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OUR COVER

New Fire Station at Lakeport, N. H.
Photos by—
ALDRICH PHOTO SERVICE, LACONIA
Our chapter magazine "The New Hampshire Architect" has achieved wide circulation. In particular the two school building numbers have been requested from many distance places.

The thing that keeps the magazine going is advertising; no money for its publication comes from the chapter treasury. The publisher, Lawrence Moynihan, solicits the advertisements, receives the income for them, and publishes the magazine with Alexander J. Majeski, A.I.A., contributing his time as editor.

Having been given pictures, plans and descriptions of buildings designed by members of our chapter, Mr. Moynihan secures advertisements from contractors and others connected with the construction of the projects to be illustrated and thereby obtains the income that makes the magazine possible.

From time to time a schedule appears in the magazine notifying members several months in advance that their turns are coming up. For the month assigned to you your building will have the front cover. If other material is available—and there should be two buildings in each issue—it will get inside featuring, which is also well worth the effort of preparation.

When your turn comes for the cover, or when you can prepare a secondary article, take advantage of this free and ethical publicity and also help to keep the magazine in a prosperous condition.
BUILDERS, PRODUCERS SEEK TO LOWER BUILDING COSTS

WASHINGTON—A new effort to stem the rise in home construction cost has been jointly launched by the National Association of Home Builders and Producers' Council, Inc. The Council is the organization of building products manufacturers and associations.

To do this, both organizations are now cooperating to bring about co-ordination and standardization of dimensions for materials and equipment used in home building. Their initial efforts will be directed to the problems of standardization for door and window openings.

The program calls for establishing by mutual agreement desirable and functional dimensions for the various materials and equipment. This effort will be handled by the Council's Technical Department and the NAHB's Research Institute with the cooperation of members of both organizations. The second step will be to encourage manufacturers to produce and builders to use these standardized products.

In discussing the possibility afforded by the development of standardization, William Gillett, Detroit Steel Products Company, Producers' Council's national president, said, "this is something that everyone in the industry has been talking about for many years. All of us recognize the value of standardization and the resulting simplification. Both manufacturers and builders will gain, but the real beneficiary will be the home buyer, who will get a better house for less money."

He continued, "such a development as we propose is comparable to the introduction of the assembly line to the automotive industry. Manufacturers will be able to mass produce a limited number of sizes. Warehousing and shipping cost will be cut. The builder will find his erection problems simplified, since he will be working with component parts that are designed to fit together properly, with a minimum of waste of high-price, on-site labor. The builder will also have greater flexibility in design and variation of his homes."

The program for developing standard dimensions, which was approved by both organizations in Chicago during the annual convention of NAHB, was a recommendation of the NAHB-PC Joint Committee.

This committee is also developing plans for informational programs to be presented by Producers' Council members before the chapters of the home builders' organization. Another of their efforts is to develop visual educational aids on the use and application of building materials for schools teaching light construction, in builders short courses and for the training of mechanics.

Building Products Competition

Once again members of the profession have a chance to do themselves a service by making known what they consider good building products literature.

The annual Building Products Literature Competition is co-sponsored by the Institute and the Producers' Council to recognize excellence and to aid manufacturers in increasing the technical and informative value of descriptive product literature of assistance to the architect in the selection and specifying of building products for specific uses.

Any AIA member may make nominations of literature that he considers helpful and of good quality. He simply should forward the title of the document and the name of its producer to the AIA Department of Education and Research.

"These eggs are very small," complained the young housewife as she stood in front of the egg case at the grocery store. "They're straight from the farm this morning, madam," said the grocer. "That's the trouble with these farmers," she replied, "they're so anxious to get these eggs sold they take them off the nest too soon."
NEW HAMPSHIRE CONSTRUCTION AWARDS FOR 1955

BOSTON—New Hampshire had contract awards for future construction in 1955, down 9 per cent from 1954 in dollar volume, according to Dodge Reports totals. The 1955 total was at $85,988,000. Despite the drop, the state had its highest year in residential and non-residential contract awards during 1955, announced James A. Harding, New England district manager of F. W. Dodge Corporation.

Individual 1955 New Hampshire construction categories compared with 1954 show non-residential, up 32 per cent, at $31,496,000; residential, up 12 percent, at $28,538,000; heavy engineering, down 43 per cent, at $25,954,000.

December 1955 contract awards were the highest of any December ever recorded in the state. The total was up 60 per cent over December 1954, at $10,589,000.

Individual December 1955 categories compared with December 1954 show: Non-residential, down 70 per cent, at $833,000; residential, up 78 per cent, at $2,874,000; heavy engineering, up 207 per cent, at $6,882,000.

### NEW HAMPSHIRE ARCHITECT SCHEDULE 1956

<table>
<thead>
<tr>
<th>Architect</th>
<th>Date Due</th>
</tr>
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<tbody>
<tr>
<td>Koehler &amp; Isaak</td>
<td>March 1, 1956</td>
</tr>
<tr>
<td>Tracy &amp; Hildreth</td>
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<tr>
<td>Dirsa &amp; Lampron</td>
<td>May 1, 1956</td>
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<tr>
<td>Lyford &amp; Magenau</td>
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<tr>
<td>Prescott &amp; Erickson</td>
<td>July 1, 1956</td>
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<tr>
<td>Alexander J. Majeski</td>
<td>August 1, 1956</td>
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<td>William L. White</td>
<td>September 1, 1956</td>
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<tr>
<td>Leo P. Provost</td>
<td>October 1, 1956</td>
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<tr>
<td>Alfred T. Granger Associates</td>
<td>November 1, 1956</td>
</tr>
<tr>
<td>Norman P. Randlett</td>
<td>December 1, 1956</td>
</tr>
</tbody>
</table>

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Gentlemen:

We have read with considerable interest your December issue of the New Hampshire Architect. It contains some useful information as to the costs of schools that have been built in New Hampshire recently.

Will you kindly send us ten (10) copies of this issue.

Very truly yours,

Pitcher & Company, Inc.

Thacher Jenney

December 28, 1955

AND IN VERMONT

Chittenden Central District

Office of the Superintendent
Essex Junction, Vermont
December 12, 1955

Robert A. Bennett, Inc.
Hurricane Road
Keene, N. H.

Gentlemen:

I have received the December issue of the New Hampshire Architect and find much interesting material there with reference to school construction.

Very truly yours,

Albert D. Lawton
Superintendent of Schools
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The new Lakeport Station of the Laconia Fire Department replaces a wooden structure which had become structurally and functionally obsolete. Space on the lot where the old station stood was found adequate if the new building could overlap the old one, although it would be necessary to continue the latter in service during the construction of its successor. This was accomplished by removing a corner of the old building, relocating air tanks and plumbing, and enclosing the area exposed by the operation. After the new structure was substantially completed, the Fire Department equipment was moved into it and the remaining part of the older building was demolished.

The new building is two stories high. Exterior walls in the first story are glazed tile faced with speed brick. First story interior walls, in general, are glazed tile. Second story interior partitions are cinder block; cinder block faced with speed brick forms the exterior walls.

The first floor is a concrete slab on grade. The second floor is Flexicore precast slab on steel beams, with two inches of light weight concrete over the slab. The roof is framed with steel joists and beams supporting an Insulrock deck covered with a built up roof. The second story toilet floor is elevated so that piping runs above the Flexicore slab. Flooring in the second story is asphalt tile with random marble slabs in the toilet.

(Continued on page 12)
Apparatus Room

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LAKEPORT FIRE STATION
The under side of the Flexicore slab is exposed to form the first story ceiling, except that a suspended acoustical ceiling occurs in the alarm room. In the second story, acoustical plaster is used on the ceilings of the lounge and the corridor to the bedrooms whose ceilings are smooth plaster.

Hose is dried in a tower near the top of which is a steel balcony from which the hose can be handled when being raised to a grid above the balcony. The latter is reached by a mesh enclosed steel ladder. On the roof of the tower, in which is a plexiglass dome, are the air whistle and radio and television antennas.

Heating is forced hot water, with zone control.

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ally and automatically with incoming alarms; inter-communication and telephone systems; alarm signal systems; and emergency lighting. When a new city alarm system replaces the present one, the main panel will be removed from the Central Fire Station in the southerly part of the City and installed in the alarm room in the new station.

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Electrical—G. A. Head, Laconia.

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Bricks—Densmore Brick Co., Lebanon.
Overhead Doors—Eastern Garage Door, Lawrence, Mass.
Flexicore Floor Planks—Flexicore Corp., Saylesville, R. I.
Asphalt Tile — Lougee-Robinson, Laconia.
Concrete — Wescott Concrete Corp., Lakeport.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Cost</th>
<th>% of Total Cost</th>
<th>Cost Per Sq. Ft.</th>
<th>Cost Per Cu. Ft.</th>
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<td>HEATING AND PLUMBING</td>
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<td>ELECTRICAL</td>
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<td>TOTAL COST OF BUILDING</td>
<td>$76,137.00</td>
<td>100</td>
<td>$13.64</td>
<td>$1.07</td>
</tr>
</tbody>
</table>

TOTAL VOLUME: 70,860 cu. ft.—FLOOR AREA: 5580 sq. ft.
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W. Brooke Fleck

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d. Collab. with Design Professions
Margaret K. Hunter

e. Architectural Practice
John R. Holbrook

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Alexander J. Majeski

g. N. H. Architect
Alexander J. Majeski

h. Travelling Exhibit
Nicholas Isaak

C—MEMBERSHIP ACTIVITIES
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a. Convention Committee
William L. White

b. Honor Awards
Douglas G. Prescott

c. Chapter Affairs
Malcolm D. Hildreth

D—EDUCATION & RESEARCH
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b. Education
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