

AMERICAN INSTITUTE
OF
ARCHITECTS

new england

NOV 1 1974

Architect

September /
October
1974

& NEW HAMPSHIRE ARCHITECTURAL REVIEW



**If you believe in democracy
but can't believe your electric bill,**

write.

CONGRESSMAN:

My monthly electric bill is exorbitantly high due to the skyrocketing cost of residual fuel oil. I urge you to pursue every effort to obtain financial credits or other means of financial relief to lower the cost of electricity for New England consumers.

Name _____

Address _____

City _____ State _____ Zip _____

You have a right to be angry over the high cost of electricity. You also have a right to demand relief from these increasing costs.

The tremendous price that New England utilities have been forced to pay for residual fuel oil has led to higher "fuel adjustment charges" – and higher electric bills – for all of our customers.

However, the fuel adjustment charge is *not* a profit making mechanism. It is used to pay our bills for oil.

The high cost of oil is a national problem, and deserves the immediate attention of the Federal Government. And that's where you can help.

Fill out this coupon and mail it to your Congressman. Your protest,

together with thousands of other New England consumers, may help to lower your fuel adjustment charges.
Boston Edison Company
Massachusetts Electric
Eastern Utilities Associates
and Subsidiaries



SONOTUBE®

Fibre Forms: The fastest, most economical way to form concrete columns, piers and footings.

Sonotube fibre forms are made from many layers of high quality fibre, spirally wound and laminated with a special adhesive. The inside coatings vary according to designated uses.

Because these forms are lightweight, they can be placed and braced easily. Standard sizes can be placed manually. And only a minimum amount of light lumber is required for bracing.

There are no fabricating or assembly costs either, because Sonotube fibre forms are one-piece units. They can be cut or sawed right on the job to fit beams and allow for utility outlets.

And because they're disposable, all the forms can be poured at one time. There are no form inventories or cleaning and re-shipping costs.

The built-in "moisture barrier" provides uniform "wet curing." And once the concrete has cured, the forms can be stripped quickly with an electric saw or simple hand tool.

Finally, Sonotube forms come in a wide variety of sizes.

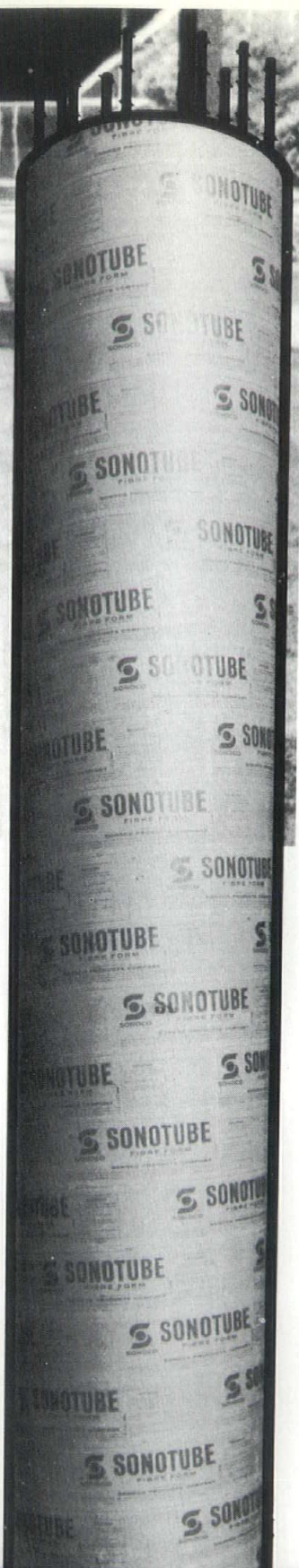
SONOCO PRODUCTS COMPANY

**CORRIVEAU-
ROUTHIER**

159 Temple Street
Nashua, N. H.
Tel. 889-2157

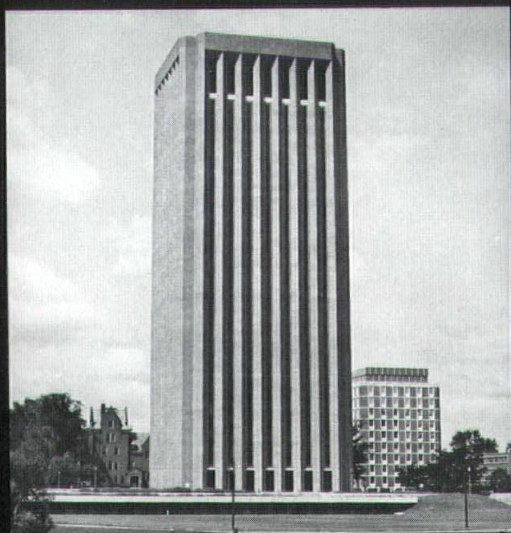
266 Clay St.
Manchester, N. H.
Tel. 627-3805

71 Broadway
Dover, N. H.
Tel. 742-1901





**Worried about
building costs?
You needn't be.
Working with you
and your architect,
O'Connell can
build your building at
a cost you want to pay.
We'll even guarantee it.**



**Daniel O'Connell's
Sons, Inc.**

**BUILDERS • CONTRACTORS • ENGINEERS
HOLYOKE, MASSACHUSETTS 01040**

Founded in 1879

NOTES & COMMENTS

Northeast Utilities Center Completed in Madison, Conn.



On twelve acres adjacent to I-95 (Connecticut Turnpike) in Madison, Connecticut, the Northeast Utilities Company has recently completed construction of a service complex which includes a two story administration and services building with an adjacent one story materials handling and truck loading area, and a separate maintenance building.

The architects, Drakos Associates of Hartford, Conn., responded to the desires of the client to develop an efficient prototype service center and to the demands of the sloping site in creating a series of forms that are both efficient and dramatic.

The boldness of the forms has a direct relationship to the speed and volume of the traffic passing on the interstate highway; the buildings are sited to follow the natural slope of the land and parking is behind earth berms in such a way that the motorists' view of the buildings is unblemished by the sight of automobiles and trucks while the internal functions are shielded from the sound and motion of the highway.

A smooth surfaced native white limestone contrasts well with deep shadows and dark glass. In addition to creating a strong visual effect the projecting shapes and deep recesses increase mechanical efficiency. Planning efficiency is articulated to provide 92% usable space (much in open planning) and only 8% circulation area.

This high efficiency is the result of lengthy study and analysis of program needs, site orientation, energy use and mechanical systems, structural systems and interior design.

Success of this prototype is confirmed by the repetition of the planning formulae in a soon to be constructed division service center in Cheshire, Connecticut.

Fraioli-Blum-Yesselman, Structural Engineers.
van Zelm, Heywood & Shadford, Mechanical Engineers.

Currier, Anderson & Geda, Landscape Architects.
Facilities Planning Group, Interior Designers.



There are three vital reasons why imaginative architectural design takes shape when BELDEN Brick is used: BELDEN provides MORE distinctive colors. MORE exclusive textures. MORE adaptable sizes. Over 200 variations of brick to free the imagination of the creative architect, from sand mold colonial brick through earthy browns to mechanically perfect pearl grays.

Your nearest BELDEN Dealer will gladly show you the facts in the form of samples, or write us at P. O. Box 910, Canton, Ohio 44701.

BANCROFT & MARTIN SALUTES THE ARCHITECTS

The creative men and women who bring exciting new design concepts to the building industry.

Architects use their imagination, technical skills and a strong feeling for our environment to visualize the shape of tomorrow's buildings.

The men and women at Bancroft & Martin are pleased to work closely with many fine architects throughout Northern New England. We help make their visions come true.

Give us a call.



SOUTH PORTLAND 207-799-8571. LEEDS 207-933-4478
BREWER 207-989-4860

STRUCTURAL STEEL • REINFORCING STEEL • WAREHOUSE STEEL
SPAN-DECK CONCRETE PANELS • DRAINAGE PRODUCTS

new england

Architect

& NEW HAMPSHIRE ARCHITECTURAL REVIEW

September / October 1974 Volume 6 Number 3

features

Anderson Residence Dover, Mass.	14
Chittenden Banks Vermont	20
1974 New England Regional AIA Awards	24

departments

Notes & Comments	2
On The Drawing Board Dartmouth National Bank Building Hanover, N.H.	28
Index to Advertisers	32

Photo Credits: Lawrence S. Williams, Cover (The Anderson Residence), pages 14-19; Hutchins Photography, page 8; Sanders Milens, pages 20-23.

Editorial & Sales Office:

Box 68

Hanover, N.H. 03755

Telephone: 603-643-5505

Published monthly by the
Profiles Publishing Corporation.
Hanover Rd., West
Lebanon, N.H. 03784. No article
appearing in this issue may be
reprinted in whole or in part
without permission of the
publisher.

Controlled circulation postage paid
at Portland, Maine. Postmaster:
Please send Form 3579 to
NEW ENGLAND ARCHITECT,
P.O. Box 68, Hanover, N.H.
\$1.00 A Copy
Subscription: Ten Dollars Per Year.

Publisher

Donald W. Penfield

Editor

James Bolquerin

Editorial Staff

Peter Randall

Mary Page

Advertising Production

Mary H. Arnett

Art Director

Herb Rauh

Circulation Manager

Marjorie Henderson

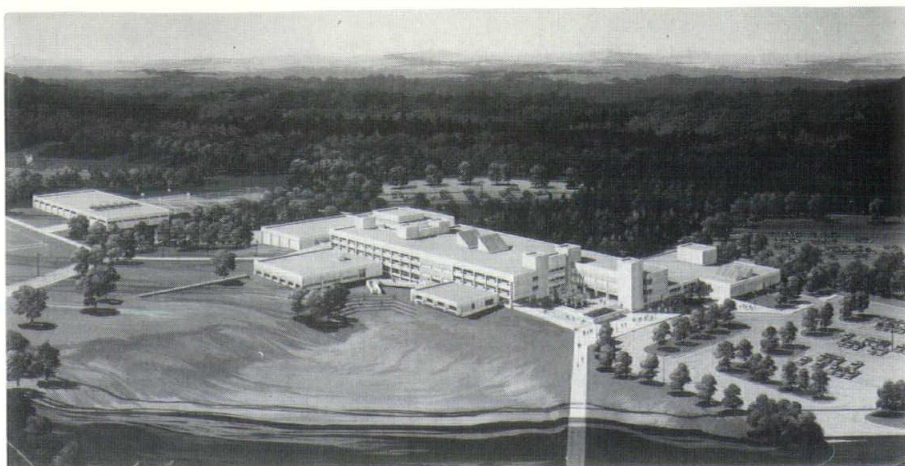
Sales Representatives:

Ruth & Carll Downs

120 Manchester St.

Nashua, N.H. 03060

Phone: 603-882-6715



Designed by Hugh Stubbins And Associates, Inc., Mount Wachusett Community College in Gardner, Mass., will soon have a two-level Fine Arts wing (at right in photo) linked to the four-level megastructure designed by the Cambridge, Mass. architectural firm.

Reslite,[®] America's Number One Track Surface. Again.

When you're good you have to keep proving it all the time. And we proved again that Reslite is the favorite among schools and colleges by having more installed than any other track surface. When you know the facts you'll understand why.

Our track surface happens to be one of the least expensive to install, "one-third" the cost of most new synthetic surfaces. It's also one of the least expensive to maintain. In fact, there's almost no maintenance at all. Reslite track surfaces are still going strong after 12 years. No synthetic surface has

this record — outdoors where it counts.

Reslite has proven performance! Our patented formula of vermiculite rubber particles keeps our tracks resilient for years and running times have usually improved after the installation of a Reslite track.

Complete factory supervision on all installations and design assistance are available to your Architect or Site Planner without charge.

Also available in 8 Plexichrome surface colors.

Call John Wood collect at (617) 547-5300 for more information about the Reslite track record. Or write for your free brochure. Either way, you'll get all the facts about America's Number One Track Surface — Reslite.



CALIFORNIA PRODUCTS CORPORATION

P.O. Box 30
169 Waverly Street
Cambridge, Mass. 02139



Fine Arts Wing Planned in Garden

Designed by Hugh Stubbins and Associates, Inc., Mount Wachusett Community College in Gardner, Mass., will soon have a two-level Fine Arts wing linked to the four-level megastructure designed by the Cambridge, Mass. architectural firm.

This second phase of the college development is planned for completion in January 1976. It will include a 546-seat theatre, costume and prop workshops, practice room, classroom, three art studios, five faculty offices, and an art gallery/exhibition hall in the total 41,000 square feet of space. Like the rest of the college, it will have a precast concrete exterior.

The first stage megastructure, which provides the core facilities and most of the teaching spaces, is planned to welcome 1200 students in the fall of this year.

A special design feature is the location of this wing as part of the main college megastructure, but with a separate and easy entry for the community while the rest of the building is closed.

The theatre is designed to provide an appropriate setting for dramatic productions, concerts, distinguished visiting lecturers, and community meetings. It will have a hydraulic stage lift which allows the platform to serve as a thrust stage, as orchestra pit, or as space for additional seating. Vertical slats on the panelled theatre walls are a special acoustical treatment.

Hugh Stubbins and Associates, Inc. has developed a reputation for the design of educational facilities, including among its current projects the National Technical Institute for the Deaf at Rochester Institute of Technology, Rochester, New York. This is the first large-scale endeavor to provide post-secondary education for the deaf within a "hearing" college environment. Two other award-winning colleges were designed by HSA for R.I.T.'s 1300-acre campus.

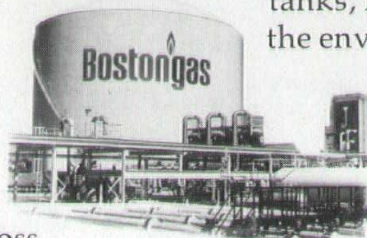
For the University of Massachusetts HSA designed the Southwest Quadrangle dormitory and dining complex, whose high-rise residential towers now stand as landmarks on the central Massachusetts skyline.

In addition to its academic work, the firm is architect of the 604-foot high Federal Reserve Plaza build-

Air-to-ground defense is our business, too.

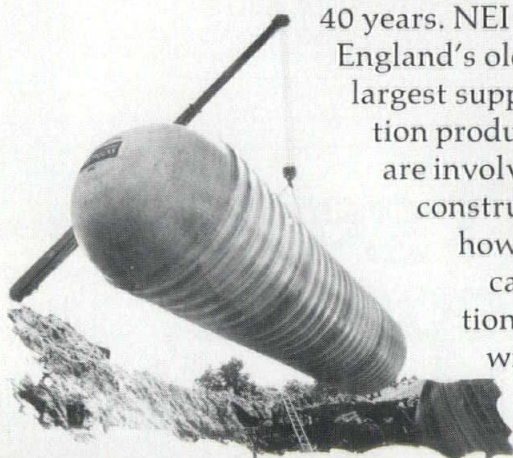


From skyscraper HVAC duct work,
to underground Fiberglas* storage
tanks, NEI protects
the environment.



At temperatures ranging
from -350°F to $+2000^{\circ}\text{F}$, NEI
offers insulation products
to minimize vital energy loss.

Conservation of energy and environmental protection
have been our primary business for over



40 years. NEI is New
England's oldest and
largest supplier of insula-
tion products. If you
are involved in building
construction, no matter
how small or large, NEI
can supply your insula-
tion needs. One call
will do it all.

From the ground up – NEI Protects Your Environment

New England Insulation

155 Will Drive, Canton, Mass. 02021, Phone: 617/828-6600
381 Hubbard St., Glastonbury, Conn. 06033, Phone: 203/633-3514
85 St. James St., Portland, Maine 04111, Phone: 207/772-7481

Please send me a copy of your new NEI Corporate brochure
"Conservation of Energy and Environmental Protection"

Name _____

Title _____

Company _____

Address _____

City _____

State _____

Zip _____

*Trademark Registered Owens-Corning Fiberglas Corporation

©New England Insulation 1974

Monsters we have met — and overcome:

THE BUDGET-GOBBLER.

"My, he just keeps on growing, doesn't he?"



Money is something we keep very good track of, here at Specifier Services. So you'll get current — and we do mean current — price information, plus ideas on future price adjustments, plus pricing for future fill-in items and custom designs.

When it comes to costs, what you know can't hurt you nearly as much. Write Doug Crosby, Specifier Services Division, for more information. (And fewer monsters.)



BUSINESS EQUIPMENT
100 Shawmut Avenue, Boston, MA 02118
(617) 426-6800

If you can't get it from Makepeace, you probably can't get it at all.

We're New England's largest in-stock distributor of engineering, drafting, surveying and architectural supplies. And if we haven't got it stocked then we'll get it from the factory — fast. We're also one of New England's largest reprographic services. And, if anything goes wrong with your equipment our highly trained service staff can fix it for you — fast. If it has anything to do with engineering, Makepeace has it.

B.L. Makepeace Inc.

1266 Boylston Street, Boston, Mass. 02215 • Specializing in K&S (617) 267-2700

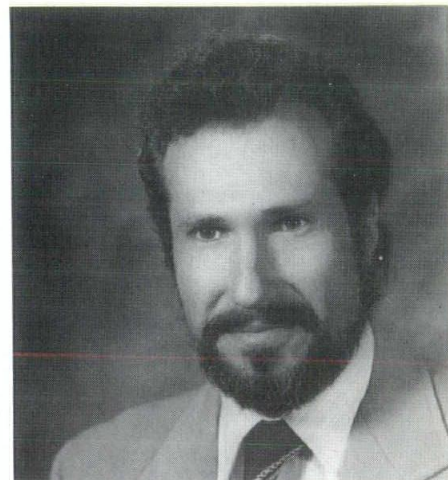


ing now under construction in Boston, Massachusetts, and the multi-use Citicorp Center, New York City.

The Mount Wachusett Community College project is under the direction of Michael Kraus, an associate in the Hugh Stubbins and Associates firm. Structural consultant is LeMessurier Associates/SCI, Cambridge, Mass. Francis Associates, Cambridge, Mass. is mechanical and electrical consultant.

Award of the \$2.3 million construction contract was made to J. A. Sullivan Corp., Boston, Massachusetts.

Herriott Names Markir Staff Architect



Leonard M. Markir of Onset, Mass., has been appointed staff architect for The Herriott Company, Inc., Waltham, Massachusetts-based mortgage banking and real estate development firm, according to an announcement by Richard L. Herriott, president.

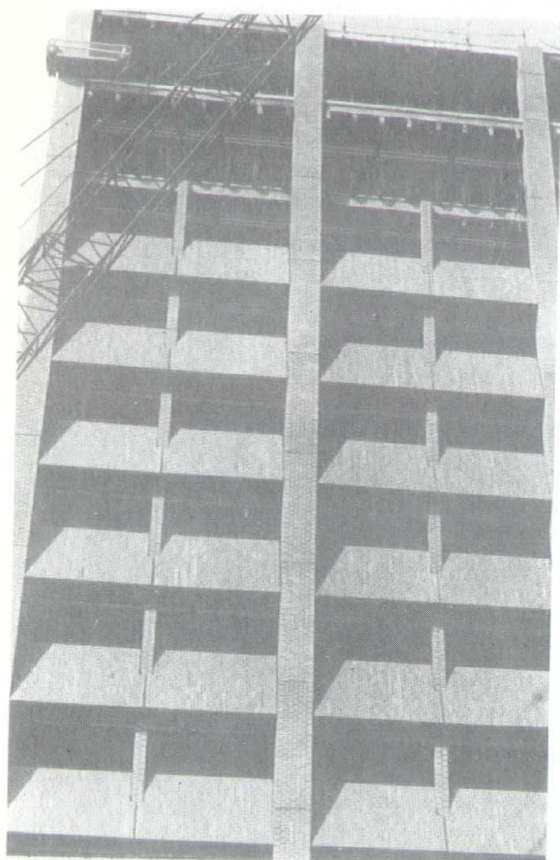
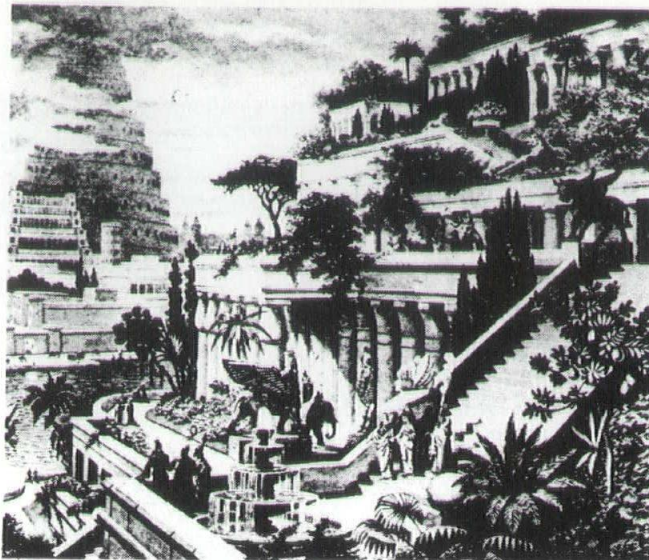
Mr. Markir received his B.A. in architecture from the Rhode Island School of Design and his M.A. in Environmental Systems from Virginia Polytechnic Institute. He has an N.C.A.R.B. certificate and is registered in both Maine and Massachusetts. He served as an assistant professor in the College of Architecture, V.P.I., and has been associated with Sumner Schein/Architects & Engineers, Boston, the architectural department of Howard Johnson's, Braintree, Mass., and George Hodosh Associates, Somerset, Mass.

His responsibilities include the analysis and evaluation of proposed development projects, and the coordination and implementation of existing developments.

New England Architect

THE OLDEST MAN-MADE BUILDING MATERIAL IS STILL THE BEST MAN-MADE BUILDING MATERIAL

The reasons are the same as when
the Hanging Gardens of Babylon
were the resort capital of the world:



BUILDING WITH MASONRY IS GOOD BUSINESS

- very low maintenance costs
- fire resistant . . . fire retardant features are inherent
- lower insurance rates
- faster construction using all weather protection and heating
- best wall material at competitive cost with less durable materials
- load bearing high rise masonry can eliminate costly steel framing and its increasingly slow material deliveries
- Today skilled union craftsmen average more units in place per day than ever before
- better insulation saves heating and cooling money and conserves energy
- readily available natural material.

When union building contractors, employing highly skilled union craftsmen use good looking, thrifty and fire-resistant masonry . . . buildings of lasting beauty result.



For further information

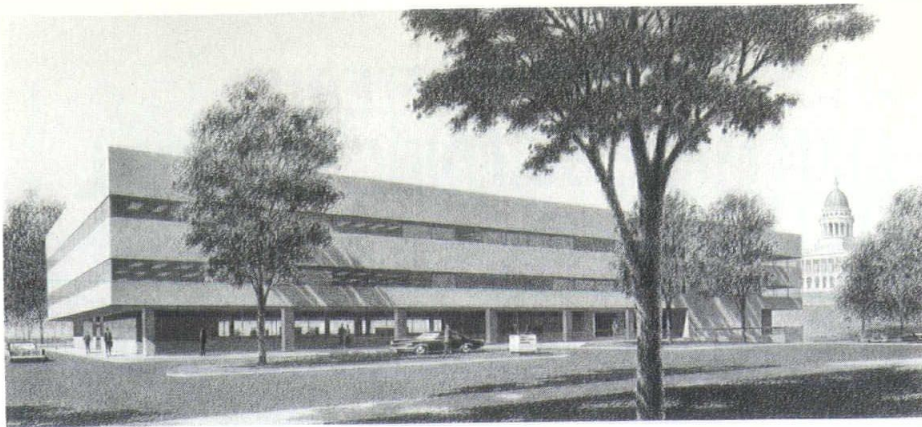
call or write Bob Joyce

MASSACHUSETTS



MASONRY INSTITUTE

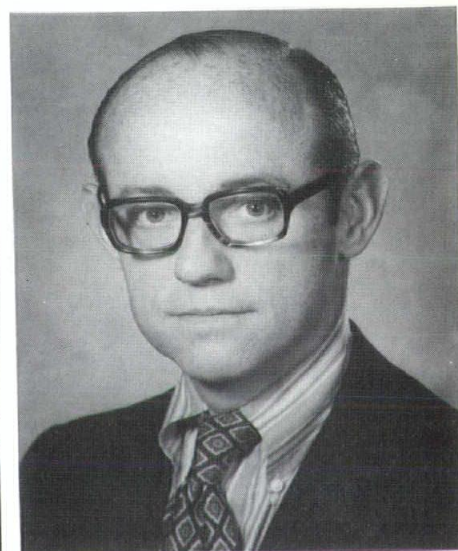
550 Medford St., Charlestown, Ma. 02129 (617) 242-5504



Design-Build Team For Maine Facility

THE Bureau of Public Improvements for the State of Maine has announced the selection of the "Design-Build Team" including The Architects Collaborative Inc., of Cambridge, Massachusetts (Richard Brooker and Richard Sabin in charge); Webster, Ebbeson, Baldwin & Day, Architects of Bangor, Maine; and Stewart & Williams, Inc., Developers and Contractors of Augusta, Maine as the winners of the design competition for the new Maine State Office Building to be built in Augusta, Maine. The four-story, lift-slab constructed facility will house the State's Department of Transportation and Motor Vehicles.

William McCormick
Joins Keyes Associates



W.M. McCormick

Keyes Associates, Providence-based Architect-Engineer-Planning firm, has announced that William M. McCormick has joined the firm in the newly created position of Business Manager.

In addition to overseeing the company's business operations, Mr. McCormick will be responsible for many of the other non-technical functions of the firm.

For the past nine years, he has served in administrative, financial and systems functions with A.T. Cross Co. Prior to that, he was employed in those same areas with Brown & Sharpe.

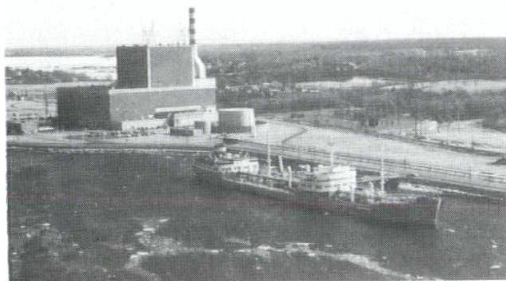
Mr. McCormick, a Providence native, now resides in Warwick.



DUNCAN GALVANIZING CORP.

69 Norman Street
Everett, Mass. 02149

800 TONS OF STRUCTURAL
STEEL HOT DIP GALVANIZED
FOR POWER GENERATING
PLANT



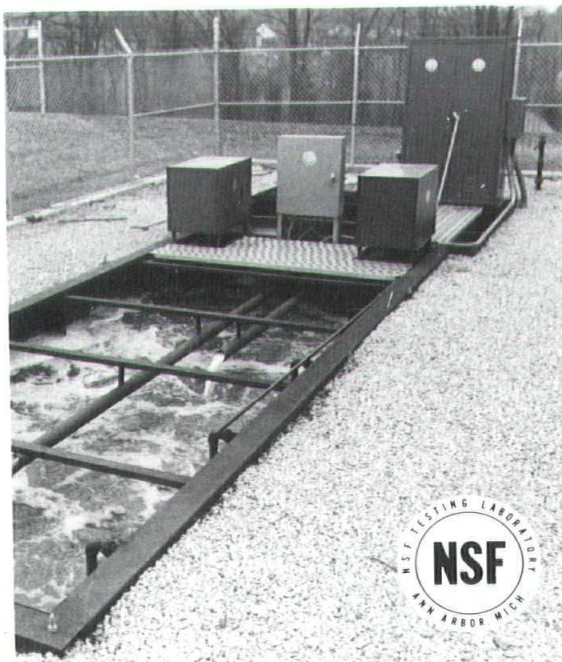
Canal Plant No. 2
Sandwich, Ma.

Joint Venture: Canal Electric
Montaup Electric
Engineer: Stone & Webster/Boston, Ma.

In a marine environment, corrosion poses a severe problem. Any protective coating for exposed steel must be chosen for its ability to give the longest term, most maintenance free life to that steel at the least initial and long term cost.

For free consultation phone (617) 389-8440.

Purestream can tackle nearly any sewage treatment problem.



Aerobic prefabricated systems

National Sanitation Foundation
approved from 5,000 to
100,000 GPD

Can equip schools, subdivisions,
motels or hotels, small commu-
nities, industrial parks, recrea-
tional areas and restaurants.

Leasing arrangements can be
tailored to the specific needs
and requirements of prospec-
tive users.

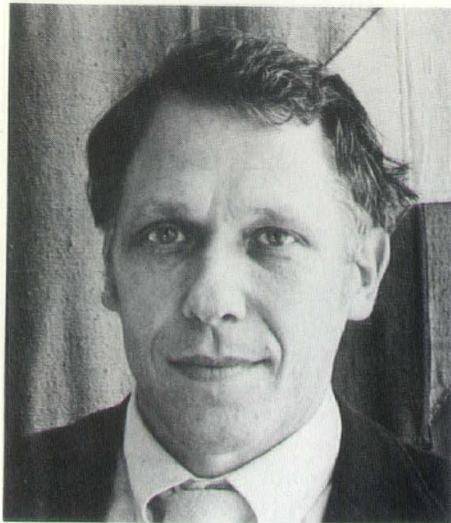
ENCO SCIENCES

Box 591A
Rockland, Maine 04841
207-594-2067

Distributor for Purestream
Industries, Inc. in
Northern New England



Habraken to Head Department at M.I.T.



N. J. Habraken

Nikolaas John Habraken, the widely known Dutch architectural innovator and theorist, will become head of the Massachusetts Institute of Technology Department of Architecture in August, 1975, succeeding Donlyn Lyndon, who indicated last spring his intention to resign.

Announcement of Professor Habraken's appointment and of Pro-

fessor Lyndon's resignation was made by Dean William L. Porter of the School of Architecture and Planning.

Professor Lyndon will remain as head of the department until next August.

"At that time Professor Lyndon will continue teaching in the architecture design program and will devote increasing attention to the role of architecture and environmental art in shaping and enriching the public environment," Dean Porter

SPAULDING BRICK COMPANY, INC.

Distributors of Brick and Clay Pavers

120 MIDDLESEX AVENUE,
SOMERVILLE, MASSACHUSETTS
TEL: (617) 666-3200



Project:
Headquarters Building
Liberty Mutual Insurance Company
Portsmouth, N.H.



BRICK MFG.
Kane Gonic Brick Corp.

Architect:
Perry, Dean & Stewart
31 St. James Avenue
Boston, Mass.

Principal in charge:
Richard Davies

engineered masonry construction

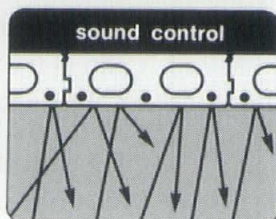
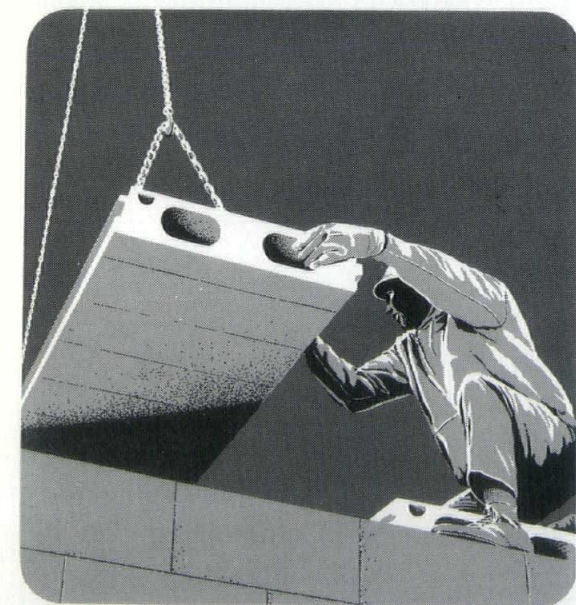
STRUCTURAL CONCRETE MASONRY WALLS and PREFABRICATED FLOOR AND ROOF SLABS

Low Initial Cost ■ Structural Integrity ■ Flexibility of Design ■ Speed of Construction ■ Improved Sound Control ■ High Fire Resistance ■ Reduced Maintenance and Operating Costs

The Plasticrete engineered masonry construction system is particularly well suited to multicellular dwellings such as apartments, hotels and student housing. The walls and floors essential to structural integrity inherently yield excellent properties of fire resistance, sound control and permanence . . . characteristics which are most desirable for these building types. No other system can offer all these advantages . . . and economy too! Send for *FREE* detailed literature.

plasticrete corporation

908 FELLSWAY, MEDFORD, MASSACHUSETTS 02155 • TELEPHONE (617) 381-4700
GENERAL OFFICES: 1983 DIXWELL AVENUE, HAMDEN, CONNECTICUT 06514



said.

M.I.T.'s Department of Architecture is the oldest of its kind in an American college or university. Architecture was taught as a course from M.I.T.'s beginnings in 1865 and

became a separate academic department in 1871. The department's interests in recent years have expanded to include, besides the core of architecture, such areas as photography, film, visual design and art

history. The department faculty now numbers more than 35 persons, while some 300 students are majoring in studies offered by the department. In addition, the department provides architectural, art and design instruction for students from a wide variety of other departments.

Professor Habraken served as chairman of the Department of Architecture and Building Technology at the Technical University of Eindhoven, The Netherlands, from 1967-70, and is presently professor of architecture and urban design there.

"As architectural innovator and theorist, he has achieved a fine and well-deserved reputation," Dean Porter said. "He is noted for his research on means to enhance individual creativity and control over the residential environment while realizing some of the potential of industrialization of building."

Professor Lyndon and Professor Habraken "will bring to the Department an outstanding record of research and administration, and a uniquely pertinent set of intellectual and social concerns."

"His research could not more nearly match the basic themes of the Department. With Professor Habraken to carry forward the accomplishments of the last decade, the prospects are for a period of continuing, strong achievements."

Professor Habraken's theory on the industrialization of mass housing differs from that of most automobile-

ALLOW US TO LEASE YOU A BOSTON LANDMARK



THE EXETER STREET THEATRE

26 Exeter Street, Boston, Massachusetts

A DESIGN OF GRANDEUR FOR YOUR FIRM

8000 Sq. Ft.

Of Elegantly Finished Office Space
New Air Conditioning — New Private Elevator
Private Newbury Street Portico Entrance
(Subdivision of Space Possible)

For Information Call: (617) 266-4850
Developer: Raymond Cattle Company
(Brokers Protected)

NEW! COPY IN
COLOR
COLOR
COLOR
COLOR



845 BOYLSTON ST., BOSTON
(OPPOSITE THE PRUDENTIAL)
FOR FAST PICK UP AND DELIVERY
DIAL C-O-P-Y C-O-P
OPEN EVENINGS AND SATURDAYS

Berard Construction Co., Inc.

**General Contractors
Residential
Commercial
Industrial**

Mailing Address:
1235 Airport Parkway
So. Burlington, Vt. 05401

Office Address:
8 Commerce St.
Williston, Vt. 05495
Tel. 802-862-5749

house analogists in that he sees the failure of mass housing to equal the performance of the auto industry as an indictment of the principle of mass housing as it is understood today. In his book, *De Dragers en de Mensen: Het Einde van de Massawoningbouw* (*The Supports and the People*), published in 1961, he said:

"The industrialization of housing which is so often discussed is nothing but mechanization of the

mass housing project. If we wish to investigate conditions necessary for an industrialized *housing process* we must bear in mind that this does not automatically imply industrialization of the mass *housing project*.

"The 'natural relationship' presupposes that the dwelling is independent and that it is possible to alter, improve or replace it *independent of its surroundings*. Up to now this has been possible only with the detached one-story house, a

fact which goes far to explain its popularity. To revise the housing process this flexibility must be made possible in the case of high rise dwellings as well. This, stated briefly, is a concrete problem which must be solved in order to derive a contemporary housing process."

Professor Habraken was married in 1958 to the former Emmy Marlene Van Hall. They have two children.



NORTH BERWICK, MAINE 03906
Tel. 1-207-676-2273

Roll-Out Gym Seats

Grandstands

Bleachers

Telescopic
Platforms

School Equipment

Tables

Back Stops



**Bonds
are
Our Business**

Insurance by Professionals

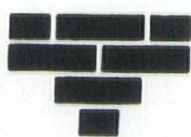
P.O. Box 511, 139 Loudon Road, Concord, New Hampshire 03301

Telephone 224-2562

**T. A. HAIGH
LUMBER CO. INC.**

**VERMONT'S LEADING
ARCHITECTURAL
MILLWORK HOUSE**

315 Pine St. & 120 Lake St.
Burlington, Vt. 05401
Tel: 802-863-3428



W. S. GOODRICH, INC.

Established 1906
Manufacturers of

Water Struck Brick

HARVARD, COLONIAL, ANTIQUE, FACE AND COMMON BRICK

Recently Completed:

Cancer Management Research Center-Mass. General Hosp. - Boston, Mass.

Westport High School Addition - North Bedford, Mass.

Amoskeag Bank Branches:

— Hanover St., Manchester, N.H.
— Hookset, N.H.

■ Epping, New Hampshire

■ Telephone 679-5338

■ Telephone 679-5339

**Also Sales Outlet for a complete line of Masonry Supplies
Supplying Schools, Churches, Industrial Buildings,
Town Houses, Apartments and Home Construction.**

ANDERSON RESIDENCE

THE 6,000-square-foot residence designed *by* and *for* David Anderson, principal in the firm of Drummey Rosane Anderson, Wellesley, Mass., opens up to an intimate view of the Charles River and many acres of conservation preserve.

The architect's former home was on a large pond and his family's summer residence on Martha's Vineyard is situated on twenty acres overlooking the ocean. Consequently, it was decided early on that the new house would be located on water. Of equal importance was the preservation of the site itself.

The northern elevation is predominantly glass to take advantage of the view, and bring the natural environment of the trees and water into the home.

The two-story structure fits into the steep riverbank, and the segmented blocks of the building follow the meandering Charles down the site.

The southern exposure of the conservatory and a series of "sun scoops," which add a strong sculptured roof form, bring warmth and light into the upper level of the house.

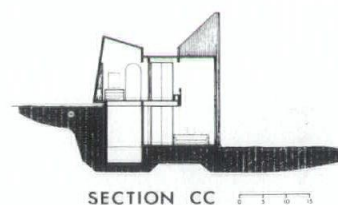
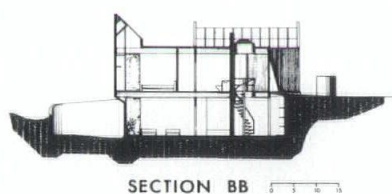
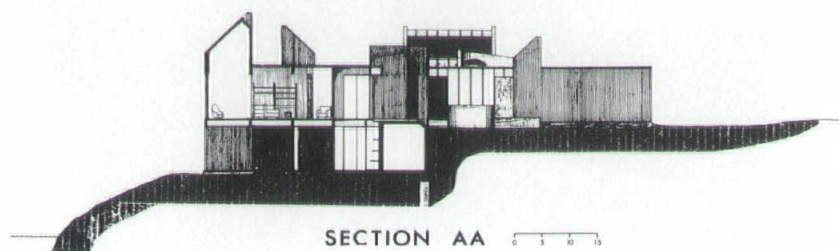
The rough-sawn, grey-stained vertical siding of cedar and extensive use of standing-seam copper are carefully related in color and texture to the lush site.

Exterior materials and curvilinear forms are recalled within the structure, juxtaposed against a series of



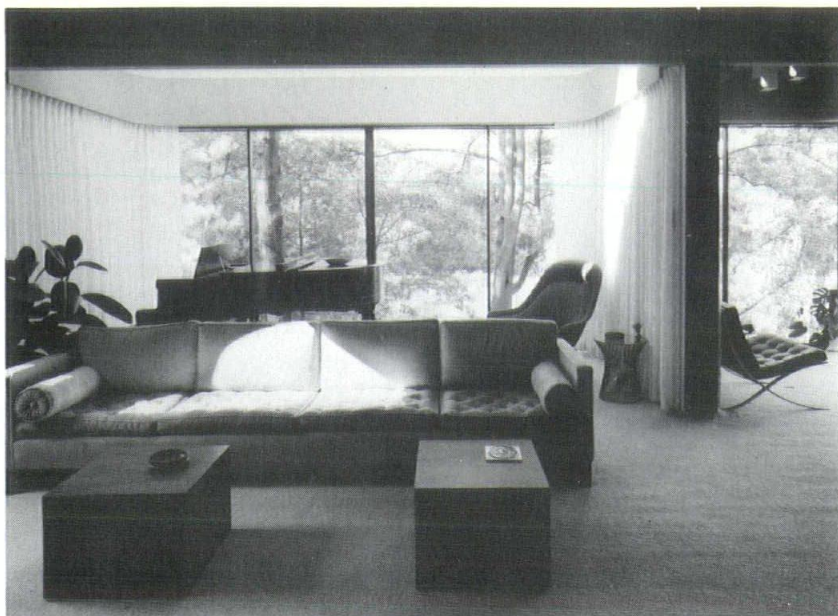
*Architects: Drummey Rosane Anderson
Wellesley, Mass.*

DOVER, MASS.



*Interior Design Consultants:
Tashtego Associates of Edgartown, Mass.*

Photography: Lawrence S. Williams



The earth tones and accent colors of the interior reflect the natural beauty of the site.



The southern exposure of the conservatory and a series of "sun scoops," which add a strong sculptured roof form, bring warmth and light into the upper level of the house.

major cubist spaces of laminated wood beams and decking.

The round forms are used in spiral staircases with cylindrical, board-form concrete shells; a series of arched openings; curved valences for the glass curtains; and the bass wood tambour canopies in the front hall, master bedroom, and guest suite.

The earth tones and accent colors of the interior reflect the natural beauty of the site.

MATERIALS:

All Electric Heating and Air Conditioning, Boston Edison Co.

Amana Heating and Air Conditioning, Belco Distributors, Burlington, Mass.

Lighting Fixtures, Lightolier.

Carpeting, Roxbury Carpet.

Alarm System, Alarm Tech.

Arcadia Doors, Architectural, Metal Systems, Karas & Karas.

Brick Paving, Spaulding Brick.

Landscaping, Dowd's Nursery.

Kitchen Cabinets and Appliances, Lee Kimball Kitchen, Canal St., Boston.

Stain (Exterior), Samuel Cabot, Inc.

Laminated Wood Beams, Wood Fabricators, Inc.

Hardware, Ruswin & Stanley.

Overhead Garage Door, Fimbel Door Co.

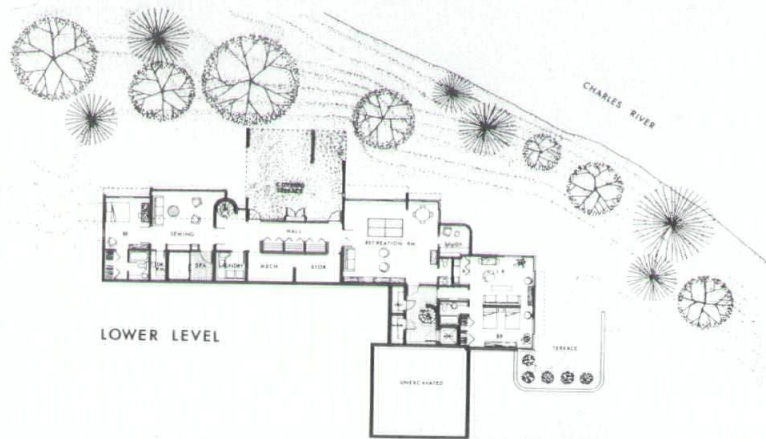
Spiral Stairs, Dunvinage Corp., Hagerstown, Md.

Elevator, Beckwith Elevator.

Fireplace, J.F.W. "Jupiter."

Spa (Jacuzzi), Abbott Pool.

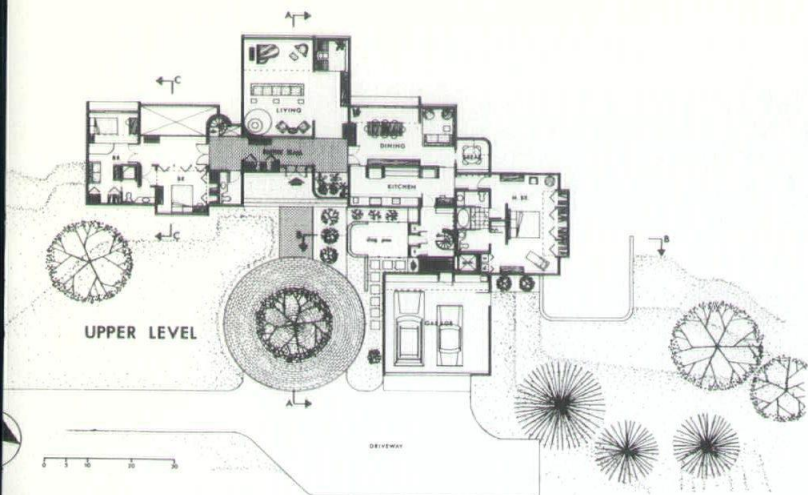
Furnishing and Interiors, Tash-tego Associates of Edgartown, Mass.



Exterior materials and curvilinear forms are recalled within the structure, juxtaposed against a series of major cubist spaces of laminated wood beams and decking.

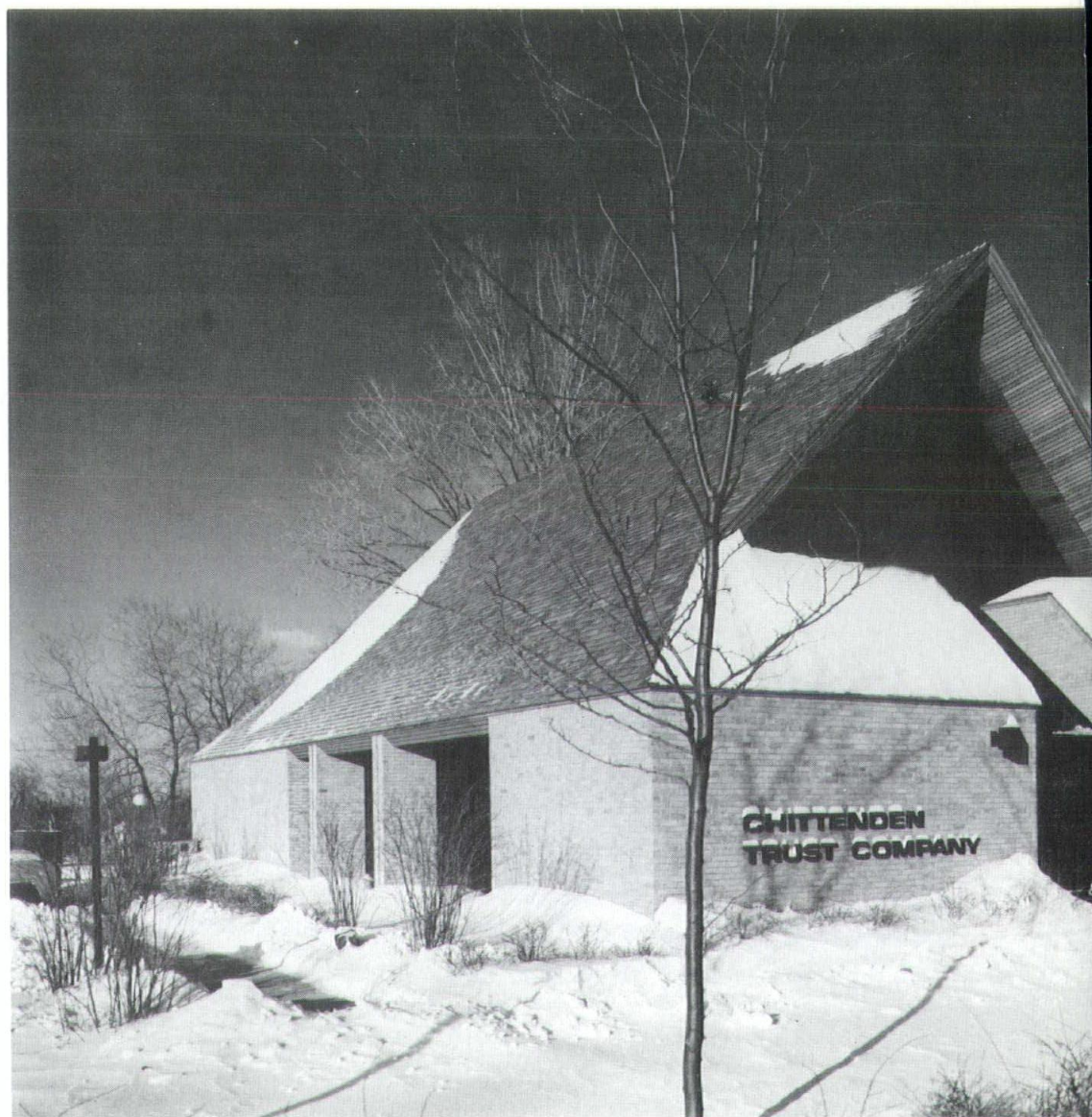


Cantilevered area off the Living Room is visible from the Dining Area.



The rough-sawn, gray-stained vertical siding of cedar and extensive use of standing-seam copper are carefully related in color and texture to the lush site.

CHITTENDEN BANKS

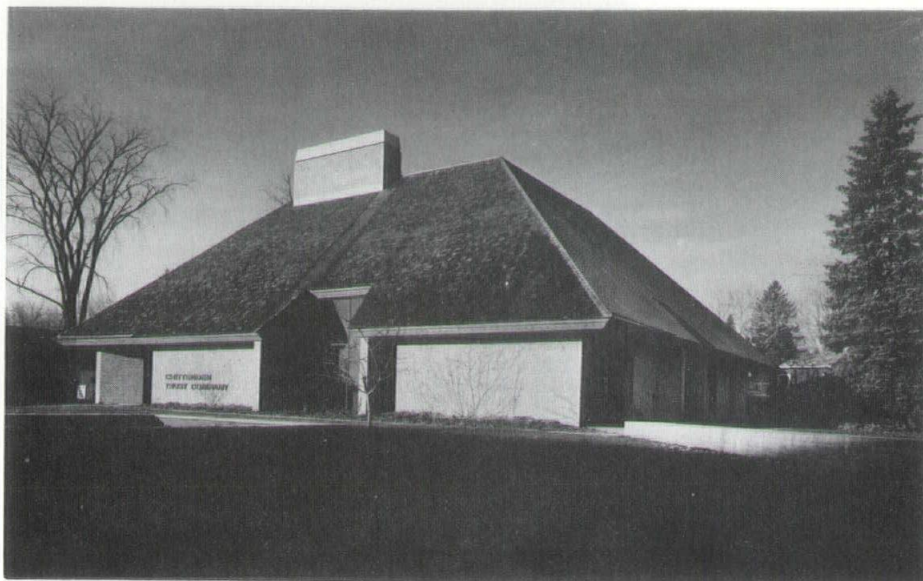


Swanton

Photographs by Sanders Milens

VERMONT

Essex Junction



Middlebury

FREEMAN French Freeman of Burlington, Vt., have designed 12 buildings as a part of the Chittenden Bank's expansion program which began in 1968. Each bank was designed to answer the specific requirements and programmed facilities for the area in which it is located.

Although there is a strong design relationship between the banks, no attempt was made to establish a strong common identity. Each design stems from a response to the individual location and a selection of appropriate materials for that building.

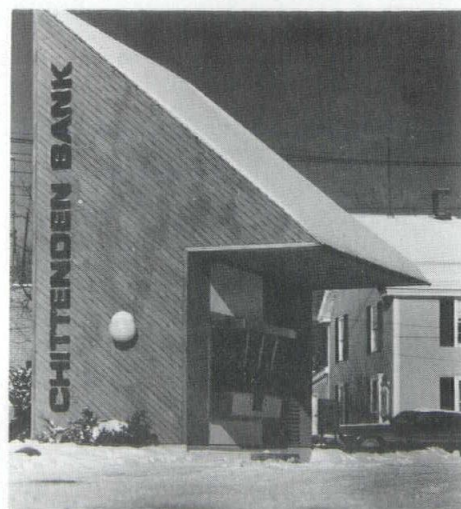
It speaks well for the Chittenden Trust Company that they were concerned with the relationship of each new facility on the community and wanted every effort made to provide an attractive building that would be in response to the community rather than a typical commercial structure.

Newport, Vermont:

Building Type — One story wood frame with partial basement. First floor area — 4,900 square feet.

Materials Exterior — Cedar shingle roof, brick veneer walls and solar bronze glass.

Materials Interior — Bluestone flooring, sheetrock walls and ceilings. Tellers' counter faced with formica.



Banking Facilities — Nine tellers' stations and two drive-up windows.

Mechanical System — Oil-fired, hot air heating system with summer air conditioning.

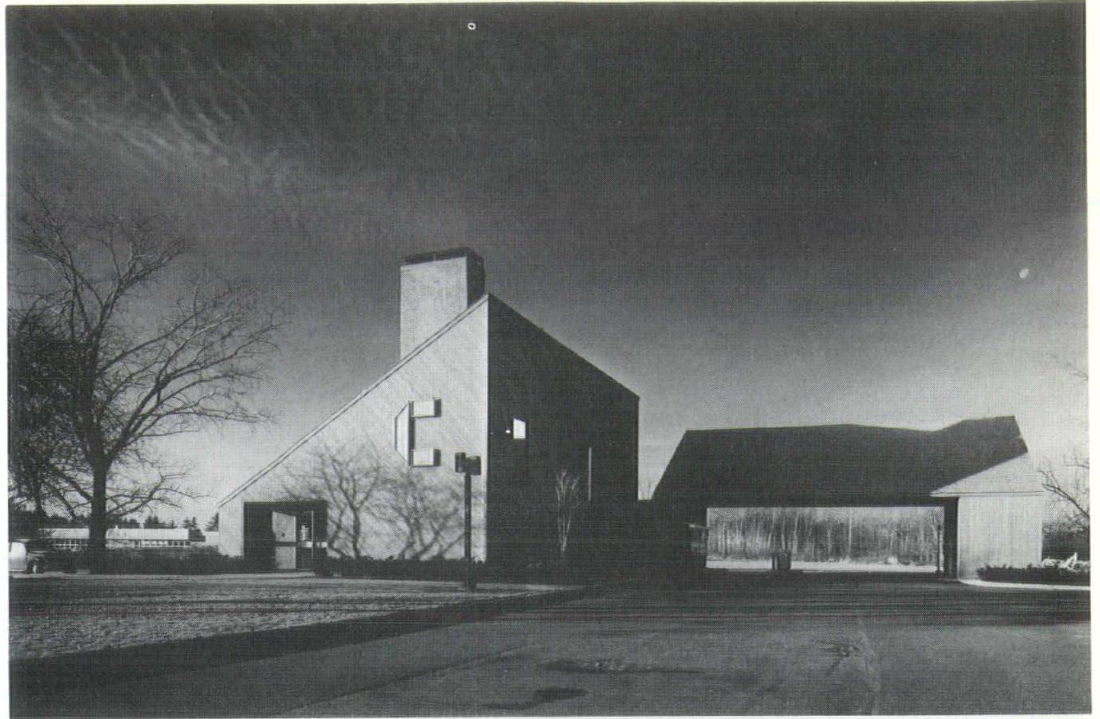
Contractor — Malcolm Pickel, Swanton, Vermont:

Building Type — One story with full basement and mezzanine area. Steel frame with masonry walls. First floor area — 3,800 square feet.

Materials Exterior — Cedar shingle roof, brick walls and solar gray glass.

Materials Interior — Brick panel flooring, sheetrock walls and cedar ceilings. Banking counter faced with brick pavers.

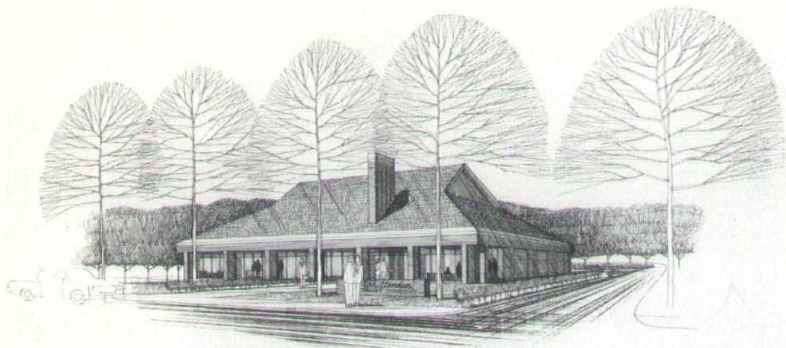
Architects:
Freeman French Freeman
Burlington
Vermont



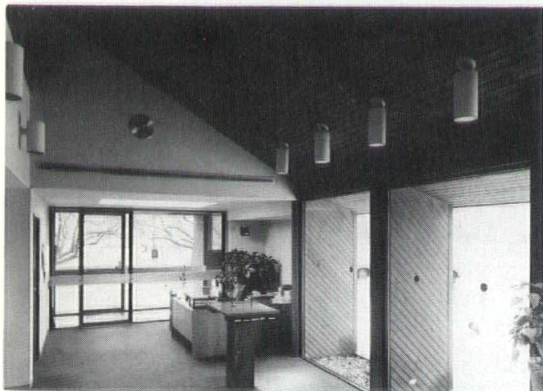
*South
Burlington*



Shelburne



Newport



South Burlington (above)



Essex Junction (right)

Banking Facilities — Six tellers' stations and one drive-up window.

Mechanical System — Electric heat and air conditioning.

Contractor — John Goodrich Construction Company.

South Burlington, Vermont:

Building Type — One story, wood frame slab on grade. Mezzanine space along tellers' area. First floor area — 2,100 square feet.

Materials Exterior — Rough spruce siding stain finish. Cedar shingle roof.

Materials Interior — Carpeted floors, sheetrock walls. Rough sawn spruce ceilings. Formica tellers' counter.

Banking Facilities — Three tellers' stations — two drive up stations.

Mechanical Systems — Gas fired, hot air heating systems. Ducted air conditioning system.

Contractor — Berard Construc-

tion Company.

Shelburne, Vermont:

Building Type — One story with full basement. First floor area — 2,560 square feet.

Exterior Materials — Cedar shingle roof and cedar trim, brick exterior walls, solar gray glass.

Interior Materials — Carpet and slate floors. Sheetrock walls and ceiling.

Banking Facilities — Three tellers' stations with one drive-up window.

Mechanical System — Oil fired, hot air heating system with air conditioning.

Contractor — Raymond Drolette.

Essex Junction, Vermont:

Building Type — One story with full basement and mezzanine area. Steel frame with bearing walls. First floor area — 4,890 square feet.

Materials Exterior — Cedar shin-

gle roof and cedar trim, brick walls, with solar gray glass.

Materials Interior — Sheetrock walls and ceilings with cedar trim. Bluestone pavers and carpeting. Granite faced tellers' counter.

Banking Facilities — Five tellers' stations and two drive-up windows.

Mechanical System — Oil-fired forced air system with air conditioning.

Contractor — Reed & Stone.

Middlebury, Vermont:

Building Type — One story, slab on grade wood frame structure.

Exterior Materials — Cedar shingle roof, rough sawn spruce siding.

Banking Facilities — One drive-up window.

Mechanical System — Electric heat and air conditioning.

Contractor — W.H. DeLong, Inc.

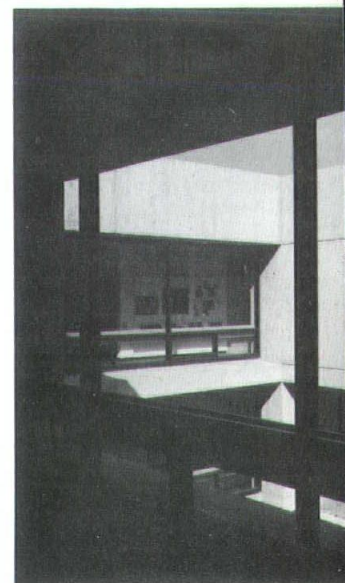
1974
NEW ENGLAND
REGIONAL
A.I.A. AWARDS



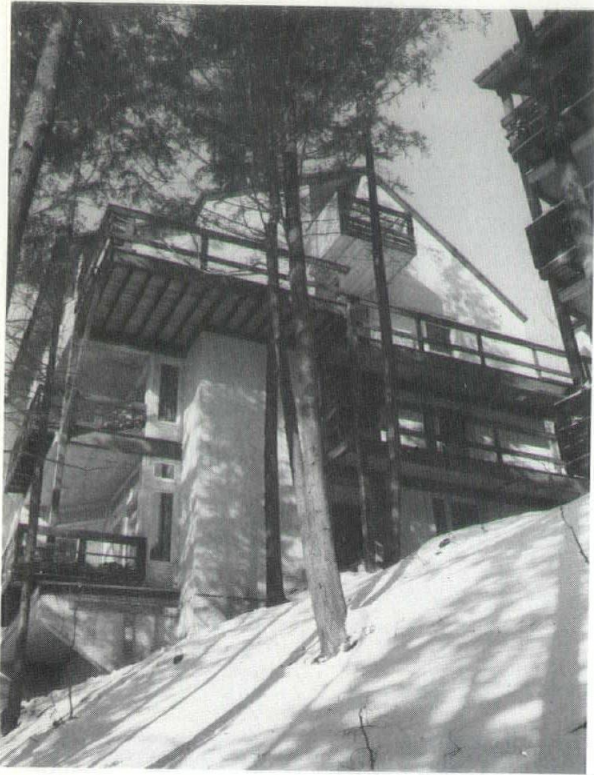
1st Honor Award — *Plumley Village, East, Worcester, Mass. Benjamin Thompson and Associates, Inc. (Photograph by Ezra Stoller).*



1st Honor Award — *Lyndon State College Library, Lyndonville, Vt. The Perkins and Will Partnership.*



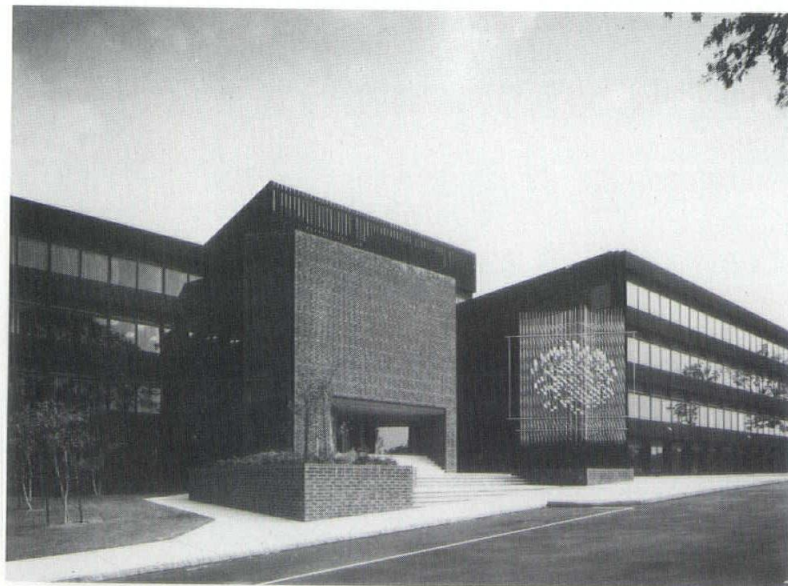
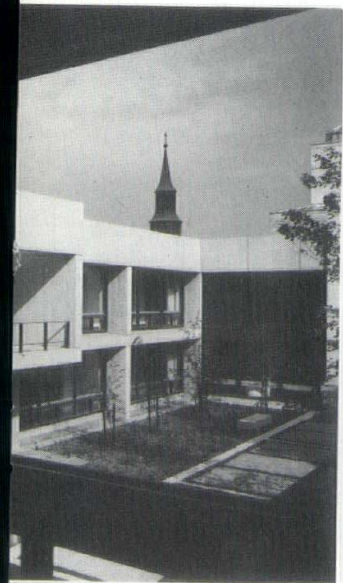
Honor Award — *Worcester Art Museum School, Worcester, Mass. The Architects Collaborative, Inc. (Photo by Ezra Stoller).*



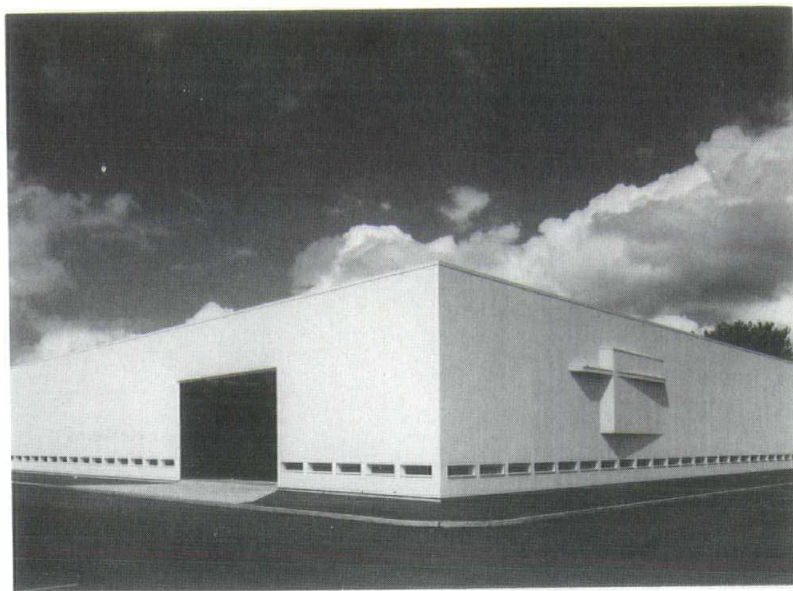
Honor Award — *The Bridges*, Warren, Vt. Malcolm Appleton.



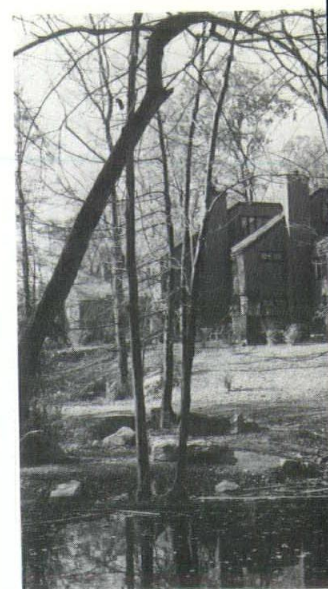
Honor Award — *Nauset Regional High School*, Eastham, Mass. *The Architects Collaborative, Inc.* (Photo by Phokion Karas).



Honorable Mention — *Wellesley Office Park Building No. 5*, Wellesley, Mass. *Pietro Belluschi, Inc. Jung/Brannen Associates, Inc.* (Photography by Gorchev and Gorchev).



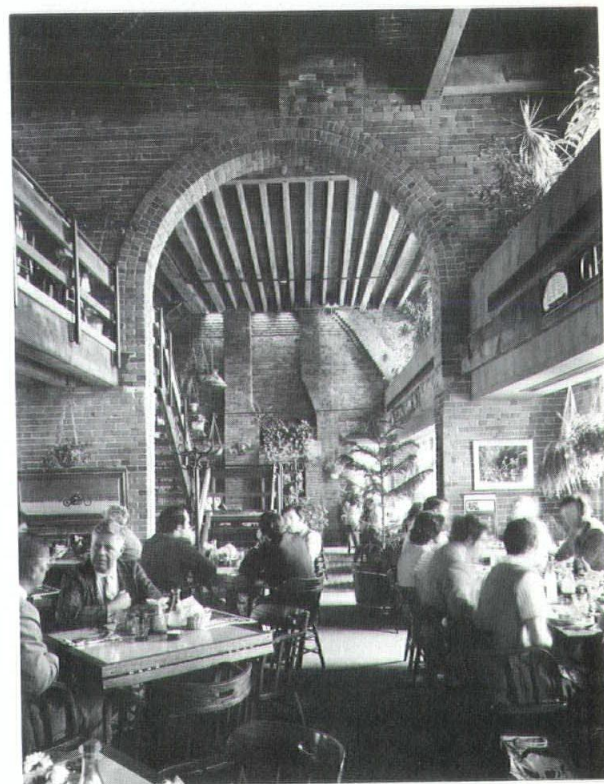
Honorable Mention — *Blessed Sacrament Church,*
East Hartford, Conn. Russell Gibson von Dohlen,
Inc. (Photography by Charles N. Pratt).



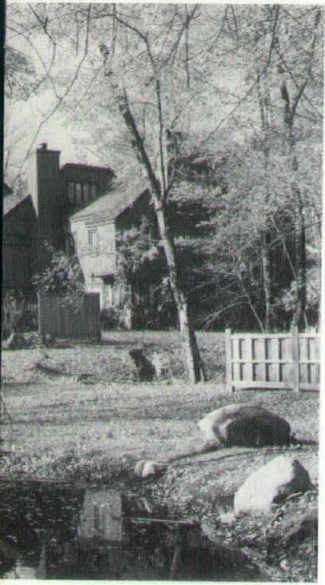
Honorable Mention — *Talcott Village,* Farmington, Conn.
Architect: August Rath;
Planning: Callister Payne and
Bischoff. (Photography by
Charles Callister, Jr.)



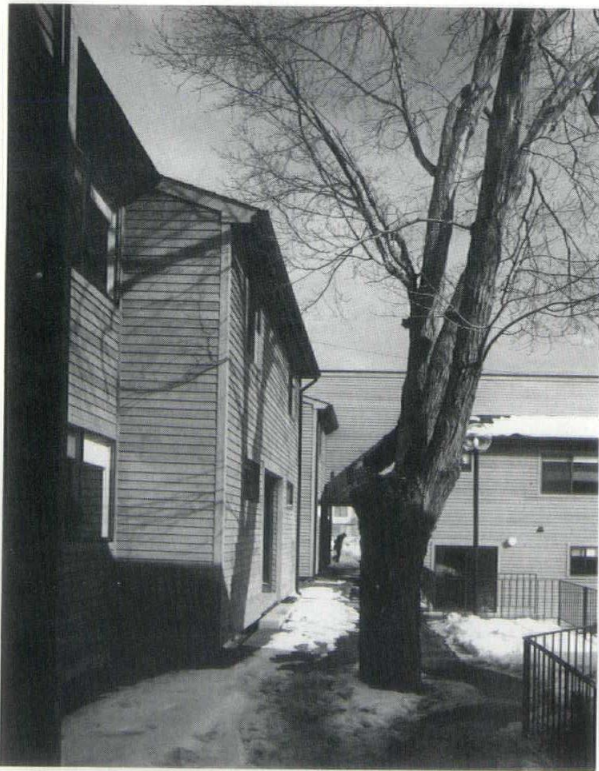
Honorable Mention — *New England Aquarium Ad-
dition,* Boston, Mass. Cambridge Seven Associates,
Inc. (Photo by Steve Rosenthal).



Honorable Mention — *Chart House Restaurant,*
Boston, Mass. Anderson Notter Associates, Inc.
(Photo by Randolph Langenbach).



Honorable Mention — *Sunoco Service Station, Boston, Mass. Anderson Notter Associates, Inc. (Photography by Hutchins Photography, Inc.)*



Honorable Mention — *Hill Homes Model Cities Housing, Springfield, Mass. Stull Associates, Inc.*

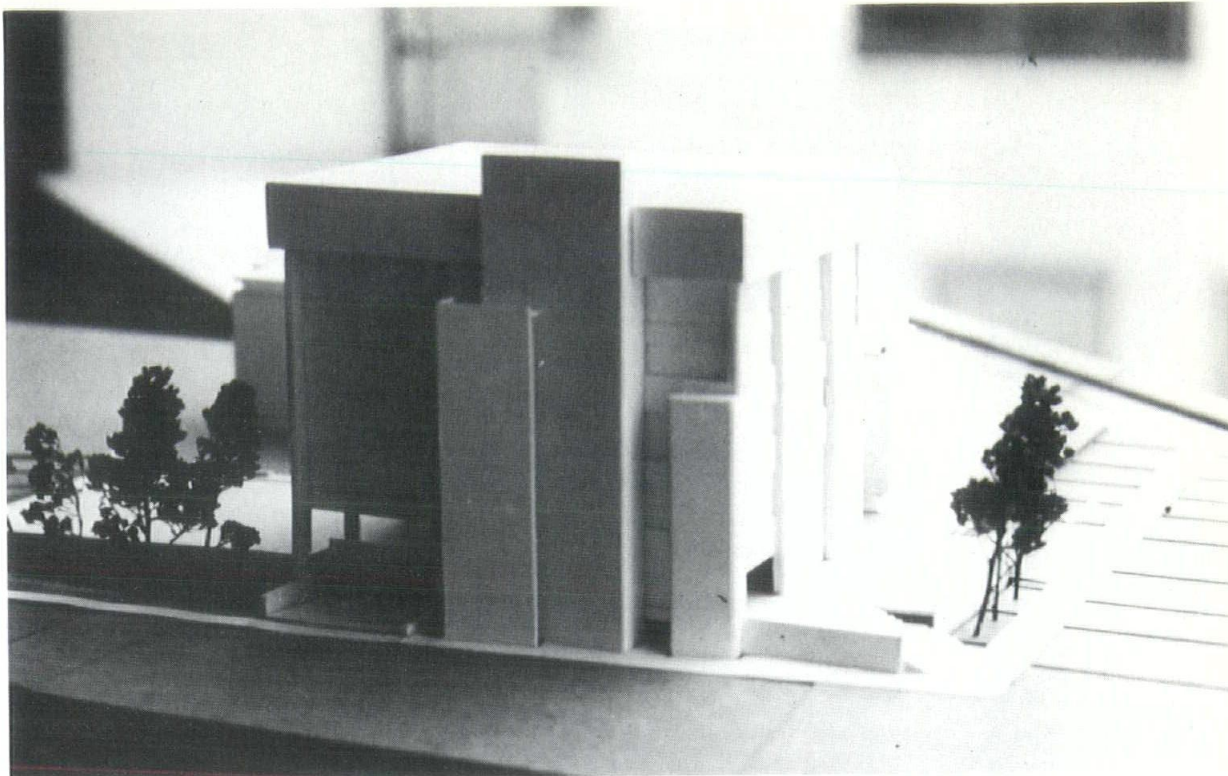


Honorable Mention — *Custom House Block, Boston, Mass. Anderson Notter Associates, Inc. (Photo by Jan Corash).*

(NOTE: A photograph of the following project was not available at press time: *Honorable Mention — Sugarloaf Mountain Village, Kingfield, Maine. Architects, Ecodesign, Inc.*)

ON THE

DRAWING BOARD



DARTMOUTH NATIONAL BANK HANOVER, N.H.

CONSTRUCTION of a new \$1.5 million bank and office building for the Dartmouth National Bank of Hanover, New Hampshire is scheduled to start in the spring.

The new bank headquarters designed by the Quincy, Massachusetts firm of Kenneth F. Parry and Associates, Inc. will be situated adjacent to the Nugget Arcade and Theater complex.

The existing pedestrian mall along the Nugget Complex will be extended southward to become the floor of the bank lobby. This high ceiling space will serve as a terminus to the mall and it is hoped that a paved alley flanking the new lobby and the old theater wall will develop with shops, street furniture, etc. in the future.

Bank President Fred White believes that the bank will use most of the 120 ft. x 75 ft. three-story building with the exception of the top floor, which will be reserved for lease to an office tenant. There

will also be provision made for the addition of a future fourth story.

The concept of the total project including the new pedestrian ramps and terraced gardens along South Main Street has been inspired by Hanover's Master Plan. The building is intended to be a visual "anchor" at the southern extremity of the Town's main shopping thoroughfare. The extensive use of brick by the Architects is intended to complement the scale and character of this New England Community.

A parking deck designed in conjunction with the new bank building is presently in construction under the management of Nelson-Trumbull, Inc. It is anticipated that the entire complex will be complete in the summer of 1975.

STRUCTURAL ENGINEER: David M. Berg, Needham, Massachusetts.

H.V.A.C. ENGINEERS: R. D. Kimball Co., Cambridge, Massachusetts.

Architects:
Kenneth F. Parry
& Associates
Quincy, Mass.

Wilson Art Names Maine Distributor

Wilson Art Co. of Temple, Texas has announced the appointment of a new distributor for Maine, according to H. C. "Ty" Gillies, New England District Manager.

The new distributor is:

Building Materials, Inc.
664 Washington St.
Auburn, Maine 04210

The new distributor will carry the complete Wilson Art line of high-pressure laminated plastics and contact cements.

Franchi Brothers Awarded \$2 Million Contract

A \$2,097,000 contract to build a 41,182-sq.-ft. mail processing center in Woonsocket, R.I., has been awarded to Franchi Brothers Construction Corporation, Auburndale, Mass.

The new facility will be built on a site at the intersection of Social and Worrall streets.

The center was designed by the firm of Lester J. Millman, architect and engineer, Providence, R.I.

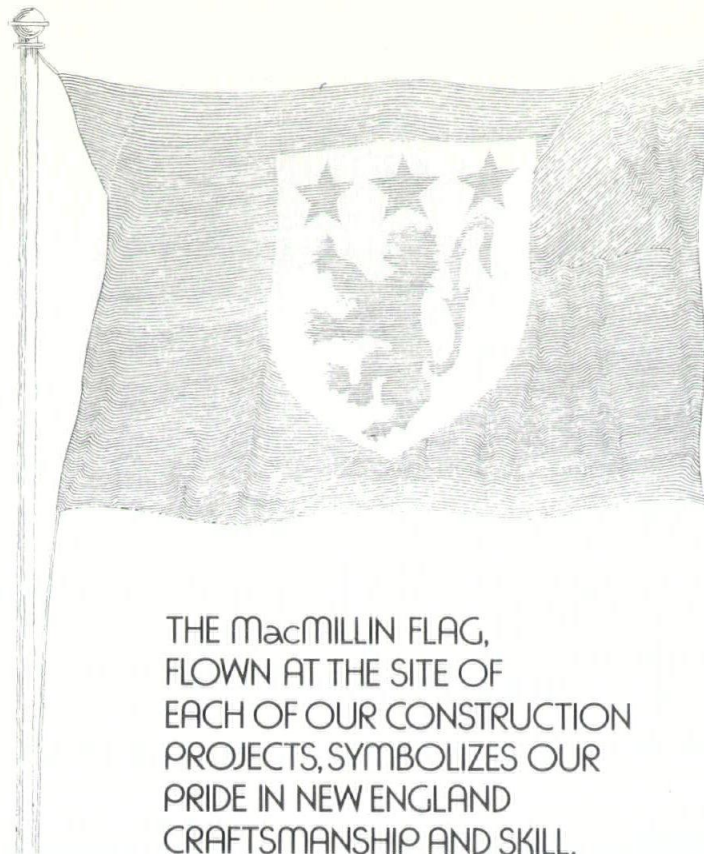
Site preparation will begin soon with occupancy scheduled by the winter of 1976.

Franchi Brothers' bid was the lowest of three submitted.

N.E. Architecture Exhibit Due at De Cordova

An exhibition devoted to contemporary New England architecture will be presented by the DeCordova Museum in Lincoln, Mass., from November 10, 1974 through January 15, 1975. Entitled "New Architecture in New England", the exhibition will focus on fifty buildings selected primarily for their aesthetic distinction. The exhibition will include only institutional buildings — churches, schools, libraries and businesses — constructed in the past ten years. Each building will be presented by means of slide projections and mural photographs, and an illustrated catalogue will provide supplementary information.

Co-Directors of the exhibition are Frederick Walkey, Director of the DeCordova Museum, and Eva Jacob, Museum researcher and lecturer. Their purpose in organizing the exhibition is three-fold: to give recognition to outstanding contemporary buildings in New England, to increase public understanding and appreciation of innovative architectural design, and to emphasize



THE MacMILLIN FLAG,
FLOWN AT THE SITE OF
EACH OF OUR CONSTRUCTION
PROJECTS, SYMBOLIZES OUR
PRIDE IN NEW ENGLAND
CRAFTSMANSHIP AND SKILL.

THE MacMILLIN COMPANY, INC. BUILDERS



KEENE • NEW HAMPSHIRE

MEMBER: THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA • ASSOCIATED BUILDERS & CONTRACTORS, INC.

He's Back

The President's Committee
on Employment of the Handicapped
Washington, D.C. 20210

Hire the
Disabled
Veteran



the importance of good design in public buildings.

Each building in the exhibition will be represented by a large mural photograph and by a series of 35 mm color slides showing various views and details of the structure

together with its surroundings. Several different views will be projected simultaneously on a wide screen, and a voice narrative and recorded local sounds will accompany the projections. In addition to the major, wide-screen presenta-

tion for each building, which will emphasize exteriors, there will be smaller viewing stations elsewhere in the Museum galleries where selected interiors will be shown in detail. The slides will give viewers the sense of actually walking in and around each building and will impart a dynamic quality to the entire exhibition.

**Lorinda Wilder Heads
Boston ASA Chapter**

The Boston Chapter of the Architectural Secretaires Association has announced the installation of the following officers:

President — Lorinda Wilder of Parsons, Brinckerhoff, Quade & Douglas, Boston;

Vice President — Mary Jane Stambaugh of Edw. Sears Read Associates, Boston;

Recording Secretary — Theresa Beradino of John M. Gray Co., Boston;

Corresponding Secretary — Virginia Pauzé of Albee, Harrold, Hirth & Rowley, Inc., Braintree;

Treasurer — Dorothy Bowe of Sullivan Design Group, Braintree.

Board of Directors include:

Rita Corbett of Hugh Stubbins

ACOUSTICAL CEILING SYSTEMS

FOR THE NASHUA LAW OFFICES

of

HAMBLETT, KERRIGAN, LA TOURETTE & LOPEZ

by

PITCHER ASSOCIATES, INC.

Mammoth Road, Pelham, N.H.

Tel. 603-882-8182

BEAN

R. E. BEAN CONSTRUCTION CO., INC.

Industrial — Commercial — Institutional

25 ROXBURY STREET, KEENE, N.H. — TEL. 352-1774

& Associates, Cambridge;
Kay O'Leary of The Architects Collaborative, Cambridge;

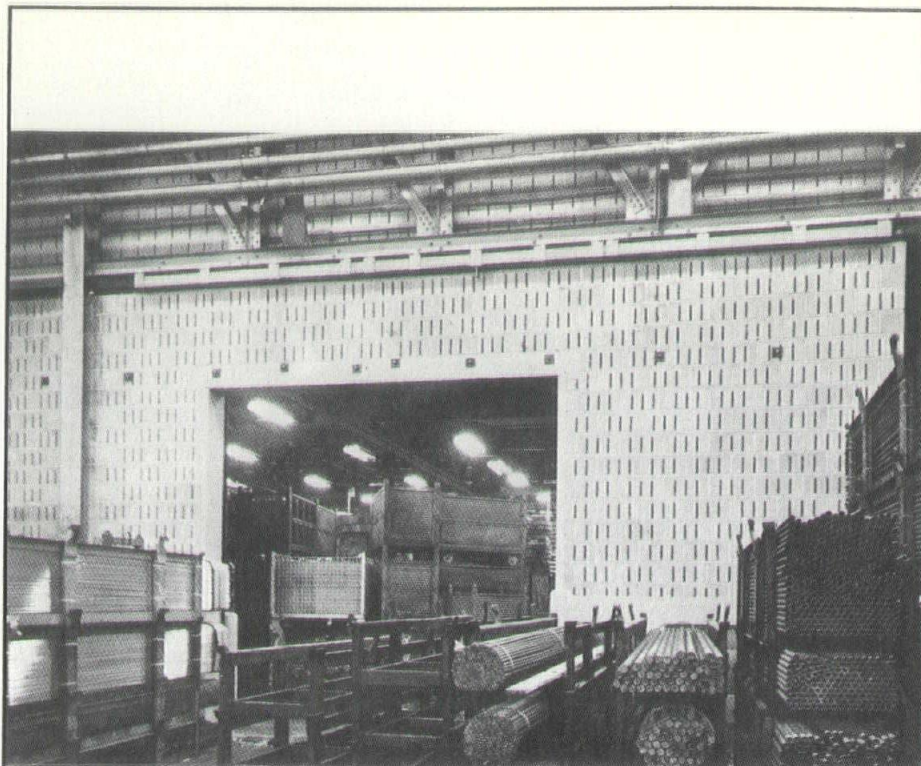
Phyllis Anzalone of Shepley, Bulfinch, Richardson & Abbot, Boston.

The ASA is a national organization with 21 chapters in various states, including Hawaii and Alaska. The first chapter was chartered in Miami, Florida, in 1961.

Formed out of a concern by architectural secretaries for their own professionalism, ASA aims to "advance and promote the educational and professional standards of non-technical architectural employees; to encourage and promote the exchange of ideas and education between employees and nontechnical employees; and to cooperate with civic organizations whose undertakings are of vital community concern." The ASA is a nonprofit, non-discriminatory and nonunion organization.

Precast Concrete Components Course Planned

A special five-day course in improved techniques, better planning, precise estimating, and effective controls in the erection of precast concrete components is being scheduled by the Prestressed Concrete Institute. The erection course — offered for the first time in the U.S. — will be held Tuesday, November 5 through Saturday, November 9, 1974, at the Bismarck Hotel, downtown Chicago.



WALL FUNCTION INSIDE

The coveted advantage of quiet at the lowest possible cost can be achieved with exposed interior block walls. This special slotted unit is particularly suited for industrial buildings. The slots enable the closed cavities to act as damped resonators, and the added dimension of sound control results.

DURACRETE BLOCK CO., INC.

MANCHESTER, N.H. — MANUFACTURERS OF CEMENT BLOCKS

NEW HAMPSHIRE'S

OWN PAINT MANUFACTURER
FOR MORE THAN A QUARTER
OF A CENTURY

Paints for the Home
(including Authentic Colonial Colors
which have a nation-wide reputation)

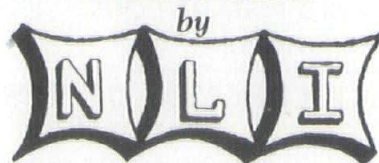
Paints to Specification for
Commerce, Institutions & Industry.

**FLETCHER'S
PAINT WORKS**

Route 101 Milford, N.H.
Factory Branch Stores in
Concord, Laconia, Keene, Lebanon
Woodsville, Hampton, Milford
Littleton (Littleton Hardware)
ALL IN NEW HAMPSHIRE

Landscaping for
EDWARD DEVOTION SCHOOL
Brookline, Mass.

Franchi Construction Co., Inc. —
General Contractor



NORTHERN LANDSCAPE, Inc.

Industrial and Commercial Landscaping

468 MERRIMACK ST., METHUEN, MASS.

TEL. 617-686-6583



Store Front Glass & Glazing Contractors
Distributors Erectors
For Windows and Curtain Walls

GLASS AND WINDOWS
furnished and installed for:
AMHERST MIDDLE SCHOOL
Amherst, N.H.

Architect: Drummy, Rosane, & Anderson
General Contractor: R. E. Bean Construction Co., Inc.

United Glass & Aluminum Co., Inc.
78 Douglas Street, Manchester, N.H.
Telephone: 603-669-2466

NATIONAL PARTITIONS INC.

18 HARBOR AVE., NASHUA, N.H. 603 883-4171

*The Leading Drywall and
Movable Partitions Contractor*

in NEW HAMPSHIRE & VERMONT



DYMENT BROS.

40 CENTRE ST., CONCORD, N.H. Tel: 228-8184



Carpets & Installation for . . .

RESIDENTIAL HALL — KEENE STATE COLLEGE
KEENE, N. H.

CARPETS — SALES & INSTALLATIONS — RESILIENT FLOORS



PRE-CAST CONCRETE OF NEW HAMPSHIRE
INCORPORATED

"Where Quality Comes First"

EPSOM, NEW HAMPSHIRE 03234

Architectural and Structural Precast Concrete Products

Phone: 603-736-9322

Index To Advertisers

Bancroft & Martin Inc.	4
<i>The Advertising Exchange</i>	
R. E. Bean Construction Co., Inc.	30
<i>Bosson-Sawyer</i>	
The Belden Brick Company	3
<i>Frease & Shorr Advertising Co.</i>	
Berard Construction Co. Inc.	12
Business Equipment Corp.	8
<i>Clark, Bernard, Husband</i>	
California Products	6
<i>Quinn & Johnson, Inc.</i>	
Copy Cop, Inc.	12
Corriveau-Routhier	1
Duncan Galvanizing Corp.	10
Duracrete Block Co., Inc.	31
Dyment Bros.	32
Enco Sciences	10
<i>Jameson Point Advertising Agcy.</i>	
Fimbel Door	Cover III
Fletcher's Paint Works	31
4-Power Group	Cover II
<i>Ingalls Assoc. Inc.</i>	
W. S. Goodrich, Inc.	13
T. A. Haigh Lumber Co. Inc.	13
Hussey Products Corp.	13
Local Gas Company	Cover IV
<i>Harold Cabot & Co., Inc.</i>	
The MacMillin Company	29
B. L. Makepeace	8
<i>Reilly Brown Inc.</i>	
Massachusetts Masonry Institute	9
<i>Gorman, Dansker & Dee</i>	
National Partitions Inc.	32
New England Insulation	7
<i>J. B. Dewing Associates</i>	
Northern Landscape, Inc.	31
Daniel O'Connell's Sons, Inc.	2
<i>Engineered Advertising Inc.</i>	
Pitcher Associates, Inc.	30
Plasticrete Corporation	11
<i>The Vincent Pacelli Advertising</i>	
Pre-Cast Concrete of N.H. Inc. ..	32
Raymond Cattle Co.	12
<i>Exeter St. Theater Conservation</i>	
The Rowley Agency	13
Spaulding Brick Co.	11
United Glass & Aluminum Co., Inc.	32

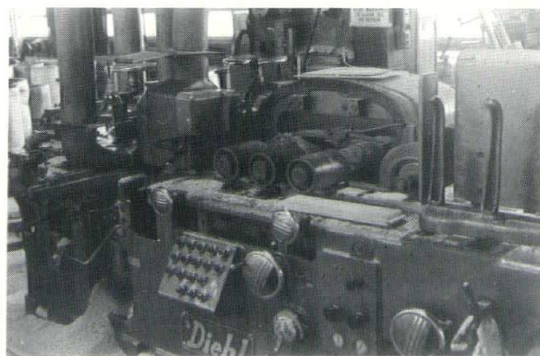




*What Makes A Fimbel Door Superior
... Its The Way We Make Our Doors ?*



- Quality Control
- Workmanship and Materials
- Design Flexibility
- Proven Engineering Ability
- Plant Resources and Volume Capability



Our 50th Anniversary: 1924-1974

Free Estimates & Quotations ——— For Technical Information ——— see Sweet's 1974 Catalog

FIMBEL DOOR CORPORATION

The Nashua, N.H. Factory

24 Fox Street

P. O. Box 848

Tel. 603-882-9786

Distributors and Dealers in principal New England cities

Other factories located at: HILLSIDE, NEW JERSEY • WHITEHOUSE, NEW JERSEY • EGG HARBOR CITY, NEW JERSEY

How to conserve and save money.

COMP
AMERICAN INSTITUTE OF
ARCHITECTS LIBRARY
THE OCTAGON 1735 NEW YORK AVE
WASHINGTON D C 20006
MN

Confine heat to areas with work in process.

By doing so, you not only conserve natural gas for yourself, but you save money too. Try following these four simple things that will save everyone natural gas. And *you* money.

1. Maintain optimum combustion and heat transfer efficiency. Limit excess air to actual needs. Confine flames to heating areas. Maintain proper air/gas ratio at each burner. 2. Maintain optimum flame geometry in impingement heating jobs. 3. Reduce building heat losses by sealing cracks around exterior windows and doors, by replacing broken windows, by closing doors promptly and by the adequate application of proper insulation, and by limiting fan exhaust to actual needs. 4. Insulate lines conveying steam and hot liquids.

 **The Natural Gas Companies of Massachusetts**

Your Gas Company representative will be glad to consult with you on any of these projects.

