



STATE New Hampshire  
CITY Concord COUNTY Merrimack  
DATE February 16, 1953

## ARCHITECTS' ROSTER QUESTIONNAIRE

### TO EVERY ARCHITECT IN THE UNITED STATES AND ITS POSSESSIONS:

The Architects' Roster is maintained by The American Institute of Architects as a service to the profession as a whole and to agencies of the United States Government. Every registered architect, whether or not a member of The Institute, is eligible for inclusion in the Roster. The Institute maintains custody of the Roster, keeps it up to date and in good order for use. The Roster is available to any representative of the Government and to representatives of foreign governments in Washington. Reference may be made to The Architects' Roster in negotiations with government agencies and other interested parties. Experience with the Roster since its establishment in 1946 has shown its usefulness. Growing out of an earlier Register of architects qualified for public works, The Roster provides at The Octagon an accurate, current record of the qualifications and achievements of members of the profession. It allows a positive and helpful response to requests for factual information on architects, and in that way constitutes a service to the profession.

The American Institute of Architects assumes no responsibility for the accuracy of statements made in this Questionnaire. The obligation to maintain this record as a current description of an architectural firm rests with the firm, and supplementary record forms are available for this purpose.

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### PARTNERSHIPS SHOULD MAKE A JOINT RETURN ONLY.

Original and one copy to be mailed to THE ARCHITECTS' ROSTER, The American Institute of Architects, 1735 New York Avenue, N. W., Washington 6, D. C. One copy to be retained by the author.

- 1 a FIRM** (Indicate whether individual, partnership or corporation.)  
Anderson-Nichols & Company (Concord Office)
- b FORMER FIRM**, Name if any Lyford & Magenau
- 2 STREET ADDRESS** Eastman St. Phone 2595, 2596
- 3 YEAR ESTABLISHED** 1951

#### 4 PERSONAL HISTORIES OF PRINCIPALS

Furnish data complete, but keep to essentials. Describe each member of firm individually; if more than four, append extra sheets.

Stewart A. Lyford  
NAME OF PRINCIPAL

Eugene F. Magenau  
NAME OF PRINCIPAL

a Date of Birth 12 April 1903

15 November 1908

b Place of Birth Concord, N. H.

Gomez Palacio, Dgo., Mexico

c Education Concord High School

Concord High School

Univ. of N. H. '26-'28 incl.

Dartmouth College A.B. 1930

Yale Graduate School of

M.I.T. School of Arch. '30-'33 Incl.

Architecture, B.F.A. '31

Tufts College ESMWT Course in

Structural Design '42-'43

d Experience Prior to Own Practice

(Give architect or architectural firm affiliations, positions held, and approximate dates of employment.)

'31-'33 Draftsman with N. H. State Highway Dept.

'33-'35 employed by various N. H. State Depts. as draftsman, engineer.

'42-'45 Project Coordinator with Chas. T. Main, Inc. Boston, Mass.

'42-'43 Architectural engineer with Chas. T. Main, Inc., Boston

'43-'44 Project Engineer with Hermendorf Fixture Mfg. Co., Manchester, N. H.

'35-'51 Partner in Lyford & Magenau, Architects & Engineers, Concord, N.H.

e Commenced Practice 1933

1935

f Number of Years a Principal 15 (prior '51)

13 (prior '51)

g Architectural Licenses (Give State, Number and Year issued.)

Massachusetts #370-1941

New Hampshire # 10-1948

New Hampshire # 11-1948

Maine #126-1948

Vermont # 18-1951

h Membership in Professional Societies and Offices Held

N. H. Chapter, A.I.A. Secretary

N. H. Chapter, A.I.A. Treasurer and President

N.E. Regional Council, A.I.A. Secretary-Treasurer

i Service in World Wars I and II (Append data if desired.)

See (d) above

See (d) above

j Civic Activities

Rotary Club '36-'42

Member Concord Zoning Board '38-'42

Rotary Club '36-'51

Chairman Architects' Group

Concord Housing Com., 1946

Chairman, Concord Building Code

Board of Appeals, '48 to date.

**5 REMARKS CONCERNING QUALIFICATIONS OF FIRM**

(This space is best used to present qualifying information such as number of employees, amount of office space, financial information and other information presumed of interest to a prospective client. Append extra sheet or use back of this form, if necessary.)

Staff consists of Manager, Assistant Manager, Chief Draftsman,  
4 Department heads and the following:

Architectural designers....4	Draftsmen .....	1	
Structural designers.....7	" .....	8	
Mechanical designers.....5	" .....	6	
Electrical designers.....5	" .....	6	
Blueprinting.....2	Stenographic...3	Total...54	

Office Space 3500 sq. ft.  
See attached brochure "So You're Considering a New Building"  
for additional information.

Anderson-Nichols & Co. headquarters is located at 53 State St.  
Boston (150 Causeway St. after May 1, 1953). Mr. Wm. F. Dewey is  
the Partner in charge of the Architectural and Engineering Division,  
which has a large staff in Boston, in addition to the above staff  
located in Concord.

**6 CONSULTANTS USUALLY EMPLOYED: (If a member of your staff, so state.)**

**a STRUCTURAL ENGINEERS**

Name of Firm or Individual..... John Minnich (Staff member)

Business Address..... Thayer School, Dartmouth College, Hanover, N. H.

**b HEATING AND VENTILATING ENGINEERS**

Name of Firm or Individual.....

Business Address.....

**c ELECTRICAL ENGINEERS**

Name of Firm or Individual.....

Business Address.....

**d PLUMBING OR SANITARY ENGINEERS**

Name of Firm or Individual.....

Business Address.....

**e LANDSCAPE ARCHITECTS**

Name of Firm or Individual.....

Business Address.....

**f OTHER (Civil, Foundation or Mechanical Engineers, Appraiser, Equipment Designers, Valuators, Industrial Lay-out Engineers, etc.)**

Thompson & Lichtner, Boston, on special foundations.

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**7 REPRESENTATIVE WORK FOR WHICH YOU WERE OR ARE ARCHITECTS; OR WERE OR ARE ASSOCIATED WITH OTHERS:** (In left margin, mark \*—U. S. Government projects, \*\*—projects not yet complete.)

Name and type of project	Location	Date	Cost	Indicate whether as Architect or Associate Architect
** Mfg. Plant (Classified Info)	New England	'51-'52	\$25,000,000	Architect-Engineer
** Office Bldg., Boiler Plant Barracks, Warehouse, etc. "Classified"	"Classified" (Security)	'52-'53	\$30,000,000	Architect-Engineer with Reisner & Urbahn, New York
** Off-Street Parking Lots	Concord, N.H.	'53	\$200,000	Architect-Engineer
Proctor Academy Prep School (Additions)	Andover, N.H.	'53	\$45,000	Architect-Engineer
Concord Natural Gas Corp. (Store Front)	Concord, N.H.	'52	\$11,000	Architect-Engineer
Unitarian Church Chancel Renovation	Concord, N.H.	'52	\$15,000	Architect-Engineer
Bridgeport Hydraulic Co.	Bridgeport, Conn.	'52	\$45,000	Engineer (Electrical)

The following jobs were done by Lyford & Magenau before merging with Anderson-Nichols & Company:

Huggins Hosp. Additions and Alterations	Wolfeboro, N.H.	'50	\$500,000	Architect
Laconia Hosp. Additions and Alterations	Laconia, N.H.	'49	\$366,000	Architect
Nurses Home	Glenduff, N.H.	'51	\$180,000	Architect
Elem. Schools (2)	Concord, N.H.	'41 and '47	\$177,000	Architect
Towle High School Gymnasium and Alterations	Newport, N.H.	'48	\$150,000	Architect
Eagle Hotel Modernization	Concord, N.H.	'46-'47	\$350,000	Architect

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**8 PHOTOGRAPHS/PHOTOSTATS**

Not mandatory. Submit herewith photographs or photostats (size 8" x 10") of several buildings for which you have been the Architect, as follows: (N.C.A.R.B. presentation acceptable.)

See Brochure "So You're Considering a New Building."

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**9 COLLABORATION WITH OTHER ARCHITECTS:**

**a** As an established individual firm, are you willing to collaborate with other firms or individuals?

Yes

.....

**b** Are you and/or your firm agreeable to accepting supervision of work where designs are produced by others—or vice versa?

Yes

.....

**c** List firms (or individuals) with which you are associated at present or have an associate or working agreement: (Please furnish a letter from the other party verifying the association.)

Anderson-Nichols & Co. began in 1922 as a firm of consulting engineers. There are now 11 partners, each handling certain phases of a "Co-ordinated Technical Service" as follows:

<u>E. R. Anderson, Senior Partner</u>	<u>W. F. Dewey, Architecture &amp; Eng.</u>
<u>A. N. Bennett, General Partner</u>	<u>R. L. Williams, Research &amp; Develop.</u>
<u>C. W. Johnson, Machine Design</u>	<u>G. L. Hurst, Contract-Officer</u>
<u>M. T. Kinne &amp; )</u>	<u>F. F. Ladd, Procurement</u>
<u>G. H. Howkins ) Prod. Engineering</u>	<u>E. S. Taliaferro, Foreign Div.</u>
<u>K. W. Galencia, Pub. Relations</u>	

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**10 THIS QUESTIONNAIRE MAY BE MADE AVAILABLE TO GOVERNMENTAL AGENCIES**

yes

no

The undersigned hereby certify that the above is a true statement of facts.

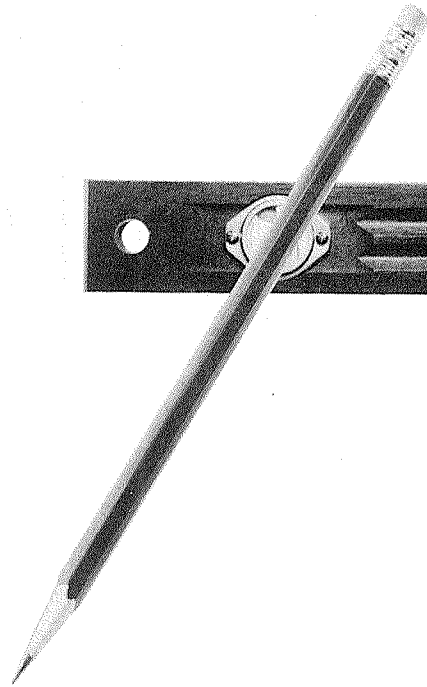
Name of Firm or Individual Anderson-Nichols & Company

Signed by all Principals: William F. Dewey - Supervising Partner  
Senior Partner  
Partner in charge of A-E Div.

Stewart A. Lyford  
Manager, Concord Office

Eugene J. Magenan  
Ass't Mgr., Concord Office

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**SO YOU'RE CONSIDERING**

**A NEW BUILDING . . .**



**SO YOU'RE CONSIDERING A NEW BUILDING...**

**ANDERSON NICHOLS & COMPANY**

*Architectural & Engineering Division*

BOSTON

NEW YORK

CONCORD, N. H.

*Regardless of its type and size, your new building will have three things in common with virtually all new structures.*

*It will be designed but once.*

*It will be erected for some specific purpose — of profit, service or public welfare.*

*How efficiently it fulfills that purpose will be determined by the professional skill, foresight and vision put into its planning.*

*Naturally, the immediate function and requirements of any new building are of first importance. But lasting as well as initial soundness can be engineered into its design.*



## in the planning stages



YOUR NEW BUILDING will be a complex of many objectives and problems. Some, of course, will be more or less routine. Others of a technical nature may be very involved and call for a high order of design experience and original thinking.

For example, are the needs and services of the building likely to be static? Or should provision be made for an economical expansion of its facilities later on? How much latitude is there in the matter of the building's architectural style and cost? To what extent must the utilities of the building be self-contained? What will be the most efficient layout of the building's operations and facilities?

Even elementary questions such as these require forward-looking answers. And the solution of *all* the technical problems involved — in the form of a sound design for the building — calls for a variety of professional services. Over the years, such services seem to have developed into two broad types. One of these can best be described as *Collaborative*. Here, separate independent firms of one or more architects, engineers and often contractors cooperate in working out the design for a new structure.

The other type consists of one inclusive, *Integrated* service by a single organization. Anderson-Nichols & Company is one of a relatively few larger professional firms providing this second type of building design service.

### **INTEGRATED architectural and engineering services**

In personnel, our Architectural & Engineering Division includes architects and engineers in every field having any bearing whatever on the design of a new building — whether industrial, commercial, institutional or municipal. All the usual types of engineering specialists are represented and always available — civil, mechanical, electrical, heating, ventilating, construction, production, sanitation, and many that are less common.

You'll be interested, we think, in some of the more obvious advantages offered by this Division of Anderson-Nichols & Company. Foremost among them is the *scope* of its building design experience and services . . . starting, well ahead of any actual designing, with the very first con-



siderations of the need for a new building . . . continuing through the planning and specification stages . . . through administration or supervision of the construction . . . to delivery of the finished structure by the builder.

At all times, there is but *one* design responsibility and authority. The direction of any necessary field studies . . . of all design facilities and activities . . . of all construction and other controls . . . are *centralized* in one organization. The approach to every building design project is an organization approach, and each phase of it receives the benefit of specialized experience and group thinking.

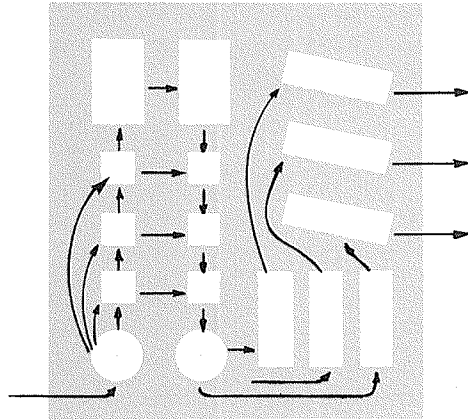
## **ACCENT on coordination**

There is constant and close coordination of all planning and design activities. All staff members concerned with the work are informed promptly of any new developments, revisions of detail or other changes made necessary for any reason. The lack of such coordination can, and often does, result in costly mistakes of engineering — *permanently* built into a structure.

The facilities of the Division are highly flexible, and can be adapted easily and smoothly to the particular needs of any assignment, however large or complex. Naturally, the Division draws on the best of past experience and present practice. In addition, it is continually investigating new building materials, new construction and installation methods, new space utilization techniques.

Moreover, all services of the Division are at the professional level. Sound architectural engineering, alone, governs its planning and specifications. And VISION is a required component drawn into the working plans for every building which it designs.





## THE DIVISION IS STRONGLY function-minded

THE ARCHITECTURAL STYLE of a new building may or may not be of major importance. But the efficiency of the building *in use* always is important, in terms of the comfort and productivity of its occupants . . . its operating and maintenance costs . . . and the credit it will reflect on those who commissioned and approved it.

The basic aim of our Architectural & Engineering Division is a most practical one — to assure for a new building a *maximum of utility per dollar of investment*. The Division's thinking and study, its entire resources of design experience, its familiarity with the material and equipment markets, are all focused on that objective. The Division believes that the intended uses of a new structure should not merely influence but actually dictate its design.

The services of the Division should, and usually do, begin with the earliest discussions of the client's need for greater operational *capacity* — whether for profit or service. This need may call for an entirely new building or, perhaps, two buildings would be more economical than

one in the long run. Or the new capacity might be provided by an addition to a present building. Or by the redesigning of an existing structure.

### PRELIMINARY studies and reports

In any case, an initial interview with representatives of the Division will reveal quickly their *function-minded* approach to your situation. Also, it will show the types of study and planning that should precede any actual designing operations. Such services vary greatly, of course, in scope and cost.

A minimum of preliminary work might be necessary in the case of a new "down town" bank or office building to occupy a restricted plot of land already selected. At the other extreme, a great deal of preliminary information, data and analysis would be needed in the case of a large industrial development, a large public school and athletic

plant, a group of institutional buildings, for which several possible sites are available.

Regardless of the size of project, the Division is prepared to make as exhaustive preliminary studies as circumstances and the best interests of the client may require. Problems considered in such studies can range all the way from land development and water tables to labor situations and utility rate structures. Findings and recommendations are submitted to the client — in as detailed a report as may be desired.

## DESIGNING from the inside out

There is always the question as to whether the design of a building should predetermine its interior layout, or whether the most efficient layout of its facilities should determine its design. Anderson-Nichols & Company has weighed both approaches carefully and holds very strongly to the latter. Three factors, however, can necessitate the first approach — 1) a dictated architectural style for the building; 2) a restricted plot of land; 3) a design based on the use of standardized units of construction.

Of these, the first two are often unavoidable. But Anderson-Nichols makes every effort to avoid the third. The Division believes that there is little or no gain for the client, through standardized design and construction, IF — as is so often the case — it enforces a cramped or oversize layout of the building whose inefficiency must be paid for year after year.

On the other hand, a careful functional analysis of the new building and its intended uses — made by production engineers or other specialists, depending on the type of the project — will disclose *the one most efficient layout* for

its operations. With this, and *only* with this layout, can a thoroughly sound design for the building be developed — from the inside out.

With such a design, working drawings and authentic outward renderings of a structure that is *inwardly correct* can then be prepared for approval . . . for the writing of specifications . . . the preparation of contracts . . . and the actual scheduling of construction.

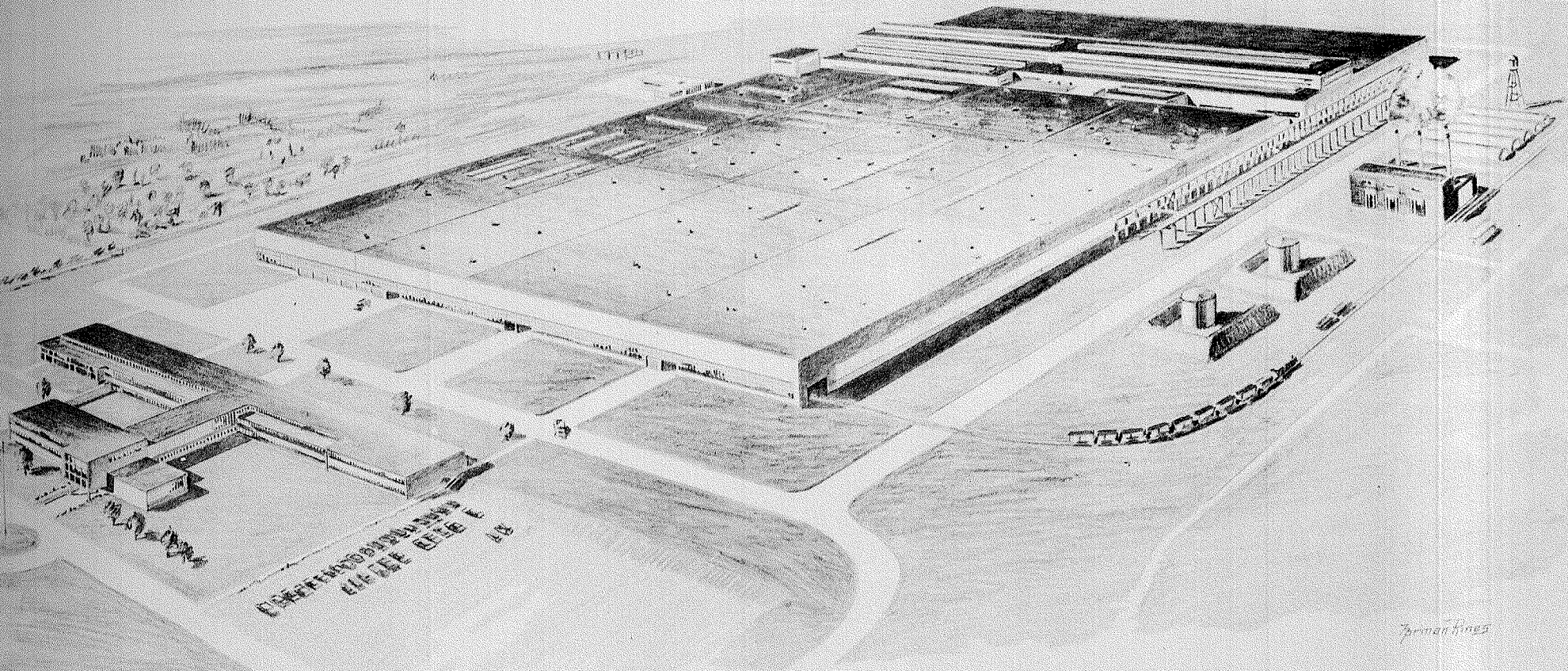
If desired, the Division will follow 'through on the construction of the building in a supervisory capacity and is prepared to make recommendations for its furnishings and other operating facilities.

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*The typical examples of projects, illustrated on the following pages, give some indication of the wide range of architectural styles, sizes and types of buildings which have been handled by the Architectural & Engineering Division.*



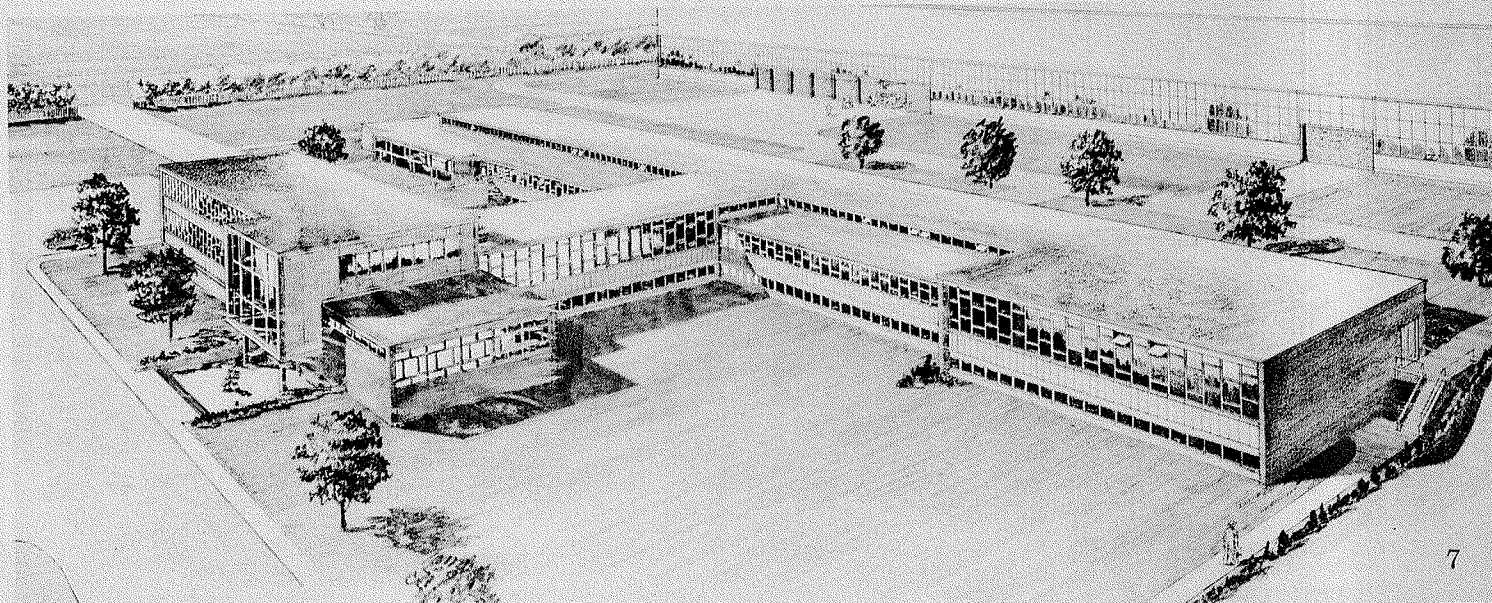
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*Formal times*

## WYMAN-GORDON CO.

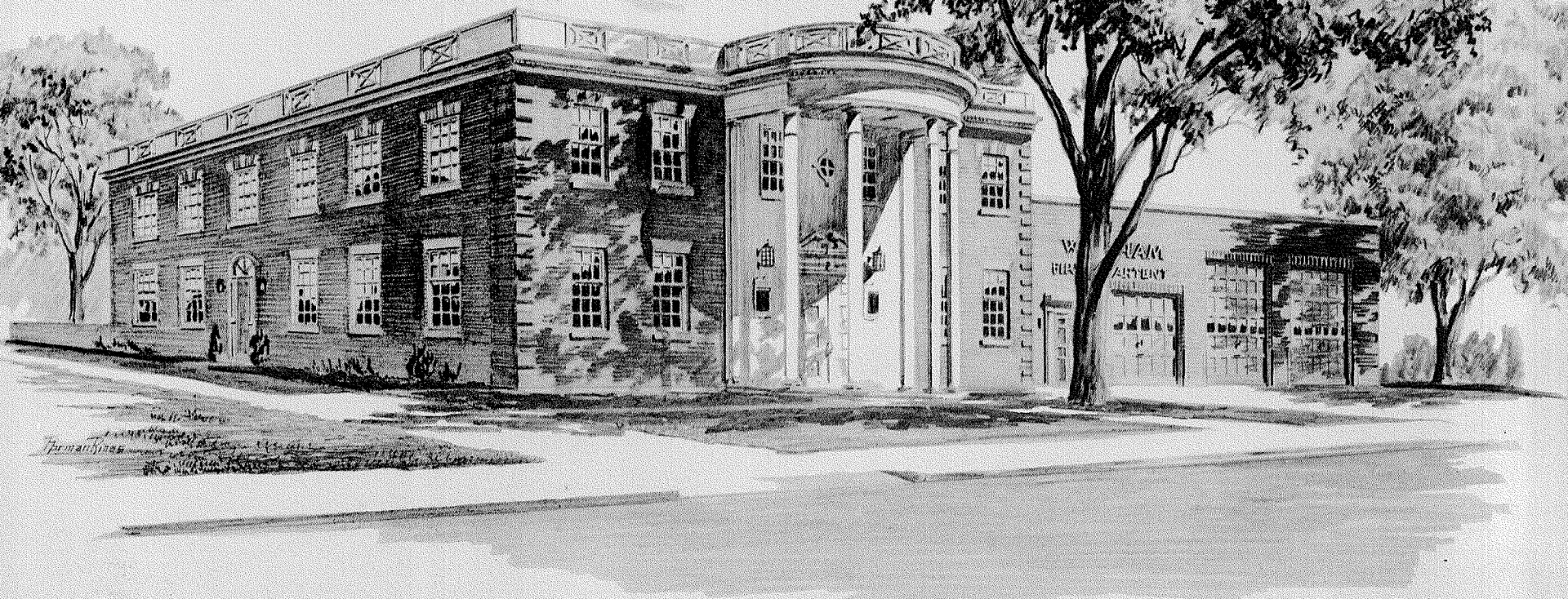
The largest of light alloy forging plants . . . a complete manufacturing facility; including die and machine shops, laboratory, power plant, office building — integrated to provide the most modern of industrial techniques.





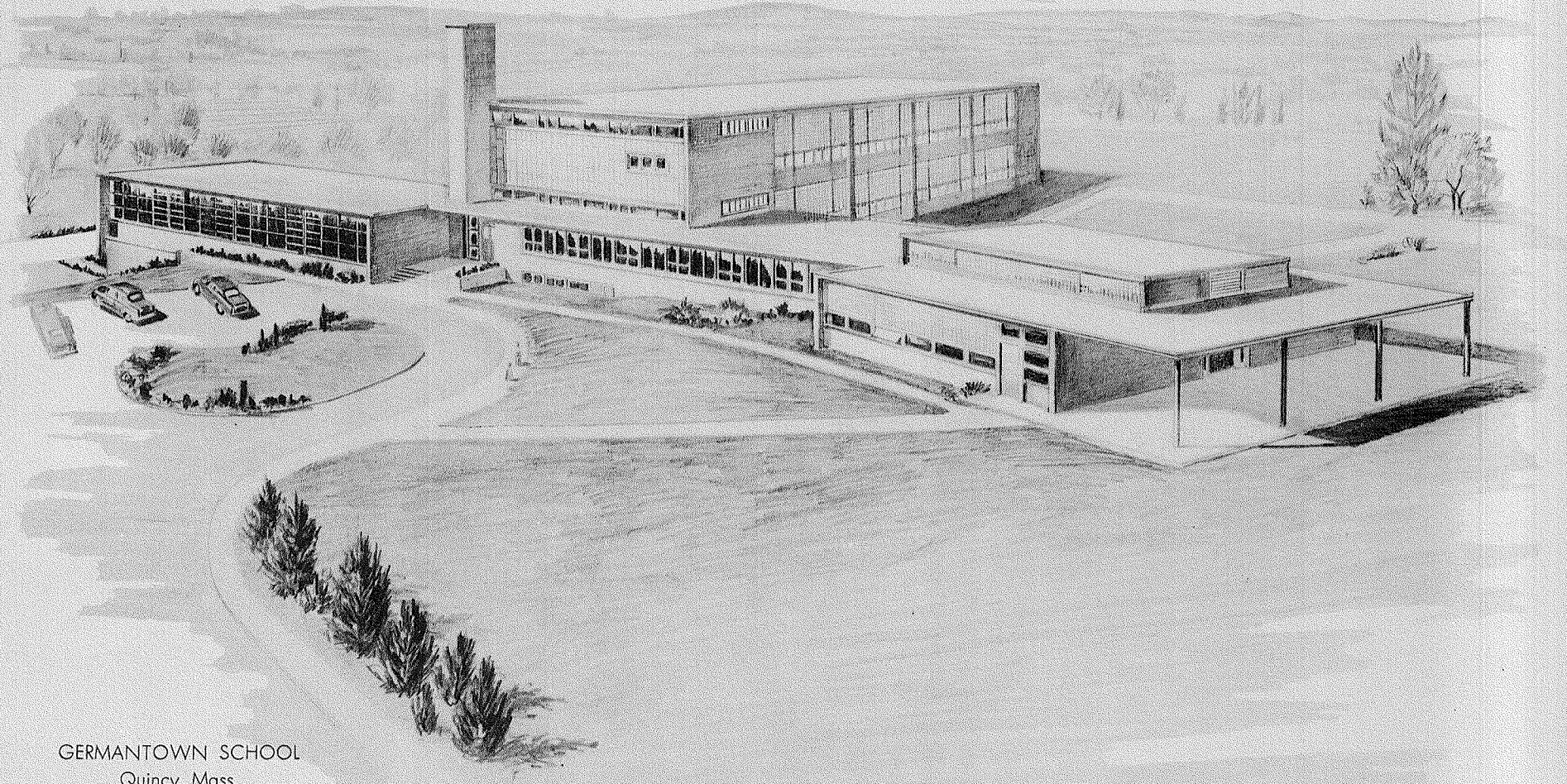
TOWN HOUSE  
Wrentham, Mass.

Incorporating complete City Departments — administration — fire — police — in one unit resulting in low initial cost and low operating costs.





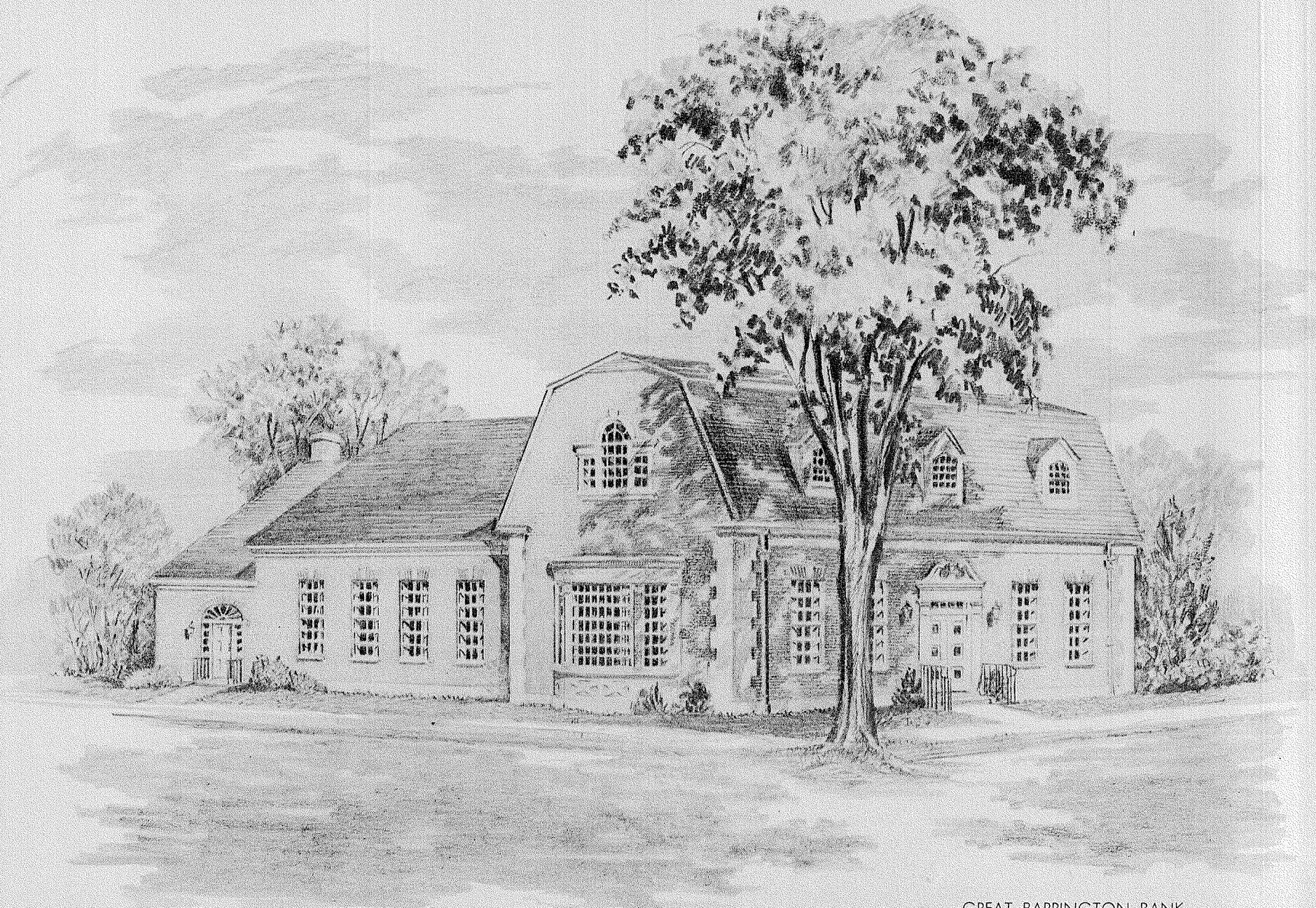
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GERMANTOWN SCHOOL  
Quincy, Mass.

Embodying economy of construction, maximum natural lighting and scaled to elementary age groups.





### GREAT BARRINGTON BANK

Presents a neighborly atmosphere and an exterior harmonizing with surrounding buildings together with the most modern functional layout for working conditions.



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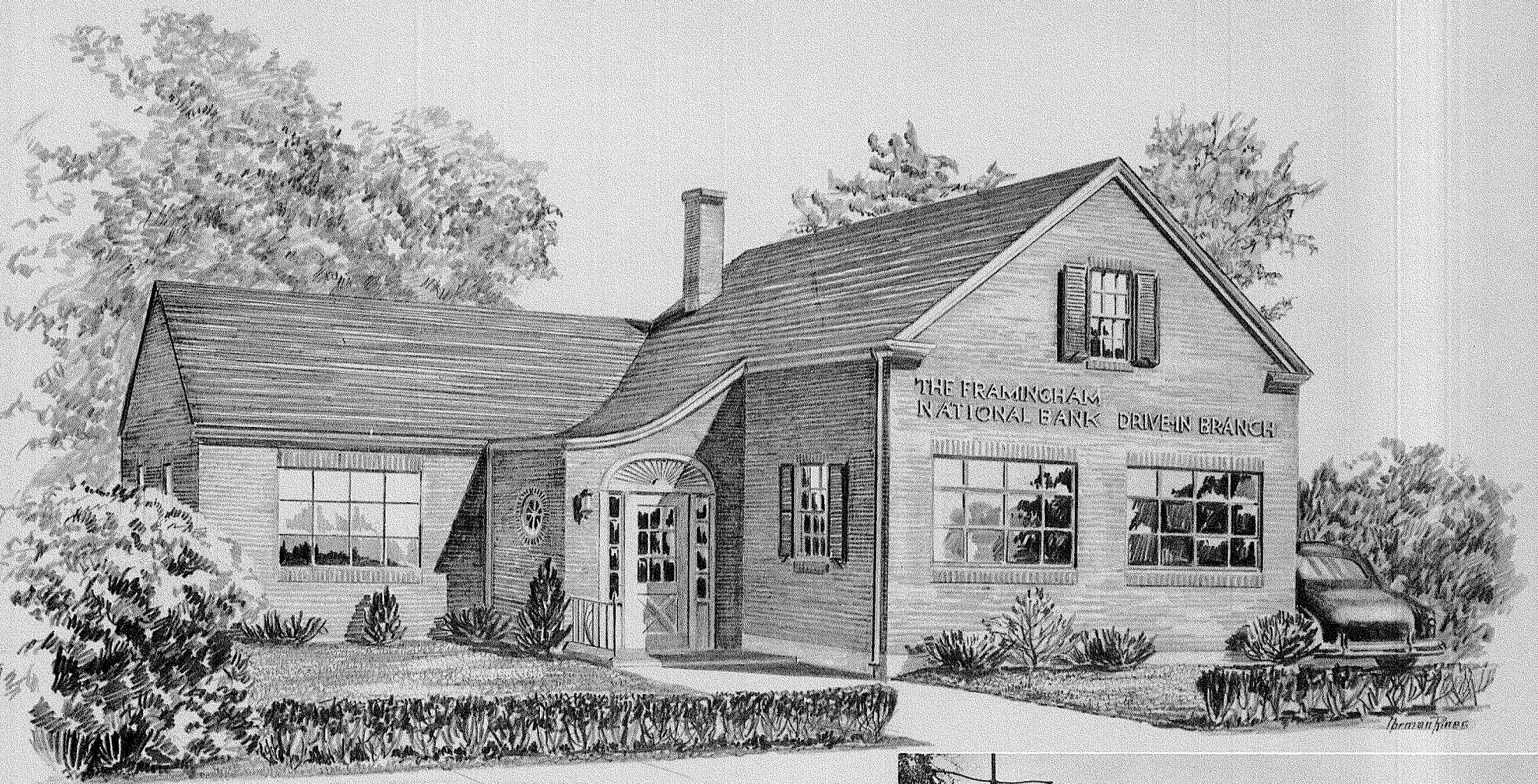


### ROXBURY CARPET CO.

Features daylight offices and central "traffic control" entrance. The sample room displays the products in natural fashion under normal daylight and varying artificial lighting conditions.



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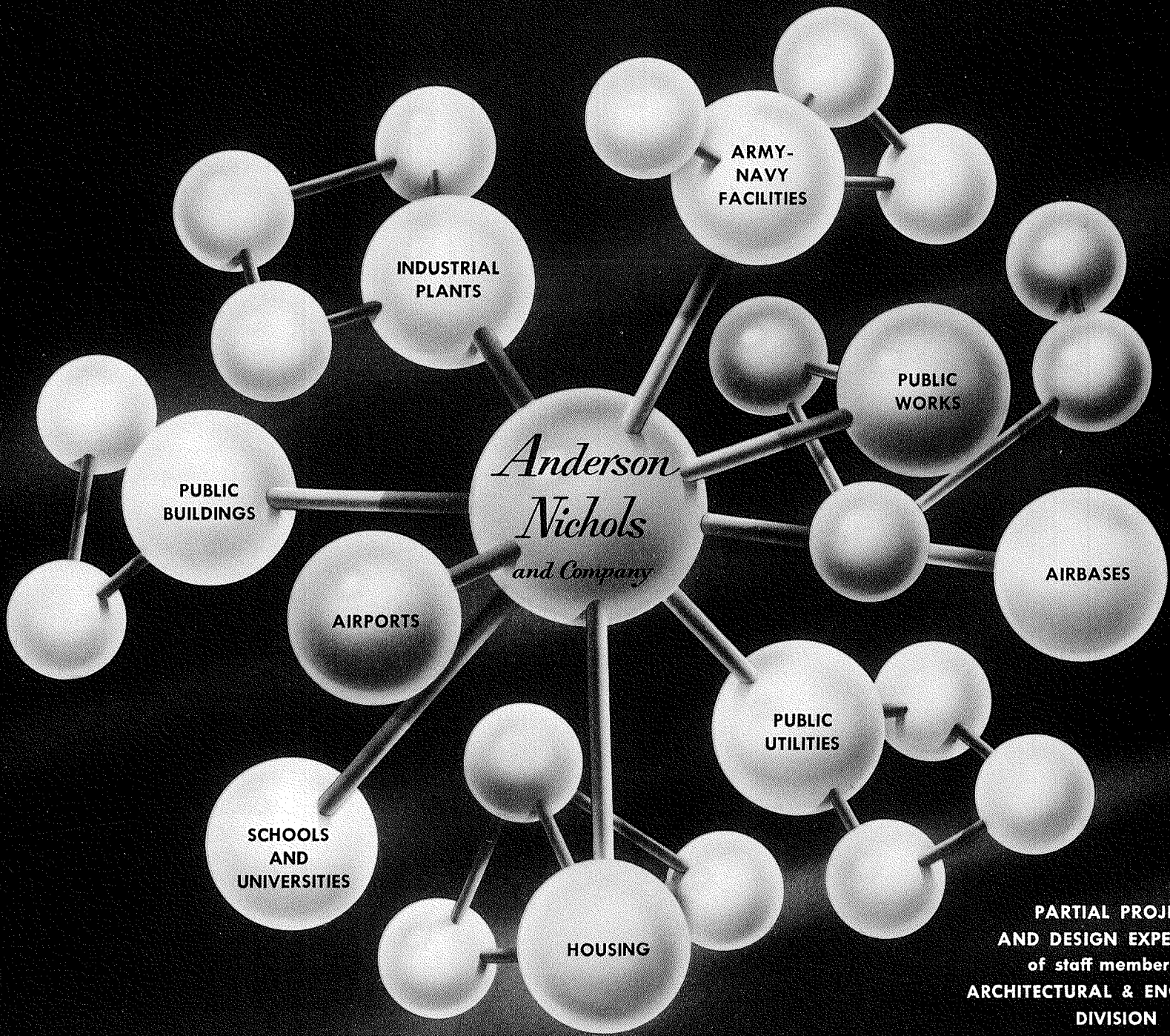


DRIVE-IN BRANCH BANK  
Remodeled from Gasoline Service Station.





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**PARTIAL PROJECT  
AND DESIGN EXPERIENCE  
of staff members of  
ARCHITECTURAL & ENGINEERING  
DIVISION**



*The following list is indicative of the types of projects in which the skills and talents of various members of our present staff have been involved.*

### **industrial plants**

Rubber plant — dust recovery  
Textile plant — solvent recovery  
Cutlery plant — silver dust recovery  
Paper mill — power plant  
Detergent plant  
Abrasive plant  
Oil refineries  
Alcohol refinery — process equipment  
Soap process plants  
Fatty acid distillation  
Sodium plant — equipment & piping  
Catalytic cracker piping  
Butadiene plants — piping  
Pipe stress analysis  
Waste disposal  
Oxygen plants  
Acetylene plants  
Warehousing  
Garages  
Auto accessories plant  
Lighting fixture plant  
Industrial office buildings  
Chemical mfg. building  
Mine — power & hoisting  
Rate studies  
Grain mills  
Materials handling  
Equipment electrification  
Pumping stations  
Paper box plant — electrical equipment  
Shipyard  
Dam & reservoir  
Jet test cells  
Oil refinery research lab  
Film mfg. research lab  
Transformer test building  
Bulk fuel storage  
Brass cartridge plant  
Wind tunnel  
Machine shop  
Paint factory

Milk depot  
Furniture factory  
Rubber plant  
Rubber research lab  
Acetate plant  
Photo lab  
Wire & cable plant  
Carbon brush mfg.  
Brick mfg.  
Electrical instrument mfg.  
Soap mfg. — power plant  
Paper converter — mfg. plant  
Steel distribution warehouse  
Machine tool mfg. plant  
Forge plant — including office bldg.,  
power plant

### **schools and universities**

Dormitories  
Recreation buildings  
University libraries  
Grade schools  
High schools  
University buildings

### **public utilities**

Power distribution  
Telephone distribution  
Gas distribution  
Diesel power plants  
Municipal water works  
Municipal sewage systems  
Rehabilitation of piers  
Engine house  
Rate studies  
Steam power plants  
Reservoirs & dams  
Hydroelectric power plant.

### **airbases and airports**

Economic surveys  
Cost analyses  
Site analyses  
Hydrographic surveys  
Site layout  
Runways  
Soil tests  
Topography  
Drainage  
Roads  
Sewage  
Hangars  
Barracks  
Power plants  
Heating plants  
Power distribution  
Fortifications  
Warehouses  
Substations  
Lighting  
Fueling

### **army-navy facilities**

Substations  
Cranes & derricks  
Dry docks  
Piers  
Boiler plants  
Ordnance works — waste disposal  
Railroads  
Roads  
Bunkers  
Military training models  
AEC  
Dams  
Power plants  
Water works  
Fortifications

Flood control  
Ordnance depot power plants  
Army barracks  
Hydraulic power plants  
Hospital  
Warehouses  
Repair shops  
Administration buildings  
Marine power plants  
Ordnance works — mfg. areas  
Fuel storage  
Power distribution  
Rate studies

### **public buildings**

Office buildings  
Hospitals  
Department store additions  
Shopping center  
Laundry  
Library  
Hotel  
Churches  
Municipal (combination of services)  
Banks

### **public works**

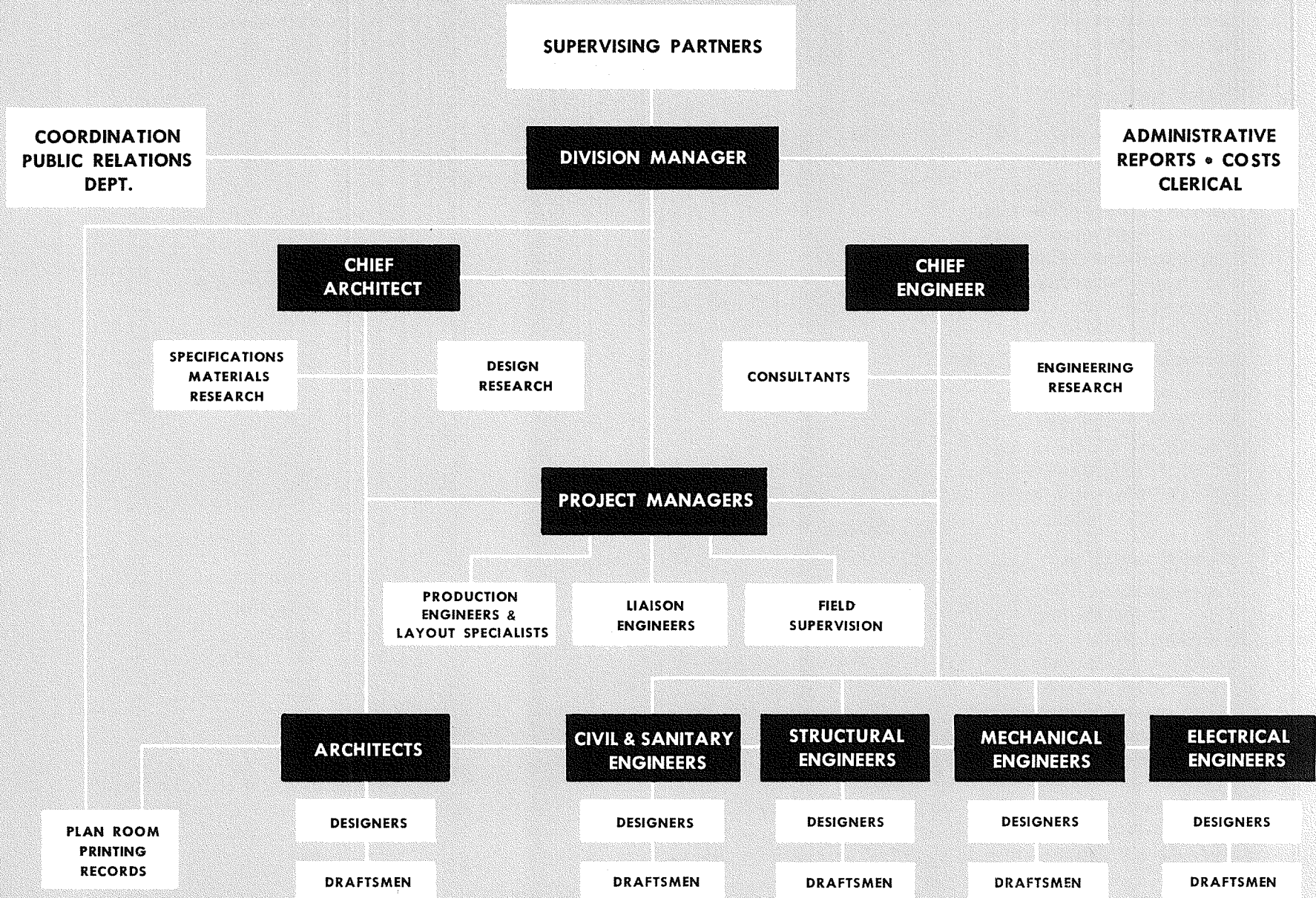
Highway bridges  
Aerial tramway  
Suspension bridges  
City planning

### **housing**

Residential project single units  
Residential project multiple units  
Economic study of building methods  
Prefabricated housing  
Apartments



# FUNCTIONAL ORGANIZATION of the ARCHITECTURAL & ENGINEERING DIVISION



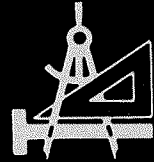
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*The organization of Anderson-Nichols & Company began in 1922 as a small firm of consulting engineers.*

*Its success and growth since then can be attributed mainly to its steady diversification of experience . . . to the types and caliber of men attracted to the firm . . . to the recognized value of its professional services. In recent years, new architectural or engineering assignments from previous satisfied clients have accounted for an ever-increasing percentage of the company's business.*





ANDERSON-NICHOLS  
*& Company*

ARCHITECTURAL & ENGINEERING DIVISION

BOSTON • NEW YORK • CONCORD, N.H.