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OHIO ARCHITECT

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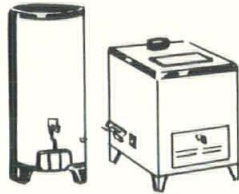
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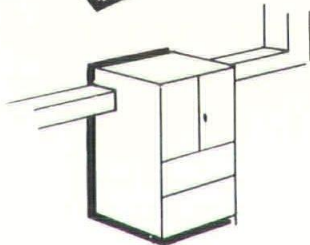
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THE OWNER – ARCHITECT BASIC CONTRACT

By Fred C. Hauck
of the Columbus Bar

(ED. NOTE: Legal questions, of general interest and common occurrence in architectural practice, are solicited for answer in this space. Such queries can make this service one of broad, current and practical value.)

The Handbook of Architectural Practice states:

"A clear understanding between Owner and Architect as to their relations and obligations is of utmost importance. So many unforeseen situations may arise during the designing and erection of a building that neither a verbal agreement, even though it were not void in law as applied to engagements for services lasting more than one year, nor a mere exchange of letters, is an adequate guarantee against misunderstandings."¹

Some of the problems, legal and otherwise, encountered by architects in dealing with clients could be avoided through better comprehension of the legal aspects of the employment relationship. The architect can protect himself in many ways, and guard against loss of valuable time, energy and even fees, by knowledge of a few basic contract rules.

Generally, the employment of an architect is a matter of contract with the client and the terms of such employment depend upon the terms of the contract entered into. The contract and its wording create the relations and the extent thereof; and any effort to determine or define the nature of the association must begin with the contract terms. In the absence of a contractual relationship, there can be no recovery for work done or services rendered.

Elements of a Contract

A contract is an agreement between the parties, whether in writing or orally arrived at. Although a written contract has no greater legal effect than an oral one, the writing does provide greater facility of proof and, generally, a more ready means of determining the contract terms. Thus it is recommended that the architect's contract of employment should be in writing.

There is one situation where the law does require a writing: where performance of the contract will require more than one year for completion, the contract must be in writing and signed by the party to be charged.

To constitute a binding contract requires these essentials: two or more parties having capacity to contract, a lawful purpose or object, a sufficient consideration and mutual assent to be bound or obligated (sometimes referred to as a "meeting of the minds"). Without these requirements, an agreement generally will not be recognized as binding.

Capacity. Minor children and persons without full mental faculties are deemed not to have capacity to contract and agreements with them can readily be set aside or repudiated. A corporation's capacity to contract is

limited to the powers granted by the State and one dealing with a corporation is charged with notice (given by the publicly recorded charter) of the limitations on those powers. If exceeded the contract is void. A public agency or board (such as a school board) is strictly limited to its express authorizations and funds allotted. For protection, therefore, architects should ascertain those limits before contracting with such agencies.

Purpose. The matter or thing to be done by the contract terms must be a lawful one, not controvening established law or public policy or statutory regulation governing public or private construction.

Consideration. It is said that contracts without consideration are of no binding force. Consideration imports something of value, usually exchanged for something else of value. Consideration may be money or a promise to pay money, or reciprocal promises to do something or relinquish certain rights.

Mutual Assent. Mutual consent is a basic element of a contract—a "meeting of the minds," or intent to make an agreement or of the parties to obligate themselves under the stated contract terms. Mutual consent is usually declared to be lacking where the assent of one of the parties is obtained through mistake, duress, fraud or undue influence.

A contract will remain in effect until it is completed or is terminated by mutual consent; or by terms of the agreement itself. If one party cancels the contract, he is subject to liability to the other for any loss incurred by the latter resulting from the premature cancellation.

The above elements are submitted in brief outline; further explanation or definition would require considerable elaboration.

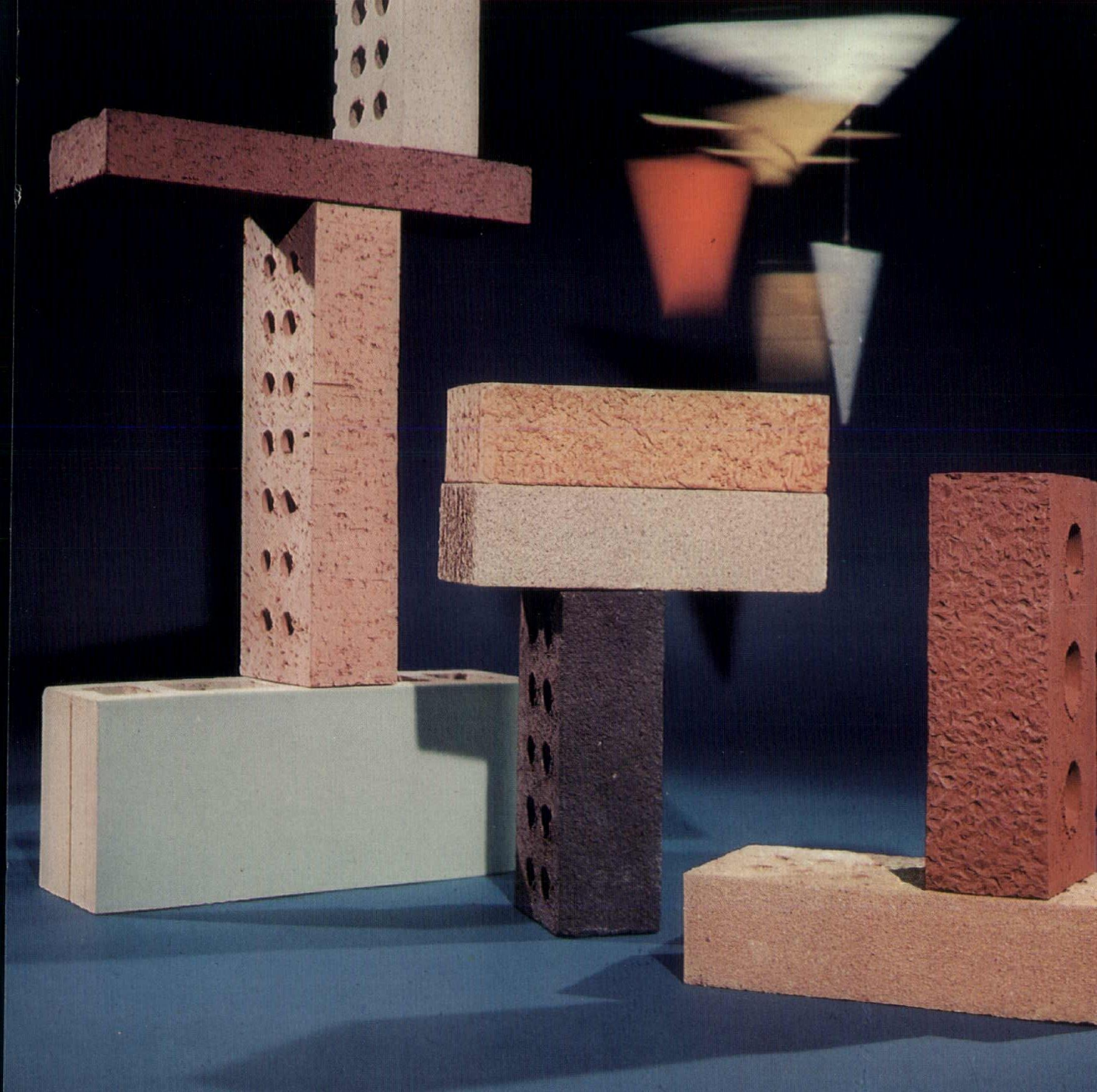
Agent or Independent Contractor

By the terms of the employment contract, the architect's status can be that either of an independent contractor or an agent of the client. The determining factor between these two relationships turns upon the degree to which the architect is subject to, or free from, the control of the client with respect to the details of the work and the manner of performing it.

An independent contractor is one who contracts to do a piece of work according to his own methods, without being subject to control of the employer except as to the product or end-result of his work. If power of control or direction of the work is reserved by the employer, then the architect is an agent.

For example: with respect to preparation of plans an architect generally acts as an independent contractor—the owner retaining little or no control as to the engineering or plan drawing, as his primary interest is in the end-product or general design. But in the performance of

(Continued on page 54)



the imaginative material

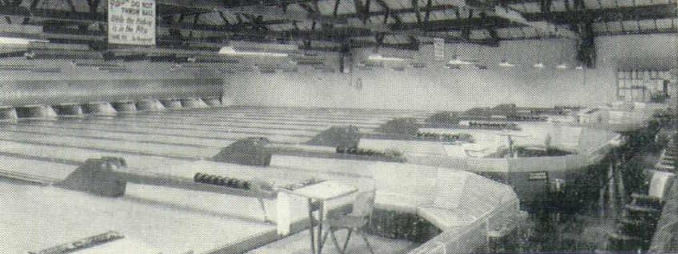
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*Architects: Hoffman & Crumpton, Pittsburgh, Pa.
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Architect: Earl M. Harvey, A.I.A., Boston, Mass.
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OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO
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Cover and Feature Material

This month's cover of *Ohio Architect* shows an obvious solution to the age-old problem of cantilever design. Artist Ben Dombar, AIA, Cincinnati, leaves the mechanics of this solution to the reader's imagination.

Feature material for the April issue was furnished by the Cincinnati Chapter of the American Institute of Architects through Mr. Dombar who is an Associate Editor of *Ohio Architect*.

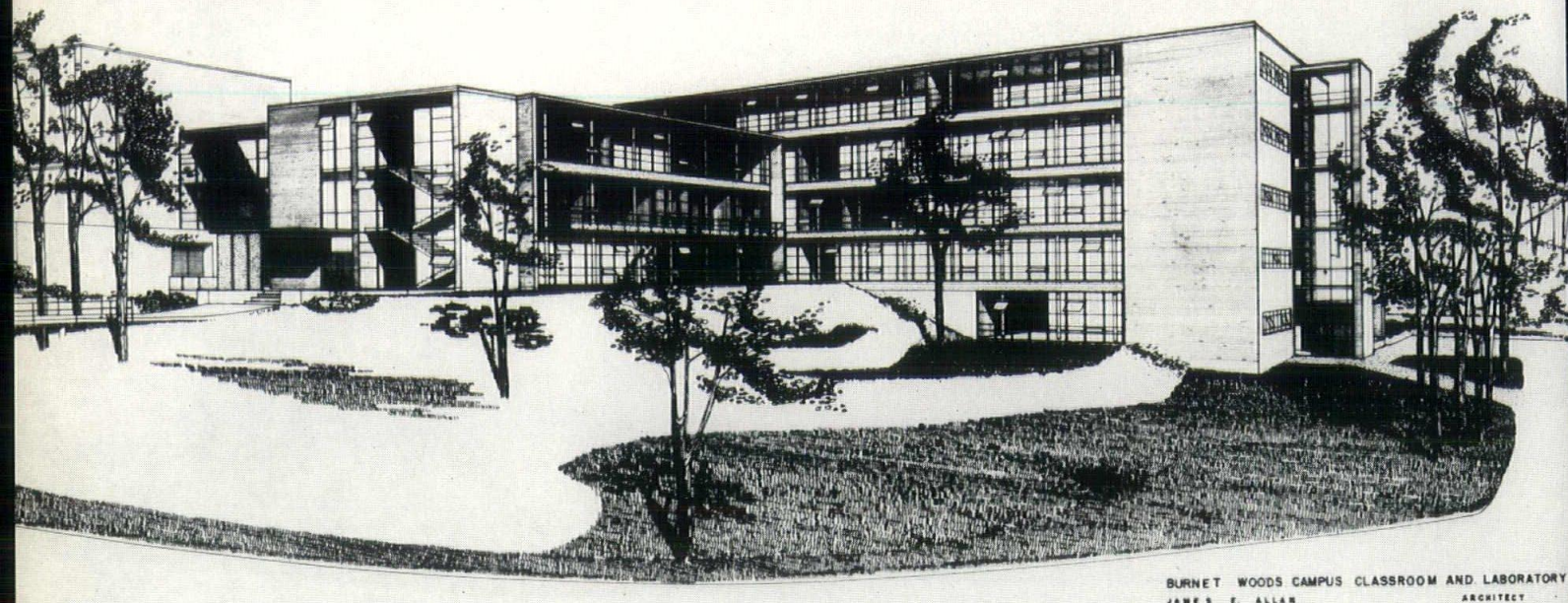
APRIL, 1958

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Architect James E. Allan

THE APPLIED ARTS BUILDING UNIVERSITY OF CINCINNATI

The University of Cincinnati campus has jumped the University Avenue barrier and planted The Applied Arts Building on a heavily wooded slope adjoining Burnet Woods. The entire College of Applied Arts plans on moving into this new group of buildings this summer.

The Alms Memorial Building, completed four years ago, connects with the southern entrance to The Applied Arts Building and complements its facilities. The Alms building contains an auditorium, library, and exhibition gallery and was also designed by James E. Allan.

Of the five stories in the new building, only the top floor is without direct entrance facilities to natural grade. Such is the variation in the terrain. Two entrances lead onto playful concrete bridges. The northern exposure in its entirety presents an uninterrupted glass area. The large glass curtain walls facing south and east have concrete slab extensions forming sun shades which connect the tall unbroken red

brick masses at the wing terminals.

Facilities include student and faculty lounges, offices of the College headquarters, studios for drafting, ceramics, painting, model making, graphic arts, photography, costume, industrial, advertising and interior design.

The School of Architecture operates on the cooperative system of education. Each student attends school for seven weeks, then spends seven weeks at a job getting practical experience.

Basically the construction consists of a series of 10" thick reinforced concrete slabs supported by circular concrete columns. Exterior walls of aluminum sash and glass run floor to ceiling. No beams disturb the ceiling line. Incandescent lighting is recessed in each slab. Acoustic material is adhered to the concrete ceilings. Flooring is vinyl-asbestos. Original specifications called for asphalt tile flooring, but when construction bids ran low, the budget allowed upgrading the flooring.

Much of the furniture and equip-

The Applied Arts Building, University of Cincinnati, under construction.



ment such as drafting tables and faculty desks were designed by the architect with the assistance of the architectural faculty.

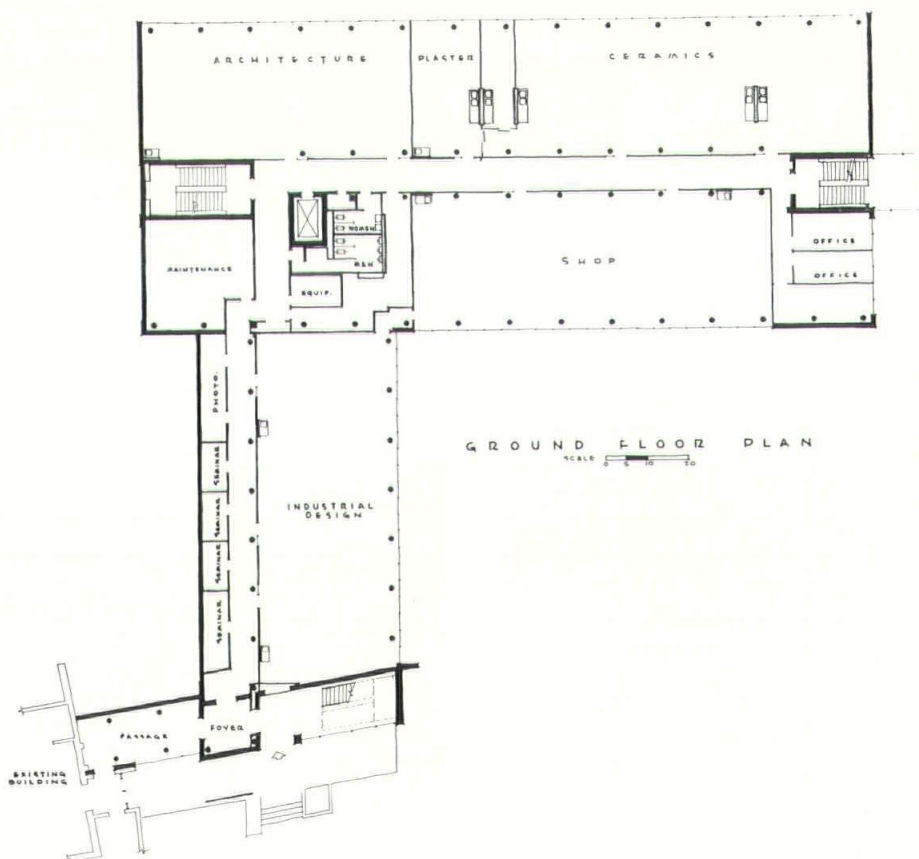
Color plays an important role in the design. Each department is identified by a specific color, and all doors, for example, to architectural drafting rooms, architectural offices, etc. are red. Concrete columns are painted contrasting colors.

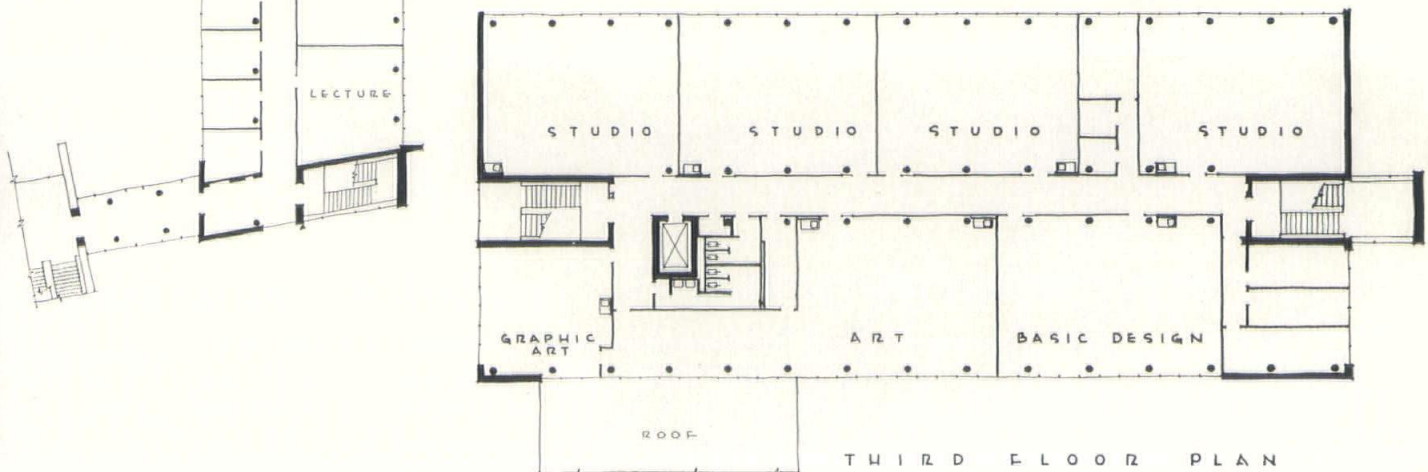
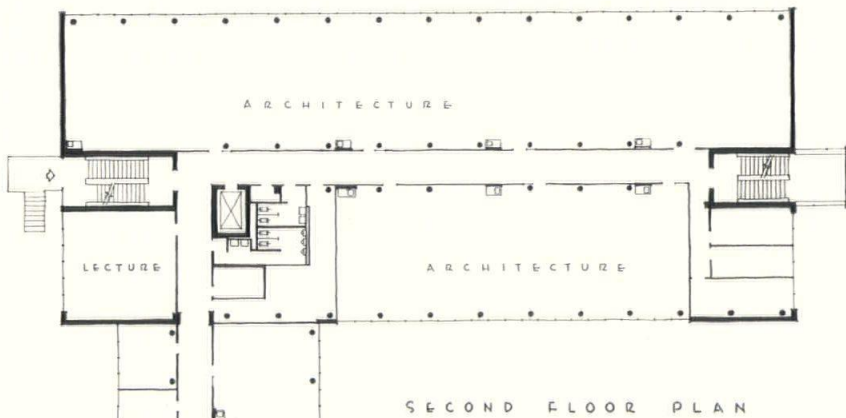
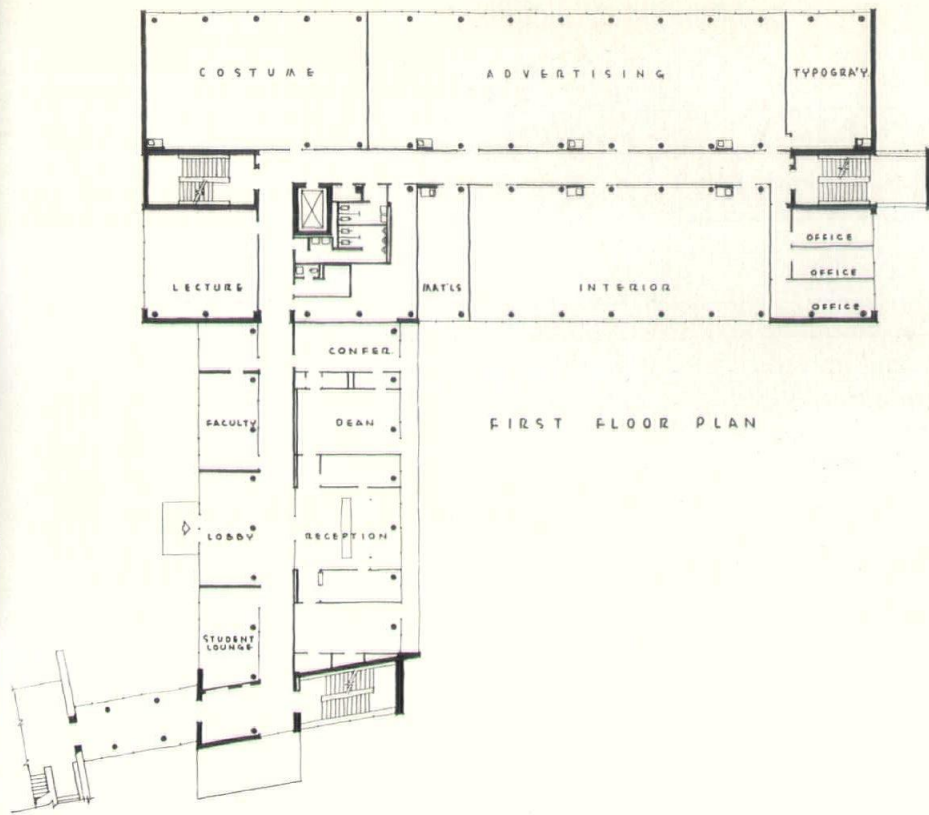
General Contract	\$723,181
Blackboards	2,221
Elevators	17,484
Electric	113,556
Heating and Ventilating	68,383
Plumbing	56,875

Total cost of the project was \$1,190,000, financed by a bond issue approved by Cincinnati voters in 1954.



Alms Memorial Building, University of Cincinnati





ANNEX REPLACEMENT LONGVIEW STATE HOSPITAL

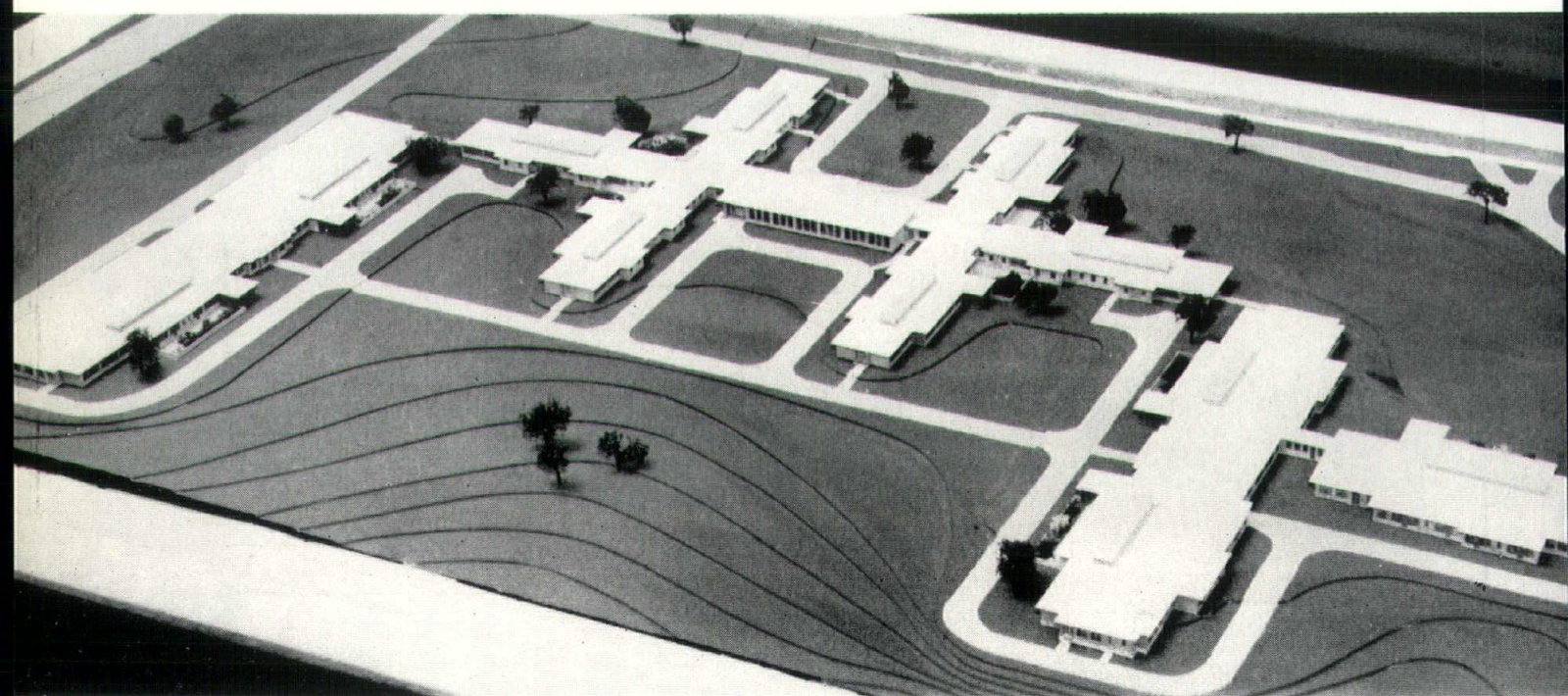
In August, 1955 a bill was passed appropriating the sum of \$3,000,000 for the construction cost, architects' and engineers' fees, etc., for replacement of the present Annex Building at Longview State Hospital. The architect was selected. Preliminary conferences established that the new Annex should accommodate 520 Psycho-Geriatric patients, the approximate aggregate of all patients sixty-five years of age or over confined at the institution.

The Longview State Hospital is occupied by 3,400 mental patients of all ages suffering from most of the recognized mental disorders. The present patient population occupies quarters which according to APA Standards should house but half that number. The area of the Longview property

totals 300 acres with considerable free area still extant. Examination of a map of this area at the time of selection of a site for the Annex Replacement project revealed a number of possible locations. However, the selection of the site for the Annex Replacement was complicated by several circumstances. Because of the age group destined to occupy the new Annex, it seemed advisable that they should be housed in one story buildings in order that consideration of difficult stairs and elevators might be obviated and access to gardens and other outdoor recreational areas might be facilitated.

These considerations and others pointed toward the selection of a site extending northward between Seymour Avenue and the present Annex Building. The other buildings in the vicinity

Architects Potter, Tyler, Martin & Roth



ity already house geriatric patients. The location of the Annex Replacement in the same general area would, therefore, constitute a continuation and augmentation of present usage. This site seemed adequate in size to comfortably accommodate the proposed group of buildings.

The next step after site selection was the development of a detailed program. The Department of Mental Hygiene and Correction received valuable assistance from Mr. Alston G. Gutterson and Dr. Charles K. Bush, both of the American Psychiatric Association Mental Hospital Building Project. Dr. Leonard Ristine, Psychiatrist and Dr. C. Earl Albrecht of the Ohio State Department of Mental Hygiene and Correction made many contributions to the shaping of the build-

ing program.

The following basic requirements were established: a Reception Building to house 190 patients made up of an equal number of men and women, a men's infirmary to accommodate 150; and a women's infirmary to accommodate 180. It was decided that food for the entire group would be prepared in the institution's central kitchen and delivered to a serving kitchen in each of the three buildings. In the Reception Building it was estimated that 80% of the patients would be served meals in the dining hall. In the infirmary buildings 40% would be fed in the dining halls.

This indicated dining hall capacities as follows: In the Reception Building, 150 patients; in the Men's Infirmary, 60 patients; and in the Women's In-

firm, 72 patients. The only food preparation recommended in the serving kitchens would be for breakfasts and special diets.

This then constituted the basic scheme for the Annex Replacement Project, Longview State Hospital.

Reception Building

190 patients, 20% bedfast or room fed. 150 fed in the dining room. Net area of dining room 2,030 square feet exclusive of the railed area or 13-1/2 square ft. per person.

Infirmary Building for Men

150 patients, 60% bedfast or room fed. 60 patients fed in dining room. Net area 811 square feet exclusive of the railed area at the cafeteria counter or 13 square feet per person.

Infirmary Building for Women

180 patients, 60% bedfast or room fed. 72 fed in dining room. Net area 1,011 square feet exclusive of railed area at cafeteria counter or 14 square feet per person.

General Contractor — H. W. Miller Construction Co.

Plumbing Contractor — Freyn Brothers, Inc.

Heating Contractor — Freyn Brothers, Inc.

Electrical Contractor — Winkler Electric Co.

Kitchen Equipment Contractor — G. E. Maier Co.

Street Lighting System — Winkler Electric Co.

Sewer Extension — Freyn Brothers, Inc.

Outside Fire Protection, Domestic Water Main — Byrnes-Conway Co.

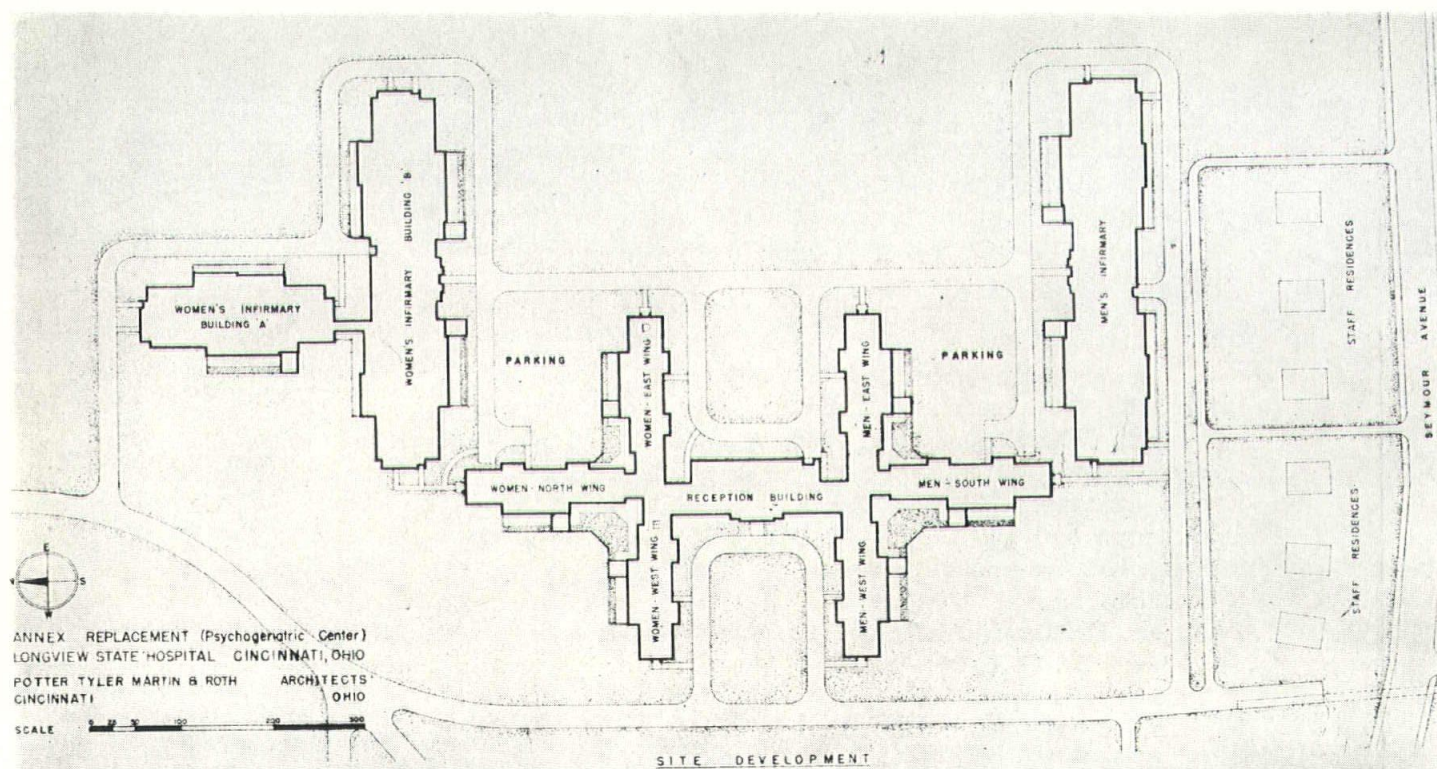
Refrigerator Rooms — Breeding Insulating Co.

Metal Partitions — Virginia Metal Products Co.

Total Building Cost (excluding kitchen equipment) — \$3,228,560.50

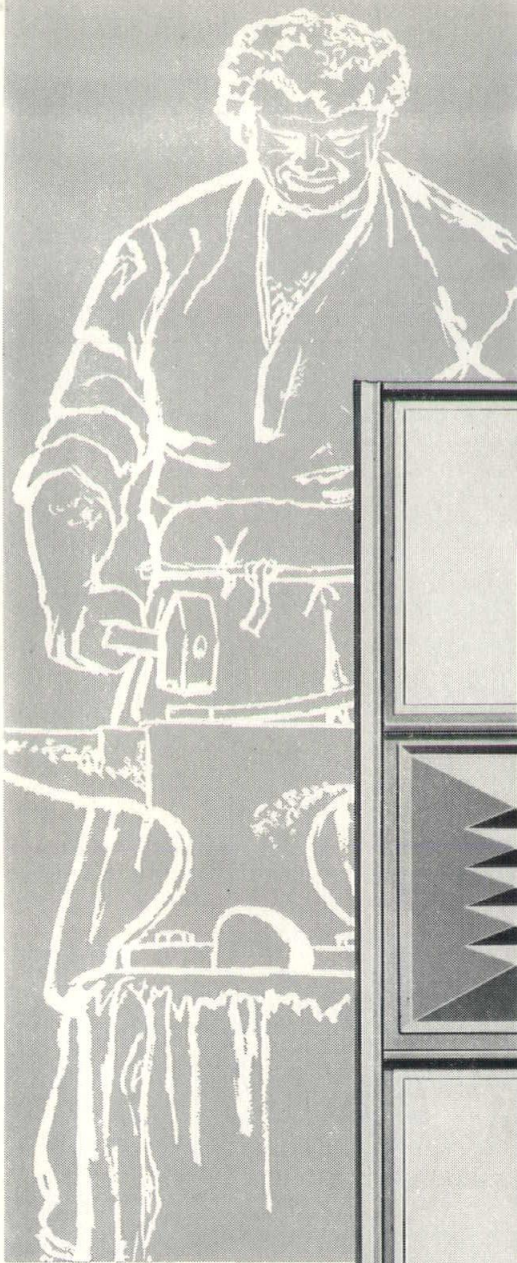


Members of the firm of Potter, Tyler, Martin & Roth are, left to right, George Marshall Martin, George F. Roth, Jr., Edgar D. Tyler and Russell S. Potter.



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Early Architecture of Ohio

by

Munroe Walker Copper, Jr., FAIA

Cleveland

By the end of the eighteenth century, many wagon roads and trails from Maine to Georgia had pushed over the mountains toward the North West Territory, which at that time included Ohio, Michigan and the Indiana Territories.

Tramping the Lake Trail, home seekers from Connecticut found in the Western Reserve new lands in which to plant the spirit of Puritanism.

By the easy access of the Great Trail over the Allegheny Mountains—I believe called Forbes Road—Pennsylvania-German, Scotch-Irish, and Quakers settled the rectangular land area known as the Seven Ranges. These groups were seeking land on which to establish clean, orderly, model farms.

The Seven Ranges (1796) is a part of Ohio bounded on the north by the 41st parallel or Western Reserve, on the east and south by Pennsylvania and the Ohio River, and on the west by a line running north at a point near Marietta. The lands to the immediate west were divided into Indian Reservations, Military Bounty, Congress Lands and the Ohio Company Land. In the year 1797 the Seven Ranges was called Jefferson County. In 1801 it was divided into Jefferson and Belmont Counties. Sometime later, these two counties were divided into several counties and became part of Mahoning, Columbiana, Harrison, Jefferson, Belmont, part of Stark, Carroll, Tuscarawas and Guernsey counties.

Many settlers to the Seven Ranges floated down the Ohio River from Pittsburgh and settled the river towns of East Liverpool, Wellsville, Steubenville, Yorkville, Martins Ferry, Bellaire, and other towns. The story of Pittsburgh as the Western Gateway and the development of middle and

south-western Ohio will be more fully covered in subsequent articles.

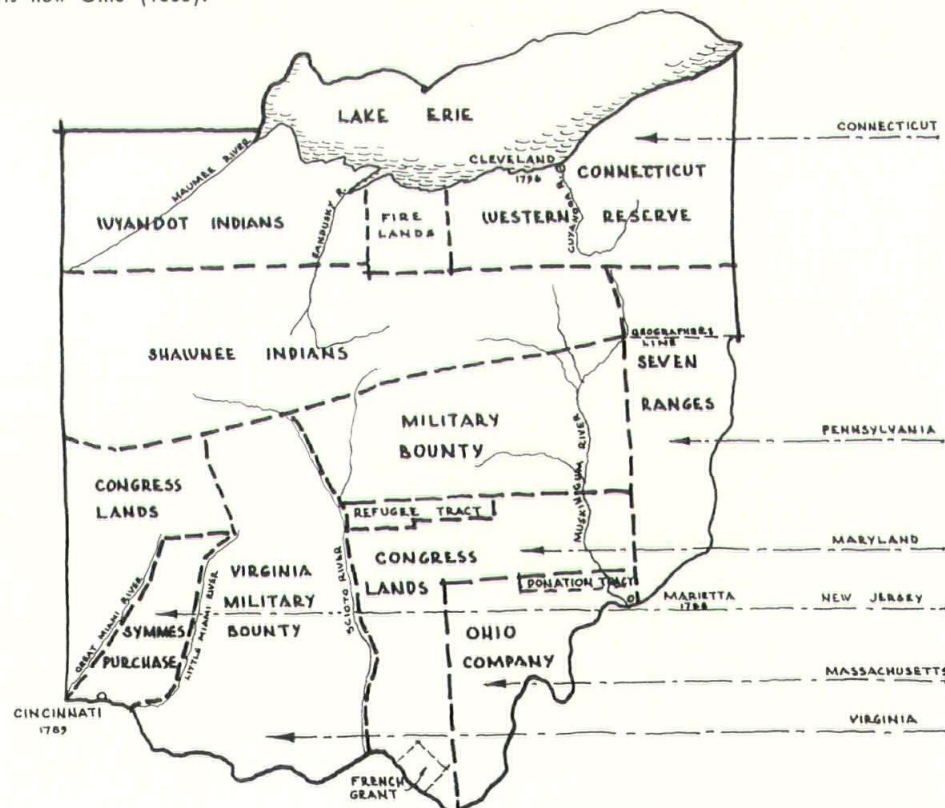
The settlers kept coming in the Westward trek, and by 1805 the old Seven Ranges was so crowded, they pushed on as far as the Indiana Territory. The main trail through the upper center of the state was approximately our present Route 30. There was a block house near Mansfield, and Fort Recovery near the Western terminus for protection of the settlers. Those who traveled this trail founded Wooster, Mansfield, Lima and Van Wert, etc.

As a matter of fact, Ohio was somewhat a melting pot for the colonies. If the diversity factor in intermarriage

is a portent of virile offspring, the future augured well for native Ohio citizens. The pioneers were of various origins and the individuals differed in manner, customs, religion and in parental nationality. The common cause of a mighty forest to subdue was sufficient to unite their efforts. The pioneers found the forest so great and dense that starting their farms could only be accomplished by ringing the trees, thereby eventually killing them. Much later, when time permitted, the trees were cut down and the timbers used to build their houses and barns.

One might say, "what has all this to do with architecture?" It is a vital factor in the development of various

Divisions of the Northwest Territory in what is now Ohio (1800).



KING'S PALACE—Zoar, Ohio—(Built 1833-35). Builder: Zoar Society. Owner: Ohio State Archaeological and Historical Society. A frame wing to the rear predates the main structure. The design of this building is interesting in that it varies from most buildings of its time. The influence of the Architecture of the Zoar

section can be traced to the Harmony section of Pennsylvania. One can almost detect the influence of Jefferson's Roman Classic. The building is of brick Flemish Bond construction with a stone foundation and quoins at the corners.

phases of the types of architecture in our state.

Log houses made their first appearance in America on the Delaware Valley frontier. According to Fiske Kimball, houses of horizontal logs were not used by the first colonists, they were in fact, unknown in Europe except among the Swedes and Finns, who probably brought the form to the Delaware Valley and then on to the Ohio frontiers. The erection of log buildings, especially in isolated districts, continued long after the close of the pioneer period and even well into the middle of the 19th century.

The foregoing brings one to the realization of why Ohio architecture varies so from county to county. Remember that the Connecticut Puritans, who were from an entirely different walk of life, settled in the Western Reserve directly to the North of Seven Ranges. The influences for their homes and buildings undoubtedly came from their earlier homes in New England.

Likewise, the earlier settlers of the Seven Ranges brought with them ideas based on the designs of their former homes in Eastern Pennsylvania. It should be noted that the Greek Revival period was slow to gain the prominence in the middle Atlantic states that it did in New England. Thus we find in the Central-Eastern part of Ohio an architecture which varies considerably from the Western Reserve.

The Seven Ranges, (due to the discovery of iron, coal and fine clays for pottery making) became a highly industrialized area, and many fine examples of architecture have ended up in the back yard of a factory, and many others were removed to accommodate industrial expansion. Fortunately, throughout the country and in small



towns many fine examples of this old architecture still remain. Certainly people whose roots are deep in American soil cannot help but love and admire the landmarks of her pioneers.

The German or Pennsylvania-Dutch were accustomed to building with stone and brick. The general architectural style was informal 3rd period Georgian, often with frame wings. The central or main part of the house had a central entrance and stair hall. The one outstanding feature of buildings by this group of people was their beautifully-built barns. For over two hundred years travelers passing through South-eastern Pennsylvania have commented on the large and attractive Pennsylvania-Dutch barns. Similar barns are traced back to Alsace and also to Switzerland.

The German farmer's love of his farm is still very much in evidence through the central part of Ohio, which is still Ohio's great farming



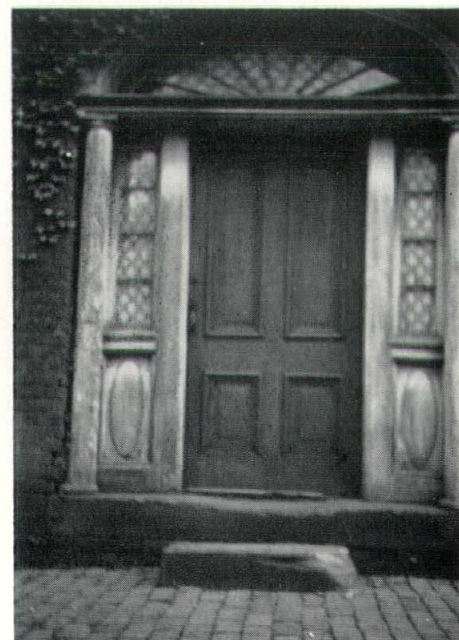
THE SEMINAR JEWETT HOUSE—N. Steubenville, Jefferson County—(Built 1838). An interesting example of many houses I have seen in Western Pennsylvania. The double decked recessed porch, like the two story Portico, is

believed by many to be of southern influence. Be that as it may, there are many early examples in the North. We have very little history of the house or the Jewett Family; however, a few miles west is a town of the same name—there could be a connection.

WACK TAVERN—East Canton—(Built about 1800). Located at the intersection of routes 44 and 172. A fine example of the late Georgian period, presumably built by a master carpenter with some training in Architecture. The building embodies good design with a fine sense of scale and proportion. The blocked cornice, the stone lintels over windows, the

double chimneys, are typical of the style found in eastern Pennsylvania and Maryland. The front entrance is quite handsome with its large elliptical fan light above and side lights on either side of the door. The columns on either side of the entrance are of Roman Doric flavor, using the Torus without the Plinth. Below the side lights there is a raised

oval panel. The original door has been replaced with one of 1870 vintage. The brick walls are laid up in the Flemish bond; every course composes a stretcher and header as compared with a running bond of all stretchers. The building—after one hundred fifty years of use—is still in good condition. Many houses in Columbiana, Stark and Jefferson counties show a similarity of design.



section.

Originally, the Quakers, like the Germans, were great farmers, but with the natural ability they possessed for trading and business, they gradually migrated to centers of population. Looking back to the Seaboard, it will be recalled that a great many of the early whaling and merchant ship captains were stern Quakers.

The Scotch-Irish pioneers were more of the tradesman class; carpenter-builders, wood carvers, stone cutters, brick and mortar makers. They were, in the main, responsible for the building of the fine homes and buildings which, after one hundred and fifty years are standing as a monument to their skills. Among them also are to be found the furniture makers, metal workers, blacksmiths, implement makers and the like.

All in all, these pioneers successfully combined their skills, the outcome of which was harmonious architecture.



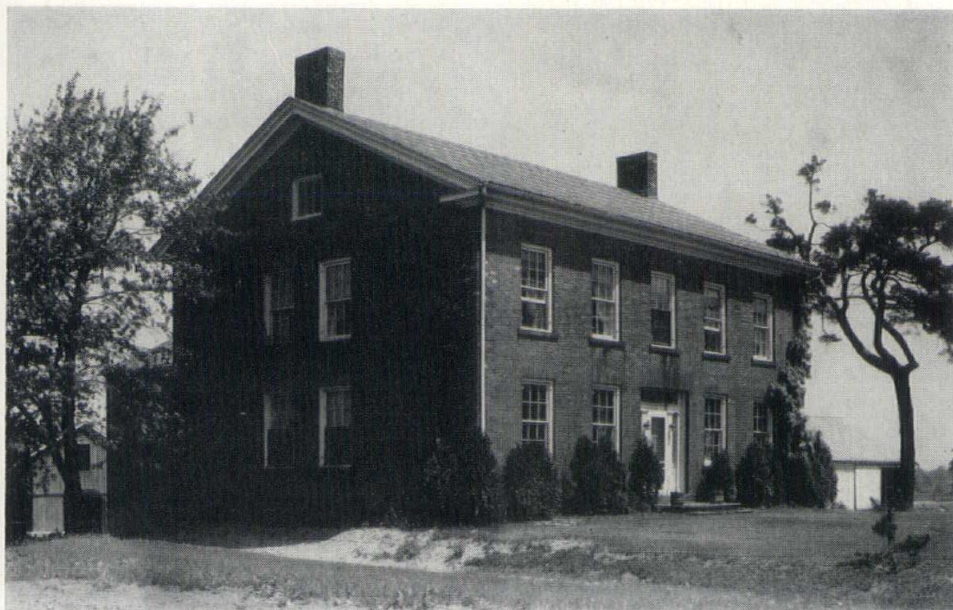
OLD ELK TAVERN—New Baltimore, Stark County—(Built 1835). The building seems to have been in a run-down condition when the picture was taken. However, it is a good example of the Greek Revival period and is

interesting because of the extended two story porch. It also gives rise to the fact that the new Architecture of that day was infiltrating the seven ranges, the Pennsylvania territory of Ohio.

THOMAS HURST RESIDENCE—Dover—(Built 1826). Driving through Ohio, one can fairly accurately determine the origins of the settlers by the style of the Architecture, which is usually a prototype of the styles of their former homes back east. This house shows the influence of the Pennsylvania, Maryland — Federal, and Georgian, however, incorporating the later influence of the Greek Revival,

especially in the Entrance and Stairway. The Cornice is rather delicate in scale like the Federal Period. The brick work is a straight running bond, with every sixth course a header course. The plan is a typical Center Hall Georgian type. Notice the Gable end, with the chimney above the Attic window. Undoubtedly the chimney is split above the Attic window, half on either side of the

double windows below. It seems reasonable that the house contains at least four fireplaces. The Walnut Stair Hall is quite handsome, the Stair baluster showing the transitional trend between Federal and Greek Revival. The symmetrical trim with corner blocks is typical of the latter period. The original portion of the house contained in the rear wing was built in 1796. The last known owner in 1936 was Mr. Geo. R. Hatcher.



Architects Society of Ohio Official Roster of Architects

The following alphabetical roster of architects, registered and licensed to practice in Ohio, is correct as of March 21, 1958. The list has been checked carefully with official state records as of the date given.

In order to keep this Roster up-to-date OHIO ARCHITECT periodically will publish address changes, new architect registrations, and license restorations. This is possible because the ASO is located in Columbus and has daily access to official records.

—A—

- Aaronson, Nelson C.
1021 Dana Ave.
Cincinnati, 29
- Abbot, Henry M.
490 City Park Ave.
Columbus, 15
- Abendroth, Fred J.
Rm. 415, The Arcade
Cleveland, 14
- Abramovitz, Max
630 Fifth Ave.
New York 20, N. Y.
- Adams, David Kyle
1379 N. High St.
Columbus, 1
- Adams, John Quincy
33-35 S. Champion
Ave.
Columbus, 5
- Adams, John Q., Jr.
377 E. Stanford
Worthington
- Adams, Mary Ellen
(Voss)
R.R. No. 1
Morrow
- Adams, Richard C.
Route 3, Milton Rd.
Marietta, Ohio
- Agree, Charles N.
14330 W. McNichols
Rd.
Detroit, 35, Mich.
- Ahern, Richard D.
5408 41st St. N.W.
Washington 15, D. C.
- Ahlert, William L. E.
City Hall
Cincinnati, 2
- Albert, Jack
7459 Oval Dr.
Cleveland, 31
- Albert, John Paul, Jr.
2125 Fairfax Rd.
Columbus, 21
- Albrecht, Herman J.
512 McClymonds
Bldg.
Massillon
- Alcox, Lawrence H.
1712 S. Glendale
Ave.
Glendale, Calif.
- Alexander, James M., Jr.
124 Congress Run
Rd., Wyoming
Cincinnati, 15
- Alexander, Robert E.
2379 Glendale Blvd.
Los Angeles, 39,
Calif.
- Alford, Angus N.
24 E. Central Ave.
Miamisburg
- Alge, Robert P.
First Natl. Bank
Bldg.
Findlay
- Allan, James E.
914 Main St.
Cincinnati, 2
- Allen, Harry G.
705 Ohio Depts.
Bldg.
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- Allen, J. Lloyd
333 N. Pennsylvania
St.
Indianapolis 4, Ind.
- Alling, Stephen J.
7376 Kirkwood Lane
Cincinnati, 33
- Allis, John M., II
1433 Beall Ave.
Wooster
- Allison, Donald M.
16716 Glendale Rd.
Cleveland, 5
- Almirall, Francis C.
Chagrin River Rd.
Gates Mills
- Altman, Harry W.
Craig and Derrick
Sts.
Uniontown, Pa.
- Altschuld, Meyer I.
3800 Edgerton Rd.
Baltimore 15, Md.
- Ambrosius, Alfred W.
2547 Hansford Place
Cincinnati, 14
- Ames, Marvin L.
1883 Kentwell Rd.
Columbus, 21
- Amspaugh, Jerry Lee
5901 E. Woodmont
Ave.
Cincinnati, 13
- Anderson, George W., Jr.
624 Prospect Rd.
Ashtabula
- Anderson, Helmer N.
1105 Forest Ave.
River Forest, Ill.
- Anderson, Lawrence B.
11 Beacon St.
Boston 8, Mass.
- Anderson, Wallie
4517 Brookpart Rd.
Cleveland, 29
- Andonian, David A.
3040 Edgehill Rd.
Cleveland Hts., 18
- Andow, Roy H.
30615 Willowick
Dr.
Willowick
- Andrews, Frank T., Jr.
2 Martin Place
Chatham, N. J.
- Angel, Joseph M.
4855 Janet Rd.
Sylvania
- Angus, James J.
806 N. Osborne St.
Janesville, Wis.
- Appel, Burton R.
25 Lancaster Terrace
West Orange, N. J.
- Arany, Alec J.
4439 Stansbury Ave.
Sherman Oaks, Calif.
- Aras, Bruno
(Cekauskas)
2843 E. Derbyshire
Cleveland, 18
- Arduser, Robert C.
7321 Shewango Way
Madeira
- Arend, Arthur R.
914 Main St.
Cincinnati, 2
- Arend, William S.
914 Main St.
Cincinnati, 2
- Armbrust, Mel K.
2616 Westmont Blvd.
Columbus, 21
- Armstrong, Timothy G.
1124 West Goodale
Blvd.
Columbus, 8
- Arrasmith, Wm. S.
200 Madrid Bldg.
Louisville 2, Ky.
- Asamoto, Noboru B.
13523 Glenside Rd.
Cleveland, 10
- Ashbaugh, James F.
U.S. Naval Mobile
Constr.
Bat. No. 10 (C.E.
Corps) FPO
San Francisco,
Calif.
- Athens, Nicholas A.
128½ Dayton St.
Yellow Springs
- Auerbach, Seymour
1217—29th St. N.W.
Washington, D. C.
- Austin, Ernest W.
242 Clinton Hts. Ave.
Columbus, 2
- Ayers, Robert D.
61 S. 6th St.
Columbus, 15
- Azzarelli, Frank A.
7118 Northampton
Way, Afton Village
Houston 24, Texas
- B—
- Badowski, T. A.
7109 Harvard Ave.
Cleveland, 5
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(Bd. of Ed.)
1380 E. Sixth St.
Cleveland, 14
- Bailey, Alonzo W.
715 Prospect Ave.
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- Baker, Allen R.
5568 Dorset Rd.
Cleveland, 24
- Baker, John H.
613 Gas & Electric
Bldg.
Cincinnati, 2
- Baker, Joseph E.
180 Hudson Ave.
Newark
- Baker, Lawrence P.
Mulberry Rd. RD
No. 2
Chardon
- Baker, William R.
8122 Yale
Chicago 20, Ill.
- Bakie, Ernest S.
5456 Hill & Dale Dr.
Cincinnati, 13
- Balaun, Edward P.
13004 San Vicente
Blvd.
Los Angeles 49,
Calif.
- Ball, George J.
614 Met. Bldg.
Akron, 8
- Ballinger, Robert I.
1625 Race St.
Philadelphia 3, Pa.
- Bankemper, Carl C.
319 Scott St.
Covington, Ky.
- Bannon, Lucas E.
191 Franklin
Turnpike
Hohokus, N. J.
- Barber, C. Merrill
1900 Euclid Ave.
Cleveland, 15
- Barber, Charles L.
222½ Huron St.
Toledo, 4
- Barcus, Chauncey H.
119 Ardmore Dr.
Oxford
- Bardon, Oliver H.
3123 Madison Rd.
Cincinnati, 9
- Barnes, John E.
4648 May Ave.,
North
Toledo, 14, Ohio
- Barnes, Paul K.
1950 Lee Rd.
Cleveland, 18
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156 Fleming Rd.
Cincinnati, 15
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2123 East 9th St.
Cleveland, 15
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53 W. Jackson Blvd.
Chicago 4, Ill.
- Bartling, George R.
3166 Monticello Blvd.
Cleveland, 18
- Bassett, William H.
1858 Bedford Rd.
Columbus, 12
- Bauer, Jourdon J.
331 E. Town St.
Columbus, 15
- Bauer, Orville H.
1600 Madison Ave.
Toledo, 2
- Bauer-Nilsen, Otto
2004 Augusta Circle
Birmingham 9, Ala.
- Baumann, John B.
44 Whitehall St.
New York 4, N. Y.
- Baumer, Herbert
Brown Hall, O.S.U.
Columbus, 10
- Baumgarten, George M.
425 Cherry St., S.E.
Grand Rapids, Mich.
- Baxter, Cyrus L.
Oak & Chestnut St.
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Loan Bldg.
E. Liverpool
- Bechtel, Richard N.
786 Bexley Ave.
Marion
- Becker, Herbert T.
4741 Highridge Ave.
Cincinnati, 38
- Becker, John Wm.
2414 Grandview
Cincinnati, 6
- Becker, Karl H.
201 Gardner Bldg.
Toledo, 4
- Becker, William E.
5701 Kenmoor Dr.
Birmingham, Mich
- Becket, Welton D.
5657 Wilshire Blvd.
Los Angeles 36, Cal.
- Beckwith, Herbert L.
11 Beacon St.
Boston 8, Mass.
- Beeghly, Robert R.
Dollar Federal Bldg.
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- Beidler, Herbert B.
952 N. Michigan Ave.
Chicago 11, Ill.
- Beihl, George P.
615 Owen St.
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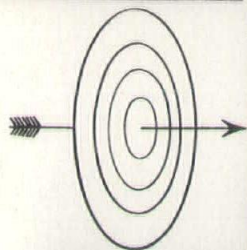
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356 Fulton St.
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2649 Erie Ave.
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319 Scott St.
Covington, Ky.
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3535 Mozart Ave.
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- Beyvl, James W.**
16112 Euclid Ave.
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Cleveland, 14
- Bickerstaff, Glenn A.**
1311 Investment
Bldg.
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7720 Ahwenasa Lane
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- Biddle, Ronald E.**
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- Bills, Harry**
510 Compton Rd.
Cincinnati, 15
- Binford, Wilbur H.**
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Chicago 4, Ill.
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1922 E. 107th St.
Cleveland, 6
- Biskup, Emil J.**
4350 Harris Rd.
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418 Benton St.
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1505 Race St.
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20812 Sydenham Rd.
Cleveland, 22
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- Borchers, Perry E., Jr.**
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7918 Seward Ave.
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- Bostwick, Donald L.**
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Niles
- Bosworth, Raymond E.**
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Cincinnati, 31
- Bothwell, Harry J.**
309 Ludlow Ave.
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- Boucherle, Paul**
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- Boyce, Robert J.**
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607 Garden City Dd.
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Ft. Wayne 2, Ind.
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773 S. Chesterfield
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- Brown, Leon**
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Toledo, 6
- Brown, William H.**
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- Brown, William J.**
3428 Edfards Rd.
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- Bruno, Edwin Carl**
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- Bruyere, Louis U.**
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- Buchart, Clair S.**
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York, Pa.
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Perrysburg
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Monroe
- Burchard, Charles H.**
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1642 Brandon Ave.
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- Burdick, John A.**
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Cincinnati, 8
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- Burgess, Ronald A.**
5014 Airy Meadows
Dr.
Cincinnati, 39
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21055 Lorain Rd.,
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- Burkett, Neal F.**
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Lakewood, 7
- Burkhart, James W.**
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- Burns, David V.**
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St.
Indianapolis 4, Ind.
- Burquist, John R.**
104 Wm. H. Taft Rd.
Cincinnati, 19
- Burr, Donald F.**
6105 Mt. Tacoma
Dr., S.W.
Tacoma 99,
Washington
- Burrows, Edward M.**
268 Burke Rd.
Lexington, Ky.
- Burrows, George H.**
16104 Kinsman Rd.
Shaker Heights
- Burrows, Richard C.**
10528 Wilbur Ave.
Cleveland, 6
- Burt, Paul Gordon**
520 N. Michigan Ave.
Chicago 11, Ill.
- Butzko, Stephen E., Jr.**
3274 Enderby Rd.
Cleveland, 20
- Buzzard, Roger F.**
532 West Park Ave.
Barberton
- Byrnes, William H.**
751 Birney Lane
Cincinnati, 30

- C -

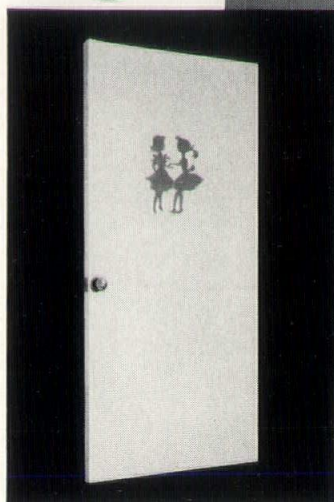
- Caddy, Edmund H. M., Jr.**
23386 Lakeshore
Blvd.
Cleveland, 23
- Cady, Robert Edward**
1569 Robinwood
Lakewood, 7
- Cain, Howard B.**
610 Park Bldg.
Public Square
Cleveland, 14
- Calabretta, Samuel**
5722 Foster Ave.
Worthington
- Caldwell, Walter G.**
841 Engrs. Bldg.
Cleveland, 14
- Callahan, Warren H.**
495 Oakwood St.
Marion
- Callow, W. Wayne**
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Franklin
- Campbell, Eugene Allen**
3125 Prospect Ave.
Cleveland, 15
- Campbell, William V.**
1830 Van Buren Rd.
Cleveland, 12
- Canfield, Thomas H.**
128 Eddy St.
Ithaca, N. Y.
- Cann, William F.**
1130 Hampton
St. Louis 10, Mo.
- Canute, Gordon W.**
777 W. Market St.
Akron, 3
- Carey, Granville O.**
449 Birch Dr.
Erlanger, Ky.
- Carlson, Robert W.**
15603 Harvard Ave.
Cleveland, 28
- Carlton, William W.**
Hq. USAFE Des/Int.
APO 633
New York, N. Y.
- Carmichael, D. A., Jr.**
5 E. Long St.
Columbus, 15
- Carnahan, Ralph W.**
536 Hulman Bldg.
Dayton, 2
- Carr, John J.**
1421 Schofield Bldg.
Cleveland, 15
- Carrier, Gilmore H.**
21 E. 40th St.
New York 16, N. Y.
- Carson, Robert**
425 Park Ave.
New York 22, N. Y.
- Carter, Marion A.**
(O.S.U. Arch. Office)
1314 Kinnear Rd.
Columbus, 10
- Cassell, Robert Earl**
3203 W. Broad St.
Columbus, 4
- Cassidy, Harold S.**
1961 W. Market St.
Akron, 8
- Cates, Richard K.**
3514 Rawson Place
Cincinnati, 9
- Cavaglieri, Giorgio**
250 W. 57th St.
New York 19, N. Y.
- Cellarius, Charles F.**
139 E. 4th St.
Cincinnati, 2
- Celli, Mario C.**
335 Shaw Ave.
McKeesport, Pa.
- Cerny, Jerome Robert**
273 E. Market Square
Lake Forest, Ill.
- Ceruti, Joseph**
7113 Euclid Ave.
Cleveland, 3
- Chambers, J. Henry**
844 W. Market St.
Akron, 3
- Chambers, Lorraine S.**
R.R. No. 4
Medina
- Champlin, Russell L., Jr.**
6102 Ridge Ave.
Cincinnati, 13
- Chaney, Fay A.**
713 Ashbury Rd.
Cincinnati, 30
- Chapman, John G.**
3218 Berkshire Rd.
Cleveland Hts., 18
- Chappelear, C. Richard**
1830 Yorktown
Cincinnati, 37
- Charlton, Jack**
3449 Clubview Dr.
Barberton
- Chaty, Raymond P.**
1639 Hazel Dr.
Cleveland, 6
- Cherry, James L.**
1200 N. Broad St.
Philadelphia 21, Pa.
- Childs, Frank A.**
20 N. Wacker Dr.
Chicago 6, Ill.
- Chisholm, Robert K.**
Harwood Bldg.
Scarsdale, N. Y.
- Choy, Eugene Kinn**
1344 Wilshire Blvd.
Los Angeles 17,
Calif.
- Christian, Robert H.**
10180 Rustic Lane
Cincinnati, 15
- Christ-Janer, Victor F.**
70 Elm St.
New Canaan, Conn.
- Churchill, Chester L.**
9 Newbury St.
Boston 16, Mass.
- Cicco, Joseph A.**
(Wollaston)
301 Newport Ave.
Quincy 70, Mass.
- Ciresi, Anthony S.**
7113 Euclid Ave.
Cleveland, 3
- Clapp, Marvin H.**
200 Greenway
Terrace
Rivers Edge, N. J.
- Clark, George Mason**
2378 Dorset Rd.
Columbus, 21
- Clark, John R.**
519 Broad St.
Elyria
- Clark, Robert A.**
400 Forest Dr.
Rossford
- Clarke, Richard C.**
1002 Natl. Exch.
Bank Bldg.
Steubenville
- Claypoole, Kenneth C.**
305 Selby Blvd.
Worthington
- Cleland, Earl F.**
16 E. Henderson Rd.
Columbus, 14
- Clement, Ralph B.**
18 Spirea Dr.
Dayton, 9
- Cloud, Charles W.**
931 W. Third Ave.
Columbus, 8
- Clough, Allan B.**
Route #2
Willoughby
- Clymer, John**
50 MacArthur Rd.
Natick, Mass.
- Coakley, Burns M.**
2469 E. Main St.,
Bexley
Columbus, 9
- Coates, Russell L.**
54 Laura Ave.
Dayton, 5
- Coddington, Gilbert H.**
329 E. Broad St.
Columbus, 15
- Cohen, Isidor M.**
26 S. State St.
Chicago 3, Ill.
- Colean, James R.**
101 Park Ave.
New York 17, N. Y.
- Collier, Harry E.**
17 N. Waverly Ave.
Columbus, 13
- Collins, James J.**
1010 Euclid Ave.
Cleveland, 15
- Collins, William H.**
1950 Nelawood Rd.
East Cleveland, 12
- Colman, Charles C.**
2525 Kemper Rd.
Cleveland, 20
- Conklin, C. Gordon**
3637 Woodley Rd.
Toledo, 6
- Conklin, Charles W.**
305 Farmers Bank
Bldg.
Mansfield
- Connelly, George R.**
158 Edgerton Rd.
Akron, 3
- Conover, Richard**
5948 Woodside Rd.
Cleveland, 24
- Conrad, Edward G.**
1110 Hanna Bldg.
Cleveland, 15
- Conrad, William H.**
226 Hanna Bldg.
Cleveland, 15
- Cook, Glenn M., Jr.**
4240 Medway
Columbus, 13
- Coombe, George B.**
511 Park Bldg.
Cleveland, 14
- Cooper, Harold**
331 Madison Ave.
New York 17, N. Y.
- Copich, William J.**
2400 Market St.
Youngstown, 7
- Copper, Munroe W., Jr.**
10528 Wilbur Ave.
Cleveland, 6
- Cordes, Walter W.**
315 Willow Brook
Lane
Cincinnati, 15
- Cordes, William Albert**
210 - 5th St.
Loveland
- Costello, Jerome P.**
5531 Lester Rd.
Cincinnati, 13
- Cothern, John M.**
1368 W. Sixth Ave.
Columbus, 12
- Cotter, Laurens P.**
3329 Glenmore Ave.
Cincinnati
- Coughlin, John B.**
1021 - 34th St. N.W.
Washington 7, D. C.
- Cowan, Richard H.**
19427 Winslow Rd.
Cleveland, 22
- Cowden, Craighead**
384 W. First St.
Dayton, 2
- Cowell, Ensign J. H.**
25 W. 43rd St.
New York 36, N. Y.
- Cox, Harry N.**
1730 Raible Ave.
R.R. #5, Box 288AA
Anderson, Ind.
- Cox, James Morgan**
1341 Market Ave.,
North
Canton, 4
- Cox, William L.**
161 Highland Ave.
Poland
- Coy, Horace M.**
3726½ S. Detroit
Ave
Toledo, 14
- Cracium, Trajen**
27 Selden Ave.
Akron, 19
- Cramer, George T.**
1706 Wright St.
Pomona, Calif.
- Cramer, Paul W.**
3335 Military Ave.
Los Angeles 34,
Calif.
- Crawfis, D. James**
312 Park Ave., W.
Mansfield
- Creager, H. Keith**
418 Grand Ave.
Akron, 2
- Crider, Edward S.**
105 Front St.
Berea
- Crider, Paul E.**
2901 N. High St.
Columbus, 2
- Crist, John A.**
172 Clay St.
Tiffin
- Croce, Chester**
490 City Park Ave.
Columbus, 15
- Croce, Chester F., Jr.**
1126-A E. 23rd Ave.
Columbus, 11
- Cromer, Robert A.**
18 E. Fourth St.
Cincinnati, 2
- Crook, Ralph E.**
648 E. Main St.
(Rear)
Lancaster
- Crooks, Wilfred S.**
124 E. Lakeview Ave.
Columbus, 2
- Crumley, George D.**
965 E. Broad St.
Columbus, 5
- Culichia, Charles L.**
509 S. Arch St.
Fremont
- Cumming, Ralph W.**
1900 Euclid Ave.
Cleveland, 15
- Cuneo, Laurence J.**
110 Pleasant St.
Malden 48, Mass.
- Cunningham, George B.**
202-203 Methodist
Bldg.
Wheeling, W. Va.
- Cunningham, W. Phelps**
1421 Schofield Bldg.
Cleveland, 15
- Cunnius, Percival A.**
400 Park Pl.
Fort Lee, N. J.
- Curtis, Jack Paul**
1747 Edgefield Rd.
Cleveland, 24
- Cuthbert, Ivan N. Jr.**
22208 Ford Rd.
Dearborn 7, Mich.
- Cutter, Howard D.**
18925 Burgess Ave.
Detroit, 19, Mich.
- Cutting, Malcolm M.**
10550 Euclid Ave.
Cleveland, 6
- Cutting, Richard H.**
10550 Euclid Ave.
Cleveland, 6

- D -

- Daig, Frank B., Jr.**
3516-C Middlesex Dr.
Toledo, 6
- Daily, William H.**
429 Early Dr., W.
Miamisburg
- Dalton, Byron**
979 The Arcade
Cleveland, 14
- Dalton, George F., III**
979 The Arcade
Cleveland, 14
- Dalton, James A.**
979 The Arcade
Cleveland, 14
- Daly, Leo A., Jr.**
633 Insurance Bldg.
Omaha 2, Nebraska
- Damon, Austin G.**
926 B. of L. E. Bldg.
Cleveland, 14
- Damon, H. Walter**
215 Lincoln Ave.
Youngstown, 2
- Danforth, George E.**
12065 Edgewater Dr.
Cleveland, 7
- Darrell, George C.**
E-505 First Natl.
Bank Bldg.
St. Paul 1, Minn.
- Dauben, Hyp. J.**
1656 Barrington Rd
Columbus, 21
- Daverman, Joseph T.**
924 Grandville Ave.,
SW
Grand Rapids 9, Mich.
- Davidson, B. Murray**
2900 Grafton Rd.
Grafton
- Davies, Raymond A.**
R.D. No. 2
Chesterland
- Davis, John C.**
3816 East St.
Cincinnati, 27
- Davis, John Haywood**
1021 - 34th St. N.W.
Washington 7, D.C.
- Davis, Rosella H.**
853 Fitchland Dr.
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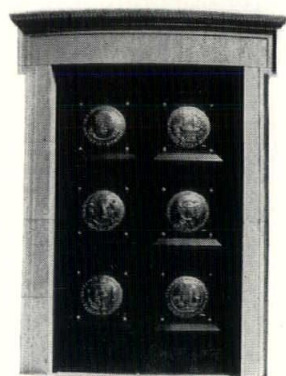
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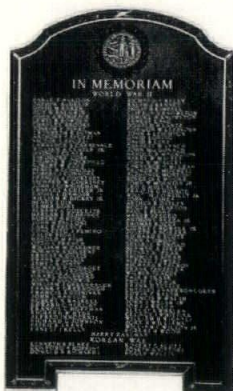
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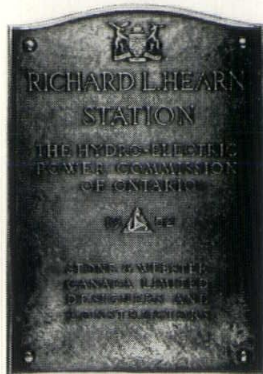
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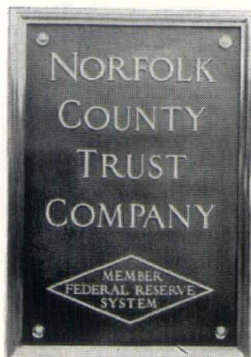
Federal Reserve Bank Building, Boston
Donald DeLus, Sculptor
Harbeson, Hough, Livingston & Larsen, Architects
Kilham, Hopkins, Greeley & Brodie, Architects



World War II Memorial
Beverly, Massachusetts
Leland, Larsen, Bradley & Hibbard, Architects

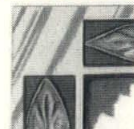


Richard L. Hearn Station
Hydro-Electric Power Commission of Ontario
Stone & Webster Canada Ltd.,
Designers and Constructors

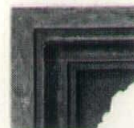


Bank Building Tablet
Norfolk County Trust Company
Norwood, Massachusetts

BORDERS AVAILABLE



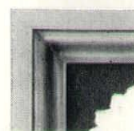
Conventional Laurel



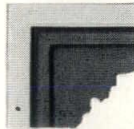
Inside Ogee



Trailing Ivy



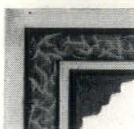
Modeled Inside Ogee



Flat Single Line Inside Scotia



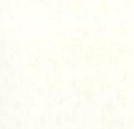
Oak Leaf Clusters



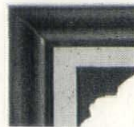
Double Line



Single Line Outside Scotia



Single Line Outside Ogee



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for Plaques or Tablets

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DeLand
Florida
- Dean, Arthur L.
68 Sheridan St.
Elgin, Ill.
- Dean, E. Keith
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Huntington 2, W.Va.
- Dean, Robert C.
955 Park Square Bldg.
Boston 16, Mass.
- Dean, S. Brooks
2748 Guyan Ave.
Huntington 2, W.Va.
- DeCamp, B. Crane
8525 Miami Rd.
Cincinnati, 27
- DeCurtins, Frederic A.
317 St. Paul Ave.
Dayton, 10
- Deeken, John Henri
232 S. Broadway
Lebanon
- Deem, Dwane Howard
42 W. Carpenter St.
Athens
- Deeter, Russell O.
#3 Gateway Center
Pittsburgh 22, Pa.
- Defendorf, Charles E.
466 Lexington Ave.
Bldg.
New York 17, N. Y.
- Dela Motte, Raymond B.
6014 Euclid Ave.
Cleveland, 3
- Delmissier, John
1809 E. 89th St.
Cleveland, 6
- Delp, Chester L.
327 E. New England
Ave.
Worthington
- Deming, Richard E.
6810 Franklin Blvd.
Cleveland, 2
- Deneau, Paul H.
31 W. Fourth Bldg.
Dayton, 2
- Denison, A. C.
Forest Place
Glendale
- Denison, David E.
115 E. Ravenwood
Youngstown, 7
- Denman, Richard A.
921 Rice Ave.
Lima
- Denwicz, Peter P.
8421 Rosewood Ave.
Cleveland, 5
- Derr, Kenneth L.
42 Frank Blvd.
Akron, 13
- Derr, Richard H.
2622 Owaissa Rd.
Cuyahoga Falls
- Des Granges, Donald
128 Newbury St.
Boston 16, Mass.
- Deshon, Robert A.
5998 Beech Dell Dr.
Cincinnati, 38
- Deucher, Joseph J.
3835 Claridge Oval
Cleveland, 18
- Devendorf, John C.
1355 Belle Ave.
Cleveland, 7
- Devney, Raymond D.
16355 Glynn Rd.
Cleveland, 12
- DeVoll, Thomas V.
38 N. 4th St.
Zanesville
- DeVult, Robert E.
354 Walhalla Rd.
Columbus, 2
- DeVoss, Garfield A.
3449 Glenna Ave.
Grove City
- Dewey, Charles O.
1076 Greyton Rd.
Cleveland, 12
- Dey, George H.
11716 Detroit Ave.
Cleveland, 7
- Dickerson, Frank J.
1902 Seventh Ave.
Beaver Falls, Pa.
- Dickerson, Robert W.
2063 E. 4th St.
Cleveland, 15
- Dickinson, Harold
Merton
4601 Hills & Dales
Rd. N.W.
Canton, 8
- Dickson, C. Garey
22 N. Main St.
Washington, Pa.
- Dickson, James A.
2493 Euclid Hts. Blvd.
Cleveland, 6
- Diebel, Frederic D.
128 E. Sixth St.
Cincinnati, 2
- Diehl, George F.
120 Madison Ave.
Detroit 26, Mich.
- Diehl, Gerald G.
120 Madison Ave.
Detroit 26, Mich.
- Dimen, Norman M.
274 Plandome Rd.
Manhasset, N. Y.
- Dimit, Richard J.
1720 Market St.
Steubenville
- Dipner, Wayne E.
579 Kenbrook Dr.
Worthington
- Disque, Chester H.
1212 Highway
Covington, Ky.
- Dittmar, Richard E.
412 Main St.
Zanesville
- Dix, Ralph G., Jr.
3307 Martindale Rd.
N.E.
Canton, 4
- Dixon, James W.
365 Randolph St.
Wilmington
- Dod, Paul S.
495 Maywood Ave.
Maywood, N. J.
- Doench, Walter C.
132 Xenia Ave.
Dayton, 10
- Dohme, Arthur J.
3157 Woodford Rd.
Cincinnati, 13
- Dolke, W. Fred
189 W. Madison St.
Chicago 2, Ill.
- Dollriebs, Joseph A.
4340 Foley Rd.
Cincinnati, 38
- Dombar, Benjamin H.
2436 Reading Rd.
Cincinnati, 2
- Donaldson, Charles M.
45 Natl. Bank Bldg.
Portsmouth
- Donaldson, James S.
45 Natl. Bank Bldg.
Portsmouth
- Donnelly, James H.
7029 Rembold Ave.
Cincinnati, 27
- Doran, John T.
248 Boylston St.
Boston 16, Mass.
- D'Orazio, P. Arthur
1005 Belmont Ave.
Youngstown, 4
- Douden, Herbert C.
552 Century Bldg.
Pittsburgh 22, Pa.
- Dowler, Press C.
132 Seventh St.
Pittsburgh 22, Pa.
- Dracon, Robert G.
4517 Brookpark Rd.
Cleveland, 29
- Drake, Paul W.
100 Summit Ave.
Summit, N. J.
- Draz, Francis K.
1010 Euclid Ave.,
Rm 709
Cleveland, 15
- Dresser, Robert H.
4932 Geraldine Ave.
Cleveland, 24
- Droppers, Carl H.
18612 Midvale Ave.
Cleveland, 11
- Drossel, Richard M.
R.F.D. #1
Chagrin-Bainbridge
Rd.
Chagrin Falls
- Dueker, George R.
433 Tennessee Lane
Palo Alto, Calif.
- Duer, W. Richard
515 Hanna Bldg.
Cleveland, 15
- Dulemba, Thaddeus J.
75 College Ave.
Rochester, N. Y.
- Duncan, Malcolm G.
Harwood Bldg.
Scarsdale, N. Y.
- Duning, Hilbert C.
2901 Sander St.
Cincinnati, 19
- Dunker, Keith L.
5072 Gloucester Ave.
Dayton, 3
- Dunlap, Leonard E.
333 N. Michigan Ave.
Chicago 1, Ill.
- Dunnington, Jon B.
2812 W. 91st Terrace
Kansas City 15, Mo.
- Dunsky, Gerald
67-10C, 190th Lane
Fresh Meadows 65,
N. Y.
- Dupre, Arthur J.
1373 Grandview Ave.
Columbus, 12
- Durand, William B.
158 W. Lorain St.
Oberlin
- Durnbaugh, Wm. H.
384 Margaret Dr.
Fairborn
- Dykes, Eugene W.
125 Valleyview Ave.
Canton, 8
- E -
- Eades, William R., Jr.
P. O. Box 1348
Jackson, Miss.
- Eash, Orus O.
6028 U. S. Highway
24, West
Ft. Wayne, Ind.
- Eastman, Robert F.
1014 Woodlawn Ave.
Springfield
- Eberhard, John Paul
510 N. Goodwin St.
Urbana, Ill.
- Eckles, Robert A.
L. S. & T. Bldg.
New Castle, Pa.
- Eddy, Merle J.
418 Prospect Rd.
Ashtabula
- Edge, Thomas L.
Plymouth St.
Lexington
- Edmunds, James R., III
1025 St. Paul St.
Baltimore 2, Md.
- Edwards, Byron H.
17-19 S. Fifth St.
Camden 3, N. J.
- Edwards, Robert G.
254 Fifth St.
Elyria
- Edwards, Robert R.
1028 E. Center St.
Marion
- Eesley, Will
219 Second St.
Marietta
- Egelhoff, Charles H.
86 E. Torrence Rd.
Columbus, 14
- Egensperger, Herbert F.
2008 Keith Bldg.
Cleveland, 15
- Eggert, Efflo E.
383 Fallis Rd.
Columbus, 14
- Eggert, John R.
5387 Harvest St.,
R.R. #1
Dublin
- Egli, Charles T., III
1134 Locust St.
St. Louis 1, Mo.
- Ehlert, Dan C.
11311 Bellflower Rd.
Cleveland, 6
- Eiber, Rollin R.
511-17th St.
Wilmette, Ill.
- Eiselt, Henry E.
297 S. High St.
Columbus, 15
- Eiselt, Richard Henry
297 S. High St.
Columbus, 15
- Elfers, Robert L.
13 Hadley Rd.
Cincinnati, 18
- Eller, Ned B.
51 Ivy Lane
Tenafl, N. J.
- Ellerbe, Thomas F.
E. 505 First Natl.
Bank Bldg.
St. Paul 1, Minn.
- Elliston, Howard L.
706 Walnut St.
Cincinnati, 2
- Elmanis, Alexander
840 Work Dr.
Akron, 20
- Elshoff, Eldred C.
3820 Homewood Rd.
Cincinnati, 27
- Elwell, Mary Lou
67 W. Dewey Ave.
Youngstown, 7
- Elzey, Richard P.
58 E. Hutchison Ave.
Worthington
- Emerick, Gerald L.
539 E. Town St.
Columbus, 15
- Englehorn, David W.
2930 Prospect Ave.
Cleveland, 15
- Engler, Ulrich
284 West College St.
Oberlin
- Erard, George H.
1600 Madison Ave.
Toledo, 2
- Erdman, Addison
640 W. 153rd St.
New York 31, N. Y.
- Erich, Floyd O.
2785 Losantiville
Cincinnati, 13
- Erikson, Carl A.
104 S. Michigan Ave.
Chicago 3, Ill.
- Erwin, E. MacDonald,
Jr.
1200 Century Bldg.
Pittsburgh, 22, Pa.
- Esgar, Robert Rea
333 N. Michigan Ave.
Chicago 1, Ill.
- Esser, Curt A.
59 E. Van Buren St.
Chicago 5, Ill.
- Eugenides, John J.
1320 W. 74th St.
Chicago 36, Ill.
- Evans, John H. V.
1214 Cherry St.
Toledo, 4
- Everhard, Junior W.
306 Hippodrome
Bldg.
Cleveland, 14
- F -
- Fargotstein, Fred M.
6016 Centre Ave.
Pittsburgh 6, Pa.
- Faris, Frederic
1117 Chapline St.
Wheeling, W. Va.
- Farnham, Lavern A.
4518 Hannaford Dr.
Toledo, 13
- Farrar, Benedict
794 Arcade Bldg.
St. Louis 1, Mo.
- Fasnacht, Ted E.
2455 Whale Harbor
Lane
Ft. Lauderdale,
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6808 Hampton Dr.,
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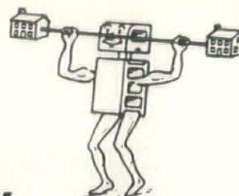
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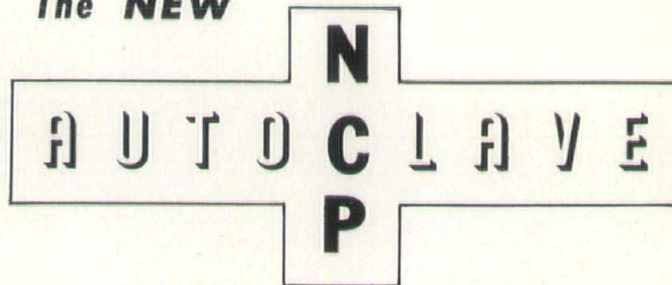


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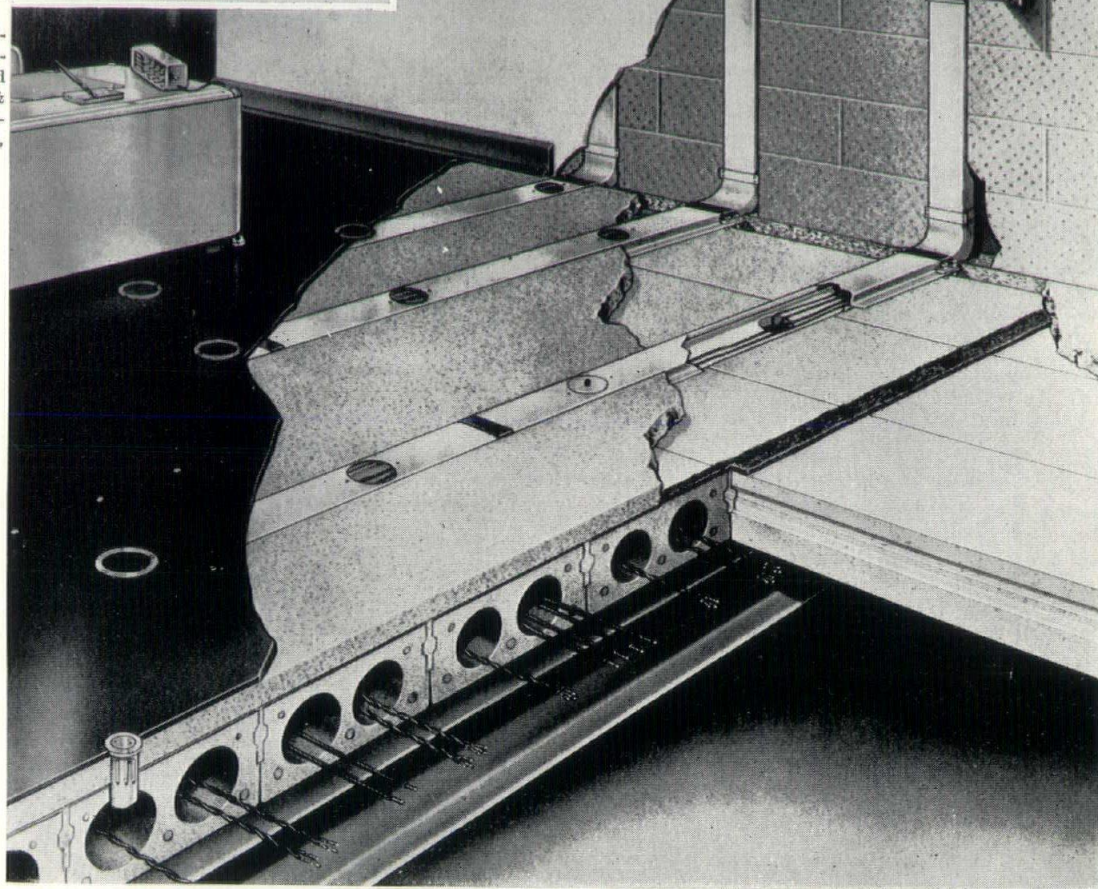
Box 137B Souderton, Pennsylvania

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ARCHITECTURAL FILE

- Fauver, Alfred H.
945 Broadway
Lorain
- Fazulak, William J.
16704 Ernadale Ave.
Cleveland, 11
- Febo, Raymond S.
1620 Harwich Rd.
Cleveland, 24
- Feibes, Werner L.
17 N. Ferry St.
Schenectady 5, N. Y.
- Feinknopf, Mark D.
150 E. Broad St.
Columbus, 15
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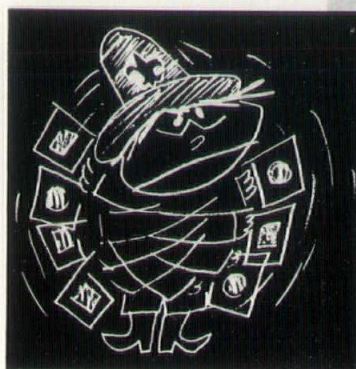
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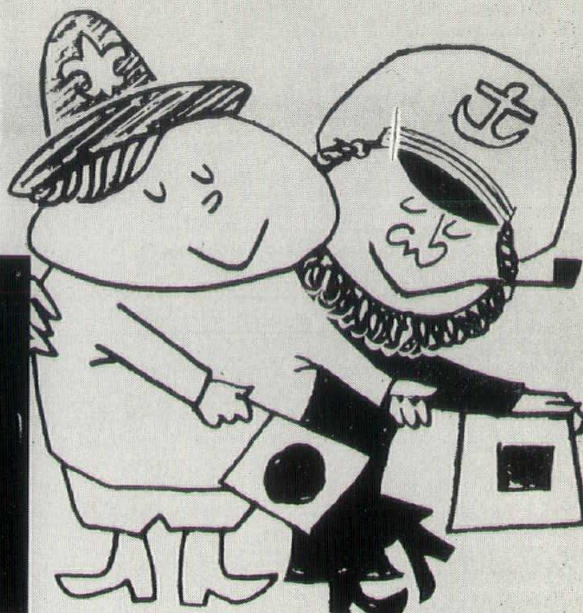
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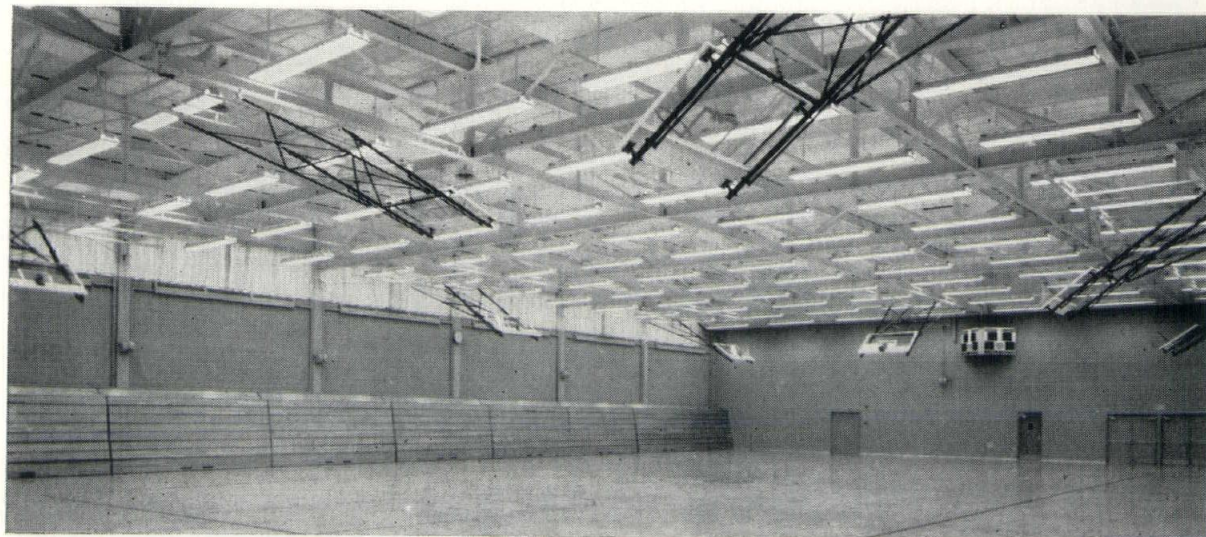
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New Lighting Folder By Meir Johan-Wengler

Nearly 200 illustrations of Contemporary and Traditional Lighting Fixtures are displayed in a newly-printed catalog issued by Meirjohan-Wengler, Metalcraftsmen for over One-Third of a Century.

Included in this catalog are many new ideas in Lighting Fixtures, Lanterns and Lamp Standards custom-fabricated in Bronze, Aluminum, Stainless Steel, Nickel-Silver and Wrought Iron for use in Churches, Public Buildings, Institutions, Federal Buildings, Memorial Halls, Museums, Universities and other imposing edifices.

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Your copy of the new "LL" Catalog (A-I-A File 31-F2) can be obtained *without obligation* by writing to Meirjohan-Wengler, 1102 W. Ninth St., Cincinnati 3, Ohio.

New Concept In Classroom Acoustical Design Described in Booklet

A new concept in classroom acoustical design is explained in a 16-page booklet entitled "Classrooms for Easy Listening," prepared by The Flexicore Co., Inc., of Dayton, Ohio.

The use of sound reflective ceilings together with a limited application of acoustical treatment, a practice supported by leading acoustical experts, is covered in easy-to-read, every-day language and simple explanatory drawings. The recently published booklet also illustrates the importance of voice reinforcement and the control of reverberation time in good student-teacher hearing.

The booklet contains valuable information for school officials, board members and architects. Copies may be obtained by writing to The Flexicore Co., Inc., 1932 E. Monument Ave., Dayton 2, Ohio.

Rolscreen Co. Offers New Window Feature

Muntin bars that snap in and out are a new feature of Pella Multi-Purpose, Casement and Twinlite windows manufactured by the Rolscreen Company, Pella, Iowa. Using only the horizontal bars, contemporary effects can be achieved, while the multi-pane arrangements, which are steel-pinned at intersections, create the often-desired traditional look with new ease of upkeep.

The muntins, made of toxic-treated clear Western Pine, are set securely into inside sash with hidden ball-and-socket connectors. Protected by the outer glass panel, they can easily be removed for painting and window washing.

The new removable muntin bars are offered as optional features throughout Pella's complete range of window sizes. Particulars can be secured from Sweet's Architectural File or the Rolscreen Company, Pella, Iowa.

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Builder Richard Schoen (left) and Architect Pierre Zoelly discuss planned telephone outlets for the home of Mr. and Mrs. Paul Decker in the Surrey Hill area of Columbus.

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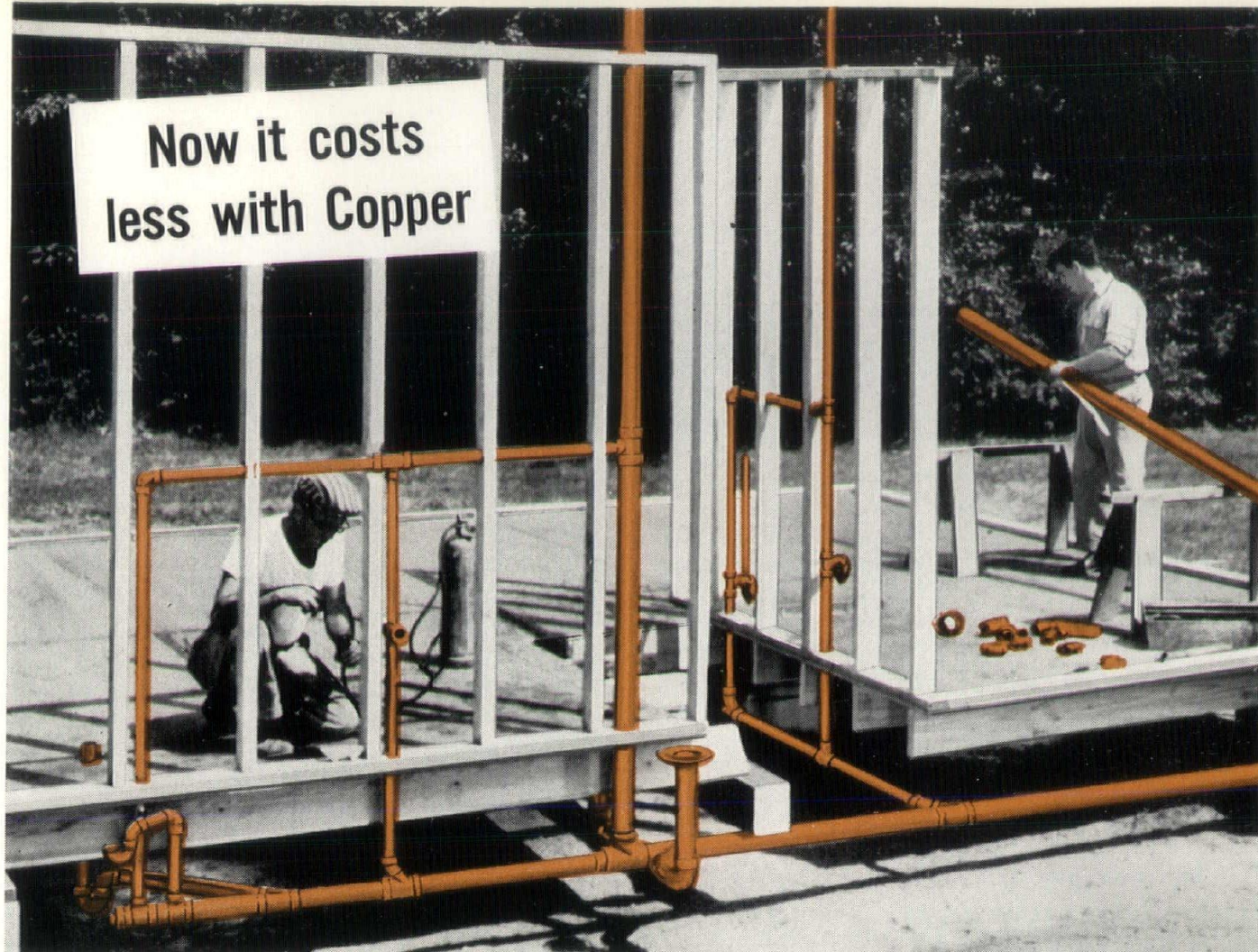
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Copper Drainage Tube.....	\$80.84
Type DWV, 1½"–3"	
Cast Brass Fittings.....	58.36
Solder & Flux.....	1.10
Total material cost.....	\$140.30
Add 12 Hours Labor.....	46.50
Installed cost.....	\$186.80

*Most codes require 4" cast iron soil lines and vent stacks. However, under the same codes, 3" size in copper tubes is permitted.

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Cast-Iron, Steel and Lead Pipe	
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Wiping Solder, Caulking	
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Total material cost.....	\$150.74
Add 22 Hours Labor.....	85.25
Installed cost.....	\$235.99

SAVINGS using copper amounted to \$49.19—a savings of more than 20% over the use of ferrous pipe!

INSTALLATION TIME CUT. Many plumbing contractors have found that the normal time needed for roughing-in a cast iron and steel pipe drainage system can be reduced by about half with the use of copper tube. The above estimate, however, was figured with a 45% saving, to be on the conservative side. But even if the time saving were only one-third, the dollar savings would be \$33. Labor rate is based on prevailing wage scale in a New England industrial area, plus fringe benefits, compensation and liability insurance costs.

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Buildex, Inc. Sales Agent For Rescolite Products

Raymond F. Orr, President of Rescolite Company, Fort Smith, Arkansas, has announced the appointment of Buildex, Inc., Ottawa, Kansas, as the Exclusive Sales Agent for Rescolite, expanded shale aggregate.

The Rescolite Company started production in January, 1953, of lightweight expanded shale aggregate (haydite) in their plant in Fort Smith, Arkansas. Production equipment includes one 6' x 75' and one 8' x 125' rotary kiln, giving a capacity of about 100,000 cubic yards of product annually. The product is marketed under the trade name of "Rescolite."

Buildex, Inc. operates plants and sales offices in Ottawa, Kansas and New Lexington, Ohio. Like the Rescolite Company, they produce lightweight expanded shale aggregate in their rotary kiln plants. Under the new agreement Buildex will assume all responsibility for sales, including customer and job site service. The Rescolite Company will remain in charge of all other

services including production, shipping, etc.

Neither the Rescolite Company or Buildex, Inc. manufactures blocks or other products, but produces and distributes the lightweight expanded shale aggregate to other companies engaged in the manufacture of these products and ready mix and contracting companies for use in lightweight structural concrete.

Both the Rescolite Company and Buildex, Inc., are members of the Expanded Shale Clay and Slate Institute, Washington, D. C. This international organization is actively engaged in the dissemination of technical and promotional materials for the benefit of the construction industry.

REYNOLDS AWARD JURY ANNOUNCED

The American Institute of Architects has announced the names of five distinguished architects to serve as the Jury for the 1958 R. S. Reynolds Memorial Award for the best use of

aluminum in Architecture.

The Reynolds Award—which consists of a \$25,000 honorary payment plus an emblem—is international in character. Therefore jurors have been selected by the AIA Board of Directors from both the U. S. and abroad.

Named to the Reynolds Award Jury were:

Richard J. Neutra of Los Angeles, California;

Arthur Loomis Harmon of New York, New York;

J. Roy Carroll of Philadelphia, Pennsylvania;

Richard M. Bennett of Chicago, Illinois, and

Pier Luigi Nervi of Rome, Italy.

The Jury will met in Washington May 5 and 6 to consider nominations for the 1958 Award. The Chairman, selected by the Jury, will announce the recipient of the Award within a week after judging is completed.

The Award will then be presented at the American Institute of Architect's Annual Convention to be held in Cleveland, Ohio, July 7-11.

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The directors of Zonolite Company, Chicago, have elected J. A. Kelley president. Kelley succeeds J. B. Myers, who resigned. Myers will continue his association with the company as a consultant.

Kelley joined Zonolite Company in 1946, and in his early tenure, was responsible for the development of the firm's extensive mining and milling developments in South Carolina and for the installation and operation of Zonolite plants in many cities in the South and Central South areas. He also managed Zonolite sales activities in these sections.

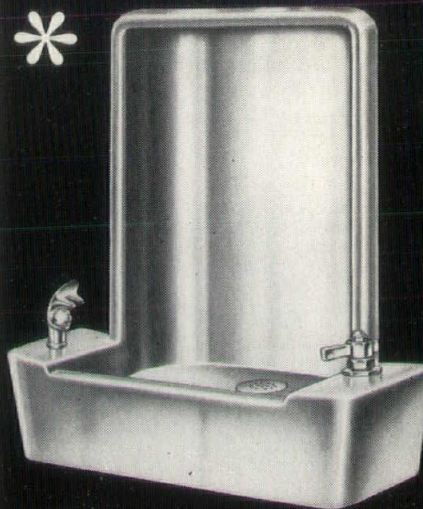
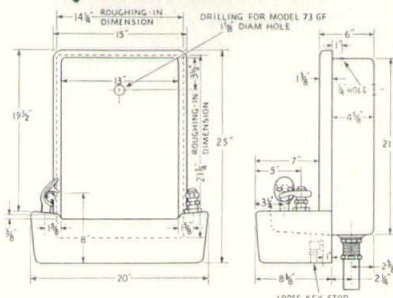
In 1953 he became a vice-president and in 1956 was named executive vice-president for the firm, in charge of all plants and mines.

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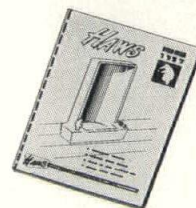
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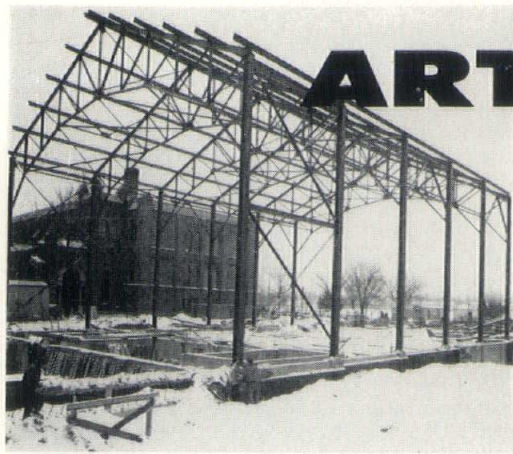
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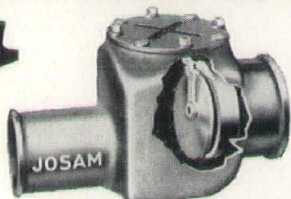
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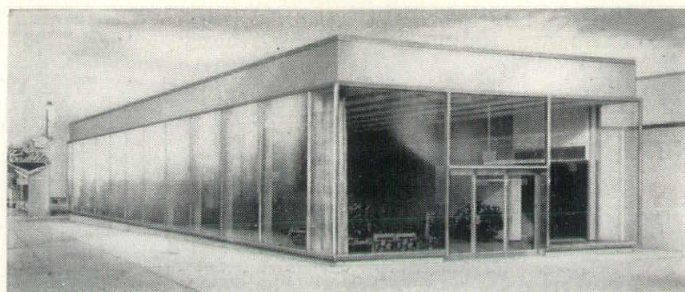
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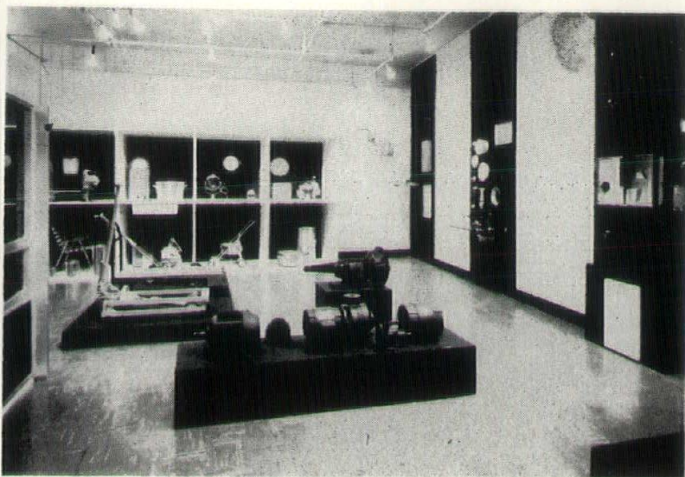
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A wide range of well-designed consumer and industrial metal products manufactured in the Greater Cincinnati area were exhibited at the Contemporary Arts Center in the Cincinnati Art Museum from March 8 through April 6. The exhibition was intended to show the high quality of design prevailing among manufacturing firms in the area.

An opening night special included a demonstration sponsored by the Cincinnati Lathe and Tool Company of the operation of a spiro point drill sharpener. This machine applies a revolutionary new geometry to the point of a drill. Other exhibits of interest were the nose cone from the Explorer space satellite, coupled with a series of documentary photographs from the Lodge and Shipley Company; a series of scale models from the Cincinnati Milling Machine Company, valves on steel pedestals from William Powell Company; a food mixer sunk into a sink counter from Nutone; centrifugal pumps from Allis Chalmers; and recording thermometers from Palmer.

**Government Construction Plans
To Be Discussed**

Just how big a prop government construction can be expected to give the economy and some new thinking on the design and equipment of government buildings will be two of the highlighted subjects of the 7th Annual Meeting of the Building Research Institute at the Shoreham Hotel, Washington, D. C., April 21-23, 1958.

Three top government building officials will address members of BRI and others from the building industry and related professions at this three-day session. They are Harry Zackrison, supervisory general engineer for Army's Office of the Chief of Engineers; FHA Commissioner Norman Mason, and Fred S. Poorman, deputy commissioner of Public Buildings Service for General Services Administration.

Program and registration information on the 7th Annual Meeting may be obtained by writing to Harold Horowitz, technical secretary, Building Research Institute, NAS-NRC, 2101 Constitution Avenue, Washington 25, D. C.

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supervisory functions in the construction of buildings, the architect ordinarily acts as an agent and representative of the owner. In the later status, the authority of the architect is limited to seeing that the work is done by the mechanics according to plan specifications; he has no additional authority (except insofar as he is invested with special authority) to commit the client or modify the plans or specifications.

The distinguishing factor, however, does not turn upon the difference between the work of plan drawing and that of supervisory construction—but upon the degree of control retained by the owner or the extent of the authority delegated to the architect.

The matter of status—whether agent or independent contractor—can become important where the question of liability for injury or damage to third persons is involved. Generally, the owner is liable for the negligence of his agent acting within the scope of the authority given; the agent-architect is responsible for those of his acts beyond the limits of his agency or authority. The owner is not liable to third persons for the negligence of an architect acting in the status of independent contractor (i.e. when free from control); in such case, a third person usually can pursue only the independent contractor for any damage incurred.

Duty to Client

What, then, are the duties and obligations of the architect to the client arising from the contract of employment? Good faith and loyalty to his employer are said to constitute a primary duty of the architect.

This imports that he will make full disclosure of all matters, within his knowledge, which it is desirable or important for his principal to know. Thus he should have no pecuniary interest (beyond that paid by the client) in the performance of the contract, nor be in the employ of both the owner and builder, receiving compensation from both, unless full disclosure is made and the owner knows and consents to such relationship. This principle derives from the maxim that one cannot fairly serve two masters.

He is required to use the skill and diligence which is exercised ordinarily by architects. Thus, in the preparation of plans and drawings, an architect owes to the client the duty to exercise his skill and ability, his judgment and taste, reasonably and without neglect; his efficiency in this respect being tested by the rule of ordinary and reasonable skill usually exercised by one in his profession.

Under this rule of reasonable degree of skill and care, he is bound to produce a building of the kind called for without marked defects in character, strength or appearance.

The architect's undertaking, however, in the absence of special agreement, does not imply that his plans will be perfect or guarantee complete satisfaction or perfection in result. His liability being limited to an exercise of rea-

sonable care and skill.

Apart from the effect of his negligence on his right to recover compensation, the architect may be liable in damages for defects of construction attributable to his lack of skill or negligence in the preparation of plans, or for negligence in supervising construction where such employment is made.

Where the architect possesses reasonable knowledge and skill and uses his best judgment, he is not liable for defect in construction resulting from defects in plans. He may expressly contract, however, or may make such representation of architectural skill as will amount to a warranty or a guarantee of satisfaction or result from defect. Here again, the extent to which this broader obligation is imposed depends upon the wording of the particular agreement made.

The architect who pursues his work with tact, diligence, business sense, and proper skill, need have little fear of legal entanglement. He should, however, at the first suggestion of trouble, avail himself of legal advice, not assuming any competency to carry on, unaided, any matter that threatens to result in litigation.²

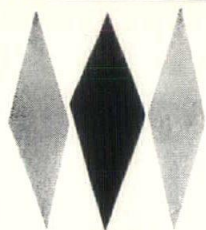
There is an old saying (offered with tongue in cheek): "All generalities are false—including this one." So many legal points arise from the owner-architect agreement that resort must be had to generalities in this limited scope and still not cover all angles. And it is regretted that this analysis of basic contract principles must, within the space employed, be reduced to such brevity that particular items may not be explained as fully as desired. The prime purpose, however, is merely to emphasize to the architect that the employment contract is a matter of utmost importance in professional relations and to focus his attention on the numerous legal factors that converge in the area of this basic document—which merit more of his careful attention and consideration.

To those interested in protecting themselves, it is suggested that copy of several employment contracts (including AIA forms, as completed) used in the past be submitted for counsel and suggestion to an attorney. For a very modest investment of this kind, a return of many times over will be reaped in savings of valuable time and money through avoidance of dispute or unnecessary litigation. No reflection is to be inferred as to AIA contract forms, which are fine documents, but admittedly do not fit all particular contract situations.

^{1, 2} *Handbook of Architectural Practice* (1953 Ed.)

New Literature

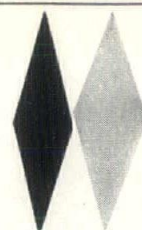
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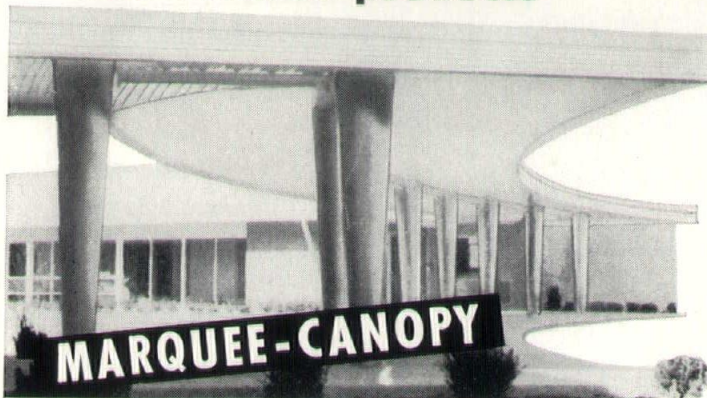
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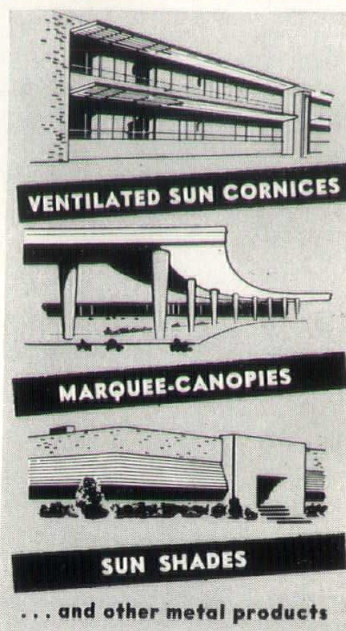
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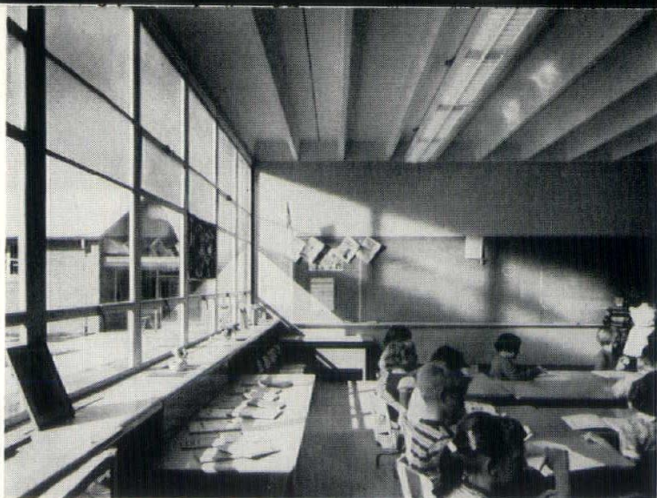
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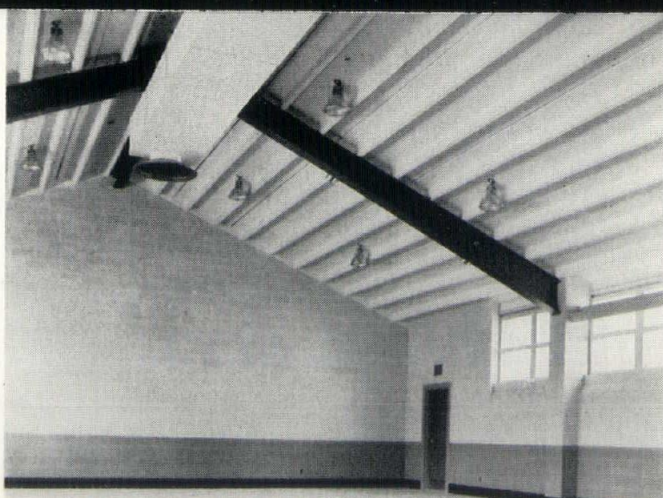


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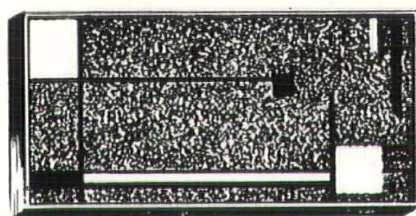
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OHIO ARCHITECT

H. James Holroyd, AIA
Elected Vice Chairman
Columbus Airport Commission

H. James Holroyd, President, Columbus Chapter, American Institute of Architects, and partner in the firm of H. James Holroyd and Robert H. Myers, Architects, was elected Vice Chairman of the Columbus Airport Commission at a Commission meeting on February 27. Holroyd had been appointed last December 10 by Columbus Mayor M. E. "Jack" Sensenbrenner to a four year term on the Commission. He succeeds Vice Chairman D. W. Merrell who had held the post for ten years.

Joseph J. Van Hyde was elected Chairman of the nine man organization. He replaces John P. Biehn, Chairman since the Commission was organized in 1946.

B. C. Wilson Company
Changes Firm Name

The B. C. Wilson Co. of Worthington, distributors and erectors of architectural porcelain in Ohio, West Virginia and Kentucky, has changed its name to Panel Walls, Inc., and has moved into its new office building at 955 Proprietors Rd. in the new Worthington industrial area.

Panel Walls, Inc. will remain under the same management with Mrs. B. C. Wilson as president and Robert T. Keller as secretary-treasurer. The firm is a franchised dealer-distributor for Davidson Enamel Products, Inc. of Lima, world's largest fabricators of architectural porcelain.

Mrs. Wilson said the name was changed to more nearly describe the business. Panel Walls, Inc. engineers, field measures, fabricates and erects porcelain enamel panels both for remodeling projects and new buildings which are either faced with porcelain panels or constructed with curtain wall panels.

The business was launched in 1948 by the late B. C. Wilson, was incorporated under the name The B. C. Wilson Co. in 1952, and became Panel Walls, Inc. as of March 1, 1958.

Its territory includes central and southeastern Ohio and parts of West Virginia and Kentucky.

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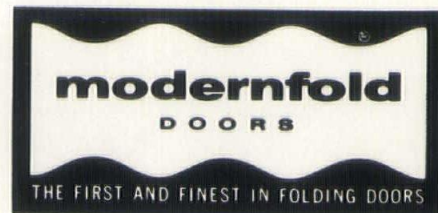
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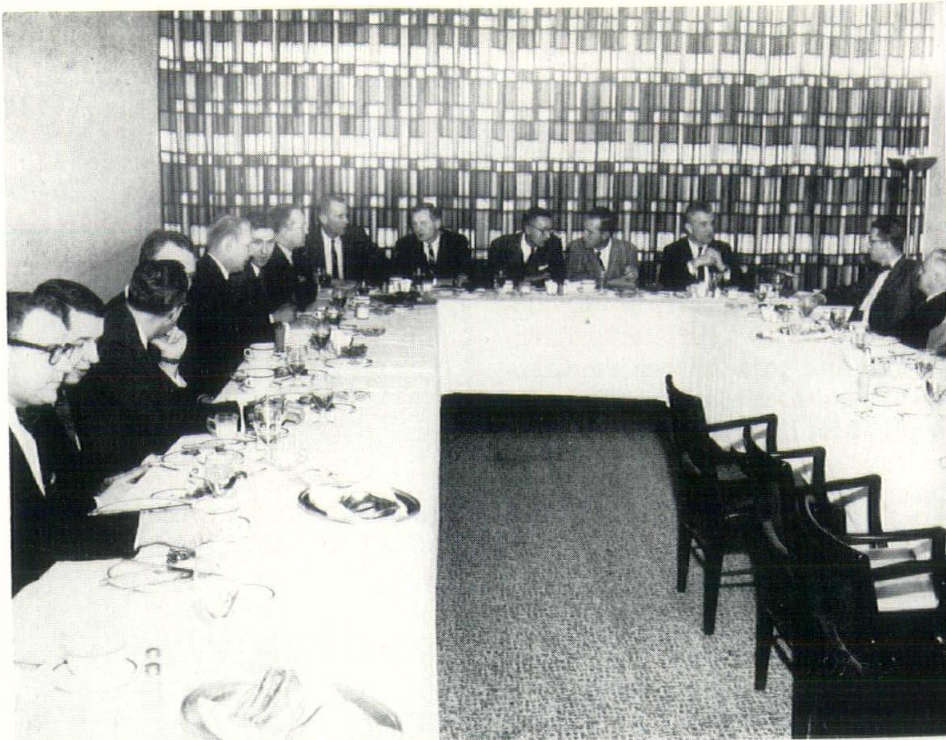
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Risom Meets Columbus Architects



Partial view of the architects attending a recent breakfast meeting with Jens Risom of New York.

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More than 25 Columbus architects met with Jens Risom, of Risom Design, Inc., to discuss furniture design at a breakfast sponsored by the General Office Equipment Company, 70 South Fourth Street, Columbus.

After the breakfast, the architects visited the showrooms of General Office Equipment where they viewed Mr. Risom's furniture and had an opportunity to discuss it with the designer. Mr. Risom was in Columbus under the auspices of the Ohio State University and the Columbus Chapter of the American Institute of Architects.



Architects listen attentively as Jens Risom explains his design theories.

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Let's Omit "Or Equal"

In the October, 1957, issue of "Progressive Architecture," Harold J. Rosen's "Specifications Clinic" column was devoted to an article titled "Let's Omit 'Or Equal.'" Since the receipt of that issue by P/A's readers and advertisers, there has been a good deal of comment about this column—90% of it favorable—and many reprints have been requested by architects, specification writers, and manufacturers of building products, materials, and equipment.

Since the response to Rosen's article was so strong, it indicated to us that this is a subject of interest throughout the building field, and of no little importance to the man selling to the architectural market. Therefore, this P/A Architectural Sales Bulletin will consider some of Mr. Rosen's proposals rather than techniques of selling to architectural firms.

In "Let's Omit 'Or Equal,'" Mr. Rosen maintains that the "or equal" clause in specifications can and frequently does act to the disadvantage of architect, contractor, and owner. He says that this clause should be dropped completely from architectural specifications. The fairness of competitive bidding would be maintained and strengthened by the architect naming brand names of several products or materials.

"Or equal" consumes too much of the architect's time and work, according to the P/A article: "The 'or equal' clause also increases the amount of office work the architect must perform in order to chase down all of the 'or equal' substitutions which are submitted by the Contractor for approval."

Mr. Rosen goes on to say, "Many difficulties are avoided if the 'or equal' clause is dropped. The Contractor cannot claim that his bid was predicted on the use of another material which the Architect refuses to accept as an 'or equal.' By basing their bids on the materials specified, the Bidders are competing on the same level—making for fairness in competitive bidding.

Control of the project is better without "or equal." "The Architect has better control of the job when the 'or equal' clause is omitted. With an 'or equal' clause the Contractor constantly is striving to use other materials, especially if there is a price advantage to him after the contract is let. In many cases, the Owner does not benefit from these price differentials, the substitutions being made solely on the basis of 'or equal without change in the contract price.' The Architect should insist that the products which he has specified and with which he is familiar and has confidence in, should be used."

More than one product should be named by the Architect. "... reference to a single name or product in private work should be discouraged ... because it tends to eliminate competition.

Even in public and government work, "or equal" is undesirable. "There is a fallacy about the use of the 'or equal' clause in public work ... Bidding in public work is a privilege—not a right—and the Government, as an Owner, has a right to protect its own interests by demanding that it receive a dollar's worth of value for a dollar spent. A

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Bidder on public work should prove that his material is equal to that specified and it should not be incumbent upon the Government to test every substitution to determine its equality."

At the first Specification Workshop of the Building Research Institute, the important topic of omitting "or equal" was discussed thoroughly and a paragraph was recommended for inclusion in the Special Conditions of the Specifications, as follows:

Variations from Materials Specified:

Materials or products specified by name of manufacturer, brand, trade name, or catalog reference shall be the basis of the bid and furnished under the contract, unless changed by mutual agreement. Where two or more materials are named, the choice of these shall be optional with the Contractor. Should the Contractor wish to use any materials or products other than those specified, he shall so state, naming the proposed substitutions and what difference if any will be made in the contract price for such substitution, should it be accepted.

*(Reprinted from Progressive
Architecture, Architectural
Sales Bulletin #14)*

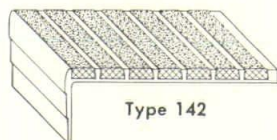
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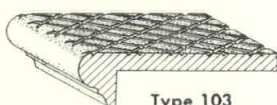


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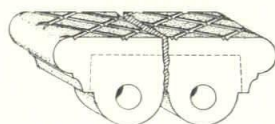


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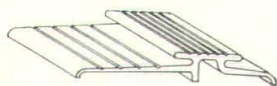


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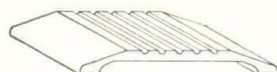


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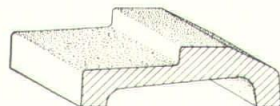


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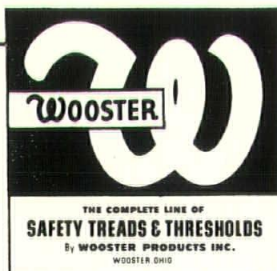
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AIA Completes Two Movies For Chapter Use



Johnny plays title role in AIA's new semi-animated color film on school design. "A School for Johnny" shows that schools are the best bargain on the building market today. The film explains that good schools are the product of intensive, intelligent teamwork between educators and architects—tailored to the very specific requirements of the community.

The first two in a series of semi-animated movie shorts on architectural subjects have been completed by the American Institute of Architects as public relations aids for chapters and state societies.

"What's a House?", the first of these 15-minute cartoon films, traces the evolution of the American house from the "carpenter classic" to the residence of the future. By acquainting the audience with some of the problems of site planning, orientation and building technology the film indirectly points up the essential role of the architect in residential design.

"A School for Johnny" addresses itself to the problem of filling the increasing needs for schools without overstraining community resources. The film relates some of the primary factors the school architect must consider in designing for today's education and attempts to clarify some misconceptions about comparative costs and economy in school design.

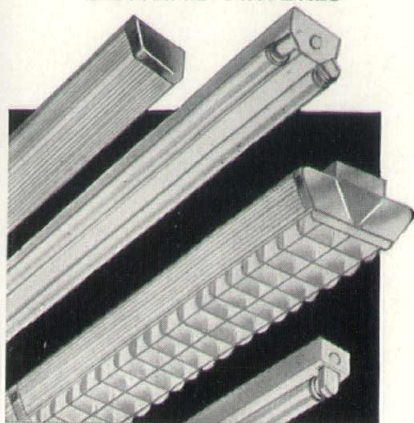
Both films are done in simple Disney-like cartoons and charts on a minimum budget. Both include color photographs by outstanding architectural photographers. The films may be either purchased or rented from AIA. The purchase price is \$65 per film.

Cave man in AIA's new film "What Is A House?" illustrates that whatever his specific needs, man's home must be liveable, provide companionship, warmth and the satisfaction of ownership. Theme of the film is to show how residential design has kept up with changing needs and requirements.



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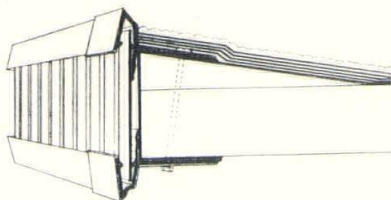
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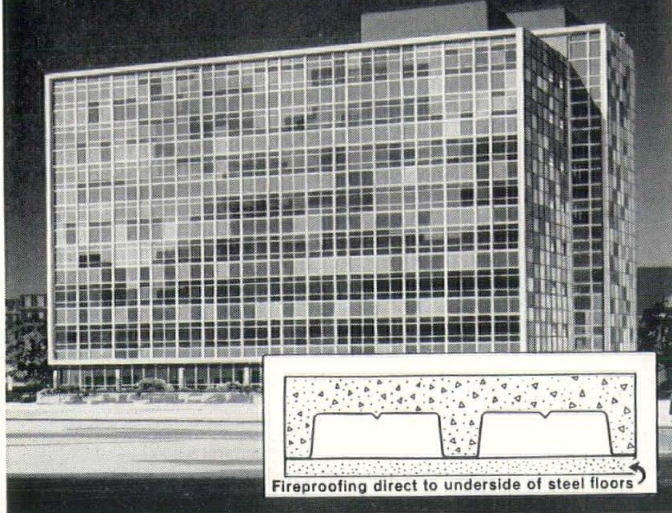
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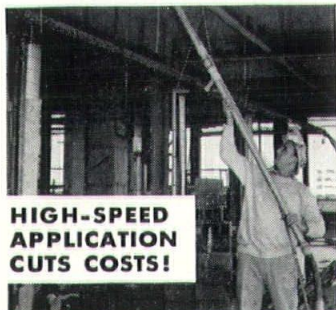


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Cleveland Chapter, AIA Presents Gift To Cleveland Public Library



Participating in the presentation of the Cleveland Chapter's architectural library to the Cleveland Public Library are, l. to r., George B. Mayer, Chapter Centennial Observance Committee Chairman; Mrs. Robert H. Jamieson, President of the Library's Board of Trustees; Charles C. Colman, designer of the commemorative bookplate; and Leon M. Worley, President of the Cleveland Chapter. Mrs. Jamieson holds the original of the bookplate design.

In closing its celebration of the 100th anniversary of the American Institute of Architects, the Cleveland Chapter, AIA, recently presented its 200 volume architectural library to the Cleveland Public Library.

To commemorate the presentation, the local AIA Chapter held a competition for the design of a bookplate. Winner of the award was Charles C. Colman, consulting architect with the firm of Ward & Conrad. Depicting three major phases of architecture through the ages, the bookplate design includes the ancient sphinx, the classic Cleveland Library building and the Contemporary United Nations group.

All of the books in the collection were donated by local architects. They were assembled through the efforts of George B. Mayer, FAIA, Chairman of the Chapter's Centennial Observance Committee.

A check for \$100 was also given to the library by the Chapter for the purchase of additional books. The gift was made in commemoration of the late J. Milton Dyer, FAIA, noted Cleveland architect and designer of the City Hall.

Patterson Joins Kent State Univ. Faculty

Clyde A. Patterson, Jr., Cleveland architect, has been named assistant professor of architecture at Kent State University. He will take over his new duties in September.

Patterson has a diploma from the Fountainebleau School of Fine Arts and his bachelor's and master's degrees in architecture from Western Reserve University.

During 1950-51 he was in France on a fellowship sponsored by the American Institute of Architects.

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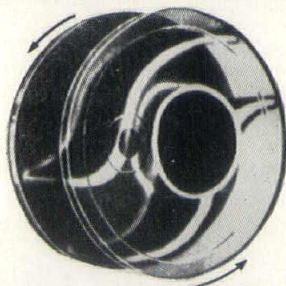
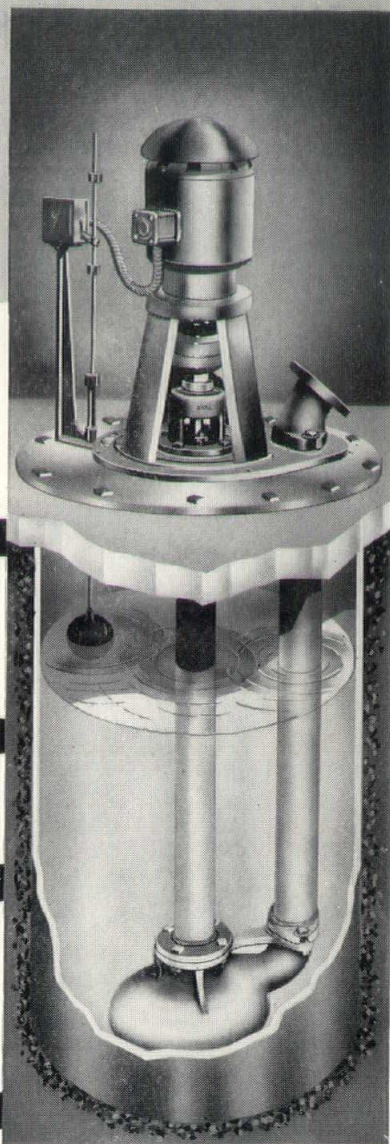
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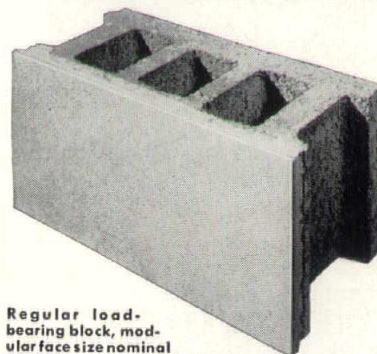
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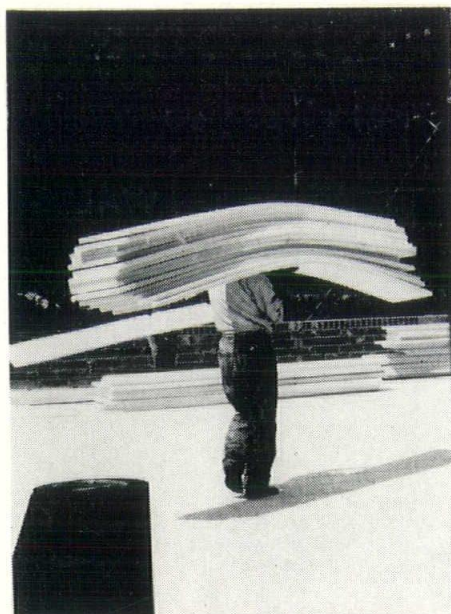
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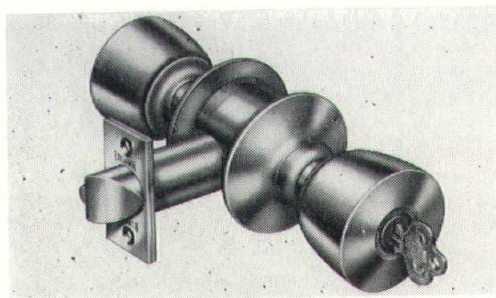
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