

GRANITE STATE
ARCHITECT

AMERICAN INSTITUTE
OF
ARCHITECTS

SEPTEMBER 1970 • FIFTY CENTS

NOV 10 1970

LIBRARY





**You're more aware
of comfort
when you don't
have it:**

You can't see comfort.
But you can feel it.
And often you're more aware of comfort when you don't
have it than when you do.
A lot of the value in comfort is just knowing you have it.
An Oil Comfort System can give you this.
And it won't cost you so much that you can't enjoy it.



So if you're planning to build a new home, or update your
present one, see one of the Comfort People: your local
oil dealer.

He can do more for you than just help in planning your
home. He can help you plan the environment that goes in it.
And what could be more important than that?
The hottest heat you can buy.

Oil comforts people

BETTER HOME HEAT COUNCIL OF NEW HAMPSHIRE, INC.

DESLAURIERS

COLUMN MOULD DIVISION

SONOCO PRODUCTS COMPANY



Econ-O-clamp® FOR SQUARE COLUMNS

**FAST
SIMPLE**

**ACCURATE
ECONOMICAL**

NO BACK-UP STRINGERS REQUIRED!

- **ELIMINATES BACK-UP STRINGERS** — ECON-O-CLAMPS® are designed to exactly balance the strength of $\frac{3}{4}$ " plywood thus cutting costs by eliminating back-up stringers and simplifying erection.
- **AUTOMATICALLY SQUARES COLUMN** — ECON-O-CLAMPS® work just like a square to insure perfectly square form assembly every time.
- **REQUIRES NO SPECIAL TOOLS** — A hammer is the only tool needed to set or strip ECON-O-CLAMPS®
- **ELIMINATES MEASURING** — Notches on one inch centers size column exactly without measuring.
- **SPEEDS ERECTION** — Just nail one half of an ECON-O-CLAMP® in position . . . then place the other half over it and "presto" the clamp is set.

SPECIFICATIONS

HEAVY-DUTY ECON-O-CLAMPS® are manufactured in three sizes of high carbon steel angles electrically welded and coated to prevent rusting.

SIZE	FORMS COLUMNS	WEIGHT PER SET
24"—2"x2"x3/16"	8"x8" thru 24"x24"	21 lbs.
30"—2"x3"x3/16"	8"x8" thru 30"x30"	33 lbs.
36"—2"x3"x3/16"	10"x10" thru 36"x36"	39 lbs.

SONOCO

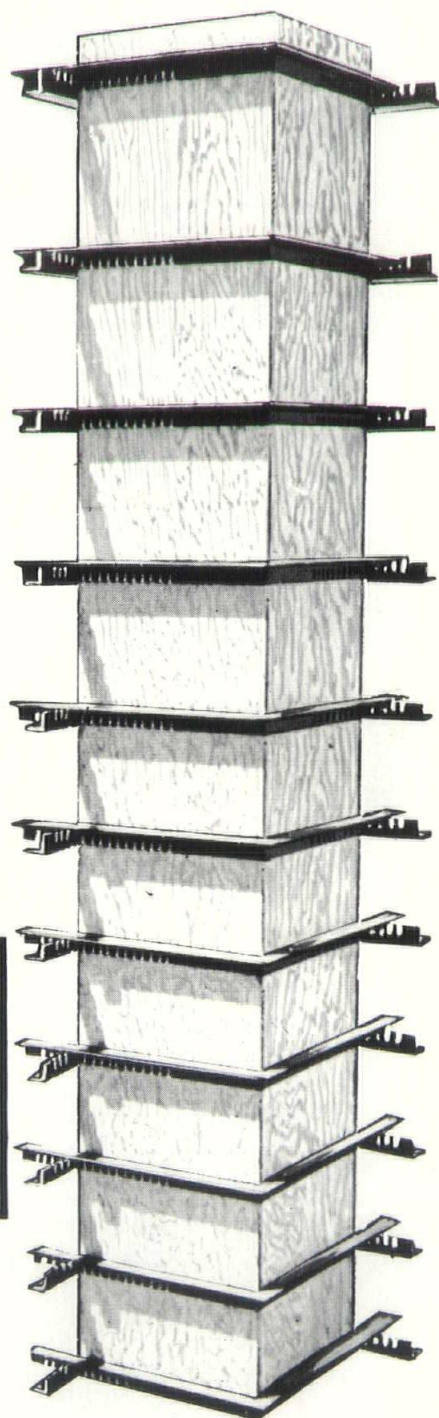
distributed by

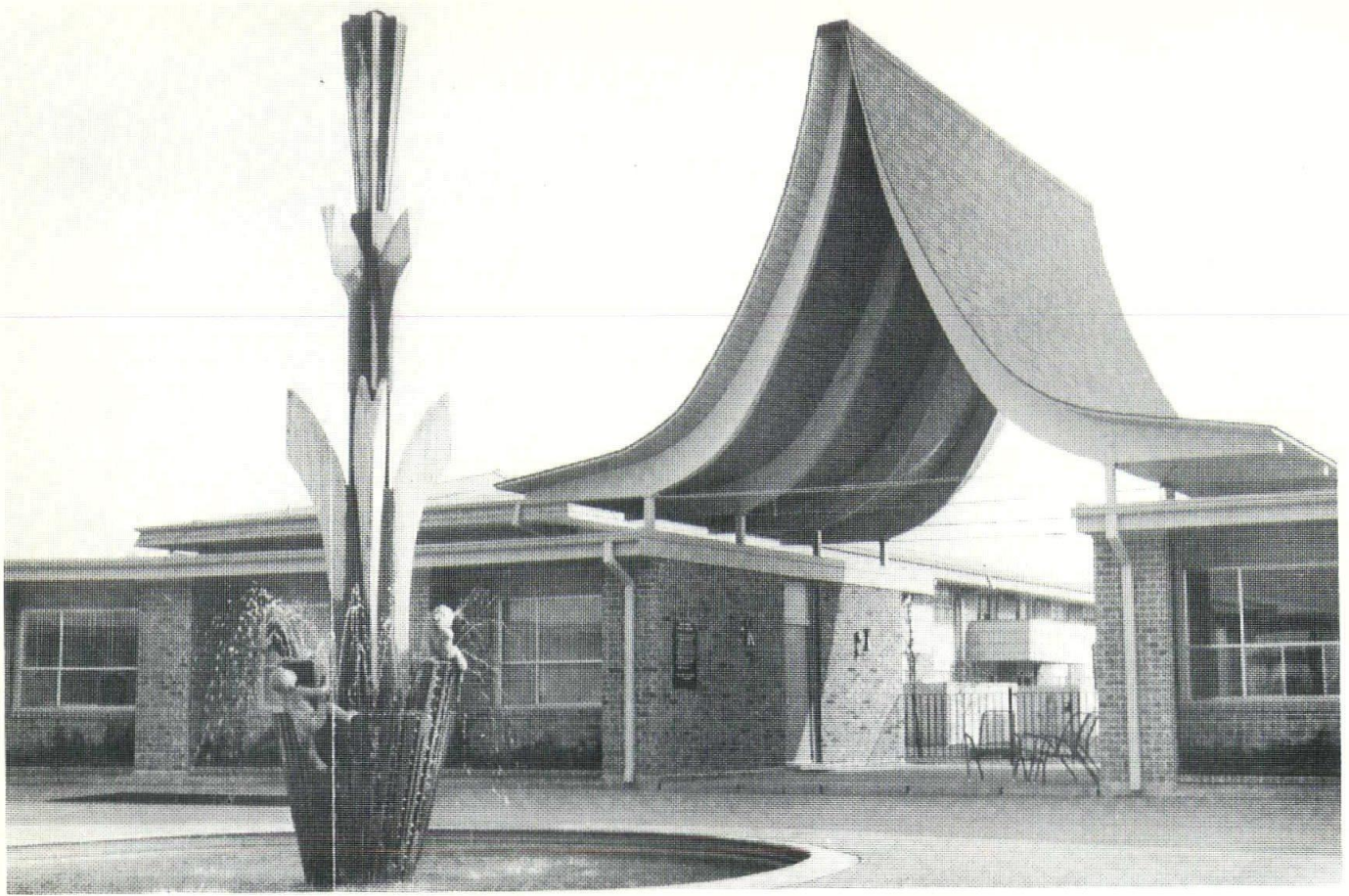
**CORRIVEAU-
ROUTHIER**

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





better built with gas.

No matter what you are planning, an ultra modern office building or an apartment house, plan to use gas. Gas is the clean, efficient modern fuel. It is less trouble to build with, cheaper to buy and install. And a lot less expensive to operate.

Gas 

For the best in modern living,
Gas makes the big difference
...costs less, too

NORTHERN UTILITIES, INC.
ALLIED N.H. GAS DIVISION

Dover • Exeter • Gonic
Hampton • Hampton Beach
Newington • Portsmouth
Rochester • Somersworth
Seabrook Beach

CONCORD NATURAL GAS CORP.

66 North Main Street
Concord, N. H.
Also serving: Bow • Loudon
Penacook • Boscawen • Pembroke
Allenstown • Northern Hooksett

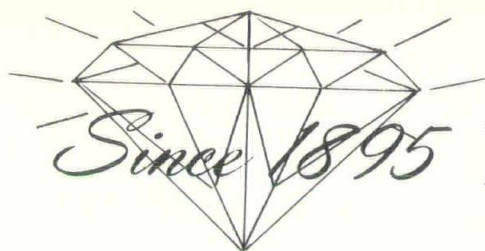
GAS SERVICE INC.

Nashua • Hudson
Keene • Laconia
Franklin • Tilton

MANCHESTER GAS CO.

1260 Elm Street
Manchester, N. H.





REPROGRAPHICS

...A Makepeace Specialty

For three-quarters of a century, Makepeace has pioneered new developments and services, and today offers New England's most modern and complete reproduction facilities to meet your most exacting requirements on time, every time — blueprints, photostats, whiteprints, washoffs, photo reproductions, 105 mm. miniaturization, electrostatic and offset printing.

In addition, Makepeace has grown into New England's largest in-stock dealer in engineering, drafting and architectural equipment, instruments and supplies.

You'll find hundreds of different products bearing such famous brand names as:

**KEUFFEL & ESSER • HAMILTON • BLU-RAY
PLAN HOLD • KOH-I-NOOR**

and many more, at Makepeace — your one-stop shopping center.

First choice of professionals

B. L. MAKEPEACE INC.

1266 Boylston St., Boston, Mass. 02215 • (617) 267-2700



BEAN

R. E. BEAN CONSTRUCTION CO., INC.

Industrial — Commercial — Institutional

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

An Editorial

That the situation regarding second-home development in New Hampshire is "well-nigh out of control" is brought out by Mrs. Shaine's article in this issue. This piece ("Mary, Mary . . .") and legislation passed this year in Vermont are just two glaring indicators that giant steps are needed here.

At least, some recent small steps have been taken. The State and Federal land ownership full disclosure acts are helpful, as far as they go; measures against water pollution are spelled out for developments' land — within 1,000 feet of a shore, only. But, since less than half our communities have zoning and subdivision controls, "there is little or no inhibition on the developer as he tramples the land,"

The article argues for uniform sub-division regulations covering the entire state, to set high standards for the character of these developments. The alternative, in the course of human events, will too often be ticky-tacky.

Movement of the State Planning Division to the Governor's Office this year was another small but helpful step. It is, among other things, making the first inventory ever of developments in New Hampshire. It has all sorts of ideas for new legislation.

This year, Vermont found that many developers just won't behave at all and created strict controls for all of them. Among the most important measures: a) water pollution is outlawed — "you won't be able to spit into a stream without a permit," said the Attorney General, describing what are probably the toughest rules in the U.S. b) state-wide land-use planning and zoning; areas of the state

to be zoned for certain uses and against others just as a zoned municipality's areas are designated; final plan to be drawn in 1971.

Also, c) all new developments and subdivisions must be approved and licensed by the state, with new commissions in each of nine regions to rule on applications (for public works as well as developments); smallest developments covered are of one, repeat one acre (and 10 acres in zoned communities). d) strict scrutiny in particular of projects on the invariably tender land at 2,500 feet and higher. e) regulation of garbage dumps, incinerators, appearance of mobile home parks. The state had in recent years enacted the only real anti-billboard laws in the United States.

If the sweeping nature of these new laws is a yardstick for the size of the development problem, then another is that of enforcing them. Workable enforcement patterns Vermonters concede, will not come easily. (Effective enforcement will at an early stage chase out many shoddy developers, who haven't the money to do the required preliminary surveys and engineering.)

Few environmental laws have had the dramatic visual effect of Vermont's rigorous restrictions on roadside signs and billboards; they have contributed mightily to a different atmosphere across the Connecticut River. Save for a limited, Federally sponsored billboard program (grossly unfunded by Washington), New Hampshire still has no comprehensive sign and billboard controls. The example set by the neighbor, Vermont, has not yet been contagious.



OFFICERS

President
Edward C. Lewis

Vice President
Richard H. Dudley

Secretary
John H. Benson

Treasurer
Donald T. Dennis

DIRECTORS

Roy M. Palhof
Guy K.C. Wilson
Roy W. Banwell, Jr.
John A. Carter

STAFF

Editor
John A. Carter
111 Concord St.
Nashua, N.H.

Executive Editor
Stephen W. Winship

Advertising Sales
Ruth & Carl Downs
120 Manchester St.
Nashua, N.H.
Tel. 603-882-6715

Associate
Jane H. Vigneault

Contributors
Frances Shaine
Hank Nichols
Robert A. Lockwood
Ken Paul

Produced and circulated by Stephen W. Winship & Co., 79B South St., Concord, N.H. 03301, for the N.H. Chapter, AIA. Tel. 603-224-4231.

GRANITE STATE

ARCHITECT

Volume VII Number 4

SEPTEMBER, 1970

Notes and Comments	6
Sunrise Towers, Laconia	8
Memorial Union, Durham	14
Mary, Mary, Quite Contrary, How Does Your Development Grow?	22
N.H. — Tomorrow Photo Contest	28
Saving Salmon Brook	34
Index of Advertisers	36

Cover: Front door area and north and west wings, Sunrise Towers, Laconia. Designed by Erickson and Dennis, Associated Architects. Photo by Douglas Armsden.

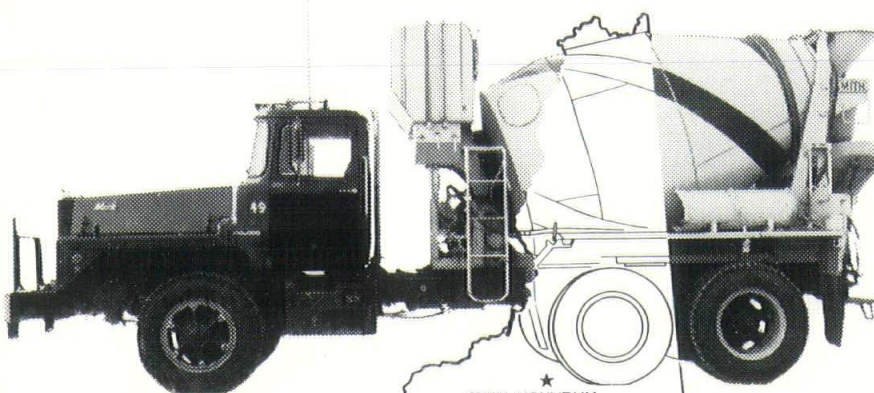
Photo credits: Pages 8-13, Douglas Armsden; 14-19, Ernest Gould.

GRANITE STATE ARCHITECT is published bi-monthly under the direction of the president and board of directors of the New Hampshire Chapter, American Institute of Architects, and is the official publication of that chapter. Advertising rates furnished on request. Controlled circulation postage paid at Concord, N.H. 03301. Postmaster: Please send Form 3579 to P.O. Box 108, Concord, N.H.

FIFTY CENTS A COPY

THREE DOLLARS A YEAR

BUILDING NEW HAMPSHIRE from 12 locations!



**ARTHUR
WHITCOMB, inc.**

MAIN OFFICE
KEENE, NEW HAMPSHIRE
352-0101



★ TWIN MOUNTAIN
SAND & GRAVEL, INC.

★ CONWAY AGGREGATES ★

★ CAMPTON
SAND & GRAVEL, INC.

★ LEBANON CRUSHED STONE, INC.

★ TILTON
SAND & GRAVEL, INC.

★ NEWPORT READY MIX, INC.

★ CHARLESTOWN READY MIX, INC.

KEENE READY MIX
KEENE SAND & GRAVEL, INC.
MONADNOCK BLOCKS
ARTHUR WHITCOMB CONSTRUCTION CO., INC.

★ PETERBOROUGH
READY MIX

In Our 39th Year

Notes And Comments

Pains of Growing

A prime attribute of growing pains brought on by New Hampshire's 19.1% leap in population from 1960 to 1970 (606,000 to 722,000, eighth fastest rate in the U.S.) is the tug-of-war in some towns, the studies, the debates under-way concerning mobile homes.

A survey of considerable penetration published over the summer by The Federal Reserve Bank of Boston shows New Hampshire has had a higher rate of mobile home development per 100,000 population (315 units in 1969) than the U.S. average (200). This state added ten times more mobile homes on that basis than Massachusetts (31) in 1969. That year, Vermont's figure was 511/100,000 people and Maine's 400. Connecticut was 36 and Rhode Island, 55.

In absolute figures, 22% of all home starts here in 1968 were mobiles, and 26% in 1969 (1,300 and 1,600, respectively). Again, the state trailed Maine and Vermont but was well ahead of the three southern New England states, whose per centage of all starts ranged from .5 to 2%.

Lower average incomes in the northern states (89% of U.S. average per capita income) than the southern (113%) was cited as the leading reason. Low population densities in the north mean many households which would rent apartments in the more crowded southerly states prefer the independence flowing from a mobile home placed on inexpensive land. Many northern towns have no zoning or light subdivision controls, the survey said.

Then, early in September, a report by David Rogers, executive director of the

Continued to page 20

TILTON SAND and GRAVEL, INC.

SCREENED LOAM
COLD PATCH
DRIVEWAY GRAVEL

Washed, crushed, graded
concrete & asphalt aggregates
meeting state & federal
specifications

Tilton, N.H. Tel. 286-4351

CAMPTON SAND AND GRAVEL, INC.

Washed, crushed sand & gravel
Driveway gravel
Loam Cold Patch Blocks

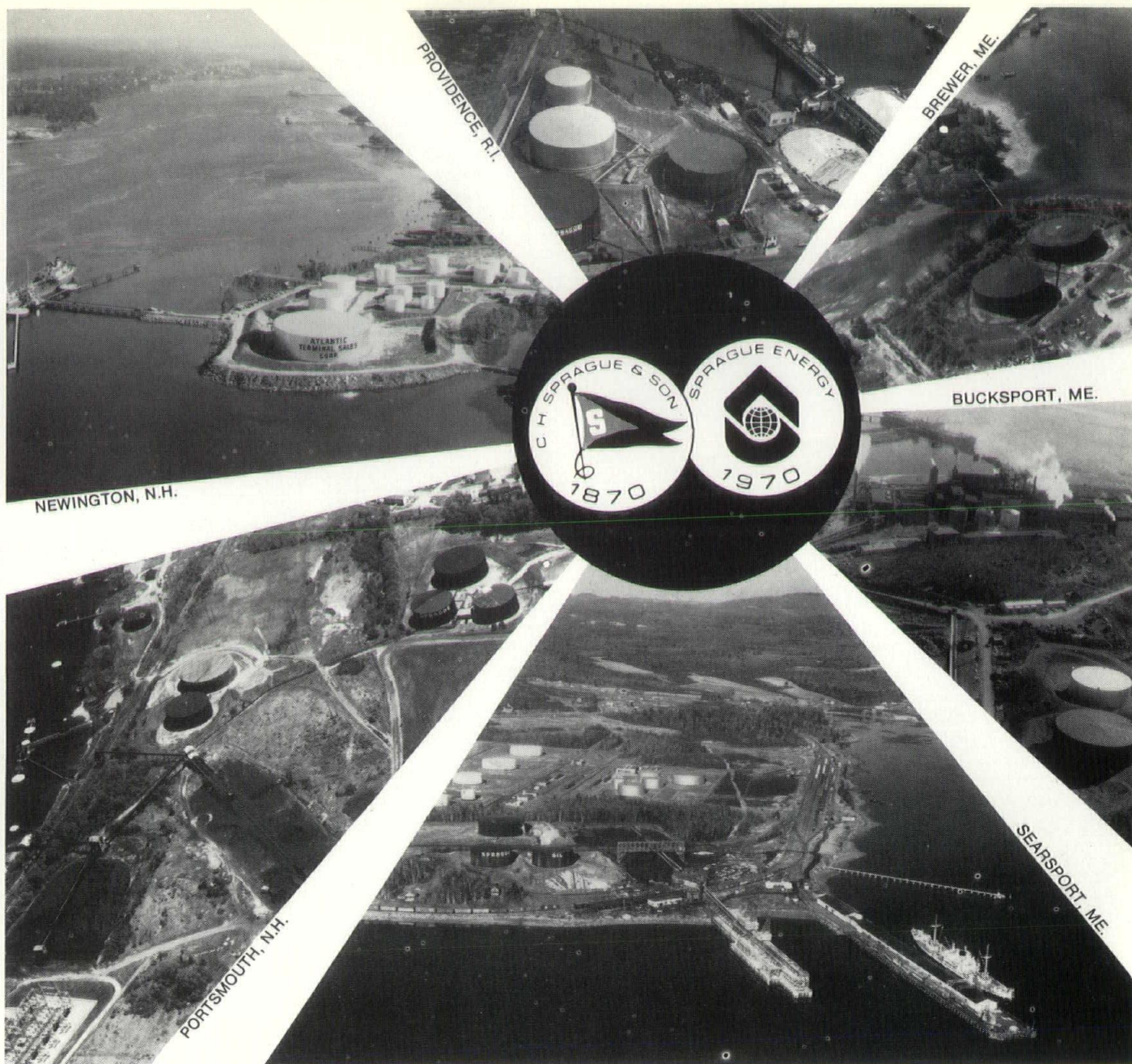
All materials meet state and
federal specifications.

West Campton N. H.
Tel. 726-8982

LEBANON CRUSHED STONE INC.

Finest quality aggregate in the
upper Connecticut Valley.
Crushed, graded, concrete
& asphalt aggregates
meeting state & federal
specifications

Plainfield Road
West Lebanon, N.H.
Tel. 298-8554



OUR TERMINALS ARE ONLY THE BEGINNING

In the 100 years Sprague has been serving New England, the area has grown from 3½ to nearly twelve million people. Providing energy for a modern region of this size demands the most in facilities and professional experience. Sprague's six strategically located terminals are the backbone of our ability to provide fast dependable service to the entire region. Just as important, our 100 years' knowledge of New England's fuel requirements enables us to accurately forecast those needs, both now and for the years ahead.

Terminals:

Brewer, Me. 04412 — Tel. (207) 942-1171
 Bucksport, Me. 04416 — Tel. (207) 469-3404
 Newington, N.H. 03801, P.O. Box 446 — Tel. (603) 436-0820
 Portsmouth, N.H. 03801, P.O. Box 478 — Tel. (603) 436-4120
 Providence, R.I. 02903, 1141 Hospital Trust Bldg. — Tel. (401) 421-8500
 Searsport, Me. 04974, Mack's Point — Tel. (207) 548-2531



SPRAGUE ENERGY

C. H. SPRAGUE & SON CO.

Fuels & Raw Materials for Industry Since 1870

125 High Street, Boston, Mass. 02110 Tel. (617) 542-7807

Sprague Energy Companies: C. H. Sprague & Son Co. • Atlantic Terminal Sales Corporation • Petroleum Heat & Power Co. of R.I.



General view of the building – the front doors are at the meeting point of the two wings. The lawn area and walks in view are the corner of Main St. and Union Ave. Each apartment has a balcony. Unique outdoor lamps complete the scene.

Sunrise Towers

Laconia

Donald T. Dennis & Henry W. Erickson Associated Architects

R.E. Bean Construction Co., Inc. General Contractors



This living room is extended by its balcony, connected by full-length sliding glass door. The door at right leads to a bedroom. On far right above the light switch is the electric voice connection with the lobby.

Residents of Laconia's new, large Sunrise Towers apartment building, designed especially for the elderly, have taken readily to their seven-story dwelling, distinguished by an eye-catching blend of brick and balconies, and a location imparting the beat and pulse of the city.

"I'm sold on what this building is doing for people," said Mrs. Helen D. Martin, Housing Director for the Laconia Housing and Redevelopment Authority, which built and operates the Towers. It was planned and erected with a \$1,572,967 grant from the U.S. Department of Housing & Urban Development. Towers' opening last spring culminated six years of local effort to secure it.

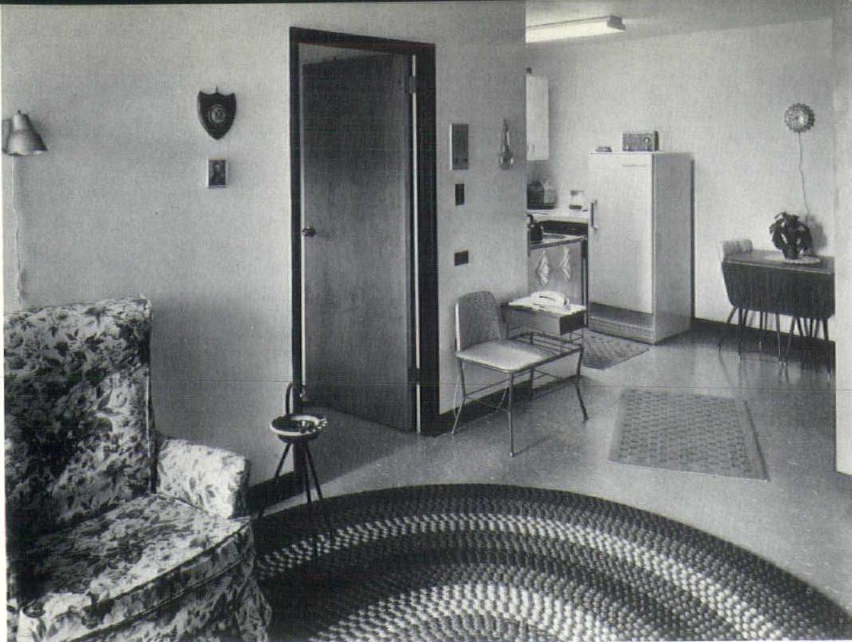
The concrete balconies provide a distinctive signature for the building, breaking up what would otherwise be big, faceless, boring facades. There is one

for each of the 100 apartments. (One-bedroom types total 76; there are 12 two-bedroom, and 12 efficiency apartments.)

"Everyone is just tickled to pieces with those balconies, Mrs. Martin said. They enlarge the apartments, they are wonderful on hot nights, they are good for entertaining, and there's room for plants or for an outdoor grill."

The H.U.D. people in New York who passed on the plans at first looked darkly on the idea of balconies but the architects, who had proposed them to warm the building, were joined by the authority commissioners (Richard A. Messer, Chairman) and Mrs. Martin in persuasion which eventually succeeded.

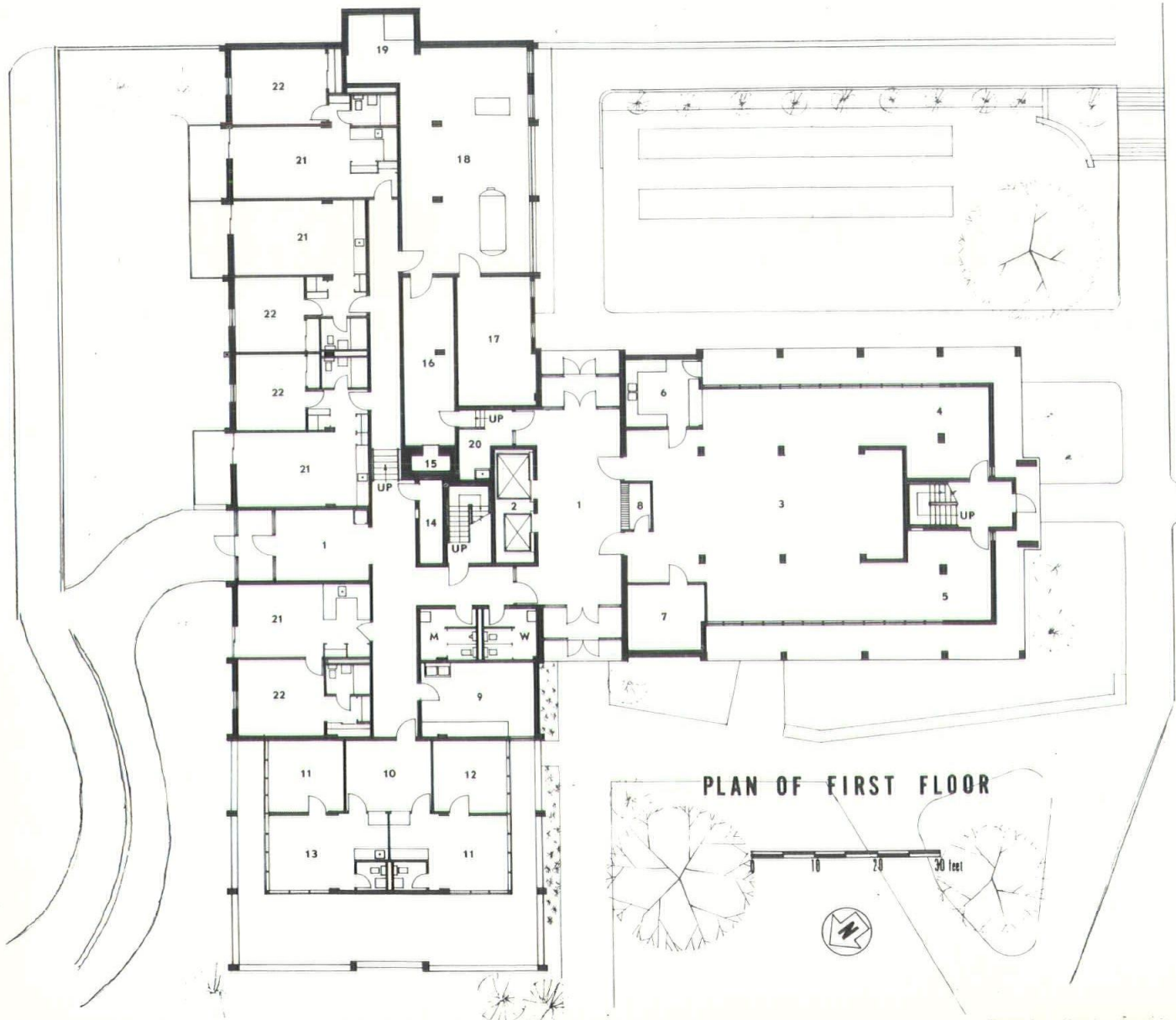
The Towers' location at one edge of Laconia's inner business area and on the threshold of the Urban Renewal project being finished permits residents to feel themselves full-fledged members of the



The same living room, looking from the opposite direction. The kitchen equipment is electric.

community. All involved had hoped for this, Mrs. Martin recalled, rather than an isolated out-of-town spot. Here, residents are a short walk from stores, a small park, a fishing spot; the balconies command fine views.

The structure is shaped like a "T" and, unlike many recent public buildings has a reasonable amount of land around it. It is a concrete frame building, the reinforced concrete being poured in place. It was fitted into a gently sloping hill, so that the rear parking lot is near the level of the second floor. There is enough surrounding space for lawn, flower beds, park benches, trees and shrubs as well as horseshoe and shuffleboard courts.



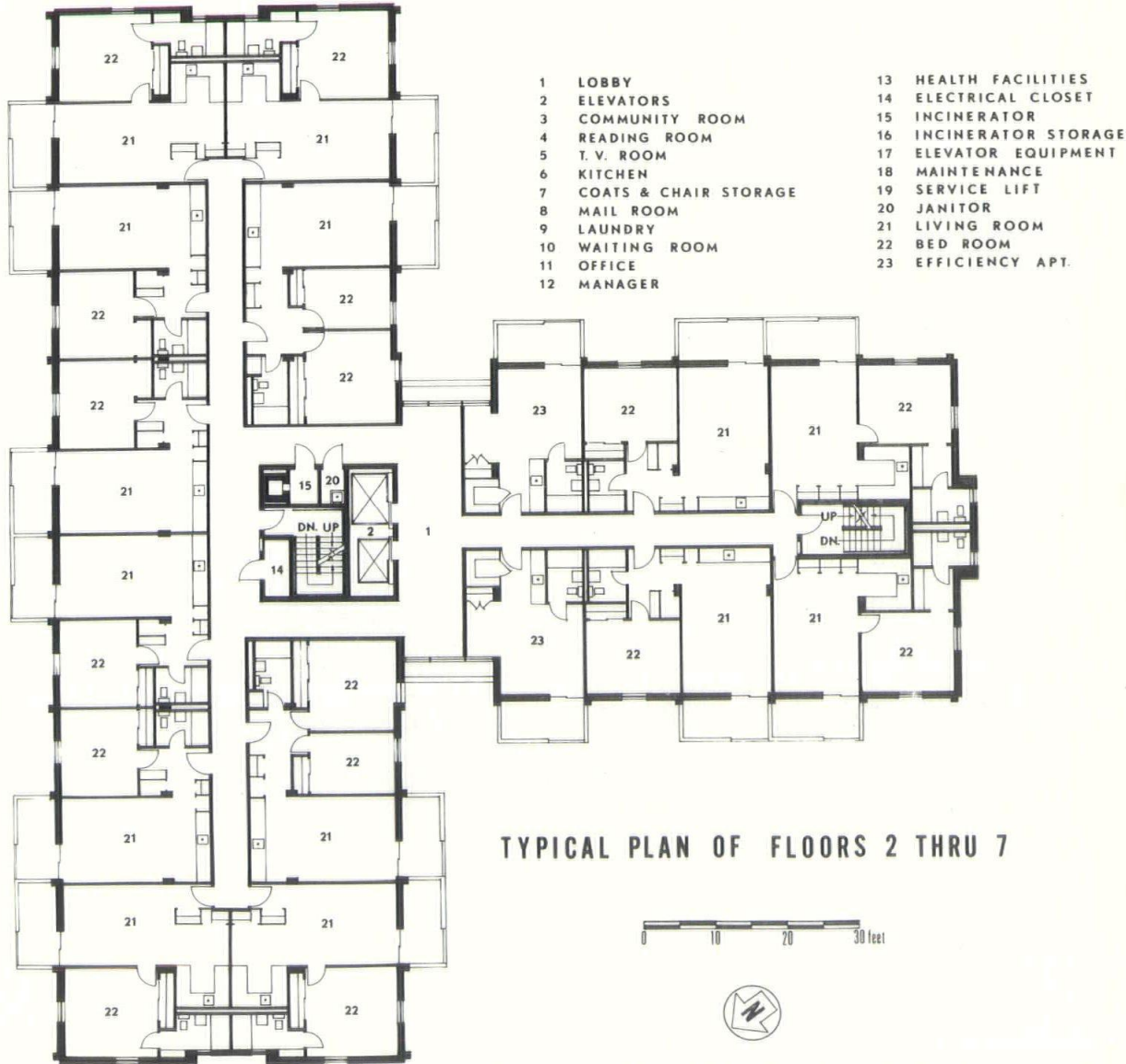
Since there was some ledge and some ground of clay and boulders, the building is supported on spread footings, with concrete poured directly on ledge. Pipe caissons three feet in diameter were driven through the clay to an average depth of 20 feet to solid rock. These caissons were filled with concrete.

There is no cellar as such — the spaces controlling plumbing, heating, maintenance, the incinerator, cleaning gear and the like are in one rear ground floor section backed into the hill, as the drawing shows. There is a service lift to move objects to the parking lot level. The first floor includes a laundry room as well as a bank of lock postal boxes.

In all, the architects reported that conventional construction procedures



The bedroom for the same apartment, It is in the upper right corner of the right hand wing in drawing below. Legend applies to both drawings.





Looking northeast from near Main St. Plenty of space in this rear court for sunning; two shuffleboard flats, right center, and ramp from parking lot, right background.

were followed. H.U.D. detailed guidelines for room sizes applied and, all in all, economy of construction was a leading criterion.

Still, local enterprise and generosity, reaching right down to the newly-formed Sunrise Towers Association, has helped create a living building. The big

12

community room may hold upwards of 200 persons for a set performance and is normally furnished with easy lounging furniture. Alcoves provide a kitchen, reading room and TV room. The Authority secured \$1,500 in furniture for all these spaces through the H.U.D. budget; the association has collected for

shuffleboard equipage; there is a TV in that room and the Rev. Stuart C. Haskins, a retired Laconia clergyman, gave a piano. Two elevators are silent and slow in movement; wide hallways throughout reduce institutional flavor.

"We think Henry and Don (the architects) and the builders did a

Granite State Architect



Part of the big Community Room, above. Windows look out on rear court pictured on the opposite page. Section of an alcove off the Community Room, right. Another view of the rear court, looking from just outside the Community Room toward Main St. Parking lot is beyond the wall and reached by stairs and ramp.



fabulous job," Mrs. Martin remarked. Towers is serviced by one full-time maintenance man and a second man working part-time. A number of visitors to Laconia have paused to walk about the grounds, see the interior and have a liesurely look at the building, which has been open since May.





The addition, opened in September, viewed from the East; Devine Hall is just off camera, left. The bridge is steel-framed, and 80 feet long, soaring over the ravine. It has timber planking, and connects with the first floor, rear.

Requirements for nearly doubling the size of the University of New Hampshire's Memorial Union in Durham with an addition opened last month, have created a structure of varied uses whose distinctive bulk and long legs will make it a campus landmark for many generations.

Growth of U.N.H. to more than 7,000 students brought on the need for a much larger Union, which more than any other building knits together the student body with a complex of facilities

for lounging, study, meetings, discussions, chapel, eating, dances, evening performances and special interests as broadcasting and the student paper; a place where a student may retreat to a quiet corner, or find the company of dozens of his peers.

Compared with the fraternities, the other major non-classroom places of resort, the Union is for all the focal point of the campus, the crossroads, the village green, the public square, the meeting place, The Agora. It follows

that the Union must have especially appealing appointments to attract the students.

The architects felt that the addition should carry on the original building's sense of ever-changing spatial patterns, of people easily perceived doing many different things, of immense variety and multiplied activity. Thus the Union contains all sorts of rooms with glass walls, large balconies, two-story halls, large stair wells, high, wide corridors and a general opening out rather than

Granite State Architect

Addition to Memorial Union

Durham

Koehler and Isaak Architects

Harvey Construction Co., Inc. General Contractors

cramped compartmentalized feeling. These characteristics belie the essentially barn-like shapes of the original building and its addition.

Since the Union runs east-west and is located at probably the highest point on the campus south of Main St. the first question was where to put the new section. (It is bigger than half a football field, being 190 feet long by 110 feet wide). To the north, under the existing original parking lot, ledge was found; a big extension of the first structure was ruled out since a wing was needed. The wing would have to extend south, out over the ravine dividing the south campus; this was the least expensive way.

A damp, grassy area with a wandering brook and some tall evergreens, the ravine has poor, soft sandy soil. It presented obvious foundation problems. The steep slope would require a complex of long legs to support the addition.

Accordingly, clusters of 8 or 10-inch metal pipes filled with concrete were driven down to bedrock, at around 40 feet. These piles were emplaced in extremely bitter weather last February, a great hardship for the workmen, who were especially mentioned by Richard

Dudley, the architect. (The hard ground, of course, was ideal for support of the pile driver and other heavy machinery operating in the ravine.)

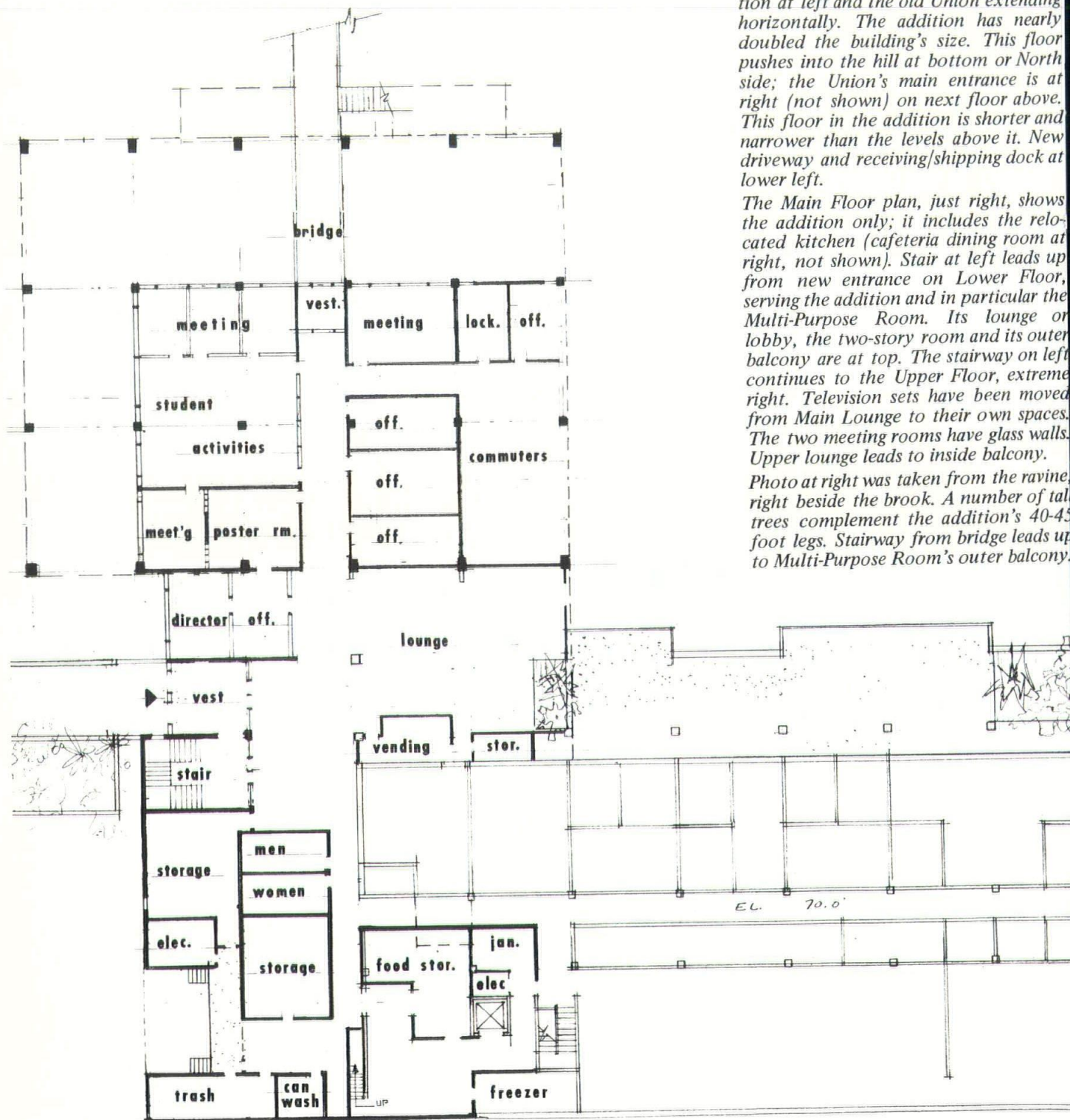
A concrete mat caps each cluster, there being one cluster for each of 24 legs. The latter are steel columns encased in unfinished concrete, employed for weathering and color. It was cast in place. The tallest legs are 40 to 45 feet high and all give the addition a distinctive signature.

Part of the \$1.4 million budget for the building included moving the brook 40 feet south of its original course during construction. It was thereafter returned to that course, which lies between the first and second row of legs. The new, 80-foot footbridge crossing the ravine from its south bank to the addition also enhances its signature as well as providing an added entry.

Another problem was relocation of the existing kitchen so it would continue to conveniently serve the original cafeteria and the new, large multipurpose room. And it had to be kept in operation every day.

"Just the logistics of moving that kitchen," Mr. Dudley recalled, "and

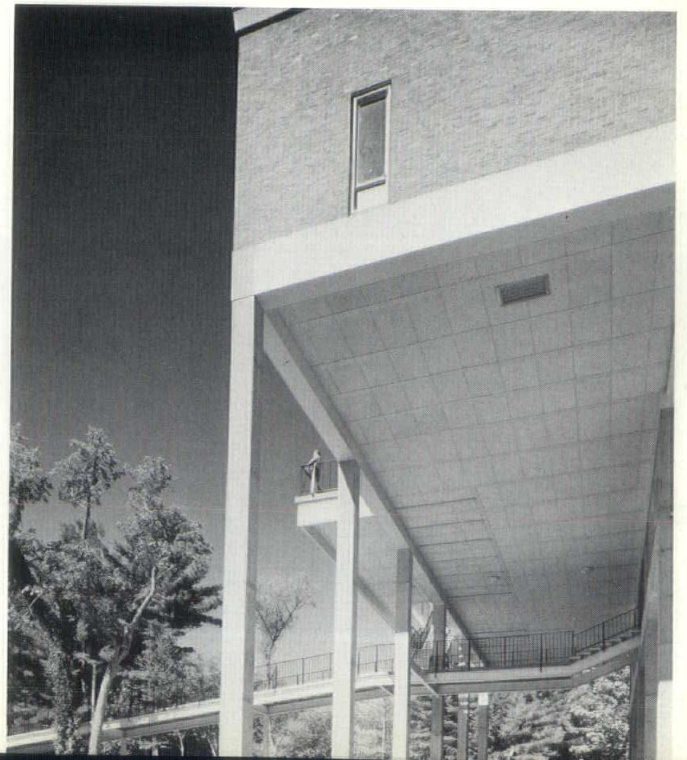
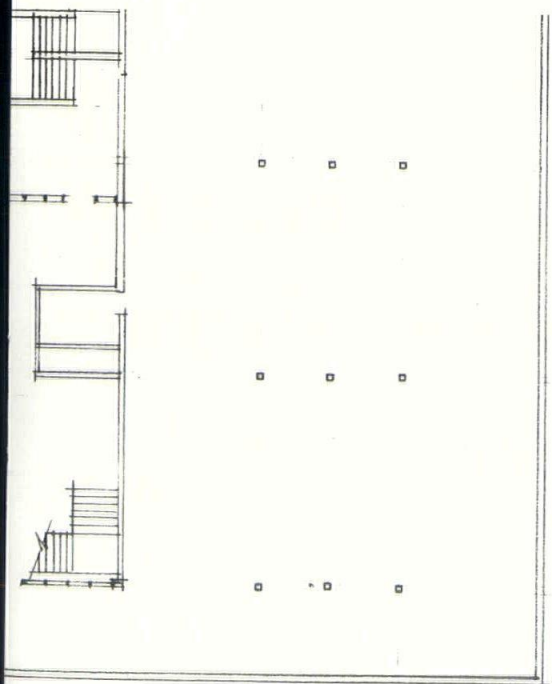
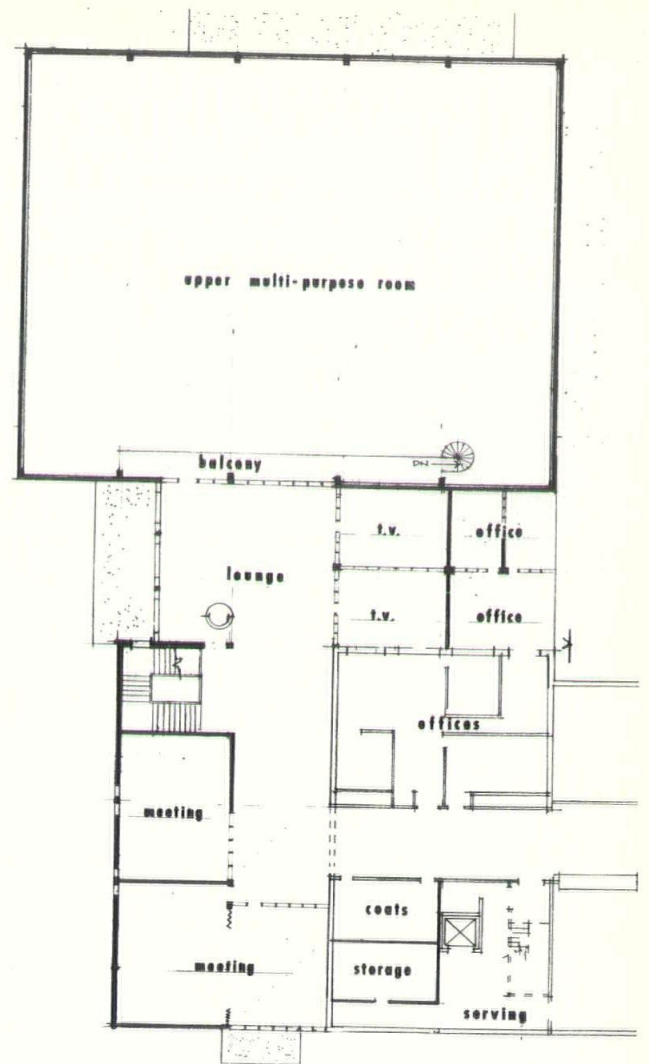
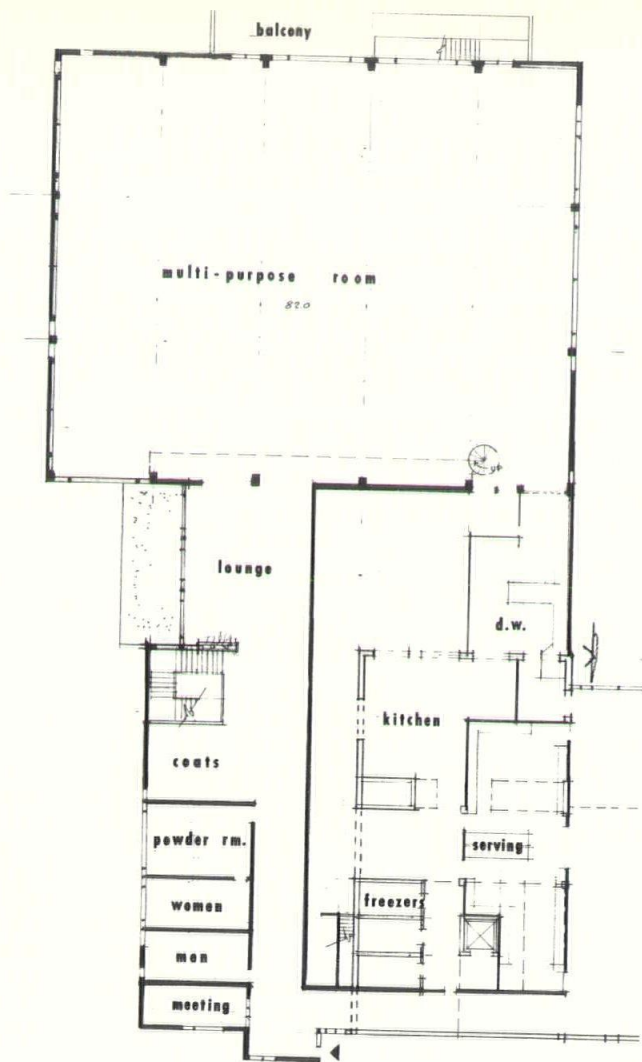




The Lower Floor plan, on this page and extending to Page 17, shows the addition at left and the old Union extending horizontally. The addition has nearly doubled the building's size. This floor pushes into the hill at bottom or North side; the Union's main entrance is at right (not shown) on next floor above. This floor in the addition is shorter and narrower than the levels above it. New driveway and receiving/shipping dock at lower left.

The Main Floor plan, just right, shows the addition only; it includes the relocated kitchen (cafeteria dining room at right, not shown). Stair at left leads up from new entrance on Lower Floor, serving the addition and in particular the Multi-Purpose Room. Its lounge or lobby, the two-story room and its outer balcony are at top. The stairway on left continues to the Upper Floor, extreme right. Television sets have been moved from Main Lounge to their own spaces. The two meeting rooms have glass walls. Upper lounge leads to inside balcony.

Photo at right was taken from the ravine right beside the brook. A number of tall trees complement the addition's 40-45 foot legs. Stairway from bridge leads up to Multi-Purpose Room's outer balcony.





Detail of the east stairwell, connecting the three floors with outdoors. Below, general view, with the addition's south-west corner at left. There are at present no plans to make use of the space under the lower floor. Casement windows were favored.

keeping it in operation is something I never want to go through again."

W.W. Justham, Director of the Union, noted that the result "is a much better kitchen," adding that service was kept up with good grace. A temporary receiving area for food and other Union supplies had to be built for the construction period to keep activities underway. It has since been demolished, the permanent delivery dock being on the east end.

(The addition's legs, he feels, add to the ravine — "it had just been a cluster of grass, but now it's more like a park.")

By moving the kitchen from the north to the east side of the complex, about half being in the old building and half in the new, it is handy to the multipurpose room and the cafeteria. The latter was doubled in size as part of the new construction and will accommodate upwards of 400.

Work was begun on the addition in January, 1969, and it is a steel frame structure with a peaked roof 45 feet above the lowest floor. The brick exterior and white trim harmonize with the older building (brick came from the same yard in Epping). Wooden windows are similar, too. A 'tween deck area was created below the bottom floor and insulated with soffit board to accommodate utility conduits and pipes (heat is from the U.N.H. central plant).

The first or ground floor at the high edge of the ravine consists of offices for the multitude of student organizations, that for the coordinator of Student Activities, a large lounge for commuting

students, a space for vending machines and adjoining eating space, the later two being open after the kitchen and cafeteria close.

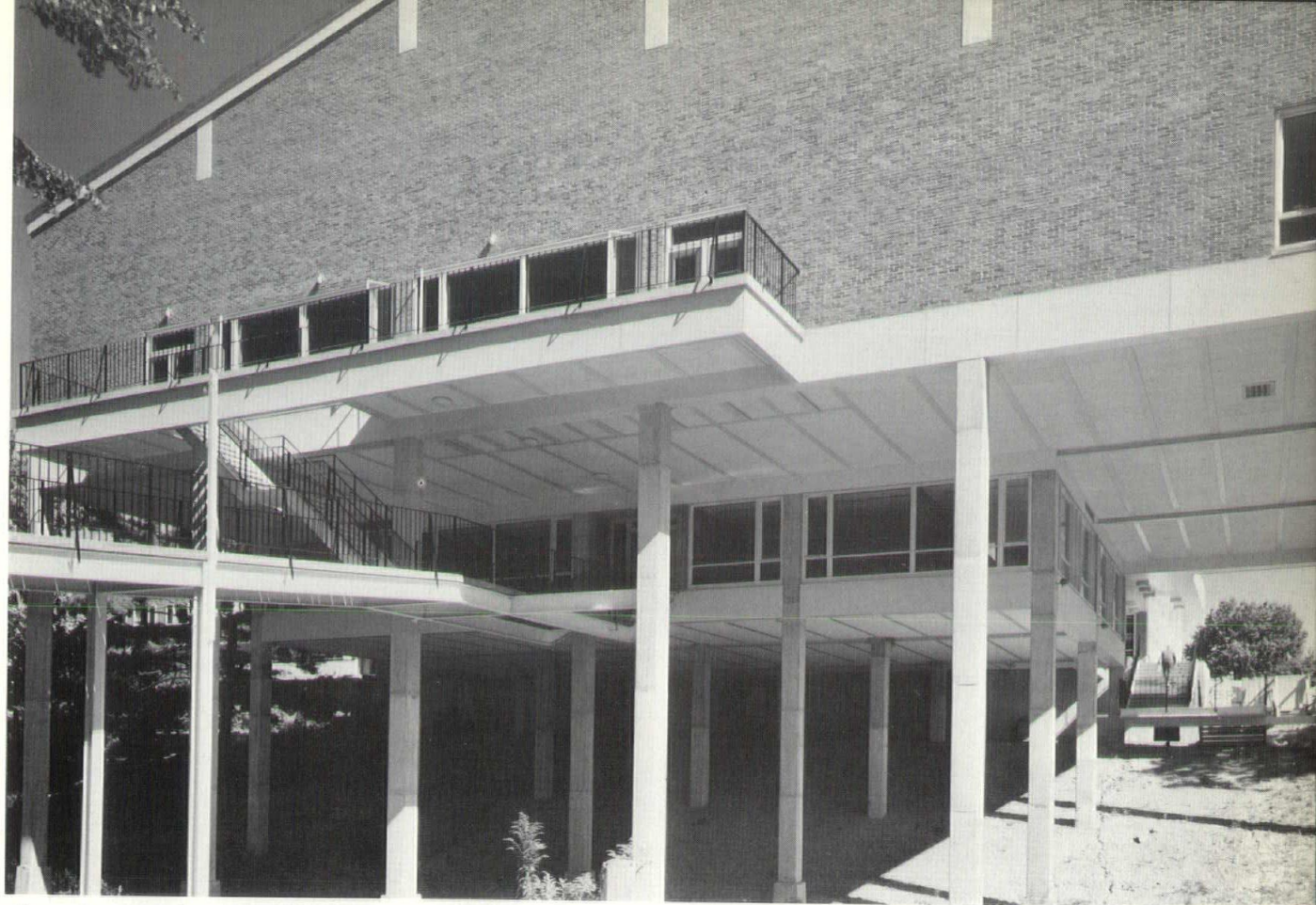
On the second floor front, on the side adjoining the old Union, are part of the kitchen, the big cafeteria and a conference room. The third floor front comprises two rooms for TV viewing, part of the enlarged main student lounge and small meeting rooms. Here, the glass walls are noteworthy, these transparent partitions being strengthened with wire.

The second and third floors rear, on the addition's ravine side, are devoted to its largest space, the two-story multipurpose room. This is 30 feet high from floor to ridgepole and measures 80 by 100 feet. Mr. Justham said that as one of the largest spaces on campus it will be host to many dances. Up to 700 may be accommodated for banquets and up to 1,000 for concerts and lectures.

Besides access from other parts of the complex this room has its own entry and foyer on the east. An outside balcony runs the width of the room and overlooks the ravine; inside balconies are reached from the third floor. Two sides consist mostly of windows and lighting features barrel-hoop chandeliers carrying two rows of incandescents.

This and other spaces have vinyl floors. Interior walls save for those of glass and some brick wall space are of painted white concrete block. The Union is open 18 hours a day and its addition has already made it one of the busiest places of any kind in the state.





General view from south side. Stairway at right leads to Lower Floor doors and vestibule, connecting with interior stairs. The Lower Floor has glass walls on three sides. The exposed legs vary from 45 to 7 feet in height, in keeping with the ravine slope.

gas heat is good.

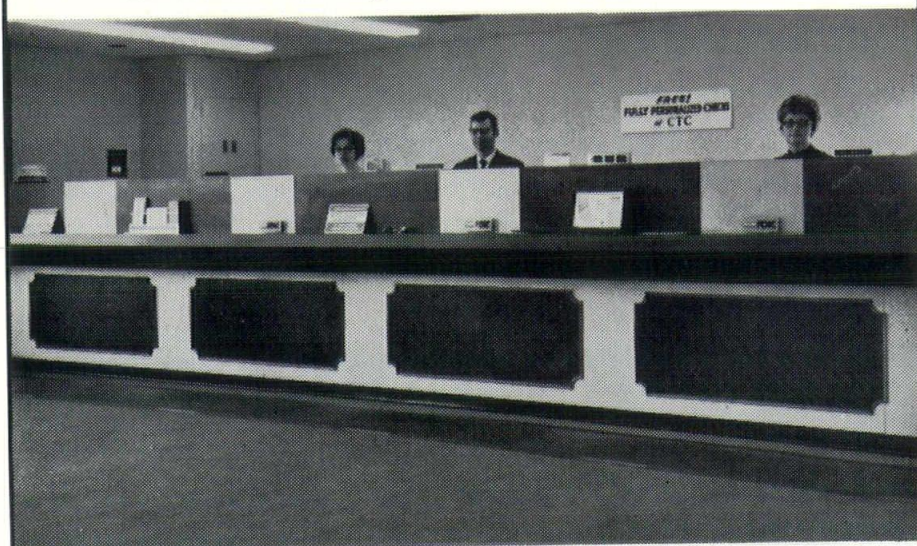
oil heat is good.

electric heat is good...

and clean!



A New Concept in Bank Appointments



CUSTOM-BUILT TO ARCHITECT'S SPECIFICATIONS FOR
THE NEW COLONIAL TRUST COMPANY OF NASHUA

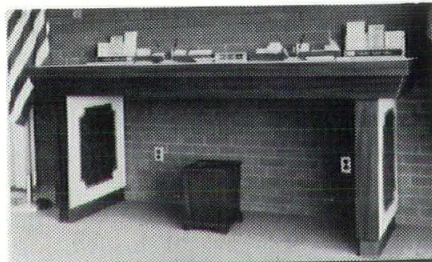
**CHAGNON LUMBER specializes in
Formica Fixtures — notice the inlay on
Teller Counter and Table Panels.**



CHAGNON LUMBER

"Nashua's Most Progressive Lumber Company"

Commercial Street
Dial 603-883-7776
or write to Box 576
Nashua, N.H.



Frank T. Cody Company

ELECTRICAL CONTRACTORS — SUPPLIES & FIXTURES

3 ALLEN STREET HANOVER, N.H.
DIAL 603-643-3508

NOTES continued from page 6

Central N.H. Regional Planning Commission, formed earlier this year, stated a form of "economic segregation" is developing in the Concord area. Towns like Hopkinton and Bow, he said, are attracting new houses, for higher income families; towns like Boscawen, Pembroke, Webster and Loudon are attracting mobile homes, for moderate and lower income families.

Towns with mobile home restrictions, such as Hopkinton, and Bow (it prohibits them), are increasing in higher income population, Rogers found. Boscawen has banned more mobile homes but has a sizable number of them; the other towns' mobile home totals have grown rapidly. Since the mobiles are taxed as depreciating personal property, the report said, a town's growing population and housing units could be accompanied by decreasing assessed valuation (this depreciating feature has already been denied by one town).

Thus, certain towns have a momentum in one direction or the other, Mr. Rogers concluded, and this cannot be arrested nor a balance struck "unless a regional land development analysis is done, and the development patterns coordinated" by the affected municipalities.

In this respect the Federal Reserve Bank study quoted and supported the essence of a remark by the Douglas Commission on Urban Problems: "... the legitimate desire to guide the form of the metropolitan area and to provide low density areas for those who want them must no longer be used as an excuse" to ban "apartments and mobile home parks." "Localities are too ready to say that these facilities must go somewhere else without saying where that somewhere is."

The bank reported that a few states, Mass. being the only one in New England, now overrule local zoning laws to permit government-subsidized housing construction (but not mobile home parks). These parks are improving rapidly as pleasant neighborhoods, the bank went on, and "do have a place in the suburbs." Responsible zoning, it said, would require such parks rather than putting on outright bans or banishing mobiles to poor locations. Statewide standards for parks were set by Vermont law this year.

A middle way between mobile homes and more expensive new houses was brought out by the recent opening of the state's third plant to make modular

Continued to page 3

Granite State Architects

GENERAL CONTRACTORS

FOR

MEMORIAL UNION BUILDING

UNIVERSITY OF NEW HAMPSHIRE

ARCHITECT:

KOEHLER & ISAAK, AIA





One of the largest developments envisaged is to be on the valley and upland acreage surrounding the Mt. Washington Hotel, Bretton Woods. The landmark and its extensive lands were purchased in 1969. Mt. Washington overlooks the scene, a photo by Polly Curtis, of Canterbury, N.H., entered in the N.H. — Tomorrow photo contest. Details of the contest, Page 30; other contest photos start on Page 26.

Mary, Mary, Quite Contrary,

How Does Your Development Grow?

By Frances Shaine

The answer to the title question is: Rampantly! No matter how fast we all keep running in place, on our own particular squares, the landscape of the Wonderland which is Twentieth Century America slips by us at an ever-increasing rate. In a small effort to put on the brakes, at least for the moment, the United States and New Hampshire legislative bodies have in the not too distant past put through some fresh subdivision laws.

It remains to be seen whether their net impact will actually diminish the

rate of conversion of virgin forest and rolling meadow to urban cityscape, but there seems little doubt that the combination of the two laws will leave Mr. and Mrs. Purchaser a little wiser than they have been in the past when they plunked down their hard-earned savings for a lot at Underwater Acres or a cottage at the Last Resort.

The demand on our recreational and natural resource base is almost unlimited.

A former editor of this magazine, Mrs. Shaine is an officer in the State Planning Division and has written extensively on planning, development and the state's economy.

As fast as land becomes available, it will be utilized, given a condition of continuing national prosperity and continuing national population increase.

Nobody knows just how fast the conversion from New Hampshire open space to closed-in suburbia is currently taking place. A law passed by the 1970 General Court transferring the Office of State Planning from the Department of Resources and Economic Development to the Office of the Governor also gives the Office of State Planning responsibility to "acquire and maintain a current record of all large subdivision developments in the state and keep the

Granite State Architect



The appealing lake mountain setting sought by developers and their customers. N.H. — Tomorrow Contest photo by William J. O'Brien, W. Hartford, Conn.

governor aware of all such activity and proposed actions." Like many such legislative directives, this mandate was passed without an appropriation which might have permitted hiring additional administrative or secretarial assistance to get out in the field and assemble the information.

So the work goes slowly. However, both an on-site and a mail survey were undertaken this summer, as a point of departure for the required "current record." Results are not yet complete, but indications are that the numbers of developments are increasing at an increasing rate, and that the situation is well nigh out of control.

What seems needed is over-all subdivision regulation of some sort, lest New Hampshire look like Levittown, and all the trees and lakes and open spaces be replaced by ticky-tacky houses in ticky-tacky developments.

The Federal law mentioned has been operative for more than a year now. To underline its potential importance to New Hampshire, we can note that the very first suit to be filed under the

ELECTRICAL CONTRACTORS



JOHN J. REILLY, INC.

875 S. WILLOW ST., MANCHESTER, N. H. 623-3568

LAWRENCE PLATE & WINDOW GLASS CO.

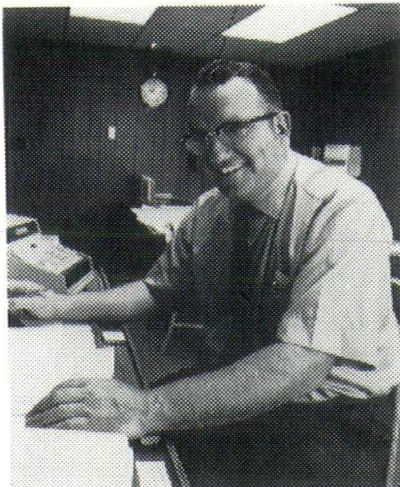
LAWRENCE, MASSACHUSETTS

*All Glass, Glazing and
Aluminum Entrances*

for

MEMORIAL UNION BUILDING at U.N.H.
DURHAM, NEW HAMPSHIRE

AT BLANCHARD STEBBINS ... PEOPLE ARE



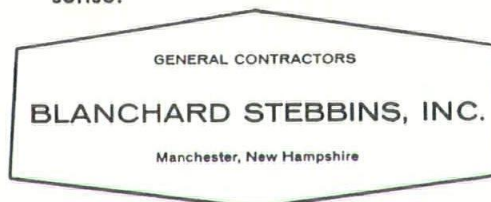
OUR FINEST RESOURCE

Blanchard Stebbins stands
ready to serve your

- Industrial
- Commercial
- Institutional
- Residential

Contracting Needs

Owen Pierce, Manager of Blanchard Stebbins' Residential and Light Commercial Division ... your "man on the scene" where top quality craftsmanship is essential. Mr. Pierce and his crew stand ready to handle your home or business improvements and construction. Give him a call today, and get together for an estimate. He makes a lot of sense.



330 Lincoln Street Manchester, New Hampshire 669-6323

Consulting Service Available

Kitchens — Dining Rooms

Schools — Institutions — Hotels

KITCHEN FOR THE MEMORIAL UNION BUILDING
University of New Hampshire
FURNISHED
by

INTERSTATE RESTAURANT EQUIPMENT CO.

Food Service Equipment — Janitors Supplies

37 AMOSKEAG ST.

669-3400

MANCHESTER, N.H.

Federal Interstate Land Sales Full Disclosure Act is now pending in the U.S. District Court in Boston. It is against the developers of Black Horse Acres in Rome, Maine, who have maintained sales offices in Seabrook, N.H. It is alleged that the firm failed to file with the Department of Housing and Urban Development a registration "statement of record" detailing the legally required information about the project, and that they failed to supply purchasers of land in the development a printed "property report" containing information required by law.

Exempts Small Operators

The requirements of the Federal Interstate Land Sales Full Disclosure Act are rather stringent, but they apply only to land sales offerings of fifty or more lots, by sellers whose offerings are distributed through the mail or other channels of interstate commerce. So the chap down the road who divides his farm into five or ten or twenty lots isn't covered at all by the Federal statute.

If he were, he would have to tell all: the name and address of each person having an interest in the lots of the subdivision; a legal description of the area, with map and topographical statement; statement of the present condition of access to the development; availability of sewage disposal and other public utilities; the nature of improvements to be installed by the developer and an estimated schedule for completion; legal encumbrances on the property; deeds, financial statements, and so on.

In addition to all this, any and every prospective purchaser is entitled to receive a "property report," which includes much of the same information. In terms of this law, it is illegal to sell or lease any lot in a subdivision which is covered by the law unless a printed copy of the property report is furnished to the purchaser in advance of the signing of any contract or agreement for sale or lease. Any contract or agreement for the purchase or leasing of a lot in a subdivision covered by the law can be voided at the option of the purchaser if he has not received the property report in advance or at the time of signing. And, that same purchaser may revoke such a contract or agreement within forty-eight hours, if he received the property report less than forty-eight hours before he signed the contract.

At the beginning of July the following developments in New Hampshire had so far registered under the Federal law: Patrician Shores, Newport; Chocorua

Continued on page 26

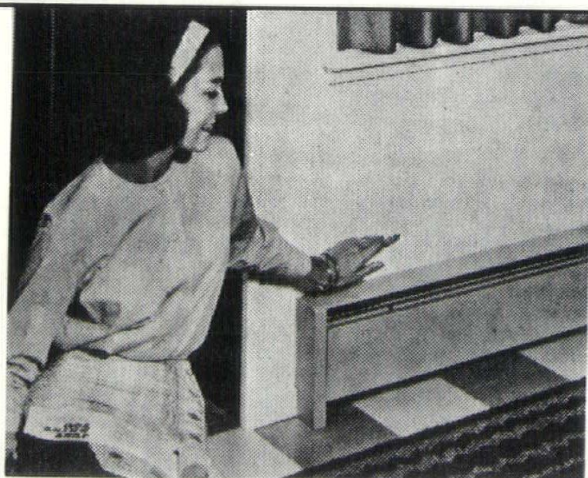
Granite State Architect



NEED COMPANY?

You're planning on going a long way in the construction business, and it is more than likely you will. As you grow so will your insurance-bonding needs and by "spreading it around" you may find that your insurance program hasn't kept pace with your fiscal growth. Why wait until you're in a bind? Call us and we'll survey your current program and project your future needs, without obligation. You do need company — Ours.

The
Rowley Agency, Inc.
139 Loudon Road
P. O. Box 428
Concord, N. H.



New Development Revolutionizes Home, Apartment, Individual Cold Room Heating Problems.

For free brochure write:

WAGHORNE—BROWN COMPANY OF N.E., INC.

P.O. BOX 343 — MERRIMACK, N.H. 03054

DISTRIBUTORS

Hot Water Heat Without Plumbing

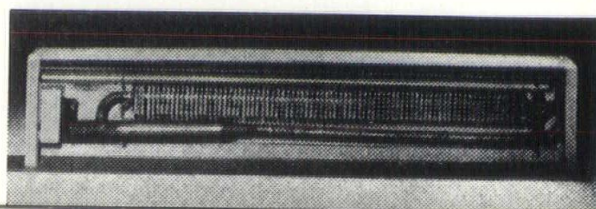
Hot water heat without plumbing is embodied in a new type of baseboard heating system which combines the best advantages of hydronic heat and electric heat while minimizing the disadvantages of both.

It's called electro-hydronic heating. Each of the baseboard heaters is a self-contained unit. An electrical element in each unit is immersed in water which is sealed in a copper tube. As the element heats the water, it causes it to circulate through a finned part of copper tube and back over the element.

The heating effect is identical to conventional hydronic systems with the extra advantages of no plumbing, furnace, chimney or annual furnace maintenance. Further, temperatures in any or every room can be precisely controlled.

Field tests indicate a dimension of comfort, safety, cleanliness, healthfulness and economy available in no other method of heating.

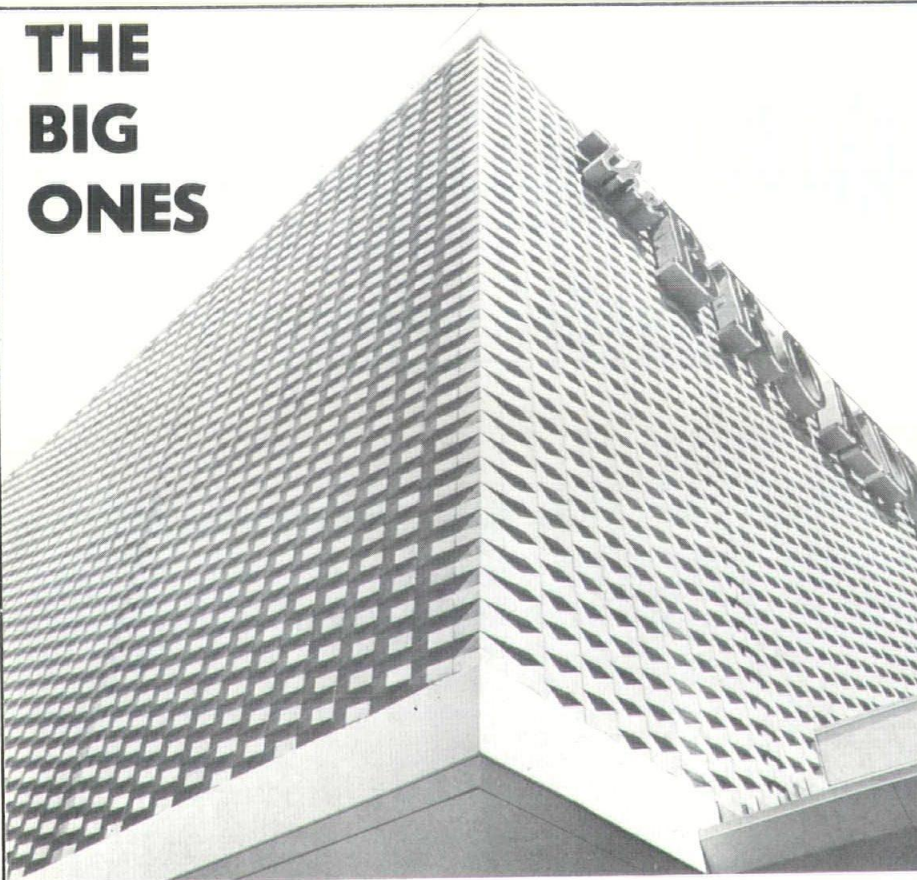
The electro-hydronic baseboard heaters are 9½ inches high and from 20 inches to 9 feet in length.





Anglers at peace, in South Merrimack. N.H. — Tomorrow Contest photo by G.L. Boros, Nashua.

THE BIG ONES



VERSATILE BARGAIN-PRICED CONCRETE MASONRY

. . . commercial buildings are doing around
50% of the nation's total retail trade . . .
the new & exciting world of marketing places.

DURACRETE BLOCK CO., INC.

MANCHESTER, N.H. — MANUFACTURERS OF CEMENT BLOCKS

Ski and Beach Club, Tamworth; Gunstock Acres, Gilford; Indian Mound, Center Ossipee; Waterville Estates, Campton; Locke Lake Colony, Barnstead; Square Brook Estates, Freedom; Mountain Lakes, Haverhill; Christmas Mountain Mittenwald, Bartlett; Crotched Mountain Club, Franconia; Hidden Valley, Center Tuftonboro; Eidelweiss, Madison; Winona Forest, Meredith; and Lake Ashuelot Estates, Washington.

The New Hampshire Law

The clear intent of the Federal law is to provide information both to the government and to the public about subdivisions and developments. The New Hampshire Land Sales Full Disclosure Act of 1970 covers many of the same points and has an additional trust. In seeming response to the many cries of "Mafia" which have colored some New Hampshire land transactions, the State

Bert's General Painting Co., Inc.

347 Broadway
LOWELL, MASSACHUSETTS
Tel. 617-452-7410

PAINTING CONTRACTORS
for
SUNRISE TOWERS
LACONIA, N.H.

General to initiate "such examination as it shall deem necessary to determine," among other things, "whether the subdivider has not, or if a corporation its officers, directors, and principals have not, been convicted of a crime involving land dispositions or any aspect of the land sale business or any other felony . . . within the past ten years . . ." The law also permits the Attorney General to determine "that any advertising material . . . and the general promotional plan are not false or misleading and comply with the standards prescribed by the agency . . . and afford full and fair disclosure . . ." The New Hampshire law took effect on October 1 of this year, so compliance is not yet measurable.

These two laws, working jointly, should reduce the very substantial element of caveat emptor which has formerly been prevalent in land sales dealings in New Hampshire and perhaps they will indirectly raise the quality of the current subdivision products.

Perhaps, even, they will reduce in some small measure the rate of land turnover which we think we currently experience.

There is only one other significant restraint on the land developer in New Hampshire. If the land to be developed lies within 1000 feet of surface water, the Water Supply and Pollution Control Commission must approve the plans for sewage disposal. All things being equal, and they generally are, this approval is granted rather freely, and the developer moves easily ahead with his plans.

"Little . . . As he Tramples"

The next barrier, if there is one, lies at the community level. But fewer than one half of our New Hampshire towns and cities have planning boards, zoning ordinances, and land subdivision controls. This means that there is little or no inhibition on the developer as he tramples the land, buying acreage for prices in the low three figures and selling it for ten times more.

The policy questions, the philosophy questions, the aesthetic questions are still to be resolved. In some cases, they are still to be discussed. And although the lines are drawn many, too many, have yet to choose their side.



Symbol of

MACMILLIN CRAFTSMANSHIP

THIS FLAG, DISPLAYED AT THE SITE OF
EACH MACMILLIN CONSTRUCTION PROJECT,
SYMBOLIZES THE SKILL AND PRIDE
OF NEW ENGLAND CRAFTSMANSHIP
WHICH IS BUILT INTO EVERY STRUCTURE



THE MACMILLIN COMPANY
KEENE • NEW HAMPSHIRE



BUILDERS



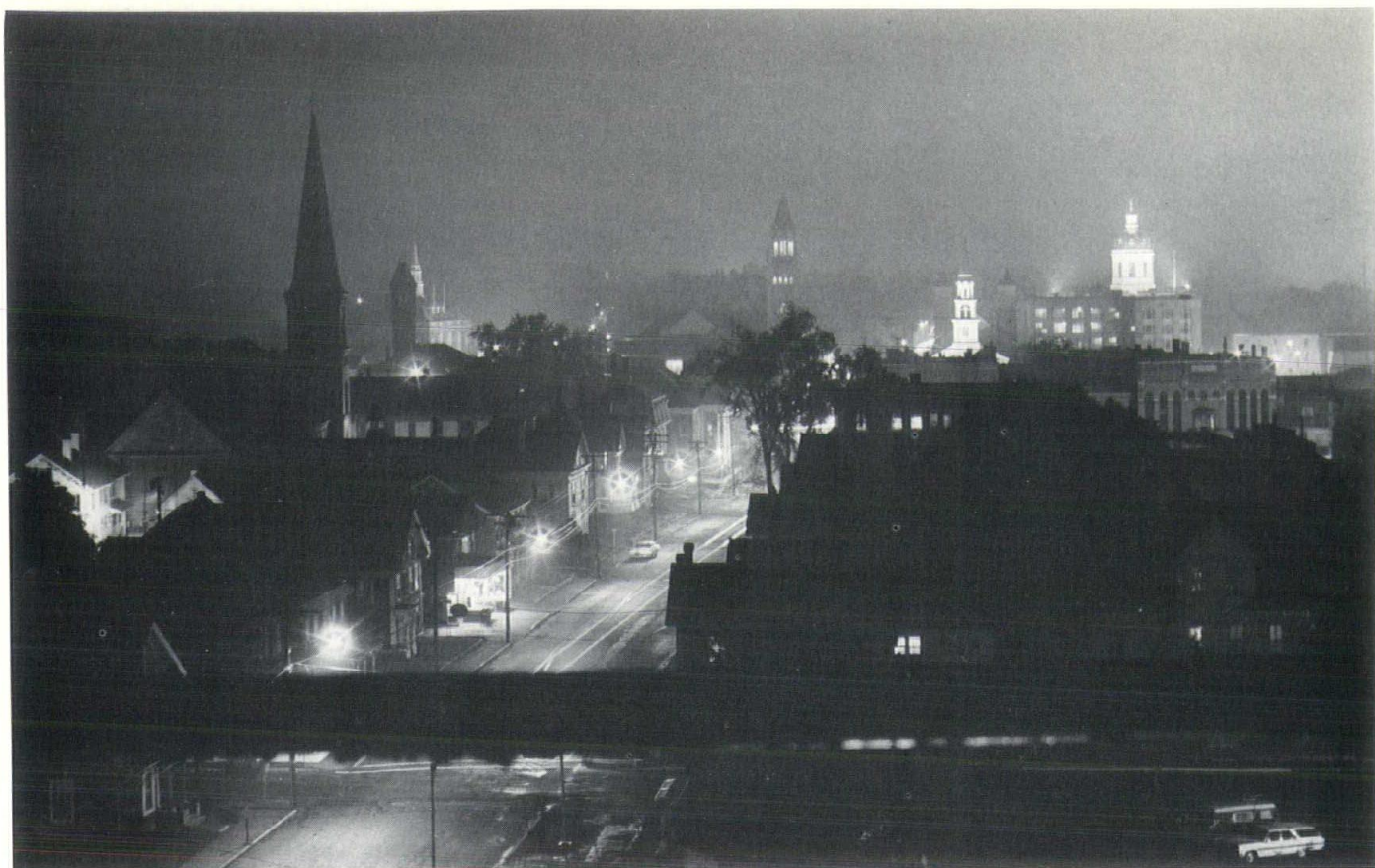
NATIONAL PARTITIONS INC.

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

DRYWALL & MOVABLE PARTITIONS CONTRACTORS

for

MEMORIAL UNION BUILDING, U.N.H. — DURHAM
SUNRISE TOWERS, LACONIA



Summer heat and polluted air thicken a night scene in Concord. This is State St., looking north; towers l-to-r are South Congregational Church; Fire Station; City Hall; First Church of Christ, Scientist; Baptist Church; State House, N.H. — Tomorrow Contest (data on Page 30) photo by Peat Curtis. A State air pollution survey found in September that Concord has the highest fallout per square mile in its area, mostly from motor vehicles.

PLASIK

THE LOW MAINTENANCE SEAMLESS FLOOR
IN AN UNLIMITED COLOR RANGE

installed by

NEW HAMPSHIRE FLOOR COVERING CO., INC.

- III **PLASIK** requires no waxing, stripping or buffing.
- III **PLASIK** is non-skid, non-dusting - is resistant to abrasion, oils, ink & a wide range of acids & chemicals.
- III **PLASIK** may be applied - usually without seams or joints - on almost any subfloor, including those with under-floor heating & removable computer floor panels.
- III **PLASIK** is also adaptable to cove moldings, stair treads & risers.
- III **PLASIK** weighs 1.1 lb. per square foot at 1/8" thickness.

for specifications & mechanical data, contact:
EMILE A. CHAGNON, JR., PRES. — JOHN BATCHELDER, SALES.

NEW HAMPSHIRE FLOOR COVERING CO., INC.

COMMERCIAL ST., NASHUA, N.H. — TEL. 603-883-7776

NORTHERN

HEATING & PLUMBING CO., INC.

RICHARD L. TROMBLY, President

**PLUMBING — HEATING
VENTILATING
SHEET METAL WORK OF
ALL KINDS**



Serving Northern New Hampshire
in Domestic, Commercial and
Industrial Installations

91 Bisson Ave. — Laconia, N.H.
524-0800

Main St. — Meredith, N.H.

SAWYER

Professional Interior
Designer
Consultant to Architects

Stark & Commercial Streets
Manchester, N.H.
623-3853

MATHESON'S INC.

Fabrics and Carpets

1401 UNION AVE - LACONIA, N.H.

*Draperies and
Wall Covering
for
Sunrise Towers*

DIAL 524-3022

PLUMBING

for

SUNRISE TOWERS
LACONIA

**The Francoeur-Gill
Company, Inc.**

*Plumbing and
Heating Contractors*

34 CLINTON STREET
P.O. BOX 86
LAKEPORT, N.H. 03246
Tel. 603-524-1800



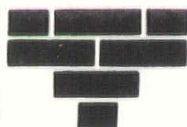
Store Front Glass & Glazing Contractors
Distributors Erectors
For Windows and Curtain Walls
Manchester, N.H.

- **COMPRO CORP.** — P.V.C. WINDOWS & CURTAIN WALLS
- **E.K. GEYSER** — CURTAIN WALLS

DISTRIBUTORS IN NEW HAMPSHIRE & VERMONT
KAWNEER CURTAIN WALLS & WINDOWS

United Glass & Aluminum Co., Inc.

CONTRACTORS FOR:
NEW ENGLAND TELEPHONE & TELEGRAPH CO., MANCHESTER, N.H.
— GLASS & ALUMINUM WINDOWS, DOORS and ENTRANCES —



W. S. GOODRICH, INC.

MANUFACTURERS OF

Water Struck Brick

HARVARD, COLONIAL, ANTIQUE, FACE AND COMMON BRICK

Established 1906 ☐ 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.

Landscaping for N.H. Vocational Technical College
Nashua, N.H.

Harper Construction, Inc. — CONTRACTOR
by



NORTHERN LANDSCAPE, Inc.

Industrial and Commercial Landscaping

468 MERRIMACK ST., METHUEN, MASS. TEL. 617-686-6583



More N.H. – Tomorrow Contest photos. Above, Earl Sanborn at his junk shop in Littleton; photo by Roger Pineault, Littleton. Right, Manchester scene, by Eric M. Sanford. A well-known photographer, Mr. Sanford, assisted by his wife, judged the photos in the contest, sponsored for N.H. – T. by the N.H. Professional Photographers Assn. There were a total of \$1,000 in prizes awarded.

SPAULDING BRICK CO., INC.

Distributors of Brick and Structural Tile

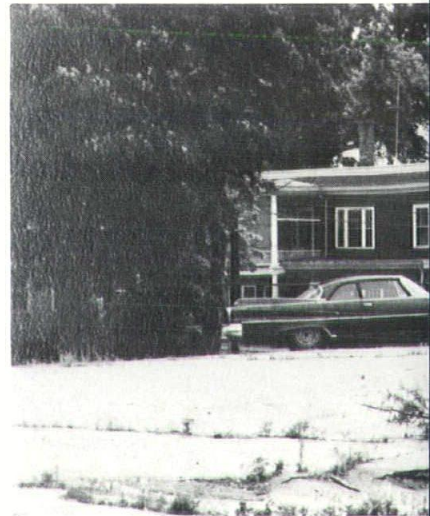


120 MIDDLESEX AVENUE, SOMERVILLE, MASSACHUSETTS

P. O. BOX 132
WINTER HILL STATION
BOSTON 45, MASSACHUSETTS
MONument 6-3200

CHARTER MEMBER

National Association of Distributors and Dealers of Structural Clay Products

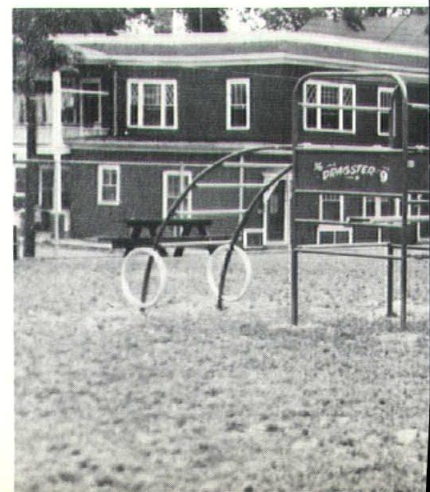


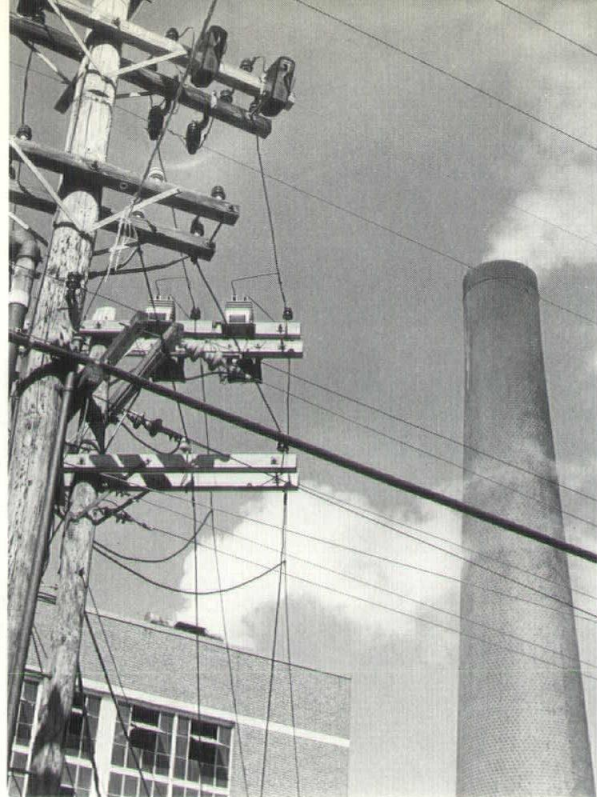
JOHN W. EGAN CO., INC.

General Painting Contractors

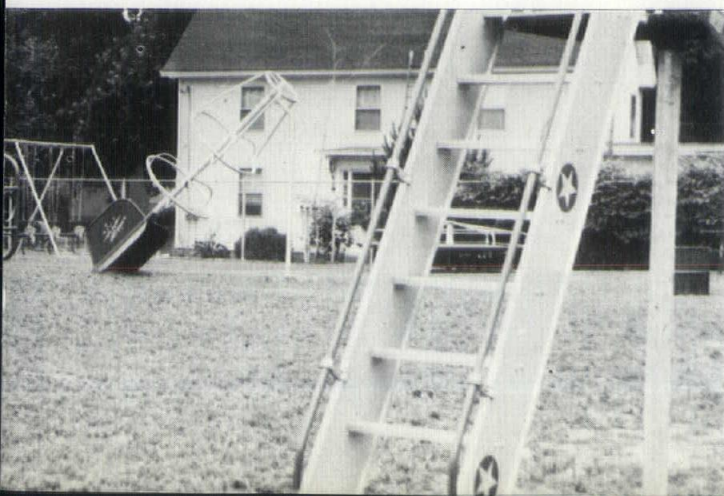
21 Pleasant Street
Newton, Mass. 02159 Tel. 617-244-9750

Painting for MEMORIAL UNION BUILDING
University of New Hampshire





Below, before and after restoration of the Belvidere Playground (1970), Nashua; contest photo by Claudette Durocher, Litchfield, N.H. The competition brought out varying themes: a) deterioration of the environment; b) examples of desirable surroundings; c) how it has been or can be improved; d) any unique statements on the N.H. environment.



**slower, cooler,
handsomer courts!**



**unmatched
performance!**

Asphalt tennis courts dressed in the smooth, 10° to 20° cooler, green beauty of Plexipave win praise from players . . . and long range approval from maintenance people. Plexipave is more than a coat of color, more than a paint. It is a unique, color-in-depth Finish System that integrates with any asphalt construction.

Easy to apply Plexipave fills in cracks and seams . . . levels rough textures. It creates a shield against the harsh rays of the sun and severe weather conditions that deteriorate asphalt. Through the years, Plexipave resists peeling, cracking, fading and brittling.

Add performance, tough wear and uniform beauty to the next tennis court you build or resurface with . . .

PLEXIPAVE

COLOR FINISH SYSTEM FOR SURFACES

For more details on performance, easy application and variety of uses, send for this free brochure now! For quick information, call John Wood "COLLECT" at (617) 547-5300.



NEW ENGLAND MANUFACTURERS OF DECORATIVE AND PROTECTIVE FINISHES FOR OVER 40 YEARS
CALIFORNIA PRODUCTS CORPORATION
169 WAVERLY STREET CAMBRIDGE, MASS. 02139 TEL: 617 547-5300

office furniture

steelcase
marble - imperial
watson bank equipment
johnson chairs
library furniture

service to architects and
space planners

office machines of new hampshire

652 elm st., manchester
phone 625-6478

showroom & warehouse

CERAMIC TILE AND RESILIENT FLOORING

for

SUNRISE TOWERS, LACONIA, N.H.

ERICKSON & DENNIS, AIA

by



Merrimac Tile Co., Inc.



SOUTH MAIN STREET
DERRY, N. H.
432-2544

INDUSTRIAL
COMMERCIAL

352-2215

ELECTRIAL CONTRACTORS FOR

POWER
SYSTEMS *
PLANNING *
MACHINE
ERECTING *
MILLWRIGHT
WORK *

SUNRISE TOWERS

Philip D. Moran, Inc.

103 WINCHESTER ST.
KEENE, NEW HAMP.

NOTES continued from page 20

or sectional housing, for Continental Homes of N.E., Inc., in Nashua. This factory took over the Gilbilt operation, producing up to five houses daily. Styles vary from 998 square feet (24'6" x 40'10") to 1,243 square feet (24'6" x 62'10"). Sections are just over 12' wide, permitting transport on the highways; varieties of decoration are offered; costs are given as \$11-\$13 and up per square foot. Householders provide their own land, utilities hookups and may or may not have a cellar, as desired. In all, it means that a home may be had for around \$18,000 minimum, vs. \$4,500-\$6,800 minimum for a mobile home including land cost or park rental.

Dodge Report

Though all types of construction in 1970 in the state are running about 18% behind 1969 to date, this year's rate has been accelerating faster than a year ago during the summer, according to George A. Christie, vice president of F.W. Dodge Division of McGraw-Hill publishing. Contracts through July, the latest month covered, totaled \$110,965,000 vs. \$135,817,000 a year ago. Part of the early lag here was special since highway contracts were held up by Transportation Secretary John Volpe's ban on I-93 construction in and well below Franconia Notch. Comparatives for 1970 through July and 1969, in parentheses are: Non-residential: \$43.4 million (\$51.7); Residential, \$44.3 (\$55.1); Nonbuilding, \$23.1 (\$28.9).

Height Restriction Upheld

The State Supreme Court has ruled that a law enacted by Meredith restricting the height of buildings is legal, under its police powers. The law was passed in a special Town Meeting to head off building of five nine-story apartment towers on Meredith Bay. Buildings over 75 feet high are prohibited; no building over three stories or 45 feet high may be erected within 50 feet of another building or within 100 feet of the shore of any lake.

Recent Openings

New structures opened include the \$1.2 million State Supreme Court Building, in Concord, dedicated with a ceremony Sept. 16 including an address by retired U.S. Chief Justice Earl Warren; and the \$3.1 million Christensen Hall, on Sept. 19 at University of New Hampshire, Durham. The Court building has already been commented on by this magazine.

Granite State Architect

MEGQUIER & JONES CORP.

1156 South Broadway
South Portland, Maine

Tel. 207-772-7453

STRUCTURAL STEEL

and

ORNAMENTAL IRON

MEMORIAL UNION BUILDING

UNIVERSITY OF NEW HAMPSHIRE
Durham

TECTUM INTERIOR
ACOUSTICS

TECTUM ROOF DECK

for

MEMORIAL UNION BUILDING
U.N.H. Durham, N.H.

BY

**Space Design
Systems**

ACOUSTICAL
and PARTITION
CONTRACTORS

Box 216
Old Manchester Rd.
Amherst, N.H.
603-673-2337

Box 126
Kennebunk, Maine
207-985-3309

122 Main St.
Winthrop, Maine

GEORGE J. KEHAS COMPANY

Distributors and Erectors of Quality Curtain Walls And Windows

*Is proud and pleased to announce
their appointment as*

EXCLUSIVE DISTRIBUTORS

*in New Hampshire, Maine and Vermont
for*

The WILLIAM BAYLEY COMPANY

of Springfield, Ohio

A LEADING MANUFACTURER IN THE U.S. OF
ARCHITECTURAL METAL WINDOWS & CURTAIN WALLS

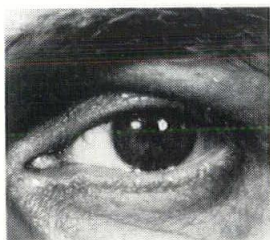
Inquiries invited at Building 230 —

GRENIER FIELD — MANCHESTER, N.H. — DIAL 603-627-7646

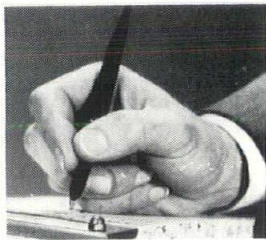
We Are Backed by 21 Years of Continuing Service
to the Architectural Profession



CALIFORNIA all-latex paint system passes two tough tests:



**The architect's
eye.**



**And the
contractor's
arithmetic.**

California All-Latex Paint System wins the architect's approval. With appealing colors and smooth, even textures to enhance his design. With practical, durable finishing for any surface or material, indoors or in the weather. Cost-conscious contractors prefer California All-Latex Paint System, too . . . because it means faster, better results. Fewer complications. Lower labor costs. And fast, dependable service from your local dealer or Cambridge, Mass.!

California All-Latex is the contemporary approach to architectural finishing . . . a complete family of fine, dependable high-quality all-latex paints that include:

- ALLWALL® Interior All Purpose Flat Vinyl Paint
- ALLSHEEN 100% Latex Eggshell Enamel
- RAY-O-GLOS® Interior Latex Semi Gloss Enamel
- ALLFLOR Epoxy Acrylic All Purpose Floor Enamel
- CALIFORNIA House Paint
- CALIFORNIA House Paint Primer
- CALIFORNIA Trim Paint
- PLEXICOLOR Exterior Acrylic for Masonry
- RUST-PLEX 100% Acrylic Latex Metal Paint
- Plus other Special Finishes

Specify California All-Latex Paint System for your next project! For the new California 540 Architect's Color Selector Book with Ultra-Deep Tones and Pastels, call collect or write your California Products District Manager:

Guy Wood Penacook Road Contoocook, N.H. (603) 746-3082

 NEW ENGLAND MANUFACTURERS OF DECORATIVE AND PROTECTIVE FINISHES FOR OVER 40 YEARS
CALIFORNIA PRODUCTS CORPORATION

169 WAVERLY STREET
CAMBRIDGE, MASS. 02139
TEL: 617 547-5300

Lou Laney, one of the Nashua CD divers, comes up for air after collecting a raft-full of rubbish in 10 minutes. Below, part of the general scene as the Nashua CD divers prepare to float their rafts and canoe into the swift current. Volunteer crews and city trucks hauled away 2½ truckloads, including a tied bundle of 1939 newspapers.



SAVING SALMON BROOK

Nashua Skin Divers Donate a Timely Cleaning

Twelve members of the Nashua Civil Defense skin diving unit spent a weekend scouring clean the bottom of Salmon Brook, on the city's west side in a fast-growing residential area. It has been a favored waterway for swimming and fishing but lately more in demand as an open dumping site. N.H. — Tomorrow Contest photos on both pages by John D. Harrigan, Nashua. Below, children watch the operation; there is a diver working near each raft. Bottom, surveying part of 10 years' trash. Right, head diver Gene Parker explains matters to an ecological student.





Seppala & Aho

CONSTRUCTION CO. Inc.

NEW IPSWICH, N.H.

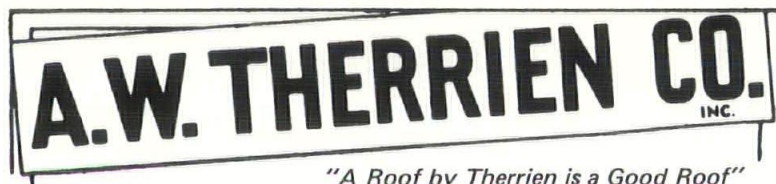
Tel. Greenville 878-2424

Nashua 889-0124

BUILDERS OF CONFIDENCE

NOW BUILDING:

FOREST-ALL — Pembroke, N.H.
FRAMINGHAM SHOPPING CENTER — Framingham, Mass.
RICE TIRE CO. — Nashua, N.H.
FRANKLIN NURSING HOME — Greenfield, Mass.
D.I.S.C. BUILDING — Littleton, Mass.
ROWSE BUILDING — Littleton, Mass.
NASHUA TRUST CO. — Nashua, N.H.
AUBUCHON HARDWARE — Westminster, Mass.



"A Roof by Therrien is a Good Roof"

ROOFING CONTRACTORS
for

MEMORIAL UNION BUILDING — U.N.H.
DURHAM, N.H.

PHONE 603-669-3344 199 HAYWARD STREET MANCHESTER, N.H.

LATHING, PLASTERING & SPRAY FIREPROOFING

Francis P. Connor & Son, Inc.

18 HARBOR AVE. — NASHUA, N.H. — 603-889-1164



"WE CAN GET YOU PLASTERED"



Index To Advertisers

R.E. Bean Construction Co., Inc.	3
Better Home Heat Council of N.H.	Cover II
Bert's General Painting Co., Inc.	26
Blanchard Stebbins, Inc.	24
California Products Corp.	31
California Products Corp.	34
Campton Sand & Gravel, Inc.	6
Chagnon Lumber Co.	20
Frank T. Cody Co.	20
Francis P. Conner & Son, Inc.	36
Corriveau-Routhier	1
Duracrete Block Co., Inc.	26
John W. Egan Co., Inc.	30
Fimbel Door Corp.	Cover IV
The Francoeur-Gill Co., Inc.	29
Gas Industries	6
W.S. Goodrich, Inc.	29
Harvey Construction Co., Inc.	21
Interstate Restaurant Equip., Co.	24
George J. Kehas, Inc.	33
Lawrence Plate & Window Glass Co.	23
Lebanon Crushed Stone, Inc.	6
Lyons Iron Works	Cover III
The MacMillin Co., Inc.	27
B.L. Makepeace, Inc.	3
Matheson's Inc.	29
Megquier & Jones Corp.	33
Merrimac Tile Co., Inc.	32
Philip D. Moran, Inc.	32
National Partitions, Inc.	27
N.H. Flooring, Inc.	28
Northern Heating & Plumbing	28
Northern Landscape, Inc.	29
Office Machines of N.H.	32
Public Service Co. of N.H.	19
John J. Reilly, Inc.	23
The Rowley Agency	25
Sawyer	29
Seppala & Aho	36
Donald D. Snyder & Son, Inc.	21
Space Design Systems	33
Spaulding Brick Co., Inc.	30
C.H. Sprague & Son, Co.	7
Tilton Sand & Gravel, Inc.	6
A.W. Therrien, Inc.	36
United Glass & Aluminum Co., Inc.	29
Waghorne-Brown Co. of N.E., Inc.	25
Arthur Whitcomb, Inc.	6

Granite State Architect

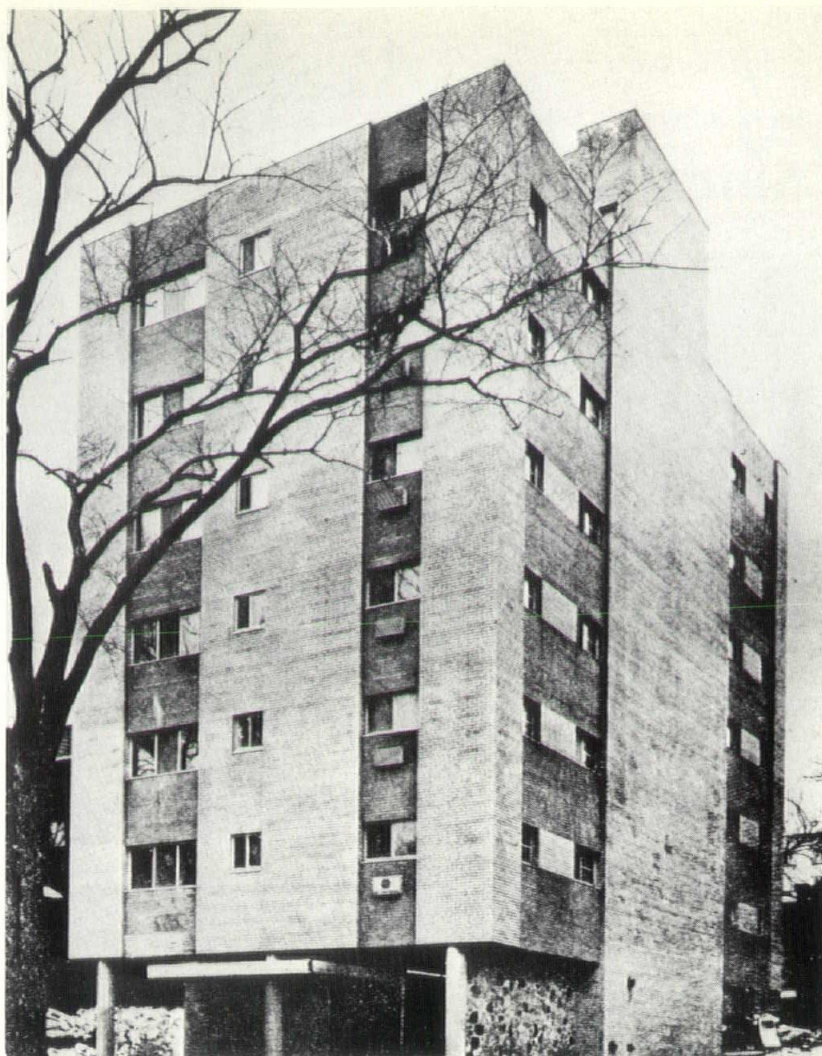
Specify Earlier Income ... Specify STEEL

**With Steel, you get earlier occupancy
... you collect rent sooner**

The ten-month total construction time was four months shorter than other materials would have required. And the owner estimates that four months of extra rent equals \$14,000 extra income.

Steel is more economical

There are other advantages to steel, too. The initial cost of using a steel frame is more economical. The lightweight steel framework meant substantial savings in foundation costs. Permanent steel decking eliminated the need for temporary flooring and shoring by providing working platforms for the other workmen to perform their tasks.



Owner
LAC Corporation

Architect-Engineer
E-A Associates

General Contractor
Charles Groskopf Construction Co.

It pays to build in Steel, not only for

earlier income, but for construction savings, too.

... So specify Steel for your next building.



Lyons
"STEEL WHEN YOU WANT IT"
IRON WORKS, INC.

62 Maple Street

Manchester, N. H.

MEMBER



Of Interest to Architects

GSA
LIBRARY
AMERICAN INSTITUTE OF ARCHITECTS
1735 NEW YORK AVE NW
WASHINGTON D C 20006

~~~~~  
**Since 1924 — FIMBEL DOOR CORPORATION**



**MANUFACTURING • SALES • SERVICES**  
**OUR "OVERACTION DOOR"**

The Fimbel "Overaction Door" Meets All Specification Requirements  
for Any Residential, Commercial or Industrial Installation

- Finest Materials and workmanship in wood, aluminum, fiberglass and steel.
- Electric operators and remote electronic controls.
- Standard installations are routine, but if you do have a door problem, our engineering department can cope with the situation.

For Technical  
Information See  
Sweet's  
1970 Catalog

Look for this trademark



~~~~~  
FIMBEL
DOOR CORPORATION

For Distributors and Dealers
in principal New England cities—
Write or Call:

MAIN OFFICE: 24 Fox St., P. O. Box 848
Nashua, New Hampshire
603-882-9786