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The AMERICAN ARCHITECT AND BUILDING NEWS

Regular Edition

Vol. XCIII.

JANUARY 29, 1908.

No. 1675.

PUBLIC SCHOOL BUILDINGS IN THE CITY OF NEW YORK, PART II 35

EDITORIAL COMMENT..... 42

The South a Desirable Field for the Young Architect—School Problems that Confront the Architect in New York City—The Mechanical Equipment of Schools—The Amalgamated Glass Workers' Union and Judge Phillips' Decision, as Affecting Trade Unions.

ILLUSTRATIONS:

Public School Buildings in the City of New York, Part II.—Eight Plates.

Additional:

The Cathedral, Valencia, Spain—Doorway in the Cathedral, Valencia, Spain—Cloister, College du Patriarche, Valencia, Spain—Tower of Santa Engracia, Valencia, Spain.

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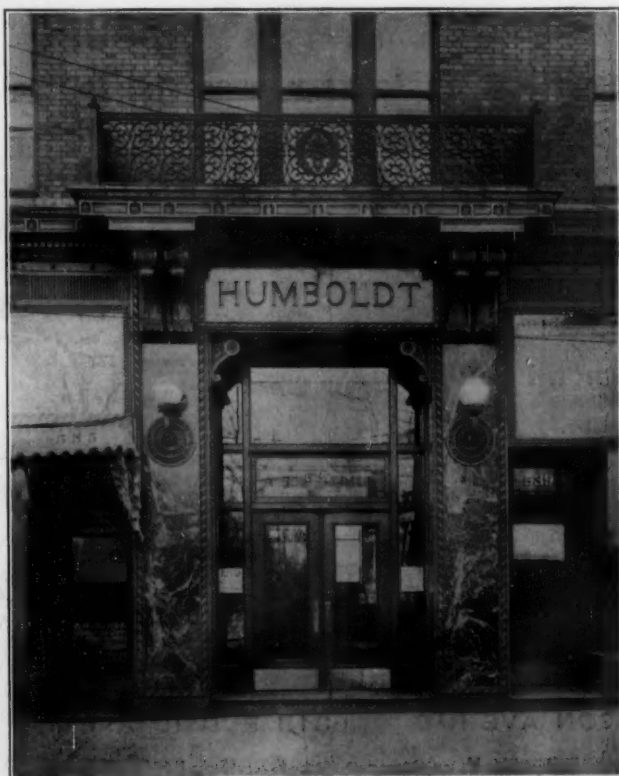
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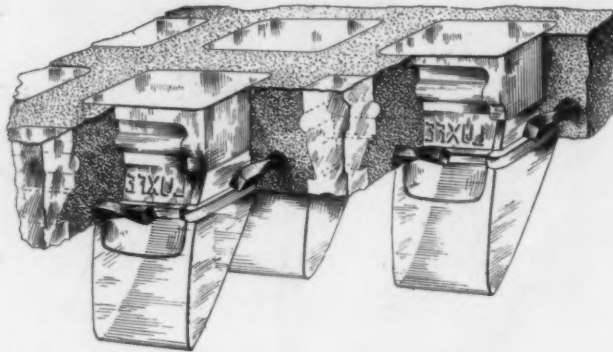
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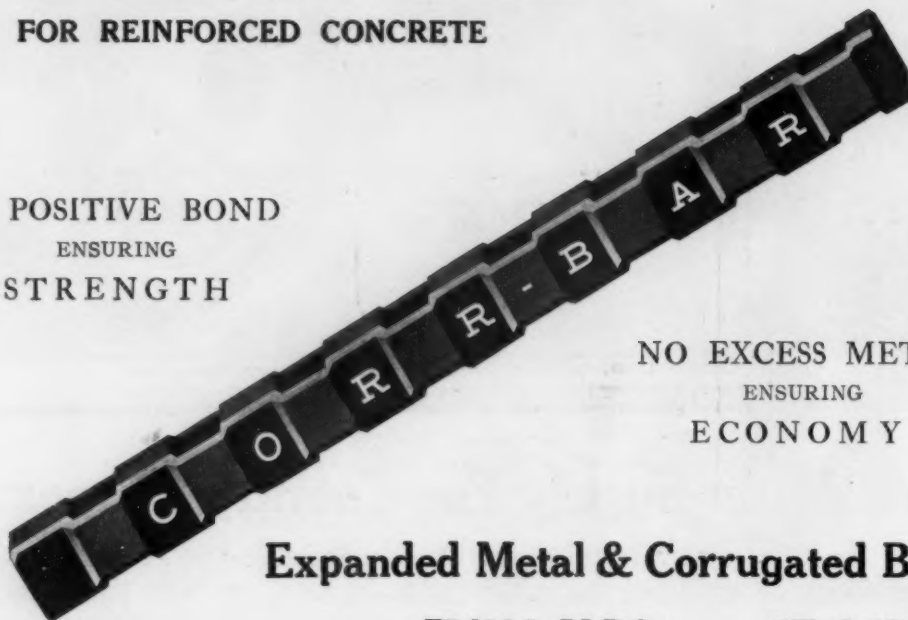
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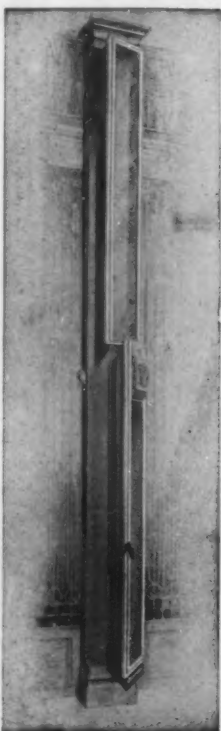
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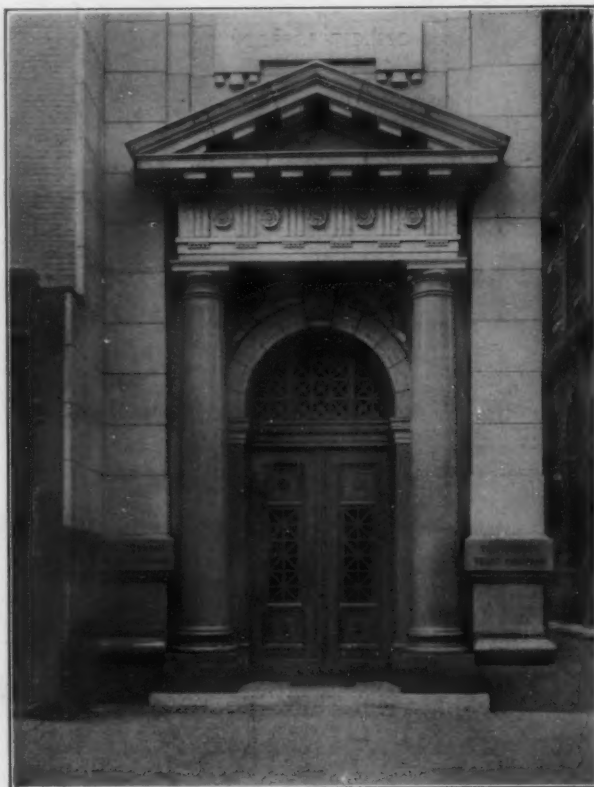
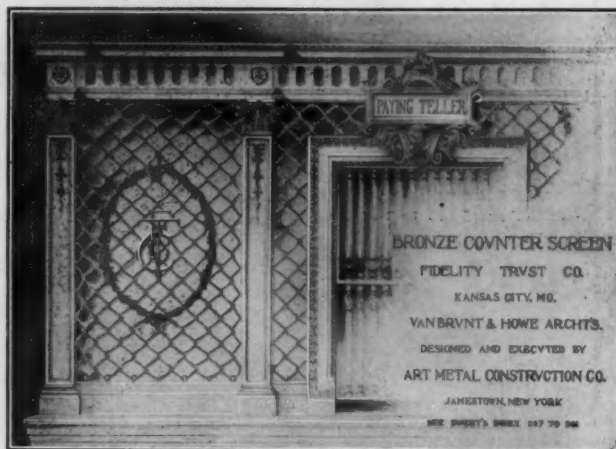
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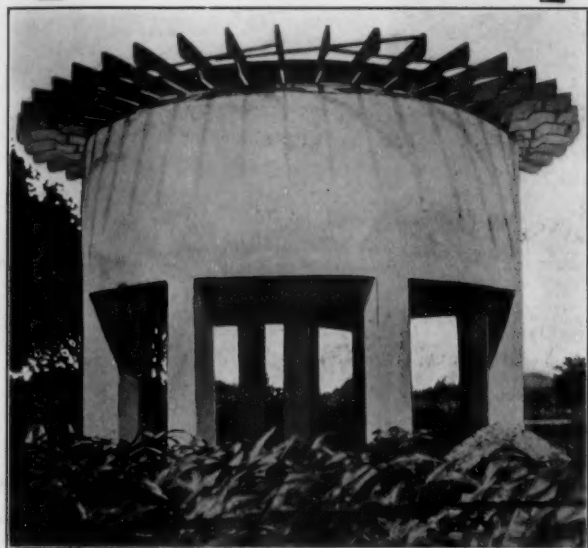
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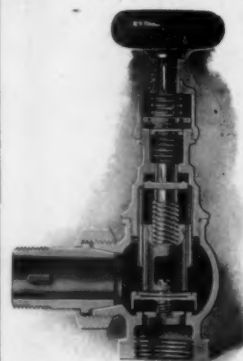
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Vol. XCIII.

WEDNESDAY, JANUARY 29, 1908.

No. 1675.



PART II

Public School Buildings in the City of New York

By C. B. J. SNYDER, F.A.I.A., Superintendent of School Buildings, Board of Education, New York.

The following is in continuation of Mr. Snyder's very interesting article on New York Schools. Schools in the Boroughs of Brooklyn, Bronx and Richmond will be equally well described and illustrated in the near future.

THE De Witt Clinton High School, Plate 18, covers solidly the block of 200 feet front on Tenth avenue, between Fifty-eighth and Fifty-ninth streets, by 200 feet in depth, and was designed for 3,000 students.

This is an example of the application of the commercial idea in the erection of a high school, for while outdoor space for recreation is desirable in a building of this character, it is not essential, and has therefore not been provided for.

The basement is devoted to a gymnasium 60 x 140 feet, the necessary lockers, shower and dressing rooms, teachers' lunch room, storerooms, etc., also the lower floor of the assembly room, which, with its gallery and platform, seats 2,250 people. The entrance is through the foyer shown in plate 16, which is on a level with the gallery

floor, Fig. 5. The lighting of the room is by skylights in the bottom of the court facing the front, the effect being as shown in Plate 17, where the two historical pictures depicting events in the life of De Witt Clinton and the arrangement of the platform and organ are clearly shown.

The cost of the building was as follows:

SCHOOL D. W. C. H. S. BOROUGH MANHATTAN. YEAR 1903-1905

Total accommodation, 2,835. Cubic contents, 3,650,967. Area, second floor, 29,515. Area classrooms, second floor, 16,800.

VARIOUS CONTRACTS	Contract Price	Per Cent Total Cost	Cost Per Cubic Feet	Cost Per Pupil
Building.....	\$650,400	.803	.178	\$220.4
Heating.....	50,864	.074	.016	21.1
Sanitary.....	49,174	.062	.013	17.3
Electric.....	37,658	.046	.012	13.3
Elevators.....	12,633	.016	.003	4.5
Totals.....	\$800,720	1.000	.222	285.6

Plate 19. The Wadleigh High School, on 114th and 115th streets, near Seventh avenue, is built on a plot of ground near the centre of the block and running through

from street to street. It was therefore planned of the H type, the courtyard on the front being devoted to trees and flowers, while a portion of the central or courtyard space at the rear contains the assembly room, with en-

Plate 24. Public School 165, on 109th street, near Broadway, is of the H type, as the plot is in the centre of the block running through from street to street.

Tenements have been built solidly up against it on

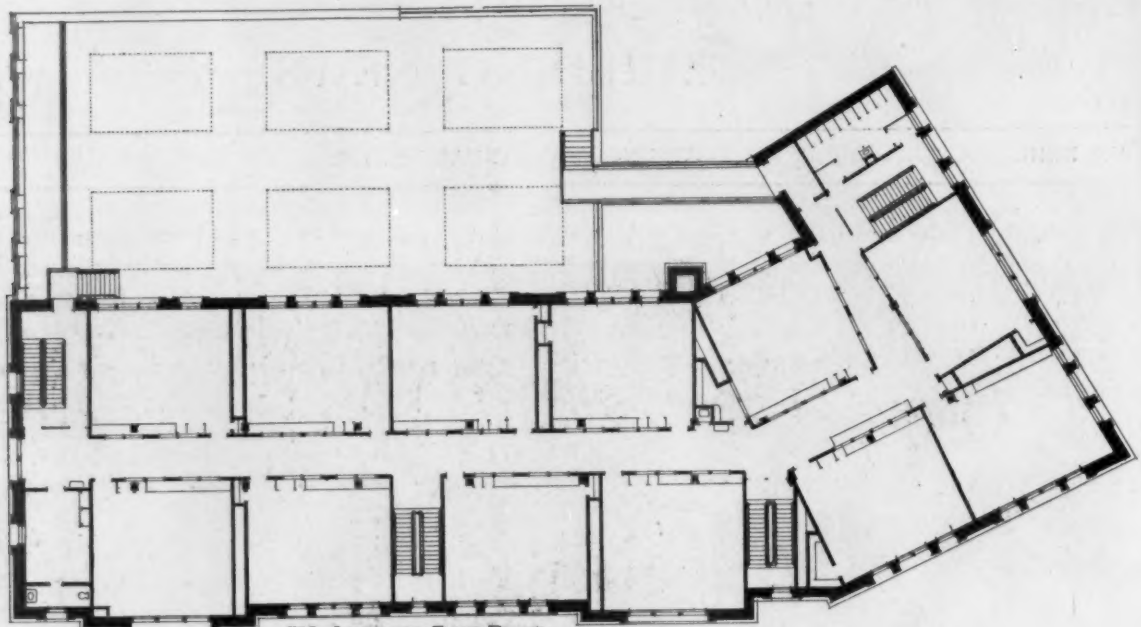


FIG. 1. "SECOND FLOOR PLAN"
-Public School 3, Manhattan-

trances (Plate 26) directly from 115th street for the use of the public.

The cost of this building was substantially the same as that given for the Morris High School.

Plate 22. Public School 31 (formerly P. S. 167), at

each street, but owing to the plan whereby the light for the classroom is received direct from the court fronting the street and formed on the school premises, there is no interference therewith.

The building accommodates 3,100 pupils and was built

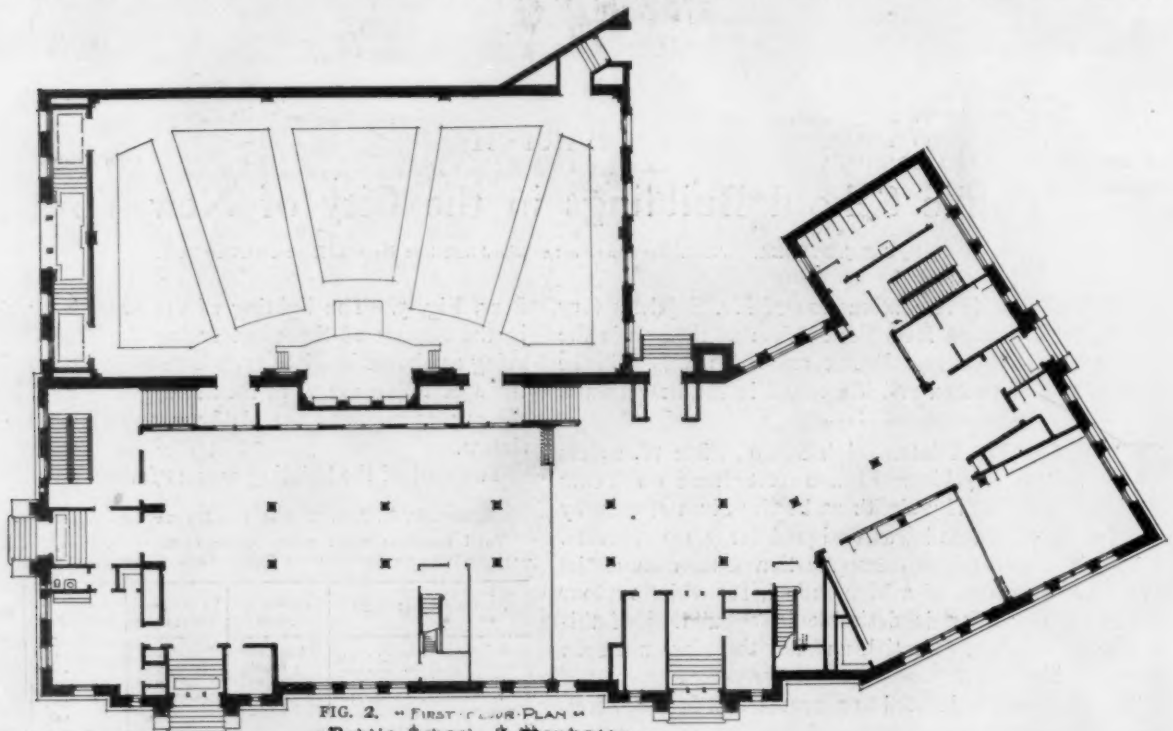


FIG. 2. "FIRST FLOOR PLAN"
-Public School 3, Manhattan-

144th street and Morris avenue, the Bronx, is one of several of this type, erected at about the same time (1898), wherein is given the maximum amount of light.

The cost was as per table at end.

in two sections at different times and under adverse conditions and the cost thereof is therefore of little use for comparative purposes.

Plate 27. Public School 3, Hudson and Grove streets,

replaces the one that was over fifty years old and burned in 1905.

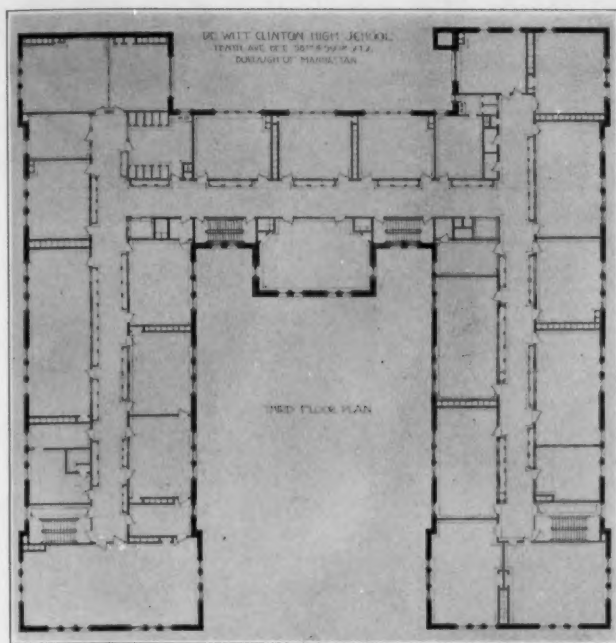


FIG. 4.

The plans for the new building were started on the morning after the fire and completed in record time. The number of classrooms in the new structure is nearly 50 per cent. greater than in the old. There was not sufficient space for an assembly room without its being used also for classroom purposes, and as it is the policy of the School Board to avoid this it was decided to place it on property to be acquired adjacent to the school (see Figs. 1 and 2) and which will be carried out very shortly. The cost of the building was as per table at end.

Fig. 13. Public School 21, on Mott Street, extending through to Elizabeth Street, was a problem most difficult of solution since a large portion of the plot was occupied by an old school in which the pupils had to be cared for until a portion of the new structure was made ready, thus making two distinct building operations at a largely increased cost.

There was no space to spare so the assembly room was placed beneath the courtyard with entrances direct from

the street for use by the public at evening lectures.

This does not interfere with the use of the yard for recreation purposes. The cost of the building is as per table at end.

Plate 14 is one of several school buildings erected under the approach of the Williamsburg Bridge in the

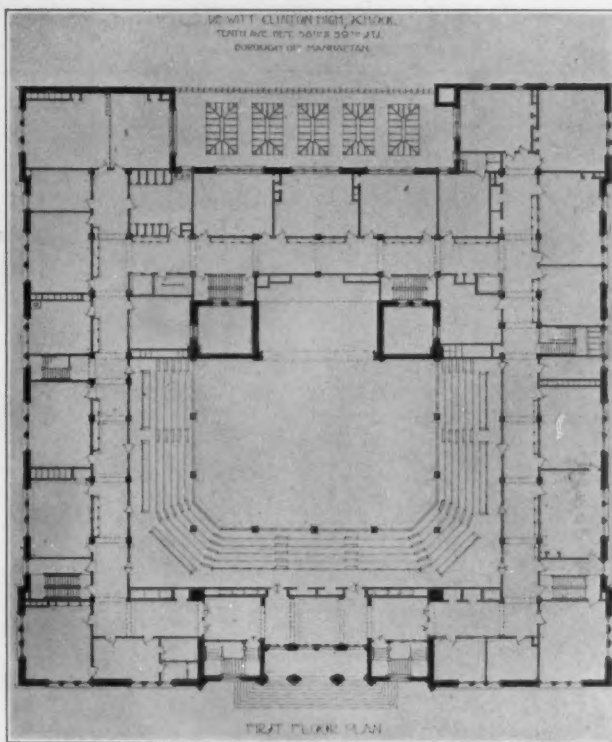


FIG. 5.

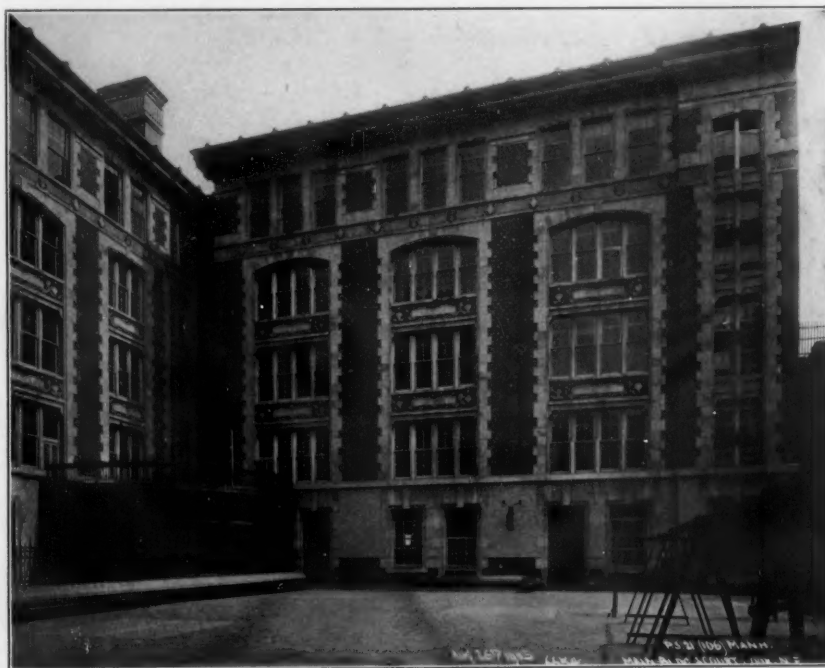


FIG. 6.

endeavor to utilize land already owned by the city in a neighborhood where values range from \$10 to \$14 per square foot. The noise from the traffic of the bridge, however, is so great that the experiment will scarcely be repeated, although the pupils and teachers have gradually become accustomed to it.

The ventilation of school buildings crowded in upon plots surrounded by towering tene-

ments is rather a complex problem. The many differences in the plans due to the varying size and conditions of school sites requires that a special study of the heating and ventilation shall be made in each case.

One type is shown in Public School 66 in East Eighty-eighth street, near First avenue, Figs. 7 and 8, where a plot 175 feet front by 100 feet in depth (less 5 feet re-

through to the rear line, with small indoor playroom for boys and girls. The fresh air intakes are placed at the rear with the openings on the second story window sill

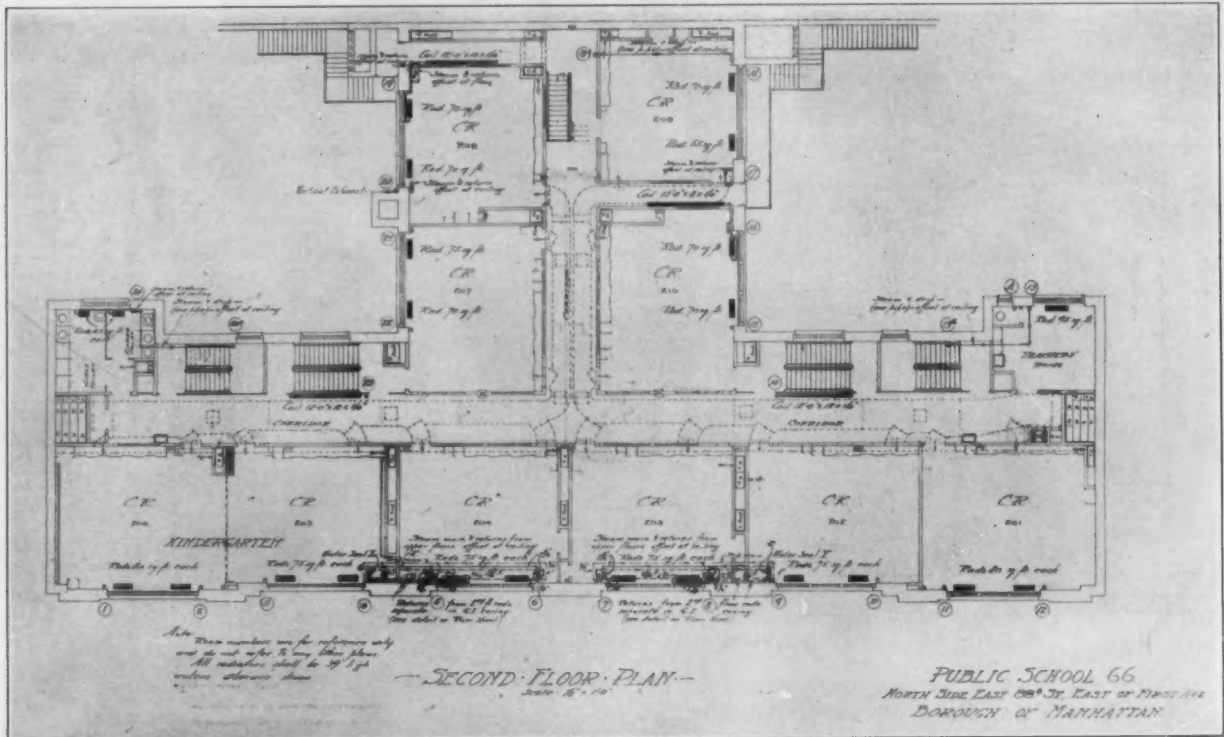


FIG. 7.

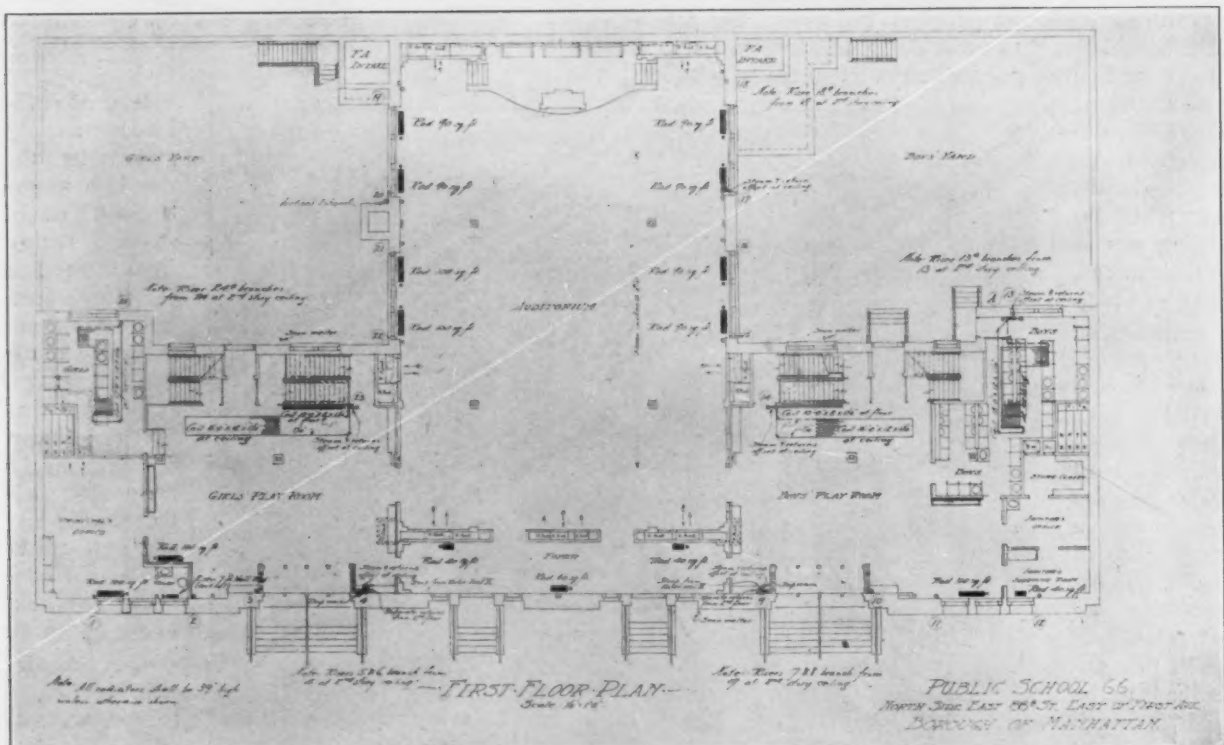


FIG. 8.

stricted for stoop line) was acquired for a building of thirty classrooms.

The assembly room is placed on the first floor running

level and communicate with the Heating Chambers placed in the cellar directly beneath them, where they pass over the indirect stacks; the temperature is con-

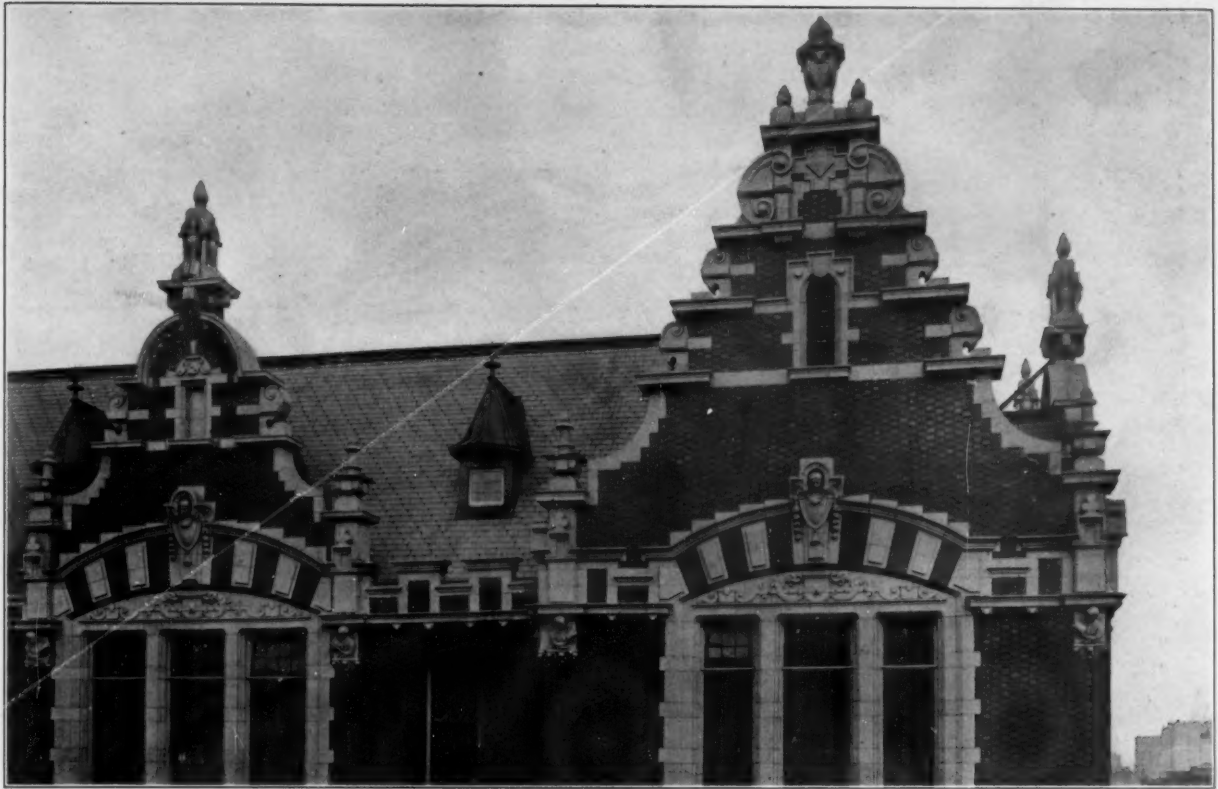


PLATE 15. VIEW OF DORMERS.



PLATE 16. FOYER.

DE WITT CLINTON HIGH-SCHOOL, TENTH AVENUE, FIFTY-EIGHTH AND FIFTY-NINTH STREETS.

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PLATE 17. ASSEMBLY ROOM.



PLATE 18. VIEW FROM SOUTHEAST.

DE WITT CLINTON HIGH SCHOOL, TENTH AVENUE, FIFTY-EIGHTH AND FIFTY-NINTH STREETS.

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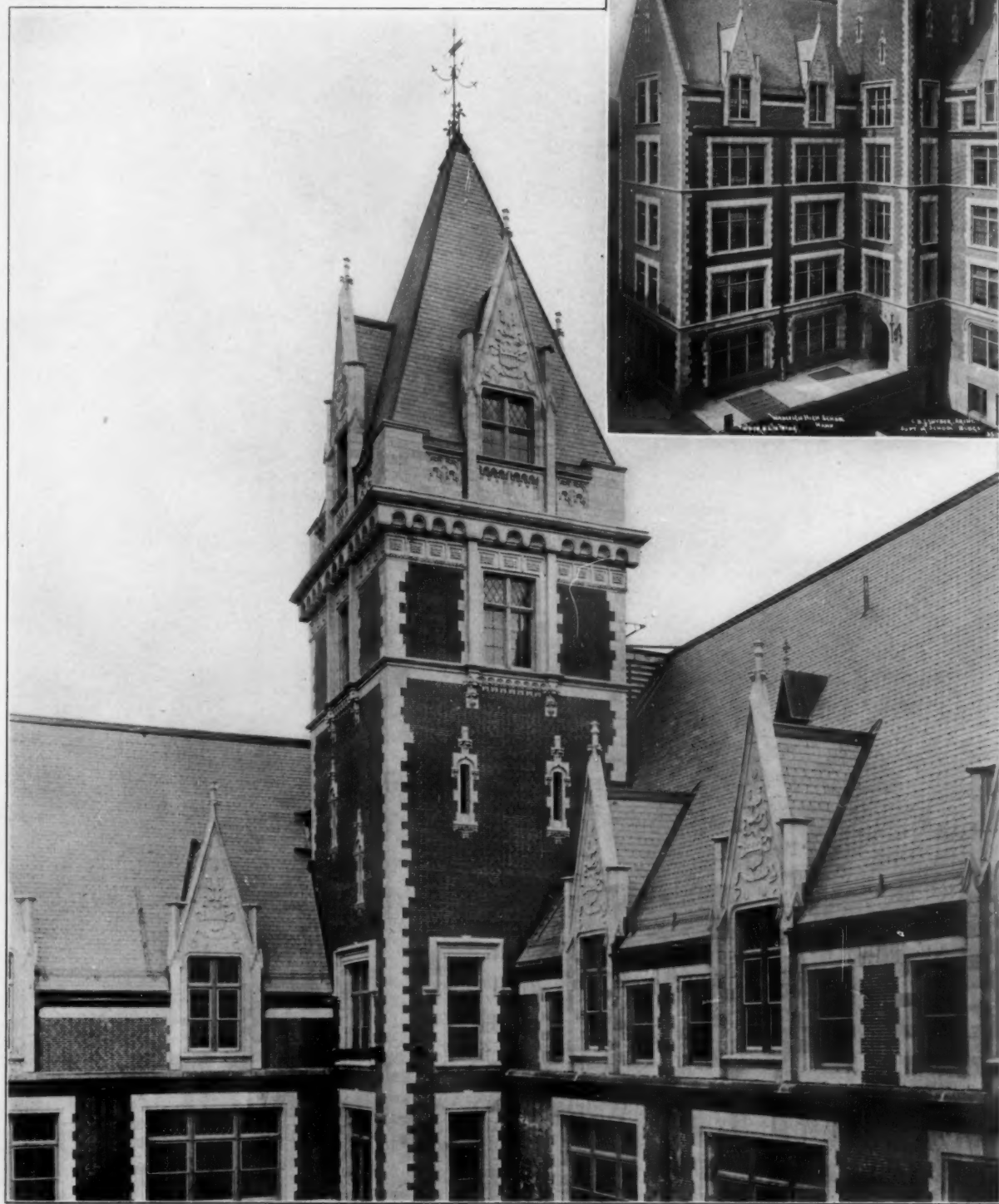


PLATE 19. TOWER AND MAIN ENTRANCE: WADLEIGH HIGH SCHOOL, 114TH STREET, NEAR SEVENTH AVENUE.

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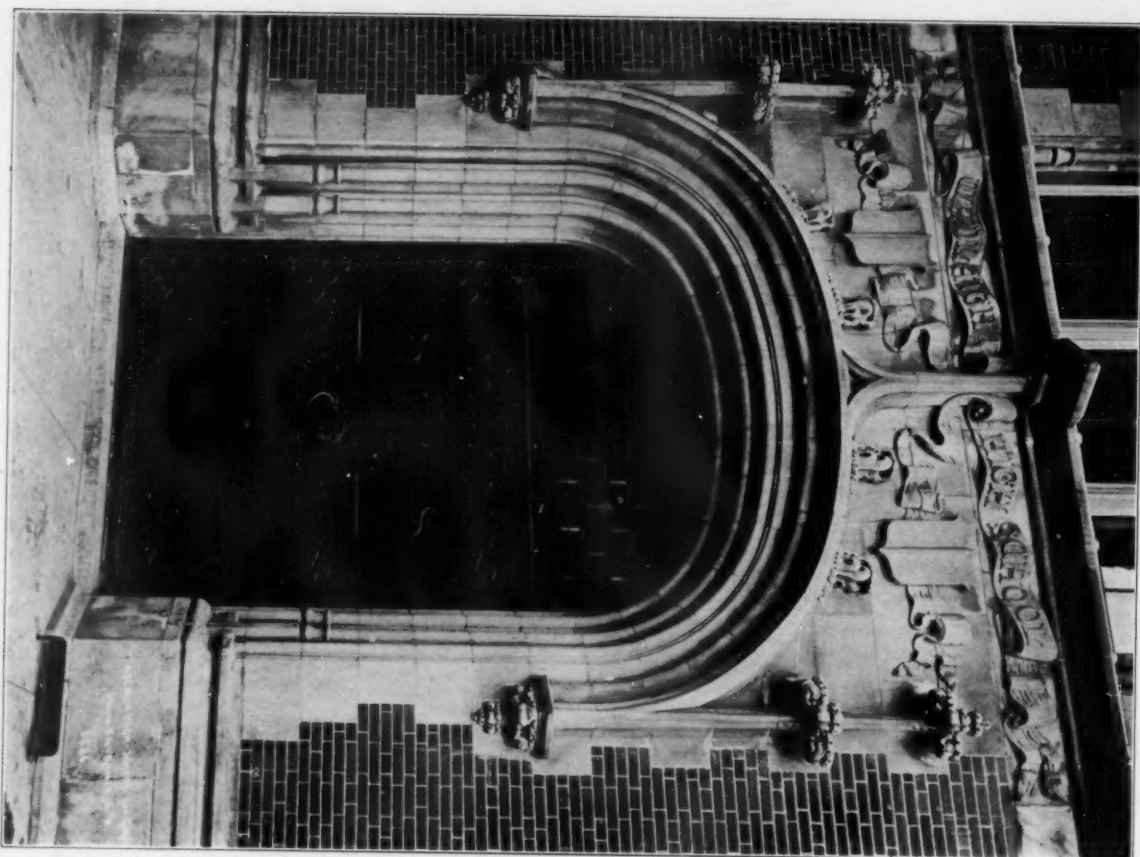


PLATE 20. DETAIL MAIN ENTRANCE.

WADLEIGH HIGH SCHOOL, 114TH STREET, NEAR SEVENTH AVENUE.

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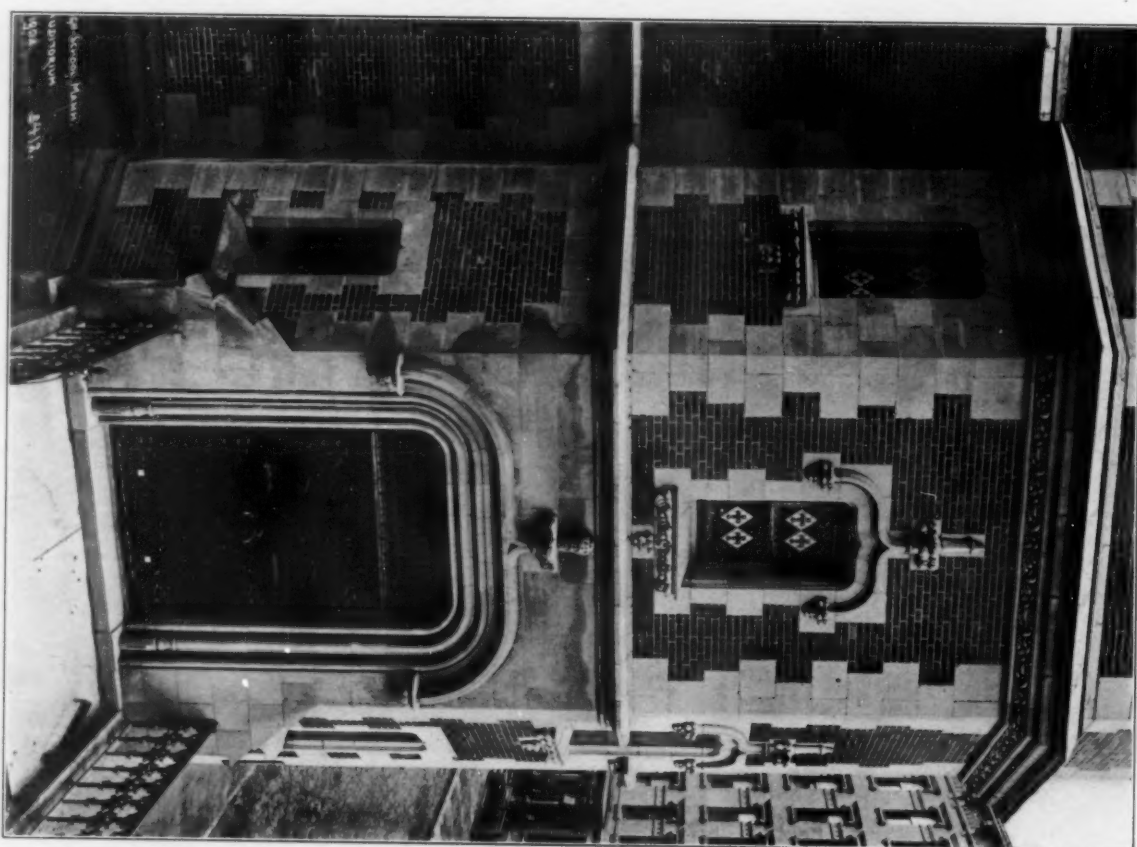


PLATE 21. ENTRANCE ON 115TH STREET TO ASSEMBLY ROOM.

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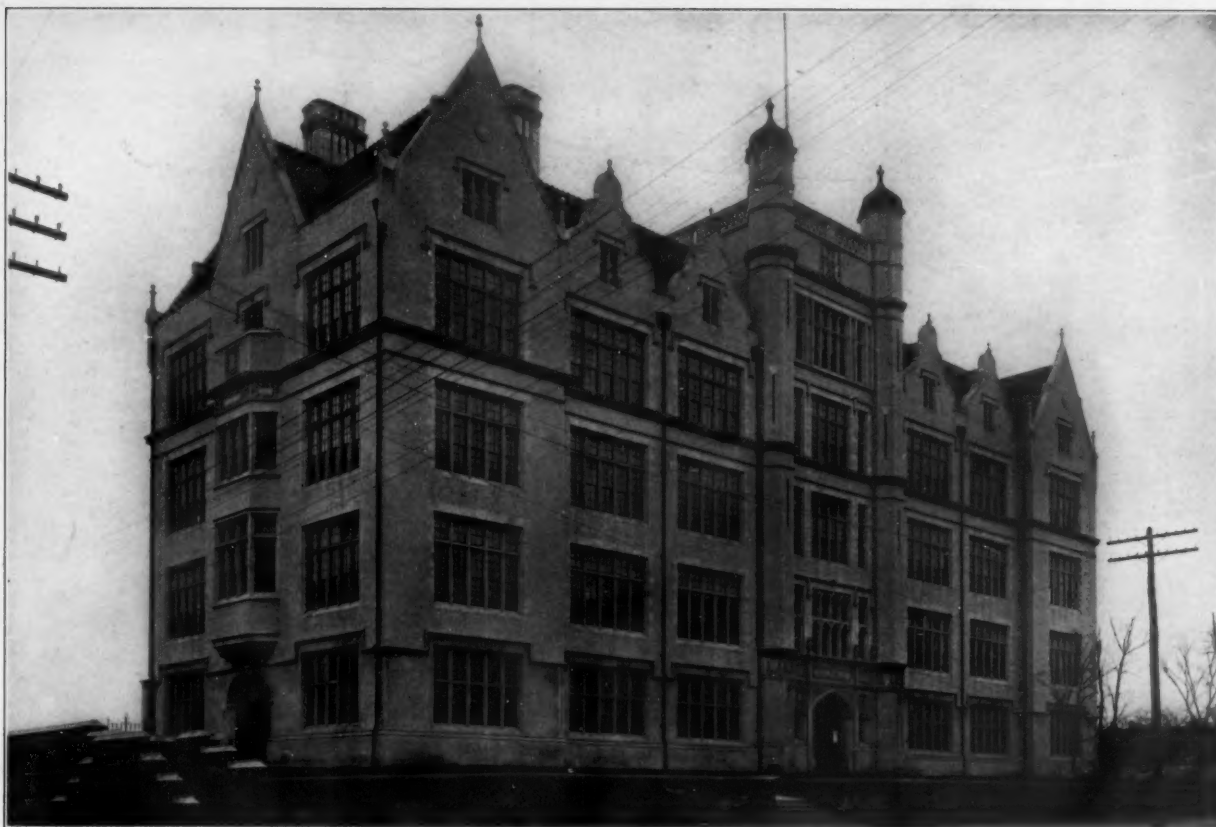


PLATE 22. GENERAL VIEW.



PLATE 23. DETAIL MAIN ENTRANCE.

PUBLIC SCHOOL NO. 31 (OLD 167), 144TH STREET AND MOTT AVENUE.

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PLATE 24. PUBLIC SCHOOL NO. 165, 109TH STREET, NEAR AMSTERDAM AVENUE.

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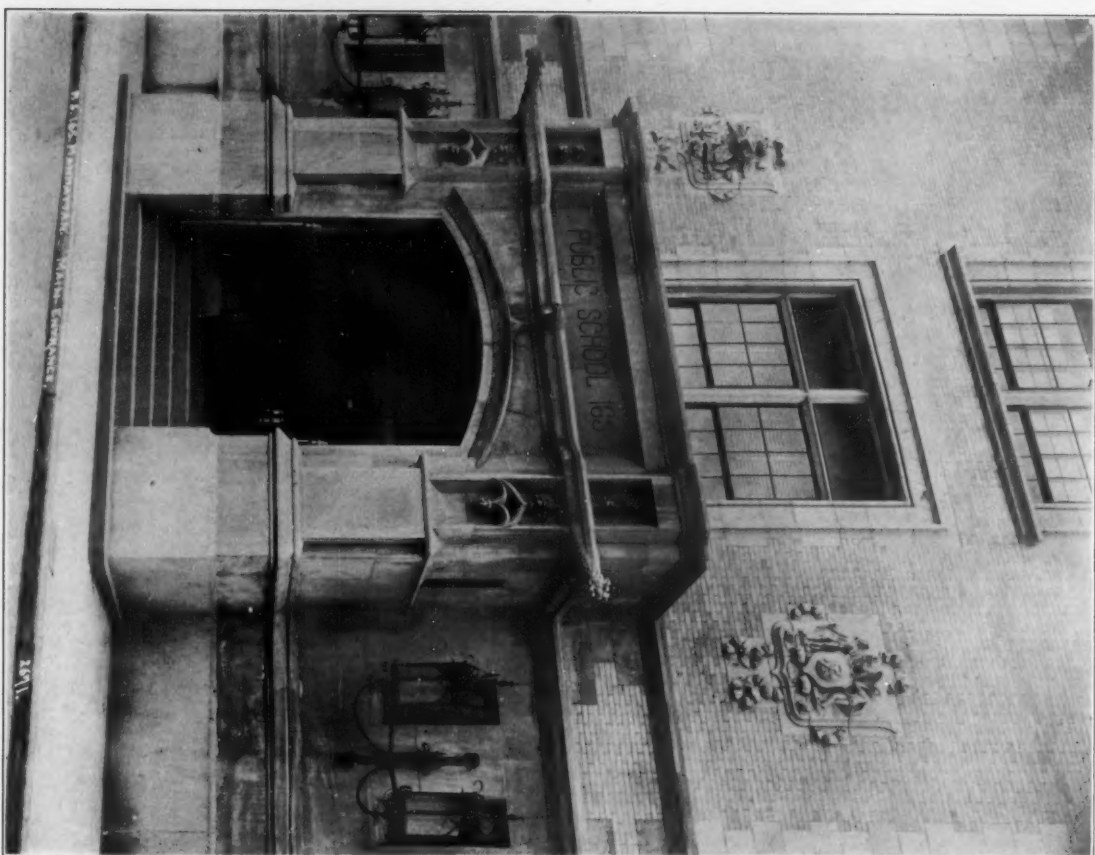


PLATE 25. MAIN ENTRANCE: PUBLIC SCHOOL NO. 165.

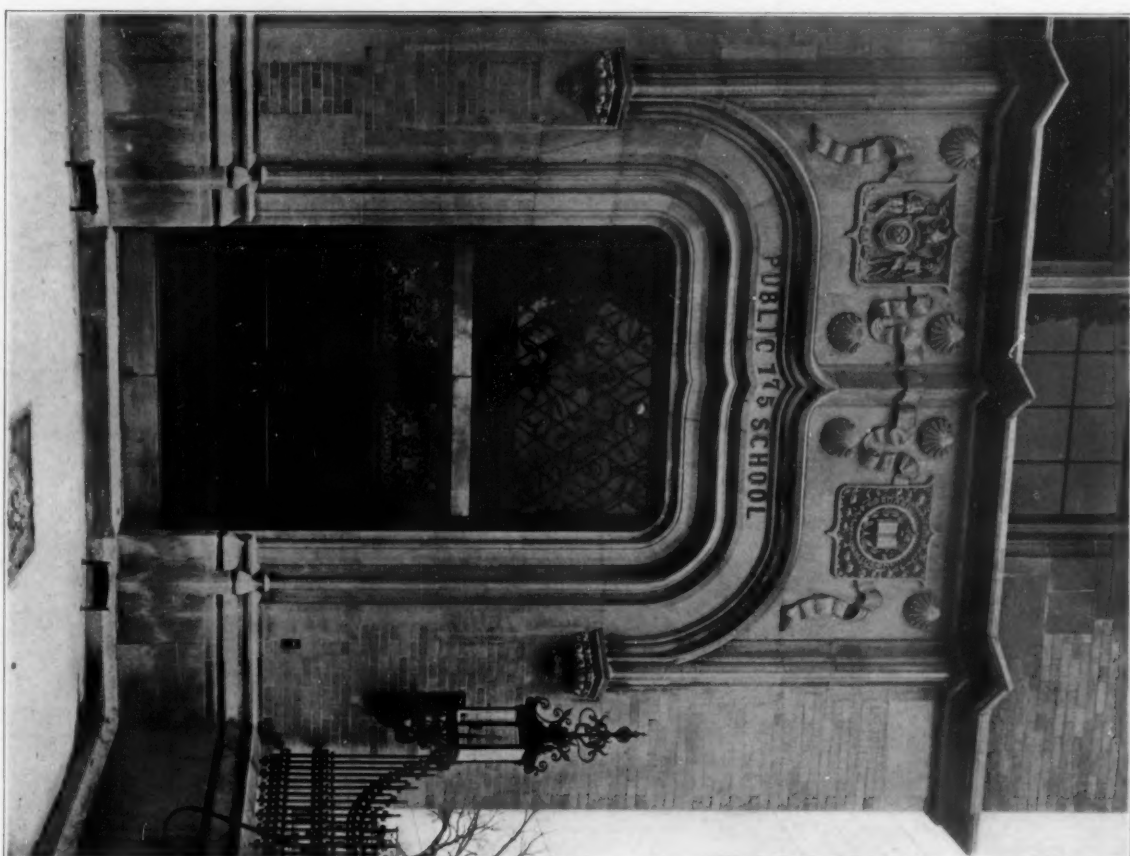


PLATE 26. MAIN ENTRANCE: PUBLIC SCHOOL NO. 175.



PLATE 27. PUBLIC SCHOOL NO. 3, HUDSON AND GROVE STREETS

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trolled automatically by a thermostat, so that the air passing to the classrooms shall not exceed 72 degrees F.

The fans or blowers are placed near the foot of the

conveyed in galvanized iron ducts from the blowers to the various uptake flues leading to the classrooms. Steam for heating and as a motive power for the engines

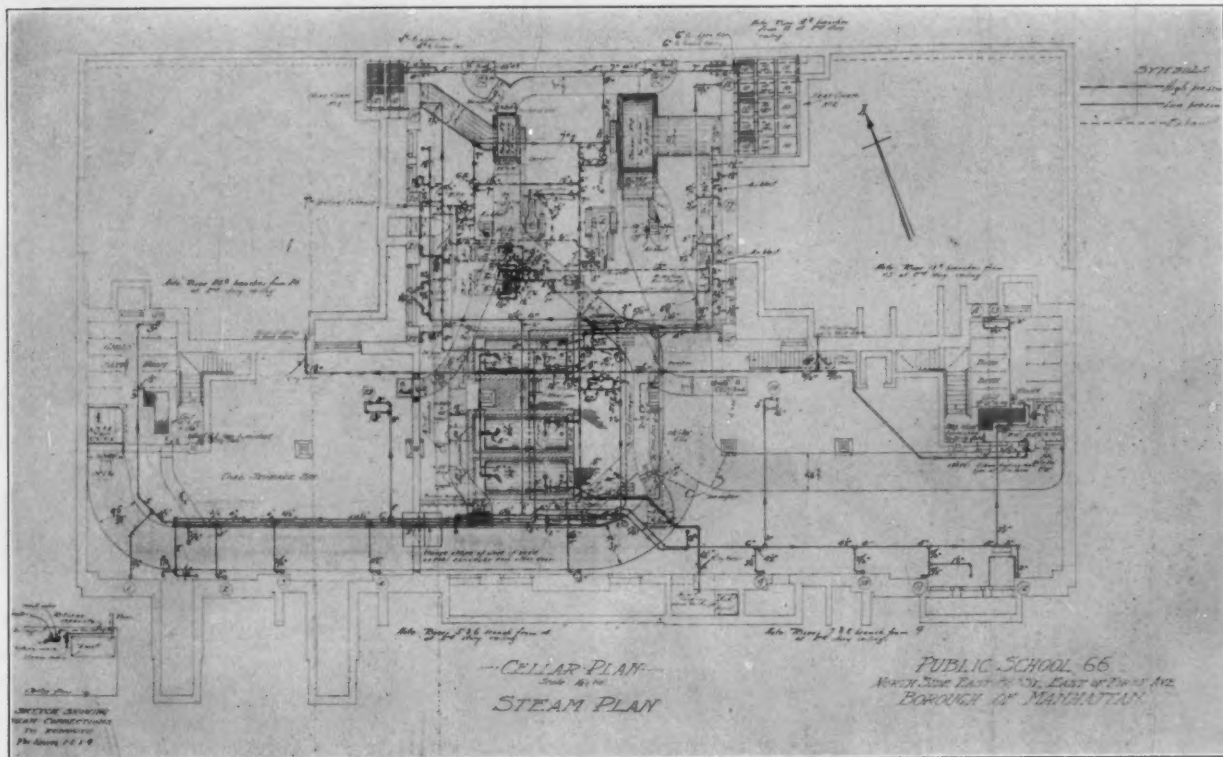


FIG. 9.

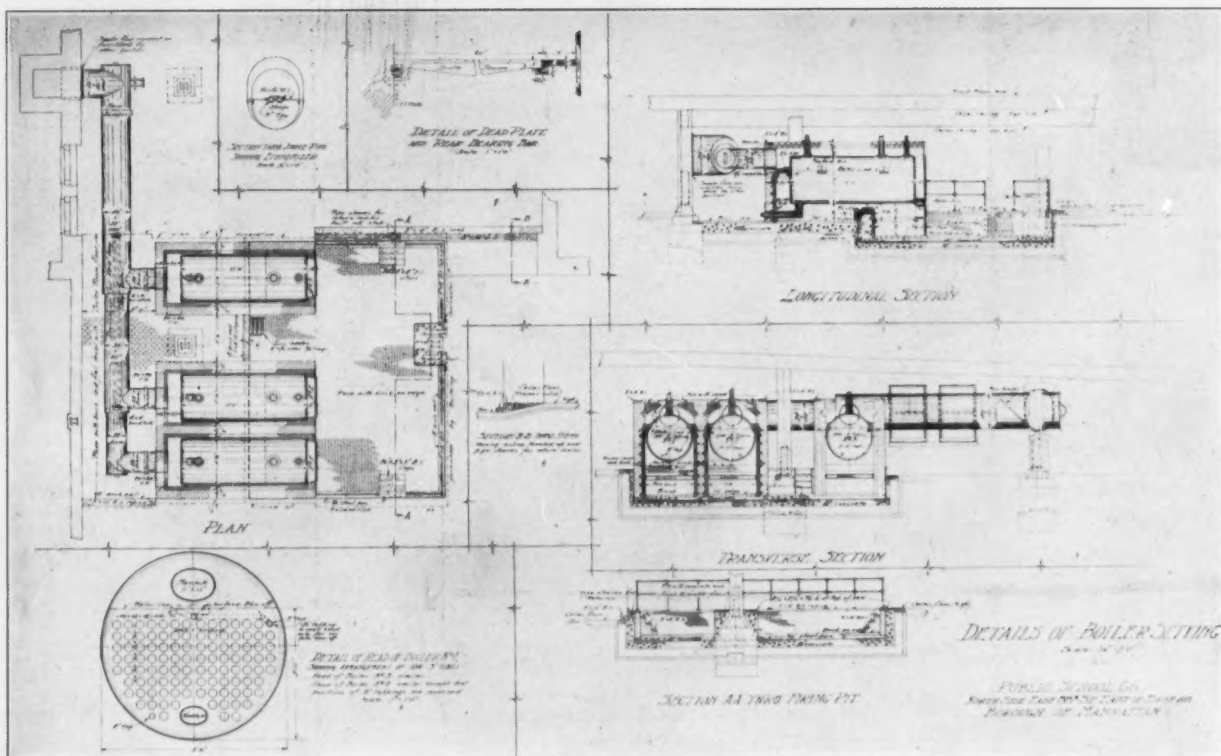


FIG. 10.

heating chambers and are of such capacity that, running at moderate speed, they will supply 30 cubic feet of fresh air per pupil per minute to each classroom, the air being

driving the blowers is furnished by a battery of three horizontal tubular boilers located in the cellar, reducing valves being placed in the heating lines.

The steam plan, location of blowers and the ducts leading therefrom are shown in Fig. 9, the steam return plan in Fig. 10. The details of the boilers, their settings and accessories, are shown in Fig. 10, while the blower

room may always be maintained at 70 degrees, irrespective of the outside temperature and without superheating the air used for ventilation.

The outlets for the vitiated air are placed within 8

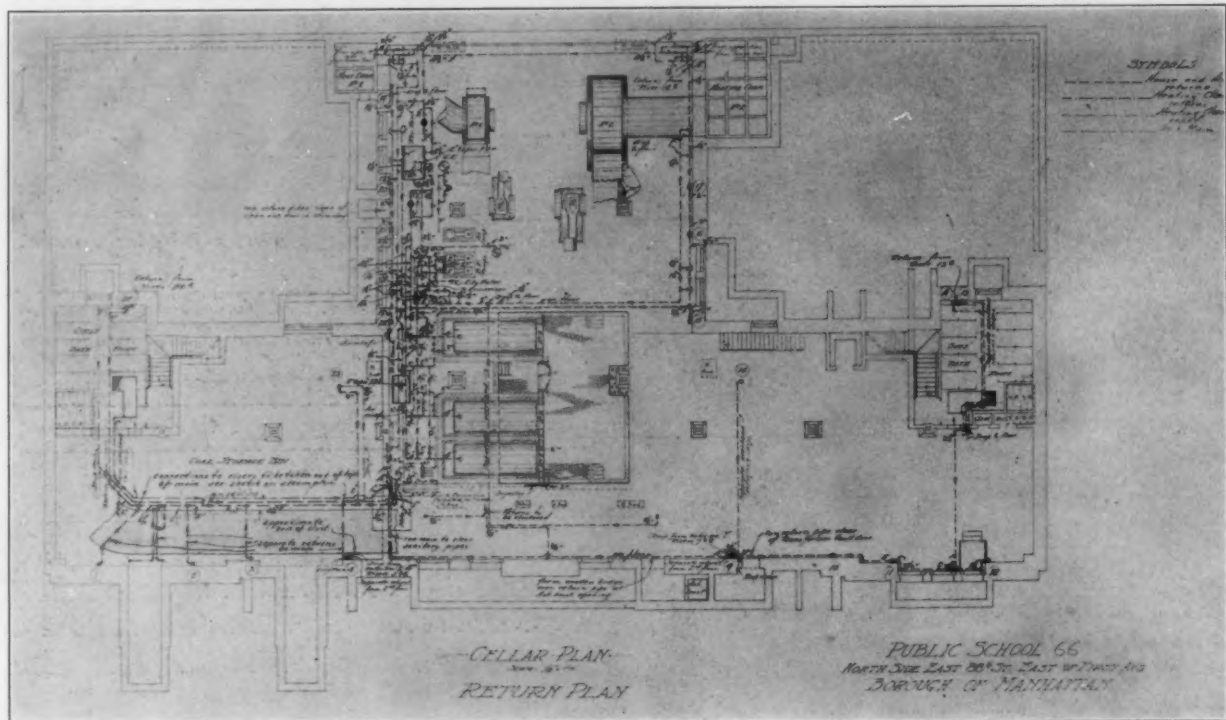


FIG. 11.

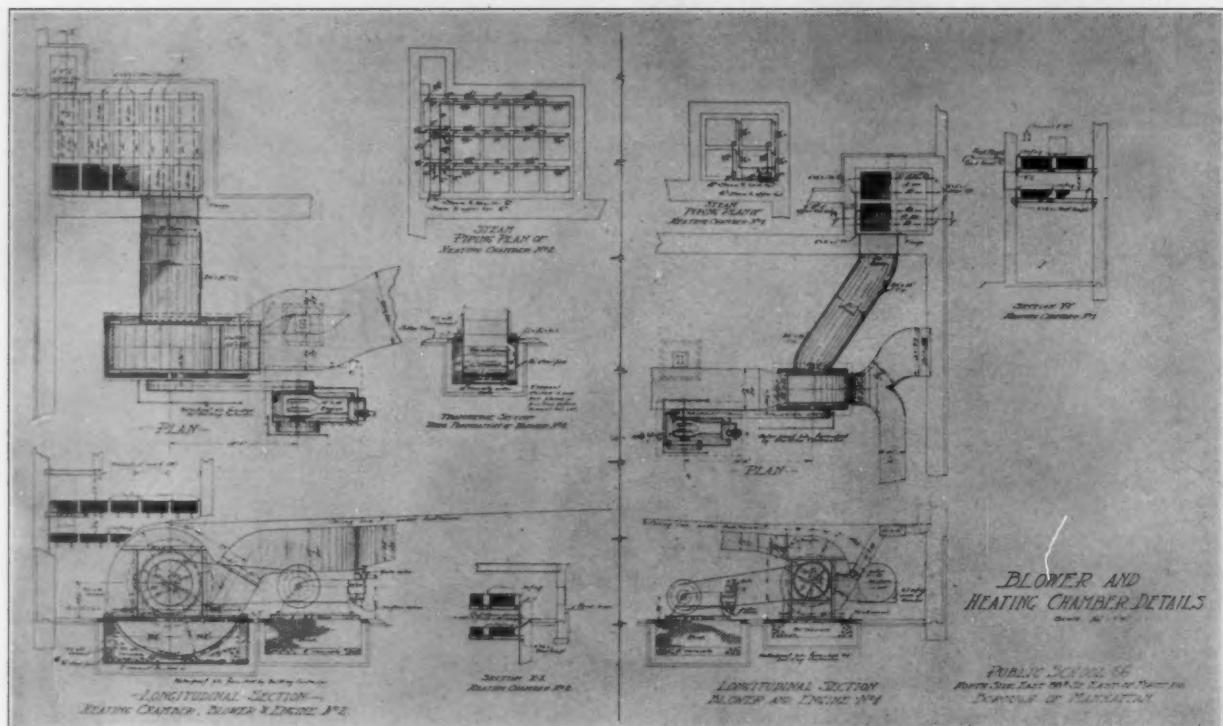


FIG. 12.

and heating chamber details are shown in Fig. 12. Each classroom is provided with an independent source of heat by means of radiators placed usually under the windows, automatically controlled so that the temperature of the

inches of the floor line, both the fresh air inlets and the vent flues being placed in the inner walls of the rooms.

The vents are carried straight through to the roof and finished with an exhaust cowl or hood.

Ample clean-out doors are placed in the flues and heating chambers to permit of their being kept in a cleanly condition.

This method of keeping the heating and the ventilation

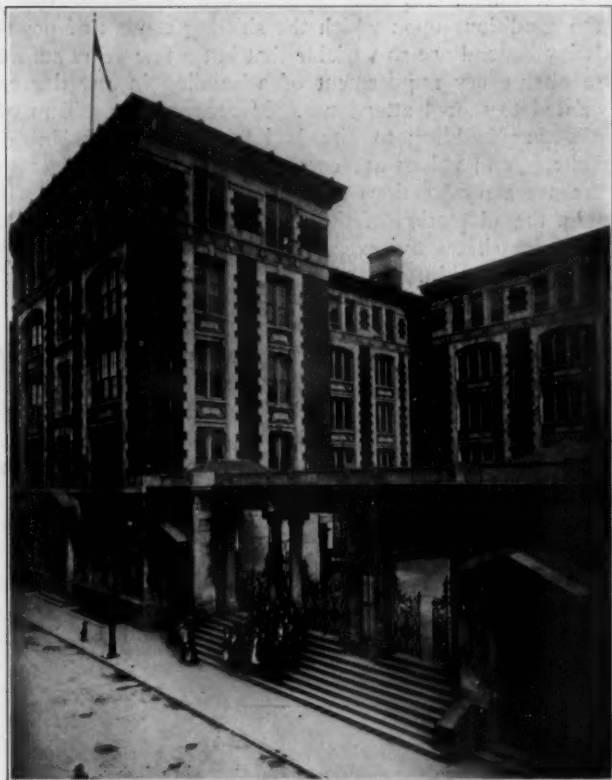


FIG. 13.

entirely distinct and separate has been found to give the best results in actual practice, owing to the sudden variations in our climate.

COSTS

SCHOOL NO. 3. BOROUGH MANHATTAN. YEAR 1905-1906

Total accommodation, 2,300. Cubic contents, 1,151,620. Area second floor, 12,794.
Number classrooms, 40. Cubic feet per classroom, 22,581. Area classrooms, second floor, 7431.

VARIOUS CONTRACTS	Contract Price	Per Cent. Total Cost	Cost Per Cubic Foot	Cost Per Pupil	Cost Per Classroom
Building	\$220,000	.77	.198	\$99.56	\$4,673.35
Heating	31,850	.11	.028	13.85	650.18
Sanitary	20,434	.095	.025	12.80	600.07
Electric	7,650	.035	.007	3.33	156.21
Totals	\$207,043	1.000	.258	\$120.54	\$6,080.21

Remarks.—Assembly room yet to be built on property recently acquired at the left.

SCHOOL 21 (OLD NO. 106). BOROUGH MANHATTAN. YEAR 1903

Total accommodation, 2,350. Cubic contents, 1,632,780. Area second floor, 15,566.
Number classrooms, 60. Cubic feet per classroom, 27,213. Area classrooms, second floor, 8,162, equals 52.4 per cent.

VARIOUS CONTRACTS	Contract Price	Per Cent. Total Cost	Cost Per Cubic Foot	Cost Per Pupil	Cost Per Classroom
Building	\$338,000	.805	.207	\$143.83	\$5,633.34
Heating	38,560	.092	.024	16.41	642.07
Sanitary	28,076	.069	.017	12.33	482.93
Electric	14,440	.034	.009	6.14	240.66
Totals	\$410,076	1.000	.257	\$178.71	\$6,000.60

Remarks.—Built in two sections under one contract. Auditorium extension, baths and lockers in basement. Thirteen units devoted to offices, baths, lockers, shop and cooking.

SCHOOL 31 (OLD 167). BOROUGH BRONX. YEAR 1898

Total accommodation, 1,500. Cubic contents, 922,470. Area second floor 11,415.
Number classrooms, 42. Cubic feet per classroom, 21,963.6. Area classrooms, second floor, 6,220, equals 54.5 per cent.

VARIOUS CONTRACTS	Contract Price	Per Cent. Total Cost	Cost Per Cubic Foot	Cost Per Pupil	Cost Per Classroom
Building and sanitary	\$208,929	.87	.226	\$139.28	\$4,974.50
Heating and Electric	30,880	.13	.033	20.59	735.24
Totals	\$239,809	1.00	.250	\$160.87	\$5,709.74

Remarks.—First floor all playroom except 1 unit—12 units devoted to shop, modeling rooms, lockers, gymnasium and offices. Toilets in yard 31,500 cubic feet.

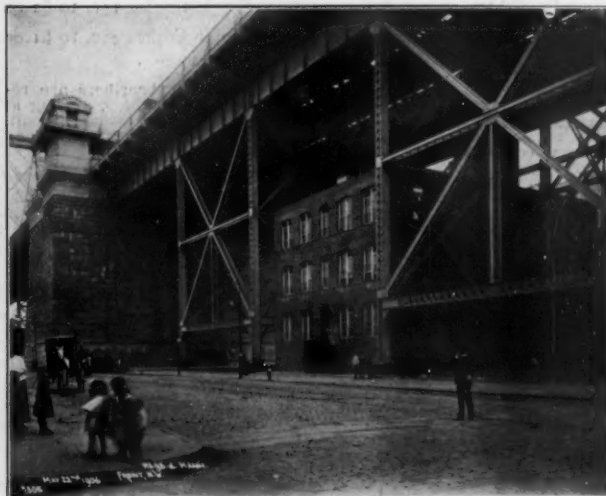


FIG. 14.

ILLUSTRATIONS

DE WITT CLINTON HIGH SCHOOL:

- PLATE 15. VIEW OF DORMER.
- PLATE 16. THE FOYER.
- PLATE 17. THE ASSEMBLY ROOM.
- PLATE 18. EXTERIOR FROM SOUTHEAST.

WADLEIGH HIGH SCHOOL:

- PLATE 19. TOWER AND ENTRANCE.
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- PLATE 21. ENTRANCE ON 115TH STREET.

PUBLIC SCHOOL NO. 31 (OLD 167):

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- PLATE 24. EXTERIOR VIEW.
- PLATE 25. MAIN ENTRANCE.

PUBLIC SCHOOL NO. 175:

- PLATE 26. MAIN ENTRANCE.

PUBLIC SCHOOL NO. 3:

- PLATE 27. EXTERIOR VIEW.

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JANUARY 29, 1908.

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PART II. PUBLIC SCHOOL BUILDINGS IN THE CITY OF NEW

YORK, BY C. B. J. SNYDER, F.A.I.A., SUPERINTENDENT OF

SCHOOL BUILDINGS, BOARD OF EDUCATION, NEW YORK, N. Y. 35

WHAT might be regarded as an indication of an awakening in the South and an approaching era of prosperity and generally improved conditions is the frequent inquiries received from that section concerning buildings and allied subjects. Not long since we had occasion to look over the situation existing in a city of some twenty-five thousand inhabitants located in one of the southern States and were considerably surprised to discover that while there were three or four builders who occasionally undertook the preparation of crude plans when they were employed to erect the building, there was not a single practicing architect to be found.

PROBABLY the condition of the city referred to is somewhat unique, but that the South will see a great development as regards both public and private buildings within the next decade, that this development is already gaining momentum, and that there is a promising field for capable architects presenting itself in this section of the country there can be little doubt. As evidence of these conditions we are able to cite the case of a prominent firm of architects located in New York. This firm has now in hand in various stages ranging from sketch plans to structures nearly completed, eighteen buildings of one class, scattered throughout the cities of the South. While it is more than possible that these architects on account of unusual ability and wide experience, would have been selected for some of these commissions, regardless of location and the claims of a local architect, we cannot but feel that a very large portion of this work was bestowed outside of the city and State for no other reason than a scarcity of architects at home. To the young architect about to engage in practice on his own account it would seem that the South presented unusual opportunities.

PROBABLY no city in this country presents so many complex questions to the architect of its school buildings, a number of which are illustrated in this issue, as does New York, and especially is this true of Manhattan Island. As Mr. Snyder points out in his article, the conditions upon which the shifting centers of population depend are so variable that but a few years suffice to alter every requirement of a building in any degree related to school attendance. Moreover the problem of adapting building to site is intricate and perplexing. Where land values are enormous, and suitable plots in the necessary locations are difficult or impossible to obtain, the adaptation of the requirements to the available site necessitates the exercise of no small amount of ingenuity and skill.

NO single feature of the modern school building presents more exacting requirements than the mechanical equipment, particularly the provisions and appliances necessary to adequately heat and ventilate the building under all conditions of weather. While the architectural treatment is of real importance, and the decorative treatment should receive careful attention, for unquestionably both teacher and pupil are vastly benefited by attractive surroundings, the successful operation of the heating and ventilating equipment is imperative. Upon it depend to a degree the health and well being of the rising generation.

A RECENT decision rendered by Judge George L. Phillips sitting in Common Pleas Court, Cuyahoga County, Ohio, is of more than passing interest to architects, builders, and owners. The case grew out of internal dissension in the Amalgamated Glass Workers' Union, and in his decision Judge Phillips held that the agreement under which the blowers, gatherers, cutters, and flatteners were bound in the Amalgamated Window-glass Makers of America, was an agreement in restraint of trade, a trust, and taking the broad ground of public policy ordered the organization or union to be dissolved. In reading over the record of the trial we find testimony offered to the effect that the Amalgamated by its apprentice system, kept down the membership of the Glass-makers' Union, thus conspiring to maintain prices arbitrarily fixed by the majority vote in the union.

TO anyone at all familiar with conditions in the building trades this testimony will not sound strange. Too often a building operation stands idle due to internal strife in one or another of the various labor unions employed, and for which the owner and builder must suffer loss although in no way responsible. By restricting the membership of the unions, fixing the scale of wages, preventing work from being done by any but union workmen even to the point of destroying life and property a situation has been created that becomes at times almost intolerable, and if the decision of Judge Phillips can be considered at all indicative of views that may be extended to apply to conditions that exist in the building trades unions, the ruling has unusual interest and significance.

PERSONAL MENTION.

Announcement is made that Charles P. Maginni and Timothy Walsh, architects, have formed a partnership under the name of McGinnis & Walsh, and will have offices in the Colonial Building, 100 Boylston street, Boston, Mass.

Walden Starck, an eminent architect and designer, of Mobile, Ala., died on Jan. 17. He was a former member of the firm of Tuttle & Starck, that designed the New York Academy of Music.

John H. Wagner, seventy-two years old, a prominent architect and engineer of Chicago for years, died Jan. 20 at his home in Elmhurst. He came to Chicago from Canada in pioneer days and took an active part in the city's growth.

The American group of the Société des Architectes Diplomes par le Gouvernement, comprised of American architects who have received a French Government diploma at the École Nationale et Spéciale des Beaux-Arts, have received from the parent society a medal to be awarded to some layman for conspicuous service in the cause of architectural advancement in this country. At a recent meeting of the group it was decided to award the medal to Mayor McClellan, and for this purpose a dinner was given him at the University Club on January 28.

The firm of Edwards, Walter & Parnham, architects, has opened offices at 631-633 Candler building. Under the name of Edwards & Walter, the firm was formerly located at Columbia, S. C., but came to Atlanta on January 1 and began business here, taking into the partnership C. D. Parnham, a well known Atlantan.

Frank C. Squires and James C. Holland, architects of 374 Kansas avenue, Topeka, Kan., have dissolved the partnership existing between them for the past twelve years. Mr. Holland will continue the business at the same location.

COMPETITIONS

The Western University of Pennsylvania, whose buildings are now scattered in the former city of Allegheny and Pittsburgh, has acquired in the latter city a new site of about forty-three acres near Schenley Park and will at once begin thereon the construction of a group of buildings, intended ultimately to house all departments of instruction. This project has been placed in the hands of its Executive Committee by the Board of Trustees of the University.

To secure a suitable plan scheme for this project, the University will hold a competition among architects, under the terms of a program prepared by Professor Warren P. Laird of the University of Pennsylvania. The prize of this competition will be the commission to design and supervise the first building to be constructed, that for the department of the School of Mines, for which a fund of \$175,000 is now available. And it is quite likely that the University will place in the architect's hands also certain other buildings whose construction is hoped for at a comparatively early period.

Furthermore, since it is important that the general plan scheme be carried into ex-

ecution by its author, he would be the natural and logical selection, under the policy inaugurated, to supervise the erection of future buildings.

The competition will be open to all architects of whose professional standing and ability to execute large work the committee receives satisfactory evidence. Three architects from without Pittsburgh have been especially invited and will be paid \$1,000 each for their services in submitting designs, while to those other three who rank highest in merit will be awarded each a like fee.

Any such payment due the architect awarded the competition will apply on account of his fee as architect of the building.

The program will be ready about February 15, and drawings will be called for about April 15. It is intended to simplify the work in every possible way, for it is absolutely essential that the actual construction of the first building be begun by June 1. To facilitate this, the general plan will be regarded as a preliminary study only, for whose subsequent re-study due provision will be made in the program. The general plan must, however, determine the permanent location of the group comprising the building first to be constructed and competitive designs will comprise the preliminary study of this building.

Architects desiring to enter the competition are requested to write for the necessary application forms to Dr. S. B. Linhart, Secretary of the University, 802 Home Trust Building, Pittsburg, Pa.

SOCIETIES

Preliminary announcement has just been received of the VIII International Congress of Architects to be held in Vienna from the 18th to the 24th of May. The announcement states that his Majesty the Emperor has consented to be patron and a number of very prominent men have accepted the positions of honorary presidents. The programme includes the formal opening of the Congress in the Chamber of Ceremonies in the I. R. Palace; a rout in the rooms of the Jubilee Art Exhibition at the Picture Gallery (Künstlerhaus), arranged by the Vienna Artists' Association, a trip on the River Danube combined with an excursion up the Kahlenberg and an evening fête arranged by the Austrian Association of Engineers and Architects; an excursion to Semmering; a reception at the Town Hall and a fête at the Imperial Court.

The committee of the American Section comprises the following persons: William S. Eames, F. A. I. A., chairman; Francis R. Allen, F. A. I. A.; Glenn Brown, F. A. I. A.; George B. Post, F. A. I. A., and George Oakley Totten, Jr., A. A. I. A., secretary, 808 Seventeenth street, Washington, D. C. Mr. Totten will be glad to furnish any further information that is desired.

At the annual meeting of the Minneapolis Architectural Club, held in the Times Arcade Building, Jan. 13, the following officers were elected: President, A. R. Van Dyck; vice president, N. E. Worn; secretary, G. E. Wiley; treasurer, L. O. Kirk; directors, W. F. Maine and B. H. Stahr.

TORONTO, ONT., January 16.—The convention of the Ontario Association of Architects was concluded yesterday. Mr. H. B. Gordon was elected president, in succession to Edmund Burke. John W. H. Watts, of Ottawa, was elected first vice-president; Geo. K. Gouinlock, second vice-president, and A. H. Gregg, treasurer. Mr. W. R. Gregg will continue to act as registrar.

The Portland Association of Architects at the last meeting elected the following officers to serve for the current year: President, Emil Schacht; vice-president, Joseph Jacobberger; secretary, Otto Klee-man; treasurer, C. C. Robbins, and trustee, Carl Sick.

The Ontario Architects' Association will ask President Falconer to establish a department of architecture in connection with the University of Toronto.

A lecture course on Greek and Roman architecture and sculpture will be given by Professor Washburn to the students of Berkeley University.

INDUSTRIAL INFORMATION

HOT-AIR FURNACE.

The Lennox Furnace Company, of Marshalltown, Iowa, has enjoyed almost unprecedented prosperity during the last three years. In that time its factory equipment has been trebled in size. The Torrid Zone Steel Hot-Air Furnace is a product of this company, and to the favor with which these furnaces have been received is due the expansion of their business. These furnaces are built of heavy steel plates riveted together, with hydraulic power, like a steel boiler. The seams are caulked gas type of hot-air furnace over the cast iron sections entirely enclosed within the steel shell. The advantages claimed for this type of hot-air furnace over the cast iron are tight joints, rendering leakage of gas and soot into the air chamber impossible, and quicker radiating qualities. The Lennox Company claim an output of nearly 5,000 furnaces per year, distributed from Pennsylvania to the Pacific Coast, and from Texas to Winnipeg.

CONCRETE ROOFING.

We are in receipt of a booklet from the Waterloo Concrete Roofing Company, calling attention to a new cement shingle machine and its product. Among the claims made for the machine are the following: Simple in construction; capable of being operated by one man; no power required and does not require skilled labor. Points of advantage claimed for the concrete shingle include the following: Ease of laying; improves with age and exposure; water, fire and weather proof; strong, light and of uniform quality; unfading colors; durability.

THE HOME SHOW.

Announcement has been made of the forthcoming "Home Show," to be held at the Grand Central Palace, New York City, from May 2 to 9, inclusive, under the direction of the Home Exhibits Company, Inc., of 52 Broadway, New York. This exhibition should prove of interest to architects, decorators and materials men, as it is expected that thousands of prospective home owners will visit the exhibits for the pur-

pose of gaining ideas for contemplated homes. With the prospect of 26,000 new suburban homes around New York the coming year, this exhibition should be well attended. Application for space may be made to the Home Exhibits Co., Inc., 52 Broadway, New York.

REAL FIRE PROTECTION.

The Barrett Manufacturing Company issue many interesting pamphlets describing the merits of Barrett specification roofs, and one of the most attractive is just received, entitled "Real Fire Protection."

In this pamphlet are a number of illustrations of fires through which the Barrett roofs have successfully passed. These pamphlets may be had by parties interested for the asking.

CONCRETE STONE.

The Economy Manufacturing Company of New Haven, Conn., manufacture for purposes of ornament and utility a concrete stone of various colors and composition. The component parts of this stone are a quartz containing yellow and black aggregates, or, in the case of work requiring a light surface, white quartz is used. The quartz is mixed with cement in proper proportions, and cast in moulds of desired form.

When removed from the moulds the "stone" may be given a surface or texture by treating it with a process similar to a rubbing bed. This treatment reveals the black aggregates and produces a mottled surface in the case of the darker quartz, while with the lighter the result is a "glitter," giving an animated surface.

This cement stone has been successfully used on a number of important buildings, notably some of the group of the newer structures now in course of erection at West Point.

WHITE PORTLAND CEMENT.

Since the earlier days of the manufacture of Portland cement in America, chemists have been striving to attain a correct combination of true Portland cement properties that would produce a practical white cement.

Long before its discovery its important advantages were realized, but never so thoroughly as now, when its availability for many artistic and economic uses is apparent. The Art Portland Cement Company, of Kimmell, Indiana, have issued an illustrated pamphlet setting forth the advantages of this white Portland cement, which contains much valuable and interesting information.

ROLL SCREENS.

The Invisible Roll Screen Company, 446-456 Adelphi street, Brooklyn, N. Y., have placed a roller screen on the market, for which the following claims and statements are made. The screen is made entirely of metal and finished to harmonize with the trim of the room. It is out of sight when not in use, and is never between the eye and the window pane, does not interfere with cleaning the window and can be left in place the year round. The mesh is fine and keeps out the dust better than ordinary screens. The company is always glad to furnish information.

BOOK NOTES.

SANITATION OF PUBLIC BUILDINGS. By William Paul Gerhard, C. E. 12mo., cloth, 262 pages. New York: John Wiley & Sons. London: Chapman & Hall, Limited. \$1.50.

The sanitation of buildings built to accommodate large numbers of people has been an important and interesting problem at all times to architects engaged in this class of work.

While many books on this topic have been published in Europe, there has really been no authoritative publication in America until Mr. Gerhard's admirable presentation of the subject.

The author's appreciation of the importance of his subject is evidenced by the fact that his opening chapters are devoted to the sanitation of hospitals. These chapters are followed by equally well written descriptions of the needs of churches and schools, and the work is concluded by a special chapter on the sanitation of markets and abattoirs.

A valuable addition to the work is the bibliographies given of American, English, French, and German works, pamphlets, and reports. This feature is of special value to libraries and the students in search of authoritative reading on sanitation.

SWIMMING POOLS. Their construction; mechanical installation; water supply; heating the water; various types of installations adapted to different conditions; with thirty illustrations and charts. By John K. Allen. Cloth, 63 pp. Published at Chicago by Domestic Engineering.

In a condensed and practical form this little book holds between its covers a vast amount of valuable information on swimming pools. It treats intelligently and clearly every known condition of location. To the architect with a problem in swimming pool construction we can commend this book as a helpful guide.

AMERICAN COLUMN CO., LTD., Battle Creek, Michigan.

An illustrated catalogue of thirty-five pages, describing their wooden lock-joint columns and pilaster for exterior and interior application, either on new structures or in the remodeling of old ones.

The catalogue admirably illustrates the ready application of these columns to low cost houses, as well as to the most expensive ones. The use of columns made by this company for pergolas and other features of the formal garden is well shown.

THE INVESTIGATION OF NEW YORK'S FIRE DEPARTMENT.

During the investigation now being made by the Commissioners of Accounts as to the efficiency of apparatus and machinery of the Fire Department of this city, there was disclosed conditions that constitute a menace not only to property, but to life as well.

Fire Chief Croker, in his testimony before this Commission, bluntly stated that

not alone was the department handicapped by poor hose, but that the water mains throughout the city could not stand the pressure that might be put upon them in cases of emergency. It was further stated by Chief Croker that the fire alarm and telegraph service of the city was worn out and antiquated and that the present fire headquarters building was not fireproof, and in case of a serious fire at headquarters, the entire alarm and telegraph system of the city would be crippled.

Replying to a question put to him by Commissioner Mitchell as to what in his opinion were the pressing needs of the department, Chief Croker read out these recommendations:

The appropriation of \$2,500,000 to provide a new fire alarm system and telegraph system to replace the existing old and worn out system.

The construction of new fire headquarters that shall be thoroughly fireproof, so that there shall be no danger of the alarm and telegraph system being even temporarily out of operation.

The appropriation of \$150,000 annually for new apparatus and repairs to the apparatus in use.

That provision should be made every year for providing the department with 150,000 feet of 2½-inch hose, 50,000 feet of 3-inch, 50,000 feet of high-pressure hose, 10,000 feet of 3½-inch hose and 10,000 feet of 1½-inch.

Providing the department with six extra large hose carts to carry the hose needed for the new high-pressure service pipes.

The equipment of the city with new hydrants.

The establishment of a new training school, preferably in some open locality, such as could be obtained in Queens, where experimental fires could be started for the training of men on probation.

An appropriation by the city of money sufficient to provide for fifty additional companies and the doing away with all volunteer companies.

Chief Croker testified that the most important of all these recommendations were the two relating to hose and to the new fire alarm and telegraph system. And when he was asked by Commissioner Mitchell to give his opinion as to which he considered the city was more in need of Chief Croker replied that the first attention should be given to new hose.

All this comes as a surprise to New Yorkers who have prided themselves on their fire department. That the personnel of the department is of the highest efficiency has been too often proved to admit of any doubt.

We have no doubt that the men in charge of the executive bureaus of our Fire Department will take every precaution that our firemen, already imperilled by poorly enforced building laws, have not the added danger to confront of poorly constructed apparatus.

While referring to the Boyerstown Theatre fire, we commented on the general failure to recognize apparent danger until awakened by some great disaster. The present investigation is timely, and the example may well be followed by other cities

Building News

MAINE

PORTLAND.—A \$1,000,000 fire occurred Thursday night, which destroyed the City Hall and police buildings, together with several business buildings.

NEW HAMPSHIRE

NEW CASTLE.—Press reports state that the government contemplates the expenditure of \$400,000 on a new military post. The land has already been purchased.

MASSACHUSETTS

DORCHESTER.—It is said that the Dorchester Center Club accepted the plans of a club house furnished by W. L. Terhune. The building will cost about \$50,000. Chester Greenwood is secretary of the club.

NORTHAMPTON.—It is stated that the erection of a new city hall to cost \$200,000 is being agitated.

SPRINGFIELD.—It is probable that the sum of \$5,000 will be authorized with which to carry out an architects' competition for the proposed new city buildings.

RHODE ISLAND

PROVIDENCE.—It is stated that a resolution has been introduced in the Legislature to appropriate \$75,000 for the benefit of the Rhode Island College of Agriculture and Mechanics' Arts. This money is to be used for the erection of new buildings.

CONNECTICUT

BRIDGEPORT.—The Board of Education is said to be considering the erection of a new high school.

MERIDEN.—According to reports, land has been bought for the new armory, which is to cost about \$90,000. Architects not named.

NORWICH.—It is reported that a \$20,000 parochial school is to be erected for St. Boniface R. C. Church, Rev. Joseph A. Schaele, pastor.

ROCKVILLE.—Press reports say that W. H. Preston has given \$50,000 toward the establishing of a city hospital.

NEW YORK

BALLSTON SPA.—Reports state that the Hide-Franklin Mineral Spring and Hotel Company will build a large summer hotel on Malta avenue.

BROOKLYN.—It is stated that a large new apartment house will be erected at Prospect place and Washington avenue. Plans by Architect F. S. Lowe, 26 Court street, provide for a four-story building, measuring 120x140 feet. It will be built of brick and stone, with composition roof, hardwood finish, bath-room and laundry fixtures, dumb waiters, and the latest improvements. Approximate cost, \$120,000.

According to report six store and dwelling houses will be built at the southwest corner of Jamaica avenue and Enfield street by C. Buehl, 22 Jerome street. The buildings will be three stories high, measuring 25x72, 21x73, and 25x70 feet. They will be built of brick and stone, to contain store and five apartments, and the cost will be \$48,000 total.

NEW YORK CITY.—Plans have been filed for four five-story brick stores and tenements, each 40x98 and 65.4x99, to be erected at Jennings street, southwest corner of Intervale avenue. Robertson & Gammie, owners; J. C. Cocker, architect; cost, \$160,000.

Plans have been filed for the erection of a six-story brick and stone store and tenement at 254 Monroe street for Joseph Warn, cost \$30,000. Samuel Sass, architect.

The Mayor has approved the ordinance appropriating \$50,000 for the erection of additional stories to the City Court Building for the use of the City Court.

It is reported that Architects Carrière & Hastings have modified the plans for the new theatre at 63d street and Central Park West so that the cost will be reduced about \$300,000, and that it is hoped to resume work about April 1st.

It is stated that plans are in course of preparation in the office of Architect Nathan Langer, 81 E. 125th street, for a bachelor apartment house to be erected on 123d street, near Mt. Morris Park. It will be an eight-story building of brick, stone and iron, with composition roof, hardwood finish and floors, steam heat, electric wiring, hot water supply, elevators, tile and mosaic work, etc. Approximate cost, \$75,000.

The property at the northeast corner of Avenue B and 10th street, recently purchased by S. Golding, 230 Grand street, will be improved by the erection of a modern flat building, it is reported, plans for which have been prepared by Architect Samuel Sass, 23 Park Row. Plans provide for a six-story building, measuring 47x85 feet, to cost about \$70,000.

Four store and flat houses are reported about to be built at the southeast and southwest corners of St. Nicholas avenue and 180th street, by Stephen J. Egan, 561 W. 186th street, from plans by Architects Neville & Bagge, 215 W. 125th street. The buildings will be five stories high, measuring 25x95, 25x90, and 27x88 feet, and will cost about \$100,000 total.

It is said that John Reisenweber will, during this year, erect a large annex to his hotel and restaurant at the southwest corner of Fifty-eighth street and Eighth avenue, on the site of the old two-story brick structures which he owns at Nos. 981 to 985 Eighth avenue, adjoining the corner. To be twelve stories in height, the annex will cover a plot 75x100, and have an "L" 20x100 running through to Fifty-eighth street, there adjoining the rear of the corner property.

Two flat buildings are reported about to be built on the east side of Park avenue, north of 183d street, by F. M. Mellert, 1692 Monroe avenue. The buildings will be four stories high, measuring 24x95 feet. Approximate cost, \$42,000.

Messrs. Murray & Hill, 617 W. 130th street, it is said, will start early this spring on the erection of the large new store and flat house which they are contemplating erecting at the southwest corner of St.

Nicholas avenue and 165th street, at a cost of about \$130,000. J. C. Cocker, 103 E. 125th street, is the architect, and plans show a six-story building, measuring 86x110 feet. It will be built of brick and stone and have the usual run of improvements. Owners superintend and buy all material.

It is reported that five tenement houses will be built on the east side of Clay avenue near 160th street, by Albert J. Schwarzler, 1340 Brook avenue, at an estimated cost of \$300,000. The buildings will be five stories high, measuring 35x70 feet. Owner superintends and buys all material.

It is reported that Architect Donn Barber is preparing plans for a Colonial Club house to be erected on the site of the old Castleton apartment house for the Lotus Club. Cost, \$300,000.

James P. Knight is said to be about to erect at Nos. 215 and 217 West Forty-ninth street a six-story and basement fire-proof garage that can be used also as a loft building. With a facade of limestone, brick and terra cotta, and a copper cornice, the structure will have metal ceilings, metal window and door frames and wired glass. There will be side as well as rear windows. The cost will be \$50,000.

The Senate has passed the bill appropriating \$3,500,000 for the erection of a post office building in New York on the Pennsylvania Railroad terminal site. The building will stand on the east side of Eighth avenue, between 31st and 33d streets. The lot is 415 feet deep. It was bought by the Government for \$1,660,000.

Information is at hand that six apartment houses will be built on Washington Heights at a cost of \$500,000. G. F. Pelham, architect, 503 Fifth avenue, is preparing the plans. The structures will be six stories high. They will stand on the north side of 143d street, between Broadway and Hamilton place. Each will be 70.10x86 feet.

Bids are asked until 2:30, February 4, by Robert W. Heberd, Commissioner Public Charities, for the completion of the abandoned contract of the Church Construction Company, dated December 12, 1903, for the erection and entire completion of the new municipal lodging house in the Borough of Manhattan, situated approximately 400 feet east of First avenue, and on the southerly side of 25th street, the city of New York, together with the abandoned supplemental contract, dated June 7, 1907, for the completion of a boiler pit, caisson work, new foundation work, etc.

NYACK.—It is reported that a large new hotel will be erected at Nyack on the Hudson by Henry J. Lippe, of that place, from plans and specifications by Louis C. Maurer, 22 E. 21st street, New York, at an estimated cost of \$40,000.

OSWEGO.—It is reported that a site for the new Normal School will soon be selected. This will be followed by preparation of plans and letting of contract.

POUGHKEEPSIE.—It is stated that Ewing & Chappell of 345 Fifth avenue, New York, have been commissioned to prepare plans

for a \$75,000 chemistry building for Vas-sar.

NEW JERSEY

JERSEY CITY.—It is reported that bids are being received by Eugene Ciccarella, Second National Bank Building, Hoboken, for a synagogue to be erected for the Mt. Sinai Congregation, Jersey City Heights, at a cost of \$30,000. It is to be of brick construction, two stories high, 37x83 feet.

PHILLIPSBURG.—The Board of Education, it is stated, has voted to erect an annex to the High School, costing about \$47,000.

PENNSYLVANIA

EASTON.—It is stated that A. A. Richter, architect, Lebanon, Pa., is about to let contracts for a seven-story bank and office building, to be built at Easton for the Northampton National Bank. Granite, brick and reinforced concrete, architectural and structural iron and steel are to be used for construction. Cost, \$200,000.

ELIZABETHTOWN.—Architect M. I. Kast of Harrisburg, writes that the new school building to be erected will contain ten rooms beside an auditorium on the third floor.

HAGERSTOWN.—It is reported that A. W. Munson will build a new store building to care for his increasing business. The building will be 38x240 feet and three stories high.

HAZLETON.—Reports state that Architects Milligan & Webber will invite estimates in a few days for a one-story granite bank building, 60x80 feet, for the First National Bank of Hazleton.

JOHNSTOWN.—It is stated that the issuing of \$100,000 bonds for school houses has been authorized.

McKEESPORT.—The Board of Education of McKeesport will receive applications of any architect desiring to submit plans and specifications on the proposed new school building to be erected on the site recently purchased at the corner of River and Butler streets. Applications to be filed with the undersigned not later than Monday, February 3, 1908, at 5 p. m.—W. T. Norton, Secretary.

PHILADELPHIA.—It is stated that Architects Stearns & Castor have been commissioned to prepare plans for a large flat house at Oxford road and Frankford avenue.

Plans are reported completed for a new fraternity building to be erected at 3605 Locust street for the Delta Psi Fraternity of the University of Pennsylvania. It will be a three-story building, measuring 50x90 feet. It will be built of brick and stone, with tile roof, hardwood finish and floors, steam heat, electric light, etc.

According to report work will soon be started on the erection of the new church, which is to be built for the Roman Catholic Parish of St. Adelbert. It will be located at the corner of Allegheny avenue and Thompson street, from plans by Architect Louis Giele, which provide for a one-story building of brick and stone. A parsonage will also be erected. The cost of both buildings will be about \$80,000.

It is reported that an addition will be built to the dormitory building of the University of Pennsylvania, at 34th and

Spruce streets, from plans and detailed specifications by Cope & Stewardson, architects. Designs provide for a four-story building of brick, stone and iron. It will be of fireproof construction, and have slate roof, hardwood finish, steam heat, electric light, tile and mosaic work, etc.

PITTSBURG.—Reports state that Architect C. Barton Keen of Philadelphia has been retained by Mrs. Nettie McKee Graham to prepare plans for a new \$30,000 residence.

Bids will be received until February 2 by Joseph G. Schuler, 2326 Idlewild street, Pittsburg, Secretary Homewood Sub. School District of the 21st Street Ward of the City of Pittsburg, for \$100,000 bond.

It is said that the Ben Franklin Fire Insurance will build a new office home on Ohio street, northside.

SCRANTON.—Press reports state that it is likely that a \$25,000 hospital will be built in North Scranton. President F. Hartzell of the Board of Trade may be able to give further information.

OHIO

AKRON.—Steps are being taken looking toward the erection of a new central police station for the entire force. Building to cost \$50,000.

BRADFORD.—Bids will be received until February 10 by J. T. Arnold, Clerk Board Education, Bradford Village School District, Darke and Miami Counties, at Bradford, for \$40,000 bonds, to be issued for the purpose of erecting and furnishing a school.

CINCINNATI.—It is said that Architect Hake will immediately begin work on the plans for a \$30,000 police station to be erected at the corner of Considine and Warsaw avenues.

CLEVELAND.—The members of the Windermere Methodist Church (Rev. N. W. Stroup, pastor), it is stated, are planning to erect a \$65,000 institutional church.

CONNEAUT.—It is stated that R. E. Mygatt, Clerk Board of Education, will receive bids until February 3 for \$70,000 school bonds.

DELAWARE.—It is stated that a bill has passed both the House and Senate at Columbus appropriating \$30,000 for the erection of a hospital at the Girls' Industrial Home at Delaware.

LIMA.—The Commission appointed to select a site and arrange for the erecting of a State Hospital for the Insane is reported to have selected a site in Lima and has recommended to the Governor the appropriating of \$200,000 for the work.

TOLEDO.—It is stated that the Toledo Railway & Light Company (J. T. Ross, Chief Engineer, Toledo) intends erecting a \$350,000 passenger and freight station here for the use of the interurbans.

INDIANA

AUBURN.—Bids will be received until noon, February 7, by County Commissioners, for the construction of a new county asylum.

CROWN POINT.—It is reported that Beers & Beers of Chicago, Ill., have submitted plans for remodeling the county jail at a cost of \$60,000.

GARY.—It is stated that the following

buildings will probably be erected during the coming year: Masonic Temple, Commercial Club building, to cost \$20,000, and a \$50,000 telephone exchange for the Chicago Telephone Company.

MUNCIE.—It is reported that the Sisters of St. Joseph have advertised for bids for the construction of a hospital to cost from \$90,000 to \$100,000.

ILLINOIS

CHICAGO.—The members of St. Paul's English Lutheran Church, N. Washtenaw avenue and Hirsch street, it is reported, are contemplating the erection of a Children's Home, to cost about \$35,000.

Reports state that a large new apartment house to cost about \$50,000 will be erected at Washington boulevard and Colorado avenue by W. G. Glover, 108 La Salle street.

The Board of Education is reported to be considering the erection of a high school in the Hamilton Park suburbs.

It is reported that a large new apartment house will be built at the northwest corner of 49th street and Langley avenue for W. P. Hall, from designs by Architect Thomas McCall, 9 Jackson Boulevard. The building will be three stories high, covering 100x132 feet. It will cost \$60,000.

MICHIGAN

AGRICULTURAL COLLEGE.—It is stated that bids will be received on February 11 for the erection of a building, to cost about \$125,000.—A. M. Brown, Secretary Michigan Agricultural College.

DETROIT.—Press reports state that the Gleaners' organization will erect a \$50,000 building for their headquarters. James Slocum, manager of the Gleaners, says that the present quarters in Caro, Mich., are too small.

James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., has decided to reject all bids recently received for the construction of an extension to the Detroit post office, and will prepare new plans providing for an additional story.

HOUGHTON.—It is reported that the Italian Benevolent Society will rebuild their hall recently burned. The new building will cost approximately \$30,000.

WISCONSIN

CRANDON.—A resolution is reported passed by the County Council to erect a Court House, County Jail and Sheriff's residence at a cost of \$85,000.

DELAFIELD.—It is reported that the directors of St. John Military Academy have decided to erect a gymnasium at a cost of \$40,000.

STEVENS POINT.—Walter H. Gmeiner, of Appleton, it is stated, has prepared plans for a residence here, to be erected at a cost of \$25,000.

MISSOURI

KANSAS CITY.—The Christian Brothers' Society are reported to be planning the erection of a new school building in the near future, which is to cost \$70,000.

ST. LOUIS.—The St. Louis Lodge of Elks voted to spend \$25,000 for an addition to the

clubhouse at No. 3617 Lindell Boulevard, which will be used for a lodge room.

SPRINGFIELD.—City contemplates voting on issuance of from \$30,000 to \$50,000 of bonds for enlargement of schools.

IOWA

DES MOINES.—Bids will be received about March 15 by the Board of Public Works for the erection of the proposed City Hall, to cost about \$250,000. Proudfoot & Bird, Crocker Building, are architects; W. W. Wise is chairman.

MASON CITY.—The Directors of the City National Bank, it is stated, are considering the erection of a new building to cost about \$60,000.

MINNESOTA

DULUTH.—It is reported that Architect W. A. Hunt is preparing plans for two steel business structures to be erected at the corner of Superior street and Lake avenue.

NEBRASKA

FAIRBURY.—Steps have been taken for the erection in Fairbury of a Carnegie Library building.

OMAHA.—P. H. Updike, it is reported, will erect a \$20,000 residence at 38th street and Dewey avenue.

SUPERIOR.—The plans of A. W. Grant of Beatrice are reported to have been accepted for a high school, to cost about \$25,000.

KANSAS

FORT LEAVENWORTH.—Secretary Taft recommends the following appropriations: For the military prison at Fort Leavenworth, \$200,000; for a power plant at the military prison at Fort Leavenworth, \$60,000.

WINFIELD.—It is reported that the County Board will consider plans March 1 for a Court House, Jail and Jailer's residence, estimated to cost \$80,000.

COLORADO

COLORADO SPRINGS.—Sealed proposals will be received at the office of the Supervising Architect, Washington, D. C., until 3 o'clock p. m., on the 2d day of March, 1908, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the United States Post Office and Court House at Colorado Springs, Colorado, in accordance with drawings and specification, copies of which may be had at this office or at the office of the Custodian of the Site at Colorado Springs, Colorado, at the discretion of the Supervising Architect.

It is stated that the members of Pike's Peak Lodge, No. 38, I. O. O. F., are considering the erection of a lodge building costing about \$35,000.

DENVER.—It is reported that F. A. Ryan will erect an apartment house to cost between \$60,000 and \$70,000 at the corner of Colfax and Lincoln avenues. Plans are being prepared.

MONTANA

MISSOULA.—It is said that bids will be received by the University Library Building Commission up to February 15 for the erection and completion of a library building for the University of Montana, ac-

cording to plans and specifications on file in the office of the architect, A. J. Gibson, at Missoula, Mont.

MARYLAND

BALTIMORE.—Six Baltimore clubs are trying to perfect an arrangement for financing a proposition for a club house in common. The clubs reported interested are: Charcoal Club, Engineers' Club, Photographic Club, German Technical Society, Architectural Club, Institute of E. E.

It is reported that the Presbyterian Association, of which Mr. Joseph Clendenin is president, contemplate the building of a new church in Northeast Baltimore at the corner of Luzerne and Monument streets.

DISTRICT OF COLUMBIA

WASHINGTON.—Dime Savings Bank, Ouray Building, 8th and G streets N. W., is reported to have purchased the May Building, northeast corner 7th and E streets, and will remodel structure for banking and office purposes, laying mosaic floors, with marble trimmings; installing elevator, etc.; cost about \$30,000.

It is stated that Holy Trinity R. C. Church, Thomas S. Harlin, rector, 1323 36th street N. W., will erect new school and parish hall, to cost about \$60,000, at northeast corner 36th and N streets, N. W.

VIRGINIA

RICHMOND.—There are reports that new bids may be asked for all or part of the work for the new High School. The lowest bid was \$339,233.

Episcopal Church of the Holy Comforter, it is reported, will erect edifice at a cost of between \$60,000 and \$70,000; plans have been prepared by Carl Ruehrmund; Rev. John H. Dickenson, rector.

It is stated that competitive plans have been asked which are to be submitted to the Building Committee on February 5 for the Y. M. C. A. Building.

WEST VIRGINIA

ELKINS.—Bids are asked until noon, February 7, by John A. Bock, Chn. Com., Farmington, W. Va., for erecting a three-story building, 150x130 feet, for the Odd Fellows' State Home, at Elkins. Alexander & Chaplin, New Martinsville, W. Va., are architects. Cost, \$150,000.

KENTUCKY

CALHOUN.—It is stated that McLean County will rebuild Court House recently reported burned; architect not engaged; plans not decided. Address McLean County Commissioners.

TENNESSEE

CHATTANOOGA.—Reported that W. D. Spears, Theo. F. King and E. B. Craig will erect residences, expending probably \$100,000.

KNOXVILLE.—The Hippodrome Company has secured a permit for the construction of a \$50,000 building. Address Charles McNabb for information.

MADISONVILLE.—It is reported that Monroe County will erect a high school building here. The high school board is composed of H. C. Stephens, J. L. Bachman,

W. Morris Harrison, Pleas Henry and W. E. Fowler.

NASHVILLE.—It is reported that the \$50,000 necessary for the new Y. M. C. A. home will soon be subscribed so that definite plans can be secured.

NORTH CAROLINA

GREENSBORO.—State Normal and Industrial College is reported to have adopted plans by Hook & Sawyer, Charlotte, N. C., for erection of McIver Memorial Building of Science Hall, to cost about \$100,000; J. I. Foust, president.

The Trustees of Guilford College on January 14, it is stated, decided to replace Kings Hall, which was destroyed by fire January 13 with a \$30,000 structure.

MAXTON.—Bids will be received until February 17 (readvertisement) by the Board County Commissioners (J. W. Carter, Chairman) for \$50,000 Court House bonds.

SOUTH CAROLINA

COLUMBIA.—If a bill introduced in the State Senate by Senator W. J. Johnson of Fairfield is passed the State will erect a new Governor's residence to cost not less than \$30,000.

GEORGIA

ATHENS.—The citizens voted to issue \$75,000 of school bonds; \$50,000 will be used for a new school building and the balance will go to the University of Georgia and make possible the building of a Y. M. C. A. building.

ATLANTA.—It is stated that St. Phillip's Cathedral has had plans prepared by Norman & Falkner for erection of edifice three stories high, probably of brick. Building will contain lecture room, Sunday school room, parish school, dormitories, etc. Right Rev. C. K. Nelson, bishop.

According to report the Bijou Theater Company of Richmond, Va., will erect an opera house here to cost \$80,000. It will be a three-story building of fire proof construction. Edward Okel of Montgomery, Ala., architect.

COLUMBUS.—It is said that the Rose Hill Methodist Church will erect a new house of worship. Address the pastor for information.

FLORIDA

JACKSONVILLE.—It is reported that a permit has been issued for the erection of the Highway M. E. Church.

ORLANDO.—Reports state that the Elks will erect an artificial stone building. L. L. Spencer is the architect.

ALABAMA

BIRMINGHAM.—It is reported that the plans for the new Simpson Methodist Episcopal Church have been accepted and that bids will soon be asked for. Cost, \$50,000.

TUSCALOOSA.—Sealed proposals will be received at the office of the Supervising Architect, Washington, D. C., until 3 o'clock p. m., on the 28th day of February, 1908, for the construction (except elevators) of the United States Post Office and Court House at Tuscaloosa, Alabama, in accordance with the drawings and specification, copies of which may be had at the office of the Custodian of Site at Tuscaloosa, Ala., or at this office, at the discretion of the Supervising Architect.

MISSISSIPPI

FOREST COUNTY.—It is reported that Forrest County will issue \$40,000 of bonds for erection of jail; T. E. Batson, Hattiesburg, Miss., Clerk of Chancery Court.

LOUISIANA

NEW ORLEANS.—A Masonic Temple for the colored organizations will be erected in the future. It was reported that the price would be about \$40,000.

It is reported that the Board of Administrators of Tulane College have decided to build a \$50,000 addition to the chemical building. Plans and specifications will be drawn at once. It is also stated that plans and specifications for a new \$35,000 dormitory will be obtained at once.

OKLAHOMA

SHAWNEE.—It is stated that a new school building will be erected at a cost of \$25,000. Address the Mayor for information.

SULPHUR.—Earl G. Bayless of Claremore is reported to be planning the erection of an addition to the Artesian Hotel, estimated to cost \$100,000.

ARKANSAS

MENA.—It is stated that the plans for the hospital of the Kansas City Southern Railway Employees' Hospital Association, to be built at Mena, have been completed. The building will cost about \$55,000.

PINE BLUFF.—Bids will be received at the office of James Knox Taylor, Supervising Architect, Washington, D. C., until February 21 for the construction, including plumbing, gas piping, heating apparatus, electric conduits and wiring, of United States Post Office at Pine Bluff.

TEXAS

DALLAS.—Plans have been submitted to the Municipal Commission by Chief Engineer J. M. Bassett for the new pumping plant. The estimated cost complete is \$150,000.

FT. WORTH.—Reports state that the Reformed Hebrew Congregation will erect a new house of worship to cost between \$25,000 and \$30,000. Address the rabbi, Dr. Joseph Jaslin, for information.

NEW MEXICO

CLAYTON.—A fine new bank building will be erected, according to report, for the First National Bank, to replace the one recently destroyed by fire.

IDAHO

ST. MARIES.—It is stated that Nelson Likens, a Spokane architect, has prepared plans for a large and magnificent hotel to be erected in this city near the site of the Chicago, Milwaukee & St. Paul depot by Mr. Likens and associates. The cost of the structure, according to plans, will approximate \$70,000 to \$75,000, including furnishings.

UTAH

SALT LAKE CITY.—It is stated that Architects Headlund & Wood, Mackintosh Building, will receive bids until February 1 for erecting a two-story, 80x110 foot press brick and sandstone, structural iron and steel edifice for the First Baptist congregation. Probable cost, \$45,000. Rev. A. D. Brown, pastor. It is stated that the Mutual Realty Company has decided to erect a \$100,000 apartment house on Second street and Brunswick avenue.

NEVADA

RENO.—It is stated that Clarence Mackay, president of the Postal Telegraph Company, New York, intends expending \$100,000 beautifying the grounds of the University of Nevada surrounding the statue of John W. Mackay. Bliss & Faville of San Francisco, Cal., are the architects.

CALIFORNIA

HOLLISTER.—The School Board, it is reported, has decided to erect a school costing about \$30,000.

LOS ANGELES.—Alfred F. Rosenheim, H. W. Hellman Building, is said to have prepared plans for the building to be erected at 7th and Olive streets for the Los Angeles Athletic Club at a cost of about \$500,000.

It is stated that arrangements are being made for a four-story dairy establishment to be erected at the northeast corner of 12th street and Towne avenue. The building will house the Consolidated Creamery companies and may cost nearly \$100,000.

SAN DIEGO.—It is stated that C. S. Winchel, a recent arrival from Berkeley, Cal., will build a 60-room apartment house on D near 26th street, at a cost of \$25,000.

SAN FRANCISCO.—The following building permits are reported issued:

S. Hayes, between Baker and Lyon: To erect 3-story brick hospital. Estimated cost, \$100,000. Owner, S. P. Co.

NW Leavenworth and Sutter: To erect 7-story brick hotel. Estimated cost, \$100,000. Owner, W. M. Hoag.

N. Sacramento, 68 E. Franklin: To erect 4-story frame hotel. Estimated cost, \$65,000.

The members of the Pacific Union Club, it is stated, have had competitive plans submitted for a clubhouse estimated to cost about \$400,000, but have not yet selected the plans to be adopted. The building is to be erected at California and Mason streets.

STOCKTON.—The three Knights of Pythias lodges of this city are reported to have decided to consolidate and build a structure here.

OREGON

BAKER CITY.—It is reported that work on a new Court House will begin about March 15. The basement will be of granite and upper stories of brick. Delos D. Heer of Portland may be able to give further information.

WASHINGTON

BELLINGHAM.—When the County Commissioners fix the next tax levy it is likely that provision will be made for the raising of \$38,000 for the erection of a new County Jail, adjoining the present Court House.

SEATTLE.—It is stated that School Architect James Stephens has completed plans for the building that is to be erected at Columbia Heights. The structure will contain twelve rooms, and is estimated to cost \$30,000.

SPOKANE.—It is reported that an apartment house costing about \$25,000 is to be erected on the west side of Monroe street, between Eighth and Ninth avenues, by the Cockett Investment Company, which has just been organized with a capital stock of \$100,000.

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PROPOSALS.

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 20, 1908.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 2nd day of March, 1908, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office and Court House at Colorado Springs, Colorado, in accordance with drawings and specification, copies of which may be had at this office or at the office of the Custodian of the Site at

Colorado Springs, Colorado, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1674-75)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 20, 1908.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 28th day of February, 1908, and then opened, for the construction (except elevators) of the U. S. Post Office and Court House at Tuscaloosa, Alabama, in accordance with the drawings and specification, copies of which may be had at the office of the Custodian of Site at Tuscaloosa, Ala., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1674-1675)

Sealed proposals, suitably endorsed on envelope, for electric light dynamo and engine at New York State Custodial Asylum, Newark, N. Y., will be received up to 10 o'clock a. m. on the 4th day of February, 1908, by Hon. Charles McLouth, president of the board of managers, at New York State Custodial Asylum, Newark, N. Y., when bids will be opened and read publicly.

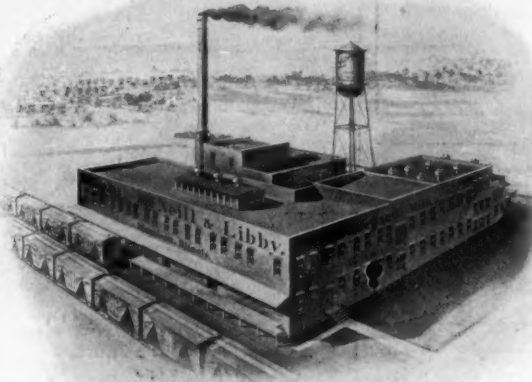
Drawings and specifications may be consulted and blank forms of proposals obtained at the asylum, or by application to Franklin B. Ware, State Architect, Capitol, Albany, N. Y.

Contracts will be awarded to the lowest responsible and reliable bidders, unless the

bids exceed the amount of funds available therefor, in which case the right to reject all bids is reserved. (1675)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 23, 1908.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 5th day of March, 1908, and then opened, for the construction, including plumbing, gas piping, heating apparatus, electric conduits and wiring, of the U. S. Post Office at Red Wing, Minnesota, in accordance with drawings and specifications, copies of which may be had at the office of the Custodian of site at Red Wing, Minnesota, or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1675-76)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 23, 1908.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 4th day of March, 1908, and then opened, for the construction (complete) of the extension to the U. S. Post Office, Court House, and Custom House at Duluth, Minnesota, in accordance with the drawings and specification, copies of which may be had at this office, or at the office of the Custodian at Duluth, Minnesota, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1675-76)



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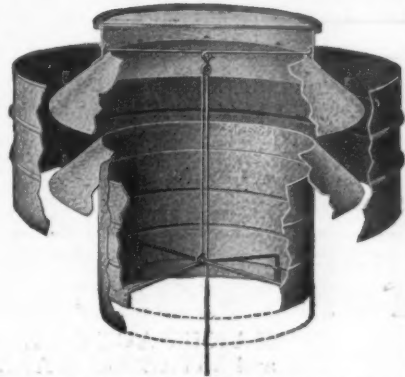
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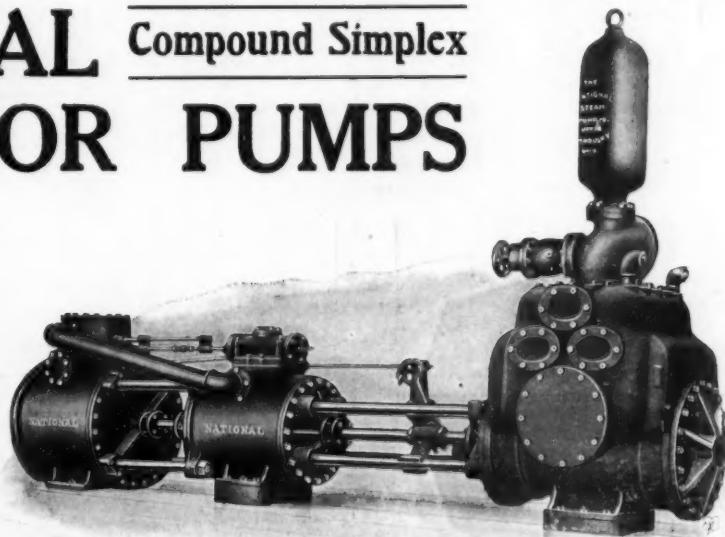
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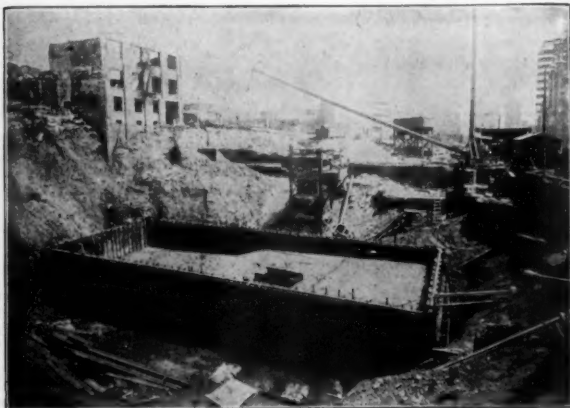
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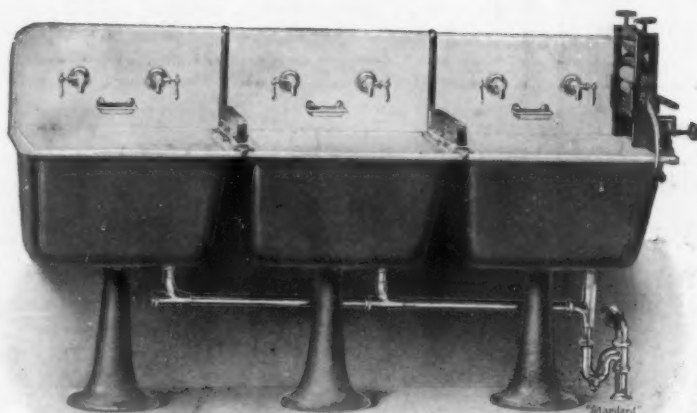
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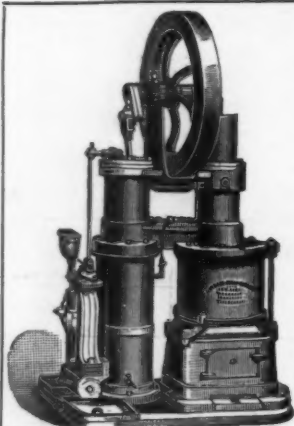
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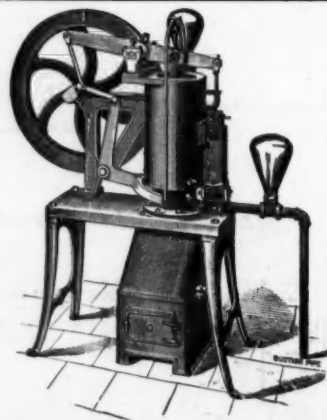
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