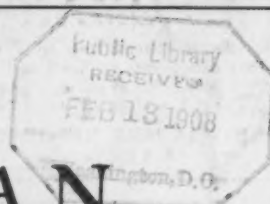


Furnished by
Henry Pastor
Memorial Fund.



The AMERICAN ARCHITECT AND BUILDING NEWS

Regular Edition

Vol. XCIII.

FEBRUARY 12, 1908.

No. 1677

THE TWENTY-THIRD ANNUAL EXHIBITION OF THE ARCHITECTURAL LEAGUE OF NEW YORK.....	51
THE GOVERNMENT WORK IN THE IDENTIFICATION OF THE LESSER KNOWN WOOD	57
EDITORIAL COMMENT	58

The Growing Appreciation of Art as Applied to Architecture and
the Civic Centers—The Collaborated Competition Recently Con-
ducted by the Architectural League of New York—The Twenty-
third annual Exhibition of the Architectural League of New York.

ILLUSTRATIONS:

The Twenty-third Annual Exhibition of the Architectural League
of New York: Eight Plates and Text, Cuts.

Additional:

The Twenty-third Annual Exhibition of the Architectural League
of New York—City Investing Building, New York, N. Y.: Four
Plates.

FLATIRON BUILDING

NEW YORK

ROMAN STONE

A manufactured but NOT an IMITATION STONE. Each stone being finished and tooled after casting gives the material the *exact* appearance of natural stone. See full page Ad. in this paper of July 30th.

THE STANDARD BUILDING CONSTRUCTION CO.,
828 Fulton Bldg., Pittsburgh, Pa.

Established 1830

THE ROBERT C. FISHER COMPANY
Successors to FISHER & BIRD

MARBLE, MOSAICS and TILING

139th-140th Sts.—Locust Ave. and East River, New York

EDISON PORTLAND CEMENT

85% Thru 200

98% Thru 100

The Finest Ground Portland Cement Manufactured

ESPECIALLY USEFUL IN FINE FACINGS AND ORNAMENTAL
WORK ON ACCOUNT OF FINER GRINDING

"It is generally accepted that the coarser particles in cement are practically inert, and it is only the extremely fine powder that possesses adhesive or cementing qualities. The more finely cement is pulverized, all other conditions being the same, the more sand it will carry and produce a mortar of a given strength."

Report of Committee on Uniform Tests of Cement

Sales Offices—New York: St. James Building. Philadelphia: Arcade Building. Pittsburgh: Machesney Building. Boston: Post-Office Sq. Building. Newark: Union Building. Savannah: National Bank Building.

The Value of a good Tin "Merchant's Old Method"
Roof cannot be overestimated.

Is a Reliable and Dependable ROOFING TIN

Why encourage CHEAPNESS in the roof more than other parts of a building? The roof is just as important as the foundation and should last as long.

"Reg. U. S."



Write to us for facts.

MERCHANT & EVANS CO.

Successor to

MERCHANT & CO., Inc.
PHILADELPHIA

New York

Brooklyn

Baltimore

Chicago

Kansas City

Denver

Alphabetical List of Advertisers

A	Dixon Crucible Co., Jos.	14	L	Sandusky Portland Cement Co.	28
Alsen Cement	Dahlquist Mfg. Co.	24	Leader Iron Works (e.o.w.)	Schreiber & Sons Co., The	24
American School of Correspondence			Loomis-Manning Filter Co.	Smith Co., H. B. (e.o.w.)	26
American Luxfer Prism Co.	E		Lowe Bros. Co., The	Society of Beaux-Arts Architects	24
American Mason Safety Tread Co.	Edison Portland Cement Co.	22	Lufkin Rule Co.	Standard Building Construction Co.	2
American Radiator Co. (e.o.w.)	Elevator Supply and Repair Co.	22		Standard Plastic Relief Co.	26
American System of Concrete Reinforcing (e.o.w.)	Expanded Metal and Corrugated Bar Co. (e.o.w.)	10	M	Standard Sanitary Mfg. Co.	26
Art Metal Construction Co.	F		Marquette Cement Mfg. Co.	Stanley Works	22
Artesian Well & Supply Co. (e.o.w.)	Fisher Co., Robert C.	2	Merchant & Evans Co. (e.o.w.)	Staples Valve Co. (e.o.w.)	14
Associated Expanded Metal Co. (o.a.m.)	Pollansbee Bros. (e.o.w.)	22	Monument Pottery Co.		
Atlas Portland Cement Co.	French & Co., Samuel H.	22	Mullins Co., The W. H. (e.o.w.)		
	Frink, I. P.	22	Majestic Foundry Co. (e.o.w.)		
B	G		N	T	
Barber Asphalt Paving Co. (e.o.w.)	Genasco Roofing Co. (e.o.w.)	27	National Fireproofing Co. (e.o.w.)	Taylor, J. W.	24
Bedford Quarries Co., The	Globe Ventilator Co.	27	National Lead Co.	Thorn Co., J. S. (e.o.w.)	22
Berger Mfg. Co.	Gorham Co. (o.a.m.)	21	National Regulator Co.	Thorp Fireproof Door Co. (e.o.w.)	3
Bird, P. A. W.	Grauer, Albert & Co.	5	National Steam Pump Co.	U	
Brown Bros. Mfg. Co. (e.o.w.)	Gurney Heater Mfg. Co.	28	Neuchatel Asphalt Co.	U. S. Mail Chute Equipment Co. (e.o.w.)	10
Bruner, P. M., Granitoid Co.	H		New York Belting & Packing Co. (e.o.w.)	U. S. Mineral Wool Co.	22
Burt Mfg. Co. (e.o.w.)	Hayes, Geo.	22	Northwestern Terra Cotta Co. (e.o.w.)	Universal Portland Cement Co.	28
	Higgins & Co., Chas. M. (e.o.w.)	28	Norwall Mfg. Co. (e.o.w.)	University of Illinois	24
C	Hunt & Co., Robert W.	28	O	University of Michigan	24
Cabot, Samuel, Inc.	Home Show Exhibits, The (e.o.w.)	23	Okonite Co. (Ltd.) (e.o.w.)	University of Pennsylvania	24
Carter White Lead Co. (e.o.w.)	I		P	V	
Campbell, Walter M.	Information Bureau of Tile Industry	5	Peerless Rubber Mfg. Co. (o.a.m.)	Vaile & Young	22
Cardinell-Vincent Co.	International Moulding Co. (e.o.w.)	12	R	Vinson, M. A.	5
Chicago Portland Cement Co.	J		Raymond Concrete Pile Co.	Voigtmann & Co. (o.a.m.)	
Clinton Wire Cloth Co. (o.a.m.)	Jenkins Bros.	14	Rider Ericsson Engine Co.	W	
Contractors' Supply & Equipment Co.	Jones, T. W. (e.o.w.)	27	Royal Ventilator Co. (e.o.w.)	Warren Bros. Co.	11
Corrugated Concrete Pile Co.	K		S	Washington University	24
Cutler Mfg. Co.	Kawner Mfg. Co. (e.o.w.)	27	St. Louis Portland Cement Co.	Winslow Bros. Co., The	25
D	Kelly & Bros., Thos.	27	Samson Cordage Works (e.o.w.)	Winslow Co., E. J.	5
Deane, E. Eldon	Kewanee Water Supply Co.	9		Wirt, F. B.	24
Detroit Show Case Co. (o.a.m.)				Wolf Mfg. Co. (o.a.m.)	24
				Woodbury Granite Co.	27

Radiator Elegance.

The Verona is the most exquisite radiator design ever produced for an art gallery, library, fine hotel, art or jewelry store, vestibule or foyer to an opera house, church or school, for an elaborate residence—any place where fine architectural design calls for corresponding radiator elegance.



American Verona Radiator

AMERICAN & IDEAL
RADIATORS & BOILERS

Plane surface and bas reliefs of the Verona are as smooth and clearly executed as a fine bronze casting—a work of fine art in iron moulding. Made in 38, 32, 26 and 20-inch heights, and for curved, corner and high leg constructions, or, with lugs for marble tops

AMERICAN RADIATOR COMPANY

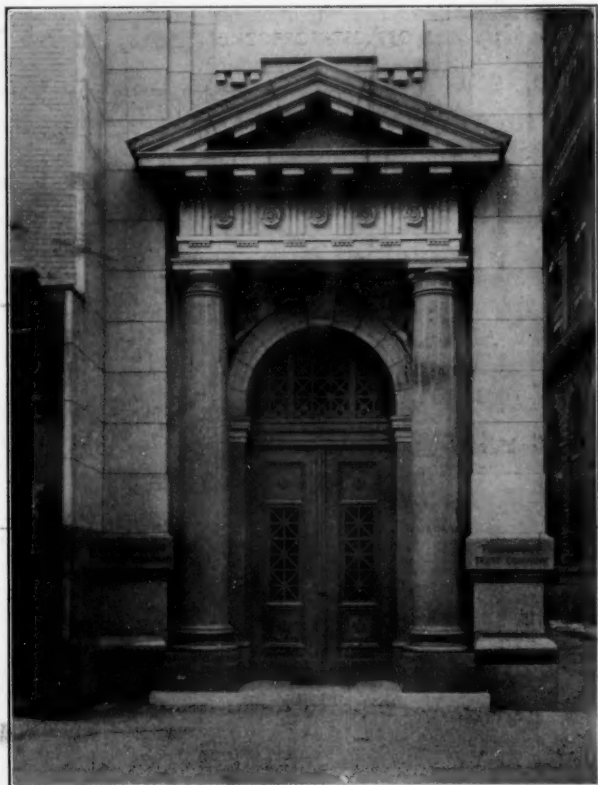
General Offices: 282-286 Michigan Ave., Chicago

NEW YORK
BOSTON
PHILADELPHIA
BALTIMORE
BUFFALO

PITTSBURG
CINCINNATI
CLEVELAND
DETROIT
INDIANAPOLIS

CHICAGO
MILWAUKEE
ST. LOUIS
KANSAS CITY
ATLANTA

MINNEAPOLIS
OMAHA
DENVER
SEATTLE
SAN FRANCISCO



Richardson Fire Proof DOORS

Make Each Room a Separate Building

Richardson Standard Doors are used throughout Office Buildings, Hospitals, Schools, and all fireproof structures for Corridor and Communicating openings.

Recommended by Underwriters' Laboratories.

Cost compares favorably with corresponding class of hardwood doors.

Finished Duplex Plate, Old Copper or Brass, or grained natural finish.

*Photo illustrates Special Detail Copper Entrance,
Tradesmen's Trust Co., Philadelphia*

THORP
Fire Proof Door Company
Minneapolis, Minn.



Rankin & Kellogg
Architects
Philadelphia, Pa.

U. S. FEDERAL BUILDING
Indianapolis, Ind.

Wm. Bradley & Son
Cut Stone Contractors
Bedford, Ind.

Reliability is very essential in the selection of materials for the construction of first-class buildings. The Architect should prepare his specifications so as to make him the arbiter of the materials to be used, as he is responsible for the successful carrying out of his ideas. As the stone is one of the most important materials to be used, extra precaution should be taken to see that only reliable stone furnished by a reliable company is used and to get this protection the Architect should close the specifications to read:—"Old Hoosier Stone from The Hoosier Quarry of The Bedford Quarries Company."

**The price of Old Hoosier does not fluctuate.
Correspondence solicited with Architects.**

THE BEDFORD QUARRIES COMPANY

**204 DEARBORN STREET
CHICAGO, ILL.**

**1 MADISON AVENUE
NEW YORK, N. Y.**

**818 EUCLID AVENUE
CLEVELAND, OHIO**

Les Medailles des Concours d'Architecture

de
L'ECOLE NATIONALE DES BEAUX-ARTS
A PARIS
9TH ANNÉE SCOLAIRE - 1906-1907

■ ■ ■ ■ ■

- ¶ Volume 9 of the "Medailles" has just been received.
- ¶ It contains 147 plates (12" x 16") of fine gelatine prints showing the best drawings of 21 concours of the Beaux-Arts school, including the prize drawings of

Concours Godeboeuf (fonde en 1879).
Concours d'Ornement et d'Ajustement (prix)
and (Rougevin, fonde en 1857).
Grands Prix de Rome, institues en 1667.

*In portfolio, price \$12.00.
Cash with order. Express paid.*

■ ■ ■ ■ ■

M. A. VINSON
IMPORTER—DEALER

Books on Architecture :: Decoration
Illustration :: Gardens

205 Caxton Bldg., CLEVELAND, O.

Hydrolithic System of WATERPROOFING

This is the most perfect and simple method of protecting walls, floors, basements, etc., from moisture that has yet been devised.

Architects and Engineers are specifying this system in the most important buildings erected. Let us send you list of places and further proof of its merit. Write us.



THE BRUNER SYSTEM OF SIDEWALK LIGHTS SET IN REINFORCED CONCRETE

This is the oldest and the best developed system in the market. It excels in strength, in amount of light admitted, in watertight qualities, in durability, and adaptability.

*See Sweet's Index, 1907-8
Vol. 2, Page 1233*

FOR BOOKLET AND PRICES

P. M. Bruner Granitoid Co., 542 Frisco Bldg., St. Louis.
Albert Grauer & Co., 301 Stevens Bldg., Detroit.
H. Chas. Judge Bldg. & Mfg. Co., Los Angeles, San Francisco, San Diego.
L. A. Norris, Alaska Bldg., Seattle, Wash.

Information Bureau of the Tile Industry

DO You Appreciate the Advantages in Using Tiling in Home Building?

Its DURABILITY saves the costs of repairs and replacing. A tiled floor or wall never has to be oiled, varnished, painted or papered. Dirt or liquid matter of any kind will not stain it. The steel nails of the shoe cannot scratch or wear it.

Its SANITARY QUALITIES and the facility with which it can be cleaned gives assurance that the bath-room, kitchen, butler's pantry, laundry, vestibule and other places where it is used will always be in a clean, sanitary condition.

Its DECORATIVE POSSIBILITIES permit the execution in tiling or ceramic mosaic of any possible design or color scheme on the floor or wall.

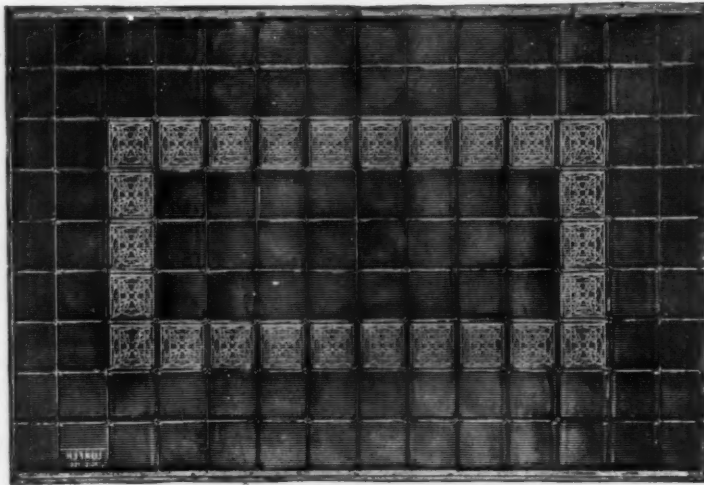
Tiling is fire-proof, germ-proof, water-proof, damp-proof and vermin-proof.

*For interesting booklets on tiling,
distributed free, write*

INFORMATION BUREAU OF THE
TILE INDUSTRY

70 Corcoran Building, Washington, D. C.

DAYLIGHTING



Luxfer 4-in. squares can be effectively combined in border effects to meet any style of architecture.

It is possible to carry out almost any scheme in arrangement of borders, and our standard system of glazing combines with other details to make every **LUXFER** installation tasteful and architecturally harmonious.

Of course, the prime value of **LUXFER** is its **daylighting efficiency**, but the artistic quality is never lacking.

Kindly write us regarding any special use of **LUXFER** contemplated.



How Luxfer 4-in. squares combine in securing highly ornamental structural effects.

All **LUXFER** Products are listed in Sweet's Index, pages 516-521 inclusive.

AMERICAN LUXFER PRISM COMPANY

Heyworth Building, CHICAGO, ILL.

NEW YORK, 160 Fifth Avenue
BOSTON, 49 Federal Street
SAN FRANCISCO, 245 Oak Street
CLEVELAND, 1022 Garfield Building
BALTIMORE, 32 Builders' Exchange

KANSAS CITY, 948 N. Y. Life Building
ST. PAUL, 615 Ryan Building
PHILADELPHIA, 608 Chestnut Street
PITTSBURG, 715 Fulton Building
CINCINNATI, 31 Thoms Building

NEW ORLEANS, 904 Hennen Building
MILWAUKEE, 1112 Railway Exchange
INDIANAPOLIS, 342 E. Washington St.
PORTLAND, Ore., 145 First St.
SEATTLE, Wash., 557 New York Block

ANNOUNCEMENT EXTRAORDINARY

We have for sale one *complete set of*

The American Architect

embracing every issue from the first which appeared in 1876 to date.

¶ These volumes form the most valuable record of the best work of the most successful Architects in America and many abroad, covering the period since the Centennial, which is in existence to-day.

¶ Current comments and the ideas of leading Architects of the time are contained in these volumes.

¶ So far as we know there is not in print in any other shape a compendium of information upon American Architecture which for value and usefulness can be compared with this set of volumes.

¶ It is highly improbable that another set can ever be gotten together. First come, first served.

The American Architect

Flatiron Building, New York

WANTED

A strictly fireproof building—speedy construction, least possible cost. Must enable securing of minimum rate insurance on building and contents.

Read How the Demand was Met:

"The Jolin warehouse, Chicago, was designed by Geo. S. Kingsley, architect. The owner of this building is engaged in the storage of furniture and household goods, and desired a four-story fireproof building that could be rapidly constructed and would secure the minimum rate of insurance on building and contents at the least possible cost.

"With this object in view Mr. Kingsley designed the building with brick walls; reinforced concrete columns, beams, girders and floors. The plans were distributed among the contractors with

the privilege of submitting an alternate bid on any other system of construction that would obtain the results desired by the owner. The National Fire Proofing Company submitted an alternate bid in which they substituted for the reinforced concrete columns, beams, girders and floor slabs, the Johnson Tile Block column, structural steel I-beams encased in tile, and the Johnson System of Long Span floor construction, on top of which was placed a cement finish. This construction met the architect's views, and obtained in every respect the results desired by the owner."

Send us your plans to figure. We will do as well for your building, whether warehouse or any other class, four stories or twenty.

National Fire Proofing Company

Manufacturers of

Terra Cotta Hollow Tile

Contractors for Construction of Fireproof Buildings

The largest firm in the world devoted exclusively to the business of fireproof construction. Capital Twelve and one-half Million Dollars.

PITTSBURG, Fulton Bldg.

NEW YORK, Flatiron Bldg.

BOSTON, Old South Bldg.

CHICAGO, Commercial National Bank Bldg.

WASHINGTON, D. C., Colorado Bldg.

LOS ANGELES, CALIF., Union Trust Bldg.

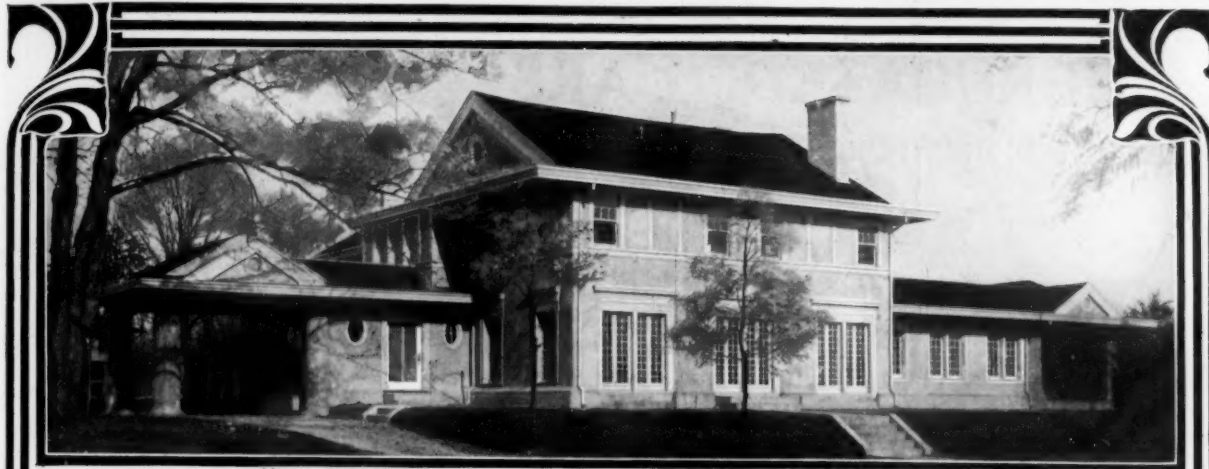
LONDON, ENG., 27 Chancery Lane.

PHILADELPHIA, Land Title Bldg.

MINNEAPOLIS, MINN., Lumber Ex.

ST. LOUIS, MO.

Twenty-six factories throughout the United States.



View of General H. O. Corbin's country residence, Chevy Chase, Md.
Supplied with water by Kewanee System. D. H. Burnham & Co., Archts.

A Water Supply For Country Homes

Among the most important problems which confront the architect, the water supply problem is generally the most puzzling and difficult to solve.

To select the right pumping equipment for each source of supply, the right size of storage tank for the fixtures

to be supplied and the proper accessories to make up a complete plant, requires experience and technical knowledge.

We offer you the benefit of over ten years practical experience and the technical knowledge of trained hydraulic engineers in

The Kewanee System of Water Supply

No charge is made for preliminary specifications and estimates. But, if you install the equipment we recommend, you and your client will be fully protected by our guarantee.

In the Kewanee System, there are no elevated tanks to mar the landscape view, leak, freeze, overflow or collapse. The use of inefficient and dangerous attic tanks are also avoided. Instead, use a Kewanee Pneumatic Tank which may be located in the cellar or buried in the ground and from which the water is delivered to the fixtures by air pressure.

Over 8,000 Kewanee Systems are now furnishing water to country and city homes, clubs, hotels, schools, apartment buildings, public and private institutions and towns.

The above illustration shows one of these buildings, the country home of Gen. H. O. Corbin at Chevy Chase, Md. (D. H. Burnham & Co., Architects). He writes: "The Kewanee System works better than I thought possible. I am showing it to lots of people and all like it very much."

Our complete 64-page illustrated catalog No. 40 explains everything and may be had for the asking.

Kewanee Water Supply Company
Kewanee, Illinois.

32 Broadway, New York City, N. Y.
820 Marquette Bldg., Chicago, Ill.
404 Equitable Bldg., Baltimore, Md.

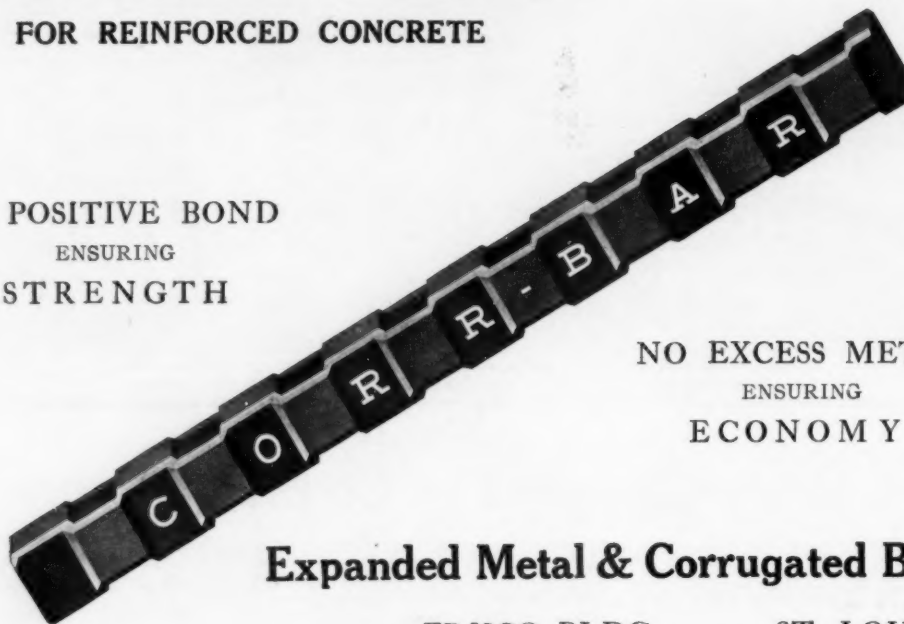


CORRUGATED BARS

FOR REINFORCED CONCRETE

A POSITIVE BOND
ENSURING
STRENGTH

NO EXCESS METAL
ENSURING
ECONOMY

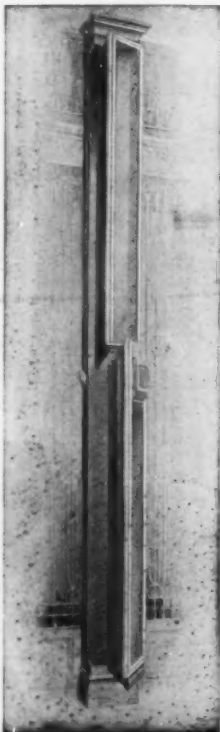


Expanded Metal & Corrugated Bar Co.

FRISCO BLDG., ST. LOUIS

HAVE US TALK PRICES AND DELIVERY WITH YOU.

MODERN! RELIABLE! ACCESSIBLE!



SECURITY Mail Chute

(COPY)

November 30, 1907.

ORDER No. 896.

ORDERED: That, whereas the Security Mail Chute, manufactured by the United States Mail Chute Equipment Company of St. Louis, Missouri, appears to conform to the present requirements, it is declared in accordance with the Act of Congress, approved January 23, 1893, that in all mailing apparatus of this style heretofore installed, or to be installed hereafter, under the regulations of the Department, the chute shall be under the exclusive care and custody of Post Office Department.

(Signed) F. H. HIRCHCOCK,
Acting Postmaster General.

**U. S. MAIL CHUTE
EQUIPMENT CO.**

OFFICE AND
FACTORY:

1315 Chestnut Street

St. Louis



It will pay you to know about

Lowe Brothers "High Standard" Liquid Paint

It's the result of more than thirty-five years of progressive paint-making experience—

Test after test and user after user have *proved* that "High Standard" Liquid Paint "works" best under the brush—has greatest "spreading" and covering capacity—is more elastic with changing weather conditions—

And lasts from two to four years longer than other paints.

It's economy for the Painter—he saves time—

And it's an economy for the house-owner—he saves paint—gets a better painting-job—gets two to four years more paint-wear. All these are things for you to consider in your specifications and recommendations.

There's "High Standard" Paint for every purpose—both interior and exterior work; *Little Blue Flag Varnishes*; *Linduro* the highest grade and latest result in Enamel; *Red Lead Metal Preservative* for structural iron work, etc.



Our free Booklets, "Paint and Painting" and "Metal Preservative Coatings" will interest you. Just write for them.

Consult Sweet's Index, pages 1378 and 1379.

The Lowe Brothers Company
Paintmakers—Varnishmakers

450-452 E. Third St., DAYTON, O.
Chicago New York Kansas City

A Puritan Sanitary Floor

is as essential to the equipment of a modern building, as is the most perfect system of heat, light and ventilation.

¶ Architects have studied the problem of sanitary floors, and studied in vain until the introduction of "Puritan."

¶ It is dependable, non-slippery, free from fibrous and vegetable matter, incombustible, agreeable to the tread, and practically indestructible under any traffic to which it may be subjected.

Puritan Sanitary Floor is laid in the

Deaconesses' Hospital, Boston.

St. Alphonsus Seminary, Esopus, N. Y.

House of the Good Shepherd, Boston.

Wellington School, Cambridge, Mass.

City Hospital, Boston, Mass.

Douglas Hospital, Brockton, Mass.

St. Barnabas Hospital, Portland, Me.

Channing Home, Brookline, Mass.

Amherst College, Amherst, Mass.

High School, Malden, Mass.

Soldiers' Home Hospital, Boston.

Butler Hospital, Providence, R. I.

Harvard Medical School, Boston.

Wentworth Hospital, Dover, N.H.

Salvation Army's "People's Palace," Boston.

Warren Brothers Company
Boston, Massachusetts

The Use of Raymond Concrete Piles

is a guarantee against foundation failure. Under any soil conditions the sheet steel shell which envelops each pile makes deviation from specifications impossible.

Thus the bearing value of a Raymond concrete pile can never become impaired.

Ask for the Raymond Handbook on Concrete Pile Construction. Free on application at any of our offices.

RAYMOND CONCRETE PILE CO.

135 Adams Street, Chicago 140 Cedar Street, New York
1103 Union Bank Bldg., Pittsburgh Arcade Bldg., Philadelphia
OFFICES IN THE PRINCIPAL CITIES.

"OZONE" Window Ventilator

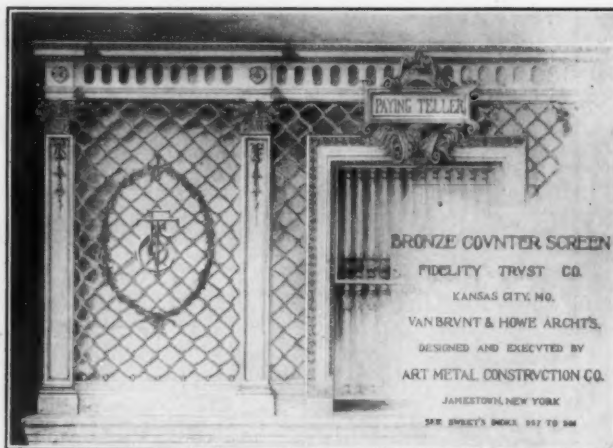
FOR OFFICES, PUBLIC BUILDINGS, HOSPITALS, HOMES, &c.

This is a simple device, embodying all the best features of every window ventilator on the market; so constructed that the cost is one-half of some factory ventilators. The zinc screens filter the dust and are not affected by rain or weather; the wood part is made from selected material with superior workmanship. A small damper can be adjusted to close, partly open, or completely open the ventilator.



From actual photograph of ventilator.

WRITE FOR CATALOG AND PRICES
INTERNATIONAL MOULDING COMPANY
21ST AND MORGAN STREETS, :: CHICAGO



DESCRIPTIVE PRICE LIST OF PUBLICATIONS OF

THE AMERICAN ARCHITECT FLATIRON BUILDING, NEW YORK

The Georgian Period

An Encyclopedia of American Colonial Architecture

Edited by William Rotch Ware.

"A fine, even a monumental, piece of work."—New York Times.

"The most important work on architecture yet produced in America."—The Nation.

"The most interesting of all American publications in the field of architecture."—Review of Reviews.

"A magnificent collection of specimens of Colonial architecture."—Atlanta Journal.

"This work . . . is of extraordinary importance to the architect whose ambition rises above the building of cottages."—Boston Transcript.

"The publication is as interesting to the layman as it must be useful to the architect."—New York Tribune.

"It is a work of superior excellence and great usefulness."—Irish Builder, Dublin.

"Nothing that care can do has been spared to make the drawings useful and thoroughly practical for the use of the decorator and architect."—The Building News, London, England.

"The illustrations are extremely attractive. . . . In short, the pictures here offered us, the objects represented, the reverence and regard shown, may set some of us thinking and wondering, and cannot but help to raise our taste and widen our sympathies."—Architectural Review, London.

The complete edition of The Georgian Period is published in three forms, the

style and price of each of which are: Twelve parts in separate portfolios; if payment is made in instalments, \$60.00; cash with order, \$57.00. Bound in three large volumes; dull surface brown canvas, with leather label, \$63.00; half morocco, \$66.00. 351 plates; 525 text illustrations.

A circular containing reduced sample pages will be sent on request.

A Students' Edition of the Georgian Period

is also sold. It consists of the leading article on Colonial Architecture and 100 of the most useful plates from the complete edition. These are contained in one large portfolio and the price is \$15.00.

Iron Door and Window Grilles

One hundred and four plates, each 10x14 inches. Price, bound in red cloth, gilt tops, \$7.50; in portfolio, \$6.50.

Renaissance Doorways

One hundred and four plates, each 10x14 inches. Price, bound in red cloth, gilt tops, \$7.50; in portfolio, \$6.50.

Cathedral of St. John The Divine

Illustrating the Competitive Designs for the great Protestant Episcopal Cathedral now being erected in New York. Price, bound, \$4.00; in loose sheets, \$2.50.

Ecclesiastical Domes

Bound in red cloth, gilt top. Containing 82 plates, each 10x14 inches. Price, \$5.00.

Pulpits, Fonts and Organ Cases

Bound in red cloth, gilt top. Containing 80 plates, each 10x14 inches. Price, \$5.00.

Seats of the Colonists

Measured drawings and photographs of examples of Colonial furniture. In portfolio, 10x14 inches. Price, \$5.00.

Norman Monuments of Palermo

By Arne Dehl. Illustrated with 50 plates, 13x17 1-2 inches. Price, bound, \$10.00; unbound, \$9.00.

The Library of Congress

20 plates, folio. Price, \$5.00.

Renaissance Fireplaces

Forty gelatine plates, on bond paper, 9x11 inches, in vellum case. Price, \$5.00.

Monumental Staircases

Forty gelatine plates, on bond paper, 9x11 inches, in vellum case. Price, \$5.00.

Publication Office: FLATIRON BUILDING, NEW YORK

BROWN BROS. MFG. CO.

Established 1860



22d Street and Campbell Avenue
CHICAGO



CAST IRON MARQUEE, CHICAGO ATHLETIC ASSOCIATION

Richard E. Schmidt, Garden & Martin, Architects.



Ornamental Iron
AND
Bronze



Protect Yourself by Specifying **CARTER** Strictly Pure White Lead

It is not enough merely to specify "Pure White Lead." You find kegs of so-called white lead with a label like this: "We guarantee the white lead in this package to be perfectly pure," and the maker has forgotten to give his name and address. He has forgotten, also, to put in all white lead—two-thirds or more of the contents is Silica, Barytes, or worse.

Not an ounce of adulteration has ever been put into

CARTER *Strictly Pure* **White Lead**

not an ounce ever will be. The users of Carter Lead have learned that its purity and *extreme whiteness* are not merely features of the label, but of every ounce of the lead itself.

Many of the leading Architects find it pays to specify "CARTER"—*It's their protection.*

If you have a building where the decorations call for soft, bright, clear and durable tints (either interior or exterior) specify "CARTER"—its *extreme whiteness* assures more beautiful effects than can be obtained by the use of any other white lead or paint material.

Send for our beautiful booklet, "Pure Paint," with set of Modern Color Schemes. They may give you a suggestion or two.

CARTER WHITE LEAD CO.
W. P. Station 100 CHICAGO, ILLINOIS
Factories: Chicago—Omaha



A Scientific Insulator

Contains innumerable minute dead-air spaces, giving highest insulating power. Warmer than back-plaster or six layers of rosin paper and costs less than 1c. a foot. Decay, moth and vermin proof and unflammable.

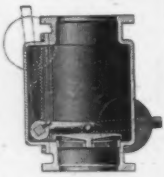


Samuel Cabot, Inc., Boston, Mass.
1133 Broadway, New York 28 Dearborn Ave., Chicago

A Perfect Deafener

Prevents the transmission of sound through walls and floors by absorbing and breaking up the sound-waves. The only deafener that does this. Send for Report of Prof. Norton on Sound-proofing tests for New England Conservatory of Music.

Samples also on request



EXCELSIOR STRAIGHTWAY BACK-PRESSURE VALVE

Has a full, unobstructed passage through it nearly in line with the pipe, and therefore offers no resistance to the free flow of steam. Thoroughly reliable when used as a back pressure valve, it is also adapted for use as a relief or free exhaust valve for condensers. By changing position of outside lever, it will work equally well in a vertical or horizontal position.

JENKINS BROS., New York, Boston, Philadelphia, Chicago, London.

Philosophy of Protective Paint

A practical treatise on the subject of protective paint by a practical paint man.

Write for free copy No. 14 B.

—Joseph Dixon Crucible Co., Jersey City, N. J.—

ASPHALT FLOORS, ROOFS, SIDEWALK and CARRIAGE WAYS

of Public Buildings, Hospitals, Warehouses, Stables, Cellars, etc., laid with VAL de TRAVERS ROCK ASPHALT

Durable, Fireproof and Impervious. For estimates and list of works executed, apply to

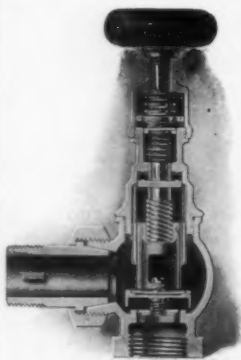
The Neuchatel Asphalt Co., Limited, 265 Broadway, New York

The UNIQUE WATER CLOSET

See our Advertisement next week for interesting information about the "Unique"



STAPLES VALVE CO., NEWBURGH, N. Y.



Leaky Radiator Valves

are not only a constant source of expense but an unmitigated nuisance.

SPECIFY

"NORWALL" Packless Radiator Valves and give your client a valve that is **AIR, WATER, and STEAM TIGHT**, and one which requires **NO PACKING AT ANY TIME**.

In **VACUUM HEATING** the Big Leak is through the packing box of the radiator valve. You can stop this leak by using "Norwall" Packless Valves besides giving your client the best radiator valve on the market in other respects. Let us submit sample.

NORWALL MANUFACTURING CO.

104 West 42nd Street
NEW YORK CITY

154 Lake Street
CHICAGO, ILL.

HOME MECHANICAL DRAWING

STUDY Courses in Reinforced Concrete Construction, Structural Drafting, Heating, Ventilation, Plumbing, Wiring, Superintendence, Estimating, Architectural, Perspective and Mechanical Drawing. Catalogue free on request

AMERICAN SCHOOL OF CORRESPONDENCE, Chicago



"Norman Monuments of Palermo"

By ARNE DEHLI



Illustrated with 50 Plates, 13"x17½"

Bound, \$10.00

Unbound, \$9.00

The American Architect
Publishers

THE AMERICAN ARCHITECT

AND

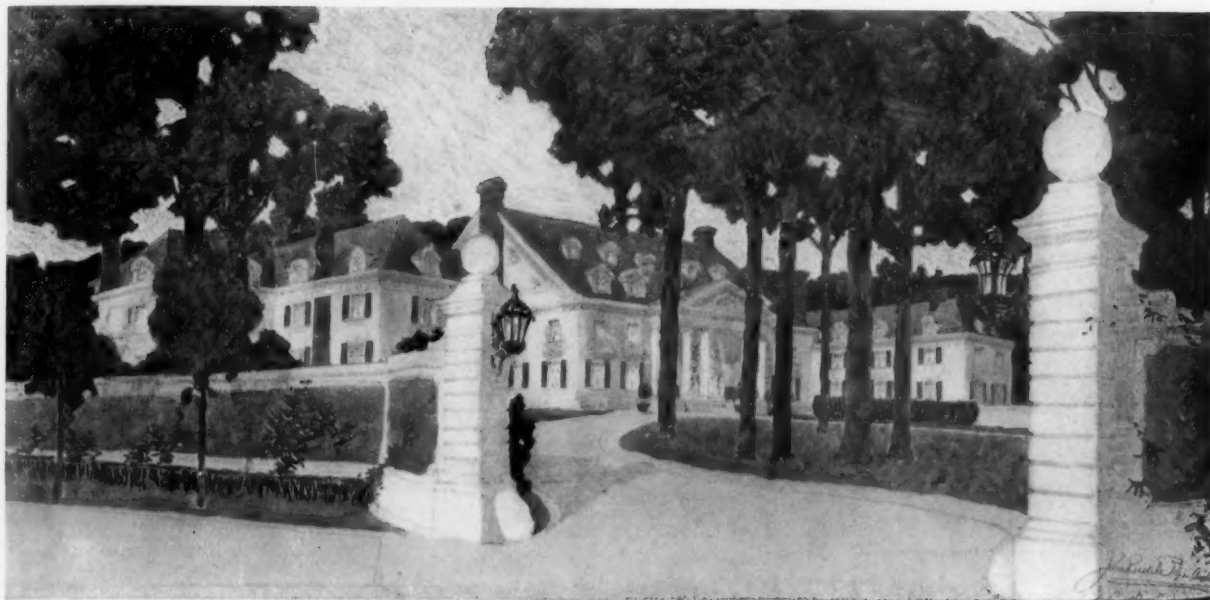
BUILDING NEWS



Vol. XCIII.

SATURDAY, FEBRUARY 12, 1908.

No. 1677.



A HOUSE ON LONG ISLAND.
John Russell Pope, Architect, New York.

The Twenty-third Annual Exhibition of the Architectural League of New York

IF it was the purpose of the Jury of Selection of the Architectural League of New York, whose twenty-third annual exhibition is now in progress at the Fine Arts Building in this city, to provide an exhibition that would appeal to the general public and awaken an interest in architecture, it has well accomplished that purpose.

From this point of view we cannot remember a more satisfactory exhibition than the present one. The examples presented of finished work are most dignified, and show marked improvement over former years. The art-loving visitor, with no knowledge of architectural principles, can profitably spend an afternoon or evening at this exhibition.

The south, or entrance gallery, is devoted to the decorative treatment of architecture, and, if the visitor were to limit his visit to this gallery he would not suspect he had attended an architectural exhibition. It might be considered an exhibition by the Society of Mural Painters.

On entering the central gallery, remodeled so as to eliminate the objectionable small rooms that formerly flanked the atrium, the motive of this exhibition becomes more apparent.

The north, or Vanderbilt gallery, presents an appearance more suggestive of an architectural exhibition. But

even here the professional visitor, more in search of instruction than entertainment, begins to realize a sense of disappointment. He becomes impressed at once with the very dignified character of the work shown. His interest is awakened, and he finds much on the walls to attract attention. But, unfortunately, the *material* for careful and extended study is not present.

Beautiful renderings, we have never seen finer, artistically made photographs, skilful pen and ink studies, command admiration and unstinted praise. These all show completed work.

The detailed showing from inception to completed work is missing, and that is what most interests the student and the professional.

There is, with few exceptions, no subject of moment in this exhibition that has not been thoroughly illustrated in the architectural press, and therefore already familiar to the professional visitor.

What he wants to see, and will most appreciate, is not an artistic photograph of completed work, but the plan, elevation, section and details. All these interest him, and these are not in this exhibition in sufficient numbers to make it a valuable one technically.

In all the six hundred and more exhibits the catalogue does not show above fifty plans or detail drawings,

and these are mostly school work. This proportion is so much smaller than any previous exhibition of the League that it at once excites comment from the visitor familiar with former exhibitions.

In spite of these critical remarks, let it be understood that this is a splendid exhibition. It is a free gift by the League to the people of New York, as there is prac-



SINGER TOWER AND BUILDING AS SEEN FROM LIBERTY STREET.

tically no admission charge, every day being free with the exception of Tuesdays and Thursdays. And this fact of a free exhibition to educate the people has perhaps influenced the selection of the exhibits.

The doorway to the Vanderbilt, or main gallery, is framed with models of medallions and brackets for the Morgan Memorial Addition to the Wadsworth Athenaeum, Hartford, Conn. These are well executed applied ornament, and suggest in a clever way the expression of the use of the building.

Attention on entering this gallery is at once attracted to Albert Herter's decorative canvas, measuring nine by eighteen feet. This hangs in the central space, on the north wall, or "place of honor." The subject is the "Attributes of the Arts."

It is stated that this was painted to decorate a room in the artist's house. It is difficult, and manifestly unfair, to criticise a decoration except in its final resting place. Taking this large canvas, as at present situated, there might well be some differences of opinion as to its desirability as a form of decorative treatment for a domestic interior. Subjects treating the nude must be handled in a masterly way to evade suggestiveness, and we are not quite sure if Mr. Herter can be altogether absolved from this. It is certain, however, that from the standpoint of color and technique this canvas is fully up to Mr. Herter's best previous efforts.

Flanking this decoration on the right is a beautifully executed pen drawing by Charles Collens, done in 1901. This is a view of Notre Dame Cathedral. It is one of the most artistic exhibits and rightfully placed adjoining the place of honor.

It is no reflection on the efforts of an architect to say that the presentation of his work for exhibition purposes is greatly aided by an artistic rendering. And we believe it is also true that an important work, poorly shown, will not attract the attention of the laity, and in some cases the professional, to which it is entitled.

Further, it is no disparagement of Mr. Kimball's splendid "City Investing Building" to say that this exhibit, by reason of the well rendered drawings, is, from the viewpoint of architectural merit and artistic presentation, the most important in the entire exhibition.

In an equally insistent way, H. Van Buren Magonigle's McKinley Monument, at Canton, Ohio, is brought to the attention of the visitor. This splendid memorial is shown by but one illustration, yet its presentation is as satisfactory, owing to the well rendered study, as others shown by more numerous and less attractive illustrations.

These renderings, we are informed, were executed by Birch Burdette Long.

Another attractive exhibit of a fine subject is No. 108, a rendering by D. A. Gregg, of a perspective view of an American Cathedral, by Brigham, Coveney & Bisbee. This is a splendidly designed structure.

The southwest wall of the gallery is hung with more than twenty splendidly executed drawings and photographs of the completed work of Cram, Goodhue and Ferguson. The work of these men always present the best examples of the Gothic, and the architectural student may profitably spend some time in a study of this exhibit.

Elevations and plans of the proposed St. Thomas Church, New York city, and the Russell Sage Memorial Church, are of special interest, although the Villa at Montécito, California, should not be overlooked.

Sixteen large photographs of recently completed work by Governor Atterbury are all good examples, particularly a house at Locust Valley, Long Island, which is very cleverly designed.

A writer in a recent issue of a magazine devoted to the house and its surroundings takes occasion to comment on what he believes is the lack of artistic appreciation by architects. We suggest he visit this exhibition, that he may learn how groundless are his fears. No exhibition of the Architectural League has shown as conclusively as the present one the successful combining of the practical with the artistic.

Mr. Atterbury's splendid houses are in excellent company, as there are very many good examples of domestic architecture by other men. If we are to define the special line of progress shown this year, we unhesitatingly state it is in the designing of the country house. Throughout the exhibition there are many well designed country houses, most attractively shown.

From the country house to the lofty office building is a



CHAPEL AT WEST POINT.

Cram, Goodhue & Ferguson, Architects, New York.

wide digression, but the color sketch of Clinton & Russell's Church Street Terminal Building, which hangs neighboring Mr. Atterbury's exhibit, claims attention by reason of the artistic presentation of this splendid structure.

The civic pride of Buffalo in its McKinley Monument is well sustained by Carrère & Hastings' presentation of this subject. Photographs of the ensemble, detail of base and supporting figures are very interesting.

This firm also shows a splendidly designed tomb erected at Woodlawn Cemetery. A beautiful example, well designed and proportioned and admirably placed. It carries with it a conviction of good grouping, and the ensemble leaves nothing to be desired. A most satisfactory and enduring work.

The Maryland Institute at Baltimore, by Pell & Corbett, is presented in a manner that gives a clear conception of the building from the competitive sketch to the completed work. This is a good design, well worked out. This exhibit might serve as a model for the entire exhibition. It is one of the few instances where a comprehensive idea can be obtained of the work illustrated.

No. 644, a proposed country house at Tuxedo Park, New York, by Walker & Gillette, is a most picturesque and satisfactory one, shown in a well-rendered sketch.

In looking through the various galleries it is with some surprise we notice that on several of the mounts of

the photographs exhibited there appear advertisements of makers of building material. We are quite sure these have escaped the notice of the jury of selection and also that of the hanging committee.

The eight frames forming the exhibition of Tracy & Swartwout are of particular interest and a valuable part of this year's exhibition.

No. 607, a front elevation of Stamford National Bank, is very well conceived and executed.

No. 606, front elevation of the National Metropolitan Bank, Washington, D. C., is a most dignified and solidly designed building.

In the perspective view of the Biology and Geology Building at Princeton University, Parrish & Schroeder have evolved a most dignified and satisfactory result.

A series of photographs illustrating the Carnegie Library Building at Pittsburg are shown by Alden & Harlow. Of these the Music Hall entrance is most notable, being a most acceptable design.

Albert Kelsey and Paul P. Cret show the front elevation and second floor plan of the building for the International Bureau of American Republics. This is the premiated design, securing the award over one hundred and thirty competitors, probably the largest competition ever held in Washington, D. C. This building will, when completed, occupy a commanding site facing the "White Lot," and will materially add to the architectural features of the nation's capital.

The work of Howells & Stokes, always dignified and well shown, is no exception in this exhibition over former ones. A splendidly drawn bird's-eye view of a part of the city of Seattle, Washington, and a general ground plan, both on a large scale, present most attractively the approved design for the development of the old State University site at Seattle.

In a forthcoming issue of THE AMERICAN ARCHITECT will be presented a full illustration and description of this work.

Aymar Embury II. shows six frames of sanely designed buildings, No. 235, a house for Mr. Charles E. Bayliss, being particularly noticeable.

Equally satisfactory is the Peabody Library, Athens, Ga., by Haralson Blickley.

W. W. Bosworth, F. H. Bosworth, Jr., and Carlton Green, C.E., associated, exhibit a series of photographs



DETAIL OF SCULPTURE ON CONNECTICUT STATE ARMORY.
Benjamin Wistar Morris, Architect, New York.

of an asylum for the New York Magdalen Benevolent Society at Inwood, New York. We consider this exhibit entitled to the prominent place assigned it.

Another exhibit by W. W. Bosworth and Jarvis Hunt is equally satisfactory. This is the proposed building

for the National City Bank, this city. A most satisfactory solution of the combined bank and office building problem. A number of recently erected banks are shown in this exhibition, all of them dignified, well-constructed buildings, and each fulfilling in an able degree the requirements of location, site and general conditions.

The State Bank building at Hartford, Conn., by Benjamin Wistar Morris, is one of these, and fully up to the reputation of this architect.

Delano & Aldrich show a number of interesting views of completed work. Among them is a frame of eight photographs of the Philadelphia Orphan Asylum. This is a well-handled Colonial treatment for a small hospital.

A house recently erected at Cedarhurst, Long Island, and designed by Ewing & Chappell, is another one of the numerous good examples shown.

The work shown by architects of neighboring cities is all of much interest. The measured drawings of the Berkeley Building, Boston, by Codman & Despradille, is a very successful attempt to adapt material to the requirements of construction.

The pencil sketches, made in various foreign cities, by Vernon Howe Bailey are an interesting lot

and, aside from their architectural value, display fine artistic ability. They are very good.

A number of examples of municipal buildings for various purposes are shown. These are all of great interest, particularly No. 318, the First Precinct Police Station, by Hunt & Hunt, and five frames by Lord & Hewlett, showing the Portchester Fire House and Amusement Hall and the Brooklyn Municipal Building.

Nos. 336 and 337, plans and photographs of the Town Hall at Stamford, by Josselyn & Mellen, is another good example of a well-designed municipal building.

Kenneth M. Murchison's four illustrations of work for the D., L. & W. R. R. are a dignified and very satisfactory lot. They illustrate completed structures and show the interior of the Hoboken terminal, and also quarter scale drawings and elevations of the Scranton station for the company.

No. 628, a Celtic cross for a monument, by Hobart B. Upjohn, is a beautifully designed subject, and denotes careful study and artistic perception.

The plan and elevation of the Vanderbilt University

at Nashville, Tenn., is a dignified and well-thought-out solution of an interesting problem.

The monuments and mausoleums shown at this exhibition evidence rare architectural skill in this class of work, always interesting and affording opportunities for artistic effect. The Hanna mausoleum at Cleveland, Ohio, designed by Henry Bacon, has been well done, and is shown by working drawings and photographs of the finished work.

Through the munificence of Andrew Carnegie and other public-spirited citizens and communities there has been erected during recent years a number of libraries, from the modest town library to the pretentious State institution. Familiarity with this work teaches that a certain type has been evolved and in most cases worked out to a monotonous degree. When originality of treat-

ment is shown in his class of work, as, for example, the library building for the city of Springfield, Mass., designed by Edward L. Tilton, it is worthy of more than passing comment.

It is with some surprise that we note the absence from the list of exhibitors of the names of many men high in the architectural profession. This is to be regretted. It is equally re-

grettable that other men of equal eminence have sent to represent them the least dignified examples of their recent work. Whether this is modesty or carelessness as to the opinion of the public in general, we are, of course, unable to say. But it is quite evident that the number of large and dignified exhibits from representative firms is not as great as in earlier exhibitions.

The various prizes were awarded as follows:

The President's prize for mural painting was awarded to Hugo Ballin, of New York.

Special mention is made of the work submitted by Anna T. Lang, of Philadelphia, "hors concours," by reason of the fact that the competitor is not a member of the League.

The Henry O. Avery prize for sculpture was awarded to Charles Carey Rumsey, of New York.

Owing to the quality of the work submitted, the gold medal in architectural design was not awarded.

The silver medal in architectural design was awarded to Herman Kahle, of Columbia University.



THE LAST SAY OF MOSES.

John La Farge, New York.

Copyright, 1906, by John La Farge.



TOMB AT WOODLAWN.

Messrs. Carrere & Hastings, Architects.



PEDIMENT, CLEVELAND TRUST CO.

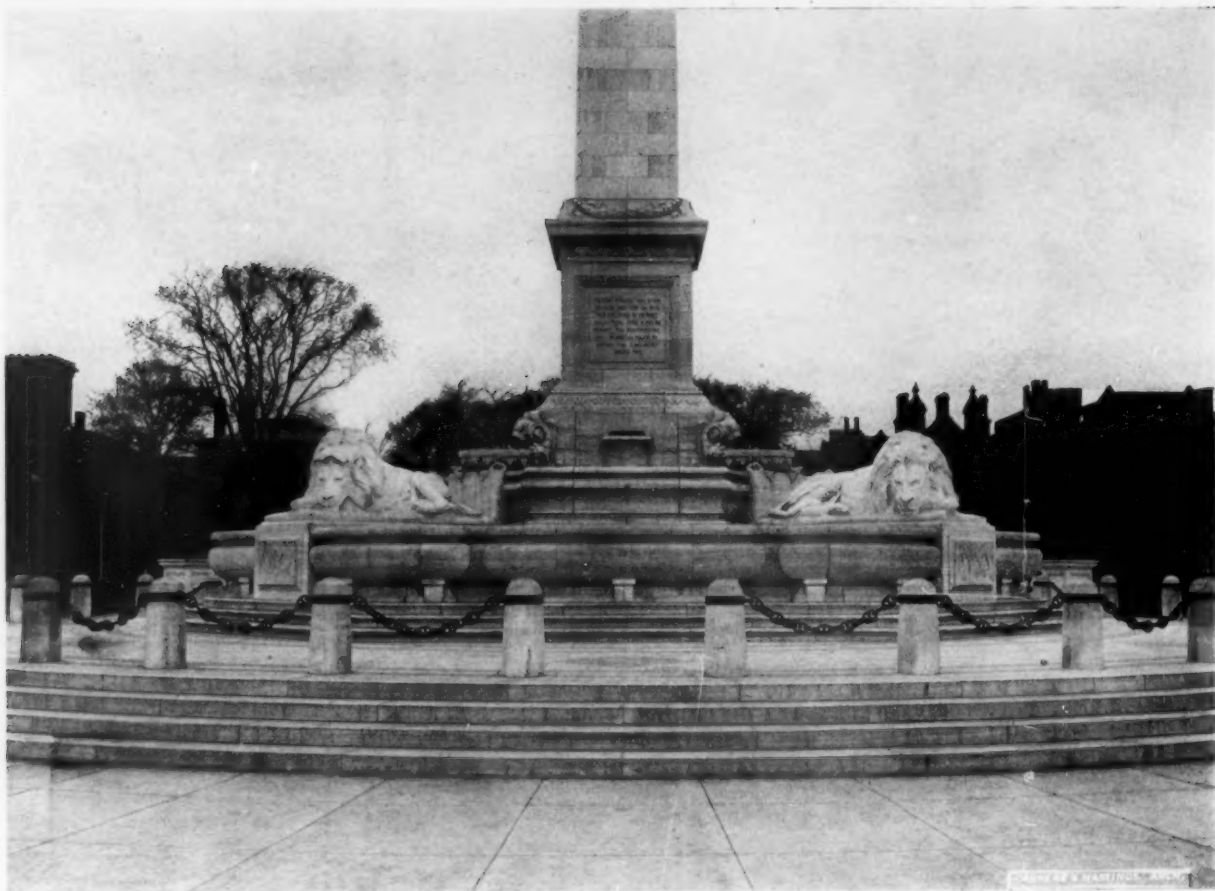
Messrs. George B. Post & Sons, Architects.

THE TWENTY-THIRD ANNUAL EXHIBITION. ARCHITECTURAL LEAGUE, NEW YORK, N. Y.

The American Architect and Building News.
Regular Edition.

Volume XCIII., Number 1677.
February 12, 1908.

Copyright, 1908, by the Swetland Publishing Co.



M'KINLEY MONUMENT AT BUFFALO, N. Y.
Messrs. Carrere & Hastings, Architects.



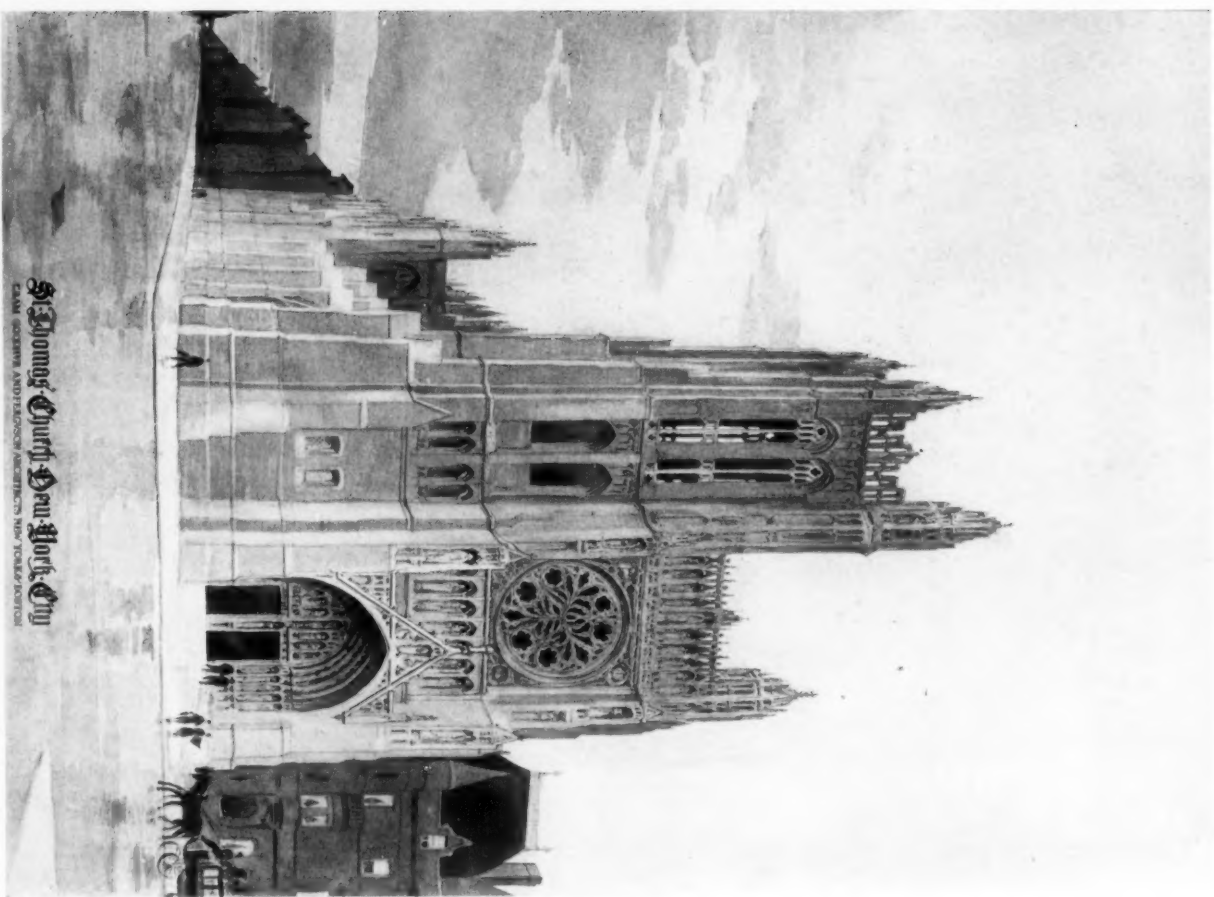
DESIGN FOR AN AMERICAN CATHEDRAL.
Messrs. Brigham, Coveney & Bisbee, Architects.

THE TWENTY-THIRD ANNUAL EXHIBITION, ARCHITECTURAL LEAGUE, NEW YORK, N. Y.

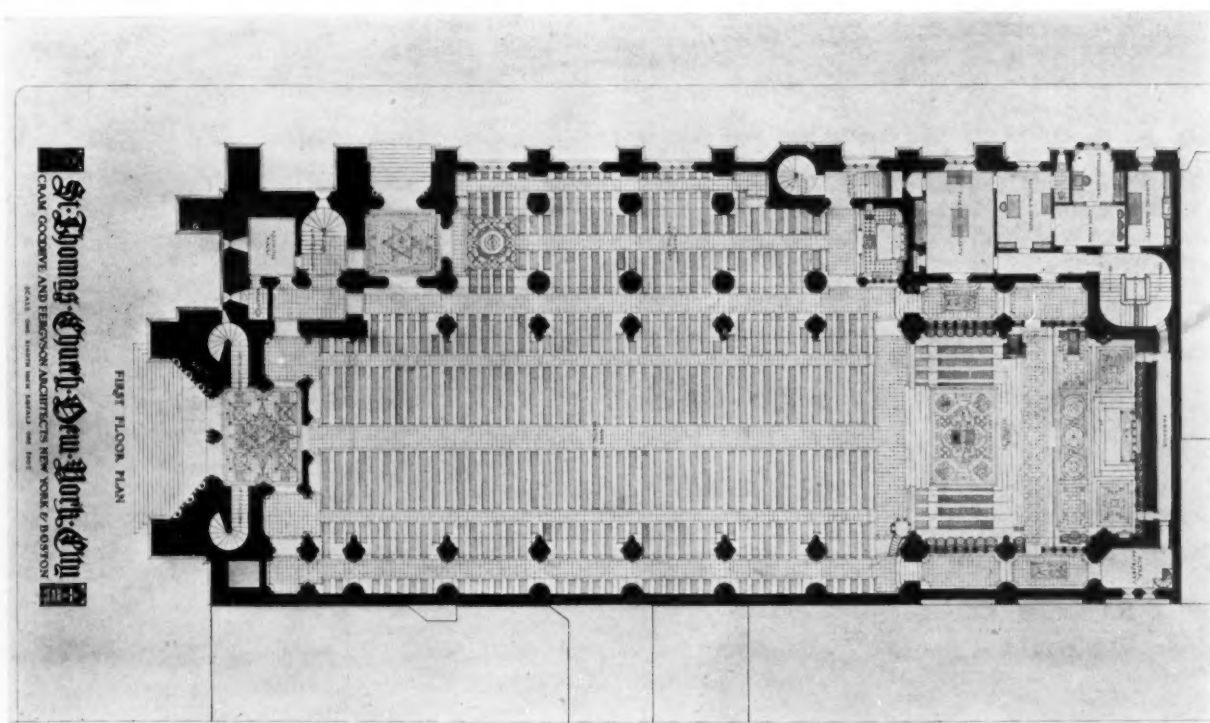
The American Architect and Building News.
Regular Edition.

Copyright, 1908, by the Swetland Publishing Co.

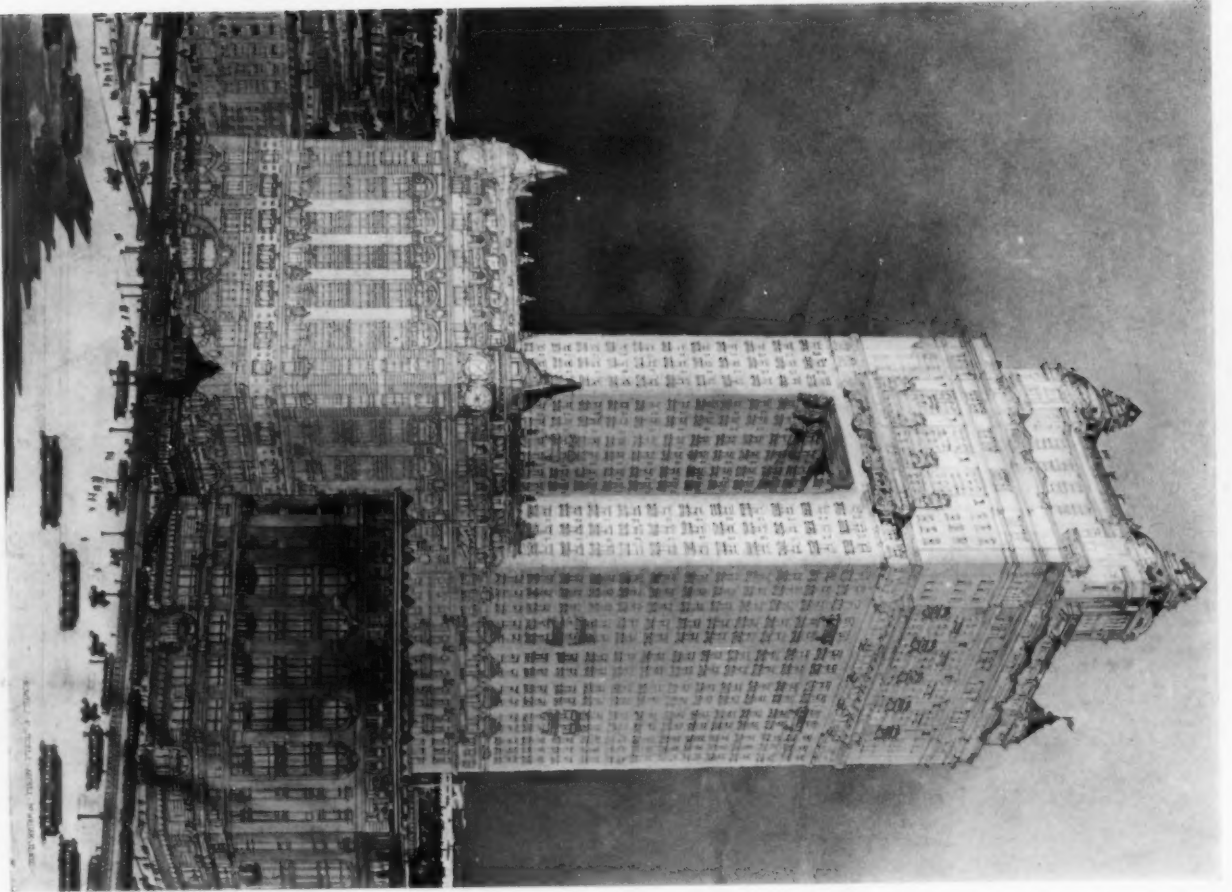
Volume XCIII., Number 1677.
February 12, 1908.



St. Thomas Church New York City
CRAM GOODRICE AND HERRICK ARCHITECTS NEW YORK & BOSTON



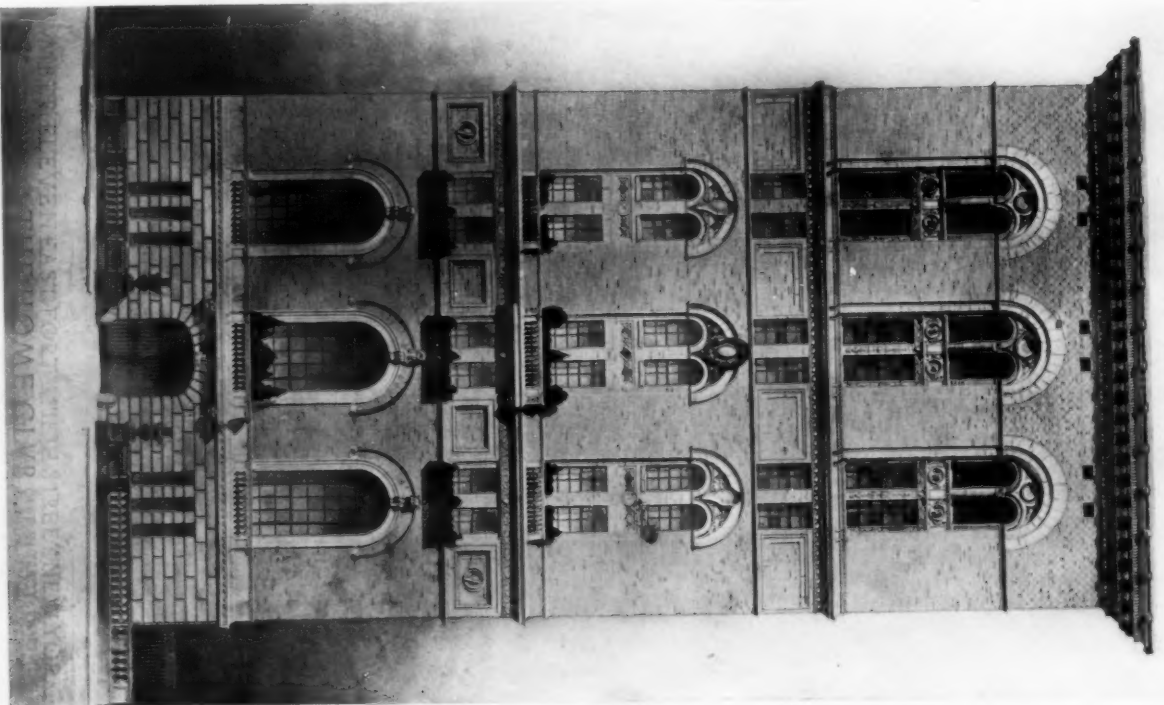
St. Thomas Church New York City
CRAM GOODRICE AND HERRICK ARCHITECTS NEW YORK & BOSTON



COMPETITIVE DRAWING FOR UPTON TERMINAL OF THE MADISON TUNNEL.

Messrs. Howells & Stokes, Architects.

The American Architect and Building News.
Regular Edition.



THE HOME CLUB.

Messrs. Tracy & Swartwout, Architects.

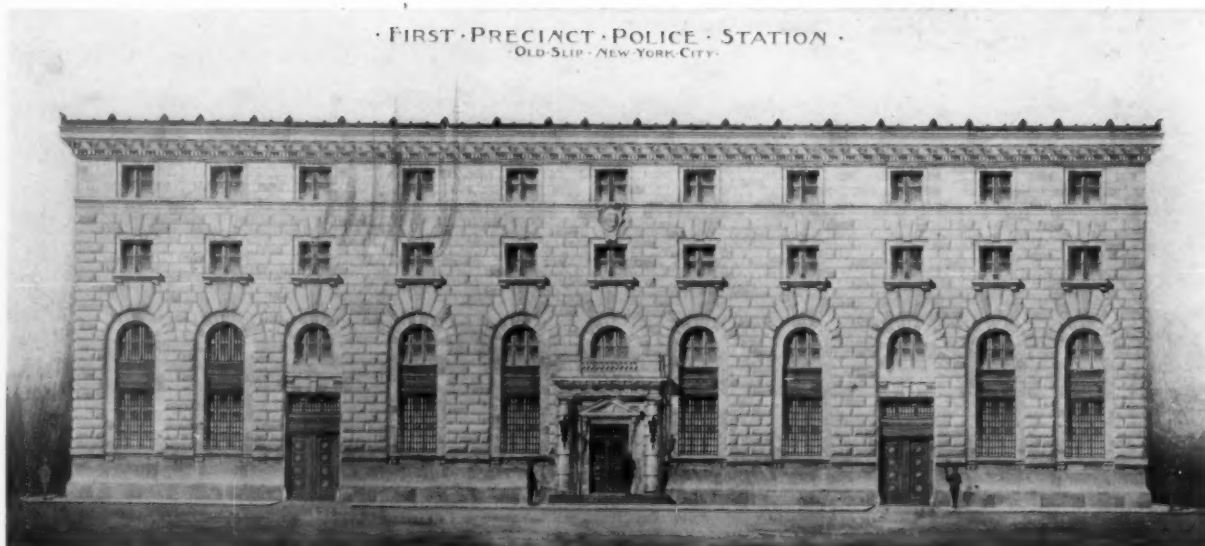
Volume XCIII, Number 1677.
February 12, 1906.

Copyright, 1906, by the Sweetland Publishing Co.



PORTCHESTER FIRE HOUSE AND AMUSEMENT HALL.

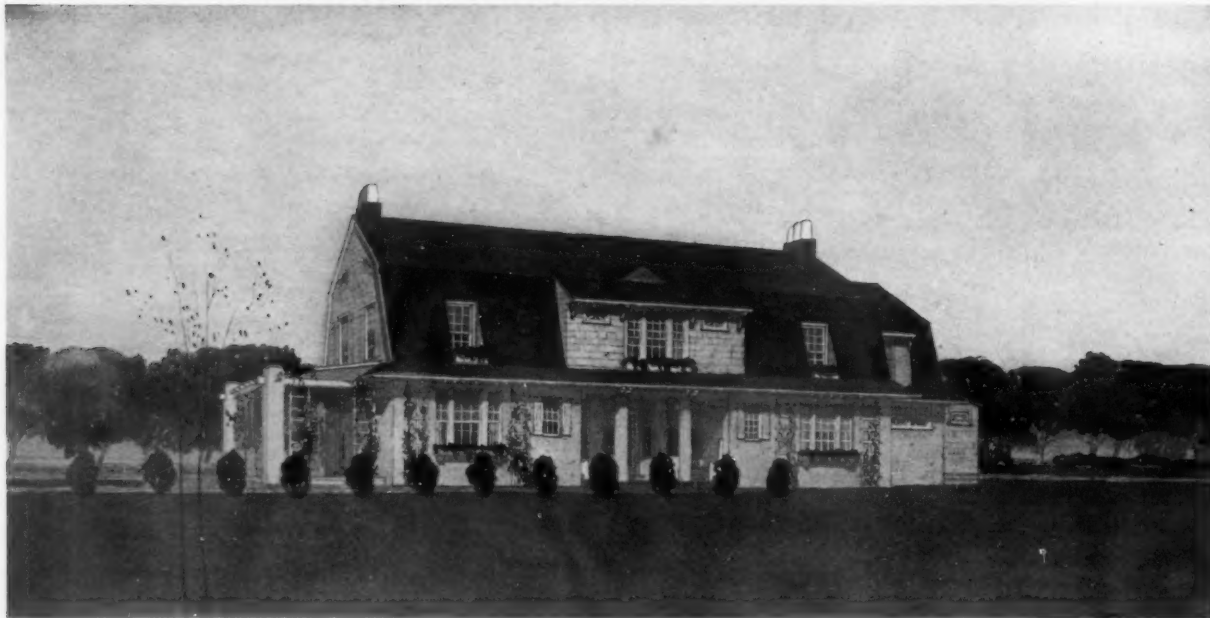
Messrs. Lord & Hewlett, Architects.



FIRST PRECINCT POLICE STATION, OLD SLIP, NEW YORK CITY.

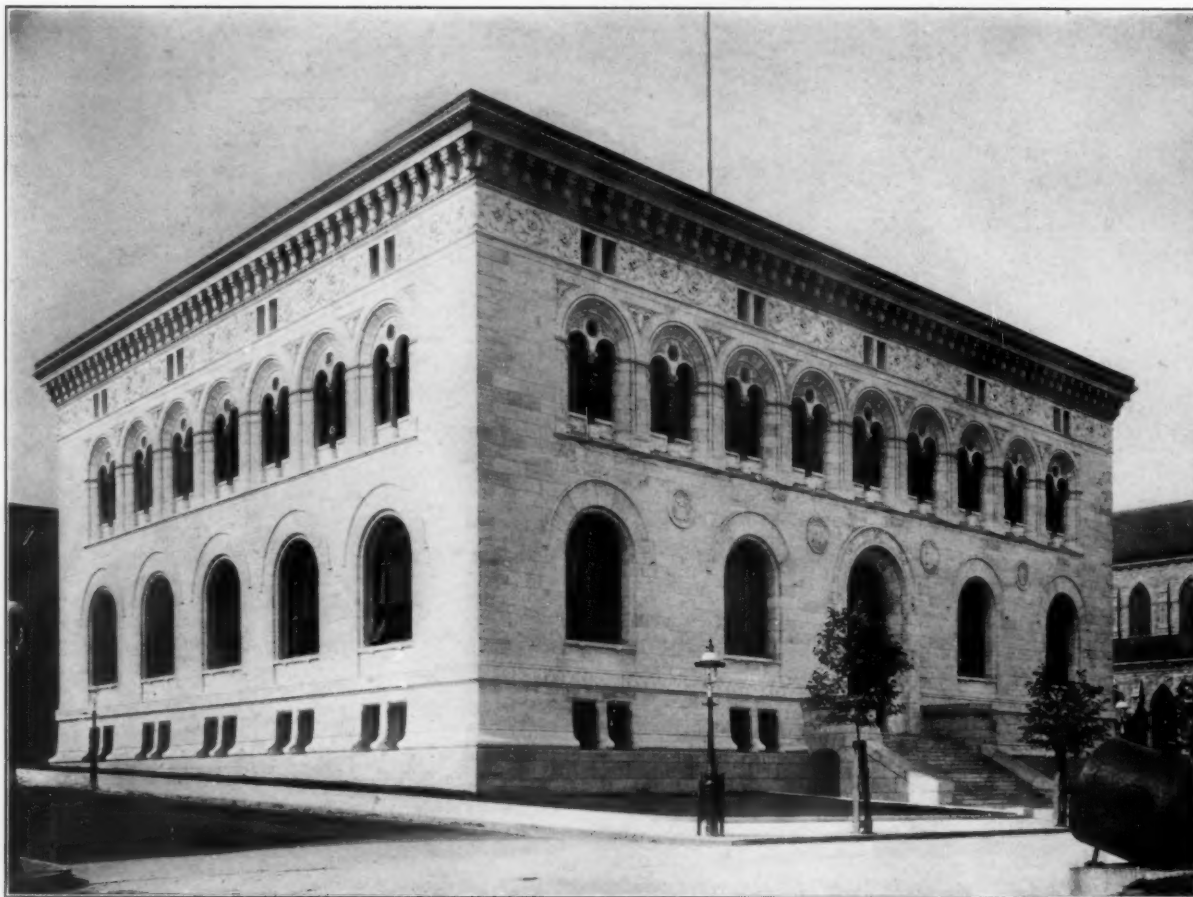
Messrs. Hunt & Hunt, Architects.

THE TWENTY-THIRD ANNUAL EXHIBITION, ARCHITECTURAL LEAGUE, NEW YORK, N. Y.



COTTAGE FOR H. S. ORR, ESQ.

Mr. Aymar Embury, II., Architect.



MARYLAND INSTITUTE, BALTIMORE, MD.

Messrs. Pell & Corbett, Architects.

THE TWENTY-THIRD ANNUAL EXHIBITION, ARCHITECTURAL LEAGUE, NEW YORK, N. Y.



CITY HALL, STAMFORD, CONN.

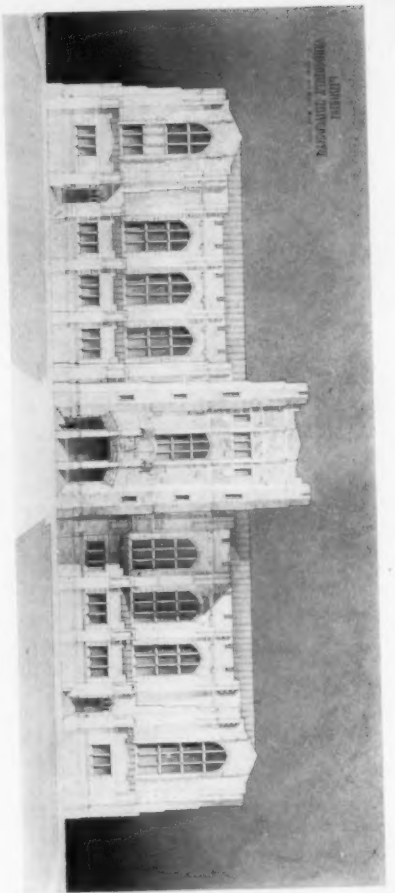
Mr. Edgar A. Josselyn, Architect.



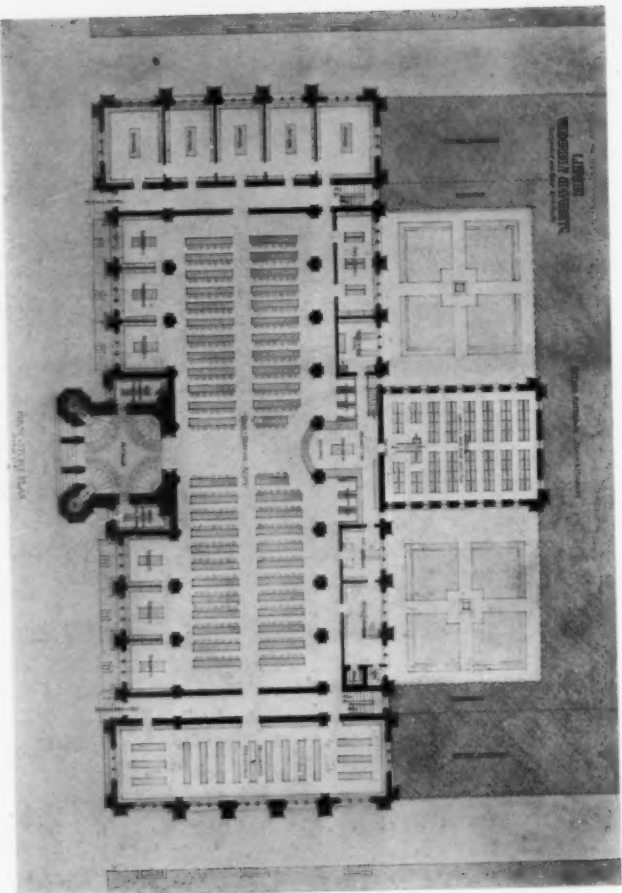
MARGARET MORRISON CARNEGIE SCHOOL FOR WOMEN, PITTSBURG.

Messrs. Palmer & Hornbostel, Architects.

THE TWENTY-THIRD ANNUAL EXHIBITION, ARCHITECTURAL LEAGUE, NEW YORK, N. Y.

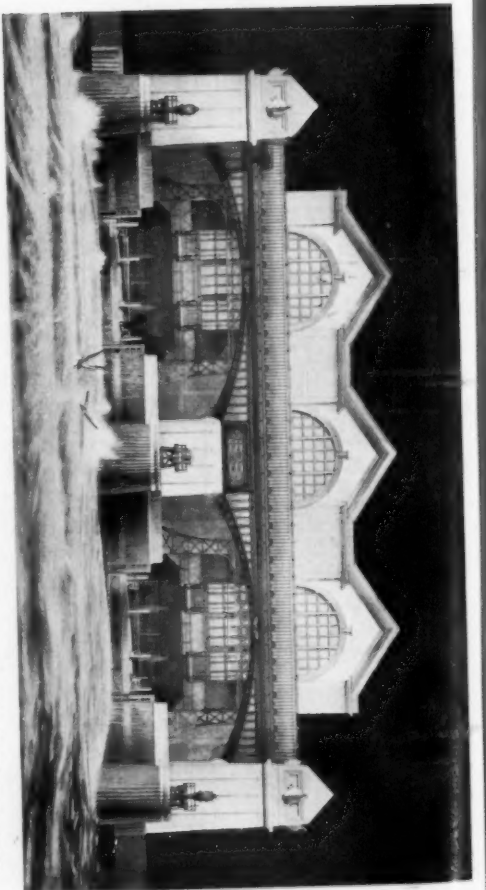


FRONT ELEVATION :
LIBRARY, VANDERBILT UNIVERSITY.

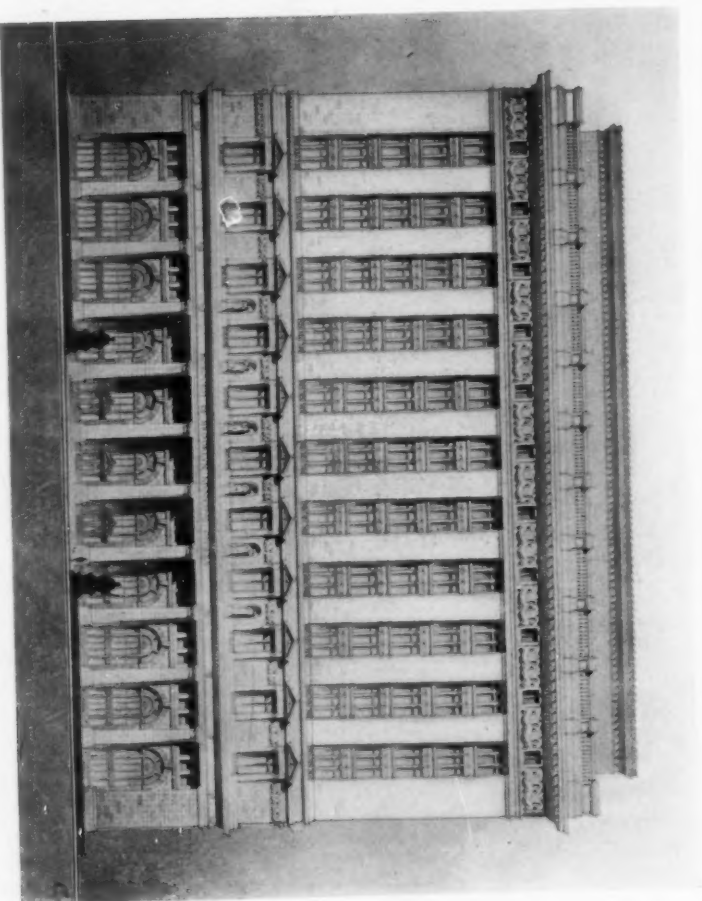


FIRST FLOOR PLAN : LIBRARY, VANDERBILT UNIVERSITY.
Messrs. Carpenter & Blair, Architects.

The American Architect and Building News.
Regular Edition.



MUNICIPAL FREE OF THE CITY OF NEW YORK, THIRTY-NINTH STREET, BROOKLYN, TERMINAL.
Messrs. George H. Post & Sons, Architects.



BROOKLYN MUNICIPAL BUILDING.
Messrs. Lord & Hewlett, Architects.

Volume XCIII. Number 1677.
February 12, 1908.

Copyright, 1908, by the Swetland Publishing Co.

In the competition for the special prize offered for the best design submitted by an architect, sculptor and mural painter, in collaboration, the prize of \$300 was awarded to Henry Bacon, architect; Evelyn B. Longman, sculptor, and Milton H. Bancroft, mural painter.

The schools of architecture represented were those of Columbia and Cornell universities, the Carnegie Technical Schools and the Pratt Institute of Brooklyn. These were all shown in the rooms of the National Sculpture Society, on the right of the entrance hall. The critical attention bestowed on these by younger members of the profession and by students, as well as many older members, justifies the criticism we have made as to the lack of just such technical material in the main exhibition galleries. Space will not permit any extended criticism of this work. We can only add that it was of excellent character and proved that there are among the rising generation keen minds, with both inventive and analytical abilities to keep the profession up to its present high standard and help in the creation for this country of an architecture that will become distinctive—a consummation devoutly to be wished.

No description of this exhibition would be complete without mention of the sculpture and mural paintings which form so important a part.

Daniel Chester French's two groups, "Jurisprudence" and "Commerce," modeled for the new Federal Building, Cleveland, Ohio, of which Arnold W. Brunner is the architect, are, like everything this man models, above criticism. To say that they are fully equal if not better than those now in place on the Custom House, this city, is to merely emphasize the fact that they are later works. Mr. French seems to always advance. His art never halts.

The pediment for the Cleveland Trust Company (George B. Post & Sons, architects), modeled by Karl Bitter, is another fine example. The model for this forms the top of the frame for Mr. Herter's large decoration, already referred to.

In recent large buildings the application of sculptured figures to the ornament of the exterior has not in every instance been followed by the happiest result. Where a number of figures have been placed on the sky-line, the fact that each figure has been done by a different sculptor has resulted in confusion of lines and an unfortunate ensemble, something never intended nor foreseen by the architect. The fact that he passed on the models does not convict him of any lack of artistic perception. All of the figures are good as units, but when placed together on one building the difference in composition has revealed lines that almost amount to distortion in the general effect of the façade.

The figures by Herbert Adams, typifying the philosophy, the sculpture and the architecture of the Greeks, are splendidly modeled, and prove the contention that in such matters one sculptor is better than many. The lines of these figures would in no way lead to confusion when placed on the façade of a building, and the "quietness" of their handling is in sharp distinction to many of the statuesque poses shown by some of the figures on public buildings.

Purely decorative in treatment, splendidly modeled, and what would make a most desirable frieze for a house of even moderate cost, is No. 361, by Isidor Konti. Mr. Konti and Mr. Bitter have shown in so many instances their splendid ability in the treatment of decorative motives that one is led to wonder why this form of interior

decoration is not more generally placed in modern houses.

Two large single figures, "Agriculture" and "Mining," by Augustus Lukeman, are in this sculptor's usual style, and will, with two others by the same artist, be placed on the façade of the Royal Bank building at Montreal, Canada.

No. 47, a drinking fountain, by Chester Beach, should find an early purchaser, if not already sold. This young



BASE OF STEWART MEMORIAL.
Moller & Smith, Architects, New York.
Charles Keck, Sculptor, New York.

man shows the greatest talent, and this fountain, called "Music," is one of the most admired decorative things in the exhibition.

Of the mural paintings, which make the South Gallery of a veritable riot of good color, that of the "Rattle-watch," painted by Francis Newton for the new Police Headquarters in this city, occupies the entire west wall. This is very fine in color. It depicts what was probably the first police in New Amsterdam. This picture is worth seeing and studying.

Nine panels by Robert V. V. Sewell are part of a series representing the life of a man from birth to old age, and also the twelve months. These are fine in color and technique and splendidly drawn. They appear, however, as at present placed, to be crowded in composition; there are too many figures, either completely shown or suggested, in the small space of each panel.

E. H. Blashfield's studies, twenty-six in number, would in themselves form an exhibition worth seeing. These Mr. Blashfield has made preparatory to his large decoration in the south end of the great hall of the College of the City of New York. The drawing is superb, and one looks forward with keenest interest to the completion of this, the latest of this gifted artist's decorative work.

If one is artistically inclined he will dwell on two small drawings by John La Farge, "The Last Say of Moses" and "Justinian." Beautifully grouped and, of course, splendidly executed.

Equally interesting is the decoration on the Essex County Court House, by Will H. Low, and the vigorous example of the work of Fred Dana Marsh, entitled "The Excavators."

Howard Russell Butler's decorative panel, "Sunrise," as at present placed suggests hardness of color. It carries out the Greek idea of the plunging white horses as typifying the cresting billows.

Space will not permit at this time a more extended notice of this exhibition.

To say that there are no subjects shown that should have adverse criticism would not be true. There are a few examples that lead us to wonder how they ever passed the jury and found lodgment in an exhibition of such high character. Where there is so much to commend we must refrain from dwelling on the very few examples that appear to us out of place and unfortunate in having been selected.

This exhibition had its formal opening at the dinner held in the Vanderbilt Gallery on Friday evening, January 31. More than two hundred members and guests were present. This function has become a recognized feature of the League exhibitions, and that held this year was, if possible, more enjoyable than its predecessors.

Mr. Thomas Hastings, the president, presided and introduced the various speakers.

The subject under discussion was "Art in Construction," and the speakers, Professor Burr, Department of Civil Engineering, Columbia University; O. F. Nichols, C.E.; Hamilton Wright Mabie, editor of *The Outlook*, and J. Hopkinson Smith.

During the progress of the exhibition there will be given a course of three lectures, as follows:

February 5, "Early and Middle Periods of the Architecture of India," by C. W. Stoughton.

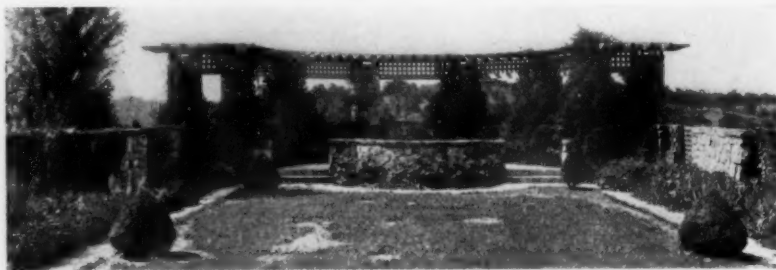
February 12, "The Evolution of Costume," by Mrs. Clara Ruge. The series to conclude on

February 19, "A Talk on Foundation Caissons," by Howard J. Cole.

Each succeeding year emphasizes the growing need of a home for the fine arts societies of this city—one that will meet the growing needs for exhibition space and house in one

building the various societies. Although the exhibition of the National Academy has been closed for more than a month, the daily press is printing letters from dissatisfied members whose accepted work was not hung for lack of space. And we expect to hear in like manner that there are many architects whose work was returned for similar reasons. That this was the case we know, and it was, perhaps, on this account that it was decided to make the present exhibition largely artistic, as the available space would not permit the committee to hang even a small proportion of the many frames sent in.

The annual report shows the finances of the League to be in splendid shape. The National Academy has many thousands of dollars to its credit. These societies, with others, and with the financial assistance of public-spirited men, might well bring to a speedy conclusion the plans so long under consideration for a suitable building, one that will provide space to accommodate the largest exhibition, and thus create an awakening by the public of an appreciation of art and the beautiful, that is so necessary before we can hope to induce our law-makers to show an interest in matters demanding attention and already too long delayed.



GARDEN AT RIDGEFIELD, CONN.
Grosvenor Atterbury, Architect, New York.



Copyright, 1908, by Francis Newton.

THE RATTLEWATCH OF NEW AMSTERDAM.
MURAL PAINTING FOR THE NEW POLICE HEADQUARTERS, NEW YORK.
Francis Newton, New York. Hoppin, Koen & Huntington, Architects, New York.

The Government's Work is the Identification of the Lesser Known Woods

THE following communication from the Forest Service Division of the United States Department of Agriculture, is of great interest and worthy of careful perusal.

The opportunity afforded architects and builders to prove, or prevent substitution of woods the determination of which requires technical knowledge, is valuable, and we suggest that our subscribers place their names and addresses on file with the Department to insure their receiving the various pamphlets to be issued and to mark their approval of this very valuable service on the part of the government.—ED.

WASHINGTON, JAN. —It is doubtful if any of the laboratories maintained by the government for scientific research are more unique in character, and yet bear promise of more important results, than one which has just been established in Washington by the United States Forest Service for investigating the structure of commercially important woods.

Laymen will not understand the significance of the proposed investigations carried on in this laboratory so quickly as architects, builders and other wood users, who in these days of growing scarcity of the more valu-

and certainly. Again, a new wood may come to a man's notice for the first time, and it may be necessary for him to decide what it is and what it is worth.



SEAL OF COOK COUNTY, ILLINOIS.
H. A. MacNell, Sculptor, New York.



LIBRARY, CATHOLIC SUMMER SCHOOL.
Arthur Dillon, Architect, New York.

able woods are seriously perplexed in identifying substitutes. Mistakes of this kind in identification have, in the last few years, in several instances, meant the loss of thousands of dollars, and many embarrassing law suits.

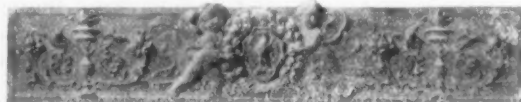
Nearly any user of lumber can recognize, and name off-hand, all the usual trees of the forest when he sees them growing, and not much difficulty is encountered in identifying the common kind of lumber in a mill yard because he knows the few trees from which the yard lumber comes. But common kinds are growing scarce, and woods not often cut heretofore are appearing in the markets. The most experienced men are sometimes puzzled when they try to identify them, and persons with less experience have still more trouble. Is a certain wood gum or elm? Is another cucumber, linn, or poplar? Is a stick sugar maple or red maple? Doubts may arise whether a piece is hemlock or spruce, or whether it is lodgepole pine or fir, or whether a shingle is cypress or cedar. A dealer may buy red oak and suspect that he is getting something else. There are thirty or more important species of oak. The best lumber dealer might not know which is which in the lumber pile, or, if he knows, he might not know how to prove it.

Many of these woods look alike, even to the trained eye of the millman or the builder, and yet they are widely different in value for certain purposes, and it is of the greatest importance to be able to distinguish them quickly

The government has been helping individual lumber users for some time, but the facilities have not been near so complete as they are now. It is to meet such needs and answer such questions, that the Forest Service has established the laboratory, and placed it in charge of a trained dendrologist. Architects, lumbermen, manufacturers, and makers of woodware are already sending in samples of wood for identification, and asking if there are not some structural characters by means of which such woods may be conveniently separated for relative species having greater or less value for some specific purpose.

The laboratory will investigate in a practical way. The structure of the woods, sections lengthwise and crosswise, will be studied so as to separate by structure alone the various species of a genus. Analytical keys to the trees of each group will be worked out. These will be based on the arrangement and character of the pores discernible to the naked eye, or by a hand lens.

The results will be published from time to time with good illustrations and placed at the disposal of lumber users. After all the important groups of wood, such as oaks, pines and firs, have been studied and the results



published separately, the several monographs will be collected and published in one volume.

A work of this character has long been in demand by architects, builders and other users of lumber. It will, in most cases, enable even a non-technically trained man to determine quite readily the wood he deals with by means of an ordinary hand lens and by comparing the wood in question with the photographs of cross and long sections given in these monographs.

THE AMERICAN ARCHITECT

AND
BUILDING NEWS

PUBLISHED EVERY WEDNESDAY BY THE
SWETLAND PUBLISHING COMPANY
Flatiron Building, New York

H. M. SWETLAND, *President*. F. P. BURT, *Secretary*. J. T. MORRIS, *Treasurer*.
G. E. SLY, *Advertising Manager*.

M. C. ROBBINS, *Western Manager*, Monadnock Building, Chicago, Ill.

SUBSCRIPTION RATES

Regular Edition, . . . \$ 6.00 a year; Single Copies 15c. to \$1.00
International Edition, \$16.00 a year; Single Copies 40c. to \$1.00
Foreign Postage, \$2.00 a year.

To insure the accuracy of our mailing lists, subscribers are requested to notify us promptly of any change of address, stating at the same time the address to which the paper was formerly sent. Our Subscription Department should also be notified if, for any reason, copies are not received promptly.

Entered at the Post-office, New York, as Second-class Matter

VOL. XCIII., No. 1677.

FEBRUARY 12, 1908.

CONTENTS

THE TWENTY-THIRD ANNUAL EXHIBITION OF THE ARCHITECTURAL LEAGUE OF NEW YORK.....	51
THE GOVERNMENT WORK IN THE IDENTIFICATION OF THE LESSER KNOWN WOODS.....	57
EDITORIAL COMMENT.....	58

The Growing Appreciation of Art as Applied to Architecture and the Civic Center.—The Collaborated Competition Recently Conducted by the Architectural League of New York.—The Twenty-third Annual Exhibition of the Architectural League of New York.

ILLUSTRATIONS:

Eight plates and text cuts illustrating the twenty-third annual exhibition of the Architectural League of New York.

Additional: The City Investing Building, New York, N. Y.: Four plates.

A GROWING appreciation of art, particularly that form of art which has its application in the establishment of civic centers, is one of the most hopeful and significant indications of an approaching era when exterior appearances of structures as well as their form and arrangement will receive the serious and careful attention deserved. For while the development of artistic exterior effects in cities and the great æsthetic value of form and arrangement applied to public buildings has received some measure of consideration for more than a decade it is only within a very recent period that they can be said to have become generally recognized. Of late the evidences that utility and economy alone are no longer enthroned as dictators over the realm of public and private construction and improvement are so numerous and apparent that they can hardly have escaped the attention of even the most casual observer.

IT is therefore with some surprise, after considering the civic centers that are being planned and enthusiastically developed in a number of the larger and more important cities, while others appreciating the popular feeling and demand are planning future developments along lines calculated to establish higher standards of municipal art, that we read in a recent paper another

installment of the tirade which has been periodically directed, not only against the plan proposed for beautifying this nation's capitol city, but against its authors as well. These self-constituted critics by their intemperate and vituperative attacks seem to have conclusively demonstrated their own conspicuous unfitness, and Congress by tolerating if not freely indorsing their conduct gives evidences that as a body it is totally unqualified to pass judgment on matters artistic or involving to any degree æsthetic considerations. There is probably no city in the world offering greater opportunities for the artistic grouping of its public buildings than Washington and that these opportunities are in no wise neglected in the plan proposed is the opinion of those best qualified to judge. The delay in the complete adoption of this scheme is undoubtedly a source of the keenest regret to all lovers of art and there is much evidence that public sentiment indorses this feeling. It is not surprising that the utilitarian requirements were first provided for in America, and matters artistic involving an outlay of public funds were once generally frowned upon, but since commercial and industrial needs are no longer a pressing necessity we find that more attention is properly being bestowed upon æsthetic considerations, and if Congress does not adequately represent the American people in this respect means must be devised to meet the deficiency. Perhaps a competent national art commission might be selected to which matters of this kind would be referred with better prospects of receiving wise and intelligent consideration.

THE twenty-third annual exhibition of the Architectural League of New York, referred to at considerable length elsewhere in these pages, is in some respects notable. In its great wealth of color and in its wonderfully extended scope including subjects which only by the most liberal interpretation could be considered as in any way allied to architecture, it more than equals any that have gone before. Mural paintings and sculpture are given especial prominence in the exhibition, perhaps an undue prominence, but if so the growing importance of these features in this country is only reflected by this fact. While a great variety of architectural subjects are presented, the manner and scope of the presentation consisting in most cases of a single water color or wash perspective or rendered elevation, or perhaps photograph, leaves much to be desired. After a careful perusal of the program and conditions of the exhibition in which especial emphasis is given to the desirability of fully illustrating each subject, giving plan section and scale details as well as elevation or perspective, a condition we most heartily endorse, we admit a measure of disappointment in the dearth of adequately illustrated subjects. Of course we realize that the co-operation of the profession is necessary to a complete realization of any plan of exhibition, but we are constrained to believe that this was not withheld to a degree that might be inferred by the walls of the exhibition gallery; and while space would not permit of a full presentation of all the subjects shown, the amount of space was probably known when the conditions of the exhibition were, as we believe, wisely formulated. Moreover, if some few of the numerous subjects presented in some instances by one author had been omitted, more space would have been available and at the same time the occasion for many cynical remarks avoided.

Current News Section

NOTES AND CLIPPINGS

THE MEDIEVAL ARCHITECT A POOR ENGINEER.—That the medieval builders were excellent workmen sometimes turns out to be only half a truth, says the *London Spectator*. They were great artists and where the object was to create a thing of beauty they were quick in answering to the call. But when the matter was one of science rather than that of art—when, for example, they had to consider, not how a church would please the eye or excite the devotion of a worshiper, but how it would stand—their skill seems at times to have deserted them.

It was the skill, that is to say, of the instinct, rather than of the reason. They knew how to raise their columns and vault their aisles. So far they could be trusted to make no mistake.

But in the matter of foundations there was no such certainty. They made them as secure as they could, subjected them probably to such rude tests as regards strain and pressure as occurred to them, and if the walls seemed safe and the site was what they were seeking for in other ways, they were content.

And in fairness it must be admitted that for long periods their confidence was justified. Centuries have in many cases passed without any shortcoming disclosing itself. Recently, however, defects of all kinds have come to light with alarming frequency.

A cathedral is no longer a type of solidity. Its walls may be out of the perpendicular. Its towers may incline at an angle which suggests a speedy fall. Its mighty stones may be parted from one another by cracks which threaten to become chasms.

Then the architect begins his search for the cause of these faults, and before long he discovers they have their common origin in the soil, or substitute for soil, on which the building rests. If that has sunk or changed its character, the greatest cathedral in the world may be no more secure than a wooden cabin.

Indeed, the danger of a catastrophe increases in proportion to the size which to the eye makes it immovable. The greater the superincumbent weight the more unfit may be the soil on which the foundation rests to bear the burden laid on it.

Sometimes the builders were plainly wrong in their choice of a site. The ground which they thought would serve their purpose was never really suited to it, and the wonder is, not that this fact has at last been discovered, but that it has remained so long undetected.

Sometimes the ground they picked out would have done its work for many more centuries if it had been let alone. But to let things alone is just what civilization is unable to do.

New theories about health come into vogue. The land in the neighborhood of the cathedral is wanted for building, and to make building wholesome it must be thoroughly drained. But drainage may

alter the level of the water underneath the surface, and where this is the case the level of the subsoil may alter also. When that sinks, the foundations it supports naturally try to follow it, with the results with which we are becoming sorrowfully familiar.

BLAST-FURNACE GAS UTILIZED.—The first test of the largest gas engine in the world was made December 13, 1907, by the Carnegie Steel Company at the Edgar Thompson plant. The big machine ran perfectly. Through it the Carnegie Company expects to save half of its fuel bills per annum, since the engine uses blast furnace gas exclusively. The machine weighs 1,500,000 pounds, is 86 feet long, and its horsepower is 5,000. It was designed by Carnegie and Westinghouse engineers to take advantage of the secret process discovered by the Carnegie Company less than a year ago, by which the waste gas of the blast furnaces, which has been poisoning the atmosphere of Pittsburgh and has been a source of infinite expense to the Steel Corporation, is fed back into the engine as fuel, giving the Steel Corporation practically free power.—*New York Times*.

PERSONAL

Ferdinand Meldahl, the noted Danish State architect, and for many years Director of the Academy of Fine Arts at Copenhagen, died February 3. He was 83 years old. He rebuilt the Fredericksborg Castle, which was destroyed by fire, and many other public buildings. He was the personal friend of the Emperor of Germany and Queen Alexandria of England.

The medal of honor of the New York Chapter of American Institute of Architects awarded at the Architectural League Exhibition each year, was awarded this year to Pell & Corbett, 31 Union Square, New York City, for their Maryland Institute.

Charles H. Baxter & Son, whose offices at 360 Alexander avenue were recently burned, have opened new offices in the Morris building, Third avenue and One Hundred and Forty-ninth street.

ASHEVILLE, N. C., Feb. 2.—Raphael Guastavino, the architect, of New York, died to-night at his summer home at Black Mountain, twenty-two miles from this city, as the result of a cold contracted while on a visit to Boston three weeks ago. The deceased, who was 55 years old, leaves a wife and son, the latter being now on his way from New York to Black Mountain. Raphael Guastavino was the inventor of the "Guastavino Arch," used in the construction of some of the stations of the New York subway.

Mr. Guastavino was president of the R. Guastavino Co., 949 Broadway. He was the author of a collection of essays on the

subject of "Cohesive Construction," many of which he delivered as lectures before members of architectural clubs in New York and Boston.

SOCIETIES

We have received the 1908 Catalogue of the Portland (Ore.) Architectural Club, held in the galleries of the Museum of Fine Arts, January 6 to 18. This is the first exhibition by this organization, and, judged by the illustrations in this catalogue, the work exhibited was of a very high order and would reflect credit on a much older organization. A country house by Kelly & Newberry, the Arlington Clubhouse by Wheeler & Lewis, the Northwestern National Insurance Company's building by Perry & Class are good examples of completed work well and sanely designed.

Sommervell & Cote, among other exhibits, illustrate an elevation of the Manufacturers' Building for the forthcoming "A. Y. P." Exposition, which is exciting much interest on the Pacific Coast and which the people along the Northern Pacific coast are determined shall, in completeness and value, outstrip any former Eastern Exposition.

At the last meeting of the Philadelphia Chapter, American Institute of Architects, the committee which some years ago conferred with the city authorities and made a minute examination of the Old Congress Hall, at Sixth and Chestnut streets, was reappointed, and will again endeavor to impress upon the public and the proper authorities the importance of preserving this historical building and rendering it fit for use by the city.

COMPETITIONS

Competitive designs for the erection of a combined market and armory building will be received at the office of the City Engineer of Richmond, Va., until March 23. The architects submitting designs will be required to furnish plans, four elevations, longitudinal and cross-sections and such other detail drawings as may be necessary. Also a proposal from a reliable contractor that the building can be erected for the sum of \$100,000. The Committee on Grounds and Buildings reserves the right to reject any and all designs.

BOOK NOTES

A Slide Rule Manual, by Mr. John L. Hall, the Slide Rule Club, box 12, Station J, New York, 50 cents, gives a clear idea of the use of the structural slide rule, and also contains a concise and rather complete treatment of the Mannheim slide rule. The general treatment and solution of problems are given in a diagrammatic form on the left hand page of the manual, while the opposite page contains specific examples with their solutions.

INDUSTRIAL INFORMATION

PORTLAND CEMENT.

Under the title of Cementology, the Whitehall Portland Cement Company, Land Title Building, Philadelphia, Pa., issue a monthly pamphlet. Most of these are devoted to different phases of the use of cement, and, although some of the suggestions offered are well known, others call attention to newer features. In their issue for November, 1907, they give the Regulations of the Bureau of Building Inspection of the City of Philadelphia in regard to the use of reinforced concrete. While architects may not agree with all the rules laid down, still they will be interested in these regulations because of the fact that few cities have as yet taken up this matter in a thorough manner.

OCTOPUS CLOSET FITTING.

Our attention has again been called to some of the advantages for certain classes of buildings that are offered by the Kelly Octopus Closet Fitting, manufactured by Thos. Kelly & Bro., Chicago, Ill. The claims cover joints that do not leak, perfect ventilation for each closet and economy of space.

METALLIC DOORS.

Architects generally have come to realize the advantages offered in building construction by the use of metallic doors and trimmings, but some are not acquainted with the developments which have come about in this field.

A catalogue just received from the Dahlstrom Metallic Door Company, of Jamestown, N. Y., shows what they have accomplished in the making of full metallic doors. The catalogue contains sections of doors and illustrations of the many styles of trim which they make. The New York office is at 299 Broadway, and information in regard to their product can be obtained either there or at the home office.

HEATING.

The various systems of heating now on the market afford the architect an opportunity of wide variation in choice to fit the requirements of any building that he may have under consideration. One that is gaining favorable notice is called Brommell's Vapor System of Heating, controlled by the Vapor Heating Company, North American Building, Philadelphia, Pa. Two principal claims are put forward for this system: first, economy of fuel by automatic regulation of the draft, depending upon the heat required, and second, close regulation of the heat given out by the radiator by means of their Vapor Radiator Valve.

GABRIEL REINFORCEMENTS.

Detailed information long withheld as to the Gabriel Complete Trussed bar, is now supplied in an attractive pamphlet of more than one hundred pages, which fully illustrates and describes the merits claimed for this form of reinforcement. Formulae, floor slab tables, safe live loads per square foot on truss bars of varying sizes, and also total loads per running foot are printed in comprehensive tabulations. There is also much valuable information for users of this form of

bar. The illustrations show many forms of completed structures, from the small residence to the large factory and warehouse, in which the Gabriel Complete Truss bar has been employed.

BUILDERS' SPECIALTIES IN HARDWARE.

The little things that complete the equipment of the finished building often receive the least attention. More especially is this true of dwellings.

It is along these lines that the Diehl Novelty Company of Sheboygan, Wis., caters to the need of the builder and owner. They issue a pamphlet in which is described hangers and fasteners for storm sash, reversible hinges and a most ingenious ventilating window lock. These little indispensables, so often overlooked, add vastly to the comfort of every day life.

A STRUCTURAL SLIDE RULE.

The Structural Slide Rule, manufactured and sold by the Slide Rule Club, box 12, Station J, New York, \$6.00, promises to materially lighten the labors of the ordinary structural designer. This rule has been in practical use in engineering offices for something more than a year, and has proven itself a highly satisfactory labor-saving device. The form of the rule is triangular, there being three distinct slides, one on each face, offering ready solutions of all the more common problems relating to the strength and design of beams, columns and numerical calculations in general. This instrument seems to mark an epoch in slide rule construction, as it is the first of the kind offering infallible mechanical solutions of many of the problems which constitute so much of the routine work in an engineer's office.

SOMETHING NEW IN ERASIVE RUBBERS.

The Joseph Dixon Crucible Company has just perfected a new erasive rubber which they have suggestively named Dixon's "Gem." The circular announcing this product to the trade contains the following:

"The new Dixon 'Gem' eraser is flawless—a soft, flexible eraser that feels good in the hand, and that quickly removes pencil marks without the slightest injury to the writing surface. Its pliable, velvety texture and its freedom from gritty constituents make it impossible for Dixon's 'Gem' to dig into the paper. Before doing so the rubber itself will yield." Draughtsmen will find this new Dixon rubber especially valuable for their work since the eraser removes pencil marks, but does not injure the drawing surface. It is particularly adapted to cleaning up drawings. "These erasers are the result of considerable experiment in the light of long experience. The finished product is worked up from the very best raw material, and as all the processes are completed in our own plant we know nothing is slighted."

EXTRA HEAVY GATE VALVES.

In a supplement to their 1907 catalogue, Jenkins Bros., of New York, Chicago, Philadelphia and Boston, illustrate a new series of gate valves designed to withstand a pressure of 250 pounds working steam pressure, and are also tested to 800 pounds hydraulic pressure.

The details of manufacture and the care that has been taken to safeguard against breakage and to meet the requirements of high pressure plants is fully set forth in this supplementary catalogue.

These gate valves are also furnished for superheated steam at pressures not exceeding 200 pounds, maximum superheat 150 degrees. These catalogues may, we are advised, be secured by addressing any one of the officers of this firm.

SHINGLE STAINS.

"The Book of 100 Houses" is the title of a pamphlet just received from Samuel Cabot, Boston, Mass. In this are shown all sorts of houses, from the small summer cottage to the imposing country house, on which Cabot's Creosote Shingle Stains have been used. Architects will be interested in the great variety of treatment with shingle stains that is illustrated in this book.

BRICK.

"That there is nothing new under the sun" is as old a saying as the idea it is intended to convey, but this does not preclude the possibility of presenting old designs and styles in an attractive modern manner. This is particularly well illustrated in the "Sketch Book" of the Philadelphia and Boston Face Brick Company, 165 Milk Street, Boston, Mass. In this are shown many different designs of brick mantles and fireplaces, many of them being modeled after famous European subjects. The bricks themselves follow some of the most artistic Greek and Renaissance designs. Over sixty illustrations of completed mantles are illustrated with designs of the brick used. The book can be secured on application to the company.

COAL AND WOOD CHUTES.

The Majestic Coal or Wood Chute, manufactured by the Majestic Furnace and Foundry Company, of Huntington, Ind., is designed to fill a demand for an opening through which wood or coal may be delivered to a basement coal bin without damage to window or building. The Majestic chute is made of heavy steel and cast iron and will undoubtedly withstand the severe usage given it by the most careless coal drivers when putting fuel in a basement. The door is supplied with a self-locking device so that the driver may close and lock the door from the outside, after making a delivery, but the door can be opened from the inside only. These chutes are made in three sizes, the smaller one adaptable to an ordinary residence, while No. 3 is suitable for large public buildings and factories.

CATALOGUES RECEIVED

Anchor Post Iron Works, 41 Park Row, New York City. Illustrated, fourteen-page leaflet, showing the advantage of their fence post and also of their new chain link wire fence.

Dahlquist Manufacturing Company, copersmiths, South Boston, Mass. Leaflet giving sizes and pressures of copper heating boilers that are regularly furnished. Special designs made as desired.

Building News

MASSACHUSETTS

BAR HARBOR.—It is said that this city is going to erect a new postoffice building this year at an expense of \$60,000, same to be two stories high and built of stone, steel and brick.

LYNN.—Plans by Wheeler & Betton, architects, 59 Exchange street, Lynn, are being considered for remodeling the City Hall at a cost of about \$50,000. Plans provide for new offices, new plumbing, lighting, etc. Thomas L. Porter is Mayor.

NORTHAMPTON.—Plans are reported as being prepared for the erection of a City Hall to cost \$200,000.

SPRINGFIELD.—It is said that Architect E. J. Parlett has prepared tentative plans for remodeling the Court House.

RHODE ISLAND

PROVIDENCE.—It is probable that the City Council will ask for competitive plans for two new school buildings.

CONNECTICUT

BRIDGEPORT.—According to reports, plans are being prepared for a brick and steel beef house to be erected on Water street for Schwarzschild & Sulzberger Company, at a cost of about \$75,000.

WATERBURY.—Messrs. Frank Bros. are reported to be contemplating the erection of a four-story apartment block on State street.

WILLIMANTIC.—It is reported that \$50,000 is available for the erection and furnishings at Willimantic Normal School of a model school building.

NEW YORK

BUFFALO.—A building permit has been issued for a new building for the General Hospital, to cost \$35,000.

FLUSHING, L. I.—Architect William H. Birkmerre, 306 Broadway, New York, is reported to be preparing plans for a five-story factory building (coffee essence) at Flushing, L. I., for Henry Franck Sons & Co., Lawrence street. Estimated cost, \$100,000.

MECHANICVILLE.—Jared S. La Dow, architect, is stated to have completed plans for a six-story theater and arcade building for Mechanicville, to cost \$70,000.

NEWBURGH.—The Board of Education of this city has adopted plans for the construction of a new grammar school, to be erected at Broadway and Robinson avenue. Architect is Frank E. Estabrook. The cost of the structure will be about \$75,000.

NEW YORK CITY.—It is said that the Charlton Contract Company has purchased a lot of 25.2x51, on corner Greenwich and Vandam streets. The old building on it now is to be torn down and a new one erected, seven stories high, to serve as a warehouse.

It is reported that William K. Vanderbilt has filed plans for a new residence to be erected at 47 and 49 East Fifty-second street. The building is to be seven stories high, and its cost is estimated

at \$150,000. The architects are Messrs. Warren and Wetmore.

Cram, Goodhue & Ferguson, 170 Fifth avenue, it is stated, submitted tentative plans for the new edifice for St. Thomas Church, to be erected at Fifth avenue and Fifty-third street, at a cost of about \$1,000,000. Rev. E. M. Stires, rector.

It is reported that Messrs. Lee and Fleischmann bought a plot of 53x114, on Broadway, adjoining the Hotel Breslin. The intention is to put up a sixteen-story office building. Plans are already being prepared.

OSSINING.—The Commission on New Prisons gives notice that the furnishing of designs, plans, specifications and estimates for construction of buildings for a new prison plant to take the place of Sing Sing Prison, is now open to public competition, under rules and regulations adopted by said Commission. The buildings are to be erected upon a site selected by the Commission on the west bank of the Hudson River near Iona Island. A copy of the rules and regulations may be had upon application to George McLaughlin, of the Commission, Capitol, Albany, N. Y. Architects desiring to enter this competition should signify their intention in writing, addressed to the Secretary, on or before February 15.

SYRACUSE.—It is stated that a two-story brick building, 225x157 feet, will be erected. The plans are being prepared by Archimedes Russell. Snow Building, and upon completion will be submitted to the State Board of Charities. The building will be owned by Onondaga County. M. D. Rubin, Grand Opera House Block, is a member of the commission.

NEW JERSEY

ATLANTIC CITY.—The City Business Men's League is said to have under consideration the erection of an auditorium costing about \$450,000, exclusive of site.

Mahlon W. Newton, proprietor of the Green Hotel, Philadelphia, Pa., it is stated, has had plans prepared for a hotel which he and others propose erecting in Atlantic City, in the Chelsea section.

BAYONNE.—Tuthill & Higgins, Jamaica, L. I., are said to have completed plans and will receive bids about February 15 for a two-story office building for Babcock & Wilcox Co., to be erected at Bayonne, N. J., to cost about \$75,000.

HACKENSACK.—John F. Kelly & Co., Postoffice Building, Passaic, N. J., are stated to have completed plans and will receive bids about February 15 for a two-story and basement school and lyceum building, 60x150 feet, to be erected at Hackensack, N. J., for the Holy Trinity parish, Rev. J. J. Cunneely, pastor. Estimated cost is \$50,000.

JERSEY CITY.—It is said that the Treasury Department is considering the purchase of a site on the Washington-York-Montgomery street block for the purpose of erecting a new postoffice. The amount appropriated is \$400,000.

NEWARK.—It is stated that Architect Hyman Rosensohn, 747 Broad street, has nearly completed plans for a three-story business college building at Waterloo place and Mott avenue, for the American Collegiate Institute, Jos. D. Sulsona, president, for Rockaway, Long Island, N. Y. Estimated cost, \$50,000.

TRENTON.—H. A. Hill, 40 East State street, Trenton, is reported to be preparing plans for a two-story school building for the Board of Education. It will be built of brick, stone and steel, with open plumbing, plate glass, tile work, electric fixtures and steam heat and ventilating systems. Cost, \$75,000.

PENNSYLVANIA

BETHEL.—Dwyer & McMahan are reported to have been commissioned to draw plans for the proposed new church to be erected in this place for St. Thomas parish, of which Rev. M. P. Bowie is the rector. The edifice will be built of stone, in a Gothic style, with slate roof. The plans will be completed soon, and it is expected that work will be started in the spring.

ERIE.—Plans are reported as being prepared by Architect Joseph Frank, Scott Building, for a hotel on State street for Michael Liebel.

PHILADELPHIA.—It is stated that business structures that will be started during the spring will include a five-story addition to the Schoenhut toy factory at Adams street and Boston avenue, to cost \$75,000. The Standard Hosiery Mills will also award a contract shortly for a group of buildings at Nos. 1310 to 1326 North Lawrence street, to cost \$150,000. The Fleischman Vienna Bakery will also expend \$100,000 in erecting a large plant on the site of the dwellings recently purchased at Twenty-first and Arch streets.

PITTSBURG.—The T. C. Jenkins estate, according to reports, has had plans prepared for a four-story brick store building to be erected at Penn avenue and Fifth street.

The Bernard Gloekler Company, 1127 Penn avenue, are reported to have decided to erect a ten-story fireproof building on Penn avenue, near Sixteenth street. No plans have been prepared, nor has type of building been decided upon. The building will cost about \$100,000.

Regarding the proposed construction of the West Penn Hospital, it is stated that the Building Committee has selected several architects to submit competitive plans for the new hospital buildings. The names of the architects have not been made public as yet and may not be until after the plans have been submitted, some time in March next. It is estimated that the hospital buildings will cost \$500,000. Colonel A. J. Logan, Twentieth street and Liberty avenue, Pittsburg.

WILLIAMSPORT.—It is stated here that plans are being prepared by Architect George W. Kramer, 1 Madison avenue, New York, for a church to cost \$100,000.

OHIO

AKRON.—The Board of Education of this city invites bids for the erection and completion of the proposed Portage Path School. Proposals will be received until 12 o'clock noon, of March 3, 1908, at the office of the Clerk in the High School Building. Plans and specifications can be seen on file in the office of the Clerk of the Board or at the office of Harpster & Bliss, architects, 56 Central Savings and Trust Building, Akron, O.

CINCINNATI.—Bids are asked until February 17 by the Board of Education, William Grautman, Clerk, City Hall, for constructing the three-story Hughes High School building, 272x192 feet, on McMullan street, from plans by J. Walter Stevens, architect, New York Life Building, St. Paul, Minn. Press brick, Bedford stone, terra cotta and reinforced concrete will be used in construction. Cost, \$750,000. Edward Hannaford, Pickering Building, Cincinnati, is Heating and Ventilating Engineer.

Hayward & Cordes, investment architects, it is stated have purchased a site on Ludlow and Brookline avenues, Clifton, on which it is proposed erecting an apartment house costing about \$100,000.

Des Jardins & Sheblessy, 18 East Fourth street, are stated to have been retained to prepare plans for a two-story brick school building, 125x150 feet, on Queen City avenue, for St. Bonaventura congregation, on premises. Cost, \$75,000.

WARRENSVILLE.—The Board of Public Works has asked the city for an appropriation of \$78,000 for additional improvements at the Cooley farm, Warrensville.

INDIANA

INDIANAPOLIS.—It is reported that the erection of a new school building in Cerealinatown was definitely decided on at a recent meeting of the city School Board. The building will be constructed at Twenty-first Street and Sugar Grove Avenue, at the corner of Germania Park, and will contain probably ten rooms. It will cost approximately \$50,000, and is expected to be ready for occupancy by the beginning of school next fall. Blaine H. Miller is City Engineer.

ILLINOIS

CHAMPAIGN.—Reports state that plans are being prepared by James K. Sebree for the erection of a hotel at 110 Madison street, to cost \$800,000.

Architect Thomas H. Mullay, Monadnock Block, 98 Jackson boulevard, is reported about to let contracts for a factory to be built at 881 North Ashland avenue for the Illinois Show Case Works. It will be four-story, 75x100 feet, of mill and brick construction, and will cost \$50,000.

Reports announce a new amusement park for Chicago. It will be located at Forrest Park (formerly Harlem). Twenty-two acres of land have been secured and nearly \$1,000,000 will be expended in the construction of the new enterprises.

It is reported that plans are being prepared by Perley Hale, architect, 132 South Clark street, for a thirty-apartment building for Joseph C. Blaha, 2001 West Twelfth street. Cost, \$80,000. Bids will be received by owner.

An appropriation of \$1,160,000 for the erection of several school buildings has been recommended by the school committee of the council. It also was recommended that \$405,000 be appropriated for the completion and equipment of schools now in use. The schools to be built are as follows: Erie School, Hermitage avenue and West Sixty-first street, \$150,000; Fulton School, Hermitage avenue and West Fifty-third street, \$140,000; Jefferson School, Elburn avenue and Lafin street, \$130,000; Raster School, Wood and West Seventieth streets, \$50,000; Tilton School, West Lake street and Forty-fourth avenue, \$230,000; Carl Schurz School, Forty-first court, Irving Park, \$250,000; New Trumbull School, Andersonville, \$210,000. Appropriations for equipment were made for the following schools: Bowen School, \$100,000; Dante School, \$50,000; Healy School, \$30,000; Jackson School, \$15,000; Nobel School, \$35,000; Washburn School, \$175,000. The appropriations had been requested by the Board of Education.

Reports state that an apartment building to cost \$400,000 is to be erected on Lake Shore drive. Marshall & Fox, 164 Dearborn street, are architects.

WISCONSIN

MADISON.—Sealed bids will be received at the office of the Secretary of the University of Wisconsin at Madison for the entire construction of the Women's Building up to 10 a. m., March 2, 1908. Plans and specifications may be seen at the office of the architect in the Law Building of the university.

MISSOURI

JOPLIN.—According to reports received, the Galena Lodge, No. 266, Fraternal Order of Eagles, is contemplating the erection of a new club building, to cost about \$35,000. The structure will be entirely of steel and concrete, four stories high.

KANSAS CITY.—Architects Sheppard and Farrar, 208 Minor Building, are reported as preparing plans and will receive bids for a six-story factory building for the Loose, Wiles Candy Company, to cost \$150,000.

MILO.—Reports state that a bank has been organized by local parties with \$100,000 capital. A new building will be erected soon. The following interested: Judge R. J. Dale, A. J. Earle, J. J. Cox, John Hamlin and J. A. Wilson.

NEVADA.—James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., has rejected all bids recently received for a postoffice building at Nevada, Mo., and will readvertise for bids.

ST. JOSEPH.—Mgr. Linnenkamp, pastor of Immaculate Conception Church, Tenth and Angelique streets, will donate upwards of \$25,000 for a new church, and it is expected that the congregation will add a sufficient sum to erect a \$75,000 edifice. The new church will probably be located on the Messanie street side of the church property.

ST. LOUIS.—A building permit has been granted to the Washington University Corporation, to rebuild its building on Locust street, which was damaged by fire a few weeks ago. The cost of the building will be \$30,000.

It is stated that bids are being received for the construction of bachelor apartments which will be built, at a cost of \$100,000, for the Bachelor Building Company, Lincoln Trust Building, St. Louis. The structure will have seven stories and will be 65x65 feet and 76 feet high. W. Rus Samuel Construction Co., Times Building, St. Louis, is architect and builder.

IOWA

DES MOINES.—The Still College of Osteopathy, M. Runnells, president, contemplates the erection of a hospital building to cost \$50,000.

FORT DODGE.—A syndicate headed by Fred Larrabee is said to contemplate the erection of a packing plant to cost \$1,000,000.

SIoux CITY.—The Board of Directors of the Sioux City Brewing Company are said to be considering plans for improvements which will aggregate \$100,000.

MINNESOTA

MINNEAPOLIS.—According to reports, the fire department committee of this city has voted the issuance of \$100,000 of bonds to be expended for the construction and equipping of new engine houses.

The University of Minnesota will erect a building for the College of Engineering, to cost \$250,000. A party of instructors have been inspecting such buildings elsewhere to secure ideas for use in the new structure.

ST. PAUL.—It is reported that a ten-story hotel, costing \$1,000,000, and a fifteen-story office building, costing \$300,000, will be erected in the near future. Plans have been prepared by Mark Fitzpatrick and submitted to Isaac T. Cook, the representative of the St. Paul people.

It is stated that plans are being prepared by Buechner & Orth, architects, Manhattan Building, St. Paul, for constructing a four-story pressed brick and cut stone, reinforced concrete fireproof department store for the Hamm Brewing Company. It will be 144x300 feet, having steam heating, electric lighting and paving, two electric passenger elevators. Cost, \$250,000.

NEBRASKA

ARLINGTON.—It is said that I. P. and E. D. Hicks, architects, have plans for a modern three-story brick residence for B. H. J. Jungbluth, of Arlington. Cost, \$20,000.

LINCOLN.—The Quarterly Conference made some changes in the plans for the proposed Methodist church to be built at University place. The cost of the new church will be reduced to not over \$70,000, which puts it at a figure that bids for its erection may be asked for as soon as the architects are able to make the necessary changes in the plans and get out the specifications.

NORTH PLATTE.—It is reported that local capital is to build a modern \$50,000 hotel here this year. Plans are now under consideration and it is expected that work will be begun early in the spring.

KANSAS

GALENA.—Reports state that the Sunflower Glass Company's plant at Coffeyville, recently burned at a loss of \$700,000, will be rebuilt.

FALUN.—The Falun State Bank has purchased a lot in Falun and, it is said, will erect a handsome brick building in the spring.

TOPEKA.—Sealed proposals will be received by the State Board of Control, this city, until 2 o'clock p. m., on Thursday, February 27, 1908, for a new Custodial Building at the Kansas School for Feeble-Minded Youth, at Winfield, Kan.; on Friday, March 6, 1908, for a new laundry building for above institution; also, at same time, two brick annexes to the East Building for male patients at the Topeka State Hospital, Topeka, Kan. Plans have been prepared by John F. Stanton, State Architect.

COLORADO

DENVER.—Mr. Allertius W. Headquist is said to have purchased four lots between Seventeenth and Eighteenth avenues, with the view to erecting on them an apartment house, to cost about \$40,000.

WYOMING

ABERDEEN.—The Knights of Pythias are stated to have closed negotiations for a corner lot on First and North G streets, upon which they will erect a fine hall with all modern improvements and accommodations.

MONTANA

HELENA.—The building committee of the new Catholic cathedral has adopted the plans prepared by Architect A. O. Van Berculis of Washington, and has decided to advertise for bids for its construction, to be opened March 17. On the same date bids will be asked for the construction of the new Catholic high school.

MARYLAND

BALTIMORE.—It is stated that James P. Shannon Hotel Company, E. P. Herbert, manager, will remodel Eutaw House, corner Eutaw and Baltimore streets, at a cost of about \$75,000; improvements to consist of new interior construction, painting and decorating, installing electric elevators, telephone system, new furniture, etc.

DISTRICT OF COLUMBIA

WASHINGTON.—The following firms have been designated by the International Bureau of American Republics to submit bids for the new building which is about to be constructed for the bureau at the corner of Seventeenth and B streets: George A. Fuller Company, Washington, D. C.; Richardson & Burgess, Washington, D. C.; James L. Parsons, Washington, D. C.; Newman & Smith, Washington, D. C.; the Noel Construction Company, Baltimore, Md.; Wells Brothers Company, Baltimore, Md.; J. E. and A. L. Pennock, Philadelphia, Pa.; Cramp & Co., Philadelphia, Pa.; Thompson-Starrett Company, New York City; James Stewart & Co., New York City; J. C. Vreeland Building Company, New York City; Tidewater Buildings Company, New York City; the Norcross Brothers Company, Worcester, Mass. The architects of the building, Messrs. Albert Kelsey and Paul P. Crest of Philadelphia, Pa., have nearly completed the plans and specifications, which will be placed in the hands of the contractors within the next ten days. It is expected that bids will be submitted

inside of thirty days and that the actual construction will commence in sixty days.

A new building for the Supreme Court of the United States, to cost \$8,000,000, and to be situated on the corner opposite the Library of Congress, where the Congressional apartment house now stands, is provided for in a bill lately introduced in Congress. James Knox Taylor is Supervising Architect, Treasury Department, Washington.

The United States Senate has passed a bill authorizing the Commissioners of the District of Columbia to accept the gift of Andrew Carnegie to construct a branch library in Takoma Park, at a cost of \$30,000.

Plans for two proposed sixteen-room and one twelve-room school buildings have been completed, and bids will soon be invited; structures to cost about \$100,000. Address Building Inspector, District Building.

KENTUCKY

BARBOURSVILLE.—It is said that the Barbourville Baptist Institute, controlled by Southern Baptist Convention, will have plans prepared for erection of two dormitories to cost between \$40,000 and \$50,000; Henry L. Pitman, president.

John A. Black, president of the National Bank of John A. Black, and associates, is said to have had plans prepared for erection of three-story brick and stone hotel; contract has not been awarded.

CALHOUN.—A new court house is likely to be built at an early date, to replace the one destroyed by fire at Calhoun, McLean County.

PADUCAH.—It is reported that the Trimble Street Methodist Church will erect an edifice at a cost of \$25,000. Address the pastor, Trimble Street Methodist Church.

TENNESSEE

KNOXVILLE.—It is reported that the Auditorium Company has been granted a permit to erect an annex to their building on Gay and Main streets. The cost of the addition will be \$50,000.

MEMPHIS.—The Y. M. C. A. has adopted plans by John Gaisford, Randolph building, Memphis, for erection of building on a site, 90x150 feet. Cost, about \$162,000. It is expected that contract will be open for bids within one month. E. B. Lemaster is Chairman of Plans Committee. John H. Pepper, H. M. Pilcher and others are directors.

NASHVILLE.—The Watuga Club are reported to have had plans prepared by Carpenter & Blair for erection of proposed clubhouse. It is stated that structure will be either of reinforced concrete and steel or brick and stone, eight stories high, and will cost about \$125,000.

NORTH CAROLINA

GREENSBORO.—It is stated that the State Normal and Industrial College will erect science building; plans by Hook & Rogers, Charlotte, N. C.; central wing, costing \$50,000, is to be erected first; later, \$50,000 will be expended in further construction; date of opening bids not decided. J. L. Foust, president.

SOUTH CAROLINA

COLUMBIA.—According to reports received, the building of a new hotel is under consideration. Same will cost about \$40,000 and work on it will be started during the present year. The First Methodist Church is also contemplating the building of a new church at a cost of \$30,000.

GEORGIA

AUGUSTA.—A new City Hall will be erected at an expense of \$150,000. It is expected that work will be started this year, and that the completion will require three years.

ATLANTA.—It is reported that work will soon be commenced on a new eight-story apartment house to be erected at Porter place and West Peachtree. Messrs. B. A. Pugin & Son are the architects. Cost of the building, \$95,000.

SAVANNAH.—According to reports a temple will be erected in this city by the Masonic Temple Association to cost about \$150,000. A. B. Simpson is president.

MISSISSIPPI

FORREST COUNTY.—Reports state that Forrest County has engaged William S. Hull, Jackson, Miss., to prepare plans for jail; three-story; cost about \$40,000; T. E. Batson, Hattiesburg, Miss., Clerk of Chancery Court.

OKLAHOMA

MUSKOGEE.—Plans are being considered for the erection of a public building, to serve as quarters for the postoffice, courthouse and other government offices, at a cost of \$200,000. Address Thomas P. Gore.

ARKANSAS

LITTLE ROCK.—It is reported that plans are being prepared for an addition to be built to Hotel Marion at an estimated cost of \$125,000.

TEXAS

AUSTIN.—Money is coming in rapidly for the erection of a \$75,000 Y. M. C. A. building at the university.

HOUSTON.—James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., has rejected all bids recently received for the construction of an extension to the postoffice at Houston, Tex., and will readvertise for bids on extended plans. The lowest bid was submitted by James A. McGonigle, Leavenworth, Kan., at \$277,870. Noted fully on January 23.

According to reports the Houston ship channel will be enlarged by the erection of a grain elevator with a capacity of 1,000,000 bushels, to cost \$500,000. Edward Kennedy, of Houston, Tex., and Frank Kaucher, of Minneapolis, Minn., are interested.

It is reported that Jesse H. Jones, of Houston, has accepted the plans of Stone Bros., of New Orleans, La., for a fireproof theatre, which is to be erected for the Greenwall theatrical circuit at a cost of \$100,000.

SAN ANGELO.—According to reports received, the erection of a new opera house, to cost about \$65,000, is under consideration. Mr. Carl Boller, an architect of Kansas City, is drawing the plans.

UTAH

OGDEN.—It is reported that a resolution has been adopted by the Board of Education to issue bonds to the amount of \$90,000 for the purpose of erecting a new high school. With the funds on hand the board will have in the neighborhood of \$125,000 for the new building.

CALIFORNIA

OAKLAND.—It is stated that bids will be received in April for constructing a seven-story fireproof reinforced concrete Y. M. C. A. building, 84x160 feet, to cost \$250,000. The equipment will cost \$30,000. Howard & Galloway, 604 Mission street, San Francisco, Cal., are architects. W. A. Horn is General Secretary, Y. M. C. A.

SAN FRANCISCO.—The United Building Syndicate is reported to have applied for a permit to erect a four-story at the northeast corner of Geary and Stockton streets, to cost \$75,000, and the R. P. Keating estate for one to build a three-story apartment house on Ellis street, near Powell, to cost \$98,000.

WASHINGTON

SEATTLE.—F. H. Perkins, architect, is reported to have plans for an apartment building for F. J. Tetzner, to be erected on Capitol Hill, to cost \$50,000. Bids will be taken at once.

CANADA

SASKATOON, SASK.—Press reports state that the Dominion government has started excavating and will shortly call for tenders for the erection of a \$100,000 post-office and custom-house here. Fred. Gelinis is Secretary of the Department of Public Works, Ottawa, Ont.

It is stated that Sawyer & Massey Company, Hamilton, Ont., will erect an office and warehouse in Saskatoon, Sask., at a cost of about \$130,000.

TORONTO, ONT.—It is reported that the First Church of Christ has purchased a site upon which to erect a church to cost approximately \$150,000. F. B. Robbins is interested.

The James Morrison Brass Manufacturing Company, 89 Adelaide street, West, are

reported to be making arrangements for the erection of a fully modern steel warehouse and office building, to cost approximately \$80,000.

Plans are being prepared for the proposed school board offices and the York street school. Cost, \$110,000. R. T. Coady is Clerk.

VANCOUVER.—The Grand Trunk Pacific Railway Company is having plans prepared in Montreal for a hotel to be erected at Prince Rupert, at a cost of approximately \$1,250,000. F. W. Morse is General Manager, Montreal, Que.

WINNIPEG, MAN.—H. C. Stone, architect, Bank of Toronto Building, is said to be preparing plans for a theatre building to be erected here in the spring for a local syndicate. Estimated cost, \$100,000. William Mackenzie, president of the Canadian Northern Railway Company, states that bids will be let before April 1 for erection of a union depot and hotel for the Canadian Northern and Grand Trunk Pacific Railways. M. H. McLeod is general manager, Winnipeg, Man.

POSITIONS WANTED.

ARCHITECTURAL ENGINEER.—Clever designer, experienced in fireproof and non-fireproof construction, disposing few hours daily, offers services to architects requiring only temporary assistance for structural steel plans, foundations, general specifications, complicated alteration work; conscientious work, with best results, and moderate compensation. Call up 2279 38th, or address "Steel," care American Architect. (1676-1677)

ARCHITECTURAL draftsman, well up in architectural engineering, thoroughly familiar with construction and designing in either steel, concrete, wood or masonry, well posted on plumbing, heating and ventilating, fair designer, years of experience with all classes of buildings and knowledge of mechanical engineering, desires permanent and responsible position with a good firm; at present employed by a leading architect of the Pacific coast. Address 8-A, care American Architect. (1676-1678)

ARCHITECT of 20 years' practical experience in the largest Eastern cities, wishes to make change to the Pacific coast, Seattle preferred; thoroughly familiar with all types of public and domestic work, and able designer; would accept charge of office or partnership. Address "Pacific," care American Architect. (1677-1680)

OFFICE MANAGER.—Man of technical education, with large experience on important architectural work in New York, desires a position, with an opportunity to partnership; would attend to all branches of work, except design and decoration; is familiar with all financial and business matters pertaining to architecture. Address "Opportunity," care American Architect, New York. (1677-1678)

ARCHITECTURAL draughtsman, American, strictly temperate, desires engagement; nine years' experience on fine city and country work with prominent architects; very good on complete working drawings from sketches, fireproof and non-fireproof buildings, competition work, plumbing plans; moderate compensation; go anywhere. Address 8-B, care American Architect. (1677)

REPRESENTATIVE WANTED.

WANTED.—A New York representative, by a concern manufacturing architectural bronze and brass; one who is at present established in some allied line, and in touch

with architects and contractors; commission basis; state experience. Address 2-A, care American Architect. (1672-t.f.)

PROPOSALS.

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 28, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. on the 10th day of March, 1908, and then opened, for the construction of an extension, remodeling, etc. (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office and Court House at Greenville, South Carolina, in accordance with drawings and specification, copies of which may be had at the office of the Custodian at Greenville, South Carolina, or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1676-1677)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 27, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. on the 8th day of March, 1908, and then opened, for the construction (complete except lift) of the extension to the U. S. Court House, Post Office, etc., at Rochester, New York, in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Custodian at Rochester, New York, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1676-1677)

NOTICE TO ARCHITECTS.

The Commission on New Prisons gives notice that the furnishing of designs, plans,

specifications and estimates for the construction of the buildings for a new prison plant to take the place of Sing Sing Prison is now open to public competition, under rules and regulations adopted by said Commission. Said buildings are to be erected upon a site selected by said Commission, on the west bank of the Hudson River, near Iona Island. A copy of such rules and regulations may be had upon application to the Secretary of the Commission, George McLaughlin, Capitol, Albany, N. Y.

Architects desiring to enter this competition should signify their intention in writing, addressed to the Secretary, on or before February 15, 1908.

CHARLES F. HOWARD, M.D.,
CORNELIUS V. COLLINS,
SAMUEL J. BARROWS,
ELISHA M. JOHNSON,
THOMAS W. HYNES,

Commissioners.

January 23, 1908. (1676-1677)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 30, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. of the 20th day of February, 1908, and then opened, for metal shelving in various vaults in the U. S. Custom House at New York, N. Y., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Architect, 11 East 24th Street, New York, N. Y., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1677-1678)

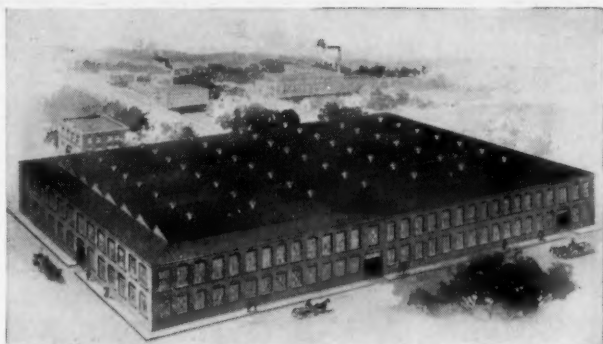
Treasury Department, Office of the Supervising Architect, Washington, D. C., January 27, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. on the 12th day of March, 1908, and then opened, for the construction (complete, except lift) of the extension to the U. S. Court House, Post Office, etc., at Rochester, New York, in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Custodian at Rochester, New York, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1677)

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 6, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. on the 17th day of March, 1908, and then opened, for the installation of a conduit and electric wiring system for the U. S. Court House, Post Office, etc., building at Los Angeles, Cal., in accordance with drawings and specifications, copies of which may be had at this office, or at the office of the Superintendent of Construction, Los Angeles, Cal., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1677-1678)

Monumental Staircases

40 Gelatine Plates, on bond paper 9"x11". In envelope. Price, \$5.00

THE AMERICAN ARCHITECT
Publishers



Warwick Mills, Centerville, R. I., using 46 30-inch Burt Ventilators.

Burt Ventilators are installed on saw tooth roofs of The Grinnell Mfg. Corporation, New Bedford, Mass., 33 30-inch; Indiana Union Traction Co., Anderson, Ind., 36 18-inch; Jones & Lamson Machine Co., Springfield, Vt., 80 20-inch; Yale & Towne Mfg. Co., Stamford, Conn., 20 18-inch Burt Ventilators.

have the greatest ventilating power of any. They are made from the very best of material, strongly braced and will give lasting service; made with Metal or Glass Tops as desired, provided with Patent Sliding Sleeve Damper, Storm and Dust Proof, open or shut, and adjustable to any degree of opening. Can be furnished with fusible link connection to close damper automatically in case of fire.

Send for our new eighty-page catalogue, giving fine illustrations of Mills, Factories, Shops, Foundries and Residences where Burt Ventilators are in successful use.

The Burt Mfg. Co., 550 Main St., Akron, Ohio.

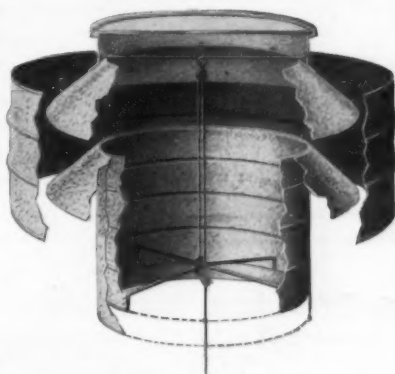
The Largest Manufacturers of Oil Filters and Exhaust Heads in the World.

Workmen Are Never Drowsy

where ventilation and light are good. Therefore more good work is the result.

The saw tooth roof is the best roof for good lighting—and along the ridge of each roof is a row of Burt Ventilators, put there for good ventilation, which is as necessary (if not more so) than daylight.

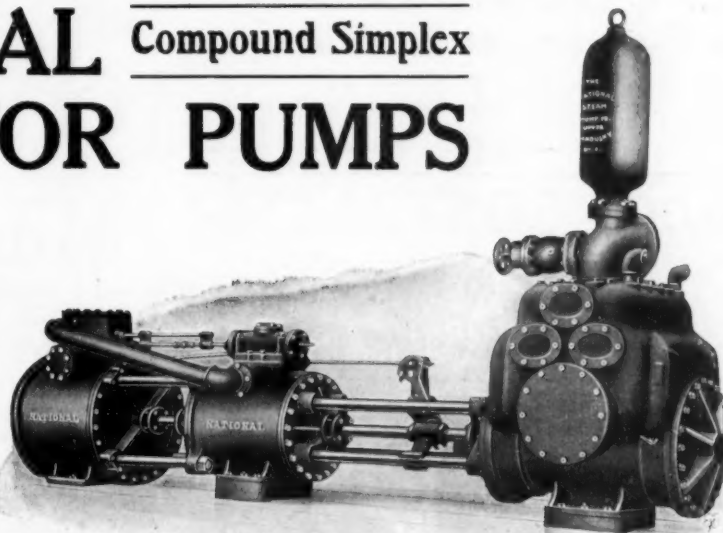
Burt Ventilators



Notice Sliding Sleeve Damper. Patented.

NATIONAL Compound Simplex ELEVATOR PUMPS

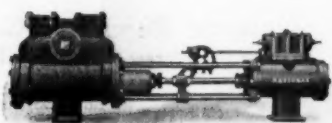
are twenty to thirty per cent. more economical in STEAM CONSUMPTION than DUPLEX of equal capacities.



22 and 36 x 20 x 24 COMPOUND ELEVATOR PUMP

We also build a complete line of BOILER FEED, GENERAL SERVICE and VACUUM PUMPS

Let us figure with you on future installations.



6 x 8 x 12 VACUUM PUMP

The National Steam Pump Co.
UPPER SANDUSKY, OHIO, U. S. A.

STANLEY'S BALL BEARING HINGES

In WROUGHT BRONZE and STEEL

Never Wear Down. Never Creak. Never Require Oiling.

The improved washer protects the balls against moisture and dust. For Sale by Leading Hardware Dealers.

Attractive Literature for the asking

THE STANLEY WORKS
NEW BRITAIN, CONN. NEW YORK CHICAGO

MASON SAFETY TREADS

For Stairs, Wood, Iron, Marble or Cement, new or old
HUNDREDS OF THOUSANDS IN USE

American Mason Safety Tread Co., Boston

J. S. THORN CO.

ARCHITECTURAL SHEET METAL WORKS

Manufacturers and Erectors of Ventilating Skylights, Fireproof Window Frames and Sash, and Opening Fixtures to operate Ventilating Sashes.

Nos. 1223-33 Callowhill St., PHILADELPHIA, PA.

ELECTRIC SIGNALS For Passenger Elevators

ELEVATOR SUPPLY & REPAIR CO.

136 Liberty St., NEW YORK

34 W. Monroe St., CHICAGO

25,000 CONTRACTS

would be considered a good record. We have lighted over that number of Churches alone in all parts of the world. A pretty sure guarantee of satisfactory work. Correspondence invited.

I. P. FRINK, 551 Pearl Street, New York

ESTABLISHED 1868

THE "HAYES" METALLIC GLAZED STRUCTURES

SKYLIGHTS FIRE PROOF WIRE GLASS WINDOWS

71-8TH AVE. NEW YORK

METAL LATHINGS ETC.

1908 IS THE 65TH YEAR
of the use of

Buck White Lead

by succeeding generations of the American people.
(Is the evidence convincing?)

Manufactured with improved machinery and original formula by
SAMUEL H. FRENCH & COMPANY
PAINT AND VARNISH MANUFACTURERS
Established 1844 PHILADELPHIA, U. S. A.

LOOMIS FILTERS

Established 1880

Improved System Simple and Effective
LOOMIS-MANNING FILTER CO.

Main Office:

828 Land Title Bldg., Broad and Chestnut Sts., Philadelphia
Boston New York Baltimore Washington

Corrugated Concrete Pile Co. of America

34 West 26th Street, New York

LICENSEES

CHICAGO—Alling Construction Co. BOSTON—William L. Miller. BALTIMORE—The Engineering-Contracting Co.



VAILE & YOUNG'S
Patent Metallic Skylights
WITHOUT PUTTY

Construction adapted to all forms and styles of Skylights. Thousands of feet in use have proved its superiority. Particularly adapted for Depots, Mills, Factories, etc., where large and continuous lights are required.

Send for Illustrated Catalogue.

210 N. Calvert St., Baltimore, Md.

Mineral Wool

FIRE, SOUND and VERMIN PROOF INSULATOR
SAMPLES AND CIRCULARS FREE

U. S. MINERAL WOOL CO., 140 Cedar St. NEW YORK

THERMOSTATS

The Most Efficient

THERMOSTAT

for the automatic control of direct or indirect heat. Write for list of installations and new catalogue

National Regulator Co.
334 Dearborn Street, CHICAGO, ILL.

Eastern Office:—National Regulator Co.,
1135 Broadway, New York.
Pacific Coast:—Machinery & Electrical Co.
Los Angeles, California.

SENSITIVENESS

SIMPLICITY

EFFICIENCY

SEATS OF THE COLONISTS

PART I.—Photographs and measured drawings of Chipendale furniture, together with descriptive text.



Price, - \$5.00

THE
AMERICAN ARCHITECT
12 West 40th Street, New York



Artistic, Appropriate Metal Ceilings

FOR ALL KINDS OF ROOMS

From the massive and elaborate effects frequently required in Public and Business Buildings, to the simpler and less obtrusive designs, suited for residence purposes, ample selection is afforded in the wide range of styles and patterns available in

BERGER'S "CLASSIK"

The most complete line of artistic steel ceilings in existence.

YOU SHOULD HAVE OUR CATALOG ON FILE. Write for it
—TO-DAY. Ask for D9.

THE BERGER MFG. CO., Canton, O.
New York Boston Philadelphia Chicago St. Louis
 Minneapolis San Francisco Atlanta

SPECIALTIES: Ceiling, Roofing, Siding, Tin Plate, Fireproofing
Steel Furniture, Etc.

"An Ounce of Sight is Worth a Ton of Print"

THE HOME SHOW

May 2 to 9, Inclusive, at
Grand Central Palace
NEW YORK CITY

☛ The only opportunity offered this year to exhibit every conceivable article used in building, furnishing and equipping the home.

☛ Architects and Builders are being cordially invited to attend the Home Show as guests of the management.

SPACE NOW BEING ALLOTTED

For Full Information Address

THE HOME EXHIBITS CO. (Inc.)

52 Broadway, New York

or Grand Central Palace

UNIVERSITY OF PENNSYLVANIA SCHOOL OF ARCHITECTURE

FOUR-YEAR COURSE. (*Degree B. S. in Arch.*) (Architectural engineering may be taken in lieu of advanced design, etc.)

GRADUATE YEAR. (*Degree M. S. in Arch.*) (Allowing specialization in design or in architectural engineering, etc.)

SPECIAL COURSE OF TWO YEARS. (*Certificate*) (For qualified draughtsmen; affording option in architectural engineering.)

COMBINED COURSES IN ARTS AND ARCHITECTURE, by which A. B. and B. S. in Arch. may be taken in six years.

COLLEGE GRADUATES granted advanced standing.

SUMMER COURSES in elementary and general subjects through which advanced standing may be secured.

For full information address: DR. J. H. PENNIMAN, Dean, College Hall, University of Pennsylvania, Philadelphia, Pa.

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICH.

DEPARTMENT OF ARCHITECTURE

Four-year course in Architecture and in Architectural Engineering. Draftsmen and others adequately prepared are admitted as special students. For Bulletin describing work, address Dean of Department of Engineering.

WASHINGTON UNIVERSITY

ST. LOUIS, MO.

offers a four year course in Architecture leading to the B. S. Degree. Admission by examination or by diploma or certificate from schools of good standing. Qualified draughtsmen admitted as special students.

For information apply to the Department of Architecture, Washington University.

THE SOCIETY OF BEAUX-ARTS ARCHITECTS

has established

A FREE COURSE OF STUDY

open to draughtsmen and students of any city, modeled on the general plan pursued at the Ecole des Beaux-Arts in Paris, and comprising frequent problems in Orders, Design, Architecture, etc.

For information apply to the Secretary of the Committee on Education, 3 East 33d St., New York City.

UNIVERSITY OF ILLINOIS

Four-year professional courses in Architecture, in Architectural Engineering and in Architectural Decoration. Special courses for draftsmen and constructors. Excellent library and equipment. University fees nominal.

Department of Architecture

W. I. PILLSBURY, Registrar, URBANA, ILL.

"NORMAN MONUMENTS OF PALERMO"

BY ARNE DEHLI

Illustrated with 50 Plates, 13"x17".
Price, bound, \$10.00. Unbound, \$9.00.

The American Architect, Publishers

J. W. TAYLOR'S Photograph Series of American Architecture

324 Dearborn Street, CHICAGO, ILL.

PERSPECTIVES RENDERED

In Pen-and-Ink and Water Color

WALTER M. CAMPBELL
8 Beacon Street Boston, Mass.

E. ELTON DEANE

Architectural Colorist and Draughtsman
63 Seymour Building, Fifth Ave. Cor. 42d St.
NEW YORK CITY

FREDERICK B. WIRT PERSPECTIVES

84 Adams St., Care Chicago Arch'l Club, CHICAGO, ILL.

THE MONUMENT POTTERY COMPANY

MANUFACTURERS OF PORCELAIN PLUMBING GOODS
and VITREOUS WARE SPECIAL GOODS MADE TO ORDER

—WRITE US FOR OUR COMPLETE ILLUSTRATED CATALOGUE—

TRENTON, N. J.,

U. S. A.

Boston Copper Range Boilers

BY TEST THE BEST

We make four grades of Tank Pressure Boilers, thus enabling you, Mr. Architect, to specify any quality desired. Pressure Boilers up to 400 pounds. All guaranteed.

Architects write

DAHLQUIST MFG. CO.

SO. BOSTON,
MASS.

THE CUTLER MAILING SYSTEM

THE NEW CHUTE AT A NEW PRICE

WHILE MODEL C REMAINS THE BEST MAIL CHUTE THAT CAN BE MADE, INCREASED AND IMPROVED FACILITIES AND SIMPLIFIED DESIGN ENABLE US TO PRODUCE THE NEW MODEL F CHUTE AT A SUBSTANTIAL REDUCTION IN COST.

A FULL INFORMATION AND ESTIMATES UPON APPLICATION TO THE SOLE MAKERS.

Infringers are being prosecuted.

THE CUTLER MFG CO., ROCHESTER, NEW YORK

• THE L. SCHREIBER & SONS CO. •

STRUCTURAL STEEL  CINCINNATI  ORNAMENTAL IRON

BRANCH OFFICES NEW YORK • CHICAGO • PITTSBURG • ATLANTA • NEW ORLEANS • SAN FRANCISCO • RICHMOND

EXPERT PHOTOGRAPHY

ARCHITECTURAL AND ARTISTIC SUBJECTS

THE AMERICAN ARCHITECT (Photographic Department), 12 W. 40th St., N. Y.

LUFKIN STEEL TAPES

Are Indispensable for Accurate Work

Made in all styles and sizes for all classes of work
Send for catalog**THE LUFKIN RULE CO.**Saginaw, Mich., U. S. A.
New York London, Eng.
Windsor, Can.**"THE LIBRARY OF CONGRESS"**

20 Plates, folio. Price, \$5.00

THE AMERICAN ARCHITECT, Publishers,
Platiron Building, New York**Vellum Tracing Paper**is Waterproof, Very Tough and **Extremely Transparent**, and is perfectly adapted on both sides to Ink, Pencil and Water Colors.**Guaranteed not to Deteriorate**

Beware of Imitations (for several very good reasons). GENUINE VELLUM is encased in

Large Convenient TubesSOLD BY LEADING DEALERS EVERYWHERE
Favor, Ruhl & Co., New York and Chicago Distributors.
Eugene Dietzgen Co. Sterling Vellum is same product.

MADE BY

CARDINELL - VINCENT CO.,
OAKLAND, CAL.

SAMPLES CHEERFULLY SENT ON REQUEST



A granite building is a fitting expression of the taste and means of the corporation that occupies it. An "imitation" cannot satisfy, and a "soft-stone" cannot last.

Woodbury Gray Granite is a light gray, mottled stone suitable for massive, dignified and permanent construction. See the Cook County Court House, Chicago.

Hardwick White Granite is the whitest granite known. See the Wisconsin State Capitol.

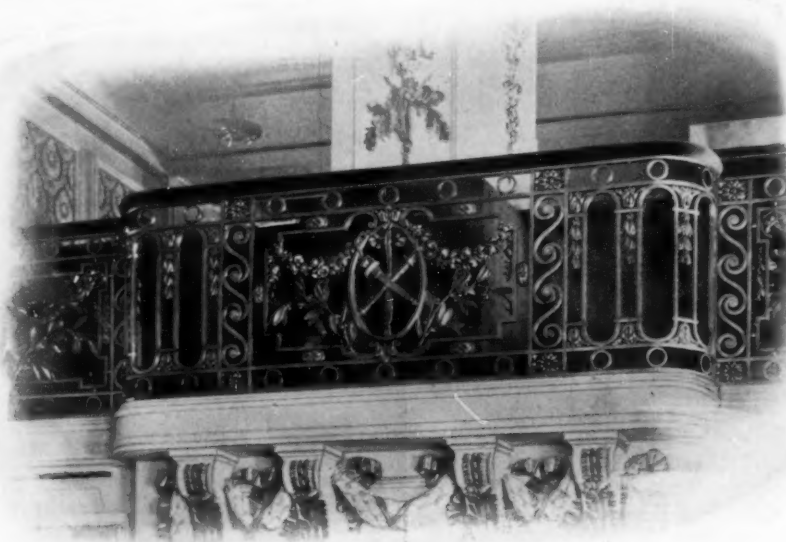
Woodbury Granite Company

Hardwick, Vermont

MR. GEORGE H. BICKFORD, General Manager

Chicago: 832 Monadnock Block

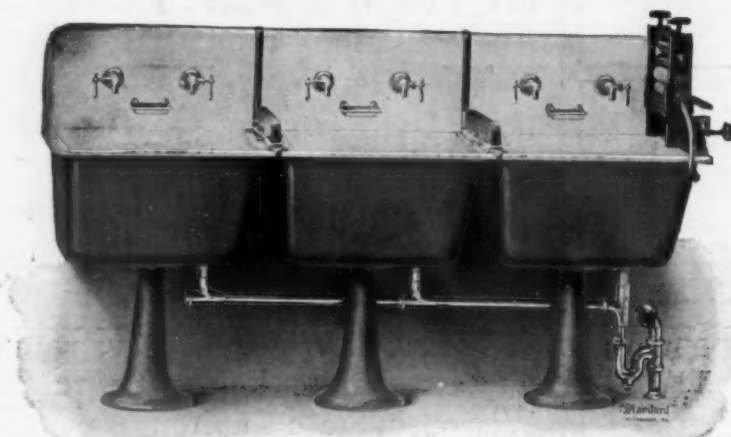
Pittsburg: Farmers Bank Bldg. New York: 1 Madison Ave.

ORNAMENTAL IRON AND BRONZE

Bronze Railing, Musicians' Balcony, Plaza Hotel, New York.
H. J. Hardenbergh, Architect.

The Winslow Bros. CompanyCHICAGO  NEW YORK

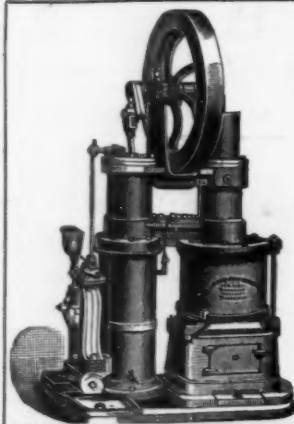
"Standard" Fixtures the Houseowner's Choice



"Standard" Plate P-1285 Porcelain Enamelled Flat Rim Laundry Trays, with 12-inch Porcelain Enamelled Backs, Nickel-plated Union Strips with Hardwood Wringer Holders, Nickel-plated Soap Dishes, Waste Plugs, Couplings and Rubber Stoppers, Nickel-plated Fuller Adjustable Flange Bibbs, Continuous Waste and Vented "S" Trap.

It is always profitable to specify "Standard" Porcelain Enamelled Ware for dwelling places of any kind as the majority of houseowners are already prejudiced in its favor. Your client knows that "Standard" Fixtures are indestructible and absolutely sanitary and that, dollar for dollar, they give longer and more satisfactory service than any other plumbing equipment he can buy.

Standard Sanitary Mfg. Co. PITTSBURGH, PA., U. S. A.



Rider & Ericsson HOT AIR PUMPS

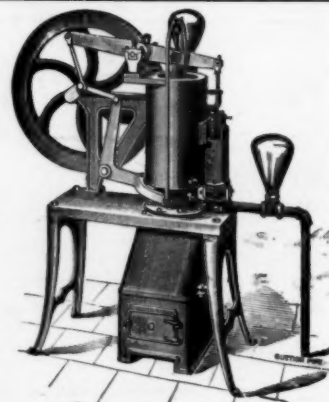
Send for Greatly Reduced Prices

Catalogue "B" on application

RIDER-ERICSSON ENGINE CO.

35 Warren Street, New York.
239 Franklin Street, Boston
234 Craig Street West, Montreal, P. Q.
22 Pitt Street, Sydney, N. S. W.

40 Dearborn Street, Chicago.
40 North 7th Street, Philadelphia
Amargura, 96, Havana, Cuba.



The Standard Plastic Relief Co.

G. M. KNOCHE, Pres. and Manager.

Manufacturers of

Plastic Relief Ornaments

— FOR —
Interior and Exterior Decorations



Write for Catalogue A

2101-2103 Reading Road
Cincinnati, O.

They throw back the flames and heat in the actual emergency just as they did in the actual fire test.

Mullins Fire-Proof Windows

Proved Best by Every Test

Made from specially prepared galvanized steel, lockseamed, and riveted, with no soldered joints. Heat expansion and contraction provided for. Absolutely perfect in every detail.

Let us send you our instructive catalogue. Drop us a postal today.

The W. H. Mullins Co.
206 Franklin Street, Salem, Ohio.

