



# *New Hampshire* ARCHITECT

20¢ COPY  
\$2.00-YEAR

OFFICIAL PUBLICATION

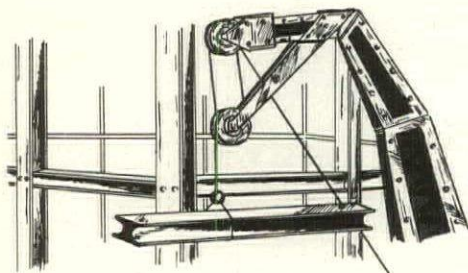
*New Hampshire Chapter of the American  
Institute of Architects*

FEBRUARY  
1951



Steel Structures Designed  
and Fabricated

Architectural and Ornamental  
Iron



"Steel when you want it"

**LYONS IRON WORKS, INC.**

62 MAPLE ST. MANCHESTER, N. H.

DIAL 5-6975

**M. J. MURPHY & SONS, INC.**

Manchester - Dover - Portsmouth

FLOORING  
ROOFING

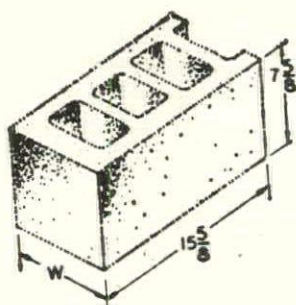
AIR CONDITIONING  
SHEETMETAL WORK

HEATING  
WALL TILING

Phone:

Manchester 4-4593  
Portsmouth 3590  
Dover 169

"Craftsmanship famous throughout  
New England"



CONCRETE, CINDER AND CATCH BASIN BLOCKS

**DURACRETE**  
BLOCK CO., INC.

DIAL MAN. 5-6293

Plant located at rear of  
Manchester Sand & Gravel Co., Hooksett, N. H.

Building Lumber

Boards  
Shingles

Clapboards  
Fence Posts

Laths  
Rails

Pickets  
Flues

Bricks  
Cement

**THE WEST SIDE  
LUMBER CO.**

DIAL MAN. 2-6401

168 SO. MAIN ST.

MANCHESTER, N. H.



# New Hampshire ARCHITECT

Official Publication-N.H. Chapter A.I.A.



DL. 2

FEBRUARY, 1951

NO. 7

New Hampshire Architect is published monthly at 206 Patriot Building, Concord, N. H., under the direction of the president and board of directors of the New Hampshire Chapter, American Institute of Architects, to promote the objectives and public relations of the chapter. Advertising rates furnished upon request.

## ASSOCIATION OFFICERS

**President:**  
MAURICE E. WITMER, Portsmouth

**Vice-President:**  
NICHOLAS ISAAK, Manchester

**Secretary:**  
WILLIAM L. WHITE, Exeter

**Treasurer:**  
GENE F. MAGENAU, Concord

## BOARD OF DIRECTORS

THARD KOEHLER, Manchester  
PHEN P. TRACY, Nashua  
RMAN P. RANDLETT, Laconia

## PUBLICITY COMMITTEE

GENE F. MAGENAU, Concord  
NICHOLAS ISAAK, Manchester  
RMAN P. RANDLETT, Laconia

## EDITOR AND PUBLISHER

LAWRENCE J. MOYNIHAN  
Concord, N. H.



Photo by Harvey Studio, Boston, Mass.

## COVER PICTURE

Cover photo shows the steel framework with re-enforcing rods, preparatory to receiving wood forms and concrete, for the new Eliot Bridge spanning the Charles river between Cambridge and Boston.

The bridge is for the Metropolitan District Commission, Parks Division. Benjamin W. Fink, Director of Park Engineering; Burns and Kennison Inc., Construction Engineers; Maurice E. Witmer, Architect; Moore-Langstroth Inc., Contractors.

## TABLE OF CONTENTS

The President Speaks .....	4
Architextopics .....	4-5
February Chapter Meeting .....	5
Schools and Hospital Costs .....	6
Dewey Showroom and Restaurant .....	8
Industrial Projects .....	9
Traveling Exhibition .....	12



# THE PRESIDENT SPEAKS

## Civil Defense - How Shall We Go About It?

Today we are alerting ourselves against any possible assault from those vain powers, within and without our county, who would endeavor to betray us in an effort to change—by means of revolutions, our whole political, economical and spiritual way of life.


It is, therefore, our duty to answer the call of duty in Civil Defense. Our skills and experience must be ready in case of need. While our State of New Hampshire Defense Corps is preparing its program, we of the New Hampshire Chapter should be ready to submit a complete roster of Architects within the State.

Many duties will require assignment of work which you can particularly qualify and best serve: Administration, direction of active work having to do with air raid shelters, control centers, rapid post-raid building surveys and initiation of emergency repairs to damaged buildings. The procuring of materials, construction equipment, heavy-duty equipment and operating personnel; building demolition and debris clearance; design and construction of post-raid emergency shelters.

Submit your name, both business and home addresses and phone numbers, and an indication of the services you feel best qualified to perform, to: William L. White, Secretary, New Hampshire Chapter, A. I. A., Exeter, New Hampshire.

We will, in this manner, be able to quickly forward to the State Civil Defense Corps, this information so that they can issue duty assignments if the need arises.

Civil Defense means also self help. Our participation, our skills and energies are a vital part of the total civic responsibility.



## ARCHITEXTOPICS

By Eugene F. Magenau, A. I. A.

Among the many important problems facing New Hampshire's legislature are three bills of special interest to architects. One of these, Senate Bill No. 9, relating to competitive bidding, had a public hearing on February 1 before the Committee on Judiciary and Public Works.

Introduced by Senator Stanley Brown was one of the State's legal counsel for the Story-Cote case, the bill has two principal features:

(1) Firm contracts let under public competitive bidding for all state projects other than roads and bridges, whose cost of construction exceeds \$1,000.

(2) Design and supervision of all state projects by independent registered architects or engineers.

Purpose of the bill as this observer sees it, is to require such controls and methods as will absolutely prevent future construction frauds while at the same time ensure maximum results at minimum cost. The bill recognizes the over-all economy of retaining private practitioners in the design professions and limits the functions of the Public Works Department so that the latter could not take over the functions of design, drafting and supervision.

If the New Hampshire Chapter of A. I. A. had tried to initiate and promote legislation furthering the interests of the profession, we could hardly do better than this bill of Senator Brown's. Since we did not originate it, we cannot be accused of selfish motives if we support it. More of us should certainly participate in future hearings as there are still details to be ironed out of considerable importance to architectural and engineering practice.

The Associated General Contractors turned out in force to oppose the bill which was surprising because their objections were not the main ideas of competitive bidding by independent architects or engineers, but merely to details, mostly those relating to filing of sub-bids. With suitable amendments, their opposition might well be characterized as support. That would leave only the engineers of certain departments such as Land and Game, Forestry and Recreation, Water Resources as opposers, because they would like to continue their practices of doing some work on force account, and of preparing their own designs and drawings.

Public Works Commissioner Merrill spoke neither for nor against the bill, stating that he favored its general objectives and



There was no intention or desire on the part of his department to become a bureau supplanting either private architects, engineers or contractors—and this, with minor exception, has been borne out in practice since Reorganization last July 1. However, in reviewing and completing some of the projects which he "inherited" he found as much negligence or incompetence on the part of private architects and engineers as he did of contractors or state officials. This illustrates how unsatisfactory work by any one architect reflects not only on himself but on the whole profession.

The other two bills of special interest to architects are House Bills 269 and 285. The former relates to the registration of architects and was initiated by a Chapter committee co-chaired by Stephen Tracy and Norman Randlett. This bill would do two things:

(1) Defines both "architect" and "registered architect" as a person who is registered on the board of registration and is therefore qualified to practice architecture;

(2) Make it mandatory for anyone to be registered in order to practice or offer to practice.

The importance of these changes in the existing registration law "to safeguard life, health, and property, and to promote the public welfare" is well known to all of us, and to all good citizens. Should there be any opposition to this bill, it is to be hoped that the legislators will recognize the attempt of qualified persons to "cash in" on the reputation and abilities of those who are qualified.

House Bill 285, sponsored by the N. H. Society of Engineers, does about the same things relative to the registration of professional engineers, but goes further in amending the regulations relating to the practice of engineering.

Because this column has been plugging New Hampshire architects for local jobs, a recent full page ad in the Manchester Union caught my eye. Three insurance firms who recently occupy a new home office building in certain N. H. city headed the advertisement with this plea: "Support and patronize these New Hampshire firms." Who was their architect—you guessed it—a firm from another state.

On this same subject, an interesting note is made in a recent letter by Mr. Ralph Frobisher of Sico, Inc., in Portsmouth, which we quote in full hoping that you architects will get the point.

In the last several issues of N. H. Architect I have noted with interest your comments on the fact that many N. H. jobs go

to out of state architects. I am heartily in accord with the sentiments you express—that N. H. architects should have first crack at N. H. projects. I am in favor of any legitimate process that keeps the cash circulating within the home state.

"That is why I am also in favor of N. H. architects using N. H. made products, all things being equal. Seems to me that this should be a two way street.

"We have been making SICO Structural Insulation products in Portsmouth for about a year and half. These products could hardly be more "home town." The fibre we use comes from Lebanon, N. H., all wood comes from Rye, N. H., labor from Portsmouth, and cement as near as we can get it, in Maine.

"We believe that in the short time we have been in business every architect in the state has been contacted at least once, some of them many times. Strange as it may seem, I can recall offhand only one N. H. architect who has specified any of our products. Out of state architects have specified them in places as far away as western Pennsylvania. By far the greater part of our shipments have been out of state, not that we want it that way, of course. The products must have merit as several Boston architects have specified them repeatedly.

"Don't tell me you never heard of them, or I'll think that money we spent for an ad in your mag was wasted. You read all the ads in your own mag, don't you?

"You really need not take me too seriously in these remarks but I do agree with your sentiments as expressed in your column and I do think that there is more opportunity for us all to pull together a little better for our home state."

## February Chapter Meeting Held in Manchester

The Calumet Club in Manchester was host to the New Hampshire Chapter, A. I. A., for its regular quarterly meeting on Thursday, February 15. Program feature was the sound picture, "Eternally Yours," the story of wrought iron, shown through the courtesy of Mr. R. W. Law, New England Division Manager of A. M. Byers Company. Mr. Arthur P. Grimm, Field Engineer, answered questions and showed slides of radiant heating and snow melting installations.

As this is being written in advance of the meeting in order to meet publication deadline, we have gone as far as we should in writing future events in the past tense. So for further details see next month's N. H. ARCHITECT—order your copy now!



COMPARATIVE UNIT COSTS  
FOR SCHOOLS AND HOSPITALS

The following construction cost figures are furnished by M. E. Witmer through the courtesy of Leslie H. Allen, Quantity Surveyor, Newton Highlands 61, Mass. Mr. Allen would be glad to compile similar data for New Hampshire schools or other types of structures, if individual architects will send him the figures for their own projects.

SCHOOL BUILDINGS IN MASSACHUSETTS, 1950

Job	Low Bid	Cubic Ft.	Total Cost Per Cu. Ft.	Structure %	Heating %	Plumbing %	Elec. %
Sturbridge	\$210,360	271,500	\$ .78	74.0	17.3	4.5	4.
Ashburnham	106,500	177,400	.61	61.7	19.6	8.2	10.
Oak Hill-Newton	643,000	706,350	.91	78.9	11.8	4.2	5.
Peabody	340,000	382,000	.89	72.5	13.8	7.5	6.
Bowen-Newton	637,800	763,500	.836	71.2	15.1	5.3	8.
Groton	296,400	403,000	.74	72.8	15.3	6.4	5.
Falmouth HS	1,343,000	1,961,000	.685	73.1	13.4	4.7	8.
Stoughton	491,760	517,250	.933	72.2	14.1	6.7	7.
Milton	753,000	854,000	.882	71.3	15.7	5.2	7.
Weymouth	424,000	445,000	.953	74.5	14.0	5.2	6.
<u>AVERAGE</u>			\$ .822	72.2	15.0	5.79	6.

HOSPITALS, MASS. and N. H., 1949-1950

Job	Low Bid	Cubic Ft.	Total Cost Per Cu. Ft.	Struc. %	Heat. %	Plumb. %	Elec. %	Equip. Elev.
New Bedford	\$1,808,241	850,000	\$2.137	53.7	7.2	12.3	9.1	17.
Woonsocket	937,340	475,000	1.975	57.0	7.9	10.1	8.1	10.
Woburn	366,750	218,500	1.68	63.8	7.2	15.0	4.4	9.
Plymouth, N.H.	457,700	235,000	1.945	54.3	7.3	10.6	6.1	22.
No. Conway, N H	280,340	140,000	2.00					10.
Hanover, N. H.	979,879	548,000	1.79					10.
Brockton	700,000	471,000	2.00					10.
Hyannis	844,347	594,000	1.70					10.
<u>AVERAGE</u>			\$1.903	55.8	7.4	12.0	6.9	10.





## CASPRO VERMICULITE CONCRETE

used on roof slab

**HARTFORD HOSPITAL**

Coolidge, Shepley, Bulfinch & Abbott,  
Architects

—O—  
Light Weight—36 lbs. cu. ft.  
Insulation  
Fire Proof  
Low Cost

—O—  
**J. J. MOREAU & SON, INC.**

Distributors

Manchester

New Hampshire

## DERRYFIELD SUPPLY CO., INC.

EUGENE O. MANSEAU, Treas.

— WHOLESALE —

Plumbing - Heating - Mill Supplies

Granite and Franklin Streets

Manchester, N. H.



For Every

COMMERCIAL OR RESIDENTIAL USE

CONVENIENCE, ECONOMY, SAFETY

The OVERHEAD DOOR will improve,  
modernize and give years of uninterrupted  
utility and service to any type of building.

MANUAL, DASHBOARD RADIO OR  
ELECTRICALLY OPERATED.



Combining Utility with Beauty in  
Home - Office - Showroom



DIRECT FACTORY DISTRIBUTORS FOR NEW HAMPSHIRE

**OVERHEAD DOOR SALES COMPANY  
OF NEW HAMPSHIRE**

SALES, SERVICE AND INSTALLATION

Phone 707

Milford, N. H.





Photos by Richard Garrison, New York, N. Y.

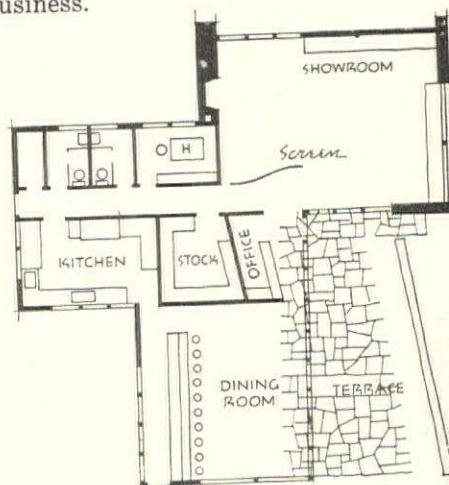
## Dewey Showroom and Restaurant, Quechee, Vt.

E. H. AND M. K. HUNTER, ARCHITECTS

PHOTOS SHOW PLOT PLAN AND INSIDE AND OUTSIDE VIEWS OF A. G. DEWEY SHOWROOM AND RESTAURANT AT QUECHEE, VT.

This showroom, a winner of one of Progressive Architecture's Awards, was praised by the award jury for its "wonderful contrast to the usual commercial venture when located outside a shopping area" as well as for its architectural excellence.

The building, an adjunct to the A. G. Dewey Co. woolen mill, serves the Dewey Corporation which was organized to retail the mill's products and to conduct a mail-order business.





## Additional Industrial Projects by New Hampshire Architects



Daughter House and Cold Storage Plant, Bethlehem Farm. Dr. Arnold Polonsky, Bethlehem, H. Shepard Vogelgesang, Architect. Charles Luc, Builder.



## Industrial Work Done By Tracy and Hildreth, Architects Nashua, N. H.

Additions to Telegraph Publishing Company, Nashua.  
Additions to the Old Colony Furniture Company, Nashua.  
Additions to the Rollins Engine Company, Nashua.  
Motor Truck Terminal for the Blue Line Press, Nashua.  
Motor Truck Terminal for the Blue Line Press, South Boston, Mass.  
Building for the Therrien Farm Implement Company, Nashua.  
Building for the W. D. Bell Farm Implement Co., Ponemah.  
Commercial Garage for Prew and LeBlanc, Nashua.  
Dry Cleaning Plant for Coronis Cleansers, Nashua.



for  
**DEPENDABLE  
ROOFING**  
call

## A W THERRIEN CO

ROOFING

SHEET METAL WORK

Tin	Cornices
Slate	Blowpipe Systems
Copper	Skylights
Asbestos	Ventilation
Tar and Gravel	Stainless Steel Work
Smooth Asphalt	Furnaces
Asphalt Shingle	Gutters and Downspouts

Manchester, N. H.

Tel. 3-6193

59 Depot St

## Heating Contractors

installing

LENNOX

DELCO HEAT

WINKLER

## FERNS OIL CO.

Tel. 229

202 No. State St.

Concord, N. H.

HEATING OILS



The  
**JOHN SWENSON GRANITE  
CO., INC.**

Concord, N. H.

Telephone 244

—o—  
Granite for structural, architec-  
tural and memorial use.

—o—  
We quarry and fabricate  
**SWENSON GRAY GRANITE**  
and  
**SWENSON PINK GRANITE**

and fabricate other granites of  
various colors when we can pro-  
cure the rough granite



## This Home Will Last

So will your's - If it's built  
by a **RELIABLE** Contractor !  
YOUR reliable contractor is -

**FOSTER & BAMFORD, Inc.**

**CONTRACTORS**

**NEW BUILDING**

**BUILDERS**

**REMODELING**

**ENGINEERS**

**SURVEYS**

ESTIMATES SUBMITTED  
PHONE - CONCORD 196

18 N. MAIN ST.

CONCORD, N. H.

Heating - Ventilating - Plumbing  
Engineering Service

## ORR & ROLFE CO.

—  
New Hampshire's Largest Heating, Ventilating and  
Plumbing Contractors

—  
**OIL BURNER SERVICE**

—  
Tel. 4485 - 4486

4 Bridge St.

Concord, N. H.

Estimates Given

## CONVENIENCE ECONOMY SERVICE

—  
You get all three when you buy paint  
and building materials from your Mer-  
rimack store.

Your Merrimack store offers top quality  
in roofing and shingles, cement, build-  
ing board, interior and exterior paints,  
nails and insulation.

Main Office - Tel. 2271  
Concord, N. H.

MERRIMACK FARMERS' EXCHANGE, Inc.

**MERRIMACK**  
"The Farmer's Business"



## LOCKWOOD-YOUNG CORP.

READY-MIX CONCRETE

Concord, N. H.

Phone 1283

## NORTHERN

HEATING & PLUMBING CO., INC.

A. C. TROMBLY, President

Plumbing, Heating and Ventilation  
Contractors - Engineers

Serving Northern New Hampshire in Domestic,  
Commercial and Industrial Installations

17-21 Water St.

Laconia, N. H.

Tel. Laconia 706

STOKERS

OIL BURNERS

## PALMER

PLUMBING SUPPLY COMPANY

Wholesalers

Plumbing - Heating - Mill Supplies

Distributors of

WEIL-McLAIN BOILERS

KOHLER ENAMELWARE

PETRO OIL BURNERS

ROCHESTER, LACONIA, KEENE, N. H.

PORTLAND, ME.

"Competent Engineering Service"

## H. L. HOLDEN CO. Inc.

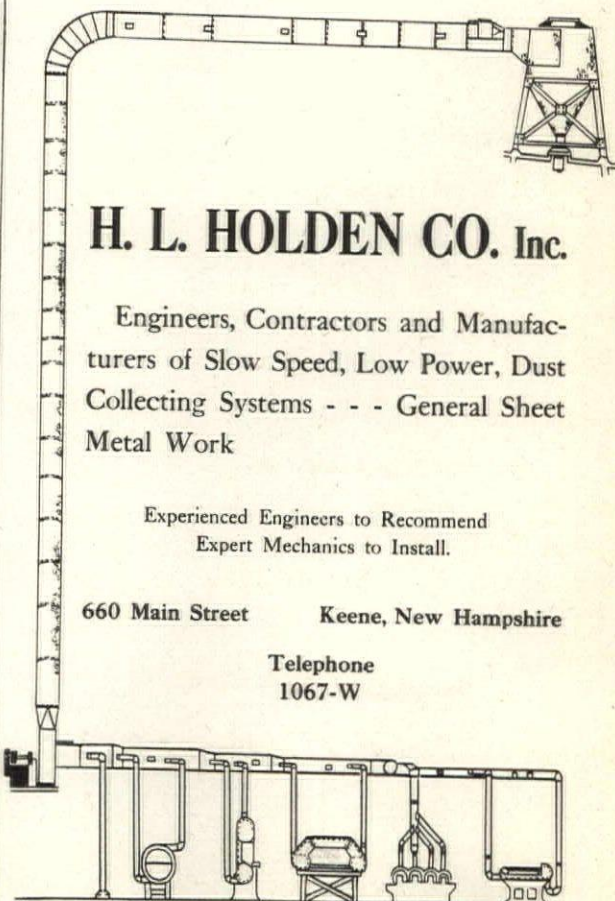
Engineers, Contractors and Manufacturers of Slow Speed, Low Power, Dust Collecting Systems - - - General Sheet Metal Work

Experienced Engineers to Recommend  
Expert Mechanics to Install.

660 Main Street

Keene, New Hampshire

Telephone  
1067-W





**NEW HAMPSHIRE ARCHITECT**

206 Patriot Bldg., Concord, N. H.

POSTMASTER: If addressee has moved and new address is known, notify sender on FORM 3547 postage for which is guaranteed. Return postage guaranteed.

American Institute of Arc.  
1741 New York Ave., N. W.  
Washington, 6, D. C.

Sec. 34.66 P. L. &amp;

U. S. POSTAG

**PAID**

Concord, N. H.

PERMIT NO. 297

## TO ALL REGISTERED ARCHITECTS, STATE OF NEW HAMPSHIRE:

### SUBJECT CONTRIBUTIONS TO 1951 TRAVELING EXHIBITION

#### PROPOSED ITINERARY

Concord, Portsmouth, Durham or Dover,  
Laconia, New London, Hanover, Manchester  
and Nashua.

From March 1 thru October.

#### RULES

Material is to be prepared in 20" x 30"  
mounts.

Material should be of completed, not proposed  
work.

Renderings are acceptable, but photographs  
most desirable.

EACH CONTRIBUTOR IS REQUESTED  
TO SHIP OR DELIVER HIS MOUNTS TO:

Malcolm D. Hildreth  
4 Davis Court  
Nashua, N. H.

ON OR BEFORE MARCH 5, 1951

#### COMMENTS

The Public received the 1950 Traveling Exhibit enthusiastically and the inauguration of this long-range program produced many gratifying comments. 1951 has loomed with wars and rumors of wars but we, as Architects, are today united in a common cause and that is to inspire the confidence of the layman in our ability. We know what we can do, let's show the Public via 1951 Traveling Exhibit.

MAY WE COUNT ON YOU FOR A CONTRIBUTION?

E. M. Miles  
Todd Wallace  
Malcolm D. Hildreth, Chairman