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CONTENTS.

SUMMARY:—

Proposed Reimposition of a Duty on Works of Art.—Private Importation of Works of Art an eventual Benefit to the Public.—A Squabble between Trades threatens a General Strike at the Columbia University Buildings.—The Biennial Report of the Wisconsin Bureau of Labor.—The Length of the Labor Day as seen by Workmen.—The Frequency of Pay-Days, and its Bearing on Economical Living.—A Lecture on Viterbo.—The Final Plans for the Exposition of 1900.—The Regulations for the "Contemporary Exhibition."—The Krupp Establishment. 97

THE TWELFTH LEAGUE EXHIBITION.—II. 99

LETTER FROM WASHINGTON. 100

LETTER FROM PARIS. 101

BOOKS AND PAPERS. 103

ILLUSTRATIONS:—

Outer Face of the Berlin Gate, Stettin, Prussia.—Roman Ruins, Tingad, Algeria.—The Fowle Block, Arlington, Mass.—The Maugus Club-house.—Font for Grace Church, New York, N. Y.—Chapel at Le Mans, France.—Extension of the North Museum for the Stockholm Exhibition of 1897.

Details from the Church of St. Saviour, Dinan, France.—XIII-Century Palace on the Via del Melangolo, Viterbo, Italy.

Additional: Inner Face of the Berlin Gate, Stettin, Prussia.—Detail of a Hotel de Ville.—Winchester Cathedral, Eng.—West Front.—Fire-station, Fulham Road, London, Eng.—The Cripplegate Institute, Golden Lane, London, Eng. 103

COMMUNICATION:—

Inquiries on Architectural Acoustics. 104

NOTES AND CLIPPINGS 104

EVERY one who hopes for the advancement of art in this country ought to make his voice heard in protest against the clause in the Dingley bill, imposing a duty of twenty-five per cent on works of art, ancient and modern. It is not pretended that there is any protection to American art involved in the measure, and, indeed, more than twelve hundred artists petitioned for the removal of the tax imposed under a former tariff; and Washington gossip says that the duty is inserted simply to gain votes from Southern and Western members of Congress, whose constituents regard books and pictures as luxuries for the effete millionaires of the East, and will applaud any measure for imposing a tax upon them.

IN regard to this view, if it is really held by any Congressman less than seventy-five years old, or by an important part of any Congressman's constituency, which, we doubt, it ought to be enough to say that a very large part, probably much the larger part, of the precious works of art imported from abroad are either given outright by their millionaire owners to the great public museums, where they help to teach and refine hundreds of thousands of their less wealthy fellow-citizens, who could otherwise never see them, or, if not immediately given to the museums, are deposited there, either occasionally or permanently, as loans, or are bequeathed to the public on the owner's death. In this way, nearly every valuable private collection comes before many years, either wholly or in part, into the public treasure, and the public store of the greatest and most beautiful of human works is, in this country, very rapidly increasing through the generosity of those "effete millionaires" who alone have money enough to buy them, and, we might well add, generosity enough to devote their costly possessions to the public advantage. For the public authority to impose a heavy penalty on the importation of such works is not only ingratitude, but folly, for in this country, above all others in the world, the love of art is exercised for the public welfare. We have no dukes or princes to hide their pictures and statues and antiquities in the galleries of their ancestral palaces, and our people have not the disposition to do so if they could. On the contrary, not only is nearly every great work of art in this country either already placed, by private munificence, in galleries open to the public, or held at the disposal of any one who wishes to use it for the public benefit, but everything that has been done here to educate and encourage artists, to found and maintain museums, to fill them with beautiful objects, and to try to disseminate among the people that feeling for beauty which is, much more than Philosophy, the cheering and consoling companion of human life, has been done by private effort and with private money, with, we believe, a single exception, in the case of the Metropolitan Museum in New York,

which, created and endowed in the most generous manner by private citizens, has become so important a factor in the life of the metropolis that the public authority has come to the aid of its incorporators in trying to maintain and extend its usefulness.

A CURIOUS "industrial" controversy is going on in New York. It will be remembered that the Plumbers' and Gas-fitters' Union withdrew some time ago from the Board of Walking Delegates, and that the latter has lately been casting about for means to induce it to come back again, proposing, according to the newspapers, to organize a conspiracy, including the master plumbers, by which the latter shall agree to employ none but union plumbers, and the Board, after receiving the plumbers' union back into fellowship, shall exert its whole power, by means of sympathetic strikes, to drive every non-union plumber and gas-fitter out of the city. A pretext seems to have been found for the commencement of operations in a dispute about the men who put in thermostats for regulating temperature. The few men employed in this new industry applied to the Steam-fitters' Union, which is represented on the Board of Walking Delegates, for admission, but were refused. They then applied to the Plumbers' and Gas-fitters' Union, which was also at that time represented on the Board, and were admitted. When the plumbers and gas-fitters left the Board, the thermostat men went with them. Now, the Steam-fitters' Union has raised a claim that its members alone are entitled to do thermostat work, and a general strike has been ordered by the Board of Walking Delegates in the new buildings in process of construction for Columbia University, to enforce the steam-fitters' claim. It seems a little hard that an honest man, who has learned to do a special kind of work, should have to give up his employment to some one else, whose only qualification for doing the work is that he wants the job; and the fact that the thermostat-men tried to join the Steam-fitters' Union, and live in peace and amity with them, and were repulsed, makes the action of the steam-fitters seem all the harsher; but the Board of Walking Delegates does not waste time in sentiment when it sees a chance to get away some one else's living, and the appeal of the Plumbers' and Gas-fitters' Union to have the controversy arbitrated was rejected. What the result of the dispute will be no one can say, but the matter is exciting much interest in the building world of New York.

THE Seventh Biennial Report of the Bureau of Labor, Census and Industrial Statistics of the State of Wisconsin is a work of genius. We have before referred to these reports as models of the way in which statistics can be made most useful to those who study social problems for practical purposes, but the present issue ventures farther than the previous ones into the province of sentiment, and, although this is done with praiseworthy caution, the result is to present the feelings of certain classes of the people in a way which enlists the deepest interest. It is hardly necessary to say that the inquiries made for the purpose of obtaining the information sought by the Bureau the past year would elicit a good deal of political rant, but the questions were framed in such a way as to exclude this as far as possible, and, although there is a certain amount of designing claptrap in the answers, the Bureau thought rightly that it was best to print some of it, rather than injure, by suppressing it, the truth of the social picture presented. The most striking portions of the book are the returns from farmers, and the answers sent by workmen in reply to a request for their views on the eight-hour day, weekly payment of wages, and other matters relating to labor. Question No. 43, addressed to farmers, invited an expression of opinion as to "the chief causes that lead to a farmer's failure," and was answered by a large number of persons. One class of these replies attributes the financial misfortunes of farmers to "These accursed boards of trade which make it possible to regulate prices regardless of supply and demand"; to "The combination and pooling of all other business enterprises to rob the farmer of his profits, to build up colossal and unnecessary fortunes," or the machinations of the "organized grain-gamblers," and proposes, as a remedy for them, the "free coinage of both gold and silver at the ratio of 16 to 1," the elimination of "overfed and dishonest politicians," the prohibition of "the manufacture and sale of liquor" and the abolition of the fish-hatcheries, from which "not one in a thousand of the citizens of this State derives any benefit." The great

majority of the writers, however, say that "Failure among farmers in this section is hardly ever known"; or that "There is no excuse for a farmer's failure in this country"; and where failures occur, attribute them to "sitting on boxes at the corner grocery, squirting tobacco-juice and telling fish-stories," or "Too little attention to the farm, and too many trips to the city." One writer says that "Many choose farming because they have failed at everything else. No wonder, therefore, there are some who find it hard to make both ends meet on a farm"; an observation which is certainly suggestive, and is, possibly, borne out by an item in the statistics given in another part of the book, showing that, out of five hundred and forty-nine farmers who returned answers to the list of questions forwarded to them, four hundred and forty-three, or eighty-two per cent, had been in other business before they tried farming.

UNDER the head of "Mechanics and Workingmen's Returns," we find the results of a somewhat different experiment. Several hundred workingmen were asked their views on matters concerning labor, and their replies are given, like those of the farmers, without change, except to select those giving the greatest variety of opinion. As the Commissioner observes, the views presented are, to a great extent, the stock theories of the labor orators, but there is often an added personal opinion which is interesting. A blacksmith, for instance, thinks that "Eight hours a day would be a benefit to all laborers"; and that weekly payments make men attend better to their work, for the reason that if one loses a day, "he misses the money directly"; but he adds that "The best means of improving the condition of wage-workers in the State would be the suppression of petty foremen or gang bosses, who are often worse than the slave-masters before the war." Another blacksmith thinks that eight hours is not enough, and that "ten hours is about right for an ordinary day's work"; and a "laborer" says that he "could never see where the eight-hour working-day would help the laborer in large cities where there are saloons"; but the preponderance of opinion is that an eight-hour day "gives the laboring-class more recreation, and more time for improvement"; and several think that if the "initiative and referendum" were at once established, and immigration prohibited for periods varying from five to twenty years, all would be well. One machinist has discovered a defect in the administration of the law, and says that "It is a noted fact that in courts of all kinds it is only a question of which party has the most money." This writer does not think that "any man in the class of skilled labor need complain of ten hours' work"; and another says "Let us be glad to have enough work to keep us busy ten hours a day. Two hours a day more of idleness would be that much more business for saloon-keepers and labor agitators."

ON the whole, although the workingmen's replies contain a good deal of socialistic generalizing, evidently borrowed from agitators and labor newspapers, they show a remarkable amount of intelligence and honorable feeling, and, where they come down from generals to particulars, they afford suggestions of real value. For example, several refer, in a way which shows that they speak from experience, to the evils of the system of paying employes in checks, instead of cash. There is a diversity of opinion as to whether weekly, fortnightly or monthly payments conduce most to prudence on the part of workingmen, but all those who touch upon the subject concur in saying that the result of paying in checks is to send the men to the saloon to have the checks cashed, with the result that a portion of the proceeds, and sometimes all, is left with the saloon-keeper. There can be no question that this represents a real wrong to workingmen, and, if legislation can compel weekly payments, it can, and should, compel payments in cash to workingmen who have no bank account. If corporations find it inconvenient to pay weekly in cash, they could easily comply with the law by providing a banking department in their Treasurer's office, where their own checks should be received, and credited to the depositor, and checks drawn by him against his account honored without discount. It is curious to find that a well-marked dislike and distrust of labor-leaders pervades many of the answers, which, of course, are published without signature, so that their authors cannot be disciplined for what the Socialists call "disrespect." One man says that "Trouble is usually caused by foreigners with blather-skite leaders"; another thinks that "The workingman should keep away from all labor-unions, for many times they

have been the cause of a good man losing a good position"; a painter thinks that "if employes would go to their employers and state their wrongs, it would be better for them, but some unions like to run their employer's business"; and a shoe-maker says that "Employers are often enough unfair to employes, but the workingman, armed with the power of organization, is often still more unjust toward his employer."

FOR the benefit of readers in and near Boston, we will announce that Mr. Edward Robinson, Curator of the Boston Museum of Fine-Arts, will repeat his interesting illustrated lecture on Viterbo, at Association Hall, Tuesday evening, March 30, at 8 o'clock. As the proceeds of the lecture go to the support of one of the most deserving philanthropical institutions in the world—the Sarah Fuller Home, where deaf infants take the first steps in that most marvellous of human undertakings, the acquirement of speech through ocular observation—we hope that there may be amongst our readers some who will send to us a modest contribution which we may add to the lecture fund, even if they may be so fortunate as not to count amongst their own offspring or family connection some member who has been visited with an affliction that modern science is now able to mitigate in so wonderful a manner.

THE definitive plans for the buildings of the Paris Exposition of 1900 are being rapidly finished, and those for the two Fine-Arts buildings are already accepted. The smaller one of these, which will be devoted to a "retrospective exhibition," is to be a permanent structure, and will be handed over to the City of Paris at the close of the Exposition. In the original competition, the design placed first for this building was by M. Girault, who was appointed, in the distribution of the work, architect of it, and his original design is to be carried out substantially without change. The other building, a much larger one, will contain the modern exhibits. Both the designs are particularly stately and magnificent, and will add much to the architectural effect of the exhibition. According to the foreign journals, the Palace of the Elysée, the official residence of the President of the Republic, is to have extensive additions made to it, in preparation for the fêtes which President Faure expects to hold in connection with the Exposition.

THE regulations of the "Contemporary Exhibition," that is, the one containing machinery, modern manufactures and apparatus generally, of the Exposition are fixed, and have been made public. No charge is to be made to exhibitors for space or motive power, or for gas, steam or water, but each exhibitor will be expected to make his own connections with the main shafts in the buildings, and with the gas, steam and water pipes, and must bear the cost of transportation to and from the building, and of unpacking, installation and re-packing. The installation, which includes all special partitions, platforms, and railings, must conform to plans adopted by the Direction of the Exposition. In certain cases, the Direction will assume a part of the expense of installation, and it is provided that workmen exhibiting on their own account shall have the cost of installation paid for them. The charges for transportation have not yet been arranged with the railways, but it is probable that very liberal terms will be made.

AN interesting description of the Krupp establishment, at Essen, is going through the foreign newspapers. Forty-nine years ago, the Krupp foundry, carried on by the father of the present director, was a little affair, employing seventy-two men. Seventeen years later, in 1865, the number of workmen had risen to eighty-two hundred, as a result, probably, of the demand for its products caused by the wars of the period. Since then, however, its business has again increased enormously, and about twenty-one thousand men are now regularly employed in the Essen establishment, without counting those attached to the great Gruson manufactory of armor-plates and projectiles, which is practically united with it. The operations of the Essen establishment now require some twelve hundred furnaces, twenty-one trains of rolls, seventeen hundred machine-tools, two hundred and eighty-six boilers, and three hundred and seventy steam-engines, aggregating twenty-seven thousand horse-power. In 1890, the consumption of coal and coke was seven hundred and thirty-five tons per day. The daily consumption of gas was sometimes more than half a million cubic feet a day, and one hundred and thirty-six telephone stations connect the various portions of the works.

THE TWELFTH LEAGUE EXHIBITION.¹—II.

OF the portion of the exhibition devoted to what may be called "art-crafts" we can only say that it was fuller and better than we have ever seen it before. This year, decorated leather took a conspicuous place, and some of the pieces, both ancient and modern, shown by Mr. Yandell, and by Baldwin Brothers & Co., are truly magnificent. Burnt wood or, to give it the new name, "fire etching," appeared in some small panels, which are very good, considering the medium, and a so-called "Elizabethan" chimney-piece, which is not extremely successful, and suggests anything rather than Elizabethan work. John Williams, and the William R. Pitt Company, had some beautiful wrought-iron work, the best, as a whole, ever shown at the League exhibitions, so far as we have seen them; and the latter had also an ingenious adaptation of the Bostwick folding-gate, with curved connecting-pieces, which form ornamental patterns; while Mr. Charles R. Lamb, or some of his clients, had set up in a conspicuous place a magnificent altar, of marble, inlaid with mother-of-pearl, and surmounted by a reredos in mosaic.

From these beautiful rooms one entered the Vanderbilt Gallery, where the architectural drawings, some five hundred in number, were arranged in alcoves, following out the attractive and convenient system which was adopted for a portion of them, as an experiment, two or three years ago. Although the drawings were, in some respects, particularly interesting, consisting to an unusual extent of figured working plans, the collection reflected the dulness of business for the past two or three years. There were, comparatively, fewer frames of new work, and more of studies of detail, or of interior decoration, in buildings already erected. Still, these studies are of much value to the persons who make them, as well as to those who have the opportunity to see them, and the period of reflection and leisure which the profession has been through will not be without its reward.

In the first alcove, the most noticeable drawings were some designs, competitive and otherwise, for churches, by Messrs. Cram, Wentworth & Goodhue, all interesting and picturesque, as we expect from these true artists, and Messrs. Clinton & Russell showed some good domestic work. Alcove B contained some important designs by Messrs. Schickel & Ditmars, a good city house, and a fine, simple group for St. Joseph's Seminary, among others; and Messrs. Thorp & Knowles had a great country-house in New Jersey. In Alcove C, Mr. George Martin Huss showed an interesting design for an octagonal building for the "Scientific Alliance." The most noticeable thing in the next alcove was a design for a studio for the sculptor Carl Bitter, perched on the edge of the Palisades, and approached, on the side shown, by a winding stair, ascending in a crevice of the rock. This clever piece of work was by Mr. Frank E. Wallis, and, we hope, shows the building as it is really to be executed. Next came a good and well-rendered design for a town-hall, by Mr. Clinton Mackenzie, and a very pretty design for a museum building, by Messrs. Parish & Schroeder.

Alcove F was given up to French work, and included two designs made in competition for the Prize of Rome, one by M. Belestia, and the other by M. Bernard, one submitted for the Prix Godeboeuf, by M. Paul Delfau, and several others, including a complete set of plans and elevations for a Town-hall, by MM. Guilbert & Dupont, and drawings of a tomb, by M. Charles Blondel. In Alcove H we found plans, elevations, perspective and details of the new York Hall, at New Haven, by Mr. Grosvenor Atterbury, designed in a sort of Venetio-Transition style, apparently for execution in terra-cotta and brick, but well studied, and in some respects very attractive. Near by, Messrs. Carrère & Hastings had drawings for a stately Lenox house, and photographs of a country-house in Pennsylvania. Further on, was a design by Misses Gannon & Hand for the proposed Woman's Hotel, a fourteen-story structure, quite as well designed as the average "sky-scraper," and shown in a very creditable drawing; and a pretty study for a bank, by Mr. T. C. Link, of St. Louis. Alcove K contained the design placed second in the Albany Savings Bank competition, by Mr. Marcus T. Reynolds, a solid and well-studied, though rather heavy composition, with a good plan; and in L was a clever plan, and some pretty elevations, for the Paterson Court-house, by Mr. J. H. Freedlander; and, near by, a plan and elevation, by Messrs. Haydel & Shepard, of a huge country-house, for Mr. James A. Garland, Jr., accompanied by an interior perspective of the hall in the same house, an open-timber-roofed room, suggesting the Banqueting-Hall at Windsor. In the same alcove was a perspective drawing of the upper part, which is by far the best part, of Mr. Post's St. Paul Building, and a charming design for the Cleveland Chamber of Commerce, also by Mr. Post, and characteristically refined and simple.

We came next to a drawing of a group of four houses, for the corner of Fifth Avenue and Fifty-sixth Street, by Messrs. Clinton & Russell, which was good and quiet, but suggested to the practical man a difficulty, in the fact that the houses are shown with high, steep roofs, with the gutters toward the street. There was once a regulation in New York, to the effect that all roofs must slope away from the street, so that the snow that fell on them might not slide off on the passers-by. On Fifth Avenue, it is true, snow from a roof would fall inside the area-line, rather than on the sidewalk, but the house-keepers would not find it pleasant to deal with even there. Near

this drawing was Mr. Haight's design for the Keney Memorial Tower, at Hartford, a sort of small and simplified Tour St. Jacques, not very broadly buttressed, and having a rather tottering air in consequence, but excellent in detail, as Mr. Haight's work is sure to be. Messrs. G. E. Harney and W. S. Purdy had in the same alcove a delightful country-house, for Lawrence, N. Y., in a semi-English style, with red brick and plaster, shown in a very pretty colored drawing; and Mr. Bruce Price showed Mr. George Gould's new house at Lakewood, a large and solid, but not pretentious, building, in Mr. Price's Tuxedo style.

Messrs. Renwick, Aspinwall & Owen occupied the larger part of the next alcove with good and quiet work, the St. Louis house, reproduced in the catalogue, being perhaps the most interesting of the designs; and Mr. Wm. A. Bates had also a pretty house at Tuxedo, in his usual style, and Messrs. Le Brun & Son a well-studied doorway for the Church of St. Mary the Virgin.

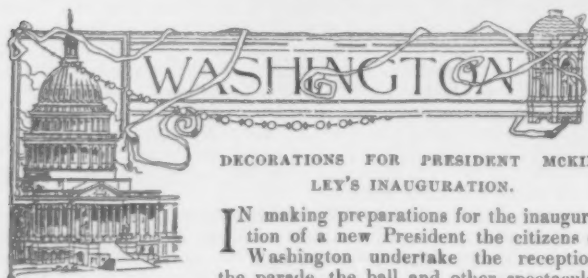
Alcove R was given up mainly to Messrs. McKim, Mead & White, who show figured drawings of various buildings for Columbia University, the University of Virginia, and the University of the City of New York, all admirable, not only for their beautifully studied proportions, but as models of careful and exact working-drawings. Near by, Messrs. Little & Browne, of Boston, showed exterior and interior perspectives and photographs of the house for Mr. Charles F. Sprague, which, notwithstanding its quiet air, has an extended local reputation for magnificence.

In the next alcove were gathered a large number of English drawings, by such master hands as Mr. C. E. Mallows, Ernest Newton, T. E. Colcutt, John Belcher and Ernest George. In design, we do not think that, with the exception of Mr. Ernest George, whose deliciously picturesque touch is, as yet, unrivalled by any one but Norman Shaw, the Englishmen show any marked superiority to their American brethren, but their drawing is incontestably superior. Our architects might be content to yield the palm to Ernest George's brown-ink sketches, which are famous wherever modern architecture is studied; but Mr. Colcutt, with no more ambitious tool than a lead-pencil, makes drawings so charming and suggestive as to render the capture of a client's heart certain; and Messrs. Newton and Mallows do the same with pen-and-ink. We have always thought, with many other architects, that the highly-colored perspectives, dashed with cloud-shadows, and diversified with representations of approaching tornadoes, or other meteorological phenomena, are more likely to give an unfavorable idea of the architecture of the building portrayed than a favorable one; but it is the fashion to make such drawings, or to have them made, to show clients, and it cannot be disputed that a pencil sketch, or one in pen-and-ink, looks poor and thin, whatever may be the architectural beauties that it represents, beside the madder-brown and cadmium of the water-colorist. If clients had discernment enough to separate the architecture from the paint, all would be well; but our architects do not dare to hope that they have, and so every one goes on in the old way. If the exhibition of the English drawings should encourage our architects to put more faith in their own rendering, and teach the public to understand such rendering better, it would be a great gain, for no one can express his idea so well as the architect, and English experience shows that in the end, those who make their own drawings generally attain to the highest reputation.

In Alcove T there was a very interesting collection of works from Philadelphia, which showed clearly the charm of personal rendering, the water-colorist not having obtained much of a foothold in the offices of Philadelphia architects. The most important was the design for the Free Museum of Science and Art, for the University of Pennsylvania, in which Messrs. Wilson Eyre, Jr., Cope & Stewardson, and Frank Miles Day and Brother are all concerned. Although very simple, the building, which is an enormous structure, with a splendid plan, is most imposingly designed. Besides this, Messrs. Cope & Stewardson showed some of their work for Princeton University, in delightful drawings, and other work, in restrained color, but thoroughly architectural, rendering to perfection the expression of the beautiful design. Mr. Wilson Eyre, Jr., showed his work in coarser, but very effective drawings in black-and-white; and Mr. Seeler had some quiet, but thoroughly studied designs for the new Dental School of the University of Pennsylvania. On the whole, the Philadelphians, both in originality and architectural quality of design, and in skilful rendering, this year carry off the honors among the Americans.

In the next alcove, Messrs. Brite & Bacon's work was conspicuous, including a pretty drawing for the Hall of History of the American University, at Washington, D. C., and an interesting, though not strikingly original, design for the Jefferson Davis Monument at Richmond. Messrs. Cady, Berg & See showed their drawing for the proposed public baths for New York, already known through the reproduction of it in the book issued by the Mayor's Committee; and Messrs. Lamb & Rich showed a sober and well-studied design for Barnard College in Harlem. A score more of business and other buildings, of no very unusual interest, completed the circuit of the room. The entrance corridor added a drawing of the San Francisco Court-house, one of the official works of Mr. Aiken, as Supervising Architect of the Treasury Department, which gives a very pleasant idea of the sort of design now being turned out of the Government "plan-factory"; and in the rooms upstairs was a fine show of school-work.

¹ Continued from No. 1108, page 94.



DECORATIONS FOR PRESIDENT MCKINLEY'S INAUGURATION.

IN making preparations for the inauguration of a new President the citizens of Washington undertake the reception, the parade, the ball and other spectacular matters connected with his installation into office. A president of the inaugural ceremonies is appointed by the chairman of the National Committee of the party to which the incoming President belongs, and he appoints the local committee to take charge of the different branches of the affair. A guaranty fund of some \$50,000 is deposited in bank by subscription of the citizens of Washington. This money is repaid to subscribers by the sale of ball and concert tickets, rights to erect stands and restaurant and photographic privileges. Localizing the inaugural is apparently a mistake. Nothing that occurs in this country is more of a national event and no pageant should be more imposing than the installation of the nation's chief magistrate. In future inaugurations, it may be hoped that the nation with its millions will install the President, not the city with its thousands.

The viewing and reviewing stands have usually been placed in the different parks and reservations along the avenue, covering and concealing small trees, shrubs and statuary. These stands, in design, have been left to the competing contractors. This year an effort was made to accomplish a reform in the design of these street constructions and decorations, but this effort was only made after the committees were appointed. Each branch belonging to decoration came under different committees: stands on parks and reservations, street decorations, lighting, the President's stands—all were under independent direction. It does not seem to have occurred to any one that all branches go to make a decorative scheme complete as a whole, and that all branches should be in the hands of one expert committee, if the best results are to be obtained. The results of the efforts on Pennsylvania Avenue were little, if any, better than at previous inaugurations. The small parks were covered with temporary seats; the effectiveness of the Treasury and White House was destroyed by the seats that were put up in front of and around them. The Peace Monument and La Fayette statue were not concealed by seats, but were surrounded by tall picket fences, which were made more prominent by being emphasized with garlands and wreaths.

Architects in the city made several suggestions which it will be wise for future committees to remember. One was to place all stands on streets crossing the avenue, allowing passage-way under them, instead of covering the parks, and partly concealing and marring the dignified and impressive Government buildings. Another was to make along Pennsylvania Avenue a continuous line of Classical columns 40 or 50 feet high, and between them a low colonnade, above which should be the seats, these columns to be used as the principal basis for decoration both day and night. One proposition that should be carried out in the future is to make a permanent basis for the President's reviewing-stand, by erecting detached marble columns, with bronze hooks and attachments, to which a canopy and proper temporary decoration could be attached, and under which seats could be placed whenever the occasion required. The detached columns would not mar the space in front of the White House, and all the materials and appointments could be rich and effective, as they would cease to be temporary.

When we consider the plan of the original city, and see how much Washington and L'Enfant were in advance of our own times in proper and large conceptions, it is a matter for regret that we have not adhered to their plans. Can any one imagine a grander place for a pageant, no matter how large or rich its surroundings, than the Boulevard contemplated by them leading from the Capitol to the Monument,—400 feet wide, with its parks and line of public buildings as a background, 600 feet away.

Along this Boulevard might have been erected statuary, columns, arches, and all else that go to make a grand whole. Even now some of the money used for temporary decoration at each inauguration could be used in building up some part of a permanent scheme, of which the nation would in the future be proud.

The treatment of the ball-room in the Pension Building was the point on which the principal effort at decoration was concentrated. The covered court of the Pension Building is 116 feet wide by 316 feet long, and is divided into three nearly equal parts by rows of four large columns (which have no reason for existing) one-third of the way from each end. Directly in the centre of the court is a fountain, 30 feet in diameter. The court is surrounded by two Renaissance galleries, modelled strictly after similar ones in Italian palaces. A third light wrought-iron gallery without Classical feeling is the topmost horizontal feature. The central portion between the eight columns reaches a height of about 150 feet.

It was fortunate for the decorative scheme that two members of

one of the sub-committees, J. R. Marshall and Richard Smith, served on the same committee four years ago.

The committees were able to rectify some of the errors in the work of four years ago. At that time the principal points to be criticised were the projections of the band-stands north and south in the centre of the room, the variety of the colors in the hangings and in the draping, and in the accentuation by decoration of the eight large columns which cut the space into three divisions.

This year the principal band-stand was placed at the extreme eastern end of the hall, and was made the most important point of interest by its magnitude and color-scheme, while the string band was placed on the south side of the room, obtruding indeed, but not with the objectionable emphasis of previous stands.

The background of the corridors was a cream white, effectively relieved by green vines, while all bunting and drapery was confined to yellow and white, the white predominating in the general scheme. Color was supplied by small trophies and cut-flowers. The draping, by Crane, of Paterson, was done over backgrounds against the walls, covering all the columns, entablatures and balustrades on the colonnades of the interior court, and consisted of chaille, in cream-white and yellow.

The eight large columns were left in their ordinary condition, and were not so much in evidence and did not interfere to the same extent as on previous occasions.

The ordinary ceilings of the interior court are so high, varying from 100 to 150 feet, that to produce a good effect, and at the same time conceal the iron roof-trusses, a false ceiling of chaille was draped at a height of from 69 to 75 feet. Three false domes, 85 feet in diameter, were arranged in the three portions of the building, and from these domes, draped cream-white chaille was carried to the walls, concealing the top gallery. Very little yellow was used in the ceiling. The brass-band stand, at the extreme north end of the building, consisted of a large semicircular arch, 40 feet in diameter, decreasing by positive members as it receded, with a platform in front, resting upon substantial Doric columns. This archway was covered with yellow chaille and the rear portion with black to give a greater appearance of depth. It was very effective as the prominent feature of that end of the hall, but it could not be seen to advantage except from what might be called the third portion of the Pension-office court.

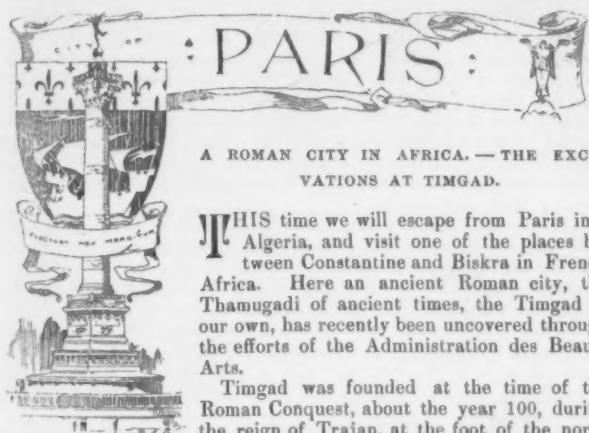
The electric lighting, by Galloway, of Washington, consisted of incandescent-lights around the base of the domes in the ceiling, with groups in patterns on each of the columns in the colonnades, rows on each recess of the large arch for the grand band-stand, with a brilliant star on the black background in the recess of this arch; colored electric-lights were interspersed among the flowers and plants, and on the second gallery there was a large United States flag in electric-lights, with an intermittent current, giving the flag the effect of waving in the breeze—stiffly rendered, but pleasing to the masses.

The flowers, which were furnished by J. B. Small, were artistically arranged and distributed, the larger portion being green smilax, laurel and rhododendron, harmonizing with the green and gold of the general decoration. The needed bright color was obtained by cut-flowers and potted flowers, interspersed with electric-lights. The fountain in the centre was filled with plants and electric-lights.

Although the scheme and execution of the decoration were better than at the last inauguration, it is to be regretted that there was not a massing of decorative features, colors, plants and lights with corresponding plain surfaces to act as a foil and contrast, as well as a massing of lights to produce shades and shadows, the size of the room being ample for some brilliant results in this way. Further, the colonnades, which are well proportioned, should not be covered so as to destroy their good lines, columns, arches and balustrades, as must necessarily be the case where they are covered more or less loosely by clothes of any kind.

The court of the Pension Building will, without question, be the room in which future inaugural balls will be held. Why is it not possible to so decorate this court that it will serve in a more finished and complete way in the future? Why may not the large columns be removed, a permanent band-stand be placed at the eastern end, the wall-surfaces, columns and corridors be decorated—their lines and proportions are good—a permanent ceiling, a large barrel vault, possibly rosetted and decorated, and proper electric installations be put in place, then all that would be needed each four years would be the necessary flowers, plants and vines to make the affair complete?

ST. PATRICK'S CHURCH, GALWAY.—St. Patrick's Church, Galway, Ireland, has been closed for the last thirty-five years. It is a magnificent structure of cut stone and can seat 1,500 people. The apparent abandonment of it by the Catholics has always puzzled tourists. The fact of it is, however, that the faithful could not gain admission to it because the plot of ground in front of it was owned by a bitter Protestant. He built a high wall directly in front of the chapel door and there it has stood until last week, when the persistent obstructor died. Now the bishop has bought the ground, and the flock will soon worship in their temple for the first time since 1862. — *Boston Transcript*.



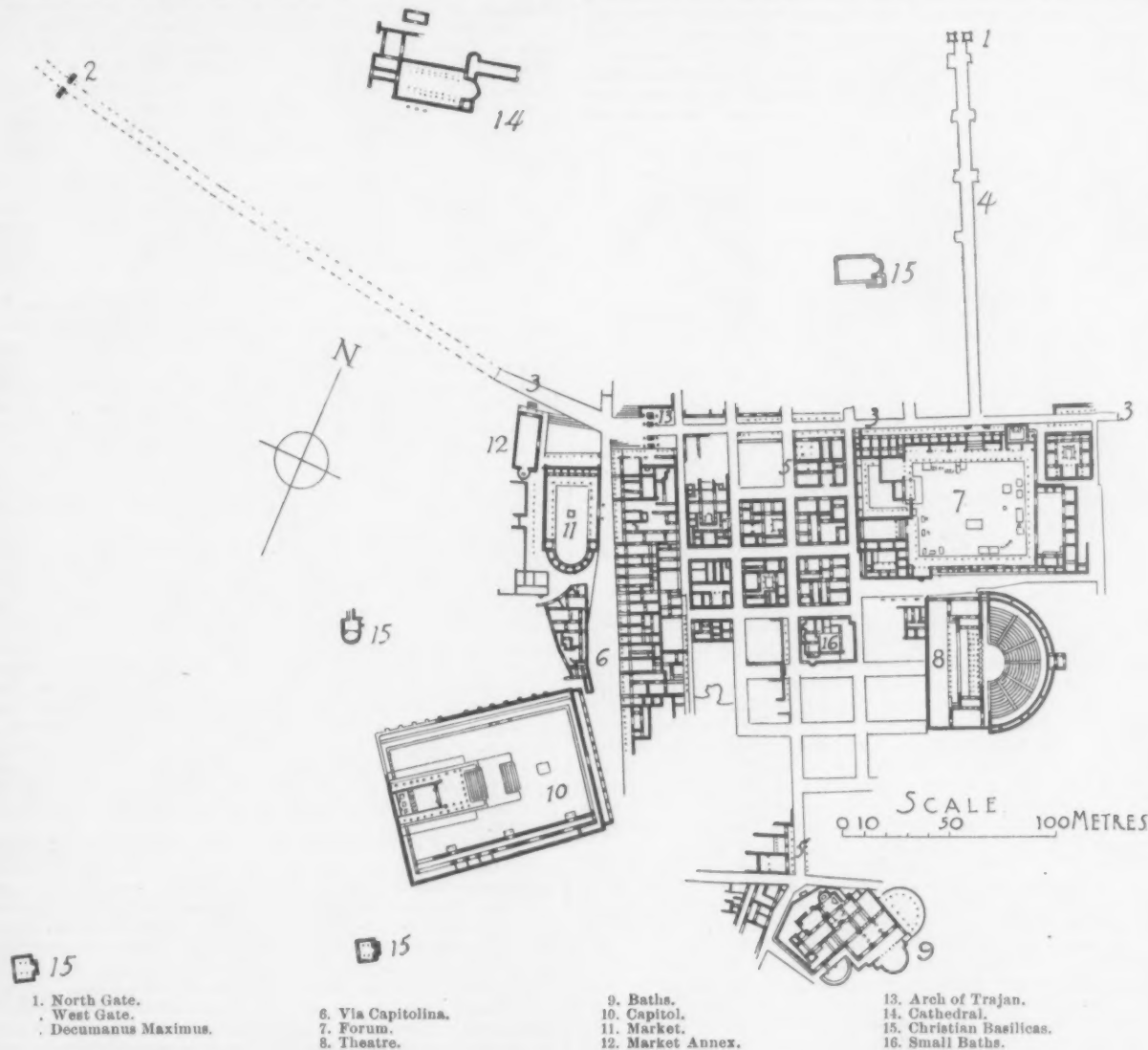
A ROMAN CITY IN AFRICA.—THE EXCAVATIONS AT TIMGAD.

THIS time we will escape from Paris into Algeria, and visit one of the places between Constantine and Biskra in French Africa. Here an ancient Roman city, the Thamugadi of ancient times, the Timgad of our own, has recently been uncovered through the efforts of the Administration des Beaux-Arts.

Timgad was founded at the time of the Roman Conquest, about the year 100, during the reign of Trajan, at the foot of the north slope of the mountains in that neighborhood. It was destroyed at the close of the seventh century at the time of the invasion of the Arabs. Earthquakes that have occurred since then have destroyed the monuments that were left standing by the barbarians. Then

The first real excavations were made towards the end of 1880, by M. Duthoit, under the intelligent general supervision of M. Émile Boeswillwald. In the years that followed, the triumphal arch, the forum and the theatre were disencumbered, but here the work was interrupted, and it was only in 1892 that it was resumed, under the direction of M. Albert Ballu, architect-in-chief of the Monuments Historiques de l'Algérie, who has been good enough to furnish us with the data, documentary and photographic, which have facilitated this study. Recently he gave at the Sorbonne a very interesting account of the results of his excavations, which have been of considerable extent, thanks to the special appropriations which have each year been granted by Parliament.

The main street, Decumanus Maximus, was decorated with two triumphal arches, the most important one of which, Trajan's, still in large part stands. On each side, the street was lined with porticos, which sheltered the shops and of which a large number remain; and at a street corner can still be seen a fountain, with its stone conduits and basin. Another fountain fills an angle of an important public building, a latrine: this consisted of two rooms, the first used as a vestibule and cloak-room, the other, 8.50m. long and 6m. wide, contained a fountain enclosed by upright slabs, sculptured in the form of dolphins. The water flowed into a little trench, which made the tour of the room; while beneath the pavement was dug a ditch, 1.20m. deep. This establishment, which is still perfect in its preservation, shows once more how great attention the Romans gave to matters



- 1. North Gate.
- 2. West Gate.
- 3. Decumanus Maximus.

- 6. Via Capitolina.
- 7. Forum.
- 8. Theatre.

- 9. Baths.
- 10. Capitol.
- 11. Market.
- 12. Market Annex.

- 13. Arch of Trajan.
- 14. Cathedral.
- 15. Christian Basilicas.
- 16. Small Baths.

the sand and the detritus from the mountain collected over them little by little, finally burying the magnificent ruins which the Commission des Monuments Historiques has now undertaken to uncover and recompose.

It is a new Pompeii whose compact ruins, square in form, cover an area of about sixty hectares, and of this a large part has already been uncovered. A fine street, running east and west, and called "Decumanus Maximus," separates the town into two parts, while other less important streets cross it at right angles. Each end of this main street was closed by a gateway, and it is on the southern side of this street that lie the greater part of the monuments that we are about to describe, whose admirably preserved ruins offer a wide field of study to artists, archaeologists and savants.

of public hygiene; it also shows that the system of "tout à l'égout," which we look upon as a modern invention, was practised in the second century not far away from the deserts of Africa.

The slabs that pave the street have the peculiarity that their joints are inclined to the line of the curbing. It is supposed that this method was adopted for the sake of lessening the jolting, since the chariot wheel did not strike the joint normal to its direction.

Several of the shops that line the street have two rooms, the outer doors still showing the mortises cut to receive the bars by which the shutters were held in place.

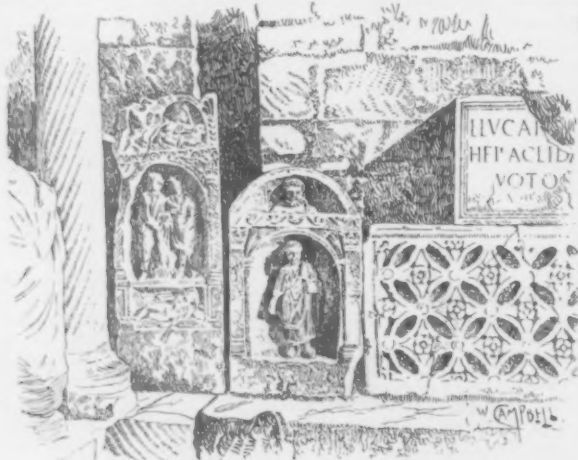
As can be seen by the annexed plan, Timgad contained monuments similar to those found in early Italian cities, theatre, baths, forum, capitol, triumphal arches, etc. Of these latter, the arch of

Trajan is best preserved. An inscription copied by an officer, M. Becker, leaves no doubt as to the date of its erection, the third consulate under the Emperor Trajan, that is, the year 100 of our era. It consists of three arcades: a central one, wide and high, for horses and chariots, and two smaller ones for pedestrians. Each front is adorned with four fine Corinthian columns; the sculpture is carefully executed, and the various materials used, sandstone, limestone and marble, produce a variation of color of the happiest effect.

Every one knows how important a part the forum played in the commercial and political life of the Romans; there elections were held and there the magistrates took their oaths, and later held their courts. In the forum at Timgad are found all the arrangements called for by a similar kind of public life. The unenclosed space, the area, was surrounded by porticos and public monuments. Half of the paving has disappeared, but there have been found the remains of thirty-two isolated pedestals, which must have supported statues of important personages, while fragments of epigraphic texts prove that there were other statues in the portion now deprived of its paving. There have also been found, scratched or graven into the flagging, the drawings or plans of several games, and in one place a table with an inscription that can be rendered:

"To hunt, bathe, play, laugh, that is life."

Under the portico, on the eastern side of the area, is a large basilica, which measures 15m. by 29m., without aisles. At the south end of the hall was the praetorium, raised a metre and a half above the floor, where the judges sat. In front, at the other end of the hall, three monumental niches held imperial statues. The south side of the area was lined with shops that separated it from the street which led to the theatre. The west side was occupied by the most interesting of the structures: the prison, a three-roomed structure, and



the curia, or town-hall. This building included a hall, 16m. by 10m., preceded by a vestibule, from which it was separated by four columns with ornamental grilles between.

The most interesting discoveries made in the curia were the lists of the names of the decurions, or city magistrates. One containing sixty-eight names is now in the Louvre; the other has just been discovered by M. Duthoit. Built of uncoursed sandstone, the walls of the curia were revetted with slabs of variegated marble, while a wooden roof covered the hall. Along the lateral walls were statues, of which a single specimen was found and deposited in the museum at Lambère. This was a statue of Antoninus Pius, the marble torso of which is in good condition, while the head is mutilated.

Near the forum rises the theatre, its flanks after the Grecian manner built against rising ground so as to facilitate the building of the gradins, and in general plan like the theatre of the epoch. Its proscenium, 30m. by 5m., was supported on three rows of fourteen stone pillars, which are still in place. The walls of the stage itself were richly decorated with columns, niches, marble slabs and statues. Amongst the great mass of interesting relics picked out of the ruins may be mentioned the marble statue of a Roman lady. The theatre could hold about four thousand persons and was suited for all those spectacles which aided the Romans in extending their civilization into barbarian countries and initiating the inhabitants in the manners, customs and literature of their conquerors.

Next to the theatre, the most important monument on the south is the bath. We all know what care the Greeks, and after them the Romans, took in the construction of their public baths. These at Timgad are most cleverly arranged: they cover an area of more than two thousand square metres, about half the structure being of two stories, that is, a ground floor and a basement below it. The rest of the building was one story in height. The basement contained two passages, from which the nine furnaces were fed, a storeroom for fuel and the warm-air chambers beneath the four halls, the air circulating below the terra-cotta slabs, kept in place by brick piers.

In the main story were found: (1) The vestibule connected with an

unenclosed promenade in the form of a hemicycle and surrounded by porticos; (2) A small chamber for the custodian; (3) Three exedras opening on a gallery; (4) A large hall used as a gymnasium; (5) A clothes-room; (6) The cold bath, consisting of a vestibule and two pools; (7) The tepidarium, the transition room between the hot and cold baths; (8) The caldarium, divided into two rooms, furnished with hot-water basins and placed one at each side of the vapor-bath room, in which the temperature was raised to the highest point of physical endurance; (9) A small storeroom for oils and perfumes; (10) The latrines.

We will not attempt a detailed description of all these rooms, but will only say as to the frigidarium that, in addition to the mosaic flooring which has remained intact, there has been found in it a very beautiful stone vase decorated with consoles, scallop-shells and figures illustrating sacrificial ceremonies, all in the purest style.

During the excavations there have also been found a statue of Hygeia, an elegant torso of a Mercury, in painted marble, and a semi-nude statue of a water-nymph with a large shell in her left hand. This figure, too, is of painted marble, green and red being the predominant colors.

Apropos of the latrine, it is interesting to note that in the ancient baths at Pompeii there appears to have been only one very small room devoted to this purpose. At the Timgad baths, however, great importance was given to the latrines and they were very cleverly arranged: placed in a semicircle 14 metres in diameter, the hall contained 28 compartments, limited by the partitions which supported the stone seats, themselves finished with excellent mouldings. The room itself was lined with fine mosaic-work, representing various animals, and surrounded with a frieze decorated with rinceaux.

The market offers close analogy with that of a Pompeian building, of which the character had remained undetermined until now. The discoveries at Timgad now leave little doubt as to the character of the Pompeian building, which an inscription states to have been built by Eumachia.

The chief building at Timgad was the colossal Temple of Jupiter Capitolinus. This building, of grandiose proportions, was built on one of the highest sites in the town, and its enclosure, in form a quadrilateral, measured 90m. by 66m. The temple itself was, according to usage, preceded by the altar (ara) and surrounded on three sides by a vast court bordered by porticos.

The greater part of the lower story of the temple still exists. Formerly, this portion was covered by vaults, upon which rested the pavement of the temple proper, and it contained the cellars where were stored the treasures and sacred utensils. In front of the temple was built a monumental perron, reached by forty steps and carried by rampant arches which have fallen into disrepair. From this, direct access was had to the pronaos, the front of which was formed by six columns, which supported the entablature and pediment of the main front. The number of columns along the sides of the temple was eleven on each side: five of them were found intact by M. Ballu, though prostrate, and it would be possible to re-erect them complete with bases and capitals.

The temple itself has a superficial area of 840 square metres, not including the perron. At the farther end of the sanctuary stood the colossal statue of Jupiter, with Juno at his left and Minerva at his right, as was customary. These statues were of marble and fragments of them have been exhumed. The statue of Jupiter was about ten metres high and weighed 60,000 kilos.

Amongst the debris, M. Ballu found all the elementary parts of the structure: the shafts of the columns, in eight drums; the Corinthian capitals; the architrave, which, richly decorated on the face, also had the soffits adorned with nude infant figures entwined by rinceaux. A singular fact in connection with these figures is that the eyes are of lead set into the marble. The frieze was decorated with laurel garlands and ribbons, while the cornice was decorated with foliated modillions, egg-and-dart mouldings, dentil course and metal rosettes.

The interior of this fine structure must, judging from the character of the debris, have been decorated with great magnificence, for fragments of marble of every shade and variety abound.

Besides the ancient monuments, there are the remains of seven Christian basilicas—two of them recently discovered by M. Ballu—the most important of which (No. 14 on the plan) was uncovered in 1894. This consists of a central nave and aisles, separated one from another by five piers in alternation with coupled columns.

Southeast from the temple, and about 420m. distant, stands the Byzantine fortress—not shown on the plan. It is a vast citadel of quadrilateral form, flanked by square towers at each angle and at the middle of each side. The structure covers an area of 6,825 square metres. It was built by the Byzantines out of the ruins of Timgad, which had been destroyed by the Vandals.

As to the houses, they were usually wholly isolated from one another, after the custom that owed its being to the burning of Rome under Nero, which is mentioned by Tacitus.

During the year 1896, four new streets and ten blocks of houses, about 20m. on a side, have been uncovered, and numberless objects in bronze, marble and terra-cotta, new to the museums, have been unearthed. Near the theatre a smaller bath has been discovered, which is supposed to have been used by the women.

Such are the discoveries that have been effected at Timgad by the Commission des Monuments Historiques, which has already formed an important museum out of the articles that are from day to day

brought to light. But M. Ballu declares that the ancient city of Trajan is far from having yielded up all the treasures buried beneath it.

BOOKS PAPERS

PROFESSOR VAN DYKE, the editor, and the publishers are to be felicitated on the way the several authors, to whom the work has been entrusted, are carrying out the very useful series of hand-books which is to be known under the general title of "College Histories of Art." We have already spoken of Professor Van Dyke's "History of Painting," and of Professor Hamlin's admirable "History of Architecture," and this third volume, which treats of sculpture, is quite as useful, though it is not so agreeable reading as the latter, since not only the number of sculptors mentioned, but the number of their enumerated works is so great, that in a book of only three hundred pages it is only possible to devote a few lines to each, so that the book, taken as a whole, does not have that flow and sequence that made Professor Hamlin's book attractive to the general reader.

The subject matter is, however, arranged after the same general plan. A general bibliography is found in the introductory pages, and each separate chapter is prefaced by a special bibliography, to which students may refer for more extended information than could be compressed into the brief paragraphs that follow. In like manner each chapter concludes with a short paragraph, instructing the student where to look for "extant monuments" exhibiting the work of the sculpture period just discussed. The book is essentially a text-book, and in a small way a reference-book of much value, which the one hundred or more half-tone illustrations make all the more attractive to the amateur and only half-interested student. We trust that in future editions the publishers will be willing to insert an alphabetical index of illustrations, in place of the one which is made up in the time-hallowed, but valueless, form of a list that merely follows the sequence of the cuts as they happen to be arranged in the book.

WE wish that all officials who are charged with the preparation and printing of municipal or governmental reports would take the trouble to procure a copy of the "Report on Public Baths and Public Comfort Stations," which has recently been issued by a committee appointed by the Mayor of New York. They could find in it an excellent example of how to make a report something more and better than a dreary compilation of tables of figures which, apart from their mere footings, are of no use to any one, except to the fortunate compositor who gets extra pay for the wear and tear of the monotony of putting them in type.

Besides being a book that is most attractively made up and printed, it is illustrated with many excellent cuts which present the plans and outward appearance of different bathing establishments in various parts of the world. More than this, it has what is rather unusual in a public document, a really good index, and another thing, without which nowadays no book seems to be complete, a bibliography of the subject, which has a very considerable value. While it is a report made for a specific purpose to an official who has to consider only the particular needs of the municipality over which he has momentary control, it contains a large amount of matter of general value, and statistical and descriptive information which architects would find of great value to them in acquiring a knowledge of the particular class of buildings which it describes.

It strikes us as peculiar that, while much space is given to English, German, Austrian and Italian baths, nothing whatever is said about the bathing establishments and comfort stations of Paris and other parts of France.

BOOKS RECEIVED.

"Stained Glass as an Art." By Henry Holiday. With a colored reproduction of the drawing for the "Creation," twenty collotypes and many illustrations in the text from designs by Sir Edward Burne-Jones, W. B. Richmond, R. A., and the author. London and New York: The Macmillan Co. 1896. Large octavo. Price, \$6 50.

"How to build a House." Being Suggestions as to Safety from Fire, Safety to Health, Comfort, Convenience, Durability and Economy. By Francis C. Moore, President of the Continental Fire Insurance Co. New York: 1897. Price \$1.00.

"Hot Water Manual." With Information and Suggestions on the best Methods of heating Public, Private and Horticultural Buildings. By Walter Jones. Chicago: The American Artisan Press. 1897.

"Annual Report of the Supervising Architect to the Secretary of the Treasury," for the year ending September 30, 1896. Washington: Government Printing Office. 1897.

"A Text-book of the History of Sculpture." By Allen Marquand, Ph. D., L. H. D., and Arthur L. Frothingham, Jr., Ph. D., Professor of Archaeology and History of Art in Princeton University. New York: Longmans, Green & Co. 1896. Price \$1.50.

"Report on Public Baths and Public Comfort Stations." By the Mayor's Committee of New York City. 1897.

ILLUSTRATIONS

[Contributors of drawings are requested to send also plans and a full and adequate description of the buildings, including a statement of cost.]

OUTER FACE OF THE BERLIN GATE, STETTIN, PRUSSIA.

[Gelatine Print, issued with the International and Imperial Editions only.]

IT is not generally known that King Frederick William I., of Prussia, although his supreme love for his soldiery constituted his sole passion, made really but little use of his regiments in actual warfare. All the greater was the pride he took in the only military achievement of his reign, viz, the acquisition, from the Swedish crown, of Stettin and Hither Pomerania, by the treaty of Stockholm in 1719. With great zeal he undertook the construction of new fortifications around this old town, and, in connection therewith, the erection of a monument intended to commemorate the conquest. This monument is the "Berlin Gate," or, as it was originally inscribed over the cornice of the principal front, the "Brandenburg Gate," a triumphal archway in powerful Barocco forms, flanked, on each side, by the walls of the fortress which have since been torn down. It is impossible to give with certainty the name of the architect of the structure. One writer asserts that the plan was taken from the great Schlueter's posthumous designs, without, however, giving the source of his information. All we know is that the building of the fortifications was in charge of Gerhard Cornelius de Walrave, a Dutch engineer in the Prussian service, and that the latter was assisted by his countryman, Gabriel de Prew. Whether these two men had a share in the designing of the arch, cannot be ascertained. The court-sculptor, Damast, of Berlin, furnished the sculptured decorations from 1725 to 1726, receiving for his work the sum of 1,300 thalers, exclusive of the materials. The building material of the arch is sandstone, which received, for its better preservation, a coat of oil paint immediately upon its completion. Work on the inner façade dragged along for a number of years. The king, who died in May, 1740, did not live to see it finished. His successor, the great Frederick, reluctantly granted the means for its completion.

In 1874, when the fortifications of the city were razed, ornamental wrought-iron gates were placed both in the outer and inner archways, vines were planted to grow up the sides of the structure, and the top of the vault was covered with sod. A few years ago, in an effort to "improve" this noble monument of a past epoch, a niche was built, closing up the inner archway altogether, and a fountain placed in front of it, shaped something like a column, and dubbed the "champagne bottle" by the populace. This column was at first surmounted by a bust of the old Emperor, but the bust was soon replaced by a vase, to which the ready wit of the Stettinians applied another epithet, the "punch-bowl." This fountain is shortly to be replaced by a real work of art, modelled by the sculptor Felderhof. The rich configuration of antique armor surmounting the inner archway is crowned by the coat-of-arms of the kings of Prussia. In former years the sculptures were more richly gilded than at present. The relief on the outer façade is believed to represent the River Oder, near the mouth of which Stettin is situated. The crests over the arches are composed of the initials of Fridericus Wilhelmus Rex.

ROMAN RUINS, TIMGAD, ALGERIA.

See letter of our Paris correspondent elsewhere in this issue.

THE FOWLE BLOCK, ARLINGTON, MASS. MESSRS. GAY & PROCTOR, ARCHITECTS, BOSTON, MASS.

THE MAUGUS CLUB-HOUSE. MR. WARREN A. RODMAN, ARCHITECT, BOSTON, MASS.

FONT FOR GRACE CHURCH, NEW YORK, N. Y. MR. W. A. POTTER, ARCHITECT, NEW YORK, N. Y.

CHAPEL AT LE MANS, FRANCE.

THESE illustrations are copied from *La Construction Moderne*.

EXTENSION OF THE NORTH MUSEUM FOR THE STOCKHOLM EXHIBITION OF 1897.

This plate is copied from *Teknisk Tidskrift*.

[The following named illustrations may be found by reference to our advertising pages.]

DETAILS FROM THE CHURCH OF ST. SAVEUR, DINAN, FRANCE.

THESE sketches are copied from *Teknisk Tidskrift*.

XIII-CENTURY PALACE ON THE VIA DEL MELANGOLO, VITERBO, ITALY.

VITERBO is one of those quaint, little out-of-the-way towns of Italy which proves that the by-paths of that wonderful country are no less rich than its high roads, in material which is equally attractive to the artist and the historian. It was at its most flourishing period six hundred years ago, when the arts, the passions and the quarrels which marked the dawn of modern civilization, found expression there with the same intensity which makes the history of Florence such fascinating reading. There is scarcely a house in its crooked little streets and lanes which has not its romantic story, and the intimate connection of the town with the lives and fortunes of the Popes adds a very important element of interest to it. With a past full of romance, it is one of the very few Italian towns which have kept their mediæval aspect almost undisturbed down to our own time; and as two railroads have recently arrived at its gates, much of its ancient charm is undoubtedly doomed to share the fate of other mediæval towns which have succumbed to progress.

[Additional Illustrations in the International Edition.]

INNER FACE OF THE BERLIN GATE, STETTIN, PRUSSIA.

[Gelatin Print.]

DETAIL OF A HOTEL DE VILLE. MM. DUPONT & GUILBERT, ARCHITECTS.

[Copper-plate Photogravure.]

THE design, of which this is a detail, was published in our issue for Nov. 7, 1896.

WINCHESTER CATHEDRAL, ENG.: WEST FRONT.

FIRE-STATION, FULHAM ROAD, LONDON, ENG. MR. ROBERT PEARSALL, ARCHITECT.

THE CRIPPLEGATE INSTITUTE, GOLDEN LANE, LONDON, ENG. MR. S. R. J. SMITH, ARCHITECT.



[The editors cannot pay attention to demands of correspondents who forget to give their names and addresses as guaranty of good faith; nor do they hold themselves responsible for opinions expressed by their correspondents.]

INQUIRIES ON ARCHITECTURAL ACOUSTICS.

WASHINGTON, D. C., 257 PATENT OFFICE.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—The writer desires to collect information about the acoustics of large buildings (churches, halls, theatres, etc.), and especially about:

1. Auditoriums, particularly good acoustically.
2. Auditoriums, particularly bad acoustically.
3. Auditoriums, originally bad, that have been improved.
4. Auditoriums (if there are any) that have been improved by stretching wires.

While the bare statement on a card that a certain auditorium belongs to one of these four classes will be welcome as a guide to future investigations, fuller information is desired, covering as many as possible of the following points:

- Exact name and locality.
- Name of architect, or of some person fitted to give accurate information.
- Date of building.
- Dimensions, capacity, shape of walls and ceiling, or plans and sections.
- Materials of floor, walls, ceiling, seats.
- Location of the heating apparatus and openings for ventilation.
- The acoustic condition of the room.
- For Classes 2 and 3, what experiments have been tried to improve the room?
- Where can a printed description be found?

I shall be very much obliged to such of your readers as may favor me through you, or directly, with any facts along the lines indicated; criticisms on halls acoustically bad will be treated as confidential, if requested by the writers.

Very truly yours,

CHARLES K. WEAD.

S. J. PARKHILL & Co., Printers, Boston, U. S. A.

NOTES AND CLIPPINGS

CHANGES IN GHEENT.—Ghent will soon be greatly transformed. Close together in the centre of the old city are a number of great monuments of Gothic architecture, the Belfry, St. Bavon Cathedral, the Church of St. Nicholas, the Cloth Hall, the Town-hall, and the manor house of Gerard the Devil. The city authorities have borrowed 70,000,000 francs, a large part of which will be devoted to tearing down the intervening buildings and such as interfere with the view, and leaving the monumental structures in a large public park in the heart of the town. — *Scientific American Supplement*.

A HINT FOR A PUBLIC FOUNTAIN.—About half a mile above Franklin, up the Erie Railroad track, is to be seen one of the most curious sights in this country. Approaching a small, sluggish stream, we were surprised to see rising from the surface of the water a number of bubbles, which glistened in the sun like glass. It was a beautiful sight. The iridescent spheres, revolving swiftly after the manner of soap-bubbles, floated rapidly upward, some breaking at a height of ten or twenty feet, others soaring away above the tree-tops and out of sight, resembling, more than anything else, gorgeous toy balloons. These bubbles were all sizes, from an inch in diameter to more than a foot. They were apparently much stronger and a great deal more brilliant than ordinary soap-bubbles. A gas-line and an oil-line had passed under the run at this point, within a few inches of each other, and in each pipe was a small leak. The digging and refilling of the trenches had made a dam which held a few barrels of stagnant water. There was some alkali in the muddy bottom, which, in combination with the oil, formed saponule, a kind of soap. This, while not being a perfect soap, was sufficiently saponaceous and cohesive to make beautiful bubbles when churned by the escaping gas. The fact that the bubbles were full of gas caused them to ascend more swiftly and the presence of the oil made them more brilliant, many-colored and unusually beautiful. — *Oil City (Pa.) Blizzard*.

THE STEEPLE JACK IN PHILADELPHIA.—A factory near Philadelphia has a smokestack 123 feet high, which has long needed painting. Recently the structure showed so evidently that it was suffering injury from this state of affairs that the manager of the factory appealed to the employers to devise some means of performing the job. They do not seem to have been more ingenious than wise, for it was only after efforts extending over several days that they contrived to get a rope up through the pipe's interior and down on the outside, so that an apparatus could be rigged to hoist the painter. The first scheme suggested was to loose a pigeon inside the smokestack, and allow the bird to fly to the top, carrying along a string attached to its foot. This plan was abandoned, for the reason that, while the pigeon might ascend the big tube, there was no easy method of persuading it to descend to the ground outside. Then the head foreman attempted to solve the difficulty by using a rocket, to which a cord had been fastened. The rocket went up all right, but the cord burned off before reaching the chimney's top. A younger foreman tried his hand next, using a kite with two strings, one of which went through a pulley attached near the kite, and had a small iron weight fastened at its upper end, the intention being to fly the kite until it was directly over the smokestack, and then lower the weight down into the interior. The kite worked beautifully until it was time for it to be useful, when it turned a somersault, tangling itself in the pulley-tackle, and the whole thing came to grief. Finally, an ancient carpenter went to the top of a neighboring tower, and from it tossed into the mouth of the chimney a stone to which he had fastened a cord. That solved the difficulty, and every one wondered why they hadn't thought of it in the first place. — *N. Y. Times*.

A NEW POINT AS TO EMPLOYERS' LIABILITY.—A decision on an entirely novel question affecting employers' liability has just been given in the City of London Court by Mr. Commissioner Kerr, and seems to indicate pretty clearly that, if at all possible, the judicial mind anticipates the time when the contract of employment will of itself involve liability for accidents to workmen, for in the case in point, it is difficult to see how the employer could have prevented the accident. A shipwright, named Lakey, was engaged by ship-owners in the repair of a steamer, named the "Echo," and was helping to cut a rivet out of the fore-peak of the vessel with hammer and chisel. A piece of metal flew, either from the rivet or chisel, and struck his eye, destroying the sight of it, and at the same time incapacitating him for work for months. For this he has been awarded 300*l.* as compensation. The employers contended that it was a chip of the rivet, while Lakey held that it was off the chisel. The point surely might have been verified at the time, but after all, it does not seem of more than passing importance. If the head of the chisel was cracked at the edges, Lakey should not have chosen it; and if it was the point which gave way, no precaution could have obviated the failure. Such fractures must occasionally happen, even if the steel be of the best quality, and the hardening be effected with skill. Indeed, it depends almost as much on the user as on the smith whether a chisel shall stand or not. This is but one of many legal combats over the question as to where liability ends, and the general leaning of the judicial mind appears, as we have indicated, to be with the worker. It seems, therefore, idle to delay the amendment of the act to make employers responsible for all accidents. It would certainly reduce the legal expenses and the worry of attendance at the law courts. The well-established practice of insurance against accident liability so widely distributes the financial responsibility that the burden is not very serious to the employer, while the effect of disablement to a worker is so far-reaching that the risk can scarcely be said to be met by his ordinary earnings. — *Engineering*.

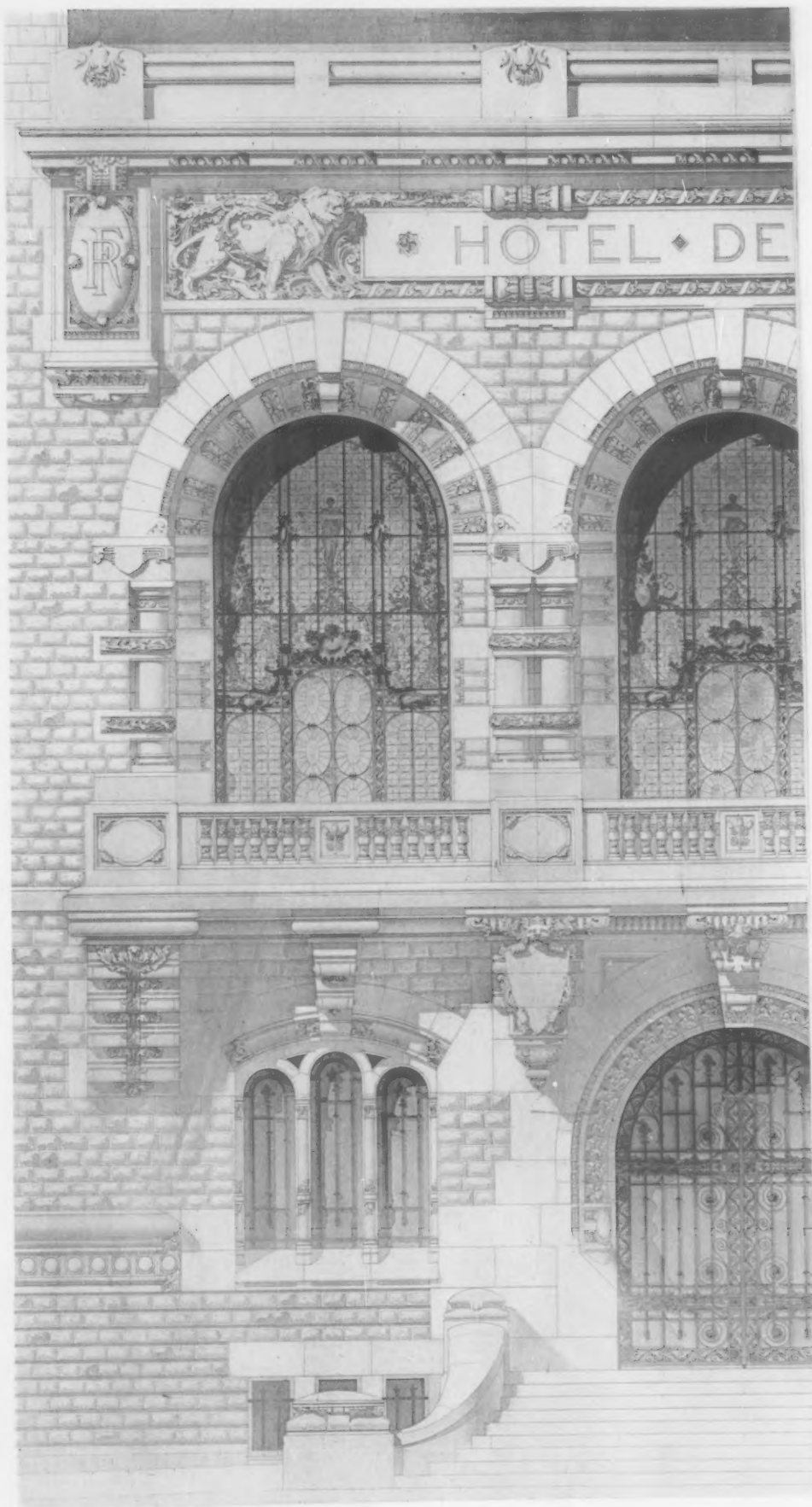


Blätter für Architektur.

Neumann & Co., Berlin

INNER FACE OF THE BERLIN GATE, STETTIN, PRUSSIA.





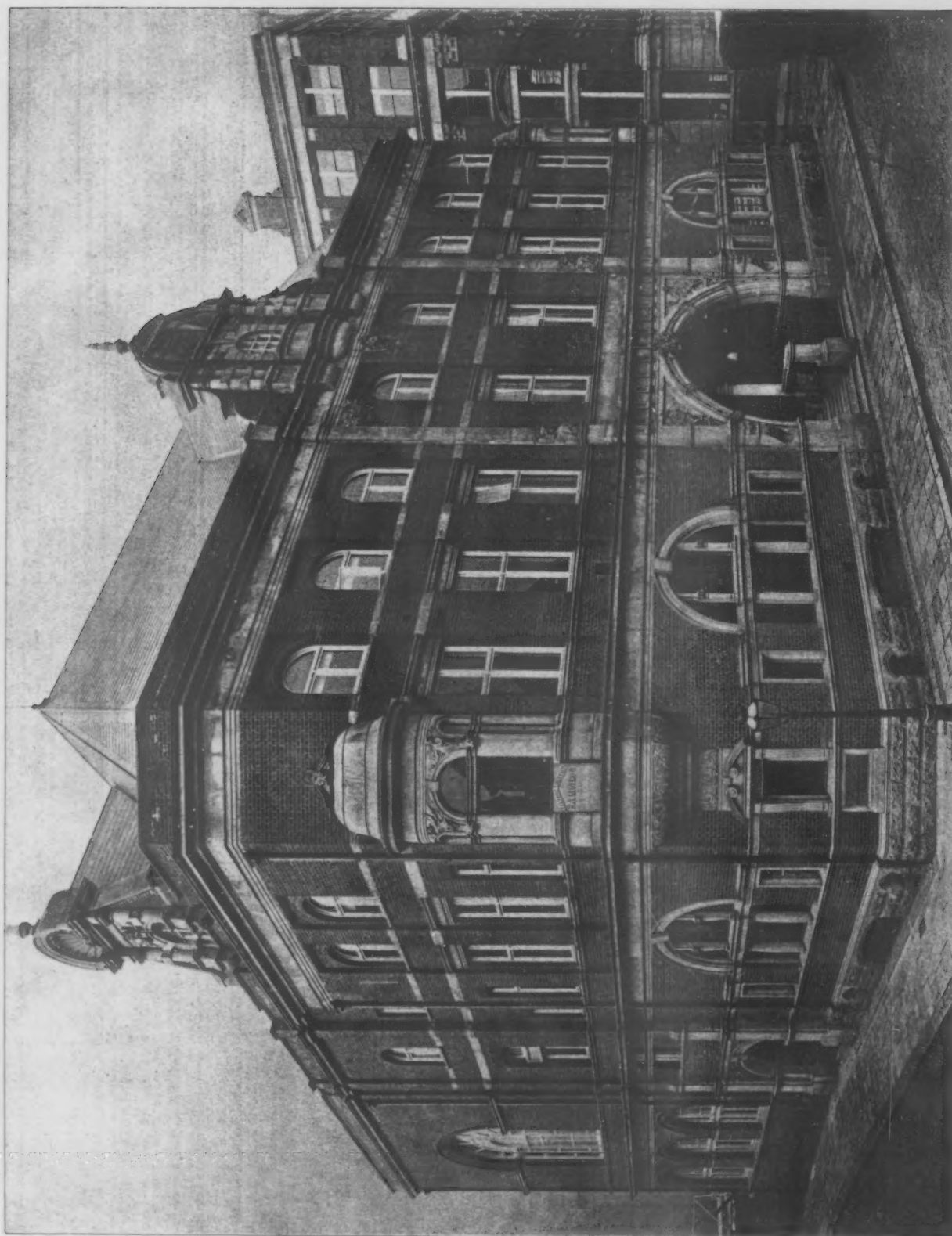
UN HÔTEL DE VILLE

Détail de la façade sur la place. (Salle des fêtes)

M. M. E. Dupont et A. Guilbert, architectes



OUTER FACE OF THE BERLIN GATE, STETTIN, PRUSSIA



PHOTOGRAPHED BY S. B. BOLAS & CO.

THE PHOTO SPRING & CO. 4 & 5 EAST HARDING STREET, FETTER LANE, E.C.

THE CRIPPLE GATE INSTITUTE, GOLDEN LANE.
S. R. J. SMITH, Architect.



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FIRE STATION, FULHAM ROAD.

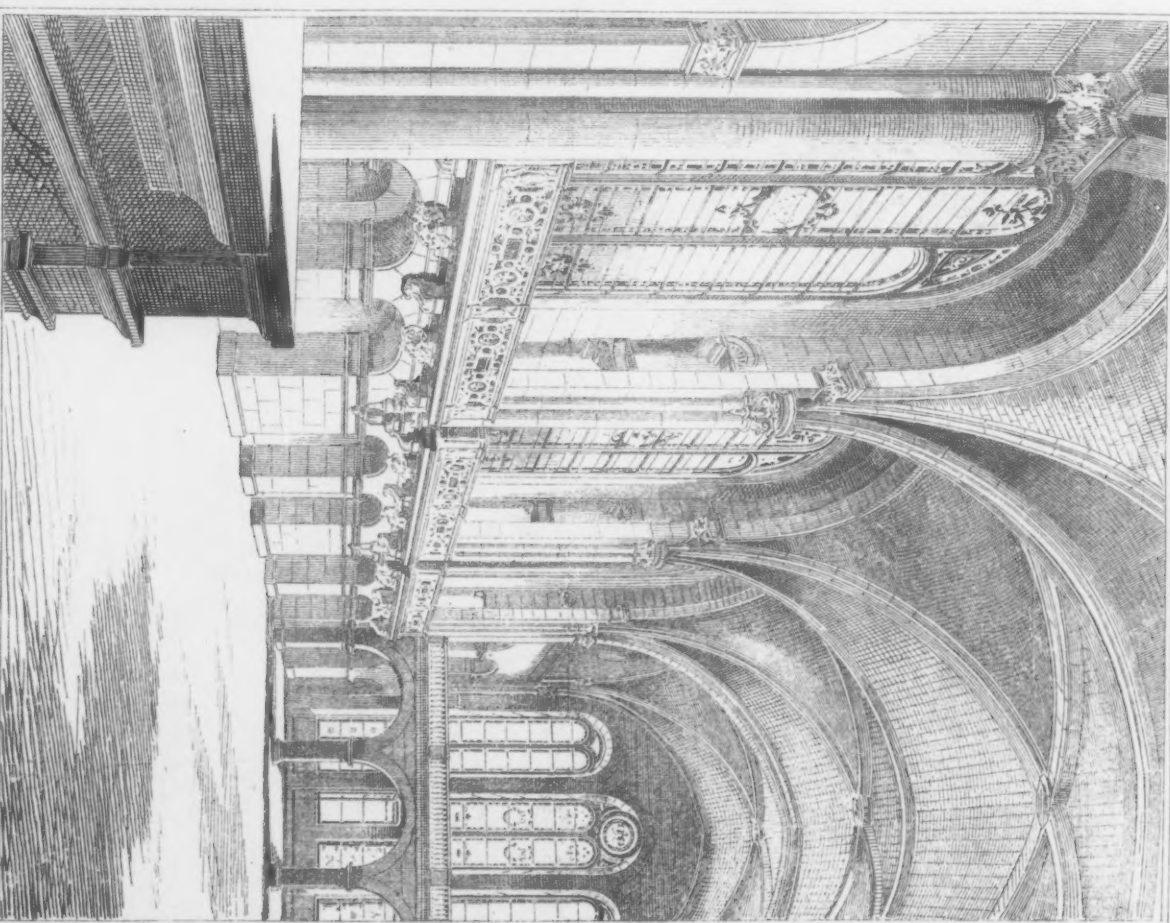
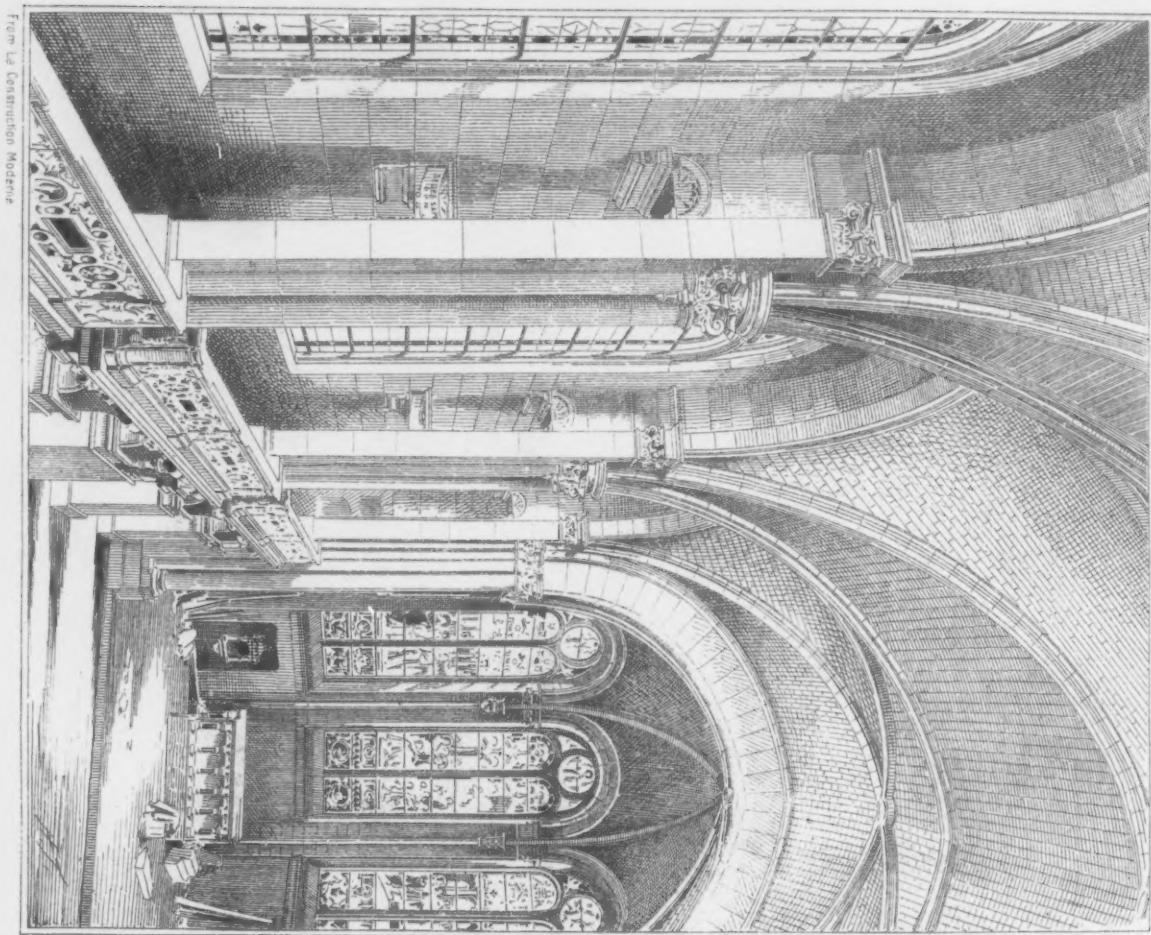
ROBERT PEARSALL, Architect.

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EXTENSION OF THE NORTH MUSEUM FOR THE STOCKHOLM EXHIBITION, 1897.

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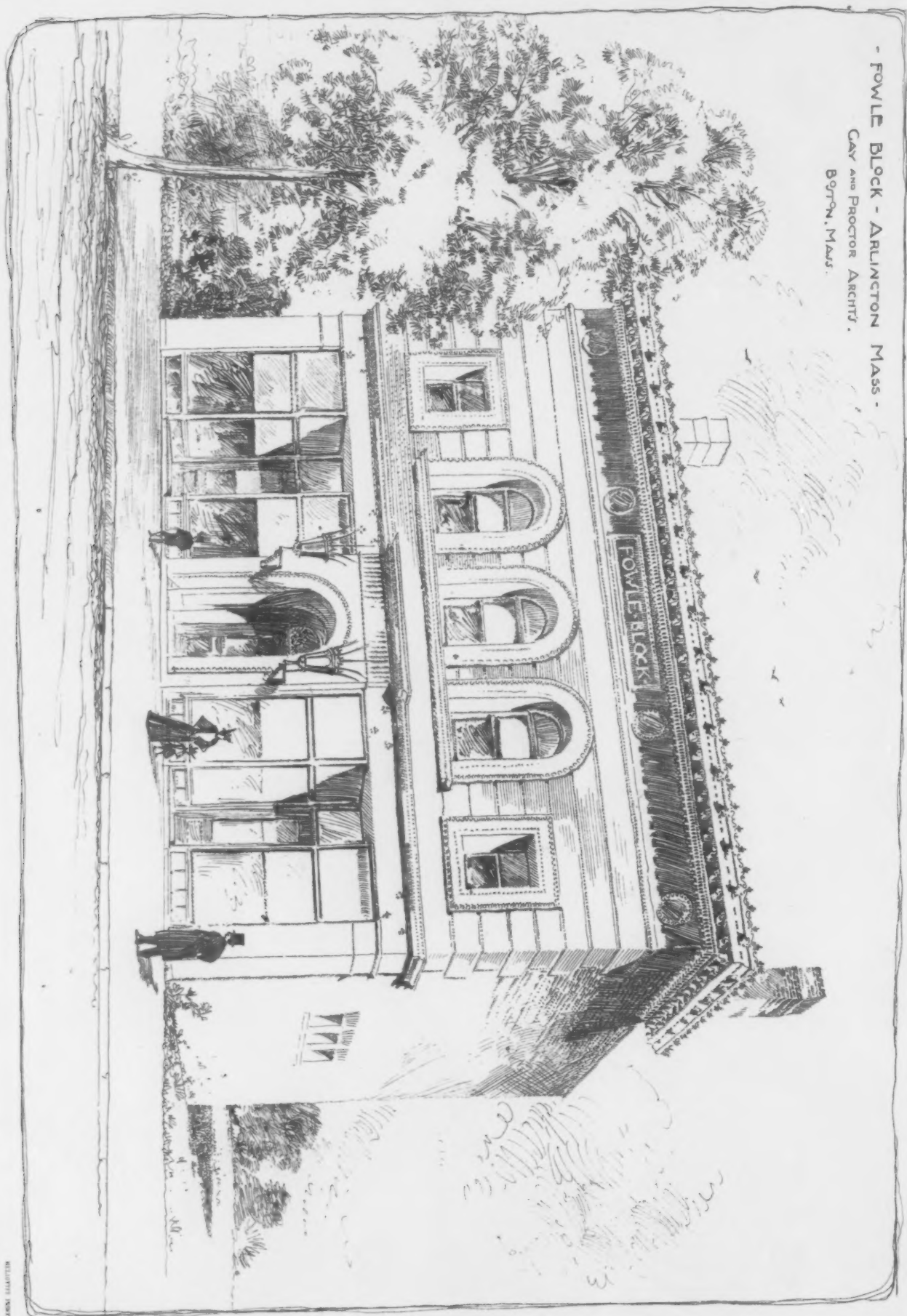
From La Construction Moderne

CHAPELLE AU MANS — ARCHITECTE M. VERITÉ.

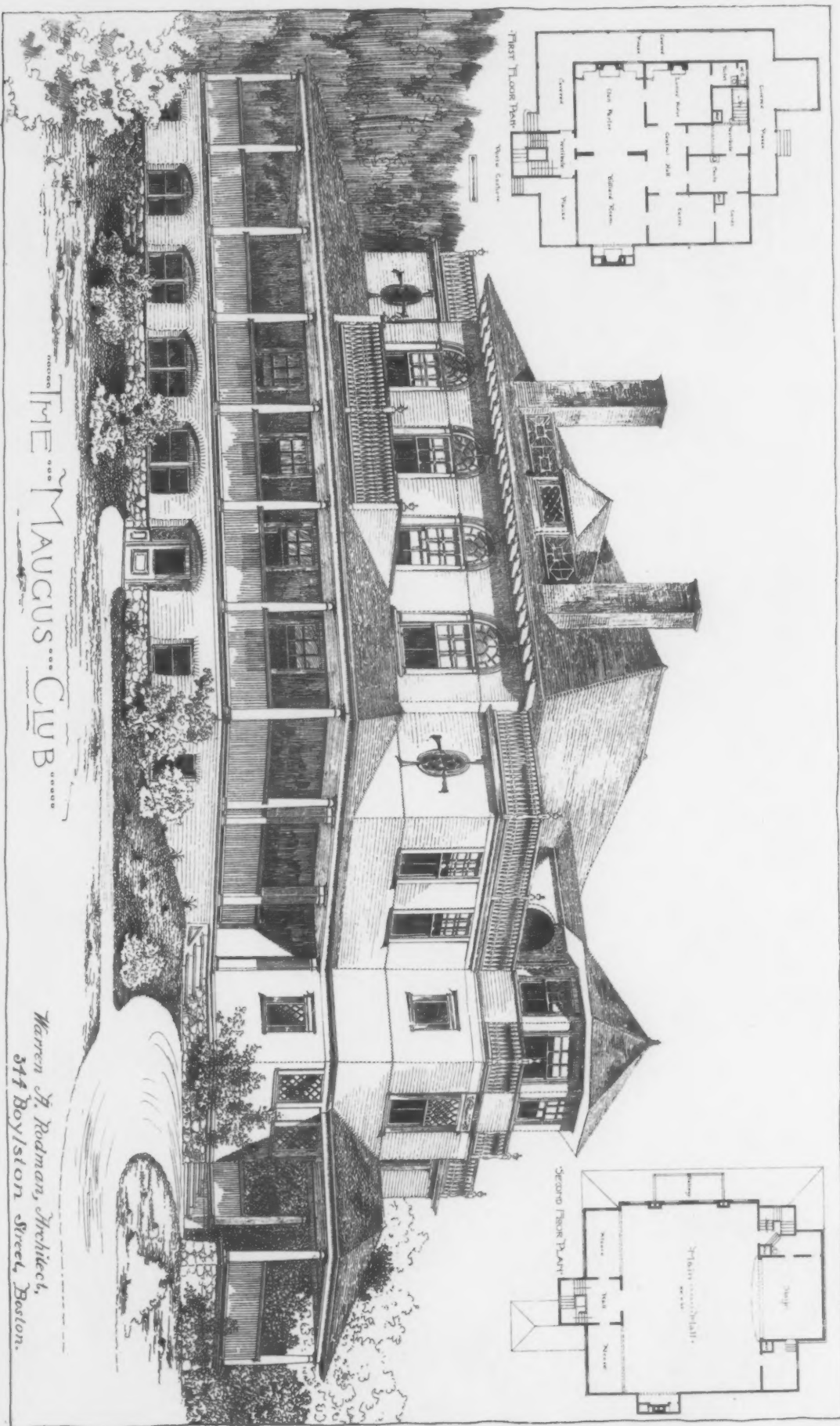
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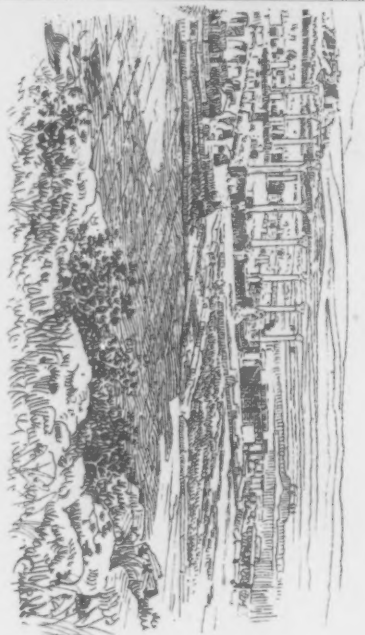
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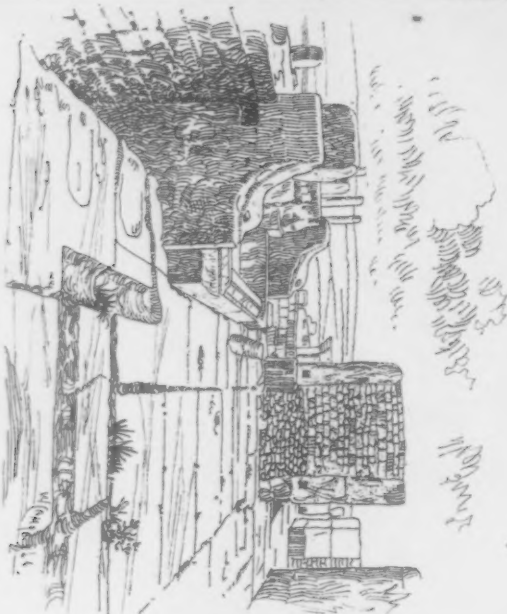
THE MARCUS CLUB

Warren H. Rodman, Architect,
314 Boylston Street, Boston.

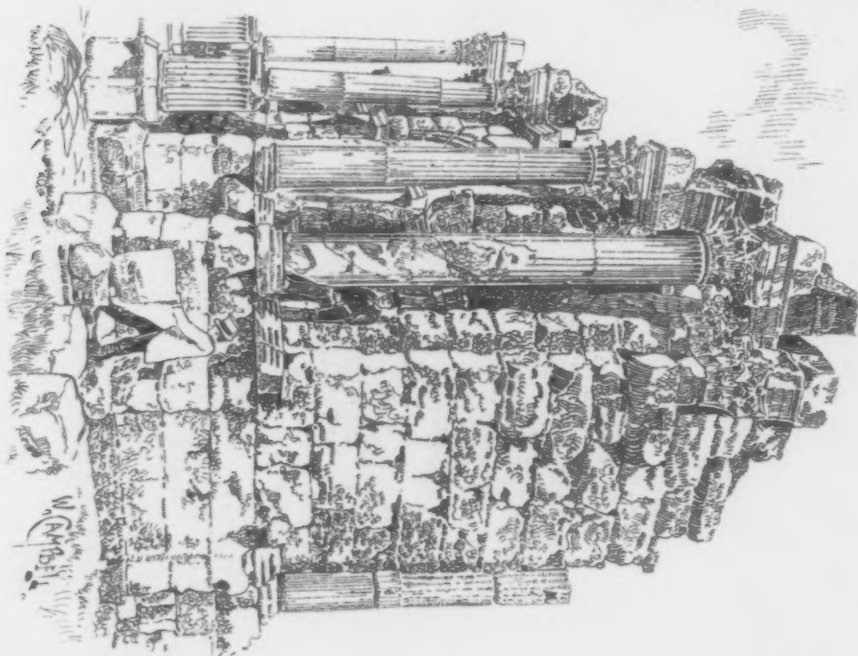
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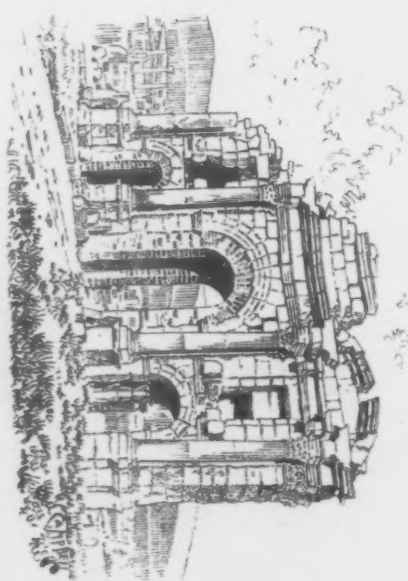
GENERAL VIEW.



PUBLIC LATRINE.



TRAJAN'S ARCH.



TRAJAN'S ARCH: EAST FRONT.



VIA DECUMANUS MAXIMUS.

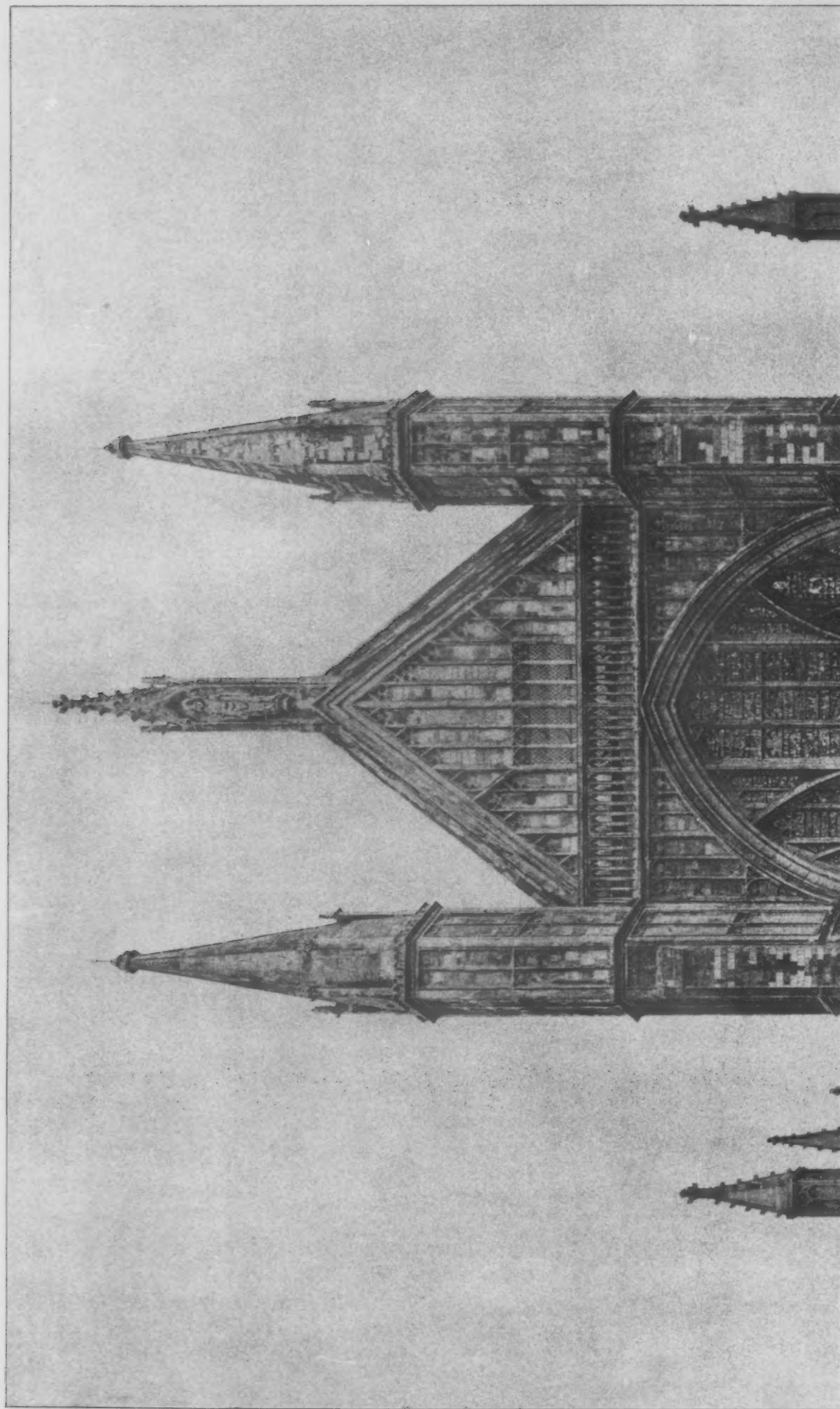
ROMAN RUINS AT TIMGAD, ALGERIA.

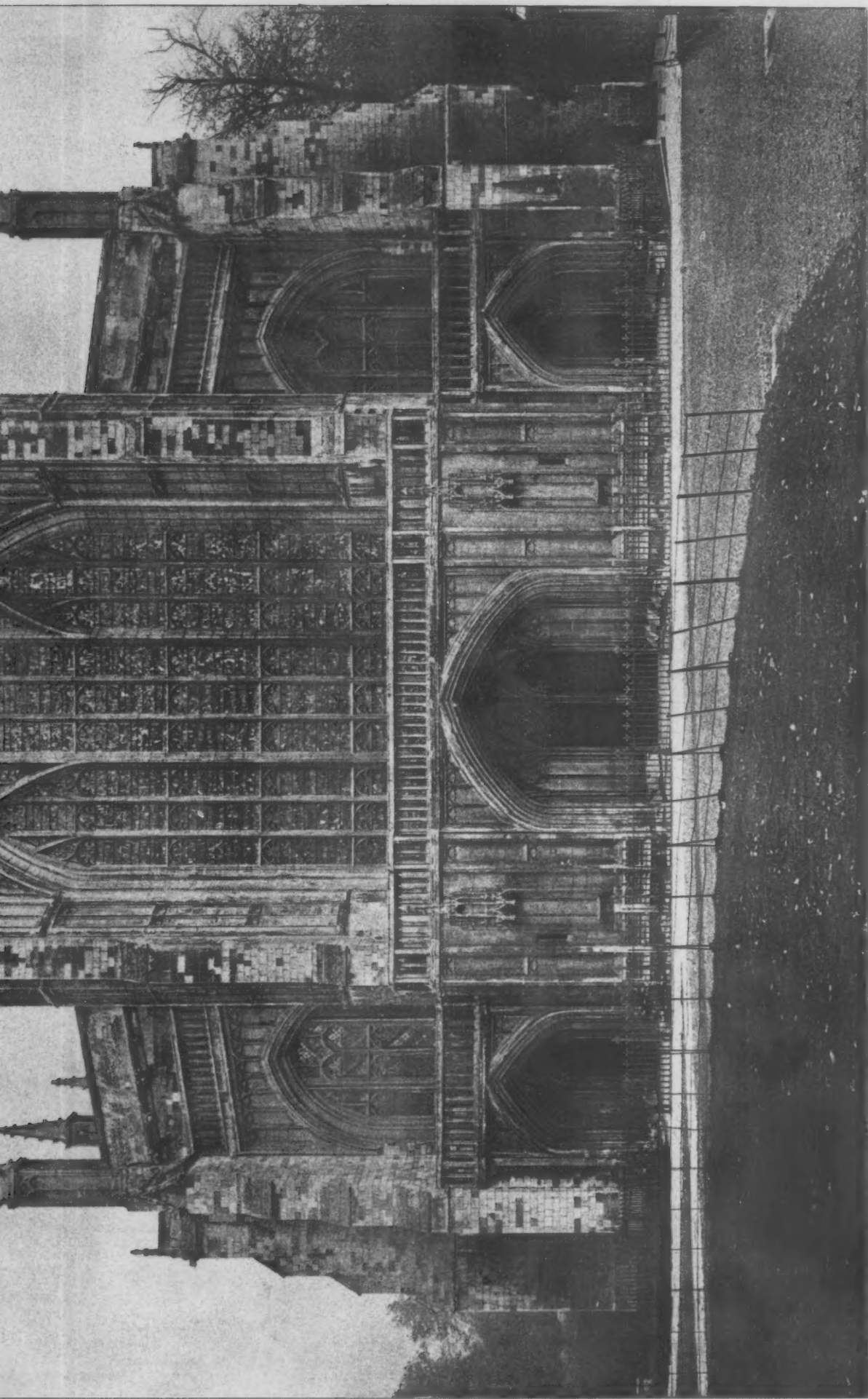
ILLUSTRATED BY J. B. B. B.



Font, Font Cover and Wall Decoration, Grace Church, N.Y.

W. A. Potter, Archt., N.Y.

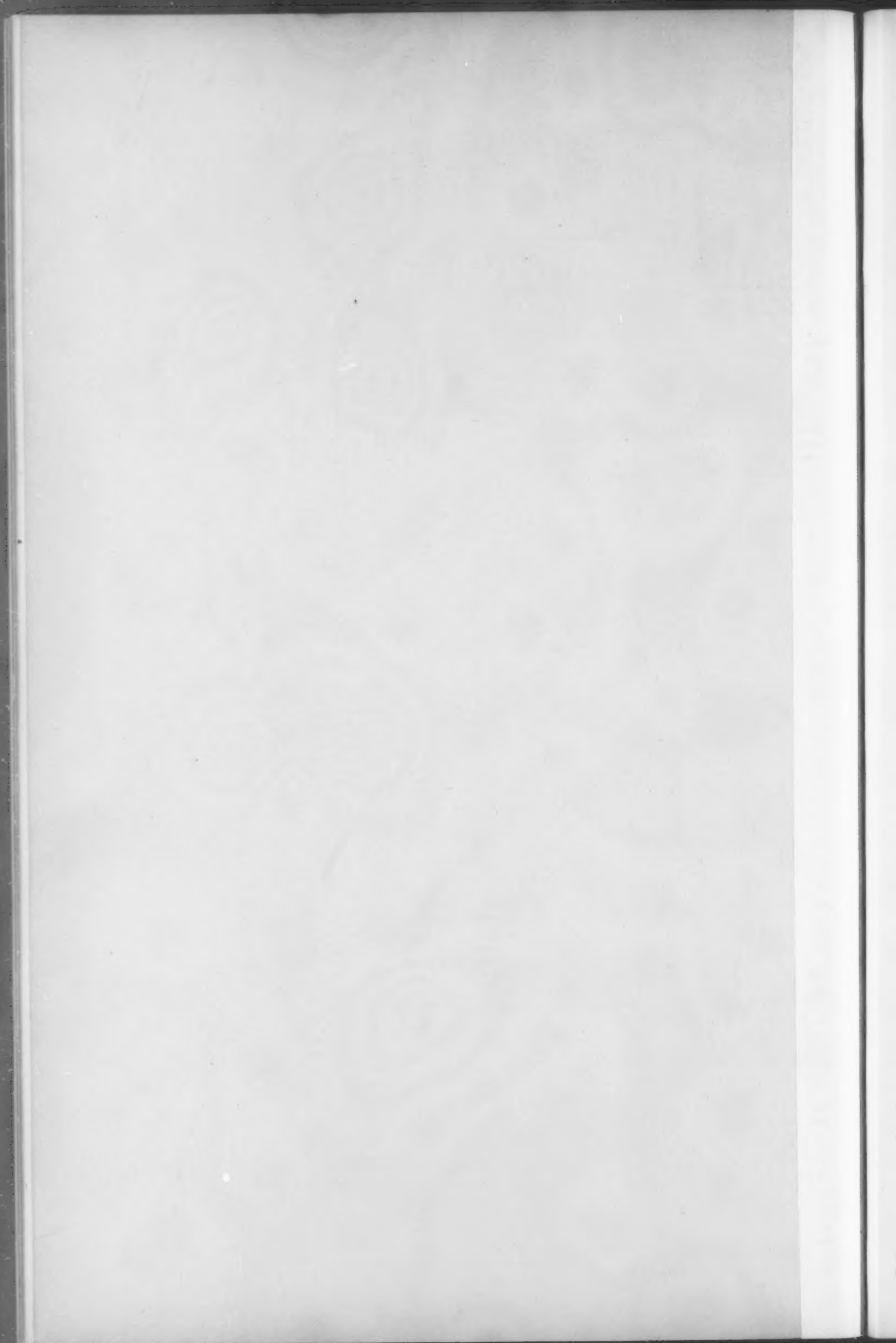




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CATHEDRAL SERIES, NO. 13.—WINCHESTER: WEST FRONT.



THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 175.

SATURDAY, JANUARY 2, 1897.

VOLUME L.V.
No. 1097.

REVIEW OF THE PAST YEAR.

In looking back over the year 1896, there is no denying some of the facts which show out very clearly. The volume of our business has been less than in 1895, though not so very much less. We were hopeful of better business, up to the time when the money question entered politics and was followed by its train of uncertainties and want of confidence.

Accounts have been hard to collect, although we believe our customers have been anxious to pay promptly. We know they have written us manly and business-like letters which made us confident of their honesty, and showed us how exceedingly hard it was to get hold of ready cash. Notes were of course often sent us, but, as renewals rather than payments were almost certain to be expected, the notes could not safely be negotiated.

Altogether our experience is that 1896 has been a season of hard times and many moments of uncertainty, but nevertheless the spirit of self-help and mutual help has been alive all the time and is now making itself felt in the way of better business, which will be still better later on.

The outcome of the election made some difference in our shipping department, for we held a number of orders dependent on the election of McKinley, and as we have known of similar instances, we can have no doubt as to McKinley's election being a benefit to the country aside from any political question.

As for 1897, business prospects are good—at least, good to all who are in any way hopeful or energetic. Even in 1896 we quite largely increased our business in those lines where we put in some extra hard and intelligent work.

Probably business men are not exceptions to Mr. Atkinson's favorite quotation from Emerson: "Man is as lazy as he dares to be," and we shall therefore shake off any lethargy that may have settled on us, and start in on 1897 at a record pace, for collections are now very good, and everything so far as we can see is encouraging to all manufacturers for both home and export trade.

JOSEPH DIXON CRUCIBLE COMPANY,
JERSEY CITY, N. J.

THE PREVENTION OF DAMPNESS IN WALLS.

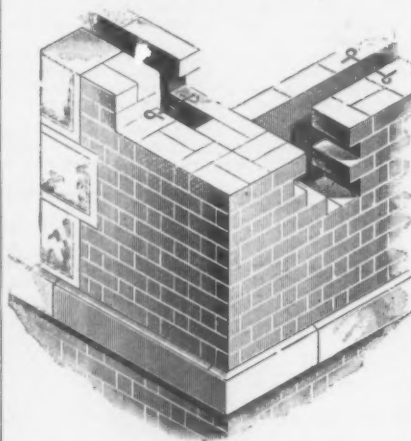
THE importance of keeping moisture out of walls need hardly be dilated upon. In addition to the great importance of a dry building for sanitary reasons, it is also most necessary for good construction. Dampness in the

masonry soon communicates itself to the wood-work and causes rot throughout the building, besides which, the masonry itself is not sound: the mortar, unless of good hydraulic lime or cement, does not set and is always liable to the attacks of frost.

Damp walls or houses cause rheumatism, lower strength, and expose the system to other passing causes of diseases.

In an exposed position, rain will drive through a tolerably stout, solid brick wall, and if water be allowed to drop or fall against it, the wall will become saturated like a sponge, to the great damage of interior finish and plaster, and to the discomfort and annoyance of the occupants.

Within the last few years various expedients have been suggested and tried to obviate the above evil, and now it is generally conceded



that the most successful plan for the absolute exclusion of moisture and dampness, is to build the wall hollow, that is, making the external wall of the building of practically two distinct walls, side by side, and at a distance apart of from one to four inches, the two sections being securely held together by the Morse Patent Wall-ties, in every fourth course and about 2 feet apart, the air-space extending continuously from the bottom to the top of the wall.

Sometimes hollow walls are bonded by means of common bricks, extending across the air-space, and built into each wall. This method of bonding should be absolutely condemned by the architect, and bonding by Morse Wall-ties insisted upon.

Brick bonding permits of the passage of moisture through the wall wherever it is bonded, not only by the moisture passing through the bond brick but also through the mortar droppings which always collect on top of the brick, thus entirely defeating the

object for which the hollow wall was designed. A new catalogue fully explaining the Morse System of Bonding will be sent free to any architect's address by the manufacturers.

J. B. PRESCOTT & SON,
WEBSTER, MASS.

"SCOTT'S EXTRA COATED" AMERICAN ROOFING TIN.

PROBABLY in no line of building material are architects more actively solicited than for roofing tin-plates. For many years this line of material has been extensively advertised, and the travelling representatives of firms in this line have personally and actively interviewed the members of the architectural profession. This has been the case in years past, when all roofing tin-plate was manufactured in Wales, the selling in this country being done by importing houses, who controlled the output of certain foreign manufacturers.

Revolution in the tin-plate business following its active manufacture in the United States, and consequent transfer of the industry from Wales to this country, has made the presentation of roofing tin to the attention of architects only the more active. With a very keen competition the result has been a natural confusion in the mind of many architects. All manufacturers of roofing tin-plates have naturally claimed their individual output to surpass all others, and as regards verbal claims, samples exhibited, etc., it is naturally very difficult, if not impossible, for the architect to judge which specific brand of roofing tin is actually the best and merits his attention and a place in his specifications accordingly.

Many of those who have recently commenced the manufacture of roofing tin in this country have naturally had little or no experience in this line prior to their recent efforts, and it is a well-known fact that unfortunately many brands now upon the market and heretofore enjoying a high reputation for quality are by no means maintained in their former standard. There is no doubt, accordingly, that for the protection of architects, who, in their specifications, require certain specific brands, and likewise for the protection of the house owner, who is naturally depending upon the architect to secure the best material, as far as roofing tin-plate is concerned, something more is needed than the exhibit of small samples and the representation of quality as may be given by different manufacturers. Samples are all right. Statements as to quantity and quality of materials and the method of manufacture are also proper, but in the present condition of the tin-roofing business the architect should be protected and backed up

in his use of any particular brand by a definite guaranty of wearing quality received from the manufacturer of said brand.

We furnish a printed guaranty or warranty of the lasting qualities of the "Scott's Extra Coated" brand, which gives the architect and house-owner using this brand definite protection for a period of ten years. There is no reason why a "Scott's Extra Coated" Tin Roof, given proper treatment, should not last a lifetime, or as long as the building itself. A specific period of ten years is mentioned and same will doubtless be recognized as a definite business proposition.

This Company has had many years' experience, first in importing supplies of highest quality roofing plates from abroad, and likewise the manufacture of the "Scott's Extra Coated" in this country.

We are confident our methods are the very best. We show our confidence in giving a definite guaranty. We believe in the use of strictly best goods which are warranted. We would be only too pleased to have other manufacturers take the same position as assumed by this Company; tin-plate would then be placed on the high plane we consider it deserving as a roofing material.

The policy we pursue in our warranty is unique as applicable to the sale of roofing tin-plate. It is a long step in advance of all other manufacturers. The peculiarities of the roofing tin-plate business are such, and the possibility of misunderstandings so frequent, that we believe our policy as above outlined should be very interesting indeed to all architects, and worthy accordingly of extended mention in your reading columns.

Very truly,

FOLLANSBEE BROTHERS CO.
PITTSBURGH, PA.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ADVANCE RUMORS.

Cincinnati, O.—It is proposed to build a theatre to cost \$125,000, in Patterson Alley. James Marsh, proprietor of the new Galt House, is said to be interested.

(Advance Rumors Continued.)

Buffalo, N. Y.—The Metropolitan Theatre will be built at the corner of Washington and Mohawk Sts., instead of on Main St., and the plans will be modified.

Bethune, Bethune & Fuchs have made plans for a four-st'y, 66' x 120', brick business-block to be built for the Sarah Howard Estate, at 208-12 Terrace St., at a cost of \$18,000.

George J. Metzger has made plans for a two-st'y, 125' x 300' rink for the Caledonia Curling Club, to cost \$100,000. The structure will be arranged so that it may be used also for conventions. George Bleistein of the *Courier*, is President of the Club.

It is said that J. B. McElfatrick & Son of New York City will be the architects for remodeling the Music Hall into a theatre.

Burlington, Vt.—The foundations are in for a five-st'y, 90' x 100', brick Masonic building, to cost about \$75,000, for the Grand Lodge of Vermont.

Cambridge, Mass.—E. A. Boyden, of Boston, is the architect of the new building to be put up on Concord Ave. for Arthur Gilman's school for girls.

HOUSES.

Cincinnati, O.—*Rosley St.*, 4 two-and-one-half-st'y brick dwell., 19' x 56'; \$12,000; own., Christian Moerlein; con., Wm. Miller; arch., Wm. Miller, Jr. *Winham Ave.*, two-and-one-half-st'y frame dwell., 30' x 30'; \$5,000; own., George W. Coleman; con., Wm. McLennan Sons; arch., B. C. De Camp.

Cynwyd Station, Pa.—Two-and-one-half-st'y stone and frame dwell., 30' x 40'; \$5,000; arch., Boyden & Taylor, 413 Walnut St., Philadelphia.

Lexington, Mass.—*Mt. Vernon St.*, two-and-one-half-st'y frame dwell., 32' x 50', hip roof, furnace; \$5,000; own. and bid., Cyrus Washburne and Hiram G. Jandrin; arch., Arthur F. Gray, Boston.

Mt. Vernon St., two-and-one-half-st'y frame dwell., 32' x 52', gable roof; \$7,000; own. and bid., Cyrus Washburne and Hiram G. Jandrin; arch., Arthur F. Gray, Boston.

Marion, Mass.—Two-st'y frame dwell., 30' x 50'; own., George U. Crocker, Boston; bid., F. L. Paine; arch., E. A. P. Newcomb, Boston.

Mamaroneck, N. Y.—*Oriente Point*, two-and-one-half-st'y frame dwell., \$15,000; own., F. J. Dupigne, 120 Broadway, New York City; arch., Hoppin & Koen, 160 Fifth Ave., New York City.

Montclair, N. J.—Dwell.; \$7,000; own., P. Roberts, 276 West Broadway, New York City; arch., McIlvaine & Tucker, 48 Exchange Pl., New York City.

Newton, Mass.—*Chase St.*, two-st'y frame dwell., 28' x 48', pitch roof, furnace; \$5,000; own., M. Bray, Institution Ave.; bid., W. S. Griffiths.

Berkley St., two-st'y frame dwell., 29' x 51', pitch roof, furnace; \$6,000; own., F. B. Witherbee, Elliott Ave.; bid., J. F. Jones; arch., R. M. Bailey, Boston.

Clarendon St., two-st'y frame dwell., 37' x 38', pitch roof, furnace; \$5,500; own., Alice Kenway, 83 Fairmount Ave.; bid., R. J. Fiewelly; arch., Wilton & Webber, Boston.

Rice St., two-st'y frame dwell., 30' x 40', pitch roof, furnace; \$6,000; own., Mrs. H. M. Rugg; bid., W. Pettigrew; arch., Eugene L. Clark, Boston.

New York, N. Y.—*One Hundred and Forty-first St.*, 6 11th Ave., 4 three-st'y brick dwell., 18' x 44'; \$36,000; own., Isabelle N. Leo, 584 West 146th St.; arch., John P. Leo.

Seventieth St., nr. West End Ave., 6 four-st'y brick dwell., terra-cotta trimmings, 17' x 56', furnaces; \$108,000; own., William and James Bradley, 101st St. and West End Ave.; arch., Ferdon & Elliott.

Riverview Terrace, n Sedgwick Ave., two-st'y brick dwell. and store, 25' x 60'; \$6,000; own., Mrs. Ida Hamman, 1761 Sedgwick Ave.; arch., Albert E. Davis.

(Houses Continued.)

Poplar Ave., n 176th St., three-st'y frame dwell., 30' x 60'; \$12,000; own., Anton Utard, 127 West 176th St.; arch., E. A. Sargent, 18 Broadway.

Philadelphia, Pa.—*Nice Ave.*, No. 433, three-st'y brick dwell., 15' x 32', con., Thos. Watts, Nice Ave. *Argyle Ave.*, ab. Levick St., three-st'y brick dwell., 18' x 44'; own., Joseph F. Roberts, 2135 Darrin St.

Providence, R. I.—*Power St.*, two-and-one-half-st'y frame dwell., 32' x 45', pitch roof, furnace; \$6,000; own., Sarah W. Peckham, 171 Powers St.; bid., James P. Millard; arch., James Shaw, Jr.

Bellevue Ave., two-and-one-half-st'y frame dwell., 28' x 50', pitch roof, furnace; \$6,500; own., Claus W. Person, 56 Bellevue Ave.; bid., Person Bros.

Stanford Ave., two-and-one-half-st'y frame dwell., 30' x 38', pitch roof, furnace; \$5,000; own. and bid., Joseph J. Devere, Auburn, R. I.

Gordon Ave., two-and-one-half-st'y frame dwell., 28' x 40', pitch roof, stoves; \$5,000; own. and bid., Peter F. Charles, 196 Gordon Ave.

West Clifford St., two-and-one-half-st'y frame dwell.; \$5,000; own., John Hogan, 255 Lockwood St.; bid., J. H. Canning.

Larch St., two-and-one-half-st'y frame dwell., 20' x 40', pitch roof, furnace; \$6,500; own., Elwood F. Ames, 132 Jenkins St.; bid., McLeod Bros.

Scituate, Mass.—Two-st'y frame dwell., 28' x 36', pitch roof, \$4,000; own., G. B. Emmons, Brookline; bid., F. F. Bailey; arch., J. F. and G. H. Smith, Boston.

Somerville, Mass.—*Waterman St.*, three-st'y frame dwell., 26' x 26', flat roof, stoves; \$6,500; own. and bid., W. F. Caldwell, on premises.

Westminster St., two-st'y frame dwell., 26' x 47', pitch roof, furnace; \$5,500; own. and bid., L. N. Handlett, 11 Jay St.

Highland Ave., two-st'y frame dwell., 25' x 44', pitch roof, furnace; \$5,000; own., J. J. Knox; bid., Martin Roach.

Summer St., two-st'y frame dwell., 25' x 25', pitch roof, furnace; \$6,000; own., B. A. Rice, 56 Willow Ave.

Broadway, two-st'y frame dwell., 25' x 38', pitch roof, furnace; \$5,000; own., Alexander Sproul, 448 Medford St.; bid., W. H. McCauley.

Willow Ave., two-and-one-half-st'y frame dwell., 40' x 40', gambrel roof; \$5,000; own. and bid., Wilbur P. Rice, 371 Highland Ave.

Benton Road, two-st'y frame dwell., 30' x 30', hip roof, furnace; \$7,500; own., Fannie R. Bradshaw; bid., G. W. Semple; arch., J. St. Claire Harold, 4 Jenny Lind Ave.

Browning Road, two-st'y frame dwell., 30' x 30', hip roof, furnace; \$6,000; own., W. S. Sawyer, 16 Browning Road; bid., L. E. Hutchinson.

Stone Ave., two-st'y frame dwell., 36' x 51', pitch roof, hot water; \$5,000; own. and bid., A. H. Gould, 42 Court St., Boston.

Henry Ave., two-st'y frame dwell., 26' x 42', pitch roof, furnace; \$5,000; own. and bid., S. H. Lewis, 183 Pearl St.

Cameron Ave., three-st'y frame dwell., 24' x 45', flat roof, stoves; \$5,500; own. and bid., J. A. Burns, premises.

Foskett St., two-st'y frame dwell., 25' x 46', pitch roof, furnace; \$6,000; own. and bid., O. H. Perry, 31 Milk St., Boston.

Alpine St., two-st'y frame dwell., 24' x 32', pitch roof, stoves; \$5,000; own. and bid., G. H. Redman and George H. Morse.

St. Louis, Mo.—Two-and-one-half-st'y dwell., n s Westminster Pl., bet. Kingshighway and Lake St.; \$5,000; own., State Savings Fund and Building Co. Two-st'y dwell., n s McPherson St., bet. Whittier and Boyle Sts.; \$5,000; own., A. K. Humphrey.

(Continued on page 4.)

Cathedral of St. John the Divine.

New York, N. Y.



WE offer the illustrations of the competitive designs for the great Protestant Episcopal Cathedral, now building on Bloomingdale Heights, New York, submitted by the following Architects:

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W. HALSEY WOOD	NEWARK, N. J.	VAN BRUNT & HOWE	KANSAS CITY, MO.

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AMERICAN ARCHITECT AND BUILDING NEWS COMPANY,

211 TREMONT STREET,
BOSTON, MASS., U.S.A.

✻ 1897 ✻

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INCREASE OF ILLUSTRATIONS

will be that portion of the year's programme which its subscribers will most welcome. These additional illustrations will be devoted largely to the topical exhibition of certain architectural motives.

The most important series of illustrations for which we have made provision is one which is to show, at large scale, the various architectural and decorative features of

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It is believed, furthermore, that efficient steps have been taken to procure from American architects a fuller supply of drawings of the more interesting work now done throughout the country, which will make it unnecessary to publish so large an amount of country and suburban dwellings, which—although they form the bulk of the practice of most architects—become somewhat tiresome through too constant iteration.

THE demands made upon our space by matters of current interest, of which the precise character cannot be predetermined, make it both undesirable and dangerous to announce a programme for the text-matter which can have any of the "drawing" qualities of the prospectus of a popular magazine.

There must be finished, of course, the serial papers on "The United States Capitol," by Mr. Glenn Brown; on "Architectural Statics," by Mr. O. F. Semsch, and further portions of the papers on "Protestant Churches."

In the way of new matter our subscribers may expect the following, amongst other papers:—

"A Summer School Abroad." By PROF. E. B. HOMER, of the Massachusetts Institute of Technology: being an account of the trip made under his auspices by a score of students through the southern counties of England and the Valley of the Loire. Illustrated by numerous sketches and photographic reproductions.

"Quantities." MR. GEORGE ALEXANDER WRIGHT, a trained quantity-surveyor, has further information to give concerning the aid the quantity-surveyor can afford to architects in this country.

"The Work of Senor Tres-Guerras," a noted Spanish-American Architect, in Mexico. By MR. SYLVESTER BAXTER, with illustrations.

"The Garden of the Villa Lante," and other Italian gardens will be treated, with illustrations, by different writers.

"Pueblo Architecture," a series of illustrated papers by MR. COSMOS MINDELEFF, late of the Smithsonian Institution.

"Sculptured Memorials of Dead Architects" will consist mainly of illustrations of these memorials, with short biographical notes.

We question whether the necessity of recording matters of current interest will allow us to make use of even all of these few papers, or of others which are in preparation and might be mentioned.

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AMERICAN ARCHITECT AND BUILDING NEWS CO.,

211 Tremont Street, Boston.

ALSEN'S PORTLAND CEMENT

is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. Houston, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most enduring wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

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ILLUSTRATIONS OF THE DECORATIVE
TREATMENT OF SOME OF THE GARDENS
MENTIONED IN THE ARTICLE

"THE GARDEN IN RELATION TO THE HOUSE,"

PUBLISHED IN ISSUE OF FEBRUARY 29, 1896, CAN BE FOUND IN

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(Houses Continued.)

Two-st'y store and dwell., s s Manchester Road, bet. Talmage and Kentucky Sts.; \$6,000; own., F. Fisher.
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Two two-st'y dwells., e s Oregon St., bet. Potomac and Cherokee Sts.; \$6,000; own., M. Mummert.
Two two-st'y dwells., s s Fairmont St., bet. Academy and Clarendon Sts.; \$9,000; own., Mrs. L. F. Reddington.
Two-st'y dwell., s s Cabanne St., bet. Academy and Clarendon Sts.; \$5,000; own., A. B. Reddington.
Two two-and-one-half-st'y dwells., s s Cote Brilliant St., bet. Marcus and Euclid Sts.; \$5,500; own., C. C. Newberry.
Two-and-one-half-st'y dwell., s s Page St., bet. Union and Belt Sts.; \$5,000; own., Isaac Johnson.
Two-st'y dwell., n w cor. Cleveland and Vandewater Sts.; \$5,000; own., Wm. Kennedy.
Two-st'y dwell., n s Bell St., bet. Sarah and Whittier Sts.; \$3,500; own., F. A. Banister.
Two two-st'y dwells., n s Sidney St., bet. Grand and Arkansas Sts.; \$7,600; own., H. Mephram.
Two-and-one-half-st'y dwell., s s McPherson St., bet. Lake St. and Kingshighway; \$9,000; own., C. R. H. Davis R. E. Co.
Four two-and-one-half-st'y dwell., n s Cleveland St., bet. Grand and Spring Sts.; \$18,000; own., H. Stephen.
St. Paul, Minn.—Iglehart St., nr. Fairview Ave., frame dwell., 27' x 48'; \$4,500; own., W. J. Reed; arch., Louis Lockwood; con., Fransen & Peterson, 156 East 3d St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Dwell.; \$6,000; own., A. L. Alnoes; arch., A. F. Gauger; con., Olof Sundgaard, 511 Broadway.
Washington, D. C.—First St., bet. C and D Sts., S. E., 3 three-st'y brick and stone dwells., mansard roofs, furnaces; \$9,000; own. and bld., Richard V. Wilkinson; arch., C. H. Gladden.
Harvard St., 3 three-st'y brick dwells.; \$13,500; own. and bld., F. T. Sawyer; arch., B. Stanley Simmons.
Willow Grove, Pa.—Three-st'y frame and stone dwell., 18' x 50', shingle roof; \$5,000; arch., Stearns & Castor, 635 Bourse, Philadelphia.
MERCANTILE BUILDINGS.
Boston, Mass.—Washington St., cor. Bromfield St., ten-st'y iron and steel mercantile structure, 30' x 30'; own., R. H. Dana and Samuel Wells, Trustees; arch., Winslow & Wetherell.
OFFICE-BUILDINGS.
New York, N. Y.—West Twenty-fourth St., No. 53, six-st'y brick office-building, 40' x 100'; \$40,000; own., Fred'k Zobel, on premises.
STABLES.
Baltimore, Md.—One-and-a-half-st'y brick stable, 14' x 30', nr. 615 Duncan Pl., bet. Monument and McElderry Sts.; own., S. J. Smith, 507 North Patterson Park Ave.
Boston, Mass.—North Beacon St., rear, No. 253, Ward 25, frame stable, 24' x 33'; \$1,200; own., Margaret Welsh; bld., M. Cronin.
Gladstone St., cor. Walley St., Ward 1, one-and-one-half-st'y frame stable, 22' x 30', pitch roof; \$1,000; own. and bld., Thos. D. Walsh, 376 North St.
Sweet St., nr. Massachusetts Ave., Ward 17, frame stable, 25' x 50', pitch roof; \$800; own., T. A. Winslow, 39 Regent St.; bld., A. W. Joslin.
Creighton St., Ward 22, two-st'y frame stable, 28' x 34', pitch roof; \$18,000; own., Rt. Rev. John J. Williams; bld., Wm. Tobin, 418 Centre St., Jamaica Plain.

BUILDING INTELLIGENCE.

STORES.

Brooklyn, N. Y.—Underhill Ave., n w cor. Dean St., four-st'y brick store and dwell., 26' x 69', tin roof; \$6,000; own. and bld., Leonard Bros., 739 Bergen St.; arch., W. M. Coots, 240 Flatbush Ave.
Chicago, Ill.—Carso & Jeffery, 3 three-st'y brick store and flat-buildings, 1068-70 East 61st St.; \$24,000.
Adam Schaaf, four-st'y brick store and warehouse, 147-149 West Madison St.; \$35,000.
New York, N. Y.—Greene St., No. 225, six-st'y brick and stone store and lofts, 20' x 57' 0"; \$25,000; own., D. P. Chesebro, 300 East 64th St.; arch., Buchman & Deisler.
West Twenty-fourth St., Nos. 141-143, seven-st'y brick store and lofts, 30' x 90'; \$40,000; own., Fred'k Zobel, 53 West 24th St.
TENEMENT-HOUSES.
Everett, Mass.—Ferry and Woodward Sts., three-st'y frame building for store and tenements, 48' x 50', flat roof, furnace; \$6,000; own. and bld., E. D. Sprague, Woodward St.
Somerville, Mass.—School St., two-st'y frame 4-tenement-building, 38' x 52', flat roof, furnace; \$10,000; own., Eleanor J. Grover; bld., J. W. Gilpatrick, 45 Prospect St.
WAREHOUSES.
Brooklyn, N. Y.—Water St., s e cor. Pearl St., six-st'y brick warehouse, 100' x 102' 0", iron roof; \$90,000; own., Jones Bros., 79 Front St.; arch., A. G. and E. N. Stone, 1370 Dean St.; bld., A. G. Stone, 1370 Dean St.
St. Louis, Mo.—Two-st'y warehouse, n s Lynch St., bet. 11th and 12th Sts.; \$12,000; own., Louis Obert.
MISCELLANEOUS.
Allentown, Pa.—Three-st'y iron and brick, slow burning construction brewery, slag roof; cost about \$90,000; own., Lehigh Valley Brewing Co.; arch. Lehr, Leh & Martz.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 176.

SATURDAY, FEBRUARY 6, 1897.

VOLUME LV.
No. 1102.

CABOT'S DEAFENING "QUILT."

THE "Old Pierce House," at Dorchester, Mass., is an admirably preserved specimen of the earliest New England architecture, and a monument to the solid and substantial building of our forefathers. Built in 1635, it has never been owned or occupied by any but a lineal descendant of its builder, the present owner being of the eighth generation from the

it must have been subjected during the more than two and a half centuries that it has remained in these walls, this eel-grass was found to be in a perfect state of preservation, and a sample of it, together with a chronicle of the above facts from the present Mr. Pierce, may be seen at the office of the undersigned.¹ The walls of the Babcock House,² at Milton, Mass., built 1723, are similarly packed with

of common grasses; and this also accounts for the fact that the eel-grass is not inflammable.

We cite the above facts because we find that the most common, and what would be, if true, a most vital, objection raised by prospective users of our Insulating and Deafening "Quilt" is that the eel-grass filling will, in course of time, decay or become brittle and



The Old Pierce House, Dorchester, Mass. Built 1635.

original Robert Pierce. A short time ago, in making repairs, it became necessary to open the walls of this ancient structure, when they were found to be stuffed, between the stud-
ding, with eel-grass, placed there, no doubt, for more complete protection from the rigorous climate of the New World. Notwithstanding the almost innumerable alternations from dry to damp and damp to dry to which

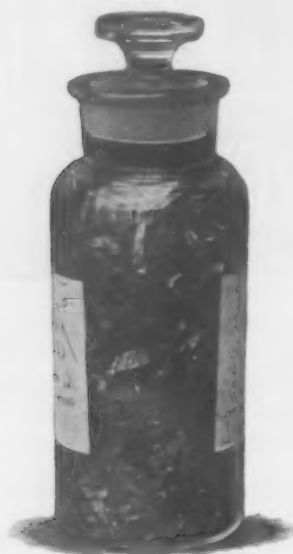
eel-grass, which is also untouched by decay. The cause of this preservation, so remarkable when we compare it with the quick decay of the herbaceous growths of the air, is found in the chemical constitution of the eel-grass, which contains silicon in place of the carbon

¹ Sample of eel-grass and label.

² This house, recently remodelled, is stained with Cabot's Creosote Shingle Stains.

powdered, thus rendering the Quilt worthless for the purposes to which it is applied. This is, perhaps, a natural hypothesis, but we are glad to be able to offer scientific reasons to the contrary, and to point to actual cases where the longevity of properly cured eel-grass has been proved beyond the possibility of doubt. In this connection it may be well to observe that the presence in the eel-grass of

a large percentage of iodine, common to all sea-plants, renders it free from the attacks of moths and vermin, to destruction by which wool felts and all other materials of animal origin are peculiarly subject. The long, flat



Sea-weed taken from the Pierce House, Dorchester, in 1893. The house was built about 1635 and this had never been disturbed.—Geo. Francis Pierce, Oak Ave., Dorchester, Mass.

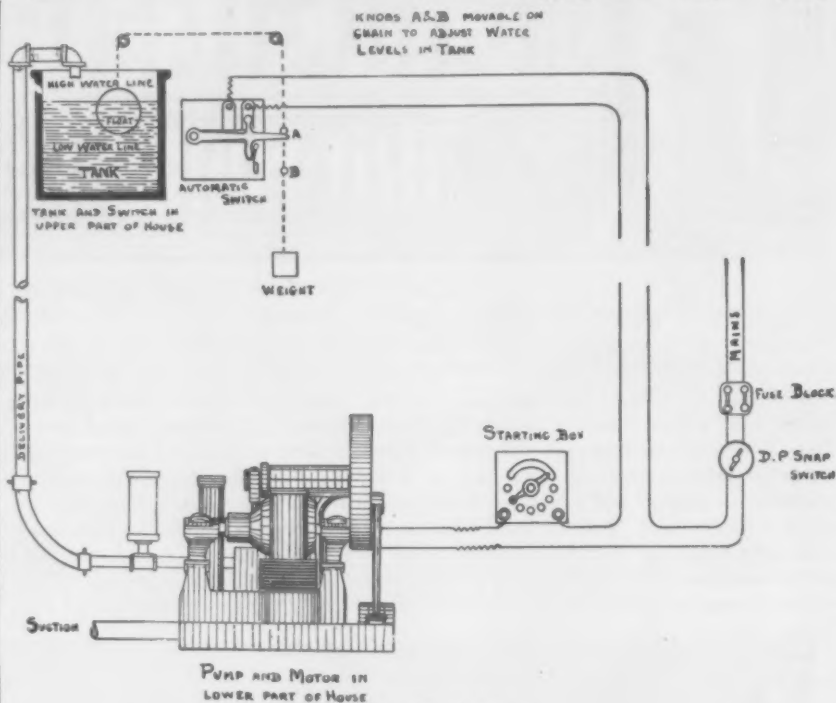
blades of eel-grass, crossing each other at every angle as they do in our Quilt, form the innumerable minute dead air spaces which give to our material most of its great insulating power; and their elasticity contributes the resilience which furnishes the rest.

SAMUEL CABOT,
70 KILBY ST., BOSTON, MASS.

WORTHINGTON ELECTRIC PUMP.

THESE pumps can be used for a great variety of purposes, but are specially intended to supply the reservoir tanks of high office-buildings or residences where the pressure carried

count of the limited number of working parts, as well as for the simplicity and compactness of their design. They can be placed anywhere where electrical current is available, and require little or no attention after once installed.



A special feature is the absence of gears; the motor being connected to the pump entirely by belt, thus doing away with the constant rumbling which is unavoidable even with the best of cut gearing. The plunger is differential (not single acting as is often assumed), displacing equal quantities of water on both the up and the down stroke, and as the normal speed of the pump-shaft is 200 r. p. m., the result is an even and regular flow of water through the discharge-pipe. An-

sumed varies between one-quarter horse-power and one horse-power, depending upon the head pumped against.

The diagram shows the method of wiring the motor, and an automatic controlling device for stopping and starting the pump.

This arrangement ensures a supply of water always ready for immediate use. The operation, briefly described, is as follows:

A regular hand rheostat is placed in the main circuit, one wire being first led through a snap switch located in some convenient place near the tank. Suppose the pump to be running, delivering water into the tank, the float rises until the knob A comes in contact with the lever of the switch, when the suspended weight snaps it open, breaking the circuit and stopping the pump; when the float descends, owing to water being drawn from the tank, the knob B comes in contact with the lever, closing the switch and again starting the pump. By adjusting A and B, any desired water level may be maintained.

In addition to the pump above described, Worthington pumps suitable for all services are built to be driven by electric motors, and special designs have been made to cover the requirements of hydraulic elevator service, mine service, water-works supply, irrigation purposes, fire protection, or in short, any service where electric motive power can be used to advantage. The success of this kind of apparatus depends, however, so much upon a careful selection not only of the size, but of the type of machine to be used, that full particulars should be sent in asking for an estimate.

HENRY R. WORTHINGTON,
NEW YORK, N. Y.

FORTY YEARS OF LIGHT.

THE firm of I. P. Frink, 551 Pearl St., New York, has for forty consecutive years jealously guarded their reputation for fair dealing, and the superior quality and construction of their reflectors.

Successful from the start, they have kept far in the lead, keeping pace with this age of light, improving quality and construction, so that the 1897 could hardly be recognized as a distant relative of the 1857 reflectors.



Worthington Electric Pump.

on the city main is not sufficient to elevate water above the lower stories.

They are made in two sizes of 250 gallons and 500 gallons capacity per hour, respectively, and are specially commendable on ac-

other advantage of the differential plunger is that it equalizes the work, throwing a constant load on the motor, which is very essential for its safety and durability as well as for economy. The actual amount of power con-

During this time they have lighted over twenty thousand churches, covering nearly every country in the world, and thousands of halls, theatres, armories, schools, hospitals, court-houses, stores and public buildings, receiving the First Prize, Medal and Diploma at the World's Fair, Chicago, 1893.

Although advertising "The Great Church Light" extensively, they do not confine their efforts to churches only, but have lighted a large number of the finest private mansions in the principal cities of America, recently lighting a reception-room in New York, in which over one hundred thousand dollars was expended on interior decorations, four thousand of which was for the Frink Reflectors for lighting the room. The reflectors were heavily plated with gold.

From Lagas, West Africa, they have received orders for lighting several groups of buildings, for the Church Missionary Society, of London, England, and have just received another order from there for lighting another group of buildings, accompanied by a draft on the London Society for seventy-five pounds sterling, an amount that some of our more pretentious home churches hesitate to expend on lighting fixtures.

They have now in hand the lighting of the buildings of the new Corcoran Galleries of Art, Washington, D. C., the Rhode Island School of Design, Providence, R. I., and of churches in nearly every State in the Union.

During the holidays, they received several orders by telegraph, giving the size of the church, with no previous correspondence. These few straws clearly indicate the esteem in which the firm is held by the general public. Their facilities for turning out good work promptly are more perfect than ever before.

They invite correspondence on the subject of material light, and send "Book of Light" free, on request.

I. P. FRINK,
NEW YORK, N. Y.

REMOVALS.

On February 1st we shall remove our New York Office from Nos. 82-84 Centre Street, to No. 48 Centre Street, New York, occupying half the store premises of Wm. H. Sheridan.

Mr. I. G. James, New York Selling Agent, extends a cordial invitation to the trade to call and inspect the extensive line of boilers which will be on exhibition in the salesroom.

GURNEY HEATER MFG. CO.

We will remove our Boston store, on or about February 15th, to No. 17 Pearl Street.

This store is now under the management of Mr. J. D. Stiles. Mr. Stiles states that he will be pleased to meet all his friends and acquaintances, and those interested in steam goods, at above address.

JENKINS BROS.,
NEW YORK.

NOTES.

JAMES H. GOULD, who died December 30, 1896, at Seneca Falls, N. Y., was the eldest son of the late Seabury S. Gould. He was born in 1844, and arriving at maturity, went into mercantile business in New York. Here he was not successful, and returning to Seneca Falls in 1872, he took part in the reorganization of the manufacturing company that his father had helped to found. He and his brother, Seabury S., Jr., relieved the father of the active management, and James H. soon

became the controlling spirit of the business. Like General Grant at the head of the army, he had found a field for the exercise of his abilities, and through all the financial crises, the business depressions and hard times that have occurred, the Goulds' Manufacturing Company has kept steadily on, enlarging its plant and broadening its field of operations, until now there is not a civilized country on earth where its products are not known. The business is thoroughly systematized, and all connected with the various departments are efficient and capable, the brother, S. S. Gould, being a close and confidential adviser, but the head of the concern was James H. Gould. His foresight, courage, breadth of view, and knowledge of detail, made him master of the business and its successful manager. After the death of his father he was made the president of the company, but the change of officers did not make any change in his duties, as he had been from the beginning of his connection with the company its actual manager. He had been, also, for several years President of the Exchange National Bank of Seneca Falls, and his investments in various outside enterprises always received his careful attention.

We are pleased to advise our readers that they may find in this week's issue, page x, the advertisement of McClure & Co., dealers in tin-plate and metals, Pittsburgh and Philadelphia, Pa. Messrs. McClure & Co. report that they had the past year increased demand for their guaranteed brands of roofing tin, which comprises the following: "McClure's Redipped," "McClure's Roofing," "Garland Old Style," "O. B. T. Extra Coated." These brands are guaranteed by the manufacturers to be leaders in their respective grades.

THE Bedford Quarries Company has opened an office at No. 1 Madison Avenue, New York, where it will be represented by Mr. A. F. Shuman, sales agent. Intending purchasers of Bedford stone will find it to their interest to confer with Mr. Shuman before placing orders.

THE saw-mill of the American River Land and Lumber Co., which is located close to the power-house at Folsom, Cal., of the Folsom-Sacramento Power Transmission, was started successfully on December 1st, cutting 50,000 feet of lumber per day. The saw-mill is the first in the country, and indeed in the world, which is operated by electricity.

The current is three-phase, taken from the power-house at Folsom, and the motors are all of the induction type, the installation having been made by the General Electric Company. The motors employed are one of 75 horse-power, one of 50 horse-power, both running at 720 volts, three of 30 horse-power, and one of 5 horse-power operating at 200 volts.

THE annual election of officers of the American Boiler Company, which took place in Chicago on January 22d, resulted as follows: W. K. Pierce, *President*; E. H. Fowle, *Vice-President*; C. V. Kellogg, *Treasurer* and *General Manager*; James Mackay, *Secretary*. The above, with Hamilton Borden and W. A. Cameron, constitute the *Board of Directors*.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

CHURCHES.

Torrington, Conn.—Water and Front Sts., one-st'y and basement brick and stone church, 50' x 110',

slate roof, steam; \$35,000; own., Trinity Church Society; arch., Henry M. Congdon, 18 Broadway, New York City; not let.

West Gardner, Mass.—One-and one-half-st'y brick, iron and terra-cotta church, 65' x 150', slate roof, comb. heat; \$60,000; own., French Catholic Society; Rev. Fr. A. E. Langvin, Gardner, Pastor; arch., Henry Lapointe; not let.

EDUCATIONAL.

Mt. Vernon, N. Y.—Third Ave., three-st'y and basement, brick, stone and terra-cotta school, 64' x 150', pitch slate roof, steam; \$63,000; own., Board of Education; con., Dawson & Archer, 24 East 42d St., New York City; arch., Boring & Tilton, 57 Broadway, New York City.

New York, N. Y.—East Broadway, Gouverneur, Henry and Scammell Sts., five-st'y brick school, 133' x 163'; \$250,000; own., Board of Education; arch., C. B. J. Snyder, 146 Grand St.

South Hadley, Mass.—Three-st'y brick and stone dormitory, 60' x 120', slate roof, steam; \$30,000; own., Mt. Holyoke College, A. L. Williston, Northampton, Chairman Building Committee; a. ch., C. Powell Karr, 70 Fifth Ave., New York City; bld., A. C. Valadier, New York City.

Waterloo, Ia.—Two-st'y brick school, 49' x 70', slate roof, steam; \$7,000; own., Town; arch., Oliver O. Smith, Des Moines.

FACTORIES.

Chicago, Ill.—Ernest de St. Aubin, six-st'y brick factory, 454 S. Clark St.; \$24,000.

HOTELS.

Winthrop, Mass.—Three-and one-half-st'y frame hotel, 38' x 56', gambrel roof, steam; \$6,100; own., Fred L. Hall; bld., H. R. Douglas; arch., T. M. Sargent, 41 Tremont St., Boston.

HOUSES.

Amherst, Mass.—Two-and one-half-st'y frame dwell., 32' x 50'; pitch roof, furnace; \$5,000; own., the Misses Bestin; arch., Putnam & Bayley, Northampton.

Baltimore, Md.—One three-st'y and five two-st'y brick dwells., beg. s e cor. Gay and Hoffman Sts.; own., Morris & Beatty.

Sixteen two-st'y brick dwells., s s Bernard St., bet. 27th and 28th Sts.; own., J. S. Kidd & W. A. Davidson, 121 South Broadway.

Four two-st'y brick dwells., n s Mary Terrace, bet. Pennsylvania Ave. and Division St.; own., Max Plitt, 2547 Pennsylvania Ave.

Three three-st'y brick dwells., w s Broadway, bet. Biddle and Preston Sts.; own., Chas. B. Hakesley, 1212 North Gay St.

Boston, Mass.—Trescott St., nr. Faxon St., Ward 20, 3 two-st'y frame dwells., 20' x 42'; pitch roof, furnace; \$15,000; own. and bld., Cummings & Morehouse, Faxon St., Dorchester.

Sunset St., nr. Hillside St., Ward 19, 3 three-st'y frame dwells., 25' x 52', pitch roof, stoves; \$12,000; own. and bld., Michael McPherson, 85 Day St.

Townsend St., Ward 21, two-and one-half-st'y frame dwell., 49' x 49', pitch roof, furnaces; \$6,500; own., Mrs. M. Joel, 2 Whiting St.; arch., Saml. Rantin & Son, 1117 Columbus Ave.

Lonsdale St., nr. Adams St., Ward 24, 11 two-st'y frame dwells., 30' x 32', pitch roof, furnaces; \$4,000; own. and bld., Victor J. Slocum, 568 Freepost St., Dorchester.

Boston and Powers Sts., Ward 16, 4 three-st'y frame dwells., 20' x 32', flat roof, stoves; \$15,100; own., Clara K. Robinson, 1122 Dorchester Ave.; bld., Wm. J. Robinson.

Wyman St., nr. Chestnut Ave., Ward 22, two-st'y frame dwells., 24' x 54', pitch roof, furnace; \$6,000; own. and bld., Walter Curley, 35 Cranston St., Jamaica Plain.

Stanwood St., nr. Blue Hill Ave., Ward 20, 4 three-st'y frame dwells., 24' x 65', flat roofs, furnaces; \$25,000; own. and bld., Carl S. Neilson, 344 Norfolk St.

Burke St., Nos. 4-6, Ward 18, 2 three-st'y brick dwells., 17' x 45', flat roofs, stoves; own., Thomas McDonough, 1011 Tremont St.; arch., Robt. A. Watson.

Dundee St., nr. Falmouth St., Ward 10, 5 three-st'y brick dwells., flat roof, stoves; \$25,000; own. and bld., Wm. H. Henderson, on premises.

Rosemont St., nr. Dorchester Ave., Ward 24, 8 two-st'y frame dwells., 23' x 37', pitch roofs, furnaces; \$25,000; own. and bld., Bernard Dorcey; arch., J. Merrill Brown.

Ellingwood St., nr. Heath St., Ward 19, 2 three-st'y frame dwells., 23' x 48', flat roofs, stoves; \$10,000; own., Margaret Doyle, 3 Burney St.; bld., George Peterson.

Baileys St., nr. Atherstone St., Ward 24, 2 two-st'y frame dwells., 25' x 25', pitch roof, furnace; \$6,000; own., H. D. Van Norden, 13 School St.; bld., Mark Carmier.

Adams St., nr. Eustis St., 3 three-st'y brick dwell., 20' x 45', flat roofs, stoves; \$12,000; own. and bld., Crowther & Kaufman, 2552 Washington St.; arch., E. P. Morse.

Montebello Road, Ward 20, two-and one-half-st'y frame dwell., 30' x 42', hip roof; own., Chas. G. Wells; arch., E. J. Lewis, Jr.; not let.

Brookline, Mass.—Chelmsford Road, nr. Harvard St., two-and one-half-st'y frame dwell., 32' x 36', pitch roof, furnace; \$5,000; own., Lyon & Seamaus; bld., L. T. Lyon; arch., Alonzo D. Wright, 40 State St., Boston.

Deane Road, two-st'y frame dwell., 40' x 29', pitch roof, furnace; \$10,000; own., Willard Pierce; bld., A. Hathaway & Sons, 77 River St., Boston; arch., Dabney & Hayward, Boston.

Osborne Road, two-and one-half-st'y frame dwell., 40' x 45', hip roof, furnace; \$8,000; own., Frank W. Meads; bld., Wm. Kellar; arch., Clark & James, 50 Bromfield St., Boston.

Buzzard's Bay, Mass.—Two-and one-half-st'y frame dwell., 34' 10" x 28' 6", hip roof, furnace; own., Wm. Osgood Taylor; bld., Noyes & Bros.; arch., H. M. Stephenson, Boston.

Dedham, Mass.—Walnut St., two-and one-half-st'y frame dwell., 41' x 36', gambrel roof, furnace; \$5,000; own., Mrs. A. M. Cotton; bld., M. H. McLean.

Fall River, Mass.—Lincoln Ave., cor. Rock St., two-and one-half-st'y frame dwell., 40' x 46', pitch roof; \$10,000; own., Edward H. Thomas, 2 Davol St.; bld., Leeming & Jones.

Hartford, Conn.—Wetherfield Ave., two-and one-half-st'y frame dwell., 30' x 48', pitch roof, furnaces; \$8,000; own., Mrs. M. J. Black; arch., Mrs. G. W. Buckland, 236 Main St.; day-work.

ALSEN'S PORTLAND CEMENT

is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. Houston, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most enduring wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

Alsen's Portland Cement Works, New York Office, 143 Liberty Street.

BUILDING INTELLIGENCE.

(Houses Continued.)

Haddonfield, N. J.—Two-and-one-half-sty dwell., 56' x 65'; own., Theo. L. Warrington; arch., Leslie Gibson Warrington.

Haverford, Pa.—Three-sty and basement frame and stone dwell., 33' x 50', shingle roof; \$10,000; own., G. R. Griscom; arch., Furness, Evans & Co., Philadelphia.

Milwaukee, Wis.—Highland Boulevard, two-sty brick and frame dwell., 32' x 48', pitch roof, steam; \$10,000; own., Wm. H. Manegold; bld., Wm. Winter; arch., Jacob Jacobi.

New Bedford, Mass.—Chestnut St., two-and-one-half-sty frame dwell., 32' x 48', pitch roof, furnace; \$7,000; own., Arthur C. Wheaton; bld., Z. W. Peterson; arch., C. Hammond & Son.

New Haven, Conn.—Rock Ave., two-and-one-half-sty frame dwell., 35' x 50', pitch roof, steam; \$10,000; own., Geo. A. Keyes, M. D., 177 Lawrence St.; arch., Brown & Von Beren, 70 Church St.

Philadelphia, Pa.—Chestnut St., s. s. w. 45th St., 18 three-sty Pompeian brick dwell., 18' x 63'; \$11,000 to \$14,000 each; all to be built in pairs; arch. and own., S. C. Boyer.

Sansom St., n. s. w. 45th St., 20 three-sty Pompeian brick dwell., of 12 rooms, 16' x 50'; \$6,500 to \$9,000 each; arch. and own., S. C. Boyer.

Haworth St., e. Cedar St., 2 two-sty brick dwell., 16' x 52'; own., Stock Bros., 1963 Washington Ave.

Twenty-eighth St., w. s. n. Huntingdon St., 4 three-sty brick dwell., 16' x 44'; own., Solomon Greenburg, 335 Christian St.

Twenty-eighth St., w. s. n. Huntingdon St., three-sty brick dwell., 20' x 44'; own., Solomon Greenburg, 335 Christian St.

Twenty-ninth St., e. s. n. Huntingdon St., 17 three-sty brick dwell., 16' x 46'; own., Solomon Greenburg, 335 Christian St.

Twenty-eighth St., w. s. n. Huntingdon St., 12 two-sty brick dwell., 16' x 41'; own., Solomon Greenburg, 335 Christian St.

Huntingdon St., n. s. w. 28th St., 19 two-sty brick dwell., 14' x 41'; own., Solomon Greenburg, 335 Christian St.

Merion Ave., e. 49th St., 7 two-sty brick dwell., 14' x 41'; own., David G. McClure, 727 Reed St.

Albert St., n. s. w. 28th St., 38 two-sty brick dwell., 14' x 41'; own., Solomon Greenburg, 335 Christian St.

Harold St., n. s. w. 38th St., 38 two-sty brick dwell., 14' x 41'; own., Solomon Greenburg, 335 Christian St.

Porter St., n. s. w. 13th St., 6 two-sty and 1 three-sty brick dwell., 15' x 48'; own., Timothy Gallagher, 1727 South 18th St.

Stella Ave., n. s. w. 38th St. and Trenton Ave., 66 two-sty brick dwell., various sizes; own., Jno. D. Rainy, 703 Hale Building.

Providence, R. I.—Blackstone Boulevard, two-and-one-half-sty frame dwell., 30' x 50', pitch roof; \$10,000; own., W. W. Rickard; bld., T. B. Ross & Son; arch., Clarke & Spaulding, 167 Cushing St.

Upton, Pa.—Three-sty stone dwell., 35' x 40'; own., P. H. Morris; estimated cost, \$10,000; arch., Bailly & Truscott, Philadelphia.

Washington, D. C.—T St., N. W., 5 three-sty brick dwell., 20' x 51'; \$30,000; own. and bld., Geo. S. Cooper, 16 Baltic Bldg.

Columbia St., three-sty brick and stone dwell., 20' x 31'; \$5,000; own., J. N. Sanner; bld., F. T. Sanner; arch., B. Stanley Simmons.

Park St., 2 two-and-one-half-sty brick and stone dwell., 45' x 70', mansard roof, hot water; \$40,000; own., Chas. Schneider; arch., Albert Goenner, 600 F St., N. W.

Sheridan St., 6 three-sty brick dwell., of 10 rooms each, hot-water heat; \$42,000; own., Chas. Schneider; arch., Albert Goenner.

Wyoming and California Aves., 14 three-sty and basement brick and stone dwell.; \$98,000; own., Chas. W. Simpson.

Willow Grove, Pa.—Three-sty frame dwell., 18' x 56', shingle roof; own., Mrs. Joseph L. Connolly; own., Thos. Rush, Franklin St., Frankford; \$6,000; arch., Stearns & Castor, Philadelphia.

Winthrop, Mass.—Sagamore Ave., 3 two-sty frame dwell., 22' x 31', pitch roof, steam; \$10,000; own., Joseph Gahm, Boston; bld., S. H. Griffin, Winthrop St.

Woods Holl, Mass.—Penzance, two-and-one-half-sty frame dwell., 18' 10' x 66' 6' with L 22' 4' x 22' 6', pitch roof, furnace; own., Horace S. Crowell; bld., Chas. H. Burdick; arch., H. M. Stephenson, Pemberton Sq., Boston.

Worcester, Mass.—Lincoln St., three-sty frame dwell.; own., D. Keefe; day-work.

Summerhill Ave., two-and-one-half-sty frame dwell.; own., W. H. Lord.

BUILDING INTELLIGENCE.

(Houses Continued.)

Merrifield St., three-sty frame dwell.; own., S. P. Smith; con., L. M. Peterson.

York, Pa.—Three-sty stone and brick dwell., 50' x 60', shingle roof; own., Howard Greely; \$10,000; arch., John Smith.

LIBRARIES.

Northfield, Mass.—Two-sty brick and stone library, 40' x 60', pitch roof, steam; \$15,000; own., Town of Northfield, donated by Mr. Dickinson; arch., H. M. Francis, Fitchburg; not let.

MERCANTILE BUILDINGS.

Los Angeles, Cal.—Broadway, bet. 3d and 4th Sts., three-sty brick block; \$10,000; own., S. K. Lindley; arch., Dennis & Farwell.

New Haven, Conn.—Meadow St., four-sty brick and stone block; \$30,000; own., John McPartland; arch., W. H. Allen, 70 Church St.

New York, N. Y.—Broadway, Nos. 594-596, twelve-sty brick and stone building, 32' x 200'; own., Jere. C. Lyon, 81 East 125th St.; arch., Buchman & Deisler, 11 East 59th St.

Sixth Ave., cor. 15th St., six-sty brick and stone building, 50' x 80'; own., Boehm & Coon, 45 Maiden Lane; arch., Ralph Townsend, 29 East 19th St.

Sixth Ave., cor. 58th St., eight-sty brick and stone building, 25' 5" x 95'; \$100,000; own. and bld., Patrick Norton, 1035 Third Ave.; arch., Buchman & Deisler, 11 East 59th St.

Westfield, Mass.—Elm St., five-sty brick, stone and iron business block, 35' x 100', flat roof; \$50,000; own., R. D. Gillett; arch., A. W. Holton.

OFFICE BUILDINGS.

Boston, Mass.—Charlestown and Beverly Sts., Ward 6, six-sty brick and iron office-building, 73' x 58' x 50', steam; \$35,000; own., Edward Doherty, 50 Charlestown St.; arch., C. J. Bateman, 19 Exchange Pl.

Covington, Ky.—Third and Greenup Sts., four-sty brick store and office-building; \$20,000; own., Dr. Chas. Kearns, Sr., et al.; arch., Boll & Taylor, Cincinnati.

Hartford, Conn.—Main and Asylum Sts., office-building; \$100,000; own., Cottin Estate; arch., W. C. Brocklesby.

New York, N. Y.—Fifth Ave., nr. 26th St., twenty-sty brick and stone office-building, 48' x 100'; own., Baroness de Selliere; arch., Geo. Edw. Harding & Gooch, 253 Broadway.

Liberty St., Nos. 117-121, sixteen-sty office-building; own., Roebeling Estate, 121 Liberty St.; arch., Harding & Gooch.

Eighty-second St. and the Boulevard, six-sty brick store and office-building; \$45,000; own., Chas. S. Barney; arch., Wm. Strong.

Broadway, cor. Liberty St., brick, stone and steel office-building; \$1,000,000; own., Washington Life Insurance Co., 15 Corlandt St.; con., Marc Edlitz & Son; arch., C. L. W. Edlitz, 160 Fifth Ave.

Sandusky, O.—Four-sty brick building for stores and offices; \$15,000; own., Rush B. Sloane; arch., Malcomson & Higginbotham, Detroit, Mich.

PUBLIC BUILDINGS.

Central City, Col.—Brick and stone court-house; \$50,000; own., Gilpin County; arch., H. W. Berrensens, Denver.

STABLES.

Boston, Mass.—Oakland St., nr. Favre St., Ward 24, frame stable, 33' x 25'; \$800; own., Catherine F. Sexton; bld., James H. Murphy, 52 Custer St., Jamaica Plain.

Brookline, Mass.—Brookline St., nr. High St., one-sty frame stable, 34' x 21', pitch roof; \$1,800; own., Elizabeth W. Shea, 198 High St.; bld., W. W. Salter.

Brooklyn, N. Y.—Douglass St., s. s. 112' 4' e. Bedford Ave., two-story brick stable and dwell., 20' x 80'; gravel roof; \$9,000; own., A. E. De Baun, 41 Liberty St., N. Y. City; arch., J. L. Young, 1221 Fulton St., Brooklyn.

Cambridge, Mass.—Winthrop St., two-sty frame stable, 46' x 46', pitch roof, stoves; \$2,000; own., Pierce Fuel Co.; bld., J. A. Rice.

Chelsea, Mass.—Chestnut St., rear No. 87, one-sty frame stable; \$500; own. and bld., L. Schults, Chestnut St.

Everett, Mass.—Spring and Chelsea Sts., one-and-one-half-sty frame stable, 28' x 30'; \$500; own., O. W. Lord, 11 Chestnut St.; arch., G. H. Wood, 380 Main St.; not let.

Malden, Mass.—Adams St., No. 191, one-and-one-half-sty frame stable, 18' x 18', pitch roof; \$400; own. and bld., James Doherty, 195 Adams St.

BUILDING INTELLIGENCE.

(Stables Continued.)

Manville, R. I.—One-and-one-half-sty frame stable, 28' x 40'; \$600; own., Elmer C. Vose; arch., P. D. West, Woonsocket.

Newton, Mass.—Parker St., two-sty frame stable, 45' x 48', pitch roof; \$3,000; own., C. H. Bacall; bld., Rich Bros.; arch., Cabot, Everett & Mend, Boston.

New York, N. Y.—West Tenth St., Nos. 260-262, five-sty brick stable, 42' x 74'; \$17,000; own., Chas. E. Fleming, 208 Lewis St.; bld., H. Spearing.

West Tenth St., No. 260, five-sty brick stable; \$17,000; own., C. E. Fleming, 19 East 67th St.; bld., H. Spearing.

Westchester Ave., nr. Bergen Ave., two-sty brick stable; \$15,000; own., John McGavock, 1168 East 168th St.; arch., Wm. C. Dickerson, 3d Ave. and 148th St.

Cherry St., nr. Pike St., five-sty brick and blue-stone stable, 40' x 120'; \$25,000; own., C. H. Meyer, 74 Pike St.; arch., Max Muller, 21 Centre St.

Somerville, Mass.—Moreland St., No. 93, one-sty frame stable, 28' x 17', pitch roof; \$300; own. and bld., Wm. J. Martin.

STORES.

Brooklyn, N. Y.—Knickerbocker Ave., w. s. 50' u. Stanhope St., 2 three-sty frame stores and dwells., 25' x 62', tin roofs; \$8,400; own., Wolbech & Ruibmann, 206 Knickerbocker Ave.; arch., W. B. Wille, 17 Troutman St.; bld., H. Wolbech, 206 Knickerbocker Ave.

New York, N. Y.—Broadway, cor. Spring St., eleven-sty brick and stone store and loft building, 25' x 100'; \$250,000; own., Joseph L. Bittenweiser, 27 Pine St.; arch., Brunner & Tryon.

TENEMENT-HOUSES.

Cambridge, Mass.—Lincoln St., No. 91, three-sty tenement, of 3 flats, 28' x 46' x 70', flat roof, stoves; \$8,000; own., Flanagan & Lynch; bld., Patterson & Fox, 10 Oak Circle.

Everett, Mass.—Ferry and Woodward Sts., three-sty frame building for 2 stores and 4 tenements, 50' x 48', flat roof, furnace; \$6,000; own. and bld., R. D. Sprague, Woodward St.

Lowell, Mass.—Liberty St., three-sty frame store and tenement, 40' x 62', flat roof, steam; \$7,000; own., John E. Foster; bld., Geo. W. Pearson; arch., Fred C. Miller.

New York, N. Y.—East Houston St., No. 312, six-sty brick store and tenement, 24' 9" x 32'; \$23,000; own., Wm. Frager and Pincus Lowenfeld, 145 Broadway; arch., G. Fred Pelham, 503 Fifth Ave.

One Hundred and Forty-ninth St., nr. Brook Ave., 7 four-sty and basement brick and stone tenements, 25' x 75'; \$105,000; own. and bld., James Barry; arch., Wm. C. Dickerson.

St. Ann's Ave., nr. 141st St., 6 four-sty brick tenements, 30' x 60'; \$84,000; own., Wm. C. Oosting; arch., Edward Wenz, 1441 Third Ave.

Mulberry St., cor. Park St., five-sty brick flat and store, 25' x 85'; \$26,000; own., George R. Schefflein, 11 Williams St.; arch., Franklin Baylies, Bible House.

East Third St., No. 101, six-sty brick and stone tenement, 25' x 88'; \$27,000; own., Jacob Klingenstein, 235 East 60th St.; arch., Geo. F. Pelham.

WAREHOUSES.

Milwaukee, Wis.—Second and Sycamore Sts., six-sty brick warehouse; \$35,000; own., G. A. & H. F. Seefeld; arch., H. C. Koch & Co.; general contract let.

New York, N. Y.—Fourteenth St., e. 10th Ave., six-sty brick, stone and terra-cotta warehouse; \$100,000; own., Henry Eggers, 666 Hudson St.; arch., Thos. R. Jackson, 61 Broadway.

Spring St., nr. Wooster, eight-sty fireproof, brick, iron and stone store and loft building, 25' x 100'; \$40,000; own., Geo. A. Seward, 150 Broadway; arch., Geo. F. Pelham, 503 Fifth Ave.

William and Frankfort Sts., twelve-sty brick store and loft; 53' x 117'; \$330,000; own., John Pettit, 93 Nassau St.; arch., J. M. Farnsworth.

Broadway, No. 330, eleven-sty brick store and loft, 27' x 120'; own., F. H. Mela, 13 Astor Pl.; arch., Cleverdon & Putzel, 13 Astor Pl.

Thirty-second St., e. 1st Ave., 3 six-sty warehouses, 94' x 150'; \$45,000; own., Clark & Allen, ft. of 23d St.

Hudson St., cor. North Moore St., six-sty brick warehouse, 30' x 88'; \$40,000; own., Jos. H. Beams, 10 Hubert St.; arch., Julius Kastner, 744 Broadway.

Wooster St., eight-sty brick and stone store and loft building, 50' x 100'; \$100,000; own. and bld., M. J. Barrow, 571 Eighth Ave.

(Continued on page vi.)

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 177.

SATURDAY, MARCH 6, 1897.

VOLUME LV.
No. 1106.

IT BURNS THE SMOKE.

THE Gorton Soft-Coal Boiler, which we illustrate herewith, is manufactured by the Gorton & Lidgerwood Co., New York, and is especially constructed to burn the soft coal which is so abundant in the southern and western States. The tendency of soft coal to deposit soot and unconsumed carbon on the heating-surface of the boiler in which it is used has given so much trouble that its use in house-heating boilers has been rendered far from being economical in spite of its cheapness.

The thick black smoke which deposits its soot and unconsumed carbon on the heating surface of the boiler, is caused by imperfect combustion and ceases when perfect combustion is attained.

Take, for an example, the mechanical stoker now being used to a large extent for supplying coal to power boilers. By its use even the finest soft coal can be continuously fed into the fire-box without visible smoke from the chimney-top, which shows that complete combustion is obtained by the more uniform feeding of the coal to the furnace, than when the fire is fed by an engineer.

Instead of using a mechanical device for supplying coal to the fire-pot of the Gorton Soft-Coal Boiler, it is accomplished by gravity.

The coking chambers and coal reservoirs are located between the lower outer surfaces of the boiler and the upper part of the water-leg, so that the coal feeds down into the fire just as it is required. The fire-pot of this boiler is so constructed that sufficient additional air is drawn through the fingered ring at the lower edge of the coking chambers to ignite the gases arising from the coking process. This gives perfect combustion, which means economy in fuel, and prevents the deposit of soot and unconsumed carbon on the heating surface of the boiler, and makes use of that part of the fuel which is wasted when soft coal is used in ordinary fire-pots.

The Gorton Soft-Coal Boiler, therefore, is the only boiler that will burn soft coal, by coking it before it feeds down on the fire, which gives the greatest economy and reduces the cost of running this boiler below that of any other heating boiler on the market.

GORTON & LIDGERWOOD,

NEW YORK.

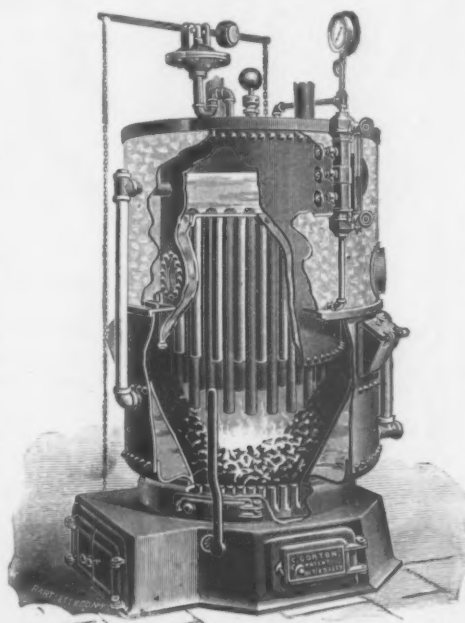
THE Westinghouse Machine Company reports the sale of three Westinghouse compound engines, 300 horse-power each, and

one 100 horse-power, to the International Electric Company, Liège, Belgium.

This is a repeated order.

THE GREAT DURABILITY OF NATURAL ASPHALT.

ONE of the reasons for the remarkable durability of Natural Asphalt—so well authenticated by historic evidence—and for the comparatively perishable nature of pitch and other coal-tar materials, lies in the fact that the oils of the Asphalt are not volatile at any natural temperature, and are therefore permanent, while in all materials manufactured from coal-tar there are volatile oils which evaporate on exposure to the sun and air,



The Gorton Soft-Coal Boiler.

destroying the flexibility and life of the materials. The fact is now well known that any pitch or cement manufactured from coal-tar thus gradually deteriorates until, in the course of a few years, it becomes brittle and crumbles away. Felt, saturated with coal-tar in like manner, hardens until it becomes brittle and, finally, worthless.

These facts are confirmed and illustrated in a very striking manner by subjecting the two materials to a temperature not exceeding 200° Fahr. At this temperature, the coal-tar pitch and felt become brittle and worthless within forty-eight hours, while the Asphalt cement and felt, after three weeks' exposure to the same heat, retain their toughness and flexibility.

Coal-tar materials undergo the same deterioration under the heat of the sun as in the above test. Asphalt materials, properly prepared, remain absolutely unchanged during years of exposure to sun and air. Hence their permanent adhesiveness, strength and durability.

The test referred to above was made by the Washburn & Moen Mfg. Co., of Worcester, Mass., in order to satisfy themselves that the claims made by us were correct. The result is given in the following letter from them:

WORCESTER, MASS., November 21, 1877.

MESSRS. THE WARREN CHEMICAL AND MFG. CO., NEW YORK:—

Gentlemen.—We have submitted the samples of asphaltic felt and cement, furnished by you, to a comparative test with paper prepared by the best manufacturers of coal-tar materials.

Both kinds were kept for about three weeks in a room heated to a temperature of about 200° Fahr., whereafter no perceptible loss of weight could be marked in either kind, but while the felt or paper prepared with coal-tar material had become very brittle, so it could not be bent without breaking, the Asphaltic felt retained completely its toughness and softness.

The Asphaltic cement and coal-tar composition were also subjected to the same heat. The former softened some while hot and the latter became quite fluid. When cooled off, the Asphaltic cement was tough, while the coal-tar composition was brittle.

Respectfully yours,

F. BERGENDAL,
Chemist of W. & M. Mfg. Co.

The chief advantage of the Warren's Natural Asphalt Roofing, "Anchor Brand," consists in its great durability. This is due to the remarkable fact that the Natural Asphalt materials are not injuriously affected by atmospheric agencies; especially that they will not waste and become brittle, like coal-tar materials, by evaporation.

Architects and others interested in permanent construction should acquaint themselves with the merits of this roofing.

Thousands of the largest factories, warehouses, offices and public buildings in this country and Canada, are covered with Warren's "Anchor Brand" Natural Asphalt Roofing, and it has the indorsement of leading architects everywhere.

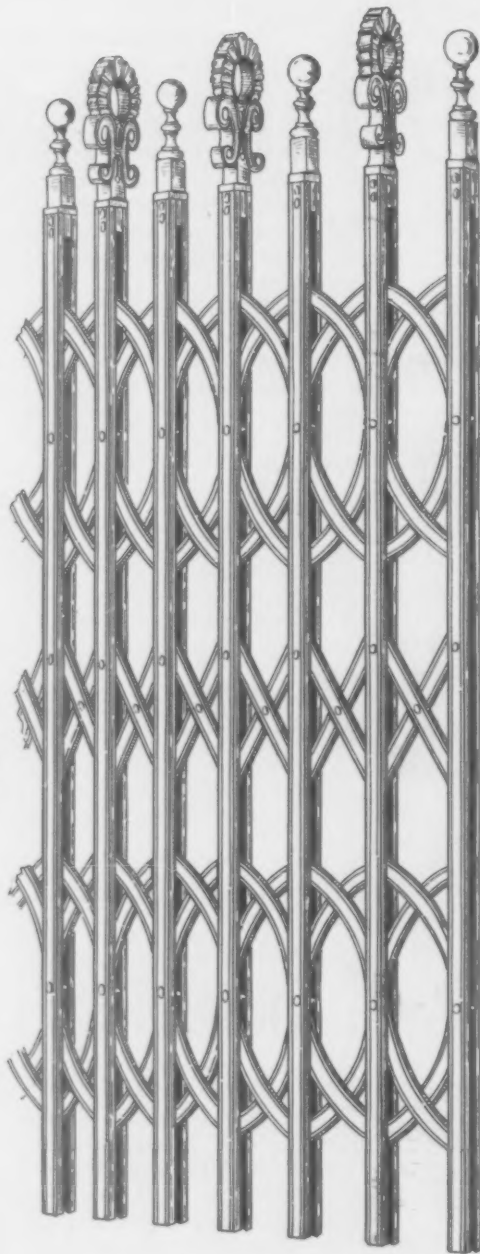
WARREN CHEMICAL & MFG. CO.,
81-3 FULTON ST., NEW YORK.

HENRY R. WORTHINGTON has just been awarded a contract by the City of Chicago, covering six Vertical Triple-Expansion Direct-Acting High-Duty Pumping-Engines, each

(Continued on page 8.)

WILLIAM R. PITT

COMPOSITE IRON WORKS



THIS SECTION OF BOSTWICK PATENT FOLDING GATE IS NOW ON EXHIBITION AT THE ARCHITECTURAL LEAGUE AT NEW YORK.

THE GATE IS MADE OF FINE BRONZE METAL THROUGHOUT, IS NINE FEET HIGH AND FIFTY FEET IN WIDTH; WHEN COMPLETE, IT WILL BE USED TO PROTECT THE ENTIRE BROADWAY FRONT OF THE NEW BUILDING. THE CURVED TRUSSES ARE NEW IN FOLDING-GATE CONSTRUCTION AND ARE PATENTED, AND THE ARCHITECTS' DESIGN IS CARRIED OUT IN THE MANUFACTURE.

BRONZE METAL FOLDING GATE.
ENTRANCE TO NEW YORK LIFE INSURANCE
BUILDING.

McKIM, MEAD & WHITE, ARCHITECTS.

CONSTABLE BUILDING 111 FIFTH AVE, N.Y.

The Yale Locks, Builders' Hardware, Art Metal Work.

All Genuine Yale
Trefoil



Hardware bears this
Trademark.

The Yale & Towne Manufacturing Co.

General Offices:

84-86 Chambers St., New York.

Western Office:

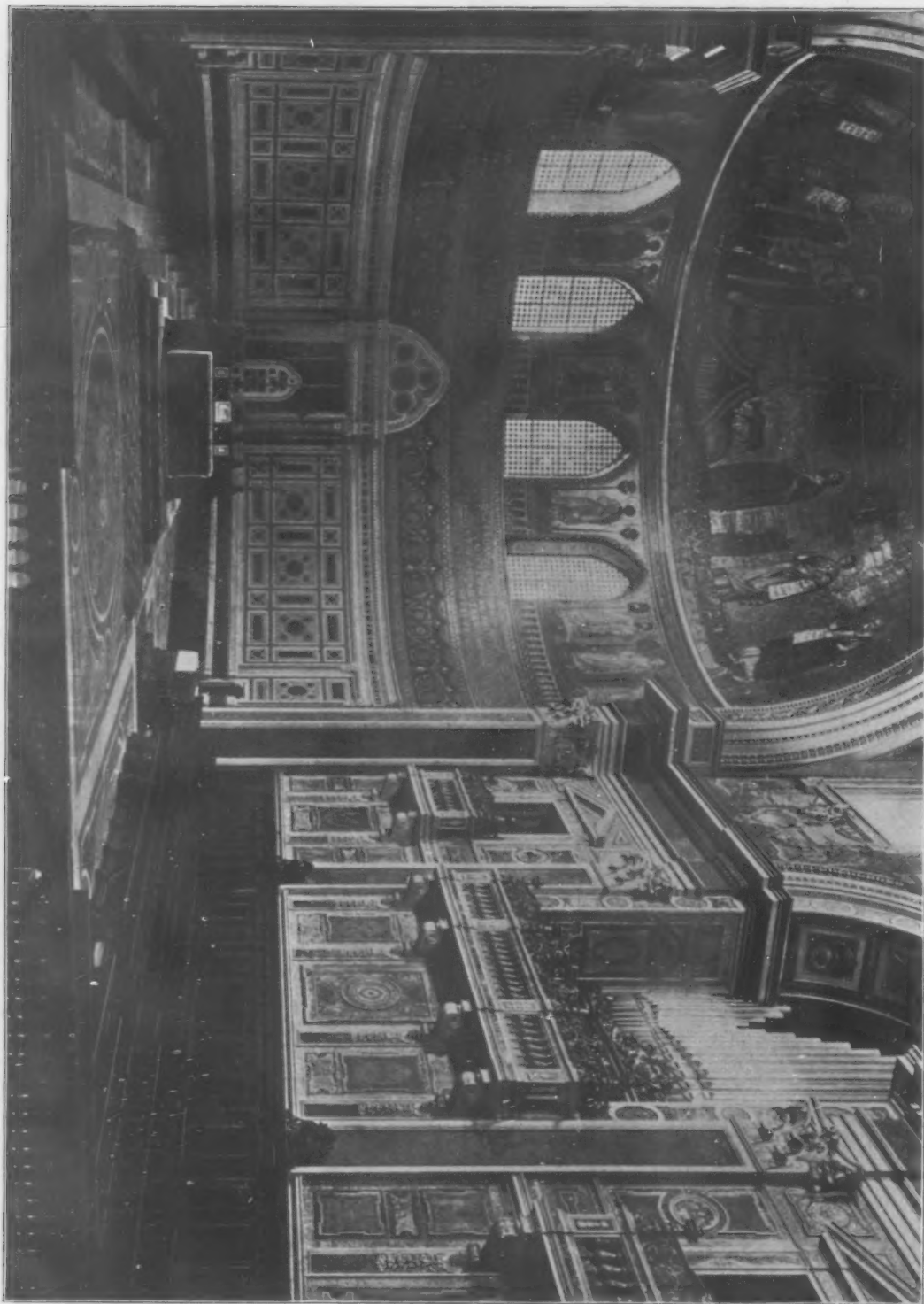
152-154 Wabash Ave., Chicago.

Local Offices:

Philadelphia, Boston, Buffalo and San Francisco.

Works: Stamford, Conn., Branford, Conn.

APSIDAL TREATMENT, NO. 15.—NEW CHOIR AND APSE OF ST. JOHN LATERAN, ROME, ITALY.





GRILLE AND FRAME, 5 FT. 9 IN. WIDE BY 6 FT. 1 IN. HIGH

FOR

**COLORADO STATE CAPITOL,
DENVER, COLO.**

JAMES MURDOCH, Architect.

EXECUTED IN ALUMINUM BRASS

The metal of which the above is made is a mixture of pure ingot copper and pure aluminum. It is gold color and retains its color well; its fluidity when molten enables it to receive and convey the finest lines of the modeller; it is tough and strong and is in every way beautiful and well suited for architectural uses.

MADE BY

**THE SNEAD & CO. IRON WORKS,
LOUISVILLE, KY.**

Structural and Ornamental Metalwork for Architectural Purposes.



APSIDAL TREATMENT, No. 16:—AVIGNON CATHEDRAL.

The Heliotype Printing Co.

LITHOGRAPHERS, ETC.

211 Tremont Street
Boston

FAC-SIMILE REPRODUCTIONS IN COLOR
OR MONOCHROME A SPECIALTY



Lithography
Heliotype
Color Printing
Photogravure
Maps, Plans, etc.

BEST WORK ONLY
PROMPT DELIVERY
REASONABLE PRICES

WRITE FOR ESTIMATES

ALSEN'S PORTLAND CEMENT

is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. HOUSTON, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most durable wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

Alsen's Portland Cement Works, New York Office, 143 Liberty Street.

Masonry in Modern Work.

A "PROLEGOMENOS" ON THE FUNCTION OF MASONRY
IN MODERN ARCHITECTURAL STRUCTURES.

By R. GUASTAVINO, Architect.

Price, paper cover - - - - - 30 Cents.

For Sale by the AMERICAN ARCHITECT.

of twenty million gallons daily capacity. This contract amounts to \$437,600.00, and is the largest contract for water-works pumping machinery ever placed in this country. The above six engines each have a daily pumping capacity of twenty million gallons against a head of 150 feet, and will be supplied with steam at a pressure of 140 lbs. to the square inch. The engines will be each of 530 horse-power. This company is also building three Vertical Triple-Expansion Direct-Acting High-Duty Pumping-Engines for the City of Brooklyn, N. Y., under a contract amounting to \$385,000.00. These engines each have a daily capacity of twenty million gallons to be delivered against a head of 168 feet, and the steam will be supplied at a pressure of 135 lbs. to the square inch, each engine being of 600 horse-power.

"CENTAUR" POROUS TERRA-COTTA BRICK.

(Patented in United States, Great Britain and France.)

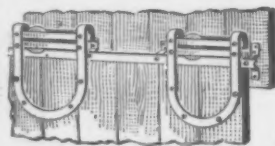
TRUE to our motto, "Excelsior," we have again the pleasure of bringing to the notice of the building trades something entirely new, and an article which cannot fail to be of interest to every one connected with that branch of industry, be he architect, builder, mason or carpenter.

We dub our new brick "The Centaur," and claim for this production, and assert for it only after repeated trials have proven its justice, the following qualities:

It is absolutely fireproof. Though seemingly as hard burned as a front building-brick and as dense, it yet possesses a quality never deemed practicable in a brick. Its porosity is equal to, if not exceeding, that of hard woods, for while such wood may split or chip, nails have been driven into this brick their entire length as closely as they could be without causing either.

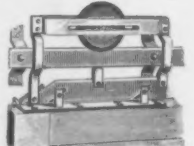
Where nails are sent "home," the tenacity inherent in this material is such that it becomes as difficult to draw them as when driven

LANE'S PATENT STEEL BARN DOOR HANGER!



Anti-friction. Most complete in construction. Material the best. No breakage. Ease of movement. Always in order.

LANE'S Patent Noiseless Steel Parlor Door Hanger.



Hanger is made of steel throughout, including wheel, except the filling which deadens the sound. Single steel track instead of double wood rail. Ask your Hardware Dealer and send for Circular.

Manufactured by **LANE BROS., Poughkeepsie, N. Y.**

LUDLOW SAYLOR WIRE CO. N. E. Cor. Fourth & Elm Sts. ST. LOUIS, MO.



Elevator Enclosures and Cabs,
Metal Work in Brass,
Wire and Wrought-Iron,
Office and Bank Railings,
Wire and Iron Fences, etc. :

DIXON'S GRAPHITE PAINT

FOR TIN OR SHINGLE ROOFS AND IRON WORK. Tin roofs well painted have not required repainting for 10 to 15 years.
IT IS ABSOLUTELY WITHOUT AN EQUAL.

If you need any paint it will pay you to send for circular.

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It is nearly impervious to the weather (frosts, etc.), being sufficiently hard burned to withstand all changes, while the porous terra-cotta heretofore used disintegrates after only a short exposure, when used as roofing; while awaiting finished covering, such as slate or tin, it requires the additional labor and expense of painting to prevent deterioration.

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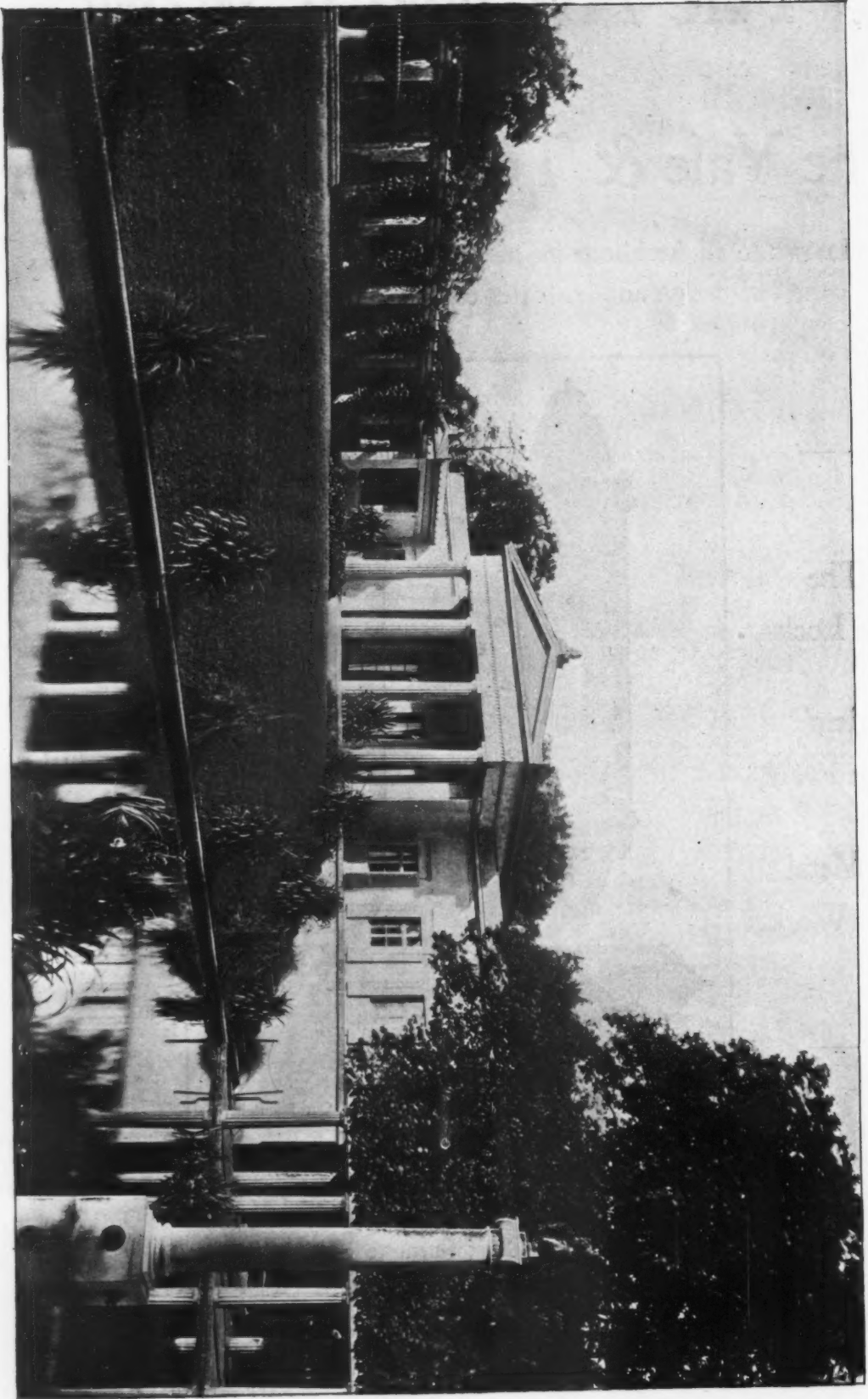
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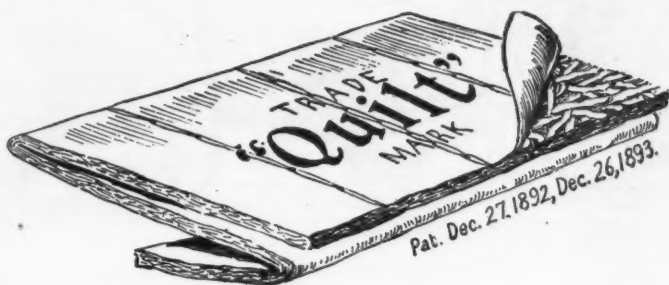
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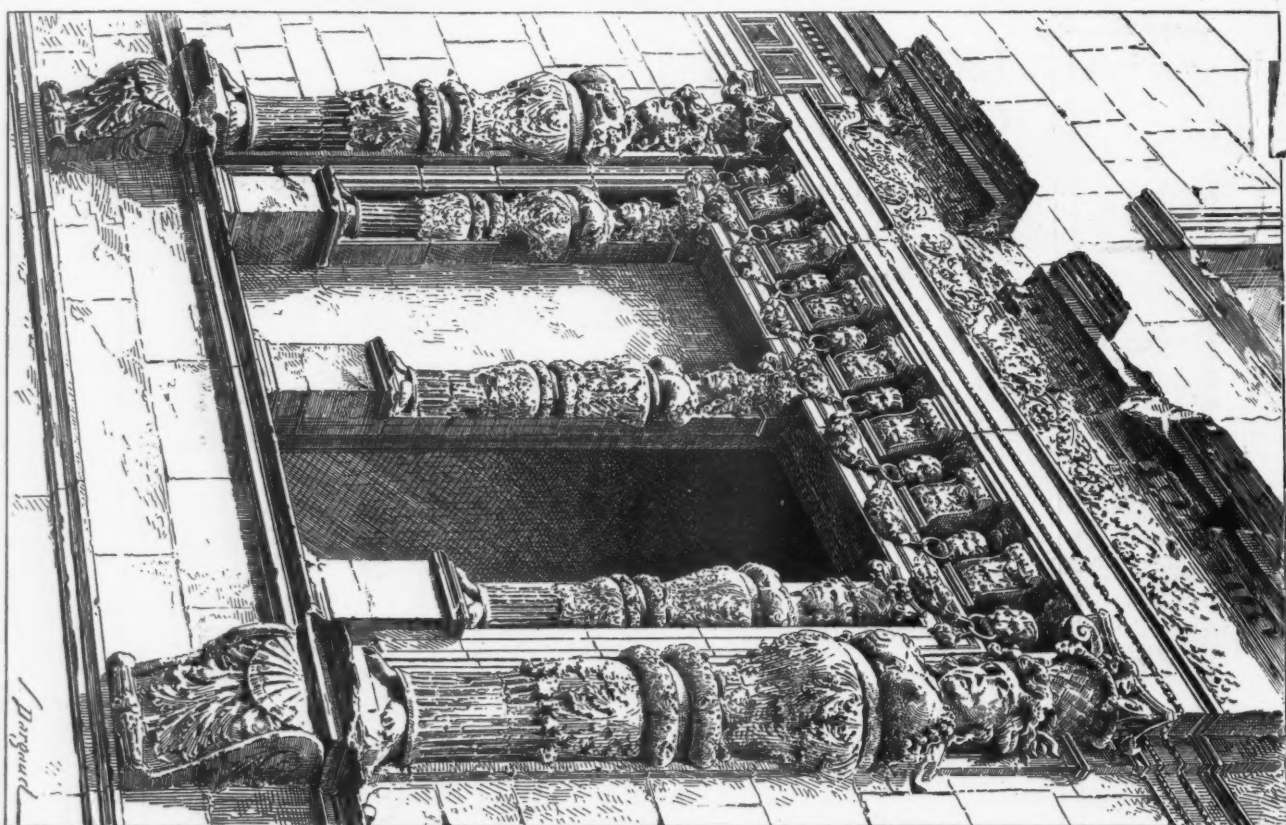
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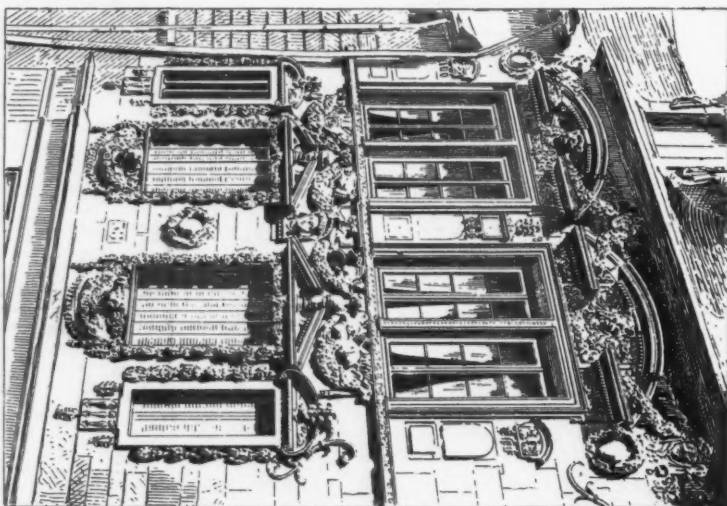


Court of the Hotel Sully, Dijon, France.

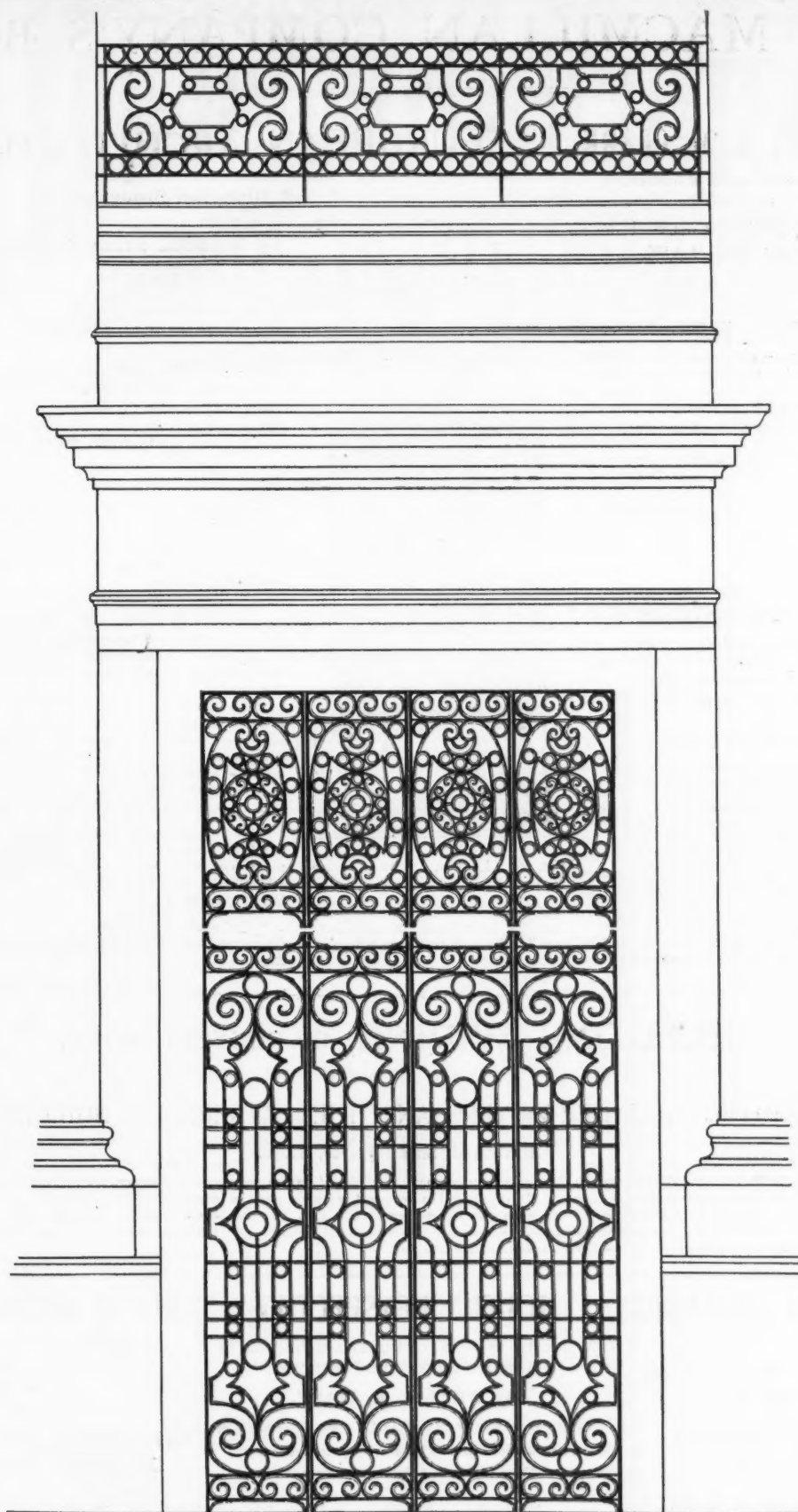


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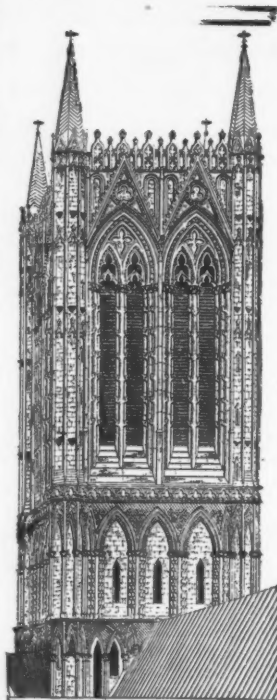


FIG. 163. Lincoln, England: Cathedral. Central tower. 1310 A.D.

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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 175.

SATURDAY, JANUARY 2, 1897.

VOLUME LV.
No. 1097.

REVIEW OF THE PAST YEAR.

In looking back over the year 1896, there is no denying some of the facts which show out very clearly. The volume of our business has been less than in 1895, though not so very much less. We were hopeful of better business, up to the time when the money question entered politics and was followed by its train of uncertainties and want of confidence.

Accounts have been hard to collect, although we believe our customers have been anxious to pay promptly. We know they have written us many and business-like letters which made us confident of their honesty, and showed us how exceedingly hard it was to get hold of ready cash. Notes were of course often sent us, but, as renewals rather than payments were almost certain to be expected, the notes could not safely be negotiated.

Altogether our experience is that 1896 has been a season of hard times and many moments of uncertainty, but nevertheless the spirit of self-help and mutual help has been alive all the time and is now making itself felt in the way of better business, which will be still better later on.

The outcome of the election made some difference in our shipping department, for we held a number of orders dependent on the election of McKinley, and as we have known of similar instances, we can have no doubt as to McKinley's election being a benefit to the country aside from any political question.

As for 1897, business prospects are good — at least, good to all who are in any way hopeful or energetic. Even in 1896 we quite largely increased our business in those lines where we put in some extra hard and intelligent work.

Probably business men are not exceptions to Mr. Atkinson's favorite quotation from Emerson: "Man is as lazy as he dares to be," and we shall therefore shake off any lethargy that may have settled on us, and start in on 1897 at a record pace, for collections are now very good, and everything so far as we can see is encouraging to all manufacturers for both home and export trade.

JOSEPH DIXON CRUCIBLE COMPANY,
JERSEY CITY, N. J.

THE PREVENTION OF DAMPNESS IN WALLS.

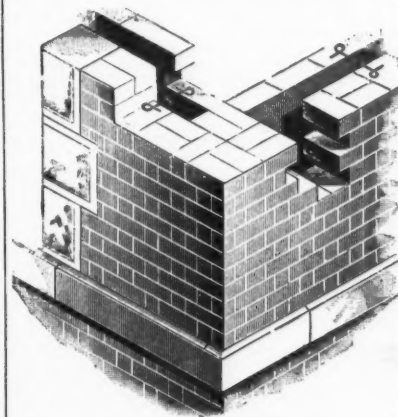
THE importance of keeping moisture out of walls need hardly be dilated upon. In addition to the great importance of a dry building for sanitary reasons, it is also most necessary for good construction. Dampness in the

masonry soon communicates itself to the wood-work and causes rot throughout the building, besides which, the masonry itself is not sound: the mortar, unless of good hydraulic lime or cement, does not set and is always liable to the attacks of frost.

Damp walls or houses cause rheumatism, lower strength, and expose the system to other passing causes of diseases.

In an exposed position, rain will drive through a tolerably stout, solid brick wall, and if water be allowed to drop or fall against it, the wall will become saturated like a sponge, to the great damage of interior finish and plaster, and to the discomfort and annoyance of the occupants.

Within the last few years various expedients have been suggested and tried to obviate the above evil, and now it is generally conceded



that the most successful plan for the absolute exclusion of moisture and dampness, is to build the wall hollow, that is, making the external wall of the building of practically two distinct walls, side by side, and at a distance apart of from one to four inches, the two sections being securely held together by the Morse Patent Wall-ties, in every fourth course and about 2 feet apart, the air-space extending continuously from the bottom to the top of the wall.

Sometimes hollow walls are bonded by means of common bricks, extending across the air-space, and built into each wall. This method of bonding should be absolutely condemned by the architect, and bonding by Morse Wall-ties insisted upon.

Brick bonding permits of the passage of moisture through the wall wherever it is bonded, not only by the moisture passing through the bond brick but also through the mortar droppings which always collect on top of the brick, thus entirely defeating the

object for which the hollow wall was designed. A new catalogue fully explaining the Morse System of Bonding will be sent free to any architect's address by the manufacturers.

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PROBABLY in no line of building material are architects more actively solicited than for roofing tin-plates. For many years this line of material has been extensively advertised, and the travelling representatives of firms in this line have personally and actively interviewed the members of the architectural profession. This has been the case in years past, when all roofing tin-plate was manufactured in Wales, the selling in this country being done by importing houses, who controlled the output of certain foreign manufacturers.

Revolution in the tin-plate business following its active manufacture in the United States, and consequent transfer of the industry from Wales to this country, has made the presentation of roofing tin to the attention of architects only the more active. With a very keen competition the result has been a natural confusion in the mind of many architects. All manufacturers of roofing tin-plates have naturally claimed their individual output to surpass all others, and as regards verbal claims, samples exhibited, etc., it is naturally very difficult, if not impossible, for the architect to judge which specific brand of roofing tin is actually the best and merits his attention and a place in his specifications accordingly.

Many of those who have recently commenced the manufacture of roofing tin in this country have naturally had little or no experience in this line prior to their recent efforts, and it is a well-known fact that unfortunately many brands now upon the market and heretofore enjoying a high reputation for quality are by no means maintained in their former standard. There is no doubt, accordingly, that for the protection of architects, who, in their specifications, require certain specific brands, and likewise for the protection of the house owner, who is naturally depending upon the architect to secure the best material, as far as roofing tin-plate is concerned, something more is needed than the exhibit of small samples and the representation of quality as may be given by different manufacturers. Samples are all right. Statements as to quantity and quality of materials and the method of manufacture are also proper, but in the present condition of the tin-roofing business the architect should be protected and backed up

in his use of any particular brand by a definite guaranty of wearing quality received from the manufacturer of said brand.

We furnish a printed guaranty or warranty of the lasting qualities of the "Scott's Extra Coated" brand, which gives the architect and house-owner using this brand definite protection for a period of ten years. There is no reason why a "Scott's Extra Coated" Tin Roof, given proper treatment, should not last a lifetime, or as long as the building itself. A specific period of ten years is mentioned and same will doubtless be recognized as a definite business proposition.

This Company has had many years' experience, first in importing supplies of highest quality roofing plates from abroad, and likewise the manufacture of the "Scott's Extra Coated" in this country.

We are confident our methods are the very best. We show our confidence in giving a definite guaranty. We believe in the use of strictly best goods which are warranted. We would be only too pleased to have other manufacturers take the same position as assumed by this Company; tin-plate would then be placed on the high plane we consider it deserving as a roofing material.

The policy we pursue in our warranty is unique as applicable to the sale of roofing tin-plate. It is a long step in advance of all other manufacturers. The peculiarities of the roofing tin-plate business are such, and the possibility of misunderstandings so frequent, that we believe our policy as above outlined should be very interesting indeed to all architects, and worthy accordingly of extended mention in your reading columns.

Very truly,

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BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ADVANCE RUMORS.

Cincinnati, O.—It is proposed to build a theatre to cost \$125,000, in Patterson Alley. James Marsh, proprietor of the new Galt House, is said to be interested.

(Advance Rumors Continued.)

Buffalo, N. Y.—The Metropolitan Theatre will be built at the corner of Washington and Mohawk Sts., instead of on Main St., and the plans will be modified.

Bethune, Bethune & Fuchs have made plans for a four-sty, 60' x 120', brick business-block to be built for the Sarah Howard Estate, at 208-12 Terrace St., at a cost of \$18,000.

George J. Metzger has made plans for a two-sty, 125' x 300' rink for the Caledonia Curling Club, to cost \$100,000. The structure will be arranged so that it may be used also for conventions. **George Bleistein** of the Courier, is President of the Club. It is said that **J. B. McElfatrik & Son** of New York City will be the architects for remodeling the Music Hall into a theatre.

Burlington, Vt.—The foundations are in for a five-sty, 20' x 100', brick Masonic lodge, to cost about \$75,000, for the Grand Lodge of Vermont.

Cambridge, Mass.—**E. A. Boyden**, of Boston, is the architect of the new building to be put up on Concord Ave. for **Arthur Gilman's** school for girls.

HOUSES.

Cincinnati, O.—**Booley St.**, 4 two-and-one-half-sty brick dwells., 19' x 55'; \$12,000; own, **Christian Moerlein**; con., **Wm. Miller**; arch., **Wm. Miller, Jr.** **Windham Ave.**, two-and-one-half-sty frame dwell., 30' x 30'; \$5,000; own, **George W. Coleman**; con., **Wm. McLennan Sons**; arch., **B. C. De Camp**.

Cynwyd Station, Pa.—Two-and-one-half-sty stone and frame dwell., 30' x 40'; \$5,000; arch., **Boyden & Taylor**, 413 Walnut St., Philadelphia.

Lexington, Mass.—**Mt. Vernon St.**, two-and-one-half-sty frame dwell., 33' x 50', hip roof, furnace; \$5,000; own and bid., **Cyrus Washburne** and **Hiram G. Jandrin**; arch., **Arthur F. Gray**, Boston.

Mt. Vernon St. and Highland Ave., two-and-one-half-sty frame dwell., 36' x 52', gable roof; \$7,000; own and bid., **Cyrus Washburne** and **Hiram G. Jandrin**; arch., **Arthur F. Gray**, Boston.

Marion, Mass.—Two-sty frame dwell., 30' x 50'; own, **George U. Crocker**, Boston; bid., **F. L. Faine**; arch., **E. A. P. Newcomb**, Boston.

Mamaroneck, N. Y.—**Orienta Point**, two-and-one-half-sty frame dwell., \$15,000; own, **F. J. Dupigne**, 120 Broadway, New York City; arch., **Hopkin & Koen**, 160 Fifth Ave., New York City.

Montclair, N. J.—Dwell., \$7,000; own, **P. Roberts**, 276 West Broadway, New York City; arch., **McIlvaine & Tucker**, 48 Exchange Pl., New York City.

Newton, Mass.—**Chase St.**, two-sty frame dwell., 28' x 48', pitch roof, furnace; \$5,000; own, **M. Bray**, Institution Ave.; bid., **W. S. Griffiths**.

Berkley St., two-sty frame dwell., 29' x 51', pitch roof, furnace; \$6,000; own, **F. B. Withersbee**, Elliott Ave.; bid., **J. F. Jones**; arch., **R. M. Bailey**, Boston. **Claremont St.**, two-sty frame dwell., 37' x 38', pitch roof, furnace; \$5,500; own, **Alice Kenway**, 83 Fairmount Ave.; bid., **K. J. Fiewelly**; arch., **Wilson & Webber**, Boston.

Rice St., two-sty frame dwell., 36' x 40', pitch roof, furnace; \$6,000; own, **Mrs. H. M. Rugg**; bid., **W. Pettigrew**; arch., **Eugene L. Clark**, Boston.

New York, N. Y.—**One Hundred and Forty-first St.**, 4 three-sty brick dwells., 18' x 44'; \$36,000; own, **Isabelle N. Leo**, 884 West 146th St.; arch., **John P. Leo**.

Seventieth St., nr. West End Ave., 6 four-sty brick dwells., terra-cotta trimmings, 17' x 56', furnaces; \$108,000; own, **William and James Bradley**, 101st St. and West End Ave.; arch., **Ferdon & Elliott**.

Riverside Terrace, n Sedgwick Ave., two-sty brick dwell., and store, 25' x 60'; \$6,000; own, **Mrs. Ida Bannan**, 1761 Sedgwick Ave.; arch., **Albert E. Davis**.

(Houses Continued.)

Poplar Ave., n 176th St., three-sty frame dwell., 30' x 60'; \$12,000; own, **Anton Utard**, 127 West 176th St.; arch., **E. A. Sargent**, 18 Broadway.

Philadelphia, Pa.—**Nice Ave.**, No. 433, three-sty brick dwell., 15' x 32', con., **Thos. Watts**, Nice Ave. **Argyle Ave.**, ab. Levick St., three-sty brick dwell., 18' x 44'; own., **Joseph F. Roberts**, 2135 Daries St.

Providence, R. I.—**Power St.**, two-and-one-half-sty frame dwell., 32' x 45', pitch roof, furnace; \$6,000; own, **Sarah W. Peckham**, 171 Powers St.; bid., **James P. Millard**; arch., **James Shaw, Jr.**

Bellevue Ave., two-and-one-half-sty frame dwell., 28' x 50', pitch roof, furnace; \$6,500; own, **Claus W. Persson**, 56 Bellevue Ave.; bid., **Persson Bros.**

Stanford Ave., two-and-one-half-sty frame dwell., 30' x 38', pitch roof, furnace; \$5,000; own and bid., **Joseph J. Devere**, Auburn, R. I.

Gordon Ave., two-and-one-half-sty frame dwell., 28' x 40', pitch roof, stoves; \$5,000; own and bid., **Peter F. Charles**, 196 Gordon Ave.

West Cliff St., two-and-one-half-sty frame dwell.; \$5,000; own, **John Hogan**, 255 Lockwood St.; bid., **J. H. Canning**.

Larch St., two-and-one-half-sty frame dwell., 20' x 40', pitch roof, furnace; \$6,500; own, **Elwood F. Ames**, 132 Jenkins St.; bid., **McLeod Bros.**

Seltnate, Mass.—Two-sty frame dwell., 28' x 36', pitch roof, \$4,000; own, **G. B. Emmons**, Brookline; bid., **F. F. Bailey**; arch., **J. F. and G. H. Smith**, Boston.

Somerville, Mass.—**Waterman St.**, three-sty frame dwell., 20' x 28', flat roof, stoves; \$6,500; own and bid., **W. F. Caldwell**, on premises.

Westminster St., two-sty frame dwell., 26' x 47', pitch roof, furnace; \$5,500; own and bid., **I. N. Randlett**, 11 Jay St.

Highland Ave., two-sty frame dwell., 25' x 44', pitch roof, furnace; \$5,000; own, **J. J. Knox**; bid., **Martin Roach**.

Summer St., two-sty frame dwell., 25' x 25', pitch roof, furnace; \$6,000; own, **B. A. Rice**, 56 Willow Ave.

Broadway, two-sty frame dwell., 25' x 38', pitch roof, furnace; \$5,000; own, **Alexander Sprout**, 448 Medford St.; bid., **W. H. McCauley**.

Willow Ave., two-and-one-half-sty frame dwell., 40' x 40', gambrel roof; \$5,000; own and bid., **Wilbur P. Rice**, 371 Highland Ave.

Benton Road, two-sty frame dwell., 30' x 30', hip roof, furnace; \$7,500; own, **Fannie K. Bradshaw**; bid., **G. W. Semple**; arch., **J. St. Claire Harold**, 4 Jenny Lind Ave.

Browning Road, two-sty frame dwell., 30' x 30', hip roof, furnace; \$6,000; own, **W. S. Sawyer**, 16 Browning Road; bid., **L. E. Hutchinson**.

Stone Ave., two-sty frame dwell., 36' x 51', pitch roof, hot water; \$5,000; own and bid., **A. H. Gould**, 42 Court St., Boston.

Henry Ave., two-sty frame dwell., 26' x 42', pitch roof, furnace; \$5,000; own and bid., **S. H. Lewis**, 183 Pearl St.

Cameron Ave., three-sty frame dwell., 24' x 45', flat roof, stoves; \$5,500; own and bid., **J. A. Burns**, premises.

Foskett St., two-sty frame dwell., 25' x 46', pitch roof, furnace; \$6,000; own and bid., **O. H. Perry**, 31 Milk St., Boston.

Alpine St., two-sty frame dwell., 24' x 32', pitch roof, stoves; \$5,000; own and bid., **G. H. Redman** and **George H. Morse**.

St. Louis, Mo.—Two-and-one-half-sty dwell., n s Westminster Pl., bet. Kingshighway and Lake St.; \$5,000; own, **State Savings Fund and Building Co.**

Two-sty dwell., n s McPherson St., bet. Whittier and Boyle Sts.; \$5,000; own, **A. K. Humphrey**.

(Continued on page 4.)

Cathedral of St. John the Divine. New York, N. Y.

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211 TREMONT STREET,
BOSTON, MASS., U.S.A.

✻ 1897 ✻

THE "AMERICAN ARCHITECT" will signalize the attainment of its majority and the entrance upon its twenty-second year of publication by announcing that an

INCREASE OF ILLUSTRATIONS

will be that portion of the year's programme which its subscribers will most welcome. These additional illustrations will be devoted largely to the topical exhibition of certain architectural motives.

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THE demands made upon our space by matters of current interest, of which the precise character cannot be predetermined, make it both undesirable and dangerous to announce a programme for the text-matter which can have any of the "drawing" qualities of the prospectus of a popular magazine.

There must be finished, of course, the serial papers on "The United States Capitol," by Mr. Glenn Brown; on "Architectural Statics," by Mr. O. F. Semsch, and further portions of the papers on "Protestant Churches."

In the way of new matter our subscribers may expect the following, amongst other papers:—

"A Summer School Abroad." By PROF. E. B. HOMER, of the Massachusetts Institute of Technology: being an account of the trip made under his auspices by a score of students through the southern counties of England and the Valley of the Loire. Illustrated by numerous sketches and photographic reproductions.

"Quantities." MR. GEORGE ALEXANDER WRIGHT, a trained quantity-surveyor, has further information to give concerning the aid the quantity-surveyor can afford to architects in this country.

"The Work of Senor Tres-Guerras," a noted Spanish-American Architect, in Mexico. By MR. SYLVESTER BAXTER, with illustrations.

"The Garden of the Villa Lante," and other Italian gardens will be treated, with illustrations, by different writers.

"Pueblo Architecture," a series of illustrated papers by MR. COSMOS MINDELEFF, late of the Smithsonian Institution.

"Sculptured Memorials of Dead Architects" will consist mainly of illustrations of these memorials, with short biographical notes.

We question whether the necessity of recording matters of current interest will allow us to make use of even all of these few papers, or of others which are in preparation and might be mentioned.

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Two two-and-one-half-st'y dwells., s s Cote Brilliant St., bet. Marcus and Euclid Sts.; \$5,500; own., C. G. Newberry.
Two-and-one-half-st'y dwell., s s Page St., bet. Union and Belt Sts.; \$5,000; own., Isaac Johnson.
Two-st'y dwell., n w cor. Cleveland and Vandeventer Sts.; \$5,000; own., Wm. Kennedy.
Two-st'y dwell., n s Bell St., bet. Sarah and Whittier Sts.; \$8,500; own., F. A. Banister.
Two two-st'y dwells., n s Sidney St., bet. Grand and Arkansas Sts.; \$7,600; own., H. Mephram.
Two-and-one-half-st'y dwell., s s McPherson St., bet. Lake St. and Kingshighway; \$9,000; own., C. R. H. Davis & Co.
Four two-and-one-half-st'y dwell., n s Cleveland St., bet. Grand and Spring Sts.; \$18,000; own., H. Stephen.
St. Paul, Minn.—Iglehart St., nr. Fairview Ave., frame dwell., 27' x 48'; \$4,500; own., W. J. Reed; arch., Louis Lockwood; con., Fransen & Peterson, 156 East 3d St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Dwell.; \$6,000; own., A. L. Alness; arch., A. F. Gauger; con., Olof Sundgaard, 511 Broadway.
Washington, D. C.—First St., bet. C and D Sts., S. E., 3 three-st'y brick and stone dwells., mansard roofs, furnaces; \$9,000; own. and bld., Richard V. Wilkinson; arch., C. H. Gladden.
Harvard St., 3 three-st'y brick dwells.; \$13,500; own. and bld., F. T. Sawyer; arch., B. Stanley Simmons.
Willow Grove, Pa.—Three-st'y frame and stone dwell., 18' x 50', shingle roof; \$5,000; arch., Stearns & Castor, 635 Bourse, Philadelphia.
MERCANTILE BUILDINGS.
Boston, Mass.—Washington St., cor. Bromfield St., ten-st'y iron and steel mercantile structure, 30' x 90'; own., R. H. Dana and Samuel Wells, Trustees; arch., Winslow & Wetherell.
OFFICE-BUILDINGS.
New York, N. Y.—West Twenty-fourth St., No. 53, six-st'y brick office-building, 40' x 100'; \$40,000; own., Fred'k Zobel, on premises.
STABLES.
Baltimore, Md.—One-and-a-half-st'y brick stable, 14' x 30', nr. 615 Duncan Pl., bet. Monument and McKelvey Sts.; own., S. J. Smith, 507 North Patterson Park Ave.
Boston, Mass.—North Beacon St., rear, No. 253, Ward 25, frame stable, 24' x 35'; \$1,200; own., Margaret Welsh; bld., M. Cronin.
Gladstone St., cor. Walley St., Ward 1, one-and-one-half-st'y frame stable, 22' x 30', pitch roof; \$1,000; own. and bld., Thos. D. Walsh, 376 North St.
Sweet St., nr. Massachusetts Ave., Ward 17, frame stable, 25' x 50', pitch roof; \$800; own., T. A. Winslow, 39 Regent St.; bld., A. W. Joslin.
Creighton St., Ward 22, two-st'y frame stable, 23' x 34', pitch roof; \$18,000; own., Rt. Rev. John J. Williams; bld., Wm. Tobin, 415 Centre St., Jamaica Plain.

BUILDING INTELLIGENCE.

STORES.

Brooklyn, N. Y.—Underhill Ave., n w cor. Dean St., four-st'y brick store and dwell., 26' x 60', tin roof; \$6,000; own. and bld., Leonard Bros., 739 Bergen St.; arch., W. M. Coots, 240 Flatbush Ave.
Chicago, Ill.—Carse & Jeffery, 3 three-st'y brick store and flat-buildings, 1066-70 East 61st St.; \$24,000.
Adam Schaaf, four-st'y brick store and warehouse, 147-149 West Madison St.; \$35,000.
New York, N. Y.—Green St., No. 225, six-st'y brick and stone store and lofts, 20' x 87' 6"; \$25,000; own., D. P. Chesebro, 300 East 64th St.; arch., Buchman & Deisler.
West Twenty-fourth St., Nos. 141-143, seven-st'y brick store and lofts, 30' x 90'; \$40,000; own., Fred'k Zobel, 53 West 24th St.
TENEMENT-HOUSES.
Everett, Mass.—Ferry and Woodward Sts., three-st'y frame building for store and tenements, 48' x 50', flat roof, furnace; \$6,000; own. and bld., E. D. Sprague, Woodward St.
Somerville, Mass.—School St., two-st'y frame 4-tenement-building, 38' x 52', flat roof, furnace; \$10,000; own., Eleanor J. Grover; bld., J. W. Gilpatrick, 45 Prospect St.
WAREHOUSES.
Brooklyn, N. Y.—Water St., s e cor. Pearl St., six-st'y brick warehouse, 100' x 102' 6", iron roof; \$90,000; own., Jones Bros., 79 Front St.; arch., A. G. and E. N. Stone, 1370 Dean St.; bld., A. G. Stone, 1370 Dean St.
St. Louis, Mo.—Two-st'y warehouse, n s Lynch St., bet. 11th and 12th Sts.; \$12,000; own., Louis Obert.
MISCELLANEOUS.
Allentown, Pa.—Three-st'y iron and brick, slow burning construction brewery, slag roof; cost about \$90,000; own., Lehigh Valley Brewing Co.; arch. Lehr, Leh & Marts.

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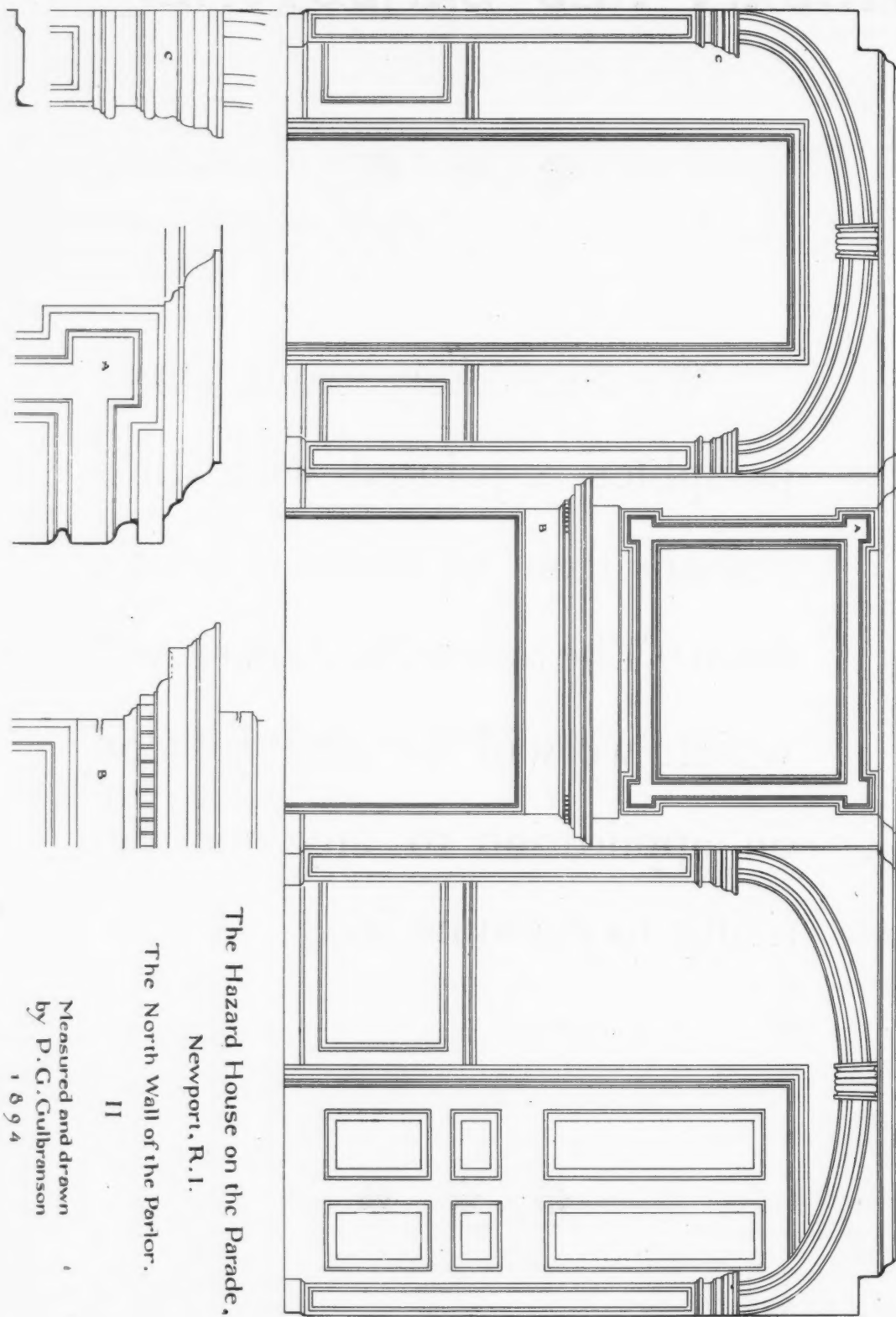


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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Canton, O.—A new school-house will be built at the corner of Cherry St. and Washington Ave. A. J. Campbell is Clerk of the Board of Education.

Chicago, Ill.—Louis D. Webster will build a store and office-building at Madison and Ogden Aves., from plans by Holabird & Roche, at a cost of \$23,000.

A. T. Toolen will build a four-sty apartment-building, 2720 Indiana Ave., from plans by Louis Mastens, at a cost of \$40,000.

Cowles & Ohrenstein have designed for Joseph Philipson a store and office-building to be built at Jefferson and Dussold Sts., at a cost of \$35,000.

The same architects are at work on plans for a warehouse to cost \$25,000.

The Bethany Evangelical Congregation will build a \$25,000 edifice at Irving Park Ave. and Paulina St. Fred'k Alschlager is preparing plans.

Chicopee Falls, Mass.—The Y. M. C. A. will attempt to raise a building fund.

Cleveland, O.—The German-American Club expect to build a new club-house on the Lake Shore.

Colorado Springs, Col.—The building of a new public library is under consideration.

Council Bluffs, Ia.—It is said that plans are being made for a seven-sty building for Robinson Bros.

Detroit, Mich.—The Board of Supervisors, December 18, voted in favor of awarding the contract for the new county building to the Covington Stone and Marble Co., Covington, Ky., at \$389,714 for Portage entry stone and granite construction, and \$111,300 for mason-work, with the following sub-contracts in addition: Russell Wheel & Foundry Co., iron and steel work, \$65,840; Empire Fireproofing Co., Chicago, Ill., fireproofing and terra-cotta, \$42,550; Detroit Cornice & Slate Co., roofing and sheet metal, \$21,085; total, \$630,489.

Dubuque, Ia.—Plans for superstructure of new Catholic Seminary will be ready for estimates in about 60 days. Inside finish and heating and plumbing late next summer. Buechner & Jacobsen of St. Paul, Minn., arch.

Ducktown, Tenn.—A new court-house is to be built here; W. Chamberlain & Co., of Knoxville, are the architects.

Emmitsburg, Md.—A \$10,000 Catholic Church is to be built.

Gallena, Kan.—It is said that the Kansas City, Fort Scott & Memphis R. R. Co. will build a new station on 8th and Main Sts.

Grand Rapids, Mich.—It is reported that a Chicago syndicate has been given an option on the Powers Opera-house property for \$240,000, and that they have plans made for a ten-sty building with a modern theatre; Clay A. Hollister is interested. John Canfield may build a cold-storage warehouse to cost about \$50,000.

Hartford, Conn.—The contract for the carpenter-work on the addition to the Brown School has been given to Watson H. Bliss & Sons at \$24,970; mason-work to Murray, Grozier & Moore at \$34,945. An addition costing \$150,000, is to be made to the High School.

Jackson, Mich.—Percy Dwight, of Detroit, is considering a proposition to build a new opera-house here.

Kingston, N. Y.—The Board of Supervisors will build a \$25,000 addition to the court-house.

Lansingburgh, N. Y.—The First Methodist Church thinks of building a new edifice. Rev. J. A. Hamilton is pastor.

Marlboro, Mass.—E. J. Sawyer is to build a \$15,000 house on Pleasant St.

Milwaukee, Wis.—There is a prospect of a \$20,000 addition being made to the 15th District primary school.

Minneapolis, L. I., N. Y.—A new building will be put up for the Nassau Hospital. Charles M. Tappan, Glen Cove, is secretary.

Minneapolis, Minn.—It is probable that 2 stories will be added to the Heywood Building at 717-721 Nicollet Ave., recently damaged by fire; arch., H. W. Jones.

S. J. Bowler has plans for flat building on Hennepin Ave., 60' x 165', three stories, pressed brick and stone, to cost \$30,000.

There has been a conference between Hennepin Co. delegation and the County Commissioners to devise a plan for completion of city side of new City-hall and Court-house Building. One plan is to bond through special election, the other to levy a mill tax through a series of years.

The contract for the Anthony Kelly mortuary chapel was let to Trainor Bros. to be of Kettle River sandstone; work to be begun at once; F. G. Corner, arch.

New Haven, Conn.—Franklin Van Winkle, of New York City, is making plans for a contagious disease hospital, to cost \$50,000.

The Olivet Baptist Church Society is considering the building of a new church.

The Masonic Temple will endeavor to build a \$60,000 Masonic Temple on Orange St.

The Board of Education may soon order plans made for a new eight-room brick school in the Strong district, to cost \$35,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Sussmann Goldreyer is having plans made for a four-sty brick block to be built on Chapel St., at a cost of \$25,000.

Newport, R. I.—The William J. Merritt Company, of New York City, have bought the Ocean House and will improve the property with the ultimate intention of replacing the present hotel with a modern structure.

New York, N. Y.—Charles T. Wills will be the contractor for the alterations to the Union League Club-house; arch., Peabody & Stearns.

Cady, Berg & See are the architects of an 80' x 90' addition to be built to the American Museum of Natural History, at a cost of about \$200,000.

Albert Wagner is making plans for a six-sty fireproof store-building, 100' x 245', with annex 20' x 92', to cost \$500,000, to be built for Ludwig Baumann, at 258 to 266 Sixth Ave., West 16th and West 17th Sts.

Charles T. Wills has the contract for the club-house for the American Society of Civil Engineers on 57th St.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Flemer & Koehler are making plans for Osborne & Morris for a \$1,000,000 apartment-house to be built on 71st and 72d Sts. and Riverside Drive.

Albert Thompson will be the architect of a new building for the Washington Heights branch of the Y. M. C. A., to be built on 155th and 156th Sts., at a cost of about \$225,000.

The Third Avenue Railroad Co., will build a one-sty brick and stone car-house and offices on the south side of 218th St., extending from Ninth to Amsterdam Aves., at a cost of \$125,000.

Norfolk, Va.—Charles E. Cassell, of Baltimore, is preparing plans for a nine-sty brick and terra-cotta bank and office-building for the Citizen's Bank, 66' x 134', to cost about \$100,000.

Owatonna, Minn.—A three-sty block, 65' x 123', is to be built for an opera-house; C. S. Crandall is Chairman of Building Committee.

Oyster Bay, N. Y.—Ingle & Almirall, of New York City, are the architects of a two-sty stone Roman Catholic Church, to be built at a cost of \$30,000.



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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Pawtucket, R. I.—The contract for the new Masonic Temple has been given to Wm. F. Dearborn & Son, of Worcester, Mass., at \$75,000.

Peoria, Ill.—The Elks Lodge is looking for a site on which to put up a \$150,000 building. The Board of Trustees of the Bradley Polytechnic Institute have approved plans prepared by Henry Ives Cobb.

Philadelphia, Pa.—J. D. Austin, architect of the Board of Education, has plans for 18 new school-houses to be built in different sections of the city, with the \$900,000 appropriated by the council, for school improvements.

Pittsburgh, Pa.—S. F. Heckert has prepared plans for a stone and brick convent to be built at Millvale Borough, for the Sisters of St. Francis, at 43d St., Lawrenceville, Pittsburgh; estimated cost, \$25,000. Mother Baptiste is the Superior.

Poughkeepsie, N. Y.—The court-house is to be improved at a cost of \$30,000.

Princeton, N. J.—Stacey Reeves & Son, of Philadelphia, have the contract for Blair Hall for Princeton University. Cope & Stewardson, of Philadelphia, are the architects.

Rockingham, Vt.—The town has voted to issue \$50,000 bonds for a new High School.

Salem, Mass.—The bids for enlarging and improving the High School have all been rejected and there is talk of building a new High School.

Salt Lake City, Utah.—The trustees of the Sheldon Jackson College will put up some new buildings in the spring.

Seneca Falls, N. Y.—A \$20,000 opera-house is to be built here.

Springfield, Ill.—A \$185,000 hotel is to be built, it is reported, on 4th and Jefferson Sts.

Springfield, Mass.—Guy Kirkham will be the architect of the new Home for Friendless Women to be built in the spring. It will be of brick and stone, three stories.

St. Louis, Mo.—It is reported that a large plate-glass manufacturing plant will be built, probably in East St. Louis.

St. Paul, Minn.—The House Committee on Public Buildings has reported favorably on bill to appropriate \$200,000 additional for the Government Building.

Hennessey & Cox were awarded contract for taking down the walls of the Ryan annex, burned last week. It is understood it will be rebuilt at once, but whether on old or new plans, is yet unknown; loss, \$80,000.

The Schutte Block, destroyed at same time, will be rebuilt soon, the walls being in fair shape; loss, \$45,000.

It is probable that a medical building will be built during coming year for Hamline University, at probable cost of \$25,000.

Syracuse, N. Y.—It is said that the proposed hospital for consumptives will probably be built on Adams and Irving Sts. Dr. Smith is Chairman of Com. Board of Health.

Tiffin, O.—W. H. Webster of Toledo is at work on

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

plans for a \$50,000 opera-house, to be built on South Washington St.

Toledo, O.—Mills & Wachter are making plans for a new hotel on St. Claire St.

I. W. Matz is making plans for a three-sty brick and stone, 45' x 100', business block for East Toledo.

Variety Springs, Va.—Glenn Brown, of Washington, D. C., is making plans for a two-sty frame summer hotel, 125' front, to be built for Ker & Eichelberger.

Wallingford, Conn.—The Board of Managers of the State Masonic Home are considering the building of a hospital.

Washington, D. C.—J. G. Hill is making drawings for a new store and office-building which the Pope Mfg. Co. proposes to put up on the east side of 14th St., bet. H and I Sts., N. W.

The same architect is making plans for a \$15,000 brick and stone house to be built for Mrs. Mathewson, at Bancroft Pl. and Connecticut Ave., N. W.

Williamson, W. Va.—A court-house, to cost about \$40,000, will be built; arch., F. P. Milburn, Winston, N. C.

Wilmington, Del.—F. R. Carswell has made plans, and estimates are now being received for extensive additions, costing \$60,000, to F. Blumenthal & Co.'s factory.

Worcester, Mass.—Francis H. Dewey will be the chairman of the committee in charge of the building of the new art museum. S. C. Earle is architect. It will be 56' x 128', of brick and stone.

The Samuel Warren estate on Highland St., has been bought for a new court-house.

ALTERATIONS AND ADDITIONS.

Brooklyn, N. Y.—*Jorammon, Fulton and Court Sts.*, four-sty stone city-hall, 100' x 160', to erect a cupola; \$34,000; own., City of Brooklyn; arch., Griffith & Stoughton, 96 Fifth Ave., New York City; bld., Poulson & Eger, Pulitzer Building, New York.

Meserole St., s e cor. Bushwick Pl., 2 three-sty brick dwells., 50' 2 1/2' x 52' 6", exterior alterations; \$5,000; own., Otto Huber, on premises; arch., A. E. Parfitt, Garfield Building; bld., John Auer, 355 Vernon Ave.

Verona St., s w cor. Richard St., one-sty stone church, 80' x 143', two-sty stone extension, 24' x 96'; \$35,000; own., W. McGuire, 77 Verona St.; arch., T. F. Houghton, 293 Montague St.; bld., D. J. Lynch, 97 Partition St.

Bryn Mawr, Pa.—Three-sty frame and stone addition, 36' x 50', to dwell., shingle roof; own., Mrs. C. D. English; con., Wannop & Young, St. Davids, Pa.; arch., Wm. L. Price, 731 Walnut St., Philadelphia.

Philadelphia, Pa.—*Filbert and Tenth Sts.*, alterations and additions to hotel; cost about \$15,000; own., Lewis & Enis, on premises; arch., Seymour Davis, 907 Walnut St.

Watch Hill, R. I.—Five-sty frame addition to Ocean House, 44' x 97', tin roof; \$16,000 to \$20,000; own., E. S. Brewer; arch., F. R. Richmond, Springfield, Mass.; not let.

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

house; \$20,000; own., S. Mills Ely; arch., T. J. Lacey & Son.

Boston, Mass.—*Batavia St.*, Nos. 32-42, Ward 10, 6 four-sty brick apartment-houses, 32' x 64', flat roofs, stoves; \$55,000; own., A. S. Haynes, 29 Central St.; bld., F. E. Jones.

Mt. Pleasant Ave., Ward 17, 2 five-sty brick apartment-houses, 35' x 55' x 88', flat roofs, steam; \$50,000; own., J. W. Woodward; arch., C. J. Bateman, 19 Exchange Pl.

Brookline, Mass.—Three-and-one-half-sty brick house of 6 aparts., 51' x 80', pitch roof, hot water; \$31,000; own., Louis Klons, 28 Emerson St.; bld., King & Hodge; arch., Frank M. Churchill.

Chicago, Ill.—S. Swanson, three-sty brick flats, 5385 Fifth Ave.; \$6,000.

G. W. Benson, three-sty brick flats, 1513 Dakin St.; \$5,000.

Joseph Straud, three-sty brick flats, 431 North Western Ave.; \$10,000.

Mrs. Annie Anderson, 2 three-sty brick flats, 170-172 Humbolt Boulevard; \$8,000.

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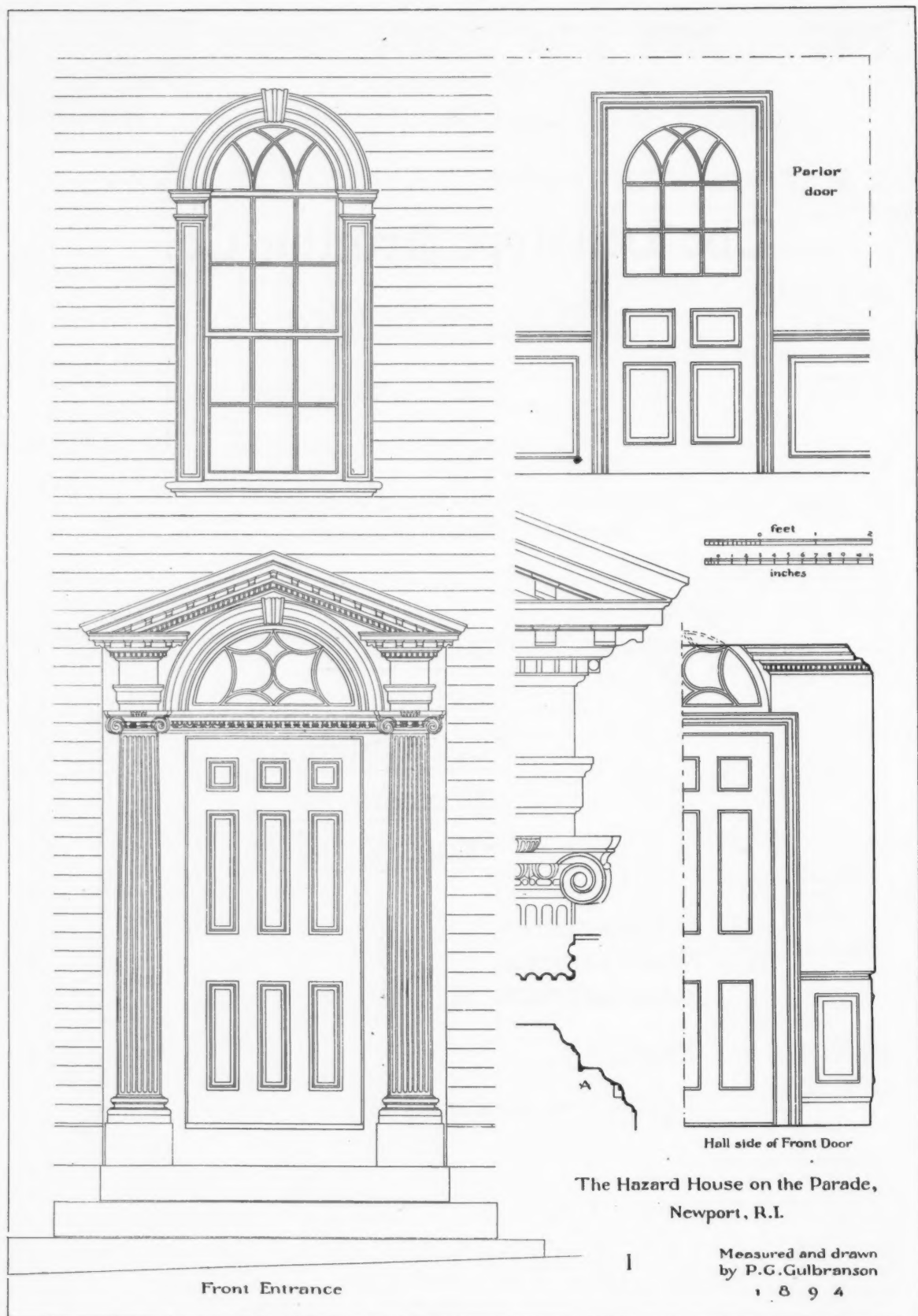
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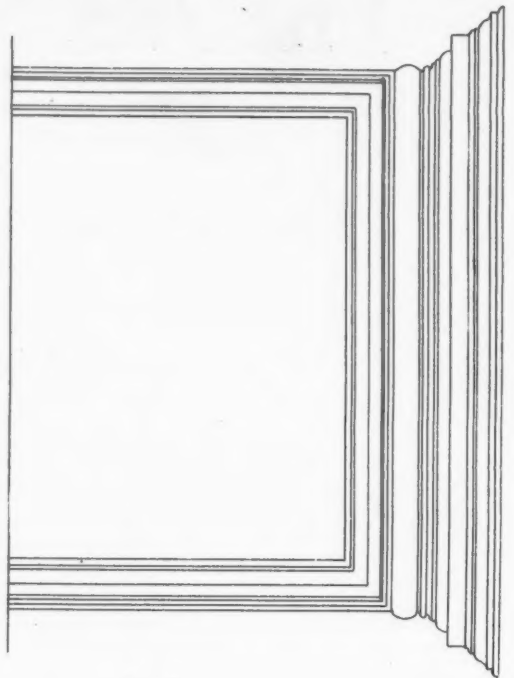
This is an example of recent work. A full list of the pieces in this Ornamentation will be found in the Art Metal Work Supplement to our No. 15 Catalogue, just issued. Sent to all Architects on request.

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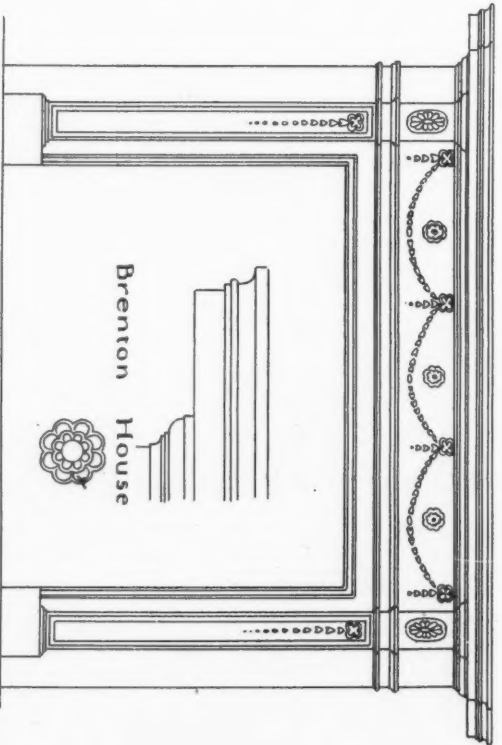
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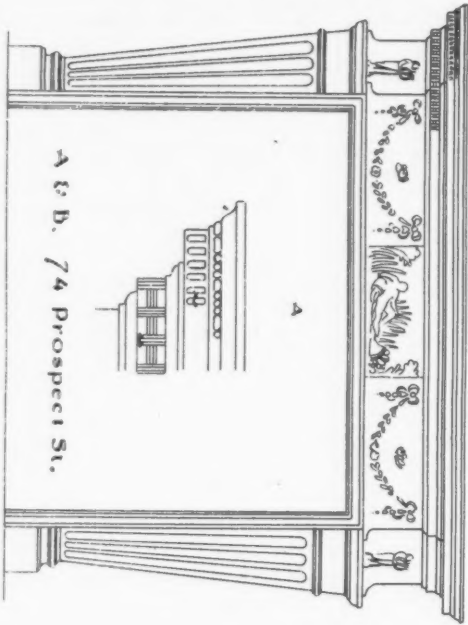
WORKS: Stamford, Conn., Branford, Conn.



26 Mill St.



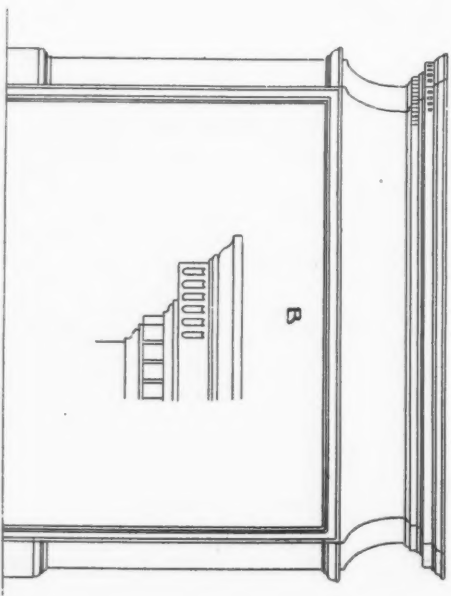
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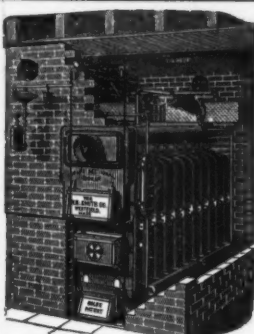
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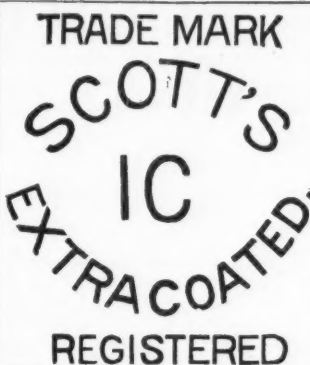
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)	(Prices to Builders and Contractors.)	(Prices to Builders and Contractors.)
HARDWARE.				
Nails: (P Cask.) Spikes, (w'ght.)	@ 2 85	@ 2 25	2 15 @ 2 75	per keg @ 2 25
10d. common	@ 2 60	@ 2 40	@ 1 55	@ 2 30
Shingle	@ 3 35	@ 2 40	4d @ 1 80	@ 2 60
Lath	@ 4 85	@ 2 75	3d fine @ 2 00	3 60 @ 4 75
(Finishing, according to size.)	@	@	Add .25 to \$1.15	per lb. 4 6
(For casing, add 75 c. per keg.)	@	@	.15 to \$1.00	Add per cent.
Butts: 4" x 4" (P doz. pairs.)	@ 1 00	@ 1 00	@ 90	2 90 (all kind.)
Plain	@ 1 50	@ 1 50	Not sold.	@ 90
Japanned	@ 1 50	@ 1 50	1 00 @ 1 75	1 35 @ 2 00
Acorn, Japanned	@ 65	@ 35	1 35 @ 2 75	1 35 @ 2 75
Ball Tip, Boston Fin. (P pair.)	@ 1 90	plain 1 10	1 35 @ 3 50	48 @
Bronze metal	@ 10	@ 10	1 00 @ 3 50	@ 115
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Knobs: (P pair.)				
Ebony	@ 18	@ 18	@	@ 35
Apple wood	@ 33	@ 33	@	37 @ 1 00
Mineral, best	@ 7	@ 7	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	Not sold.
Hemacite	Not sold.	17 @ 33	15 @ 40	25 @ 50
Porcelain	@ 30	@ 10	8 @ 10	@ 25
Glass, solid	Not sold.	@ 50	Not sold.	00 @ 2 50
Glass, silvered	Not sold.	88 @ 1 00	Not sold.	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 1 00	75 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 1 00	75 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead	@	@ 64	@ 7	134 @ 64
Lead Pipe	@	@ 54	54 @ 6	6 @ 6
Iron:				
I-Beams, to and including 30 ft.	33-10 @ 34	@ 2 65	Any length	@ 2 8-14
Channel Beams	33-10 @ 34	@ 2 65	1 70 @ 2 25	@ 2 8-14
LUMBER.—P.M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 45 50
" 3d quality	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce	@ 25 00	12 00 @ 18 00	Not sold.	15 00 @ 21 50
Hemlock	ea134 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 20 00
Cypress	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Cupboards:				
Pine	@	38 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine	14 00 @ 18 00	14 50 @ 18 00	15 00 @ 25 00	25 00 @ 37 30
Spruce	12 00 @ 16 00	13 00 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock	18 00 @ 21 00	18 00 @ 28 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine			16 00 @ 25 00	22 50 @ 30 00

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

New York. Boston. Chicago. Philadelphia.

LUMBER.—P. M. (Continued.) (Wholesale Prices.) (Prices to Builders and Contractors.)

Laths: Spruce Slab.....		Nominal 1 60	2 25 @ 2 50		1 90 @ 2 00	2 75 @ 3 00	
Pine.....		Round Wood	1 65 @ 2 25		Not sold.	2 30 @ 2 35	
Shingles:					Not sold.		
Pine, shaved..... P. M.		5 00 @ 6 00	@		2 60 @ 2 75		
Pine, sawed.....		4 00 @ 5 00	@ 4 50		Not sold.		
Spruce, sawed.....		1 50 @ 2 00	1 50 @ 1 75		4 60 @ 6 00	{ 30" \$35 @ 40	
Redwood..... P. 125.		1 40 @ 1 60	2 90 @ 3 25		Not sold.	{ 24" 8 @ 21	
Cedar split..... P. M.		Red Cedar	2 00 @ 3 50		2 50 @ 2 90	{ 20" 35 @ 14	
Cypress, split.....		@	2 00 @ 3 25		@	11 00 @ 14 00	
Miscellaneous:		18 00 @ 20 00	5 00 @ 6 00				
Piles..... P. ft.		4 1/2 @ 5 1/2	Piles 6c. P. ft.		10 @ 15 P. ft.		
Fence pickets, Common.....		8 00 @ 10 00	10 00 @ 18 00		P. 10 00 @ 15 00	9 00 @ 13 00	
Cedar posts, 9 ft. (sq. posts.).....		@	25 @ 50		7 ft. 11 @ 50	40 @ 1 50	
Chestnut posts.....		@	25 @ 50		Not sold.	20 @ 30	
Finishing Woods: P. M. (First.)							
Ash..... (Qual. Kiln-dried)		@ 55 00	45 00 @ 55 00		27 00 @ 33 00	40 00 @ 50 00	
Cherry.....		80 00 @ 120 00	50 00 @ 120 00		80 00 @ 100 00	100 00 @ 120 00	
Butternut.....		40 00 @ 60 00	60 00 @ 70 00		30 00 @ 35 00	70 00 @ 90 00	
Hard-pine floors (rifts).....		@ 180 00	160 00 @ 170 00		130 00 @ 190 00	150 00 @ 250 00	
Mahogany, Baywood [Mexican].....		@ 350 00	120 00 @ 350 00		140 00 @ 200 00	200 00 @ 400 00	
" St. Domingo.....		45 00 @ 50 00	45 00 @ 50 00		20 00 @ 30 00	30 00 @ 80 00	
Maple.....		@ 70 00	40 00 @ 50 00		30 00 @ 35 00	40 00 @ 55 00	
Oak, red.....		@ 70 00	45 00 @ 55 00		31 00 @ 35 00	42 50 @ 55 00	
" white.....		@ 90 00	65 00 @ 75 00		43 00 @ 50 00	60 00 @ 75 00	
" quartered.....		65 00 @ 70 00	50 00 @ 65 00		30 00 @ 35 00	51 50 @ 65 00	
Sycamore quartered.....		60 00 @ 70 00	50 00 @ 75 00		50 00 @ 55 00	65 00 @ 75 00	
Pine, clear.....		60 00 @ 70 00	50 00 @ 70 00		40 00 @ 55 00	60 00 @ 75 00	
Redwood..... P. lb.		@ 6					
Rosewood.....		28 00 @ 32 00					
Spruce floorclear, (kiln-dried).....		125 00 @ 150 00	85 00 @ 120 00		75 00 @ 95 00	50 00 @ 175 00	
Walnut, black.....		45 00 @ 50 00	35 00 @ 45 00		33 00 @ 38 00	25 00 @ 45 00	
Whitewood.....		@ 45 00	40 00 @ 42 00		2 50 @ 30 00	@ 45 00	
Yellow pine..... P. M.							
PAINTS. (In Oil P. lb.)							
White Lead, Am.....		7 @ 7 1/2	5 1/2 @ 5 1/2		5 1/2 @ 6	@ 7 1/2	
" Zinc.....		5 @ 8 1/2	6 @ 7		5 1/2 @ 6	@ 7 1/2	
Red Lead, Am.....		6 1/2 @ 7	5 1/2 @ 5 1/2		dry 1 1/2 @ 2 1/2	dry Eng. @ 7 1/2	
" Venetian.....		6 @ 10 1/2	7 @ 12		dry 1 1/2 @ 2 1/2	Eng. @ 7 1/2	
" Vermillion.....		65 @ 70	65 @ 75 dry		" 12 @ 20	dry Am. @ 7 1/2	
" Indian, Eng.....		12 @ 20	12 @ 20		" 15 @ 25	@ 18	
Yellow Ochre.....		6 @ 15	7 @ 12		" 8 @ 20	@ 21	
" Chrome.....		12 @ 20	14 @ 20		" 20 @ 30	15 @ 20	
Green (chrome).....		8 @ 13	8 @ 20		" 10 @ 30	8 @ 12	
Green, Paris.....		25 @ 40	17 @ 19		" 12 @ 35	10 @ 24	
Black, lamp.....		15 @ 25	15 @ 25		" 38 @ 45	@ 60	
Blue, ultramarine.....		12 @ 18	18 @ 30		42 @ 48	@ 44	
Oil, linseed, (raw).....		55 @ 62	33 @ 35		1 25 @ 2 00	1 25 @ 3 00	
" (boiled).....		58 @ 65	36 @ 38		2 25 @ 4 00	1 50 @ 3 00	
Turpentine.....		36 @ 37	33 @ 36		dry 2 @ 2 1/2	2 @ 2 1/2	
Varnish, coach.....		@	1 50 @ 6 00		" 1 @ 1 1/2	1 @ 1 1/2	
Shellac.....		@	2 00 @ 3 00		" 1 1/2 @ 2	1 1/2 @ 2	
Putty.....		2 @	2 @ 4		" 6 @ 7	4 @ 7 1/2	
Whiting.....		75 @ 1 00	1 @ 1 1/2		" 2 @ 10	2 @ 15	
Paris white, (Eng).....		1 30 @ 2 00	@ 2				
Litharge, Am.....		5 1/2 @ 6	5 1/2 @ 5 1/2				
Sienna (burnt).....		14 @ 20	14 @ 18				
Umber.....		14 @ 20	14 @ 18				

Professional Ethics.

The following...

... CODE OF ETHICS ...

 Prepared in Conformity with the
Best Standards of Practice, and
Recommended to its Members by
the Boston Society of Architects,
was ...

 ADOPTED BY THE SOCIETY, FEBRUARY 1,
... 1895. ...

 SECTION 1. No Member should enter into
partnership, in any form or degree, with any
builder, contractor, or manufacturer.

 SECTION 2. A Member having any ownership
in any building material, device or invention,
proposed to be used on work for which he is
architect, should inform his employer of the
fact of such ownership.

 SECTION 3. No Member should be a party to
a building contract except as "owner."

 SECTION 4. No Member should guarantee an
estimate or contract by personal bond.

 SECTION 5. It is unprofessional to offer draw-
ings or other services "on approval" and
without adequate pecuniary compensation.

 SECTION 6. It is unprofessional to advertise in
any other way than by a notice giving name,
address, profession, and office hours, and
special branch (if such) of practice.

 SECTION 7. It is unprofessional to make altera-
tions of a building designed by another archi-
tect, within ten years of its completion,
without ascertaining that the owner refuses
to employ the original designer, or, in event
of the property having changed hands, with-
out due notice to the said designer.

 SECTION 8. It is unprofessional to attempt
to supplant an architect after definite steps
have been taken toward his employment.

 SECTION 9. It is unprofessional for a Member
to criticize in the public prints the professional
conduct or work of another architect except
over his own name or under the authority of
a professional journal.

 SECTION 10. It is unprofessional to furnish de-
signs in competition for private work or for
public work, unless for proper compensation,
and unless a competent professional adviser
is employed to draw up the "conditions" and
assist in the award.

 SECTION 11. No Member should submit draw-
ings except as an original contributor in any
duly instituted competition, or attempt to
secure any work for which such a competition
remains undecided.

 SECTION 12. The American Institute of Archi-
tects' "schedule of charges" represents mini-
mum rates for full, faithful and competent
service. It is the duty of every architect to
charge higher rates whenever the demand for
his services will justify the increase, rather
than to accept work to which he cannot give
proper personal attention.

 SECTION 13. No Member shall compete in
amount of commission, or offer to work for
less than another, in order to secure the work.

 SECTION 14. It is unprofessional to enter into
competition with or to consult with an archi-
tect who has been dishonorably expelled from
the "Institute" or "Society."

 SECTION 15. The assumption of the title of
"Architect" should be held to mean that the
bearer has the professional knowledge and
natural ability needed for the proper invention,
illustration and supervision of all building
operations which he may undertake.

 SECTION 16. A Member should so conduct his
practice as to forward the cause of profes-
sional education and render all possible help
to juniors, draughtsmen and students.



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The deafening of floors and partitions in school-houses, apartment-houses, hotels and hospitals can be accomplished at slight expense and without perceptibly increasing the weight of the structure, by the use of

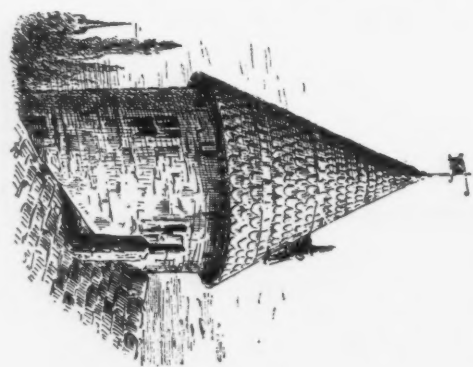
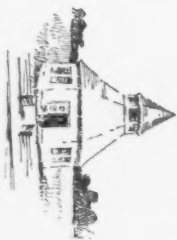
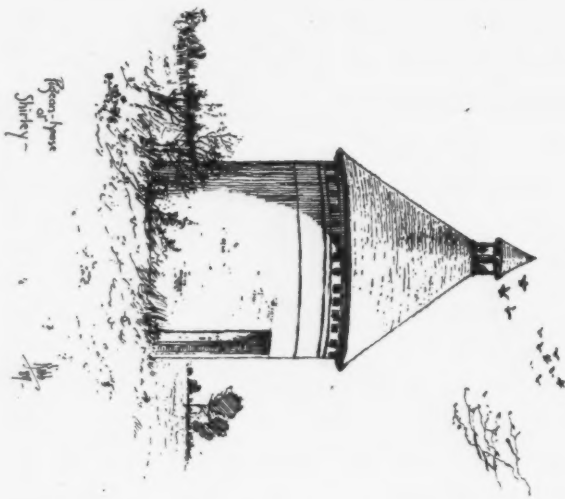
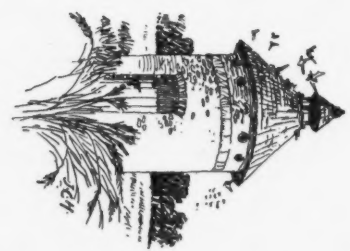
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The soft, resilient cushion (of dead air spaces) gives the most perfect conditions for absorbing and dissipating sound-waves, and it no less perfectly insulates heat. Quilt is not liable to destruction by moths.

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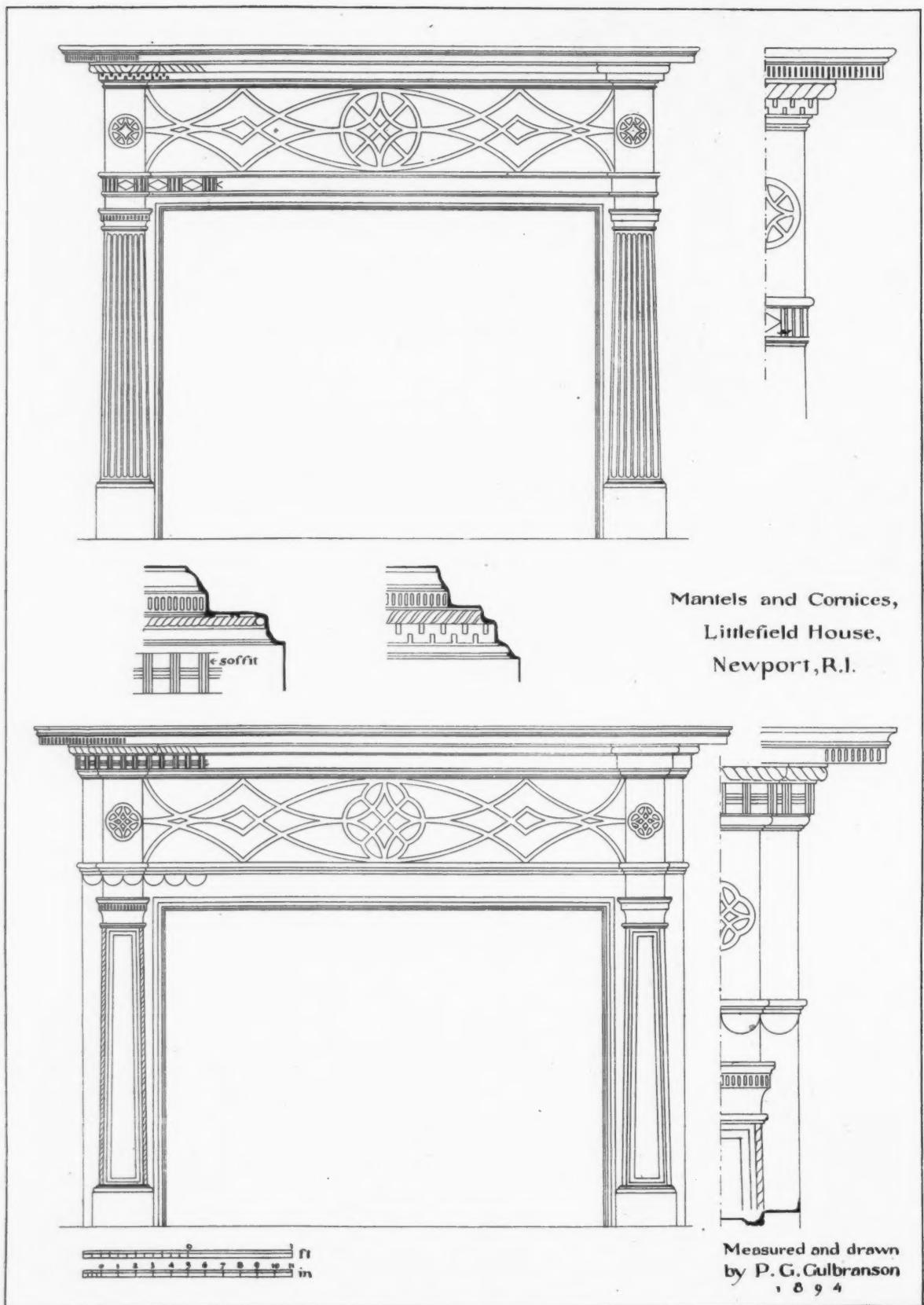


A fine Example of the use of pointed work for trimming in this stone is the new Mt. Auburn Cemetery Buildings (Chapel and Office-Buildings) at Cambridge, now under construction. Mr. W. T. Sears, the Architect, has used nothing but Potsdam Sandstone for the exterior, and the structures are among the finest of the kind in the country. This same finish it is expected will be used for other buildings in New England to be built of this stone during the summer.



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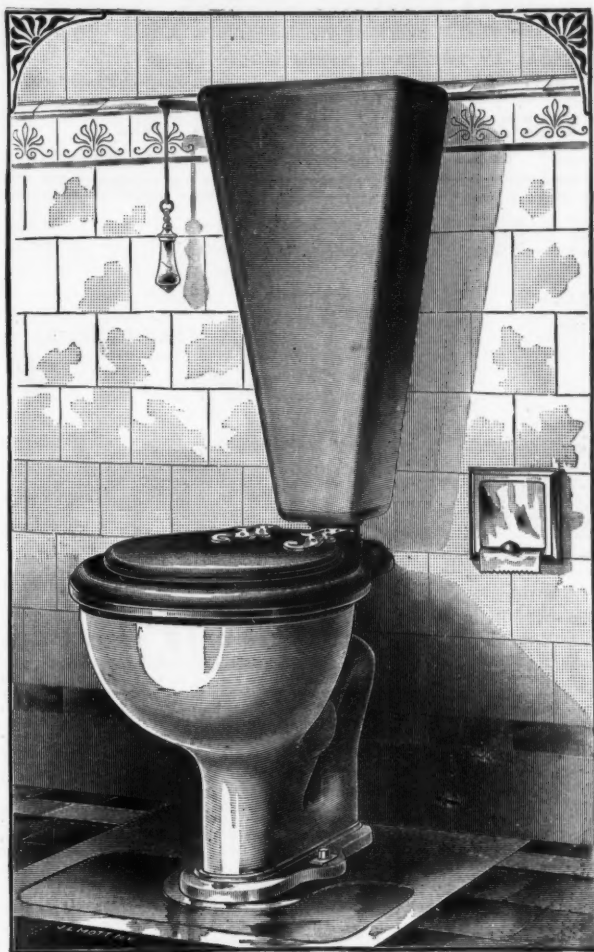


PLATE 1497-G.

THE J. L. MOTT IRON WORKS,

84-90 BEEKMAN STREET, NEW YORK,

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THE PRIMO IMPROVED, with No. 1 "Perfecto"
Seat and Cover (Cherry, Oak, Ash or Black Walnut)
No. 29 Low-down Cistern, Nickel-plated Rod with Hard-
wood Pull and Brass Floor Flange.

The ordinary Cistern Closet cannot always be advantageously used—a window may interfere or a shelving roof, or the water supply may not rise sufficiently high, or if the Closet is to be placed under a stairway the height is usually limited. If put up under these conditions, the Primo with Low-down Cistern answers all practical and sanitary requirements, besides being neat and attractive in appearance. In operation it is quick and thorough and substantially noiseless, making it particularly desirable for use in compartments adjoining drawing-rooms, etc. The Cistern has a close-fitting cover, so that in filling there is no noise.

Each Closet is furnished complete as shown. No Flush-pipe is required, the outlet at bottom of Cistern connecting directly with the inlet of the Closet.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

seven-sty fireproof structure, of iron and stone, about 125 feet square, and will cost upward of \$250,000.

Buffalo, N. Y.—Plans are to be made for a new school to replace school No. 12.

Lausling & Beierl have made plans for a seven-sty brick building to be built for the Buffalo Cold Storage Co., on the corner of Perry and Columbia Sts., at a cost of \$200,000.

About \$10,000 is to be spent in improvements to the Lyceum Theatre. August C. Eesenwein is the architect.

Chicago, Ill.—A. M. F. Colton & Son have plans for 5 houses for Richard Ryan, on 45th and Congress Sts., costing \$15,000.

E. B. Miller & Co. will alter the building 47 Michigan Ave., from plans by George L. Harvey, at a cost of \$40,000.

F. P. Burnham Co. have plans for an apartment-building on 66th St. and Greenwood Ave., to cost \$25,000.

It is said that a new receiving ward will be built at the County Hospital, at a cost of \$60,000.

Colorado Springs, Col.—It is said that the Printers' Home will be enlarged at a cost of \$15,000.

Eureka, Ill.—The Woodford County Board of Supervisors are considering the building of a \$60,000 court-house.

Galveston, Tex.—The Galveston County Commissioners contemplate building a new court-house, to replace the one recently burned, at a cost of \$150,000 to \$200,000. They have decided to invite plans and specifications for same, to be in by February 23, next.

Great Barrington, Mass.—Plans are being considered for a new block to replace the burned Church Block.

Hamilton, O.—George Barkman is making plans for a \$50,000 office-building to be built on High St., bet. 2d and 3d Sts.

Highland, Cal.—About \$200,000 is desired for buildings for the Highland Asylum.

Indianapolis, Ind.—The report of the Trustees of Indiana University asks for an appropriation of \$250,000 for new buildings.

Jamestown, N. Y.—Report says that the Erie Railroad Co. has definitely agreed with the Common Council to begin within three months the building of a \$20,000 depot on Cherry St.

Lakewood, N. J.—The house which Geo. J. Gould is about to build on Lake Drive from drawings by Bruce Price, will cost \$100,000 and be of brick, three stories high, with about 60 rooms. Work is to begin at once.

Lenox, Mass.—John Struthers will build a house on Walker St.

Macon, Ga.—The Armour Packing Co. will build a warehouse, 80' x 180', to cost about \$15,000.

Madella, Minn.—Orff & Joralemon, of Minneapolis, are planning a hotel-building to be built for Col. A.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Noonan, to be a three-sty 30-room building with all modern improvements.

Mannington, W. Va.—The Mannington Development Co. is interested in a \$150,000 window-glass factory to be built here. The Baltimore and Ohio Railway is to build a new station and freight-depot.

Milwaukee, Wis.—John W. Hinton is reported to have given \$50,000 to the Protestant Home for the Aged, of which \$30,000 is to be used in building an addition to the Home.

Minneapolis, Minn.—The G. A. R. Posts of the city contemplate putting up a museum building, to cost about \$35,000.

The Chamber of Commerce has secured an option on the site adjoining its present building. It is proposed to build an addition to cover this site, to be fireproof and cost \$300,000.

The Board of Regents of the State University will ask an appropriation of \$100,000 to be used for building a chemical building this year, a fireproof botanical building for 1898, and for horticultural building at State Farm.

W. S. Hunt is planning a three-sty 6-apartment pressed-brick and stone flat-building, 44' x 62', on North 4th St., to cost \$12,000.

New Haven, Conn.—W. H. Allen is making plans for remodelling the Eaton School at a cost of about \$25,000.

New York, N. Y.—The west side of 5th Ave., bet. 129th and 130th Sts. has been chosen for the new school for the Harlem District.

The Board of Education proposes to build a truant school at 215-217 East 21st St.

The Polyclinic, on 33d St., lately burned, is to be rebuilt at a cost of \$200,000.

R. E. Hawes will make plans for an eight-sty steel-frame stone and brick office-building to be put up at 57 and 59 Ann St., for the New York Construction Co., at a cost of \$200,000.

E. K. Bourne will probably be the architect of the stone Knox Memorial Chapel to be built on 41st St. by the Collegiate Reformed Dutch Church at a cost of \$50,000 to \$75,000. Rev. William Vaughan, pastor.

Northfield, Mass.—The foundations of the E. M. Dickinson Public Library on Main St. are in, ready for work on the superstructure in the early spring. The building will be of brick and granite, two stories, 40' x 60', costing \$15,000.

Patchogue, L. I., N. Y.—Congress will be petitioned for the building of a Government building in this village, to comprise a post-office, offices of the Surveyor of the Port, Coast Inspector and other United States officers. James R. Skinner has the matter in charge.

Philadelphia, Pa.—Baring St., s w cor. 36th St., Geo. F. Payne & Co., 401 to 409 South Juniper St., have the contract for the restoration of St. Andrew's Protestant Episcopal Church. It will cost about \$30,000; arch., Wilson Bros. & Co., 1036 Drexel Building.

Plainfield, N. J.—The Standard Oil Co., of New

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

York City, will make improvements to cost \$1,700,000 to their plant at this place.

Providence, R. I.—Martin & Hall will be the architects of a seven-sty brick business-block to be built by Joseph Banigan on Westminster, Union and Middle Sts., on the site of the Billings Block.

Roxbury, N. Y.—Miss Helen Gould has given \$250,000 to the Presbyterian Church for a new edifice.

Salem, Mass.—The School Committee recommends the building of a new High School.

Somerville, Mass.—The Central Club intends to have a new club-house and is now considering a plan.

South Bend, Ind.—Durham & Schneider have made plans for a hotel which it is said the Studebakers will build on Michigan and Jefferson Sts.

Southboro, Mass.—J. Montgomery Sears, of Boston, will build a house here.

Spokane, Wash.—The Great Northern Railway Co. is to build a depot and warehouse, and make other improvements in the spring, at a cost of about \$200,000.

Springfield, Ill.—Hessenmueller & Meldahl, of Chicago, will be the architects of the opera-house and hotel to be built on the corner of Jefferson and 4th Sts., at a cost of \$180,000.

St. Augustine, Fla.—The building of a new edifice by Trinity Church, to cost about \$50,000, is under consideration.

St. Paul, Minn.—A U. S. penitentiary at Fort Snelling is the subject of a bill to be brought up before present session of Congress.

Plans for a Catholic Church to cost \$10,000 have been prepared, to be built this year at Fort Snelling.

Toledo, O.—St. Paul's M. E. Church will build a \$75,000 edifice. The Albany St. Church is also to build. The Epworth Church is to be enlarged.

Tonawanda, N. Y.—The High School, lately burned, is to be rebuilt at a cost of about \$50,000.

Topeka, Kan.—The Missouri & Kansas Telephone Co. is to put up a large building.

Washington, D. C.—A. B. Morgan has plans for 14 brick houses to be built on 18th St., at a cost of about \$5,000 each. William A. Kimmel will be the builder.

The same architect is making drawings for an apartment-house, to cost \$14,000, to be built in the northwest section.

Wellesley Hills, Mass.—A brick building, to cost about \$10,000, is to be put up for the use of the water, highway and fire departments.

Wenham, Mass.—A. M. Kidder, of New York, will build a large house and stable.

Wheeling, W. Va.—The Vance Shoe Company contemplate putting up a five-sty building from plans by Franzheim, Glessey & Faris.

White Cliffs, Ark.—A Chicago syndicate, headed by Ezra C. Fahrney, has had plans made by Kalai &

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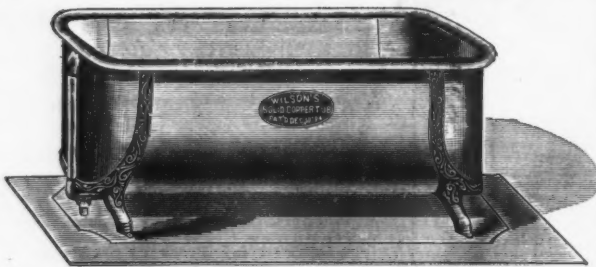
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(Advance Rumors Continued.)

Molitor of Chicago, for a large hotel to be built at this place, which is about 35 miles from Texarkana.

Winchester, Mass.—St. Mary's Church intends soon to begin work on a new brick edifice, plans having been made.

HOUSES.

Atlantic City, N. J.—Three-sty frame cottage, 40' x 72', shingle roof; cost about \$5,000; arch., Mantle Fielding, Jr., 110 South 4th St., Philadelphia.

Bar Harbor, Me.—Three-sty frame and stone summer dwell., 30' x 45', shingle roof; cost about \$10,000; own., Dr. Frank H. Smith, Philadelphia, Pa.; con., J. A. Clark; arch., De Grasse Fox, Philadelphia, Pa.

Boston, Mass.—Chestnut Hill Ave., nr. Eulita Terrace, 3 three-sty three-apartment frame dwells., 31' x 61', pitch roofs, steam; \$17,000; own., Elizabeth R. Bennett, 498 Commonwealth Ave.; arch. and bld., Calvin Lamont, 16 Bower St.

Baynton St., nr. South St., 3 three-sty three-apartment frame dwells., 25' x 49', flat roofs; \$4,000 each; own. and bld., Aubrey M. French, 43 Green St.; arch., J. C. Brodhead, 155 Lamartine St.

Walk Hill St., nr. Hyde Park Ave., two-sty two-apartment frame dwell., 29' x 50', pitch roof, furnace; \$4,500; own., J. A. Tobin; bld., Geo. Zunner, 3147 Washington St.; arch., Thomas J. Tobin, 3628 Washington St.

Samoset St., nr. Welles Ave., 10 two-sty frame dwells., 24' x 37', pitch roofs, furnaces; \$50,000; own. and bld., J. A. McCloskey, 118 West Selden St.; arch., J. Merrill Brown.

Princeton St., nr. Shelby St., two-sty two-apartment frame dwell., 21' x 33', flat roof, stoves; \$6,000; own., Robert Hudson, Jr.; arch. and bld., D. D. Fish, 62 West Eagle St.

Webster St., No. 82, Ward 2, three-sty frame dwell., 20' x 40', flat roof, stoves; \$4,000; own., Louis A. Gineberg, 8 Henry St., East Boston.

Fairbanks St., nr. Faneuil St., Ward 25, two-sty frame dwell., 28' x 40', pitch roof, furnace; \$4,000; own. and bld., F. G. Ellis, Allston Sq., Allston.

Brookline, Mass.—Warren St., two-and-one-half-sty frame dwell., 32' x 46', hip roof, furnace; \$12,000; own., Mrs. Jane B. Osgood; bld., Angus McDonald; arch., J. Everett Chandler, 85 Devonshire St., Boston.

Brooklyn, N. Y.—Butler St., s s, 19' w Troy Ave., 7 two-sty and basement frame dwells., 15' x 45', gravel roofs; \$14,000; own., William Herod, on premises; arch., James Graham, 122 Cleveland St.

North Henry St., w s, 150' n Richardson St., three-

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BUILDING INTELLIGENCE.

(Houses Continued.)

st'y frame dwell., 25' x 65', tin roof; \$5,000; own., B. Boehnlein, 255 East 3d St., New York; arch., H. Vollweiler, 483 Hart St.; bld., L. R. Muller, 534 Central Ave.

Decatur St., s s, 250' e Reid Ave., 5 two-sty and basement brick dwells., 20' x 50', tin roofs; \$25,000; own. and bld., John M. Neely, 606 Macon St.; arch., F. Miller, 595 Macon St.

Chicago, Ill.—J. R. Murphy, three-sty brick dwell., 4800-02 Champlain Ave.; \$20,000.
E. A. King, two-sty frame dwell., 4117 Perry Ave.; \$5,000.

Martin & Reynolds, 5 two-sty frame dwells., 819-831 Wilson Ave.; \$8,000.

Medford, Mass.—Edwards St., two-and-one-half-sty frame dwell., 45' x 45', flat roof, \$5,000; own., J. H. Tomfohrde, Boston; bld., Wales Smith, on premises.

Nebraska City, Neb.—Two-and-one-half-sty brick and stone dwell.; \$16,000; own., John C. Watson; arch., Henry Voss, Omaha.

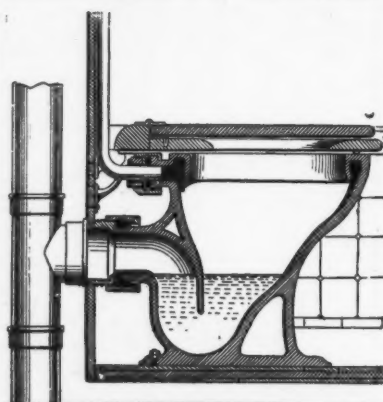
Newton, Mass.—Commonwealth Ave., two-sty frame dwell., 35' x 40', hip roof, furnace; \$6,500; own., F. B. Tyler; bld., Cook & Wesson, Chelsea; arch., Daniel H. Woodbury, 3 Somerset St.

New York, N. Y.—One Hundred and Eighty-third St., nr. 11th Ave., 8 three-sty brick dwells., 20' x 48'; \$48,000; own., Bernard Kavanagh, 460 West 147th St.; arch., Henry Van Benschoten.

Ninety-eighth St., nr. West End Ave., 8 three-sty brick dwells., 30' x 60'; \$144,000; own., William H. Picken, 61 West 113th St.; arch., John Hauser.

Seventieth St., w Amsterdam Ave., 6 four-sty brick dwells.; \$95,000; own., Wm. and Jas. Bradley, West End Ave. and 101st St.; arch., Ferdon & Elliott, 1293 Broadway.

Philadelphia, Pa.—Fifty-eighth St., s w cor. Haverford Ave., 7 two-sty brick dwells., 16' x 59'; own., Jno. E. Sickles, 5427 Haverford Ave.



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Twenty-fifth St., w s, e Southampton Ave., 2 two-sty brick dwells., 15' x 32'; con., J. B. Joslin Co., 1220 Filbert St.

South Fourth St., Nos. 707-9, 2 three-sty brick dwells., 27' x 30'; own., J. Fleet, 610 South 3d St.

Quincey St. and Petham Road, three-sty brick dwell., 37' x 54'; bld., C. D. Liddell, 166 Franklin St.

Penn St., n e cor. Green St., 4 three-sty brick dwells., 21' x 36'; con., Hillyer & Dilks, 55 Mechin St.

Spruce St., No. 1926, four-sty brick dwell., 32' x 94'; con., Jacob Myers & Son, Sansom and Juniper Sts.

Thirteenth St., s Ritner St., 17 two-sty brick dwells., 16' x 48'; con., Timothy Gallagher, 1727 South 18th St.

Front St., e s, n Loudon St., 4 two-sty brick dwells., 15' x 40'; own., Jno. J. Kelly, n w cor. Lehigh Ave. and 9th St.

Laventon Ave., ab. Oak Lane, three-sty brick dwell., 38' x 53'; con., H. S. Hunsburger, 37 North 7th St.

Thompson St., No. 5106, two-sty brick dwell., 16' x 42'; own., Edward Morris, 5111 Stiles St.

Knox St., w s, s Seymour St., 2 three-sty brick dwells., 16' x 47'; con., Herman C. Kuehn, 4927 Knox St.

Dyer St., Nos. 1658-60, 2 two-sty brick dwells., 16' x 50'; con., Murphy & Carr, 2018 Clementine St.

Greenway Ave., Nos. 7117-19, 2 two-sty brick dwells., 16' x 40'; own., G. R. Ellis, Greenway Ave. and 71st St.

Thirty-first St., e s, e Cumberland St., 28 two-sty brick dwells., sizes various; own. and con., James S. Stevenson, Diamond St. and Ridge Ave.

Fifty-third St. and Wynfield Ave., 2 three-sty brick dwells., 23' x 65'; own., A. L. Fretz, Oynwyd, Pa.

North Twenty-sixth St., No. 1243, three-sty brick dwell., 36' x 40'; also two-sty brick stable, 22' x 36'; con., Philip Halbach, Thompson St., s e cor. 26th St.

Roberts Ave., w Germantown Ave., three-sty brick dwell., 16' x 45'; con., Michael Conway, 1628 Howard St.

Linday St., n e cor. Windrim St., three-sty brick dwell., 42' x 54'; own., Lewis B. Bitters, Olney, Pa.

Seventeenth St., w s, n McKean St., 2 two-sty brick dwells., 16' x 46'; own., Matthew Kennedy, 626 South 19th St.

Thirty-first St., e s, w 31st St., s Huntingdon St., 10 two-sty brick dwells., 15' x 23'; own. and bld., W. F. Albrecht, 3008 Diamond St.

Germantown Ave., e s, nr. Rising Sun Lane, three-sty brick dwell., 29' x 60'; con., Geo. H. Blackmire, 1347 Somerset St.

Willard St., s w Germantown Ave., 24 brick and stone dwells., 15' x 53'; own. and bld., Wright & Prentzell, 2043 Westmoreland St.

Overbrook Ave., s s, e 64th St., 2 three-sty stone and brick dwells., 28' x 46'; own., Milton W. Young, Overbrook, Pa.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Huntingdon St., n e cor. 26th St., three-st'y brick
dwelling, 20' x 76'; own., Wm. Dewees, 1533 Clarence
St.Second St., e s, bel. Bennett St., 2 two-st'y brick
dwellings, 16' x 30'; own., Michael Fox, 716 Lehigh
Ave.Solty St., s s, w E St., 2 three-st'y brick dwellings,
16' x 52'; own., T. S. McVaugh.Scranton, Pa.—Two-st'y and basement frame dwelling;
\$8,500; own., M. J. Horan; con., Peck Mfg. Lumber
Co.; arch., Jno. A. Duckworth.St. Louis, Mo.—Five two-st'y dwellings, s s Castle-
man St., nr. Tower Grove; \$25,000; own., M. Eys-
sell.Two two-st'y dwellings, w s Clara St., bet. Page and
Minerva Sts.; \$6,000; own., E. Lucke.Five two-st'y dwellings, s s Castleman St., nr.
Thurmann St.; \$17,500; own., F. H. Gray & Co.Two-st'y dwelling, s s Laclede St., bet. Boyle and
Newstead Sts.; \$7,000; own., N. Brown.Four two-st'y dwellings, n s and s s Hartford St., w
Spring St.; \$10,000; own., R. Blow.Two two-st'y dwellings, w s Page St., bet. Academy
and Union Sts.; \$5,000; own., J. Frederick.Worcester, Mass.—Knowlton Ave., two-st'y frame
dwelling; own., A. Lawrence; day-work.Mount Ave., one-and-one-half-st'y frame dwelling;
own., Charles Leclair; day-work.Frederick St., three-st'y frame dwelling, 32' x 62';
own., Mrs. E. J. Carlson; con., H. G. Hadley.Pleasant St., one-and-one-half-st'y frame dwelling;
own., Wm. Robertson; con., C. A. Stone.

MERCANTILE.

Armada, Mich.—Two-st'y brick and stone bank-
building; \$10,000; own., B. C. Preston; arch., Strat-
ton & Baldwin, Detroit.Newton, Mass.—Station St., two-st'y brick business-
block, 40' x 52'; steam; \$10,000; own., C. F. Brown;
bid., George B. Hobbs, on premises.

STABLES.

Beverly, Mass.—Ober St., one-and-one-half-st'y
frame stable, 40' x 60', gambrel roof; \$5,500; own.,
W. D. Sohler; bid., Roberts & Hoare, Manchester;
arch., Andrews, Jaques & Rantoul, Boston.

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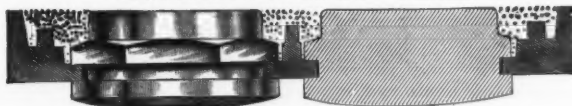
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(Stables Continued.)

Boston, Mass.—Congress St., nr. L St., Ward 14,
two-st'y frame stable, 30' x 40', flat roof; \$2,000;
own., L. G. Burnham & Co; bid., J. H. Proctor &
Co.Railroad St., nr. Willow St., Ward 23, frame
stable, 47' x 50' x 60'; \$3,000; own. and bid., W. S.
Mitchell.Brooklyn, N. Y.—Canton St., w s, 125' s Bolivar
St., three-st'y brick training-stable, 21' x 75', gravel
and copper roof; \$34,973; own., City of Brooklyn;
arch., Johnson & Helmle, 322 Rodney St.; bid., M.
Gibbons & Son, 318 Columbia St.Cincinnati, O.—Mears Ave., two-st'y frame stable,
32' x 118'; \$1,200; own., James Weber; con., Jacob
Brenner; arch., W. Duetschman.Frankford, Pa.—Ambler and Adams Sts., two-st'y
iron and brick stable, 40' x 57', galvanized-iron cor-
nice and tin roof; \$12,000; own., Weisbrod & Hess;
arch., A. C. Wagner, 516 Walnut St., Philadelphia.Jenkintown, Pa.—Two-st'y 1-eal bluestone and
terra-cotta stable, Spanish tile roof; own., Barclay
H. Warburton, Philadelphia; con., Doyle & Deak,
Philadelphia; arch., James H. Windrim, Philadel-
phia.Larchmont Manor, N. Y.—Two-st'y frame stable,
35' x 40'; own., Oswald Sanderson, 22 State St., New
York City; arch., Frank A. Moore, 123 East 23d St.,
New York City.Malden, Mass.—East Parkway, one-st'y frame
stable, 20' x 24'; \$700; own., J. G. Chandler, Deater
St.Russell Ct., frame stable, 16' x 20'; \$500; own. and
bid., F. F. Sullivan, 21 Brackenbury St.Montclair, N. J.—Stable; \$5,000; own., Harrison
Bros.; arch., Melville & Tucker, 48 Exchange Pl.,
New York City.New York, N. Y.—One Hundred and Forty-sixth
St., e 3d Ave., three-st'y brick stable, 24' x 98';
\$15,000; own., Geo. Maud, 622 East 145th St.; arch.,
M. J. Garvin.Oak Lane Station, Pa.—Two-st'y frame and brick
stable, 34' x 50', shingle roof; cost about \$5,000;
own., A. M. Deemer, Philadelphia; con., Livezey &
Rand, Betz Building, Philadelphia; arch., Yarnall
& Goforth, 14 South Broad St., Philadelphia.Philadelphia, Pa.—North Tenth St., No. 3150,
two-st'y brick stable, 30' x 60'; own., J. Sims Wil-
son, 1125 Brown St.Waid St., Nos. 30-35, stable; own., T. S. Mc-
Vaugh.Frankford Ave., rear, No. 4274, two-st'y brick
stable, 16' x 30'; own., Samuel Kenyon, 4272 Frank-
ford Ave.Fairhill St., No. 2602, two-st'y brick stable, 16' x
30'; con., Wm. I. Buckley, 514 West Huntingdon
St.Scranton, Pa.—Two-st'y and basement brick and
stone stable and carriage-house; \$7,500; own., Jno.
Jermyn; con., Conrad Schroeder; arch., John A.
Duckworth.Washington, D. C.—M St., N. W., rear, No. 1424,
two-st'y brick stable, 37' x 42'; \$2,000; own., J. H.
McKinney; bid., C. A. McKinney.

STORES.

Brooklyn, N. Y.—Evergreen Ave., s w cor. Wil-
loughby Ave., 2 four-st'y brick stores and dwellings,
20' x 29' x 55'; tin roof; \$12,000; own., H. Ahrens,
972 Willoughby Ave.; arch., F. G. Wilson, 432 Second
St.; bid., John Larson, 73d St. and 18th Ave.Even St., s e cor. Seigel St., three-st'y brick
store and tailor-shop, 47' 6" x 57' 6", asbestos roof;
\$10,000; own., C. Wuest, 185 Vernon Ave.; arch., J.
Hunerbein, 24 Jackson St., L. I. City.Chicago, Ill.—Anna Stanek, three-st'y brick store
and flats, 562 Francisco St.; \$10,000.Jacob Birch, three-st'y brick store and flats, 354
West North Ave.; \$10,000.Corning, Ia.—Two-st'y brick and stone store-build-
ing, 22' x 132'; steam; \$9,000; own., A. M. Begmer;
arch., Henry Voss, Omaha.Council Bluffs, Ia.—Seven-st'y brick, stone and
terra-cotta store-building, steel-construction, 40' x
99'; own., Robinson Bros.; arch., Henry Voss, Ware
Block, Omaha, Neb.; not let.

TENEMENT-HOUSES.

Boston, Mass.—Woodbury St., nr. Shawmut Ave.,
three-st'y six-apartment brick tenement, 27' x 48';
flat roofs, stores; \$3,000; own., Charles G. Way, 27
Motte St.; arch. and bid., Whidden & Co., 101 Milk
St.New York, N. Y.—Mott St., No. 191, six-st'y brick
tenement, 25' x 100'; \$30,000; own., Weil & Mayer,
35 Nassau St.; arch., Schneider & Herter, Bible
House.

BUILDING INTELLIGENCE.

(Tenement-Houses Continued.)

Monroe St., No. 144, six-st'y brick tenement, 23'
6" x 84'; \$28,000; own., Weil & Mayer; arch.,
Schneider & Herter.Essex St., No. 182, six-st'y flats, 27' x 88'; \$28,000;
own., Harris Cohen & Bro., Park Row and Baxter
St.; arch., Schneider & Herter.Philadelphia, Pa.—German St., No. 419, four-st'y
brick tenement, 21' x 136'; own., S. Frantz, 242
Catherine St.

WAREHOUSES.

Brooklyn, N. Y.—Flatbush Ave., Nos. 41-43, one-
st'y brick stor-house, 40' x 64', cement roof; \$12,500;
own., S. Firnski & Son, 70 Bowery; arch., J. G.
Glover, 186 Remsen St.

COMPETITIONS.

FOR Programmes of Competitions of Society of
Beaux-Arts Architects for 1896-97, see American
architect for October 17 and 24, 1896. t.f.

PROPOSALS.

Treasury Department, Office of the Supervising
Architect, Washington, D. C., December 30, 1896.
Sealed proposals will be received at this office until 2
o'clock P. M. on the 27th day of January, 1897, and
opened immediately thereafter, for all the labor and
materials required for the plumbing and gas-piping
for the United States Post-office building at Wash-
ington, D. C., in accordance with the drawings and
specification, copies of which may be had at this office
or at the office of the Superintendent at Washington,
D. C. Each bid must be accompanied by a certified
check for a sum not less than 2% of the amount of the
proposal. The right is reserved to reject any or all
bids and to waive any defect or informality in any
bid, should it be deemed in the interest of the Govern-
ment to do so. All bids received after the time
stated for opening will be returned to the bidders.
WM. MARTIN AIKEN, Supervising Architect. 1099

MUSEUM AND LIBRARY. [At Cairo, Egypt.]

MINISTRY OF PUBLIC WORKS.

ADJUDICATION FOR THE CONSTRUCTION OF THE
ARABIC MUSEUM AND KHEDIVIAL LIBRARY IN
CAIRO.The adjudication for the construction of the Arabic
Museum and Khedivial Library in Cairo which was
originally fixed for the 2d May, 1896, and afterwards
postponed to a later date, will definitely take place
on the 1st February, 1897, the former specifications
and documents holding good.Tenders for this work will be received at the offices
of the "Service Administratif" Ministry of Public
Works, Cairo, up to 12 noon, of the above date.Persons wishing to tender for this work can consult
the specifications and the conditions of the adjudica-
tion on all days, except Fridays and general holidays,
from 8 A. M. to 1 P. M., at the offices of the "Service
Administratif."Tenders received at the Ministry later than the
date mentioned above, as well as those that are not
in conformity with the form prescribed by the specifi-
cations, will be rejected.Each tender must be accompanied by a provisional
security deposit of L. E. 300, which will be kept in
the Egyptian Government Treasury until a decision
has been arrived at with regard to the adjudication.
These deposits will then be returned to the persons
whose tenders are not accepted, while the party to
whom the work is awarded, will on the signature of
the contract, increase the above deposit up to the
amount of the permanent deposit fixed by the specifi-
cations.The provisional deposit shall be paid either in cash
or in Egyptian bonds calculated at 10% below their
current price. No interest will be paid on cash
deposits, but the depositing party has a right to the
coupons due, when the deposit is in Egyptian bonds.The Ministry of Public Works reserves to itself the
right of not accepting any tender whatever, and can
accept any tender, though it may not be the lowest
made. 1099The sterling pound is worth L. E. 0.975, and the
French piece of 20 francs L. E. 0.770.

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✻ 1897 ✻

THE "AMERICAN ARCHITECT" will signalize the attainment of its majority and the entrance upon its twenty-second year of publication by announcing that an

INCREASE OF ILLUSTRATIONS

will be that portion of the year's programme which its subscribers will most welcome. These additional illustrations will be devoted largely to the topical exhibition of certain architectural motives.

The most important series of illustrations for which we have made provision is one which is to show, at large scale, the various architectural and decorative features of

THE CONGRESSIONAL LIBRARY.

It is believed, furthermore, that efficient steps have been taken to procure from American architects a fuller supply of drawings of the more interesting work now done throughout the country, which will make it unnecessary to publish so large an amount of country and suburban dwellings, which—although they form the bulk of the practice of most architects—become somewhat tiresome through too constant iteration.

THE demands made upon our space by matters of current interest, of which the precise character cannot be predetermined, make it both undesirable and dangerous to announce a programme for the text-matter which can have any of the "drawing" qualities of the prospectus of a popular magazine.

There must be finished, of course, the serial papers on "The United States Capitol," by Mr. Glenn Brown; on "Architectural Statics," by Mr. O. F. Semsch, and further portions of the papers on "Protestant Churches."

In the way of new matter our subscribers may expect the following, amongst other papers:—

"A Summer School Abroad." By PROF. E. B. HOMER, of the Massachusetts Institute of Technology: being an account of the trip made under his auspices by a score of students through the southern counties of England and the Valley of the Loire. Illustrated by numerous sketches and photographic reproductions.

"Quantities." MR. GEORGE ALEXANDER WRIGHT, a trained quantity-surveyor, has further information to give concerning the aid the quantity-surveyor can afford to architects in this country.

"The Work of Senor Tres-Guerras," a noted Spanish-American Architect, in Mexico. By MR. SYLVESTER BAXTER, with illustrations.

"The Garden of the Villa Lante," and other Italian gardens will be treated, with illustrations, by different writers.

"Pueblo Architecture," a series of illustrated papers by MR. COSMOS MINDELEFF, late of the Smithsonian Institution.

"Sculptured Memorials of Dead Architects" will consist mainly of illustrations of these memorials, with short biographical notes.

We question whether the necessity of recording matters of current interest will allow us to make use of even all of these few papers, or of others which are in preparation and might be mentioned.

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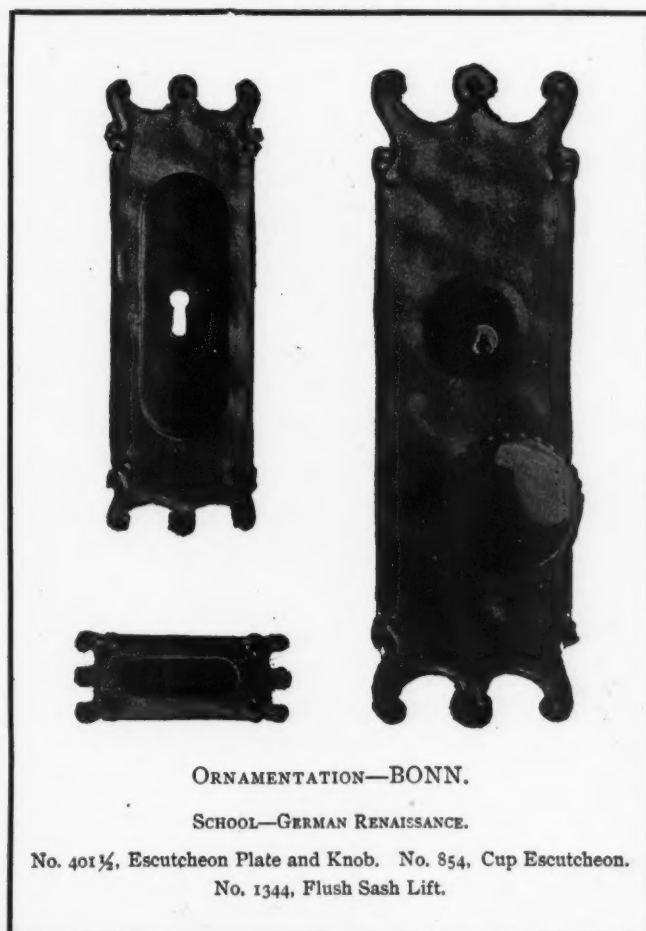
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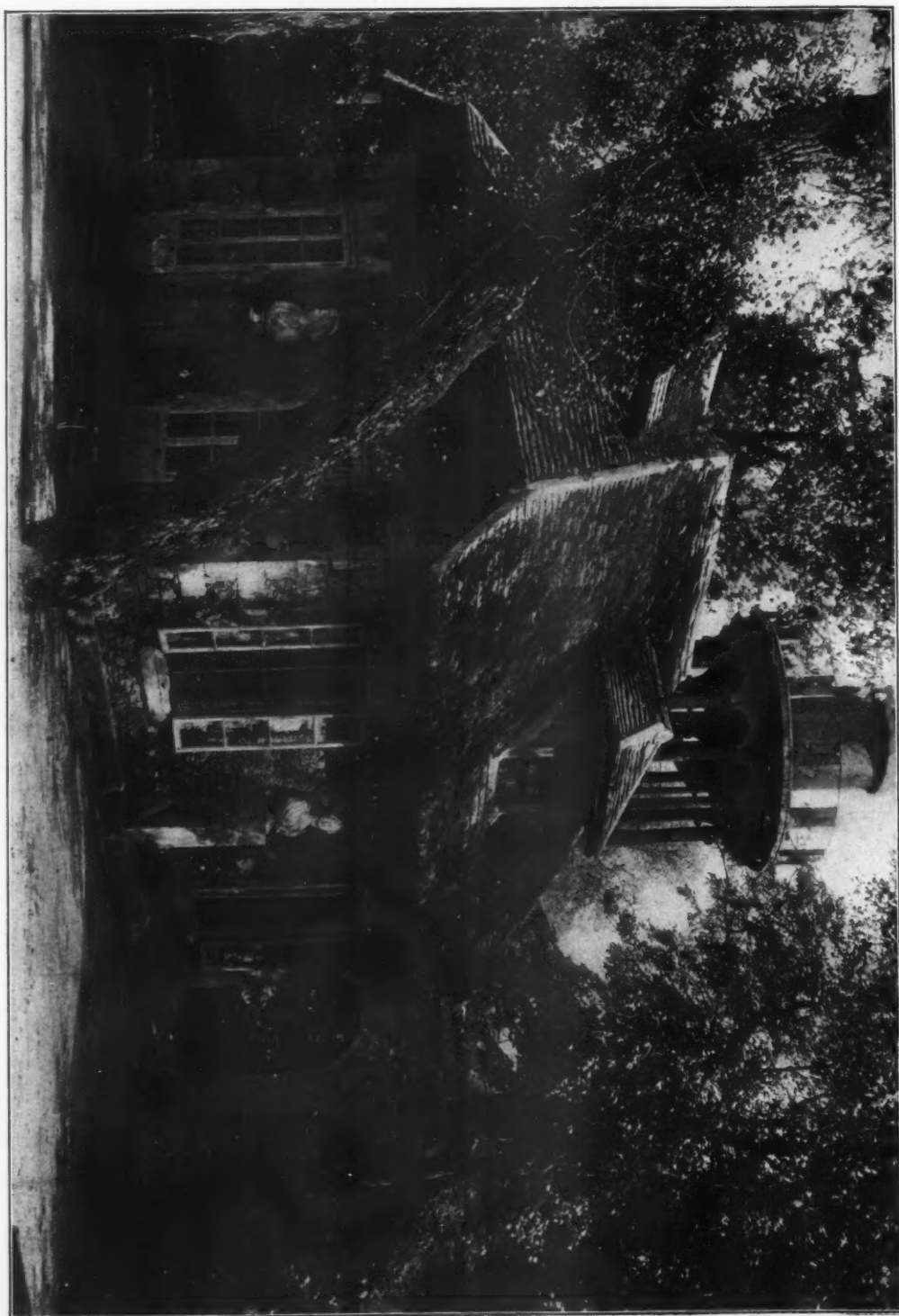
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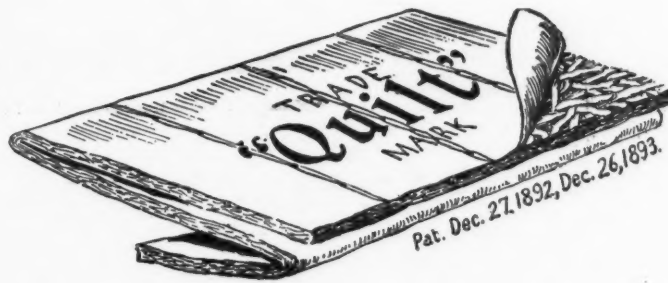
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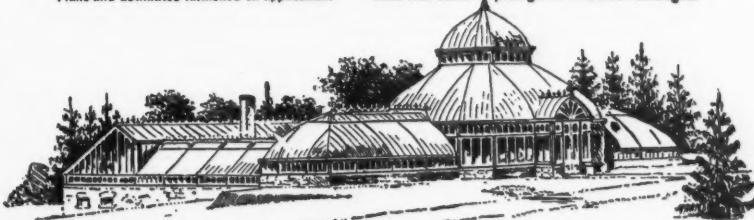
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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ADVANCE RUMORS.

Alameda, Cal.—A new High School may be built.

Arlington, Mass.—A large tract of land on Massachusetts Ave., nearly opposite Lake St., belonging to the John P. Squire estate, will be developed this spring under the direction of Wilbur S. Clarke. It will be divided into 147 lots, and 5 houses will be built at once.

Bangor, Me.—The Hon. A. D. Manson left \$10,000 to the city for a new Public Library building.

Beverly, Mass.—The Finance Committee of the City Council has recommended the purchase of a lot for a new library building.

Binghamton, N. Y.—The Broome County House, lately burned with a loss of about \$50,000, is to be rebuilt.

Boston, Mass.—Work is to begin at once tearing down the building at the southerly corner of Bromfield and Washington Sts., where the new Bromfield Building will be put up. It is to be a ten-story structure especially adapted for the jeweller's trade. Samuel Wells and R. H. Dana are the trustees and Winslow & Wetherell the architects.

The Angier Chemical Co. will build a four-story brick laboratory on Brighton Ave., Union Sq., Allston, on land bought from Dr. David Hunt.

Woodbury & Leighton have the contract for the piling and excavation for the head-house of the new South Terminal Station and work has begun.

Brunswick, Ga.—M. L. Gibson will spend \$10,000 on improvements to the Oglethorpe Hotel.

A stock company is to be organized to build an opera-house.

Buffalo, N. Y.—Green & Wicks have made plans for a two-story frame and stone church, to cost \$10,000, and to be built on Parkside Ave. for the Parkside Unitarian congregation.

The Common Council has ordered a 16-room

[Continued on page xv.]

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Worcester, Mass. - Park Ave., three-sty frame
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con., T. D. Roberts.

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Woodward; con., C. A. Stone.

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Boston, Mass. - Bedford St., cor. Kingston St.,
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273 Commonwealth Ave.; bid., James Smith; arch.,
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Hartford, Conn. - Five-sty brick block, 39' x 110';
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O. C. R. R.; bid., Maguire & Brennan, Providence,
R. I.

Jamaica Plain, two-sty buff-brick passenger-sta-
tion, 25' x 80', pitch roof; \$20,000; own., O. C. R. R.;
bid., Maguire & Brennan, Providence, R. I.

Forest Hills Station, two-sty buff-brick passenger-
station, 30' x 80', pitch roof; \$20,000; own., O. C. R.
R.; bid., Maguire & Brennan, Providence, R. I.

Newton, Mass. - Center Pl., one-sty stone railway-
station, 32' x 82', pitch roof, furnace; \$20,000; own.,
B. & A. R. R.; bid., Norcross Bros; arch., A. W.
Longfellow, Jr., Tremont Building, Boston.

WAREHOUSES.

Providence, R. I. - Mattheson St., three-sty brick
and iron warehouse, 62' x 64', flat roof, stoves;
\$40,000; own., E. E. Howard; bid., T. B. Ross &
Son; arch., Martin & Hall.

Somerville, Mass. - Grove St., three-sty brick stor-
age-warehouse, 55' x 80', flat roof; \$10,000; own., O.
G. Crocker, Winslow Ave.; arch., J. F. Eaton,
Boston; not let.

MISCELLANEOUS.

New Haven, Conn. - Congress Ave., No. 440, brick
building; \$20,000; own., Pasquale Volente; arch.,
George C. A. Brown.

New York, N. Y. - Two Hundred and Eighteenth
St., bet. 9th and 10th Aves., one-sty brick car-
house and offices, 195' x 500'; \$125,000; own., 3d
Ave. R. R. Co., 65th St. and 3d Ave.; arch., Isaac
A. Hopper.

COMPETITIONS.

FOR Programmes of Competitions of Society of
Beaux-Arts Architects for 1896-97, see *American
Architect* for October 17 and 24, 1896. t.f.

PROPOSALS.

CAST-IRON WATER-PIPE.

[At Boston, Mass.]

Proposals are wanted until January 20, for cast-
iron water-pipe, as follows: First contract - 625 tons
36-inch pipe, 505 tons 30-inch pipe, 540 tons 24-inch
pipe, 240 tons 16-inch pipe, 800 tons 12-inch pipe, 275
tons 8-inch pipe, 50 tons special castings. Second
contract - 625 tons 36-inch pipe, 505 tons 30-inch pipe,
635 tons 20-inch pipe, 550 tons 12-inch pipe, 700 tons 8-
inch pipe, 50 tons special castings. Plans, etc., at
office of City Engineer, City-hall. Address JOHN R.
MURPHY, Water Commissioner, as above. 1099

SCHOOL-HOUSE.

[At Upton, Mass.]

Proposals are wanted until January 27, for brick
High School-house. Plans at office of Robert Allen
Cook, Architect, 57 Prospect St., Milford, or as below.
Address A. P. WILLIAMS, Chairman of Committee
West Upton. 1100

PROPOSALS.

CAST-IRON WATER-PIPE.

[At Quincy, Mass.]

Proposals are wanted until January 21, for 17,580
feet of 24-inch cast-iron water-pipe, 175 pound, per
foot. Address E. W. BRANCH, Engineer Board of
Sewer Commissioners, as above. 1099

Treasury Department, Office of the Supervising
Architect, Washington, D. C., December 30, 1896.
Sealed proposals will be received at this office until 2
o'clock P. M. on the 27th day of January, 1897, and
opened immediately thereafter, for all the labor and
materials required for the plumbing and gas-piping for
the United States Post-office building at Wash-
ington, D. C., in accordance with the drawings and
specification, copies of which may be had at this office
or at the office of the Superintendent at Washington,
D. C. Each bid must be accompanied by a certified
check for a sum not less than 2% of the amount of the
proposal. The right is reserved to reject any or all
bids and to waive any defect or informality in any
bid, should it be deemed in the interest of the Govern-
ment to do so. All bids received after the time
stated for opening will be returned to the bidders.
WM. MARTIN AIKEN, Supervising Architect. 1099

MUSEUM AND LIBRARY.

[At Cairo, Egypt.]

MINISTRY OF PUBLIC WORKS.

ADJUDICATION FOR THE CONSTRUCTION OF THE
ARABIC MUSEUM AND KHEDIVIAL LIBRARY IN
CAIRO.

The adjudication for the construction of the Arabic
Museum and Khedivial Library in Cairo which was
originally fixed for the 2d May, 1896, and afterwards
postponed to a later date, will definitely take place
on the 1st February, 1897, the former specifications
and documents holding good.

Tenders for this work will be received at the offices
of the "Service Administratif" Ministry of Public
Works, Cairo, up to 12 noon, of the above date.

Persons wishing to tender for this work can consult
the specifications and the conditions of the adjudica-
tion on all days, except Fridays and general holidays,
from 8 A. M. to 1 P. M., at the offices of the "Service
Administratif."

Tenders received at the Ministry later than the
date mentioned above, as well as those that are not
in conformity with the form prescribed by the spec-
ifications, will be rejected.

Each tender must be accompanied by a provisional
security deposit of L. E. 300, which will be kept in
the Egyptian Government Treasury until a decision
has been arrived at with regard to the adjudication.
These deposits will then be returned to the persons
whose tenders are not accepted, while the party to
whom the work is awarded, will on the signature of
the contract, increase the above deposit up to the
amount of the permanent deposit fixed by the specifi-
cations.

The provisional deposit shall be paid either in cash
or in Egyptian bonds calculated at 10% below their
current price. No interest will be paid on cash
deposits, but the depositing party has a right to the
coupons due, when the deposit is in Egyptian bonds.

The Ministry of Public Works reserves to itself the
right of not accepting any tender whatever, and can
accept any tender, though it may not be the lowest
made. 1099

¹ The sterling pound is worth L. E. 0. 975, and the
French piece of 20 francs L. E. 0. 770.

✻ 1897 ✻

THE "AMERICAN ARCHITECT" will signalize the attainment of its majority and the entrance upon its twenty-second year of publication by announcing that an

INCREASE OF ILLUSTRATIONS

will be that portion of the year's programme which its subscribers will most welcome. These additional illustrations will be devoted largely to the topical exhibition of certain architectural motives.

The most important series of illustrations for which we have made provision is one which is to show, at large scale, the various architectural and decorative features of

THE CONGRESSIONAL LIBRARY.

It is believed, furthermore, that efficient steps have been taken to procure from American architects a fuller supply of drawings of the more interesting work now done throughout the country, which will make it unnecessary to publish so large an amount of country and suburban dwellings, which—although they form the bulk of the practice of most architects—become somewhat tiresome through too constant iteration.

THE demands made upon our space by matters of current interest, of which the precise character cannot be predetermined, make it both undesirable and dangerous to announce a programme for the text-matter which can have any of the "drawing" qualities of the prospectus of a popular magazine.

There must be finished, of course, the serial papers on "The United States Capitol," by Mr. Glenn Brown; on "Architectural Statics," by Mr. O. F. Semsch, and further portions of the papers on "Protestant Churches."

In the way of new matter our subscribers may expect the following, amongst other papers:—

"A Summer School Abroad." By PROF. E. B. HOMER, of the Massachusetts Institute of Technology: being an account of the trip made under his auspices by a score of students through the southern counties of England and the Valley of the Loire. Illustrated by numerous sketches and photographic reproductions.

"Quantities." MR. GEORGE ALEXANDER WRIGHT, a trained quantity-surveyor, has further information to give concerning the aid the quantity-surveyor can afford to architects in this country.

"The Work of Señor Tres-Guerras," a noted Spanish-American Architect, in Mexico. By MR. SYLVESTER BAXTER, with illustrations.

"The Garden of the Villa Lante," and other Italian gardens will be treated, with illustrations, by different writers.

"Pueblo Architecture," a series of illustrated papers by MR. COSMOS MINDELEFF, late of the Smithsonian Institution.

"Sculptured Memorials of Dead Architects" will consist mainly of illustrations of these memorials, with short biographical notes.

We question whether the necessity of recording matters of current interest will allow us to make use of even all of these few papers, or of others which are in preparation and might be mentioned.

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P. E. DENNIS, Architect.

Louisville, Ky., Dec. 3, 1893.

It has assisted us, at a moderate cost, in collecting a stock of publications which have assisted us greatly in the pursuit of our profession, and on which we rely a great deal for suggestions.

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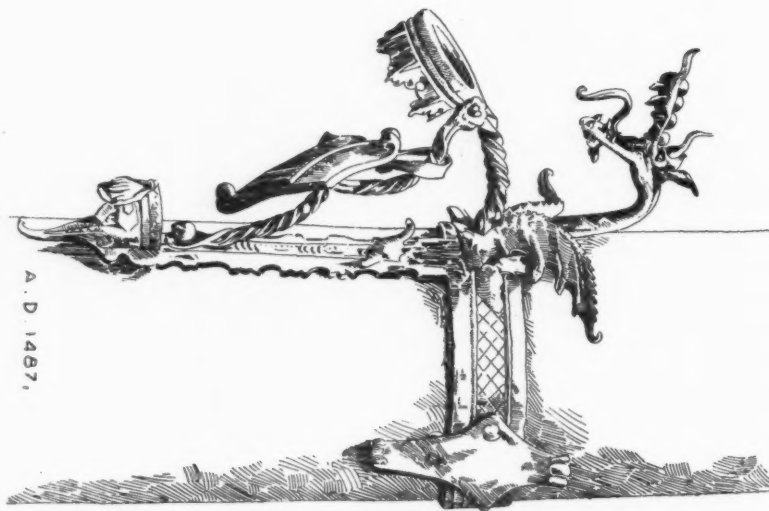
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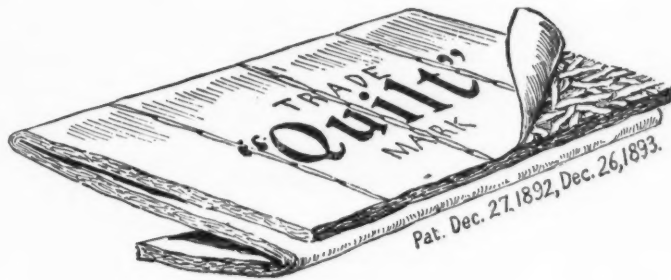
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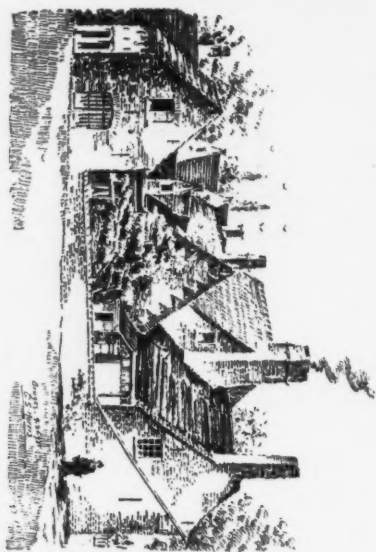
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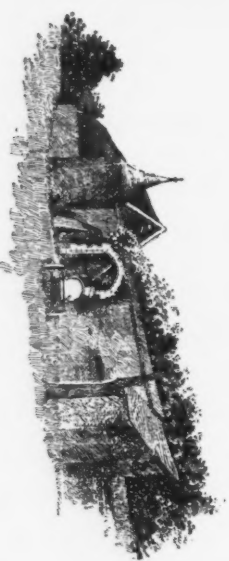
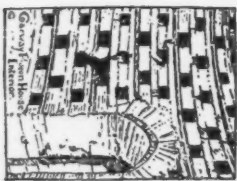
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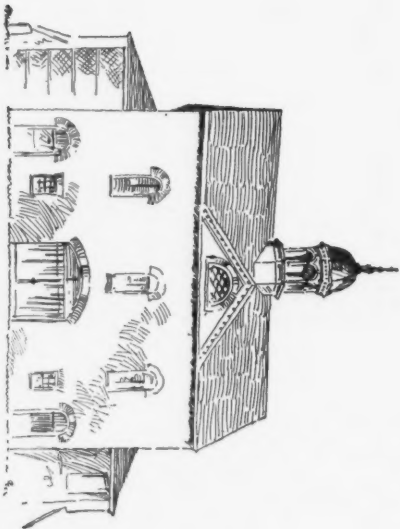
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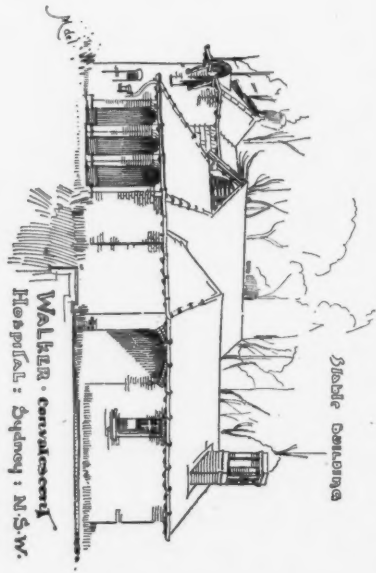
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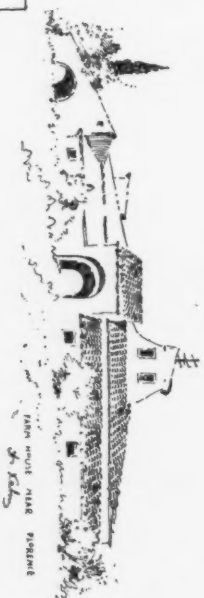
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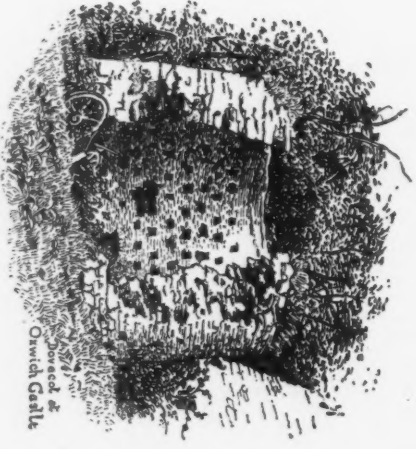
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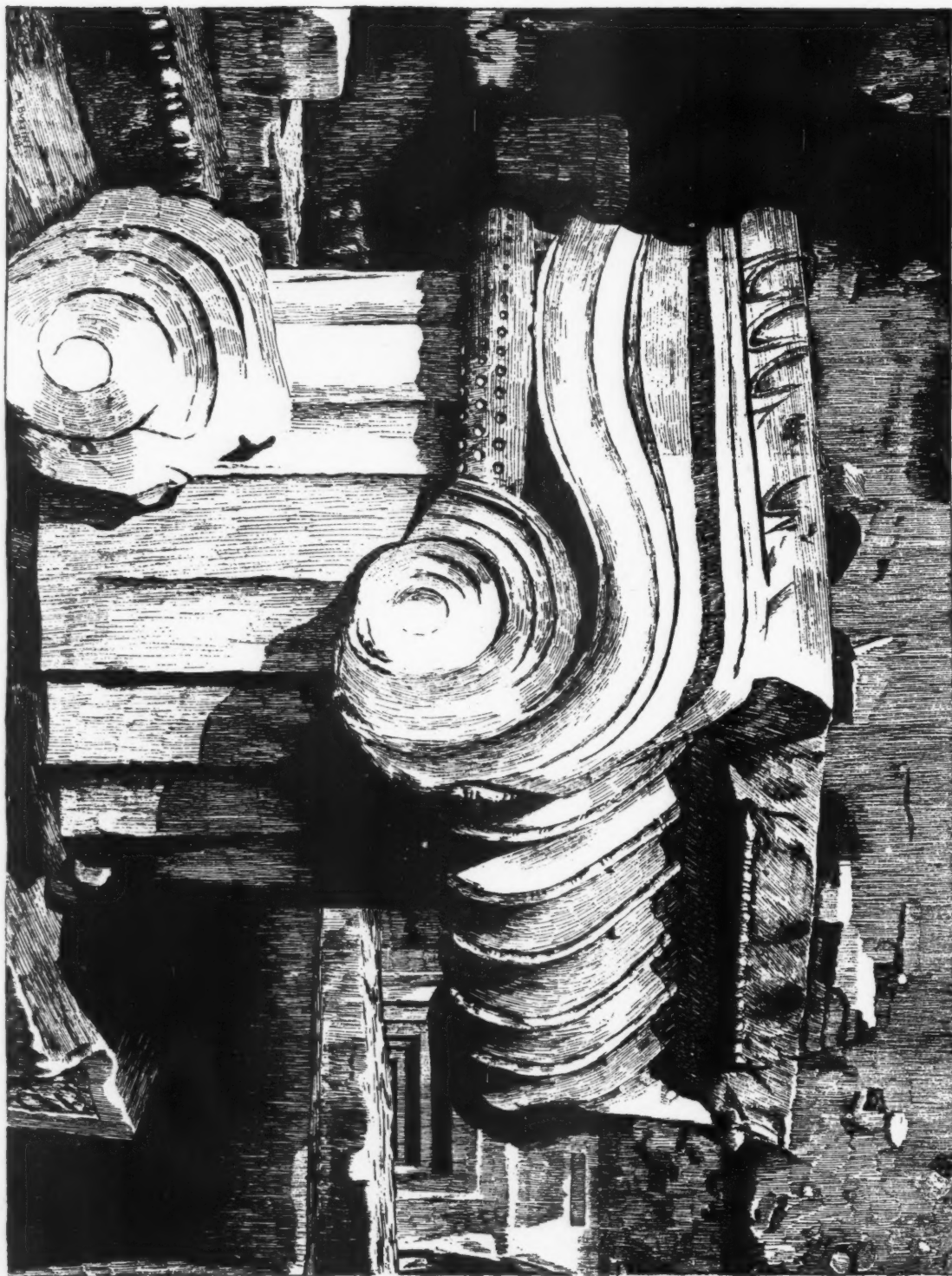
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Hancock St., n s, 325' w Ralph Ave., 5 two-st'y and
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Dodge, 186 Remsen St.

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A. Jange, 116 Central Ave.; arch., E. Meuschler, 111
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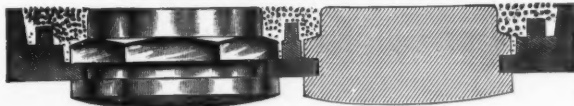
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Milvale Ave., two-st'y stone and brick dwelling;
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(Houses Continued.)

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St.

Providence, R. I. - Regent Ave., three-st'y frame
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139 Gallup St.; bld., Edward Coffin.

Atwells Ave., two-and-one-half-st'y frame dwelling,
25' x 36', pitch roof; \$5,000; own., Mary Ann Ryan,
747 Atwells Ave.; bld., C. E. Warren.

Setonket, L. I., N. Y. - Two-and-one-half-st'y frame
dwelling, 30' x 60'; \$10,000; own., Henry C. Tinker, 143
Liberty St., New York City; arch., Lamb & Rich,
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Somerville, Mass. - Cross and Fountain Sts., three-
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naces; \$6,000; own. and bld., Charles Calahan, on
premises.

Derby and Grant Sts., three-st'y frame dwelling, 24'
x 47', hip roof, stoves; own., W. R. Payne, 7 Ash
Ave.; bld., J. W. Chisholm.

Myrtle Ave., two-st'y frame dwelling, 25' x 40', pitch
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Austin St., two-and-one-half-st'y frame dwelling, 28'
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18 Waverly St.; bld., J. K. Wyman.

Highland Ave., two-st'y frame dwelling, 25' x 43',
pitch roof, furnace; \$5,000; own., Geo. S. Wyman,
14 Chauncey St.; bld., H. G. Tedford.

Hancock St., two-st'y frame dwelling, 20' x 43', pitch
roof, 2 furnaces; \$5,000; own., Percy Heckert, 76
Tremont St.; bld., Robert Bennett, premises.

St. Louis, Mo. - Two-st'y dwelling, n s Westminster
St., bet. Kingshighway and Lake St.; \$5,000; own.,
E. Manny.

Two two-st'y dwellings, e s Virginia St., bet. Sidney
and Shenandoah Sts.; \$5,000; own., Hy. Liebk.

Five two-st'y dwellings, n s Morgan St., bet. Kings-
highway and Clarendon St.; \$15,000; own., B. M.
Protz.

Two two-st'y dwellings, w s Jefferson St., bet.
Cherokee and Utah Sts.; \$9,000; own., Dr. H.
Hickmann.

Worcester, Mass. - Mason St., two-st'y frame
dwelling; own., D. Braney; day-work.

Blossom St., 3 three-st'y frame dwellings; own. and
con., George W. Houck.

Sherbrook Ave., two-st'y frame dwelling; own., P.
Christenson; con., E. D. Ward.

MERCANTILE BUILDINGS.

New Haven, Conn. - York St., No. 74-76, brick
building; \$25,000; own., L. Lavin; arch., George C.
A. Brown.

OFFICE-BUILDINGS.

Boston, Mass. - Washington St., cor. Bromfield St.,
Ward 7, ten-st'y brick and stone, mercantile and
office-building, 27' x 10' x 95', flat roof, steam; \$250,
000; own., Saml. Wells & R. H. Dana, Trustees;
bld., Geo. A. Fuller Construction Co., Chicago, Ill.;
arch., Winslow & Wetherell; not let.

Dudley St., five-st'y brick and stone block of
stores and offices, 95' x 74', pitch roof, steam; own.,
L. J. Bosdick, 28 Virginia St.; arch., Merritt P.
Morse, 67 Warren St.; not let.

New York, N. Y. - Broadway, Nos. 70-74, twenty-
st'y office-building, 74' 3" on Broadway and 57' 11"
on New St., x 116'; \$1,000,000; own., Geo. Crocker;
arch., Charles C. Haight, 111 Broadway; not let.

Eighty-second St., cor. Boulevard, two-st'y brick
offices and stores, 40' x 80'; \$45,000; own., Charles
T. Barney, Southampton, L. I.; arch., Wm. Strom.

Pine St., No. 35, three-st'y brick and stone office-
building, 24' x 76'; \$40,000; own., Union Assurance
Society, London, Eng., Hall & Henshaw, New York
Managers, 54 William St.; arch., Lamb & Rich, 35
Nassau St.

STABLES.

Boston, Mass. - Creighton St., nr. Sunnyside Ter-
race, Ward 22, one-st'y brick stable, 28' x 34', pitch
roof; \$1,500; own., Rt. Rev. J. J. Williams; bld.,
Wm. Tobin, 418 Centre St., Jamaica Plain.

North Harvard St., nr. Cambridge St., Ward 25,
frame stable, 30' x 20'; \$1,000; own., Charles Hamil-
ton, Adams St., Allston; bld., A. C. Ringer.

Longwood Ave., cor. Binney St., Ward 19, frame
stable, 15' x 33'; \$500; own., Frank G. Doar; bld.,
Fouhs & Wangler, 17 Mansur St.

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(Stables Continued.)

Burroughs St., No. 54, Ward 23, one-st'y frame stable, 50' x 37', pitch roof; \$5,000; own., C. S. Waldo, 102 Milk St.; bld., J. H. Burt & Co., Mattapan.

Chelsea, Mass.—Elenor St., frame stable, 22' x 28'; \$500; own., Annie M. Oakes, 62 Elenor St.

Medford, Mass.—Winchester St., two-st'y frame stable, 20' x 30', flat roof; \$600; own. and bld., Otto Olson, 14 Winchester St.

Newton, Mass.—Montvale Road, one-and-one-half-st'y frame stable, 30' x 30', pitch roof; \$3,500; own., George Walker, Montvale Road; bld., A. I. English & Son, Union St.; arch., Samuel J. Brown, Boston.

Cherry St., frame stable, 21' x 25'; \$500; own. and bld., John Littleback.

Ward St., one-and-one-half-st'y frame stable, 23' x 28', pitch roof; \$1,500; own., T. A. Ward; bld., C. H. and A. F. Ireland.

Philadelphia, Pa.—Mt. Pleasant Ave., No. 433, one-st'y brick stable, 16' x 20'; own., Wm. Fleming, same address.

Germantown Ave., rear, Nos. 5119-21, two-st'y brick stable, 17' x 55'; own., J. C. Arnold, 5119 Germantown Ave.

Lawnton Ave., w s s Oak Lane Station, two-st'y brick stable, 25' x 32'; own., George Mander, Oak Lane Station.

Worcester, Mass.—Cambridge St., two-st'y frame stable; own., M. J. Kane, day-work.

Summit Ave., one-and-one-half-st'y frame stable; own., Mrs. E. A. Field; con., I. A. Field & Son.

June St., one-and-one-half-st'y frame stable; own., W. Tyler.

STORES.

Brooklyn, N. Y.—Crescent St., n w cor. Hill St., 2 three-st'y frame stores and dwell., 25' x 55', tin roofs; \$9,000; own., E. W. Lawler, 16 Hill St.; arch., C. Infanger, 2590 Atlantic Ave.

Cooper St., n s 25' Central Ave., 4 three-st'y brick stores and dwell., 25' x 60', tin roofs; \$28,000; own., Elka Vidhoff, 150 Patchen Ave.; arch., H. Smith, 836 Broadway.

Irving Ave., n w cor. Ralph St., 4 three-st'y brick stores and dwell., 25' x 60', tin roofs; \$29,000; own., F. Duerkes, 279 Biecker St.; arch., C. Infanger, 2590 Atlantic Ave.

Cook St., s s 150' w Graham Ave., five-st'y brick store and dwell., 25' x 80', tin roof; \$12,000; own., Morris Cohen, 220 Henry St., New York City; arch., Hugo Smith, 836 Broadway.

Fifty-ninth St., n w cor. New Utrecht Ave., 2 three-st'y frame stores and dwell., one 20' x 60', one 41' and 13' x 60', tin roofs; \$8,500; own., E. Hahn, New Utrecht Ave., bet. 59th and 60th Sts.; arch., J. Lewis, 171 Fifteenth St.

Chicago, Ill.—A. McSorley, three-st'y brick store and flat, 1438 West Harrison St.; \$7,500.

F. Luth, two-st'y brick store and hall, 169-171 Center St.; \$9,000.

G. H. Bauer, two-st'y brick store, office and livery-barn, 1560-70 North Clark St.; \$12,000.

Geo. A. Fuller Co., nine-st'y building for the Fair, State and Adams Sts.; \$80,000.

St. Louis, Mo.—Three-st'y store and flat, w s Grand St., bet. Russell and Flora Sts.; \$7,800; own., A. Wachmann.

TENEMENT-HOUSES.

Boston, Mass.—Poplar St., Nos. 56, Ward 8, five-st'y brick tenement, 20' x 78', flat roof, stoves; \$20,000; own. and bld., Jos. Schoolman, 185 Chambers St.; arch., C. A. Halstrom.

Prince St., Nos. 54-56, Ward 6, five-st'y brick store and tenement, 30' x 34' x 94', flat roof, stoves; \$25,000; own., M. Glass, 108 Brighton St.; arch., Fredk. A. Norcross, Studio Building, not let.

Lambert St., Ward 21, four-st'y brick tenement of 8 flats, 63' x 50', flat roof; \$16,000; own., Isadore Rosenkrantz; arch., C. A. Russell, 46½ Warren St., not let.

Lawrence, Mass.—Lovell St., four-st'y 16-tenement-house, 32' x 88', flat roof, stoves; \$12,000; own., L. H. Downing, North Andover, Mass.; arch., Jas. E. Allen, 316 Essex St.; not let.

Lovell St., three-st'y store and tenement, 31' x 65', flat roof, furnace; \$7,000; own., Thomas McEnaney; arch., John A. Ashton.

Lynn, Mass.—Marion St., three-st'y frame store and flat, 32' x 67', flat roof, steam; \$6,000; own., Michael Cahill, 27 Kirtland St.; arch., George E. Smith.

New York, N. Y.—Second Ave., No. 53, six-st'y brick and stone store and tenement-building, 24' x 95'; \$40,000; own., August Ruff, 52 West 120th St.; arch., Kurtzer & Rohl, 3d Ave. and 7th St.

Prospect Ave., cor. Jennings St., 5 three-st'y frame flats; \$30,000; own. and bld., Niels Toelberg, Southern Boulevard and Home St.

Union Ave., n Dawson St., one four-st'y and 2 three-st'y brick flats, 28' x 50'; \$30,000; own., James F. Meehan, 410 Fifteenth St., Brooklyn.

Providence, R. I.—Charles St., three-st'y frame store and flat; \$5,000; own. and bld., James Pratt, Charles St.

St. Louis, Mo.—Two two-st'y tenements, e s 22d St., bet. North Market and Madison Sts.; \$5,000; own., Dr. W. A. Holscher.

WAREHOUSES.

New York, N. Y.—Twenty-third St., e 2d Ave., seven-st'y brick and stone warehouse, 50' x 100'; own. and bld., Herbert L. Mason, 391 Pleasant Ave.; arch., Neville & Bagge, 217 West 125th St.

BUILDING INTELLIGENCE.

MISCELLANEOUS.

Cincinnati, O.—Central Ave., cor. Kindel St., two-st'y brick feed-house, 60' x 90'; \$6,000; own., Joseph L. Wolf; con., J. J. Rice.

Fall River, Mass.—Highland St., four-st'y brick bldg., 37' x 38' with L 38' x 76', for Old People's Home, flat roof, steam; \$25,000; own., Old People's Home Association; bld., John Crowe & J. M. Darling; arch., C. H. Farnham.

Providence, R. I.—Globe St., one-and-one-half-st'y iron building for laundry; \$25,000; and one-and-one-half-st'y brick and iron pattern-shop; \$15,000; own., Theodore H. Colvin; bld., Hartwell, Williams & Kingston; arch., F. J. Sawtelle.

COMPETITIONS.

SOCIETY OF BEAUX-ARTS ARCHITECTS YEAR 1897.

A GOVERNOR'S HOUSE.

[PROGRAMME A.]

COMPETITION NO. 2.

The Committee on Education proposes as a subject for competition, "A Governor's House in a State Capital."

The building is to be situated on a plot having a frontage on two parallel avenues of 300 feet and a depth between avenues of 400 feet.

The State Apartments and Offices of the Governor are to face one avenue; his dwelling and private apartment, the other avenue; while the main staircase and connecting corridors will occupy the space between.

The building must be dignified and impressive, but not too severe. The State facade, enriched by appropriate sculpture and ornament, is to consist of ground-floor, main story and attic. The ground-floor is to be a few feet above level of grade. The main story may be expressed by an architectural order either Ionic or Corinthian.

The building should be constructed of stone or marble.

The length of the State facade should be about 200 feet. The dwelling front may be less. A porte-cochère driveway may run through the central corps of the building from side to side under the main staircase, or a covered carriage porch or hood may be provided.

REQUIREMENTS.

Ground-floor; State Department contains: Large vaulted vestibule; Governor's suite, consisting of: Ante-room, Public room, Private room, Vault, Toilet and Stenographer's room; secondary staircase; Lieutenant-Governor's suite, similar to Governor's. A large staircase leading down to the porte-cochère driveway or carriage entrance and up to the State apartments on main floor. Ample corridors to connect the State and Dwelling sections of building.

Dwelling contains: Vestibule, Reception, Drawing and Smoking rooms, Library, Dining-room and Conservatory for flowers. Staircases to floors above and below.

Main Floor; State Department contains: Grand State-room for Governor's receptions, barquets, etc., about 40' x 120', with vaulted ceiling about 40' high; Retiring and Service rooms adjoining. Secondary Staircases continued to next floor. Ample Corridors.

Dwelling contains: Chambers, Dressing-rooms and Bath-rooms arranged in suite.

Sketches Required: Students intending to compete are required to send on or before January 30th, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following named four sketches on tracing-paper: One plan of ground-floor and grounds, and one plan of main floor at a scale of 1-32nd to the foot. Elevation of State Department Facade and section through Grand Staircase and State Reception-room at a scale of 1-16th to the foot.

Finished Drawings Required: Plan of ground-floor and grounds laid out with appropriate Drives, Gates, Paths, Gate-keepers' Shelters, Fountains, Statues, Fountains, etc., and plan of main floor at a scale of 1-16th to the foot. Elevation of State Department Facade and Section through Grand Staircase and State Reception-room at a scale of 1/2 to the foot.

The drawings are to be rendered in water-color, mounted on stretchers and forwarded on or before the 15th of April, '97, to W. S. Budworth & Son, 424 West 52d Street, New York City, expressage prepaid. (Signed) EDWARD L. TILTON, Chairman.

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, January 15, 1897.

Dates of following competitions for the year 1897:—

Programmes will be issued April 15, 1897, October 15, 1897.

Drawings will be rendered June 30, 1897, January 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*.

NOTE.—This competition is restricted to students having obtained a medal, one first, or two second mentions in any of the competitions held heretofore, and to all students of any of the Colleges.

The Committee on Education will make exceptions in favor of students wishing to enter a competition in this class upon application from the student, endorsed by his Professor, to the effect that the student is capable of doing the work in this class advantageously.

COMPETITIONS.

A SMALL CITY MARKET.

[PROGRAMME B.]

COMPETITION NO. 2.

The Committee on Education proposes as a subject for competition, "A Small City Market."

This one-story structure measuring 200 feet by 200 feet is built in the middle of a large square. A paved space about 60 feet by 60 feet in the middle of building is uncovered like a Roman Atrium and has a fountain in the centre surmounted by a bronze memorial statue. The remainder of the space is for the accommodation of the market-stalls, and will be covered by a tiled roof on light trusses; these are to be supported by masonry piers with or without connecting arches. Skylights are to be provided for lighting and ventilation.

A main entrance at the centre of each of the four facades is to be an arch of 14 feet span accentuated by Roman Doric columns, pilasters and impostes. Driveways 14 feet in width run from these entrances to the central Atrium.

Sketches Required: Students intending to compete are required to send, on or before January 30th, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three sketches on tracing-paper: Plan at a scale of 1-32nd to the foot; Elevation and Section at a scale of 1-16th to the foot.

Finished Drawings Required: Plan and Section, at a scale of 1-16th to the foot. Elevation at the scale of 1/2 to the foot. Details of the Doric order used, at one-quarter the full size.

The detail drawing is to have the shadows properly cast and to be washed with India ink. The other drawings may be rendered in water-color or India ink at student's option.

The drawings are to be mounted on stretchers and forwarded on or before April 15, 1897, to W. S. Budworth & Son, 424 West 52d Street, New York City, expressage prepaid. (Signed) EDWARD L. TILTON, Chairman.

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, January 15, 1897.

Dates of following competitions for the year 1897:—

Programmes will be issued April 15, 1897, October 15, 1897.

Drawings will be rendered June 30, 1897, January 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*.

NOTE.—This competition is open to all students of architecture, conditions of judgment and jury to be arranged by the Committee.

PROPOSALS.

HOSPITAL BUILDINGS.

[At New York, N. Y.]

Proposals are wanted until January 26, for boiler and laundry house, etc., at Bellevue Hospital. Also on January 27, for pavilion for erysipelas cases, also for pavilion for isolated cases. Address SILAS C. CROFT, Pres. Commrs. Dept. of Public Charities, as above. 1100

Treasury Department, Office Supervising Architect, Washington, D. C., January 13, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 24 day of February, 1897, and opened immediately thereafter, for all the labor and materials required for miscellaneous changes in and an extension to the United States Court-house and Post-office at Los Angeles, Cal., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian, Los Angeles, Cal. Each bid must be accompanied by a certified check for a sum not less than 1% of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Bids received after the time stated will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1101

HIGH-SCHOOL HOUSE.

[At Melrose, Mass.]

Proposals are wanted until February 1, for high-school building on Main St. Plans, etc., at office of Tristram Griffin, Architect, 114 State St., Boston. Address R. P. BARRY, Chairman of Building Committee, 32 India St., Boston. 1101

OFFICERS' QUARTERS.

[At Fort Hamilton, N. Y.]

Proposals are wanted until February 12, for three double sets of non-commissioned staff officers' quarters. Address LIEUT. T. R. ADAMS, Q. M., as above. 1101

COURT-HOUSE, ETC.

[At Fort Wayne, Ind.]

Proposals are wanted until February 25, for Allen County Court-house and power station. Plans, etc., at office of B. S. Tolan, Architect, or at office of County Auditor. Address BOARD OF COMMISSIONERS OF THE COUNTY OF ALLEN, as above. 1103

SCHOOL-HOUSE.

[At Upton, Mass.]

Proposals are wanted until January 27, for brick High School-house. Plans at office of Robert Allen Cook, Architect, 87 Prospect St., Milford, or as below. Address A. P. WILLIAMS, Chairman of Committee West Upton. 1100

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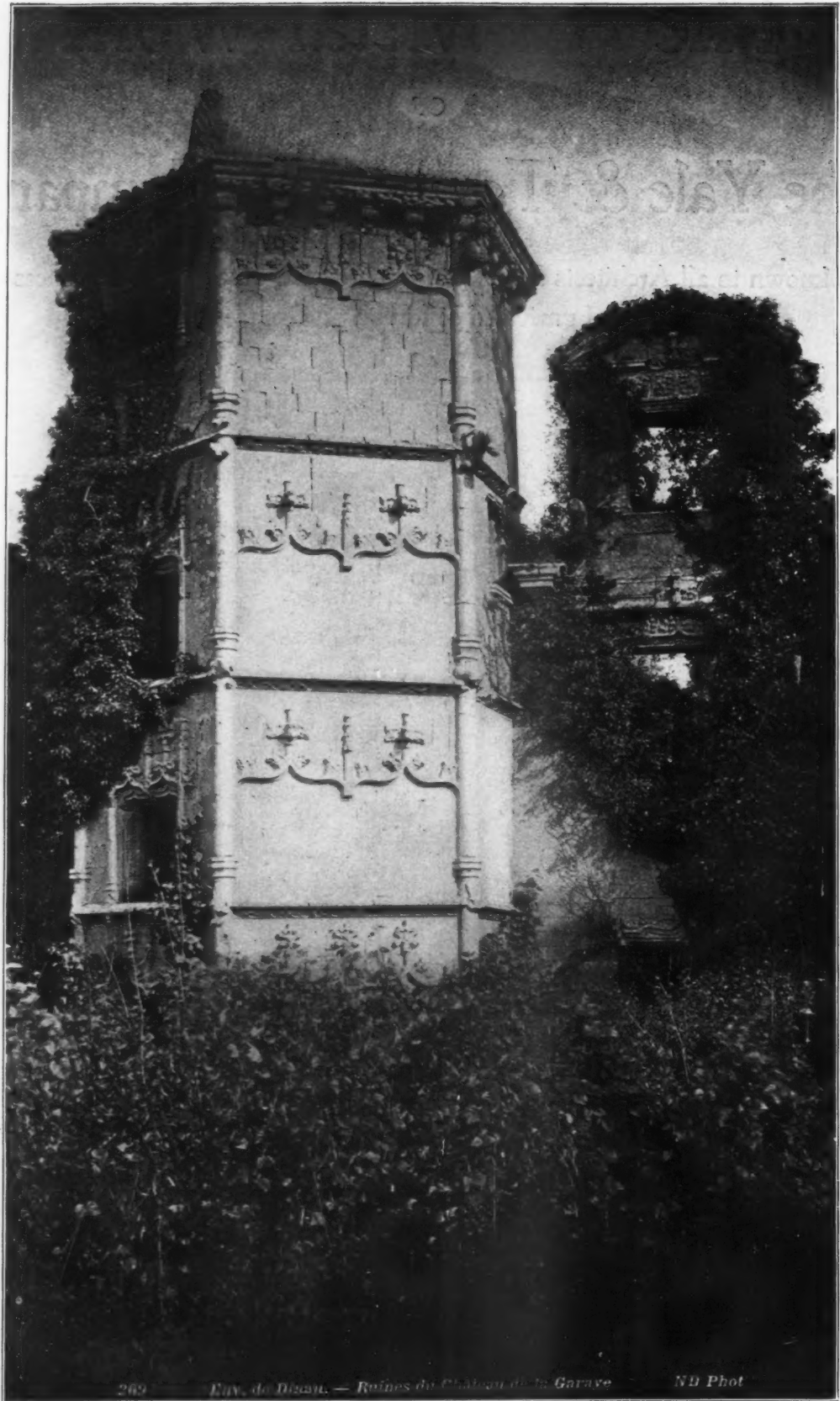
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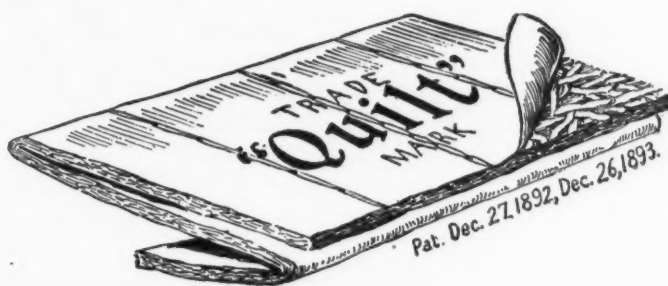


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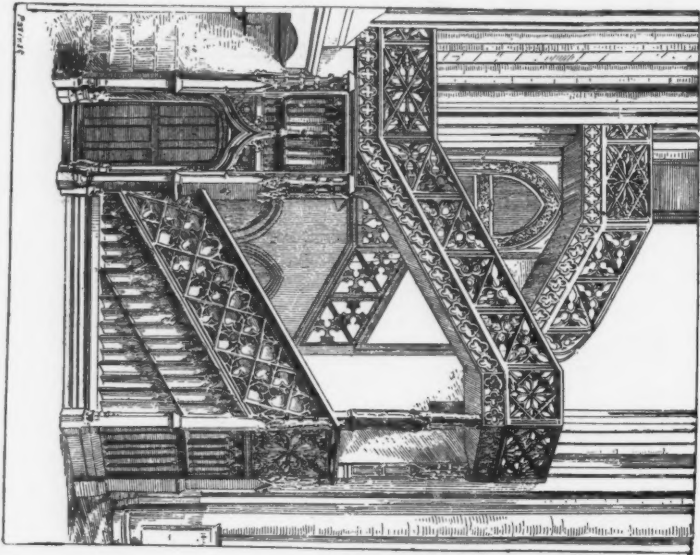
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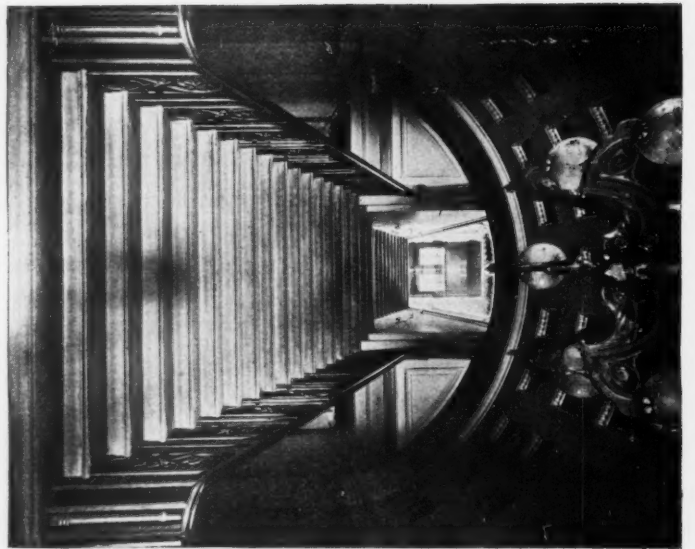
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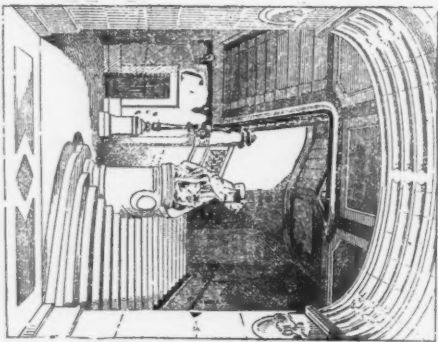
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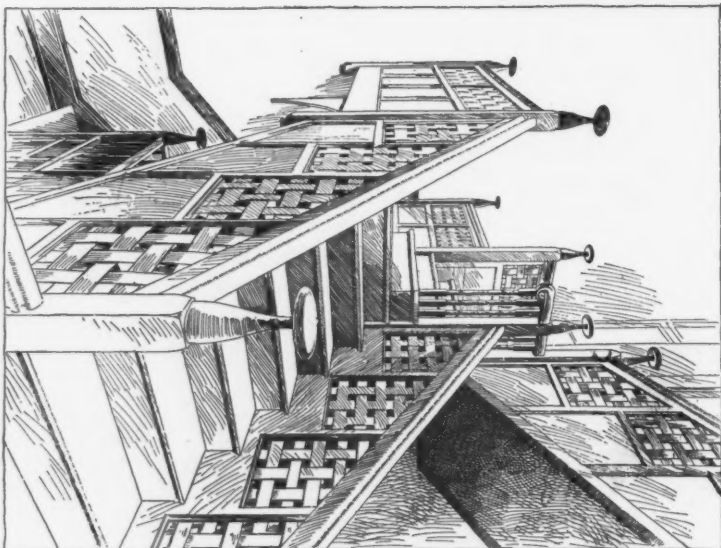
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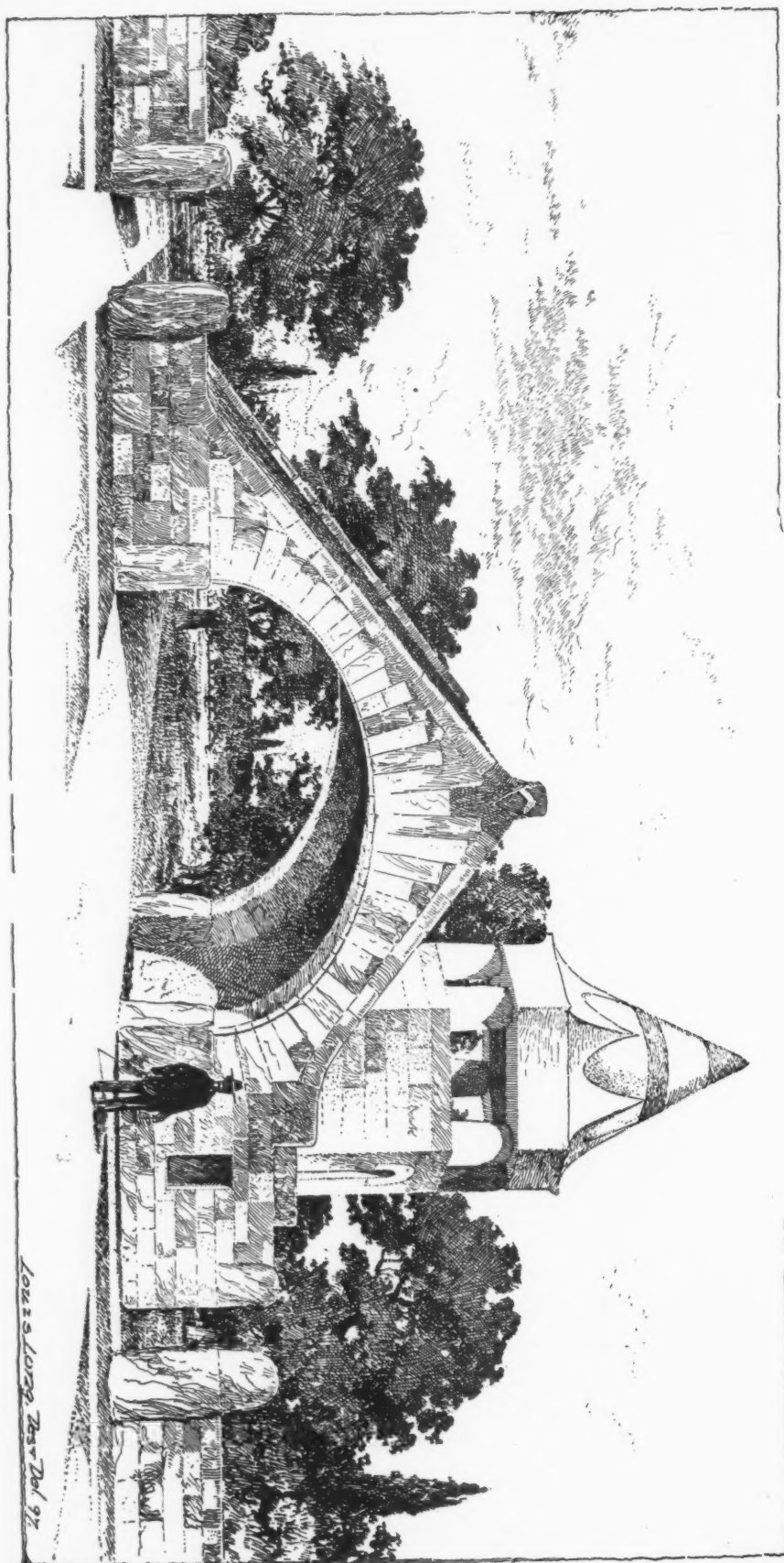
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BUILDING INTELLIGENCE.

(Houses Continued.)

Lancaster, Pa. - Brick and stone-dwell.; cost about
\$12,000; own, Prof. J. C. Bowman; arch., C. Emien
Urban.Malden, Mass. - Hawthorne St., two-and-one-half-
story frame dwell., 30' x 43', pitch roof, furnace;
\$8,500; own, E. H. Wiggins; arch., C. T. & D. K.
McFarland, Boston; day-work.Medford, Mass. - Intervale St., two-and-one-half-
story frame dwell., 27' x 43', pitch roof, furnace; \$6,
000; own, J. S. Fonger, 16 Pembroke St.New Bedford, Mass. - Purchase St., two-and-one-
half-story frame dwell., 48' x 50', pitch roof, furnace;
\$7,000; own, D. H. Walte; arch., C. Hammond &
S. n.Arnold St., two-and-one-half-story frame dwell.,
39' x 43', pitch roof, furnace; \$8,000; own, H. M.
Pierce; bld., Z. W. Peterson.New Brighton, Pa. - Two-story brick and stone
dwell., 50' x 60', slate roof; \$12,000; arch., F. A.
Clarke, Minneapolis, Minn.; own, E. E. Pierce.Newton, Mass. - Newbury St., two-story frame
dwell., 39' x 40', pitch roof, furnace; \$6,000; own
and bld., Bowering & White, on premises.Commonwealth Ave., two-story frame dwell., 34' x
40', pitch roof, furnace; \$7,500; own and bld., F.
W. Smith, premises.Pawtucket, R. I. - Underwood St., two-and-one-
half-story frame dwell., 36' x 50', pitch roof; \$5,000;
own, C. H. Lum; arch., A. H. Hume, Music-hall
Building.Philadelphia, Pa. - Spring Garden St., n s bet.
34th and 35th Sts., 3 Pompeian brick dwell.; arch.,
H. E. Flower, 1215 Filbert St.Reed St., n e cor. 32d St., 17 two-story brick dwell.,
16' x 61'; own, Edwin C. Freeman, 241 South 5th
St.Prescott St., n s, e 50th St., 5 two-story brick
dwell., 15' x 40'; own, Timothy Maloney, 4635
Lancaster Ave.Gresham Ave., cor. Carpenter St., three-story brick
dwell., 40' x 26'; own, Sam'l Harting, 125 East
Washington Lane; own, E. S. Jackson; arch.,
Horace Trumbauer, 310 Chestnut St.Centre St., cor. Wilson St., two-story brick dwell.,
15' x 50'; own, Richard Benner, 5903 Magnolia
Ave.Thirteenth St., w s, s Ritzer St., 17 two-story brick
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and Arrott Sts.Moore St., s e cor. 21st St., three-story brick dwell.;
own, J. Sweeney, 1727 Ward St.
Berks and Thirty-second Sts., 2 three-story brick
and stone dwell., 25' x 80'; cost about \$10,000 each;
own, Isaac Blum, 1619 North 19th St.Stella Ave., both sides, bet. Amber St. and Tren-
ton Ave., 66 two-story brick dwell., 18' x 31'; cost
almost \$100,000; own, Jno. J. Roney; own, Edward
J. Gilroy.Princeton, N. J. - Three-story and basement brick
and stone dwell., 40' x 60', tile roof; own, Chas.
Stephen; arch., J. de Neau, Rosemont, Pa.Providence, R. I. - Hamburg Ave., two-story frame
dwell., 25' x 36', pitch roof; \$5,000; own, James
Dwyer, Hamburg Ave.; bld., A. K. Stewart.Ohio Ave., two-and-one-half-story frame dwell., 26'
x 50', pitch roof, furnace; \$5,000; own, M. L. Robin-
son, 207 Ohio Ave.; bld., John Candelet.
Atwell's Ave., two-and-one-half-story frame dwell.
and dwell., 25' x 38', pitch roof, furnace; \$5,000;
own, Owen McKusker, 331 Atwell's Ave.; bld., A.
Mungiven.Shelburne Falls, Mass. - Two-and-one-half-story
frame dwell., 45' x 50', pitch roof, furnace; \$6,000;
own, Mrs. H. McCloud; arch., Curtius G. Page,
Northampton.Somerville, Mass. - Browning Road, two-story frame
dwell., 30' x 30', hip roof, furnace; \$6,000; own,
Walter S. Sawyer, 16 Browning Road; bld., L. E.
Hutchinson; arch., Prescott & Sidebottom, Boston.
Summer St., two-story frame dwell., 25' x 25', pitch
roof, furnace; \$6,000; own and bld., B. A. Rice, 56
Willow Ave.Waterman St., three-story frame dwell., 26' x 26',
flat roof, stoves; \$6,200; own and bld., W. F. Cald-
well, premises.St. Louis, Mo. - Three-story store and dwell., s s
Olive St., bet. Boyle and Newstead St.; \$6,000; own,
W. Ritter.Two-story dwell., n s Wyoming St., bet. Lemp and
Missouri; \$5,000; own, Concordia Inv. Co.Two-story dwell., n s Cates St., bet. Goodfellow and
Hamilton Sts.; \$6,500; own, G. P. Whitlaw.Two-story dwell., s s Fairmont St., bet. Clarendon
and Union Sts.; \$5,000; own, J. A. Northstine.
Six two-story dwell., n s Terry St., bet. Euclid St.
and King's Highway; \$21,000; own, Norwood Im-
provement Co.Three two-story dwell., e s Wagoner Pl., bet.
North Market and Easton Sts.; \$10,500; own, Nor-
wood Improvement Co.Two-story dwell., n s Morgan St., w Academy St.;
\$6,000; own, B. M. Proets.Remodelling dwell., 2225 Park St.; \$5,000; own,
C. Cramer & G. Koehler.Three two-story dwell., s s Park St., bet. Compton
and Louisiana Sts.; \$9,000; own, B. Hastings.Two two-story dwell., s s Park St., bet. Louisiana
and Theresa Sts.; \$6,000; B. Hastings.Two-story dwell., s s Westminster Pl., bet. King's
Highway and Lake St.; \$7,000; own, S. Gale.Two-story dwell., s s Kensington St., bet. Academy
and Union St.; \$8,000; own, Johnson & Bower.Waltham, Mass. - Banks St., two-and-one-half-story
frame dwell., 35' x 43', pitch roof, hot water; \$5,000;
own, H. A. Polley; bld., Geo. Geoffrion & Cole;
arch., Alonzo D. Wright, Boston.Worcester, Mass. - Denmark St., three-story frame
dwell.; own and con., S. B. Lord.West Boylston St., two-story frame dwell.; own
and con., G. W. Eames.Lisbon St., two-story frame dwell.; own and con.,
M. L. & L. N. Hall.Southgate St., three-story frame dwell.; own and
con., J. Tetresault.Mason St., two-story frame dwell.; own, D. Braney;
day work.

MERCANTILE BUILDINGS.

Boston, Mass. - Bedford and Kingston Sts., three-
story brick block, 60' x 50' x 28', flat roof, steam; \$22,
000; own, Thos. E. Proctor; bld., James Smith;
arch., Winslow & Wetherell.Fitchburg, Mass. - Main St., five-story brick, stone
and iron bldg., 80' x 100', composition roof, steam;
\$100,000; own, Iver Johnson Co.; con., Webb
Granite & Construction Co., Worcester; arch.,
Barker & Nourse, Worcester.Lenox, Mass. - Two-and-one-half-story frame block,
50' x 50', pitch roof, steam; \$10,000; own, James
Struthers; bld., C. D. Kinney, New Haven, Conn.;
arch., Rathbun & Harding.

BUILDING INTELLIGENCE.

OFFICE-BUILDINGS.

Philadelphia, Pa. - Filbert St., n e cor. 11th St.,
six-story basement and attic brick, iron, granite and
terra-cotta Bell Telephone Co.'s office-building, 55'
x 90'; cost from \$500,000 to \$700,000; con., Charles
McCauley, 10 North 11th St. Above building will
have a wing north from Filbert St.

STABLES.

Camden, N. J. - Division St., No. 526 (rear) two-story
brick stable, 18' x 28', own, Jno. J. Welsh.

STORES.

Chicago, Ill. - D. D. Webster, 2 two-story brick
stores, 575 577 West Madison St.; \$20,000.
Anderson & Gellin, three-story brick store-building,
619-621 Sixty-sixth St.; \$22,000.Mary Jordan, three three-story stores and flats,
6651-6653 Wentworth Ave.; \$20,000.

WAREHOUSES.

Cincinnati, O. - Livingston St., three-story brick
warehouse, 65' x 103'; own, The M. Werk Co.; con.,
H. Weist & Son; arch., A. Kunz, Jr.; \$10,000.Springfield, Mass. - Boston Road, three-story brick
and iron storage building, 70' x 90', flat roof, steam;
\$25,000; own, Highland Brewing Co.; arch., Clough
& Reid, Holyoke; not let.

MISCELLANEOUS.

New Haven, Conn. - Five-story and basement iron
and brick brewery, 60' x 75', composition roof; \$65,-
000; arch., Otto C. Wolf, 1315 Arch St., Philadelphia.Philadelphia, Pa. - Woodland Ave., n w cor. 63d
St., three-story brick hall, 28' x 100'; con., Jno. J.
Downey, 6303 Woodland Ave.Springfield, Mass. - Howard St., two-and-one-half-
story brick home, 40' x 62' and 23' x 25', pitch roof;
\$10,000; own, Women's Christian Association; bld.,
J. S. Sanderson; arch., Guy Kirkham.St. Louis, Mo. - Two-story ice-plant, e s 10th St., bet.
Sidney and Lynch Sts.; \$10,000; own, Green Tree
Brewery.

COMPETITIONS.

FOR Programmes of Competitions of Society of
Beaux-Arts Architects for 1897, see American
Architect for January 23, 1897. t.f.

PROPOSALS.

BATH-HOUSE.

[At Boston, Mass.]

Separate proposals are wanted until February
10, for bath-house on Dover St., for heating
and ventilating system, and for plumbing system for
same. Plans, etc., at office of Peabody & Stearns, 53
State St. Address F. B. BOGAN, Superintendent of
Public Buildings, Court Sq., as above. 1102

PLUMBING SYSTEM.

[At Boston, Mass.]

Proposals are wanted until February 1, for
plumbing system in Mayhew School-house, cor.
of Chambers and Poplar Sts. Plans, etc., at office of
J. L. Faxon, Architect, 7 Exchange Pl. Address
SECRETARY OF SCHOOL COMMITTEE, Mason St.,
as above. 1101

SUBWAY SECTION.

[At Boston, Mass.]

Proposals are wanted until February 24, for
section 9, two and three track subway and station in
Washington St., from Hanover St. to Adams Sq.
Address BOSTON TRANSIT COMMISSION, 20
Beacon St., as above. 1104

HEATING AND VENTILATING.

[At Boston, Mass.]

Proposals are wanted until February 1, for heat-
ing and ventilating plant in Grammar School-house,
cor. Adams and King Sts., Dorchester District. Plans,
etc., at office of T. M. Clark, Architect, 22 Congress
St. Address SECRETARY OF SCHOOL COMMIT-
TEE, Mason St., as above. 1101

DORMITORIES, ETC.

[At New York, N. Y.]

Proposals are wanted until February 3, for addi-
tion to boiler-house, for 6 two-story pavilion dormi-
tories, Almshouse Division, for central kitchen,
laundry and dormitory building and for alterations to
2 buildings at Blackwell's Island. Address DEPART-

PROPOSALS.	PROPOSALS.	PROPOSALS.
MENT OF PUBLIC CHARITIES, 63 Third Ave., as above. 1101	Tristram Griffin, Architect, 114 State St., Boston. Address R. F. BARRY, Chairman of Building Committee, 32 India St., Boston. 1101	check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Bids received after the time stated will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1101
COURT-HOUSE, ETC. [At Fort Wayne, Ind.] Proposals are wanted until February 25, for Allen County Court-house and power station. Plans, etc., at office of B. S. Tolian, Architect, or at office of County Auditor. Address BOARD OF COMMISSIONERS OF THE COUNTY OF ALLEN, as above. 1103	Treasury Department, Office Supervising Architect, Washington, D. C., January 13, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 2d day of February, 1897, and opened immediately thereafter, for all the labor and materials required for miscellaneous changes in and an extension to the United States Court-house and Post-office at Los Angeles, Cal., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian, Los Angeles, Cal. Each bid must be accompanied by a certified	OFFICERS' QUARTERS. [At Fort Hamilton, N. Y.] Proposals are wanted until February 12, for three double sets of non-commissioned staff officers' quarters. Address LIEUT. T. R. ADAMS, Q. M., as above. 1101
HIGH SCHOOL HOUSE. [At Melrose, Mass.] Proposals are wanted until February 1, for high-school building on Main St. Plans, etc., at office of		

Cathedral of St. John the Divine.

New York, N. Y.

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B. G. GOODHUE	" " "	STEPHEN C. EARLE	WORCESTER, MASS.
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[For pagination, see Alphabetical Index on Cover 3.]

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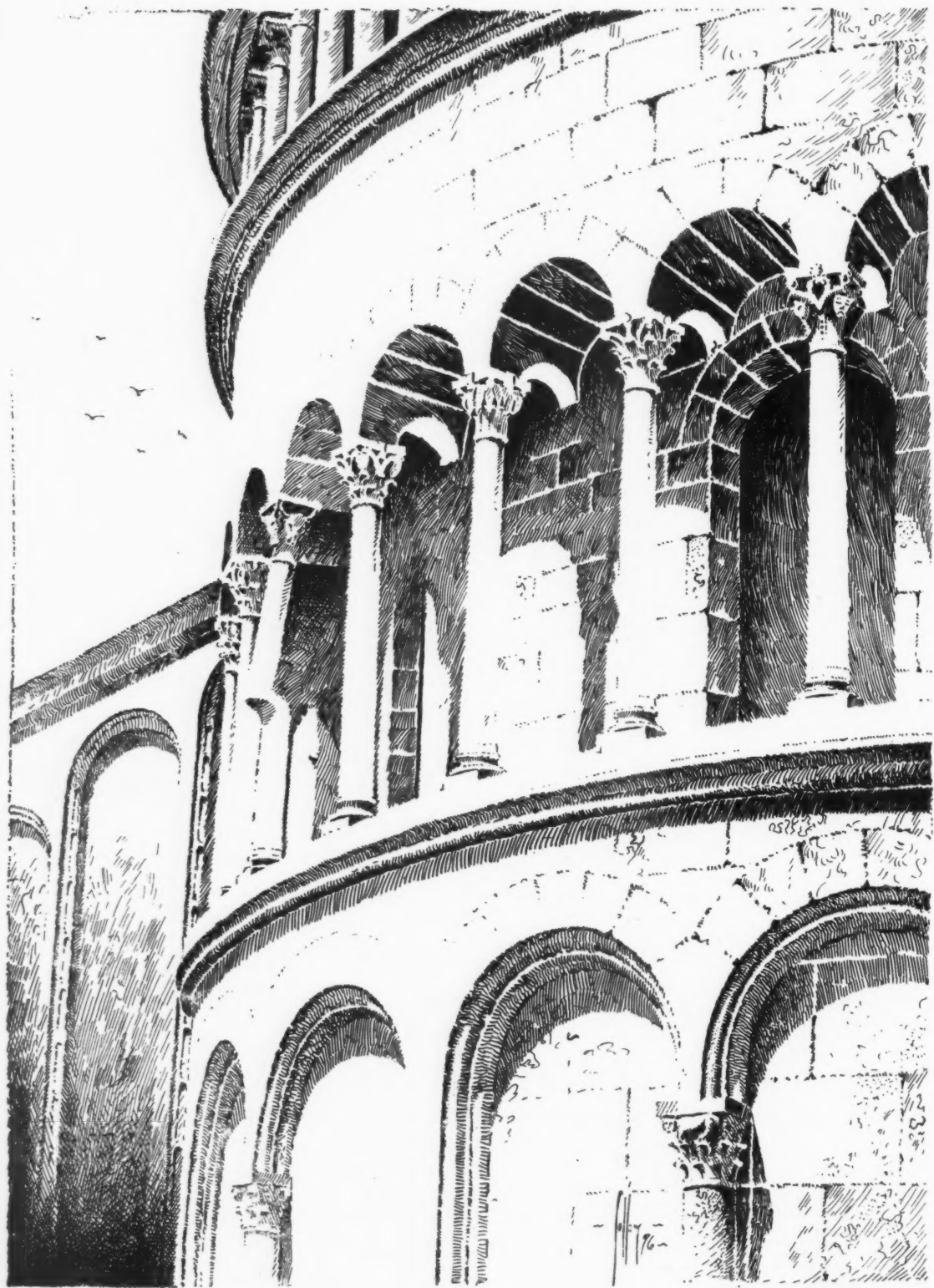
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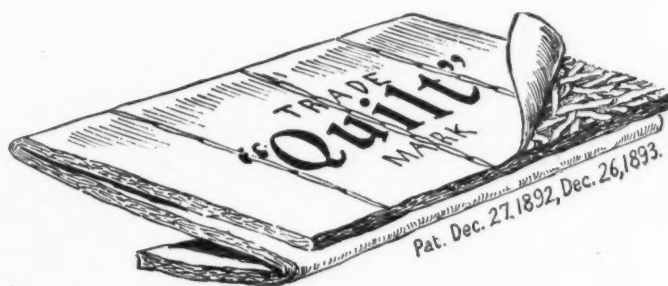
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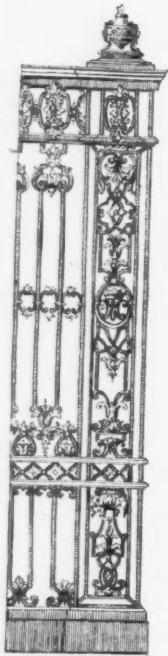
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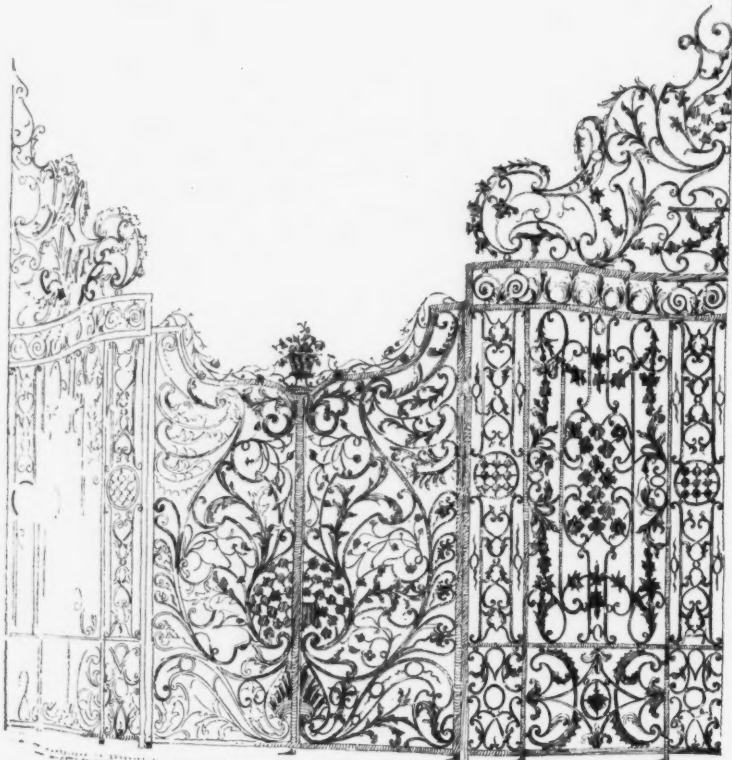
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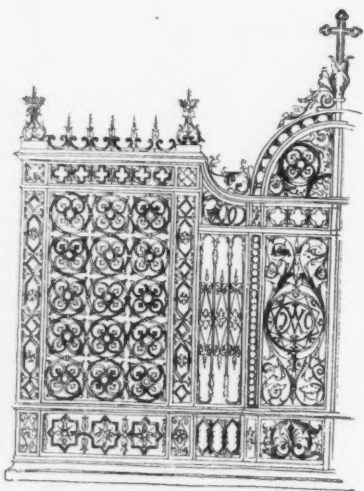
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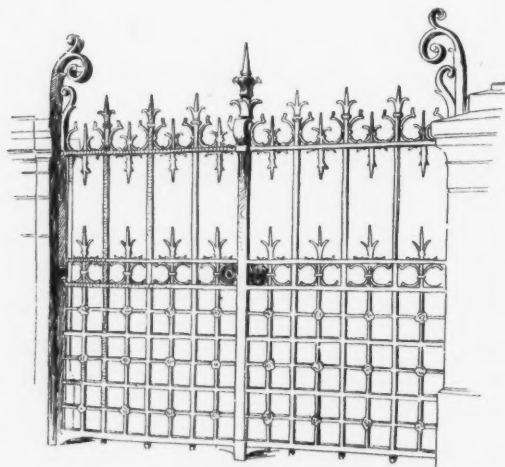
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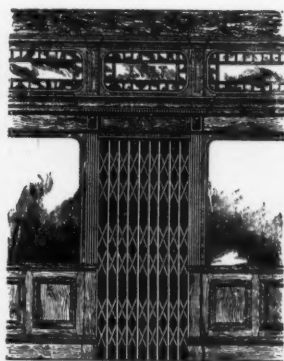
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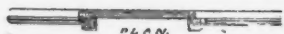
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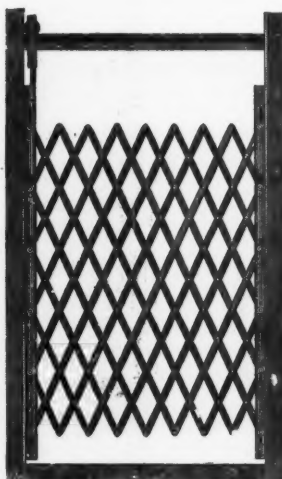


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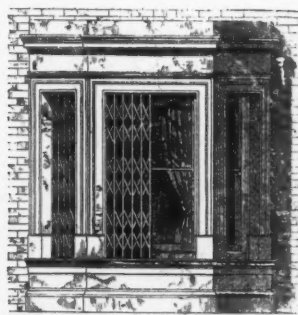


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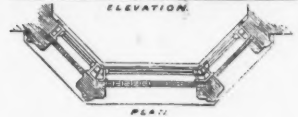
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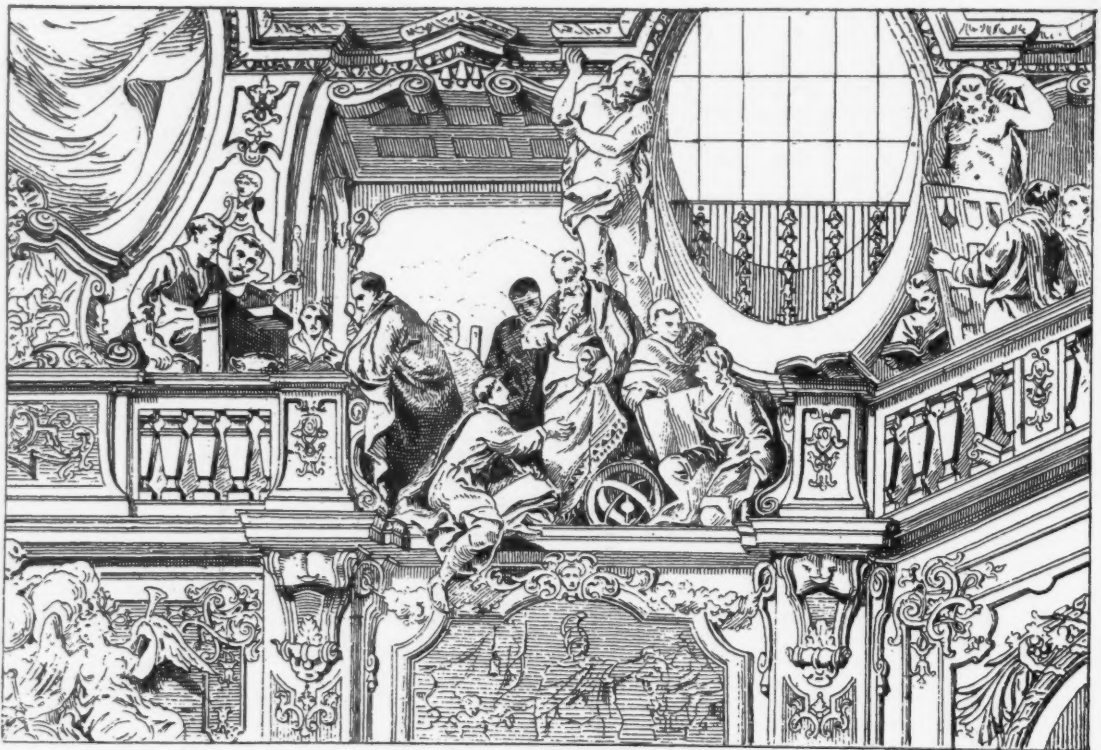


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GATES AND GRILLES, ETC.

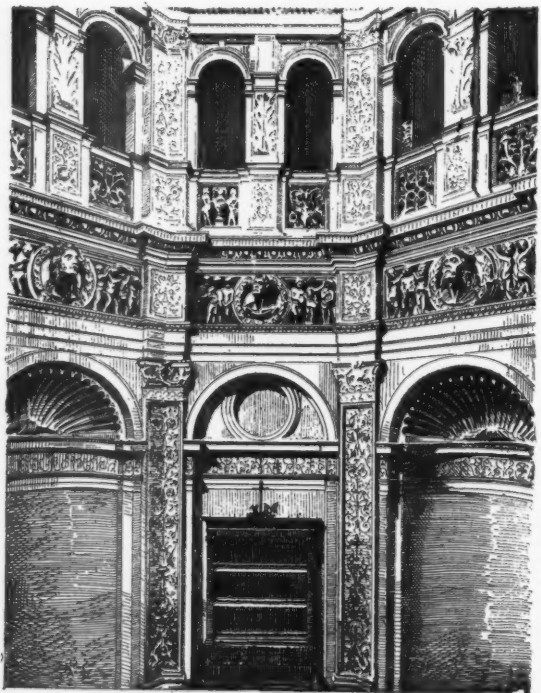
CONSTABLE BUILDING 111 FIFTH AVE, N.Y.



From the Imperial Library, Vienna, Austria.

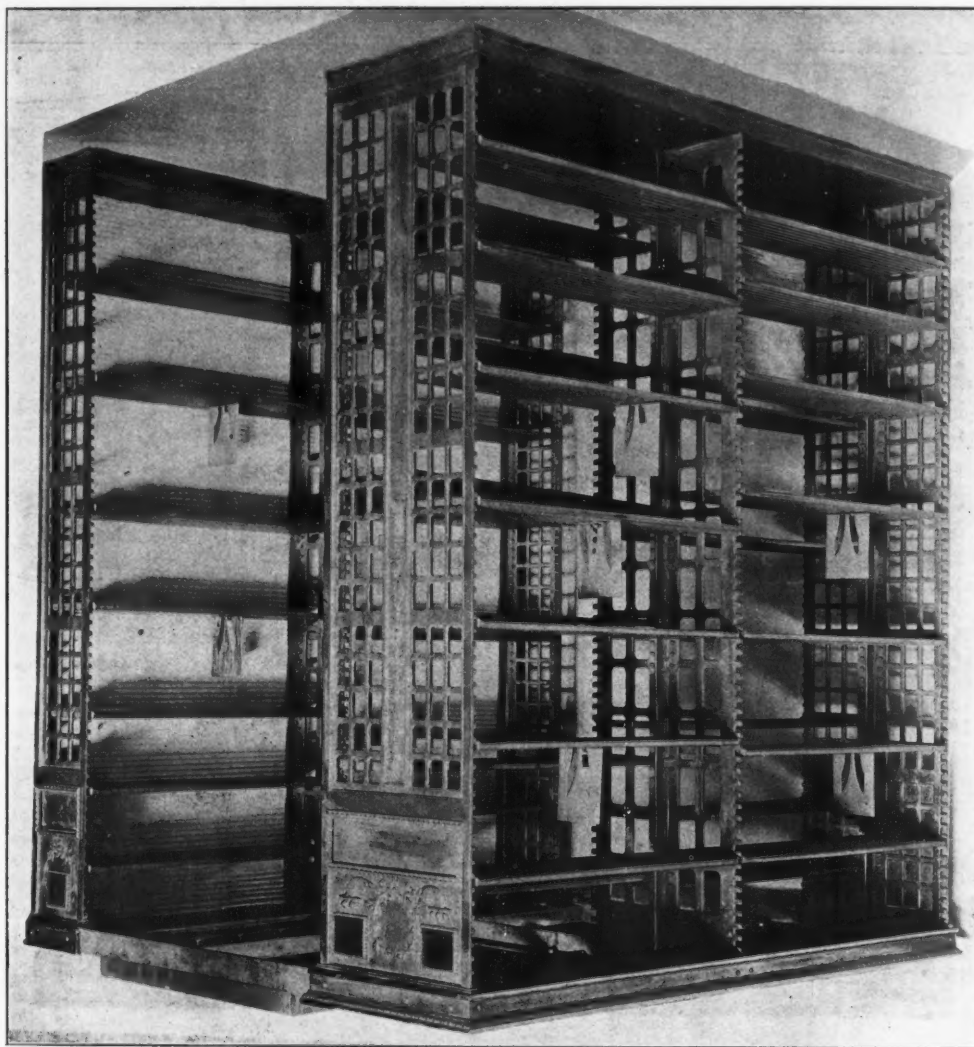


St. Anna's Church, Augsburg, Germany.



Sacristy of San Satiro, Milan, Italy.

MURAL DECORATION.



GREEN BOOK-STACK WITH SNEAD SHELF.....

FOR LARGE AND SMALL LIBRARIES.

The above cut illustrates a double-faced range, an aisle, a wall case, and deck construction over the aisle.

The shelf supports are solid castings one-half inch thick, ground smooth on sides that come in contact with books; there are no cavities or open places to receive and accumulate dust and harbor vermin; they are made as open as possible, consistent with requisite strength.

The shelves are of skeleton construction made of cold-rolled steel.

Both the shelves and their supports afford perfect circulation of air to the books, and admit light freely. Ventilation and light are indispensable conditions for a modern book-stack.

The shelves are easily removable, adjustable and interchangeable, and of ample strength, with no deflection under their loads, and receive a rigid book-stop for those partially filled with books.

There are no loose pieces, such as pins, bolts or stirrups; the book ranges consist of two parts only, the shelf and shelf support.

This stack has been furnished for the new Library of Congress in Washington, and twenty more libraries in other parts of the country, providing in all a total storage of over three million volumes.

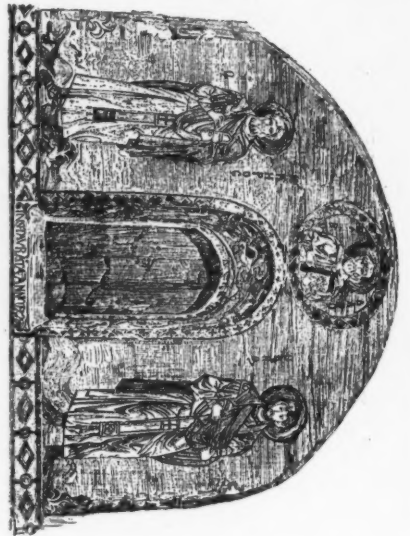
On receipt of plans of library, we shall be pleased to suggest best arrangement of book-stack and give prices.

Catalogues sent on request.

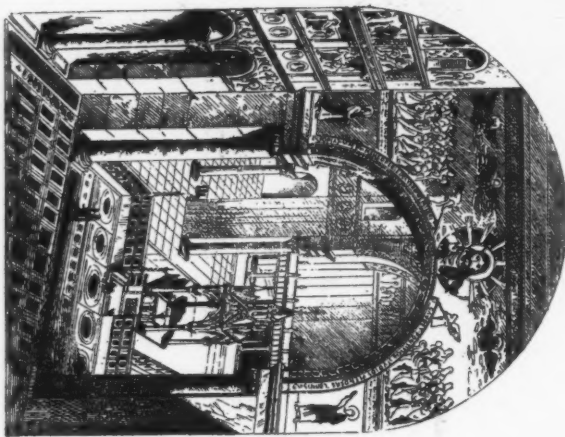
THE SNEAD & CO. IRON WORKS,
LOUISVILLE, KY.

MAKERS OF

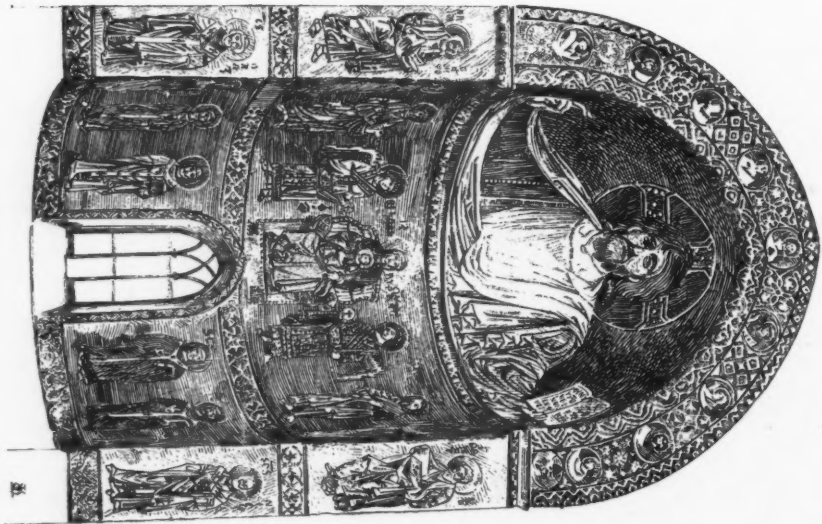
Structural and Ornamental Ironwork for Architectural Purposes.



Twelfth Century Mosaic, in Church of La Martorano, Palermo, Italy.



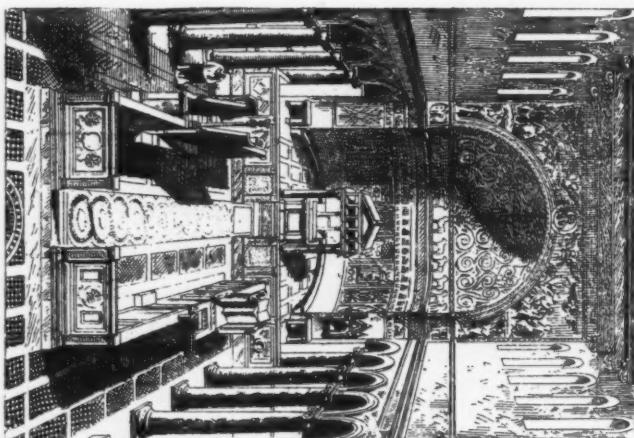
St. Paul's, without the Walls, Rome, Italy.



Mosaics in the Apse, Cathedral of Monreale, Italy.



"Justice," in Old Supreme Court, United States Capitol.



St. Clemente, Rome, Italy.

MURAL DECORATION.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 176.

SATURDAY, FEBRUARY 6, 1897.

VOLUME LV.
No. 102.

CABOT'S DEAFENING "QUILT."

THE "Old Pierce House," at Dorchester, Mass., is an admirably preserved specimen of the earliest New England architecture, and a monument to the solid and substantial building of our forefathers. Built in 1635, it has never been owned or occupied by any but a lineal descendant of its builder, the present owner being of the eighth generation from the

it must have been subjected during the more than two and a half centuries that it has remained in these walls, this eel-grass was found to be in a perfect state of preservation, and a sample of it, together with a chronicle of the above facts from the present Mr. Pierce, may be seen at the office of the undersigned.¹ The walls of the Babcock House,² at Milton, Mass., built 1723, are similarly packed with

of common grasses; and this also accounts for the fact that the eel-grass is not inflammable.

We cite the above facts because we find that the most common, and what would be, if true, a most vital, objection raised by prospective users of our Insulating and Deafening "Quilt" is that the eel-grass filling will, in course of time, decay or become brittle and



The Old Pierce House, Dorchester, Mass. Built 1635.

original Robert Pierce. A short time ago, in making repairs, it became necessary to open the walls of this ancient structure, when they were found to be stuffed, between the studing, with eel-grass, placed there, no doubt, for more complete protection from the rigorous climate of the New World. Notwithstanding the almost innumerable alternations from dry to damp and damp to dry to which

eel-grass, which is also untouched by decay. The cause of this preservation, so remarkable when we compare it with the quick decay of the herbaceous growths of the air, is found in the chemical constitution of the eel-grass, which contains silicon in place of the carbon

¹ Sample of eel-grass and label.

² This house, recently remodelled, is stained with Cabot's Creosote Shingle Stains.

powdered, thus rendering the Quilt worthless for the purposes to which it is applied. This is, perhaps, a natural hypothesis, but we are glad to be able to offer scientific reasons to the contrary, and to point to actual cases where the longevity of properly cured eel-grass has been proved beyond the possibility of doubt. In this connection it may be well to observe that the presence in the eel-grass of

a large percentage of iodine, common to all sea-plants, renders it free from the attacks of moths and vermin, to destruction by which wool felts and all other materials of animal origin are peculiarly subject. The long, flat



Sea-weed taken from the Pierce House, Dorchester, in 1893. The house was built about 1635 and this had never been disturbed.—Geo. Francis Pierce, Oak Ave., Dorchester, Mass.

blades of eel-grass, crossing each other at every angle as they do in our Quilt, form the innumerable minute dead air spaces which give to our material most of its great insulating power; and their elasticity contributes the resilience which furnishes the rest.

SAMUEL CABOT,
70 KILBY ST., BOSTON, MASS.

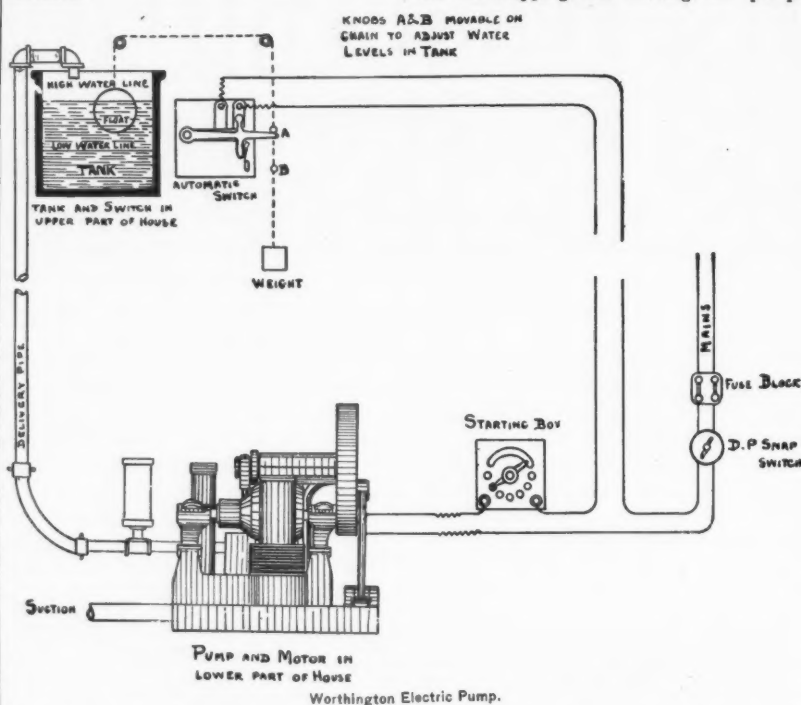
WORTHINGTON ELECTRIC PUMP.

THESE pumps can be used for a great variety of purposes, but are specially intended to supply the reservoir tanks of high office-buildings or residences where the pressure carried

count of the limited number of working parts, as well as for the simplicity and compactness of their design. They can be placed anywhere where electrical current is available, and require little or no attention after once installed.

sumed varies between one-quarter horse-power and one horse-power, depending upon the head pumped against.

The diagram shows the method of wiring the motor, and an automatic controlling device for stopping and starting the pump.



A special feature is the absence of gears; the motor being connected to the pump entirely by belt, thus doing away with the constant rumbling which is unavoidable even with the best of cut gearing. The plunger is differential (not single acting as is often assumed), displacing equal quantities of water on both the up and the down stroke, and as the normal speed of the pump-shaft is 200 r. p. m., the result is an even and regular flow of water through the discharge-pipe. An-

This arrangement ensures a supply of water always ready for immediate use. The operation, briefly described, is as follows:

A regular hand rheostat is placed in the main circuit, one wire being first led through a snap switch located in some convenient place near the tank. Suppose the pump to be running, delivering water into the tank, the float rises until the knob A comes in contact with the lever of the switch, when the suspended weight snaps it open, breaking the circuit and stopping the pump; when the float descends, owing to water being drawn from the tank, the knob B comes in contact with the lever, closing the switch and again starting the pump. By adjusting A and B, any desired water level may be maintained.

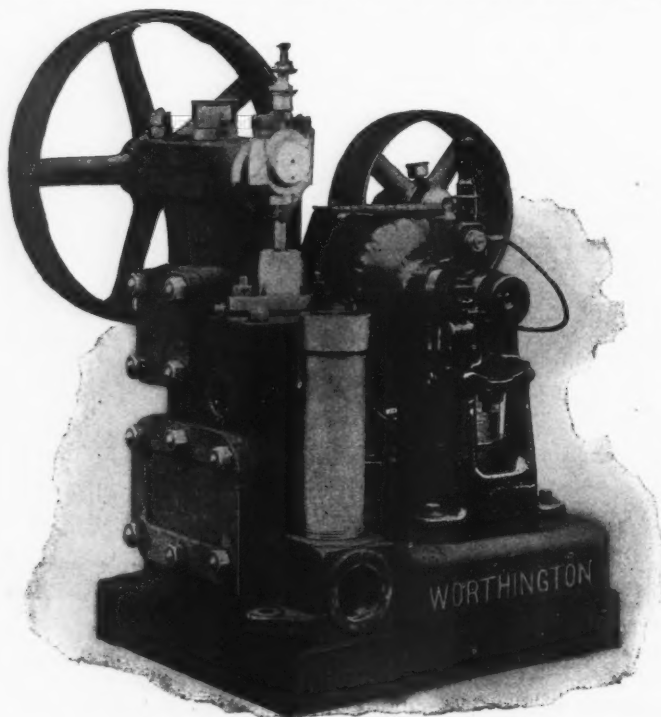
In addition to the pump above described, Worthington pumps suitable for all services are built to be driven by electric motors, and special designs have been made to cover the requirements of hydraulic elevator service, mine service, water-works supply, irrigation purposes, fire protection, or in short, any service where electric motive power can be used to advantage. The success of this kind of apparatus depends, however, so much upon a careful selection not only of the size, but of the type of machine to be used, that full particulars should be sent in asking for an estimate.

HENRY R. WORTHINGTON,
NEW YORK, N. Y.

FORTY YEARS OF LIGHT.

THE firm of I. P. Frink, 551 Pearl St., New York, has for forty consecutive years jealously guarded their reputation for fair dealing, and the superior quality and construction of their reflectors.

Successful from the start, they have kept far in the lead, keeping pace with this age of light, improving quality and construction, so that the 1897 could hardly be recognized as a distant relative of the 1857 reflectors.



Worthington Electric Pump.

on the city main is not sufficient to elevate water above the lower stories.

They are made in two sizes of 250 gallons and 500 gallons capacity per hour, respectively, and are specially commendable on ac-

other advantage of the differential plunger is that it equalizes the work, throwing a constant load on the motor, which is very essential for its safety and durability as well as for economy. The actual amount of power con-

During this time they have lighted over twenty thousand churches, covering nearly every country in the world, and thousands of halls, theatres, armories, schools, hospitals, court-houses, stores and public buildings, receiving the First Prize, Medal and Diploma at the World's Fair, Chicago, 1893.

Although advertising "The Great Church Light" extensively, they do not confine their efforts to churches only, but have lighted a large number of the finest private mansions in the principal cities of America, recently lighting a reception-room in New York, in which over one hundred thousand dollars was expended on interior decorations, four thousand of which was for the Frink Reflectors for lighting the room. The reflectors were heavily plated with gold.

From Lagos, West Africa, they have received orders for lighting several groups of buildings, for the Church Missionary Society, of London, England, and have just received another order from there for lighting another group of buildings, accompanied by a draft on the London Society for seventy-five pounds sterling, an amount that some of our more pretentious home churches hesitate to expend on lighting fixtures.

They have now in hand the lighting of the buildings of the new Corcoran Galleries of Art, Washington, D. C., the Rhode Island School of Design, Providence, R. I., and of churches in nearly every State in the Union.

During the holidays, they received several orders by telegraph, giving the size of the church, with no previous correspondence. These few straws clearly indicate the esteem in which the firm is held by the general public. Their facilities for turning out good work promptly are more perfect than ever before.

They invite correspondence on the subject of material light, and send "Book of Light" free, on request.

I. P. FRINK,
NEW YORK, N. Y.

REMOVALS.

On February 1st we shall remove our New York Office from Nos. 82-84 Centre Street, to No. 48 Centre Street, New York, occupying half the store premises of Wm. H. Sheridan.

Mr. I. G. James, New York Selling Agent, extends a cordial invitation to the trade to call and inspect the extensive line of boilers which will be on exhibition in the salesroom.

GURNEY HEATER MFG. CO.

We will remove our Boston store, on or about February 15th, to No. 17 Pearl Street.

This store is now under the management of Mr. J. D. Stiles. Mr. Stiles states that he will be pleased to meet all his friends and acquaintances, and those interested in steam goods, at above address.

JENKINS BROS.,
NEW YORK.

NOTES.

JAMES H. GOULD, who died December 30, 1896, at Seneca Falls, N. Y., was the eldest son of the late Seabury S. Gould. He was born in 1844, and arriving at maturity, went into mercantile business in New York. Here he was not successful, and returning to Seneca Falls in 1872, he took part in the reorganization of the manufacturing company that his father had helped to found. He and his brother, Seabury S., Jr., relieved the father of the active management, and James H. soon

became the controlling spirit of the business. Like General Grant at the head of the army, he had found a field for the exercise of his abilities, and through all the financial crises, the business depressions and hard times that have occurred, the Goulds' Manufacturing Company has kept steadily on, enlarging its plant and broadening its field of operations, until now there is not a civilized country on earth where its products are not known. The business is thoroughly systematized, and all connected with the various departments are efficient and capable, the brother, S. S. Gould, being a close and confidential adviser, but the head of the concern was James H. Gould. His foresight, courage, breadth of view, and knowledge of detail, made him master of the business and its successful manager. After the death of his father he was made the president of the company, but the change of officers did not make any change in his duties, as he had been from the beginning of his connection with the company its actual manager. He had been, also, for several years President of the Exchange National Bank of Seneca Falls, and his investments in various outside enterprises always received his careful attention.

We are pleased to advise our readers that they may find in this week's issue, page x, the advertisement of McClure & Co., dealers in tin-plate and metals, Pittsburgh and Philadelphia, Pa. Messrs. McClure & Co. report that they had the past year increased demand for their guaranteed brands of roofing tin, which comprises the following: "McClure's Redipped," "McClure's Roofing," "Garland Old Style," "O. B. T. Extra Coated." These brands are guaranteed by the manufacturers to be leaders in their respective grades.

THE Bedford Quarries Company has opened an office at No. 1 Madison Avenue, New York, where it will be represented by Mr. A. F. Shuman, sales agent. Intending purchasers of Bedford stone will find it to their interest to confer with Mr. Shuman before placing orders.

THE saw-mill of the American River Land and Lumber Co., which is located close to the power-house at Folsom, Cal., of the Folsom-Sacramento Power Transmission, was started successfully on December 1st, cutting 50,000 feet of lumber per day. The saw-mill is the first in the country, and indeed in the world, which is operated by electricity.

The current is three-phase, taken from the power-house at Folsom, and the motors are all of the induction type, the installation having been made by the General Electric Company. The motors employed are one of 75 horse-power, one of 50 horse-power, both running at 720 volts, three of 30 horse-power, and one of 5 horse-power operating at 200 volts.

THE annual election of officers of the American Boiler Company, which took place in Chicago on January 22d, resulted as follows: W. K. Pierce, *President*; E. H. Fowle, *Vice-President*; C. V. Kellogg, *Treasurer* and *General Manager*; James Mackay, *Secretary*.

The above, with Hamilton Borden and W. A. Cameron, constitute the *Board of Directors*.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

CHURCHES.

Torrington, Conn.—Water and Front Sts., one-st'y and basement brick and stone church, 50' x 110',

slate roof, steam; \$35,000; own., Trinity Church Society; arch., Henry M. Longdon, 15 Broadway, New York City; not let.

West Gardner, Mass.—One-and-one-half-st'y brick, iron and terra-cotta church, 65' x 150', slate roof, comb. heat; \$60,000; own., French Catholic Society; Rev. Fr. A. E. Langvin, Gardner, Pastor; arch., Henry Lapointe; not let.

EDUCATIONAL.

Mt. Vernon, N. Y.—Third Ave., three-st'y and basement, brick, stone and terra-cotta school, 64' x 150', pitch slate roof, steam; \$63,000; own., Board of Education; con., Dawson & Archer, 21 East 42d St., New York City; arch., Boring & Tilton, 57 Broadway, New York City.

New York, N. Y.—East Broadway, Gouverneur, Henry and Seammell Sts., five-st'y brick school, 133' x 163'; \$250,000; own., Board of Education; arch., C. B. J. Snyder, 146 Grand St.

South Hadley, Mass.—Three-st'y brick and stone dormitory, 60' x 120', slate roof, steam; \$30,000; own., Mt. Holyoke College, A. L. Williston, Northampton, Chairman Building Committee; a ch., C. Powell Karr, 70 Fifth Ave., New York City; bld., A. C. Valadier, New York City.

Waterloo, Ia.—Two-st'y brick school, 49' x 70', slate roof, steam; \$7,000; own., Town; arch., Oliver O. Smith, Des Moines.

FACTORIES.

Chicago, Ill.—Ernest de St. Aubin, six-st'y brick factory, 454 S. Clark St.; \$24,000.

HOTELS.

Winthrop, Mass.—Three-and-one-half-st'y frame hotel, 36' x 56', gambrel roof, steam; \$6,100; own., Fred L. Hall; bld., H. R. Douglas; arch., T. M. Sargent, 41 Tremont St., Boston.

HOUSES.

Amherst, Mass.—Two-and-one-half-st'y frame dwell., 32' x 50', pitch roof, furnace; \$5,000; own., the Misses Bestin; arch., Putnam & Bayley, Northampton.

Baltimore, Md.—One three-st'y and five two-st'y brick dwells., beg. s e cor. Gay and Hoffman Sts.; own., Morris & Beatty.

Sixteen two-st'y brick dwells., s s Bernard St., bet. 27th and 28th Sts.; own., J. S. Kidd & W. A. Davidson, 127 South Broadway.

Four two-st'y brick dwells., n s Mary Terrace, bet. Pennsylvania Ave. and Division St.; own., Max Flitt, 2541 Pennsylvania Ave.

Three three-st'y brick dwells., w s Broadway, bet. Biddle and Preston Sts.; own., Chas. B. Hakesley, 1212 North Gay St.

Boston, Mass.—Trescott St., nr. Faxon St., Ward 20, 3 two-st'y frame dwells., 26' x 42'; pitch roof, furnace; \$15,000; own. and bld., Cummings & Morehouse, Faxon St., Dorchester.

Sunset St., nr. Hillsdale St., Ward 19, 3 three-st'y frame dwells., 25' x 52', pitch roof, stoves; \$12,000; own. and bld., Michael McPherson, 85 Day St.

Townsend St., Ward 21, two-and-one-half-st'y frame dwell., 49' x 49', pitch roof, furnaces; \$6,500; own., Mrs. M. Joel, 2 Whiting St.; arch., Saml. Runtin & Son, 1117 Columbus Ave.

Lonsdale St., nr. Adams St., Ward 24, 11 two-st'y frame dwells., 30' x 32', pitch roof, furnaces; \$4,000; own. and bld., Victor J. Slocum, 568 Freeport St., Dorchester.

Boston and Powers Sts., Ward 16, 4 three-st'y frame dwells., 20' x 32', flat roof, stoves; \$15,000; own., Clara R. Robinson, 1122 Dorchester Ave.; bld., Wm. J. Robinson.

Wyman St., nr. Chestnut Ave., Ward 22, two-st'y frame dwells., 24' x 54', pitch roof, furnace; \$6,000; own. and bld., Walter Curley, 35 Cranston St., Jamaica Plain.

Stanwood St., nr. Blue Hill Ave., Ward 20, 4 three-st'y frame dwells., 24' x 65', flat roofs, furnaces; \$25,000; own. and bld., Carl S. Nelson, 344 Norfolk St.

Burke St., Nos. 4-6, Ward 18, 2 three-st'y brick dwells., 17' x 45', flat roofs, stoves; own., Thomas McDonough, 1011 Tremont St.; arch., Robt. A. Watson.

Dundee St., nr. Falmouth St., Ward 19, 5 three-st'y brick dwells., flat roof, stoves; \$25,000; own. and bld., Wm. H. Henderson, on premises.

Rosemont St., nr. Dorchester Ave., Ward 24, 8 two-st'y frame dwells., 23' x 37', pitch roofs, furnaces; \$25,000; own. and bld., Bernard Dorsey; arch., J. Merrill Brown.

Ellingwood St., nr. Heath St., Ward 19, 2 three-st'y frame dwells., 23' x 48', flat roofs, stoves; \$10,000; own., Margaret Doyle, 3 Burney St.; bld., George Peterson.

Bailey St., nr. Atherstone St., Ward 24, 2 two-st'y frame dwells., 25' x 25', pitch roof, furnaces; \$6,000; own., H. D. Van Norden, 13 School St.; bld., Mark Carnier.

Adams St., nr. Eustis St., 3 three-st'y brick dwell., 20' x 45', flat roofs, stoves; \$12,000; own. and bld., Crowther & Kauffman, 2552 Washington St.; arch., E. P. Morse.

Montebello Road, Ward 20, two-and-one-half-st'y frame dwell., 30' x 42', hip roof; own., Chas. G. Wells; arch., E. J. Lewis, Jr.; not let.

Brookline, Mass.—Chelmsford Road, nr. Harvard St., two-and-one-half-st'y frame dwell., 32' x 36', pitch roof, furnace; \$5,000; own., Lyon & Seaman; bld., L. T. Lyon; arch., Alonzo D. Wright, 40 State St., Boston.

Deane Road, two-st'y frame dwell., 46' x 29', pitch roof, furnace; \$10,000; own., Willard Pierce; bld., A. Hathaway & Sons, 77 River St., Boston; arch., Dabney & Hayward, Boston.

Osborne Road, two-and-one-half-st'y frame dwell., 40' x 45', hip roof, furnace; \$8,000; own., Frank W. Meads; bld., Wm. Kellar; arch., Clark & James, 50 Bromfield St., Boston.

Buzzard's Bay, Mass.—Two-and-one-half-st'y frame dwell., 34' 10" x 28' 6", hip roof, furnace; own., Wm. Osgood Taylor; bld., Noyes & Bros.; arch., H. M. Stephenson, Boston.

Dedham, Mass.—Walnut St., two-and-one-half-st'y frame dwell., 41' x 36', gambrel roof, furnace; \$5,000; own., Mrs. A. M. Cotton; bld., M. H. McLean.

Fall River, Mass.—Lincoln Ave., cor. Rock St., two-and-one-half-st'y frame dwell., 40' x 46', pitch roof; \$10,000; own., Edward H. Thomas, 2 Davol St.; bld., Leeming & Jones.

Hartford, Conn.—Wethersfield Ave., two-and-one-half-st'y frame dwell., 30' x 48', pitch roof, furnaces; \$8,000; own., Mrs. M. J. Black; arch., Mrs. G. W. Buckland, 236 Main St.; day-work.

ALSEN'S PORTLAND CEMENT

is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. Houston, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most durable wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

Alsen's Portland Cement Works, New York Office, 143 Liberty Street.

BUILDING INTELLIGENCE.

(Houses Continued.)

Haddonfield, N. J.—Two-and-one-half-st'y dwell., 56' x 65'; own., Theo. L. Warrington; arch., Leslie Gibson Warrington.

Haverford, Pa.—Three-st'y and basement frame and stone dwell., 33' x 50', shingle roof; \$10,000; own., G. R. Griseom; arch., Furness, Evans & Co., Philadelphia.

Milwaukee, Wis.—Highland Boulevard, two-st'y brick and frame dwell., 32' x 48', pitch roof, steam; \$10,000; own., Wm. H. Manegold; bld., Wm. Winter; arch., Jacob Jacob.

New Bedford, Mass.—Chestnut St., two-and-one-half-st'y frame dwell., 32' x 48', pitch roof, furnace; \$7,000; own., Arthur C. Wheaton; bld., Z. W. Peterson; arch., C. Hammond & Son.

New Haven, Conn.—Rock Ave., two-and-one-half-st'y brick and frame dwell., 32' x 48', pitch roof, steam; \$10,000; own., Geo. A. Keyes, M. D., 177 Lawrence St.; arch., Brown & Von Beren, 70 Church St.

Philadelphia, Pa.—Chestnut St., s s, w 45th St., 18 three-st'y Pompeian brick dwell., 18' x 65'; \$11,000 to \$14,000 each; all to be built in pairs; arch. and own., S. C. Boyer.

Sansom St., n s, w 45th St., 20 three-st'y Pompeian brick dwell., 12 rooms, 16' x 50'; \$6,500 to \$9,000 each; arch. and own., S. C. Boyer.

Haworth St., e Cedar St., 2 two-st'y brick dwell., 16' x 52'; own., Stock Bros., 1963 Washington Ave.

Twenty-eighth St., w s, n Huntingdon St., 4 three-st'y brick dwell., 16' x 44'; own., Solomon Greenburg, 335 Christian St.

Twenty-eighth St., w s, n Huntingdon St., three-st'y brick dwell., 20' x 44'; own., Solomon Greenburg, 335 Christian St.

Twenty-ninth St., e s, n Huntingdon St., 17 three-st'y brick dwell., 16' x 48'; own., Solomon Greenburg, 335 Christian St.

Twenty-eighth St., w s, n Huntingdon St., 12 two-st'y brick dwell., 16' x 41'; own., Solomon Greenburg, 335 Christian St.

Merion Ave., e 49th St., 7 two-st'y brick dwell., 14' x 41'; own., David G. McClure, 727 Reed St.

Albert St., n and s, w 28th St., 38 two-st'y brick dwell., 14' x 41'; own., Solomon Greenburg, 335 Christian St.

Harold St., n and s s, 38 two-st'y brick dwell., 14' x 41'; own., Solomon Greenburg, 335 Christian St.

Porter St., n s, w 13th St., 6 two-st'y and 1 three-st'y brick dwell., 18' x 48'; own., Timothy Gallagher, 1127 South 18th St.

Stella Ave., n and s s, bet. Amber St. and Trenton Ave., 66 two-st'y brick dwell., various sizes; own., Jno. D. Rainy, 703 Hale Building.

Providence, R. I.—Blackstone Boulevard, two-and-one-half-st'y frame dwell., 30' x 50', pitch roof; \$10,000; own., W. W. Rickard; bld., T. B. Ross & Son; arch., Clarke & Spaulding, 167 Cushing St.

Upton, Pa.—Three-st'y stone dwell., 35' x 40'; own., P. H. Morris; estimated cost, \$10,000; arch., Bailly & Truscott, Philadelphia.

Washington, D. C.—T St., N. W., 5 three-st'y brick dwell., 20' x 51'; \$30,000; own. and bld., Geo. S. Cooper, 16 Baltic Bldg.

Columbia St., three-st'y brick and stone dwell., 20' x 31'; \$5,500; own., J. N. Sanner; bld., F. T. Sanner; arch., B. Stanley Simmons.

Park St., 2 two-and-one-half-st'y brick and stone dwell., 45' x 70', mansard roof, not water; \$40,000; own., Chas. Schneider; arch., Albert Goenner, 600 F St., N. W.

Sheridan St., 6 three-st'y brick dwell. of 10 rooms each, hot-water heat; \$42,000; own., Chas. Schneider; arch., Albert Goenner.

Wyoming and California Aves., 14 three-st'y and basement brick and stone dwell.; \$98,000; own., Chas. W. Simpson.

Willow Grove, Pa.—Three-st'y frame dwell., 18' x 56', shingle roof; own., Mrs. Joseph L. Connolly; own., Thos. Rush, Franklin St., Frankford; \$6,000; arch., Stearns & Castor, Philadelphia.

Winthrop, Mass.—Sagamore Ave., 3 two-st'y frame dwell., 22' x 31', pitch roof, steam; \$10,000; own., Joseph Gahm, Boston; bld., S. H. Griffin, Winthrop St.

Woods Holl, Mass.—Penzance, two-and-one-half-st'y frame dwell., 18' 10' x 66' 6' with L 22' 4' x 22' 6', pitch roof, furnace; own., Horace S. Crowell; bld., Chas. H. Burdick; arch., H. M. Stephenson, Pemberton Sq., Boston.

Worcester, Mass.—Lincoln St., three-st'y frame dwell.; own., D. Keefe; day-work.

Summerhill Ave., two-and-one-half-st'y frame dwell.; own., W. H. Lord.

BUILDING INTELLIGENCE.

(Houses Continued.)

Merrifield St., three-st'y frame dwell.; own., S. P. Smith; con., L. M. Petterson.

York, Pa.—Three-st'y stone and brick dwell., 50' x 60', shingle roof; own., Howard Greely; \$10,000; arch., John Smith.

LIBRARIES.

Northfield, Mass.—Two-st'y brick and stone library, 40' x 60', pitch roof, steam; \$15,000; own., Town of Northfield, donated by Mr. Dickinson; arch., H. M. Francis, Fitchburg; not let.

MERCANTILE BUILDINGS.

Los Angeles, Cal.—Broadway, bet. 3d and 4th Sts., three-st'y brick block; \$10,000; own., S. K. Lindley; arch., Dennis & Farwell.

New Haven, Conn.—Meadow St., four-st'y brick and stone block; \$30,000; own., John McPartland; arch., W. H. Allen, 70 Church St.

New York, N. Y.—Broadway, Nos. 594-596, twelve-st'y brick and stone building, 82' x 200'; own., Jore. C. Lyon, 81 East 125th St.; arch., Buchman & Deisler, 11 East 59th St.

Sixth Ave., cor. 15th St., six-st'y brick and stone building, 50' x 80'; own., Boehm & Coon, 45 Maiden Lane; arch., Ralph Townsend, 29 East 19th St.

Sixth Ave., cor. 58th St., eight-st'y brick and stone building, 25' 5' x 95'; \$100,000; own. and bld., Patrick Norton, 1035 Third Ave.; arch., Buchman & Deisler, 11 East 59th St.

Westfield, Mass.—Elm St., five-st'y brick, stone and iron business block, 35' x 100', flat roof; \$50,000; own., R. D. Gillett; arch., A. W. Holton.

OFFICE-BUILDINGS.

Boston, Mass.—Charlestown and Beverly Sts., Ward 6, six-st'y brick and iron office-building, 73' x 58' x 50', steam; \$35,000; own., Edward Doherty, 50 Charlestown St.; arch., C. J. Bateman, 19 Exchange Pl.

Covington, Ky.—Third and Greenup Sts., four-st'y brick store and office-building; \$30,000; own., Dr. Chas. Kearns, Sr., et als.; arch., Holl & Taylor, Cincinnati.

Hartford, Conn.—Main and Asylum Sts., office-building; \$100,000; own., Cottin Estate; arch., W. C. Brocklesby.

New York, N. Y.—Fifth Ave., nr. 26th St., twenty-st'y brick and stone office-building, 48' x 100'; own., Barones de Selliere; arch., Geo. Edw. Harding & Gooch, 253 Broadway.

Liberty St., Nos. 117-121, sixteen-st'y office-building; own., Roebing Estate, 121 Liberty St.; arch., Harding & Gooch.

Eighty-second St. and the Boulevard, six-st'y brick store and office-building; \$45,000; own., Chas. S. Barney; arch., Wm. Strong.

Broadway, cor. Liberty St., brick, stone and steel office-building; \$1,000,000; own., Washington Life Insurance Co., 15 Cortlandt St.; con., Marc Elditz & Son; arch., C. L. W. Elditz, 160 Fifth Ave.

Sandusky, O.—Four-st'y brick building for stores and offices; \$15,000; own., Rush B. Sloane; arch., Malcolmson & Higginbotham, Detroit, Mich.

PUBLIC BUILDINGS.

Central City, Col.—Brick and stone court-house; \$50,000; own., Gilpin County; arch., H. W. Barrensen, Denver.

STABLES.

Boston, Mass.—Oakland St., nr. Favre St., Ward 24, frame stable, 33' x 25'; \$800; own., Catherine F. Sexton; bld., James H. Murphy, 52 Custer St., Jamaica Plain.

Brookline, Mass.—Brookline St., nr. High St., one-st'y frame stable, 34' x 21', pitch roof; \$1,800; own., Elizabeth W. Shea, 198 High St.; bld., W. W. Salter.

Brooklyn, N. Y.—Douglass St., s s, 112' 4' e Bedford Ave., two-st'y brick stable and dwell., 20' x 30'; gravel roof; \$9,000; own., A. E. De Baun, 41 Liberty St., N. Y. City; arch., J. L. Young, 1221 Fulton St., Brooklyn.

Cambridge, Mass.—Winthrop St., two-st'y frame stable, 46' x 46', pitch roof, stoves; \$2,000; own., Pierce Fuel Co.; bld., J. A. Rice.

Chelsea, Mass.—Chestnut St., rear No. 87, one-st'y frame stable; \$500; own. and bld., L. Schultzy, Chestnut St.

Everett, Mass.—Spring and Chelsea Sts., one-and-one-half-st'y frame stable, 28' x 30'; \$500; own., O. W. Lord, 11 Chestnut St.; arch., G. H. Wood, 380 Main St.; not let.

Malden, Mass.—Adams St., No. 104, one-and-one-half-st'y frame stable, 18' x 18', pitch roof; \$400; own. and bld., James Doherty, 195 Adams St.

BUILDING INTELLIGENCE.

(Stables Continued.)

Manville, R. I.—One-and-one-half-st'y frame stable, 28' x 40'; \$600; own., Elmer C. Vose; arch., P. D. West, Woonsocket.

Newton, Mass.—Parker St., two-st'y frame stable, 45' x 48', pitch roof; \$3,000; own., C. H. Bacall; bld., Rich Bros.; arch., Cabot, Everett & Mead, Boston.

New York, N. Y.—West Tenth St., Nos. 260-262, five-st'y brick stable, 42' x 74'; \$17,000; own., Chas. E. Fleming, 208 Lewis St.; bld., H. Spearing.

West Tenth St., No. 260, five-st'y brick stable; \$17,000; own., C. E. Fleming, 19 East 67th St.; bld., H. Spearing.

Westchester Ave., nr. Bergen Ave., two-st'y brick stable; \$15,000; own., John McGavock, 1168 East 169th St.; arch., Wm. C. Dickerson, 3d Ave. and 149th St.

Cherry St., nr. Pike St., five-st'y brick and blue-stone stable, 40' x 120'; \$25,000; own., C. H. Meyer, 74 Pike St.; arch., Max Muller, 21 Centre St.

Somerville, Mass.—Moreland St., No. 93, one-st'y frame stable, 20' x 17', pitch roof; \$300; own. and bld., Wm. J. Martin.

STORES.

Brooklyn, N. Y.—Knickerbocker Ave., w s, 50' n Stanhope St., 2 three-st'y frame stores and dwell., 25' x 62', tin roofs; \$8,400; own., Wolbech & Ruibmann, 206 Knickerbocker Ave.; arch., W. B. Willis, 17 Troutman St.; bld., H. Wolbech, 206 Knickerbocker Ave.

New York, N. Y.—Broadway, cor. Spring St., eleven-st'y brick and stone store and loft building, 25' x 100'; \$250,000; own., Joseph L. Buttenweiser, 27 Pine St.; arch., Brunner & Tryon.

TENEMENT-HOUSES.

Cambridge, Mass.—Lincoln St., No. 91, three-st'y tenement of 9 flats, 26' x 46' x 70', flat roof, stoves; \$8,000; own., Flammard & Lynch; bld., Patterson & Fox, 10 Oak Circle.

Everett, Mass.—Ferry and Woodward Sts., three-st'y frame building for 2 stores and 4 tenements, 50' x 48', flat roof, furnace; \$6,000; own. and bld., R. D. Sprague, Woodward St.

Lowell, Mass.—Liberty St., three-st'y frame store and tenement, 40' x 62', flat roof, steam; \$7,000; own., John E. Foster; bld., Geo. W. Pearson; arch., Fred C. Miller.

New York, N. Y.—East Houston St., No. 312, six-st'y brick store and tenement, 24' 9' x 82'; \$23,000; own., Wm. Prager and Pincus Lowenfeld, 145 Broadway; arch., G. Fred Pelham, 503 Fifth Ave.

One Hundred and Forty-ninth St., nr. Brook Ave., 7 four-st'y and basement brick and stone tenements, 25' x 75'; \$105,000; own. and bld., James Barry; arch., Wm. C. Dickerson.

St. Ann's Ave., nr. 141st St., 6 four-st'y brick tenements, 30' x 60'; \$84,000; own., Wm. C. Oesting; arch., Edward Wenz, 1491 Third Ave.

Mulberry St., cor. Park St., five-st'y brick flat and store, 25' x 85'; \$26,000; own., George R. Schefflein, 11 Williams St.; arch., Franklin Bylles, Bible House.

East Third St., No. 101, six-st'y brick and stone tenement, 25' x 88'; \$27,000; own., Jacob Klingenstein, 235 East 60th St.; arch., Geo. F. Pelham.

WAREHOUSES.

Milwaukee, Wis.—Second and Sycamore Sts., six-st'y brick warehouse; \$35,000; own., G. A. & H. F. Seefeld; arch., H. C. Koeh & Co.; general contract let.

New York, N. Y.—Fourteenth St., e 10th Ave., six-st'y brick, stone and terra-cotta warehouse; \$100,000; own., Henry Eggers, 666 Hudson St.; arch., Thos. R. Jackson, 61 Broadway.

Spring St., nr. Wooster, eight-st'y fireproof, brick, iron and stone store and loft building, 25' x 100'; \$50,000; own., Geo. A. Saward, 150 Broadway; arch., Geo. F. Pelham, 503 Fifth Ave.

William and Frankfort Sts., twelve-st'y brick store and lofts; 83' x 117'; \$350,000; own., John Pettit, 93 Nassau St.; arch., J. M. Farnsworth.

Broadway, No. 830, eleven-st'y brick store and lofts, 21' x 120'; own., F. H. Mela, 13 Astor Pl.; arch., Cleverdon & Putzel, 18 Astor Pl.

Thirty-second St., e 1st Ave., 3 six-st'y warehouses, 94' x 150'; \$45,000; own., Clark & Allen, ft. of 23d St.

Hudson St., cor. North Moore St., six-st'y brick warehouse, 30' x 88'; \$40,000; own., Jos. H. Beams, 10 Hubert St.; arch., Julius Kastner, 74 Broadway.

Wooster St., eight-st'y brick and stone store and loft building, 50' x 100'; \$100,000; own. and bld., M. J. Barrow, 871 Eighth Ave.

(Continued on page vi.)



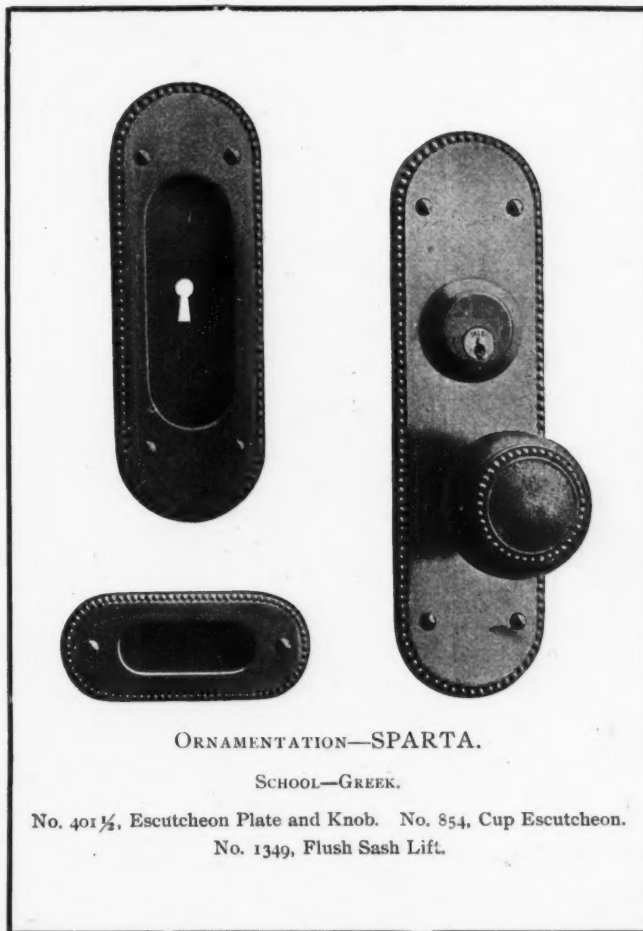
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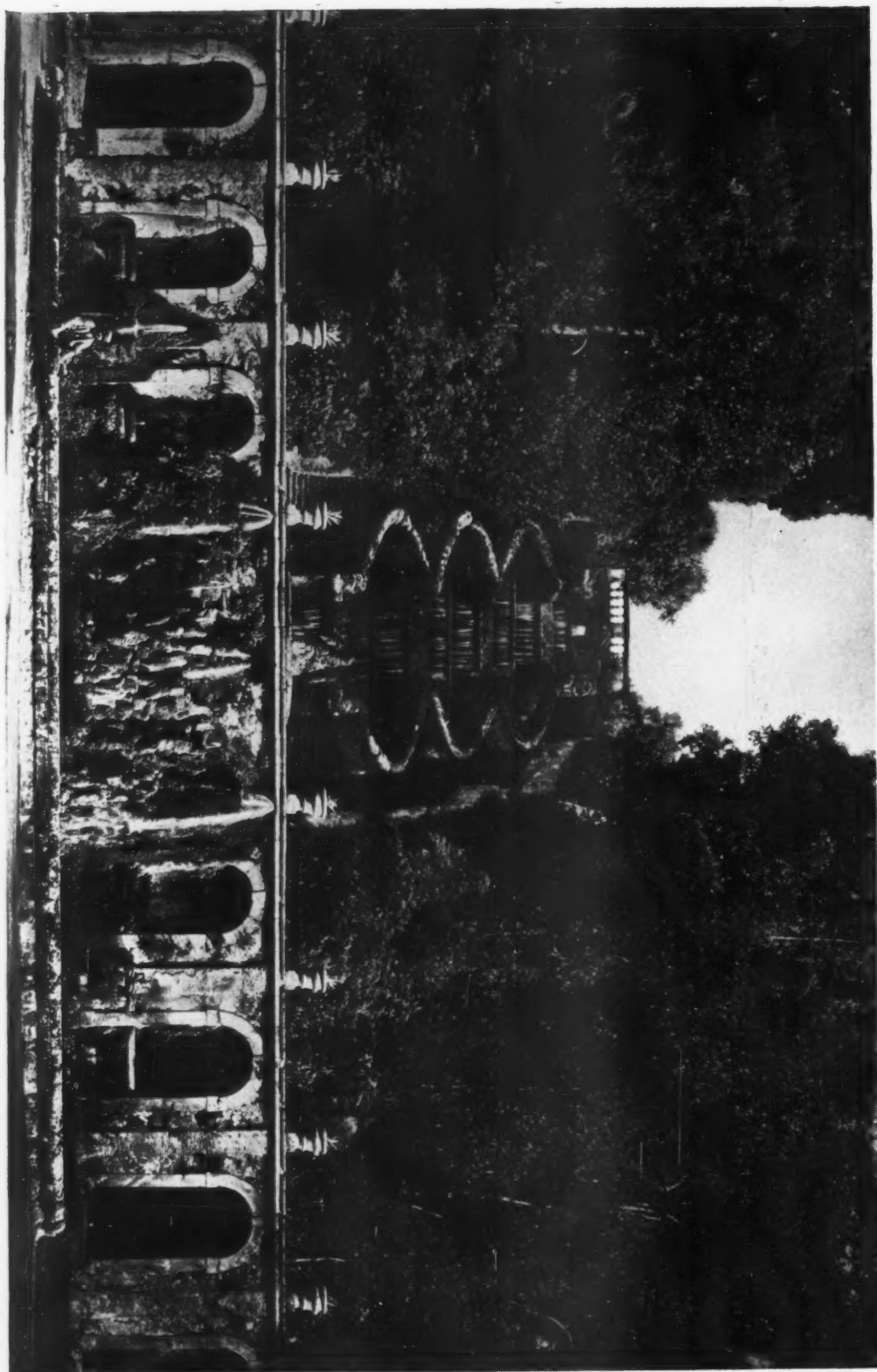
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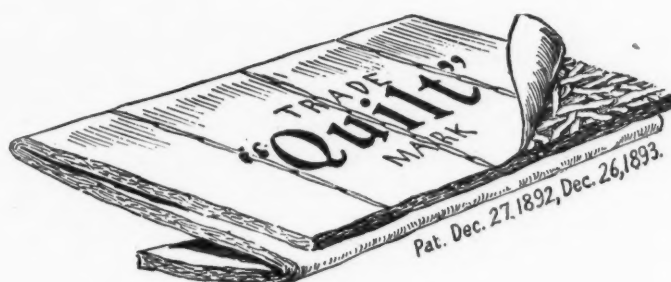
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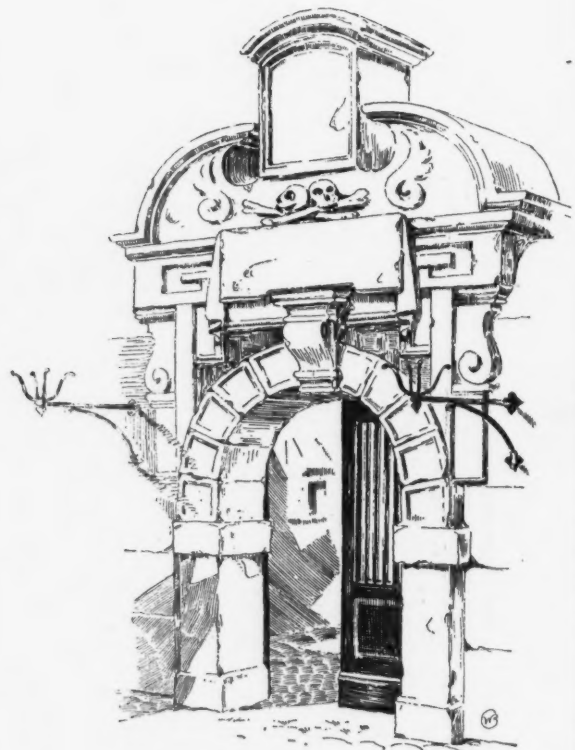
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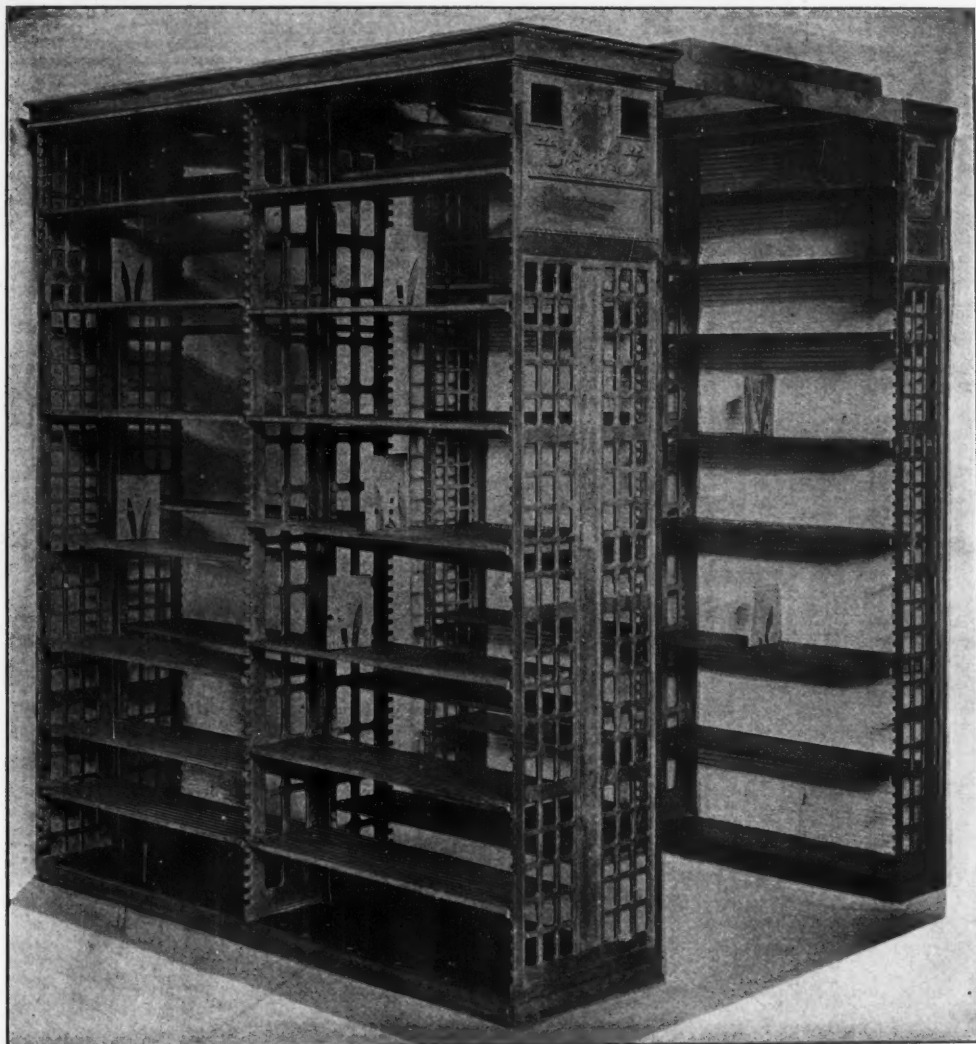


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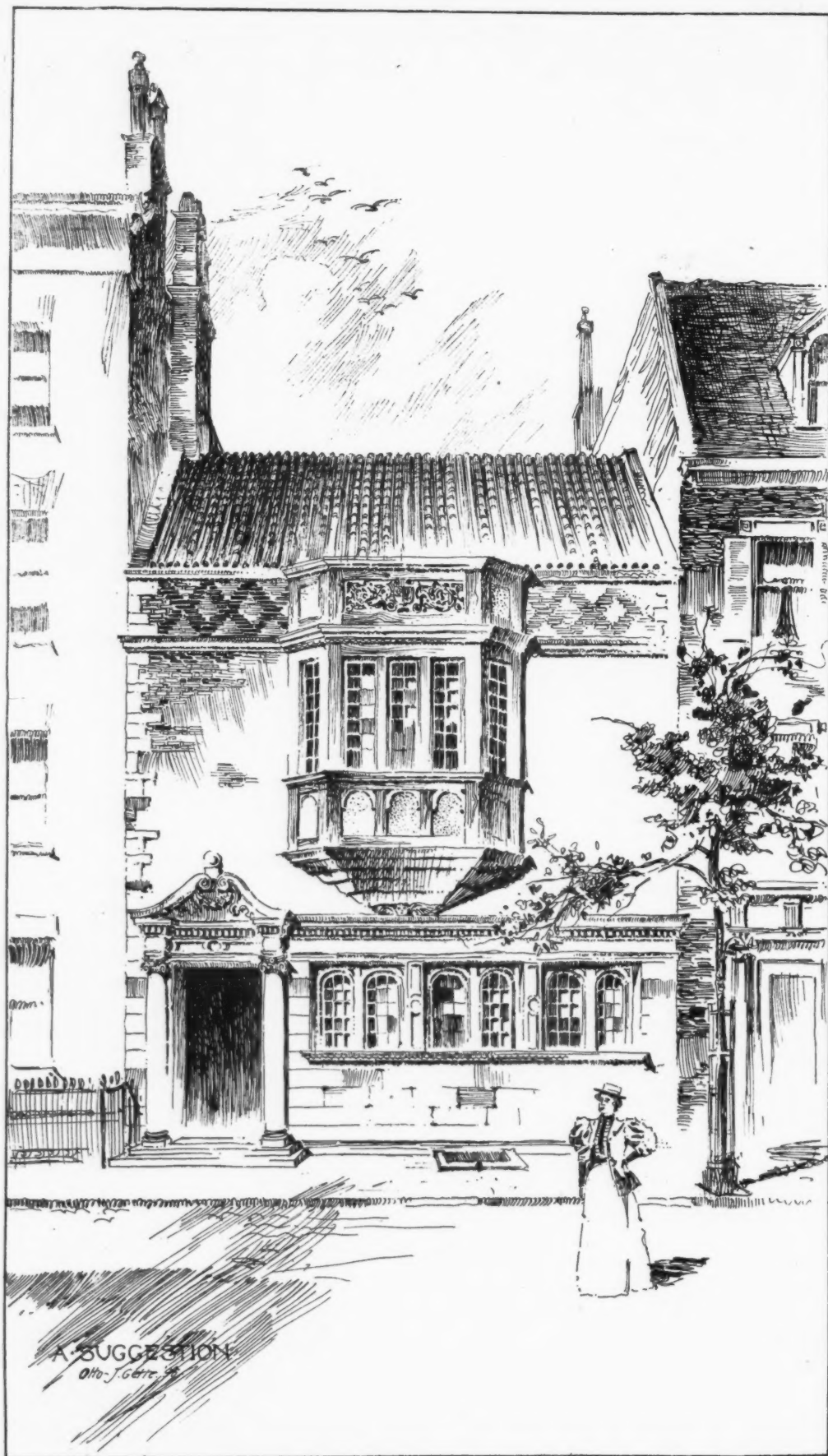
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(Apartment-Houses Continued.)

East Twenty-first St., Nos. 222-223, 3 five-sty brick and stone flats, 62' x 77' 6"; \$35,000; own, Henry Gunkler, 153 Second Ave.; arch., Chas. Rentz, 153 Fourth Ave.

One Hundred and Forty-eighth St., w Brook Ave., 2 four-sty brick flats, 25' x 75', each; \$15,000; own and bld., P. J. Cooney, 803 One Hundred and Forty-eighth St.; arch., A. F. A. Schmidt, 604 Courtlandt Ave.

East Eighty-fourth St., No. 312, five-sty brick and stone flat; \$20,000; own and bld., W. F. Cunningham, 247 East 83d St.; arch., Chas. Stegmayer, 306 East 83d St.

Ireling Pl., No. 76, six-sty brick flat, 28' x 100'; \$40,000; own, Pauline Scheible, 172 Fifth Ave.; arch., Lyndon P. Smith, 258 Broadway.

East One Hundred and Twenty-third St., No. 212, five-sty brick and stone flat, 25' x 87'; \$19,000; own, Henry F. Wirth, 145 Delany St.; arch., Kurtzer & Rohl, 1 Third Ave.

Fifth Ave., nr. 114th St., 5 five-sty brick and stone flats, 25' x 80'; \$90,000; own, Henry Rothschild; arch., Geo. F. Pelham, 103 Fifth Ave.

One Hundred and Twelfth St., e 7th Ave., 5 five-sty brick flats, 30' x 80'; \$150,000; own, Walter Reid, 156 Fifth Ave.; arch., S. B. Ogden & Son, Madison Ave.

One Hundred and Fourth St., e Columbus Ave., 5 five-sty brick flats, 37' x 84'; \$128,000; own and bld., Wm. Cunningham, 27 West 97th St.; arch., Geo. F. Pelham.

Madison St., No. 402, five-sty brick flat and stores, 25' x 87'; \$22,000; own, Jas. Phelan, 33 Downing St.; arch., G. F. Pelham.

One Hundred and Forty-sixth St., w St. Ann's Ave., five-sty brick flat, 25' x 89'; \$22,000; own, Martin Tulley, 734 East 145th St.; arch., H. Howell.

St. Louis, Mo.—Two two-sty stores and flats, s s Russell St., bet. Vandeventer & Lawrence Sts.; \$11,300; own, E. A. Steinhilber.

Watertown, Mass.—Riverside St., three-sty frame apart., 40' x 50', flat roof, stores; \$10,000; own, Mrs. Alice M. Silsbee; arch., Albertson F. Haynes, 8 Marshall St.; not let.

CHURCHES.

Rushville, Ind.—Brick and stone Roman Catholic Church, 60' x 100', slate roof; \$25,000; own, Marfe Immaculate Church; arch., Wm. N. Bowman, Indianapolis; bld., Pierson & Son, Indianapolis.

EDUCATIONAL.

Cincinnati, O.—Golden Ave., cor Delta Ave., three-sty brick and stone school; \$63,000; own, City of Cincinnati; arch., H. E. Siter.

New Bedford, Mass.—Brook Ave., two-sty brick school, 8 rooms, 30' x 100', slate roof; \$35,000; own, City of New Bedford; arch., C. Hammond & Son.

North Adams, Mass.—Three-sty brick and iron parochial school, 70' x 90', 15 rooms, tin roof, steam; \$30,000; own, Notre Dame Society, Rev. Fr. C. H. Jeannotte; arch., E. T. Barlow.

HOTELS.

New York, N. Y.—West St., cor. Barrows St., six-sty brick hotel, 48' x 70'; \$68,000; own, Wm. Farrell, 146 Barrow St.; arch., Julius Munkwitz, 247 West 125th St.

HOUSES.

Athol, Mass.—Two-and-one-half-sty frame dwell., pitch roof, furnace; \$5,000; own, J. W. Starrett; arch., Lucien L. Bridge; not let.

Two-and-one-half-sty frame dwell., pitch roof, steam; \$6,000; own, A. F. Tyler; arch., Lucien L. Bridge; not let.

Baltimore, Md.—Four three-sty frame dwell., 29' x 40', Baker St., bet. 8th and 9th Sts.; own, W. J. Daley.

Two three-sty brick dwell., e s Park Ave., bet. Wilson and McMechin Sts.; own, J. K. Shaw, 1611 Park Ave.

Eight three-sty brick dwell., s s North Ave., bet. Broadway and Bond Sts.; own, Wm. J. Clendenin, 1536 North Broadway.

Three two-sty brick dwell., w s Calhoun St., bet. Hollins and Baltimore Sts.; own, Otto Schaub, 1325 West Baltimore St.

Boston, Mass.—Armadine St., nr. Washington St., Ward 24, two-sty frame dwell., 23' x 42', pitch roof, furnace; \$4,500; own, Sarah J. Sullivan, Milton Ave.; bld., McKay Bros.

Fairmount Ave., No. 34, Ward 24, two-sty frame dwell., 28' x 50', pitch roof, furnace; \$5,000; own and bld., D. A. Cobb & Co., 17 Ashmont St.

Cedar St., Nos. 75-77, Ward 21, three-sty frame dwell., 21' x 70', flat roof, stores; \$9,000; own and bld., David A. Hutchinson, on premises.

Lamarine St., No. 192, Ward 22, two-and-one-half-sty frame dwell. and store, 26' x 55', hip roof, hot water; \$7,000; own, Paul Abel, on premises; arch., J. Luppold; not let.

Tremont St., nr. Calumet St., Ward 19, 5 three-sty dwell. and stores, 25' x 62', flat roof, steam; \$20,000; own, Jer. J. McNamara; bld., Jos. Imhof; arch., W. H. Besarick, 14 Kilby St.

Lonsdale St., nr. Dorchester Ave., Ward 24, 5 two-sty frame dwell., 25' x 45', pitch roof, furnace; \$20,000; own, Hattie A. Wood; bld., J. L. Wood, on premises.

Rosedale St., nr. Washington St., Ward 20, two-sty frame dwell., 30' x 36', pitch roof, furnace; \$5,000; own and bld., G. L. Davidson, 69 Harvard St.

Chambers St. Court, Nos. 2-3-4-5, Ward 8, 4 brick dwell., various dimensions, flat roof, stores; \$15,000; own, Abraham Diamond, 15 Spring St.; arch., W. E. Clark, 15 Court Sq.

Pond St., nr. Edison Green, Ward 16, three-sty frame dwell., 25' x 39', flat roof, stores; \$4,500; own and bld., Jas. A. Boyd, Roseclair St.

Parsons St., No. 12, Ward 25, two-sty frame dwell., 30' x 40', pitch roof; \$6,000; own, Dr. Geo. H. Lee, 10 Parsons St.; bld., J. A. Dooley; arch., Winslow & Wetherell.

Bicknell St., nr. White St., Ward 20, two-and-one-half-sty frame dwell., 34' x 48', pitch roof, furnace; \$6,000; own and bld., J. H. Davidson, 12 Spencer St., Dorchester.

Spencer St., nr. Park St., Ward 20, 2 three-sty frame dwell., 22' x 58', flat roof, furnace; \$10,000; own and bld., Wm. Mullen, 414 Columbia St., Cambridge.

Kennore St., nr. Commonwealth Ave., Ward 11, three-sty brick dwell., 25' x 70', flat roof, steam; \$15,000; own, B. Borenderg; arch., Jas. T. Kelley.

Chelsea St., Nos. 19-21, Ward 5, brick dwell. and store, 24' x 17' x 93', flat roof, stores; \$12,000; own.

(Houses Continued.)

and bld., Donovan & Brook, 38 Winthrop St., Charlestown.

Atherton St., nr. Fuller St., Ward 22, 2 two-sty frame dwell., 20' x 32', pitch roof, furnace; \$8,000; own and bld., C. S. DeLong, Medford.

Brookline, Mass.—Naples Road, nr. Clarence St., two-and-one-half-sty frame dwell., 34' x 43', pitch roof, hot water; \$9,000; own and bld., D. H. McKay, 28 School St., Boston.

Naples Road, 2 frame dwell., 40' x 40', hip roof, hot water, \$17,000; own and bld., D. H. McKay, Boston.

Devon Road, two-and-one-half-sty, frame dwell., 70' x 42', pitch roof, furnace; \$10,000; own, Herbert Nash; bld., Wm. Pettigrew, West Newton; arch., Chapman, Frazer & Blinn, Boston.

Brooklyn, N. Y.—Greene Ave., n s, 300' e Knickerbocker Ave., 2 three-sty brick dwell., 30' x 65', tin roofs; \$14,000; own, E. Esswein, 287 Evergreen Ave.; arch., E. Dennis, 115 Himrod St.

Schaefer St., s s, 100' e Central Ave., 5 three-sty frame dwell., 20' x 50', tin roofs; \$14,000; own, Jas. Gascoine, 1223 Bushwick Ave.; arch., C. D. Homel, 41 Woodbine St.; bld., A. Kaufman, 1072 Halsey St.

Coney Island Ave., e s, 95' n Avenue G, 2 three-sty frame dwell., 20' x 62', tin roofs; \$7,000; own and bld., J. Bossett, East 11th St. and Avenue C; arch., Th. Engelhardt, 905 Broadway.

Third Ave., s e cor. 59th St., four-sty brick dwell., 25' 8" x 84', gravel roof; \$8,000; own, arch. and bld., Chas. Hart, 581 Third St.

Beach, Thirty-eighth St., s w cor. Atlantic Ave., one-sty frame dwell., 30' 6" x 42', shingle roof; \$5,000; own, Wm. C. Matlack, Elizabeth, N. J.; arch., H. E. Harguard, Richmond Hill; bld., Harguard Bros., Richmond Hill.

Eighty-third St., s s, 140' e 23d Ave., 2 two-sty and attic frame dwell., 14' x 37', shingle roofs; \$5,000; own, Thos. Burchell, 412 Broadway, New York; arch., C. Schubert, Bath Beach, P. O.; bld., E. G. Vail, 730 Halsey St.

Hamburg Ave., w s, 25' and 75' n Linden St., 2 three-sty frame dwell., 25' x 64', tin roofs; \$9,000; own and bld., A. Amann & Son, 266 Jefferson St.; arch., W. B. Mills, 17 Troutman St.

Tennis Court, n s, 175' w Ocean Ave., two-sty and attic frame dwell., 28' x 45', shingle roof; \$6,000; own, J. B. Hicks, on premises; arch., J. J. Pettit, 186 Remsen St.; bld., A. & E. Gauply, 15 Spencer St.

Central Valley, N. Y.—Two-and-one-half-sty frame dwell., 30' x 60'; \$10,000; own, Herman Grahbs; arch., John G. Glover, 186 Remsen St., Brooklyn.

Chicago, Ill.—Geo. R. Day, 4 two-sty brick dwell., 4930-4936 St. Lawrence Ave.; \$24,000.

E. A. McClelland, 2 two-sty brick dwell., 6825-6827 Kimbark Ave.; \$11,000.

Cincinnati, O.—Jefferson Ave., two-and-one-half-sty brick dwell.; \$5,000; own, Lillian West; con., Volpenheim & Orben; arch., Sweeney & Robinson.

Danbury, Conn.—Three-sty granite and field stone dwell., 40' x 85', slate roof, steam; \$25,000; own, E. Starr Sanford; arch., E. G. W. Dietrich, 18 Broadway, New York City; not let.

Groten, Conn.—Eastern Point, two-and-one-half-sty frame dwell., 35' x 50', pitch roof; \$6,000; own and bld., Sanford Moch.

Hartford, Conn.—Farmington Ave., two-and-one-half-sty frame dwell., 40' x 51', pitch roof, steam; \$12,000; own, Mrs. J. I. C. Barnard; arch., Curtis & Johnson, 233 Asylum St.; not let.

Lawrence, Mass.—Haverhill St., two-sty frame dwell., 29' x 67', hip roof, furnace; \$5,000; own, Dennis Cassidy; arch., John Ashton, 457 Essex St.

Andover St., two-sty frame dwell., 50' x 70', pitch roof, furnace; \$5,000; own, R. Ellis; arch., John Ashton.

Lenox, Mass.—Three-sty brick and stone dwell., 150' x 130', slate roof, steam; \$100,000; own, Giraud Foster, 143 Liberty St., New York City; bld., V. J. Hedden & Son, New York City; arch., Carrère & Hastings, New York City.

Lowell, Mass.—Beacon and Third Sts., two-and-one-half-sty frame dwell., 41' x 44', hip roof; \$5,200; own and arch., Arthur M. Burr, 40 Central St.; bld., C. H. Burr.

Lynn, Mass.—Mountain Ave., two-and-one-half-sty frame dwell., 28' x 38', gambrel roof, furnace; \$4,800; own, Miss M. R. Call; arch., A. W. Call, 54 Central Ave.

Malden, Mass.—Hastings St., two-and-one-half-sty frame dwell., 40' x 43', pitch roof, furnace; \$6,500; own, E. H. Wiggins, 161 Pleasant St.; bld., W. D. Holt; arch., C. T. & R. D. McFarland, 2A Beacon St., Boston.

Medford, Mass.—Bradshaw St., No. 12, two-and-one-half-sty frame dwell., 25' x 44', pitch roof; furnace; \$5,000; own, J. S. Fonner, 16 Pembroke St.

Mt. Carmel, Conn.—Two-and-one-half-sty brick and frame dwell., 60' x 45'; \$15,000; own, Wm. Brewster, 15-1 Broadway, New York City; arch., Stephenson & Greene, 5 Beekman St., New York City.

New Bedford, Mass.—Cottage St., two-and-one-half-sty frame dwell., 38' x 40', pitch roof; \$6,000; own, Dr. W. R. Channing; arch. Nathl. C. Smith; not let.

New London, Conn.—Montauk Ave., two-and-one-half-sty frame dwell., 28' x 40', pitch roof, steam; \$6,500; own, Thos. Bodenwein; bld., F. M. Sherman heirs; arch., James Sweeney.

New York, N. Y.—West Eighty-sixth St., No. 324, four-sty brick dwell., 25' x 55'; \$20,000; own, Caroline Seligman, 40 West 71st St.; arch., Brunner & Tryon, 36 Union Sq.

Hamilton Terrace, cor. 144th St., 6 three-sty brick dwell., 16' x 62'; \$7,000; own, H. W. Powell, 40 West 126th St.; arch., Neville & Bagge.

Audubon Ave., cor. 173d St., 6 four-sty brick dwell., 16' x 50'; \$50,000; own, Jos. Kusner, 558 West 182d St.; arch., Thom & Wilson, 111 Fifth Ave.; bld., M. Zimmerman & Co.

Thirty-fifth St., w Park Ave., five-sty brick dwell., 29' x 98'; \$40,000; own, Francis P. Kinnicut, 42 West 37th St.

One Hundred and Forty-ninth St., w Boulevard, 5 three-sty brick dwell.; \$50,000; own, Wm. Wable, 462 West 146th St.; arch., C. Steinmetz, 217 West 125 St.

Ninety-third St., nr. West End Ave., 3 four-sty brick dwell., 17' x 58'; \$45,000; own, Wm. W. & Thos. M. Hall, 503 Third Ave.

(Houses Continued.)

Seventy-third St., e Riverside Drive, five-sty brick dwell., 30' x 79'; \$55,000; own, Wm. L. Trenholm, 100 Broadway; arch., C. F. H. Gilbert, 18 Broadway.

Ninety-third St., w Boulevard, 4 four-sty brick dwell., 19' x 54'; \$55,000; own, Alexander Walker; arch., Geo. F. Pelham, 503 Fifth Ave.

West One Hundred and Fifty-fourth St., No. 424, three-sty brick and stone dwell., 23' x 55'; \$18,000; own, Gideon E. Fountain, 119 Madison Ave.; arch., Neville & Bagge.

One Hundred and Sixty-first St., e Boulevard, 15 three-sty and basement brick dwell., each 19' x 50'; \$200,000; own, Wm. Broadbent, 741 St. Nicholas Ave.; arch., Neville & Bagge.

Portland, Me.—Two-sty frame dwell., 35' x 50', pitch roof, furnace; \$5,000; own, J. L. Brackett; bld., J. W. Barrows.

Washington, D. C.—Fourteen three-sty brick dwell., various dimensions, mansard roofs, steam heat; \$98,000; own, C. W. Simpson; bld., W. A. Kimmell; arch., Morgan & Johnson, 1114 F St.

Worcester, Mass.—Knollwood Ave., two-and-one-half-sty frame dwell.; own and con. C. A. Stone.

Gates St., 2 three-sty frame dwell.; own and con. G. Fournier.

Highland St., two-sty frame dwell.; own, Geo. A. Park; arch., Edwin T. Chapin; con., Tupper & Skogland.

MERCANTILE BUILDINGS.

Great Barrington, Mass.—Main St., two-sty brick and iron block, 50' x 90', comp. roof, steam; \$8,000; own, Ray & Small; bld., Lax & Viola; arch., J. McArthur Vance, Pittsfield.

Middletown, Conn.—Main St., three-sty brick block, 60' x 129', comp. roof, steam; \$12,000; own, J. E. Bacon; arch., H. M. Jones, Meriden.

New Bedford, Mass.—Purchase St., five-sty brick and iron business block, 62' x 84', flat roof, steam; \$42,000; own, Frank B. Slocum; arch., Nathl. C. Smith.

New Haven, Conn.—Grand Ave., three-sty brick block, 32' x 65', comp. roof, steam; \$10,000; own, C. H. Conway, 305 Grand Ave.; arch., Brown & Von Beren; not let.

South Framingham, Mass.—Main St., four-sty brick and iron block, 53' x 86', comp. roof, steam; \$20,000; own, H. F. Twombly; arch., C. E. Barnes & Co.; not let.

Main St., four-sty stone and iron block, 86' x 121', comp. roof, steam; \$60,000; own, Concord Building Co.; arch., Peabody & Stearns, Boston.

STABLES.

Malden, Mass.—Cherry St., one-and-one-half-sty frame stable, 20' x 20', hip roof; \$400; own, Mary W. Alden, 112 Porter St.; bld., O. F. Alden.

New York, N. Y.—East One Hundred and Fifth St., No. 315, three-sty brick stable, 20' x 90'; \$9,000; own, Annie Dooley, 315 East 105th St.; arch., John H. Knobel.

STORES.

Brooklyn, N. Y.—Boerum Place, n e cor. Dean St., four-sty brick store and dwell., 42' x 22', tin roof; \$6,000; own and bld., Jas. Harter, 24 Dean St.; arch., C. F. Elenach, 59 Court St.

Hamburg Ave., n w cor. Linden St., three-sty frame store and dwell., 25' x 64', tin roof; \$5,000; own and bld., A. Amann & Son, 266 Jefferson St.; arch., W. B. Mills, 17 Troutman St.

Chicago, Ill.—W. R. Weilboldt, three-sty brick store, 1304-1308 Belmont Ave.; \$32,000.

TENEMENT-HOUSES.

Boston, Mass.—Myrtle St., Ward 8, five-sty brick tenement of 10 flats, 19' x 25', flat roofs; \$20,000; own and bld., Israel Silberstein; arch., C. A. Halstrom.

Grove Sq., Ward 11, five-sty brick tenement for 10 families, 19' x 72', flat roof, stores; \$20,000; own and bld., Israel Silberstein; arch., C. A. Halstrom.

Everett, Mass.—Ferry St. and Broadway, three-sty frame block for 9 stores, 18 flats, 22' x 55', flat roof; \$20,000; own, J. C. Harrington, on premises; arch., G. H. Ward, 380 Main St., W. Everett.

Lowell, Mass.—Moody St., four-sty frame tenement, 35' x 130', for 16 families, flat roof, stores; \$12,000; own, M. O. Flahaven; arch., W. L. Floyd, Shattuck St.; not let.

New York, N. Y.—East Third St., Nos. 54-56, six-sty brick and brown-stone tenement, 34' x 37.5' x 90'; \$30,000; own, Abraham Silverman; arch., Schneider & Herter, 48 Bible House.

WAREHOUSES.

Baltimore, Md.—Three-sty brick warehouse, 20' x 91', n e cor. Pratt and Sharp Sts.; own, Hy Knufely & Son, 5 East Pratt St.

New York, N. Y.—West Broadway, Nos. 542-544, six-sty brick and terra-cotta store and lofts; \$70,000; own, Chas. H. Taylor, 35 Nassau St.; arch., Julius Franke, 287 Fourth Ave.

Twenty-third St., nr. 2d Ave., six-sty brick and stone store and warehouse, 53' x 90'; \$65,000; own, Herbert L. Mason, 393 Pleasant Ave.; arch., Neville & Bagge, 217 West 125th St.

MISCELLANEOUS.

Brooklyn, N. Y.—Christopher Ave., e s, 100' s Eastern Parkway, four-sty brick tailor shop, 50' x 100', tin roof; \$15,000; own, Mendel Gottinger & Isaac Grose, 1850 Eastern Parkway; arch., Louis Danacher, Belmont, cor. Thalford Ave.

Cincinnati, O.—Cutter St., cor. Laurel St., brick and stone engine-house, 25' x 100'; \$15,000. own, Board of Fire Commissioners; arch., Andrew R. James.

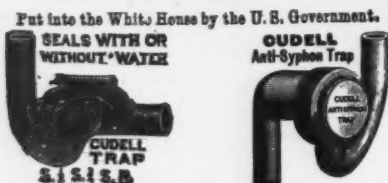
COMPETITIONS.

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see American Architect for January 23, 1897.

PROPOSALS.

LATIN SCHOOL BUILDING. [At Cambridge, Mass.]

Proposals are wanted until February 27, for brick and stone Latin School Building. Plans, etc., at office of Superintendent of Public Buildings, Cambridge, or at office of Hartwell, Richardson & Driver, Architects, 62 Devonshire St., Boston. Address WM.



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PROPOSALS.

H. GRAY, Superintendent of Public Buildings, Cambridge. 1104

Treasury Department, Office Supervising Architect, Washington, D. C., February 3, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31 day of March, 1897, and opened immediately thereafter, for furnishing all the labor and material required for the rebuilding and completion of the United States Custom-house and Post-office at St. Albans, Vermont (Heating-apparatus not included), in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at St. Albans, Vt. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1104

HEATING AND VENTILATING.

[At Cincinnati, O.]
Proposals are wanted until March 1, for heating and ventilating for eighteen-room school-house to be built on corner of Findlay and Hremon Sts. Address BOARD OF EDUCATION, as above. 1104

PIERS.

[At Boston, Mass.]
Proposals are wanted until February 16, for 2 wooden piers at the public pleasure-grounds between Copp's Hill and the Harbor. Plans, etc., at the office of City Engineer, City-hall. Address PARK COMMISSIONERS, 53 State St., as above. 1103

SCHOOL BUILDING.

[At Delaware, O.]
Proposals are wanted until February 24, for school building at the Girls' Industrial Home. Address B. H. MILLIKEN, President, Board of Trustees of the Home, as above. 1103

GATE-HOUSE.

[At Waltham, Mass.]
Proposals are wanted until February 19, for gate-house at the Winter St. dam. Plans, etc., at office of L. M. Hastings, City Engineer, Cambridge. Address CAMBRIDGE WATER BOARD, Cambridge. 1103

SUBWAY SECTION.

[At Boston, Mass.]
Proposals are wanted until February 24, for section 9, two and three track subway and station in Washington St., from Hanover St. to Adams Sq.

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PROPOSALS.

Address BOSTON TRANSIT COMMISSION, 20 Beacon St., as above. 1104

SCHOOL-HOUSE.

[At Boston, Mass.]
Separate proposals are wanted until February 24, for brick school-house on Prince St., for heating and ventilating system and for plumbing system for same. Plans, etc., at office of Peabody & Stearns, Architects, 53 State St. Address SECRETARY OF SCHOOL COMMITTEE, Mason St., as above. 1104

SCHOOL-HOUSE.

[At Boston, Mass.]
Separate proposals are wanted until February 15, for wooden primary school-house on corner Chestnut Hill Ave., and Chiswick Road, Brighton District, and for plumbing system for same. Plans, etc., at office of Lewis H. Bacon, Architect, 27 School St. Address SECRETARY OF SCHOOL COMMITTEE, Mason St., as above. 1103

Treasury Department, Office Supervising Architect, Washington, D. C., January 29, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of February, 1897, and opened immediately thereafter, for all the labor and materials and fixing in place complete a boiler plant, low-pressure, steam-heating and ventilating apparatus, hot and cold water-supply system, filtering plant, etc., for the United States Post-office building at Washington, D. C., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Washington, D. C.

PROPOSALS.

Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1103

COURT-HOUSE, ETC.

[At Fort Wayne, Ind.]
Proposals are wanted until February 25 for Allen County Court-house and power station. Plans, etc., at office of B. S. Tolan, Architect, or at office of County Auditor. Address BOARD OF COMMISSIONERS OF THE COUNTY OF ALLEN, as above. 1103

COURT-HOUSE.

[At McDonough, Ga.]
Proposals are wanted until February 23, for a County Court-house. Address T. H. STEWART, Chairman, as above. 1103

SCHOOL BUILDINGS.

[In South Dakota.]
Proposals are wanted until February 23, for one brick dormitory and school building near Chamberlain, S. D., and one near Rapid City, S. D. Plans, etc., at the Indian Office, Washington, D. C., and at the offices of the *Globe*, St. Paul, Minn.; the *Tribune*, Sioux City, Ia.; the *South Dakota Democrat*, Chamberlain, S. D.; and the *Black Hills Union*, Rapid City, S. D. Address COMMISSIONER OF INDIAN AFFAIRS, Washington, D. C. 1103

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[For pagination, see Alphabetical Index on Cover 3.]

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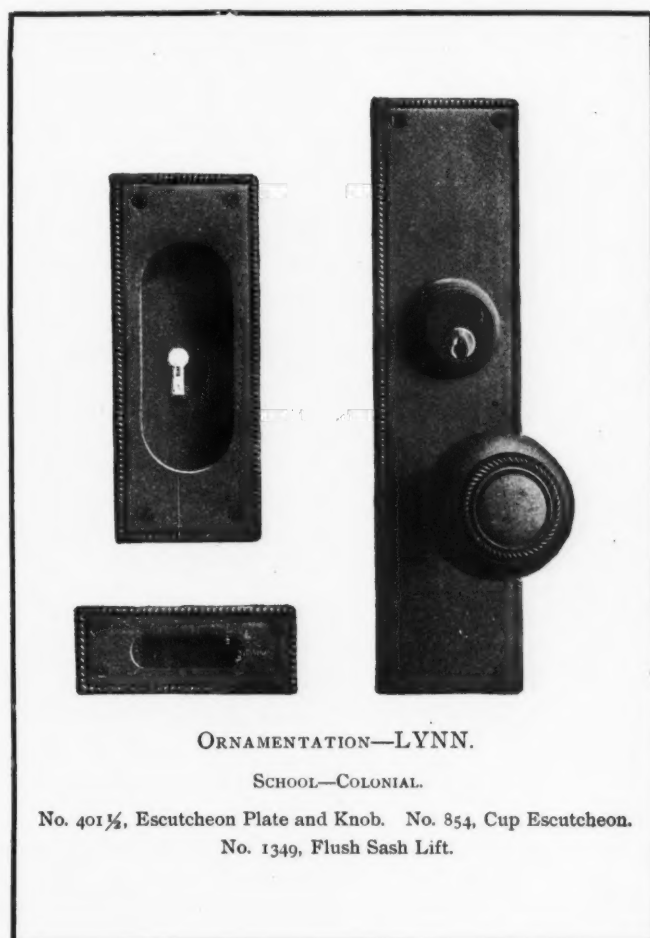
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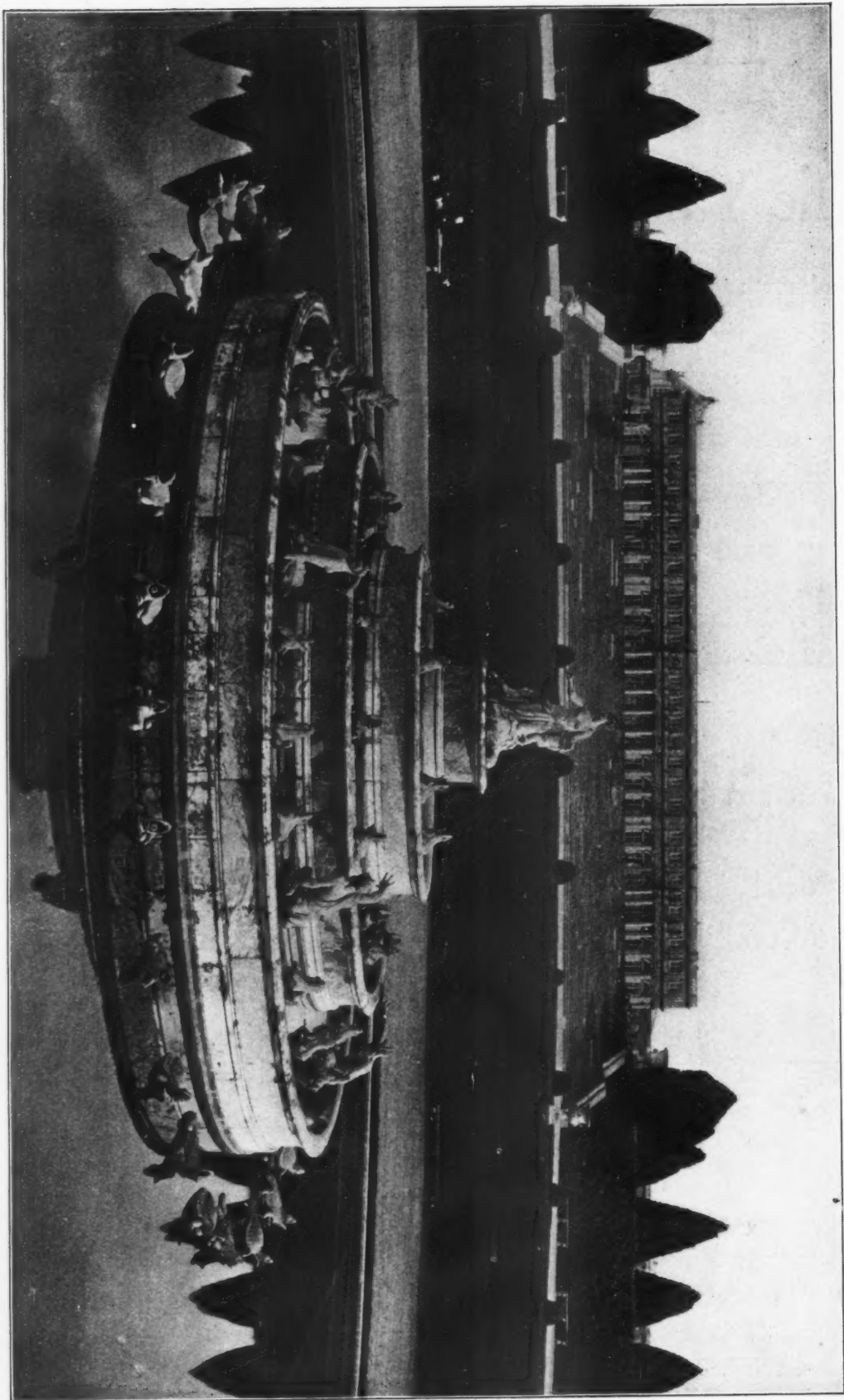
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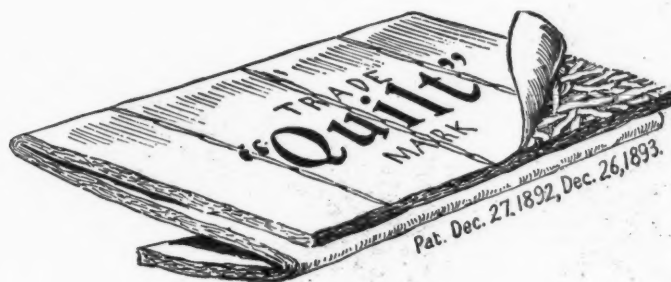
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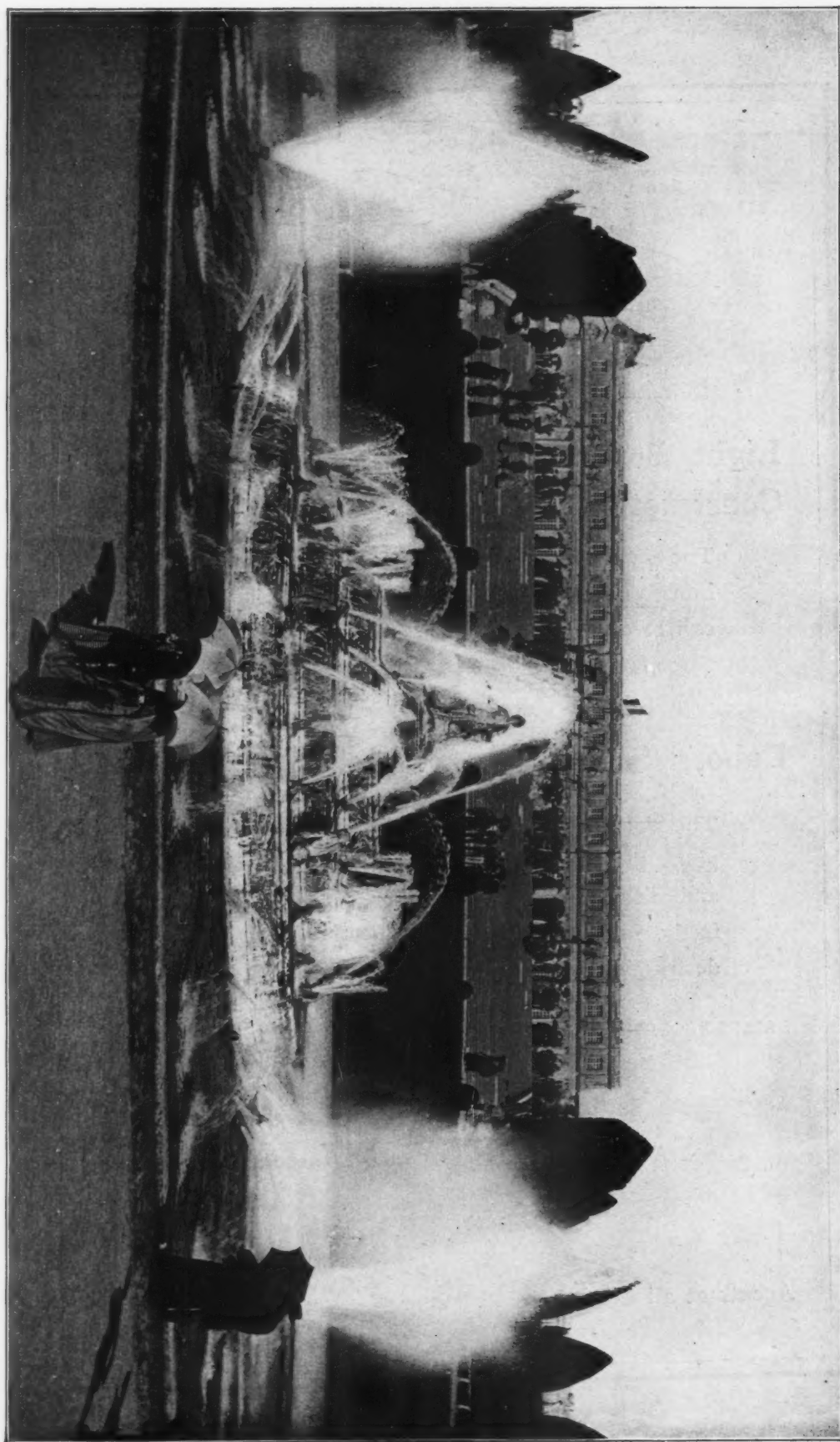
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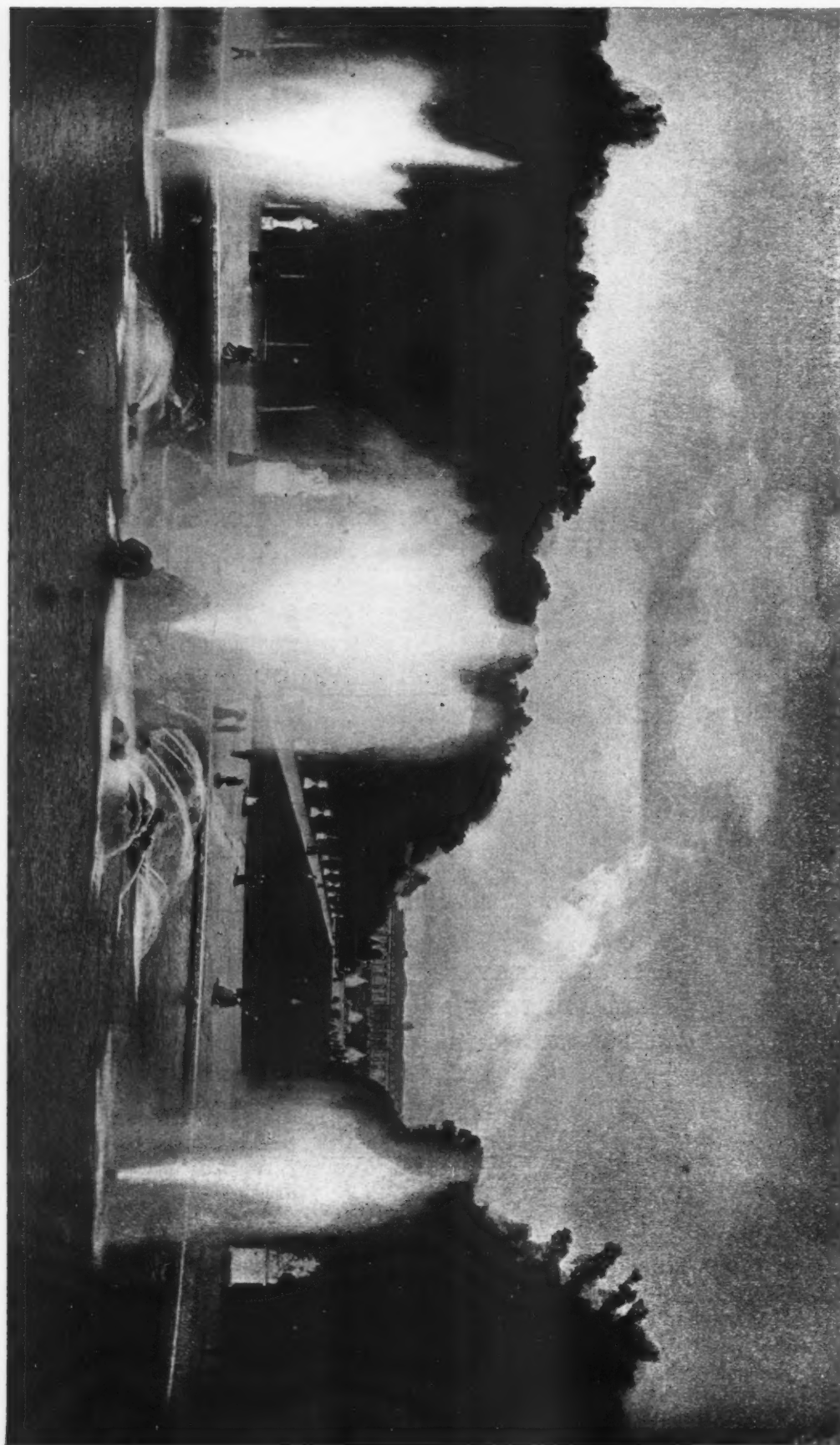


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Fulton Ave., w. s. bet. Windsor Mill Road and Baker St., 19 two-st'y brick dwells.; own., Robert Brooks.

Frederick Ave., s. s. w. Waters Lane, 2 two-st'y brick dwells.; own., Geo. W. Dorsey.

Beverly, Mass.—Dodge St., two-and-one-half-st'y frame dwell., 35' x 53', hip roof, furnace; \$5,000; own., Wm. Stoddard; arch., Geo. Swan.

Boston, Mass.—Terrace St., nr. Tremont St., Ward 19, 3 three-st'y brick dwells., 30' x 40', flat roofs, stoves; \$15,000; own., Saml. Currie, et als.; bld., John A. McLellan, 2556 Washington St.

Grove Ave., nr. Terrace St., Ward 19, 2 three-st'y brick dwells., 20' x 40', flat roofs; \$15,000; own., Saml. Currie, et als.; bld., John A. McLellan.

Edison St., nr. Dorchester Ave., Ward 20, two-st'y frame dwell., 25' x 37', pitch roof, furnace; own. and bld., C. F. Brennan, 304 Bowdoin St., Dorchester.

Longfellow St., nr. Topliff St., Ward 20, two-st'y frame dwell., 23' x 43', pitch roof, furnace; \$5,000; own. and bld., Arthur G. Brown, Centre St., Dorchester.

Harvest St., nr. Dorchester Ave., Ward 16, 2 two-st'y frame dwells., 25' x 44', pitch roofs, furnaces; \$9,000; own. and bld., R. H. McDowell, 6 Armandine St., Dorchester.

Gloucester St., nr. Fowler St., Ward 20, 2 three-st'y frame dwells., 23' x 49', flat roofs, furnaces; \$9,000; own. and bld., Wm. Mullin, 414 Columbia St., Cambridge.

Marion St., nr. Chelsea St., Ward 1, 2 three-st'y frame dwells., 21' x 46', flat roofs, stoves; \$8,000; own. and bld., Louis A. Ginsberg, 8 Henry St., East Boston.

Devon St., No. 91, Ward 20, three-st'y frame dwell., 24' x 56', flat roof, furnace; \$5,000; own. and bld., A. C. Chisholm, Devon St.

Samoset St., nr. Welles Ave., Ward 24, 5 two-st'y frame dwells., 24' x 35', pitch roofs, furnaces; \$18,000; own. and bld., C. F. Collett, 319 Tremont Bldg.; arch., Chas. E. Park.

Calumet St., nr. St. Alphonsus St., Ward 19, two-st'y frame dwell., 29' x 63', pitch roof, furnace; \$5,000; own., Ellen Toohey; bld., M. J. O'Brien; arch., Robt. A. Watson.

Huntington Ave., Nos. 776-782, Ward 19, 4 four-st'y brick dwells., 21' x 70', flat roofs, stoves; \$25,000; own. and bld., Thomas F. Maguire, 764 Huntington Ave.

Wait St., Nos. 3-19, Ward 19, 9 four-st'y brick dwells., 22' x 45', flat roofs, stoves; \$65,000; own. and bld., Thomas F. Maguire.

Harvard St., cor. Waterlow St., Ward 20, three-st'y frame store and dwell., 30' x 50', flat roof, hot water; \$6,500; own., H. R. Stone, 677 Shawmut Ave.; not let.

Parker St., nr. Hillside St., Ward 19, two-and-one-half-st'y frame dwell., 27' x 53', pitch roof; \$6,000; own., V. Koerber, 151 Terrace St.; bld., John E. Kelly.

Saratoga St., nr. Lewis St., Ward 2, 2 two-st'y frame dwells., 22' x 54', flat roofs, stoves; \$7,000; own. and bld., Goodwin & Rogers, 87 White St.

Brookton, Mass.—Monson St., two-and-one-half-st'y frame dwell., 25' x 42', pitch roof, furnace; \$5,000; own. and bld., H. R. Dimmock; arch., W. V. Howard.

Brooklyn, N. Y.—Bedford Ave., w. s. 24' n Hooper St., 5 four-st'y brick dwells., 28' x 69', tin roofs; \$50,000; own., Beer & Schaffner, 1124 Myrtle Ave.; arch., H. Vollweiler, 483 Hart St.

Fourth Pl., No. 61, four-st'y brick dwell., 25' x 62', tin roof; \$8,000; own. and arch., G. W. Kenny, 259 Ninth St.

Fifty-second St., s. s. 200' w 5th Ave., four-st'y brick dwell., 29' 6" x 71', tin roof; \$5,000; own., C. E. Hopkins, 53d St. and 5th Ave.; arch., H. L. Spicer, 204 Montague St.

Greene Ave., n. s. 189' e Sumner Ave., three-st'y brick dwell., 25' x 50', tin roof; \$8,000; own., A. Seharman, Pulaski St., cor. Hart St.; arch., Th. Engelhart, 905 Broadway; bld., John Reuger, 25 Moore St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Butler St., s. s. 175' e Franklin Ave., 6 two-st'y and basement brick dwells., 18' 4" x 47' 4", gravel roofs; \$21,000; own. and arch., E. S. Betts, 1297 Fulton St.; bld., F. P. Gavan, 1067 Pacific St.

Fifth St., No. 350, four-st'y brick dwell., 25' x 63', tin roof; \$8,000; own. and bld., Lester & Ryerson, 712 Carroll St.; arch., G. W. Kenny, 259 Ninth St.

Belmont Ave., s. s. 100' e Stone Ave., 2 four-st'y brick dwells., 25' x 73', tin roofs; \$7,600; own., S. & S. Wolf, 184 Christopher St.; arch., A. H. McGeehan, 2581 Atlantic Ave.; bld., Sol. Wolf, 184 Christopher St.

Fall River, Mass.—Lincoln Ave., two-and-one-half-st'y frame dwell., 40' x 46', pitch roof, furnace; \$10,000; own., Edw. H. Thomas, 2 Davol St.; bld., Leeming & Jones.

Fort Royal, Va.—One-st'y stone bungalow, 60' x 70', will be situated on the side of the mountain, tile or slate roof; cost about \$12,000; own., Henry A. Daimas; arch., Schermerhorn & Reinhold, 430 Walnut St., Philadelphia, Pa.

Haverford, Pa.—Three-st'y stone dwell., 20' x 90', shingle roof; cost about \$10,000; own., R. C. Griscom, Philadelphia; arch., Furness, Evans & Co., Provident Building, Philadelphia.

Haverhill, Mass.—Two-and-one-half-st'y frame dwell., 50' x 90', pitch roof, steam; \$15,000; own., Dr. I. E. Chase, 107 Winter St.; arch., E. A. P. Newcomb, Boston; not let.

Fountain St., two-and-one-half-st'y frame double dwell., 42' x 53', pitch roof; \$5,000; own., Robert Shaw; arch., Willis C. Damon.

Two-and-one-half-st'y frame dwell., 35' x 70', pitch roof, steam; \$10,000; own., Hazen B. Goodrich, 72 Washington St.; arch., J. Williams Beal, Boston.

Two-and-one-half-st'y frame dwell., 35' x 60', pitch roof, steam; \$15,000; own., Wilbur H. Gould, 60 Washington St.; arch., J. Williams Beal, Boston.

Medford, Mass.—Logan Ave., two-st'y frame dwell., 38' x 38', pitch roof, furnace; \$5,300; own. and bld., Ivan M. Johnson.

Newport, R. I.—Rhode Island Ave., two-and-one-half-st'y frame dwell., 72' x 90', pitch roof, steam; \$40,000; own., Stayresant Leroy, Mann Ave.; bld., H. Wilson & Allen H. Bishop; arch., Edwin Wilbur.

Newton, Mass.—Newton Boulevard, two-and-one-half-st'y frame dwell., 34' x 48', pitch roof; own., J. Martin Dill; arch., Tristram Griffin, Boston; not let.

Commonwealth Ave., two-st'y frame and stone dwell., 40' x 34', pitch roof, furnace; \$7,200; own. and bld., F. W. Smith, premises.

Nehoiden Road, two-st'y frame dwell., 40' x 30', pitch roof, furnace; \$6,500; own., F. S. Small; bld., J. G. Withur; arch., Saml. J. Brown, Boston.

Nehoiden Road, two-st'y frame dwell., 50' x 32', pitch roof, furnace; \$7,800; own., F. S. Small; bld., J. G. Withur; arch., Wm. F. Goodwin, Boston.

(Continued on page xviii.)

COMPETITIONS.

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see American Architect for January 23, 1897. t.f.

PROPOSALS.

HIGH SCHOOL-HOUSE. [At Toledo, O.] Proposals are wanted until March 1, for High School Building on block bounded by Madison, Tenth, Adams and Michigan Sts. Address H. W. COMPTON, Clerk of Board of Education, as above. 1104

Treasury Department, Office Supervising Architect, Washington, D. C., February 15, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of March, 1897, and opened immediately thereafter, for all the labor and materials required for the completion of the addition (except heating-apparatus and elevator car) to the United States Court-house and Post-office Building at Little

PROPOSALS.

Rock, Ark., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Little Rock, Ark. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1105

BOAT-HOUSE. [At Boston, Mass.] Proposals are wanted until March 2, for boat storage-house at Pine Bank Cove, Jamaica Park. Plans, etc., at office of Wales & Holt, Architects, 22 Congress St. Address PARK COMMISSIONERS, 53 State St., as above. 1105

GRANITE PAVING BLOCKS. [At Boston, Mass.] Proposals are wanted until February 23, for 300,000 granite paving blocks. Address BENJ. W. WELLS, Superintendent of Streets, City Hall, as above. 1104

REGISTRY OF DEEDS, ETC. [At East Cambridge, Mass.] Separate proposals are wanted until March 13, for Registry of Deeds and Probate Court Building for the County of Middlesex, for steam-heating plant, and for furniture and electric light fixtures and furnishings for same. Plans, etc., at office of Olin W. Cutter, Architect, 85 State St., Boston. Address COUNTY COMMISSIONERS OF MIDDLESEX COUNTY, East Cambridge. 1106

LATIN SCHOOL BUILDING. [At Cambridge, Mass.] Proposals are wanted until February 27, for brick and stone Latin School Building. Plans, etc., at office of Superintendent of Public Buildings, Cambridge, or at office of Hartwell, Richardson & Driver, Architects, 62 Devonshire St., Boston. Address WM. H. GRAY, Superintendent of Public Buildings, Cambridge. 1104

Treasury Department, Office Supervising Architect, Washington, D. C., February 3, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 3d day of March, 1897, and opened immediately thereafter, for furnishing all the labor and material required for the rebuilding and completion of the United States Custom-house and Post-office at St. Albans, Vermont (Heating-apparatus not included), in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at St. Albans, Vt. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1104

HEATING AND VENTILATING. [At Cincinnati, O.] Proposals are wanted until March 1, for heating and ventilating for eighteen-room school-house to be built on corner of Findlay and Bremen Sts. Address BOARD OF EDUCATION, as above. 1104

SUBWAY SECTION. [At Boston, Mass.] Proposals are wanted until February 24, for section 2, two and three track subway and station in Washington St., from Hanover St. to Adams Sq. Address BOSTON TRANSIT COMMISSION, 20 Beacon St., as above. 1104

SCHOOL-HOUSE. [At Boston, Mass.] Separate proposals are wanted until February 24, for brick school-house on Prince St., for heating and ventilating system and for plumbing system for same. Plans, etc., at office of Peabody & Stearns, Architects, 53 State St. Address SECRETARY OF SCHOOL COMMITTEE, Mason St., as above. 1104

(Houses Continued.)

New York, N. Y. — One Hundred and Forty-Fifth St., nr Convent St., 8 three-st'y brick dwells, 16' x 52'; \$120,000; own. and bld., Francis J. Schnugg; arch., Louis Entzer, Jr.
West Ninety-sixth St., No. 2, three-st'y brick and stone rectory, \$16,000; own., Scotch Presbyterian Church, 96th St. and Central Park West; arch., Jardine, Kent & Jardine, 1268 Broadway.
Vermilyea Ave., No. 500, two-st'y frame dwell, 30' x 60'; \$18,000; own., Mary J. Shane, 306 West 142d St.; arch., Richard R. Davis.
Philadelphia, Pa. — Mylin and Sixteenth Sts., four two-st'y brick dwells, 16' x 50'; own., Jacob Kaiser, 1014 South St.
Mylin St., s w cor. 16th St., 2 three-st'y brick dwells, 17' x 50'; own., Jacob Kaiser, 1014 South 4th St.
C St., n e Indiana Ave., 4 two-st'y brick dwells, 14' x 38'; own., James Armstrong, 4411 Cleveland St.
Griswold St., Nos. 712-714, 2 three-st'y brick dwells, 14' x 38'; own., Samuel Friedman, 534 South 4th St.
South Third St., No. 764, three-st'y brick dwell, 19' x 64'; own., Terin & Cohen, 1228 South 2d St.
Drexel Road, n e e 16th St., three-st'y brick dwell, 51' x 49'; con., Milton J. Young, Overbrook.
Kauffman St., No. 300, three-st'y brick dwell, 19' x 33'; own., Philip A. Blasziore, 324 Christian St.
Queen St., No. 305, three-st'y brick dwell, 19' x 44'; own., Philip A. Blasziore, 324 Christian St.
Harris and Fifteenth Sts., two-st'y brick dwell, 29' x 25'; con., Young & Mahon, 5517 Oxford St.
Hall St., s s w 9th St., 3 three-st'y brick dwells, 16' x 28'; own., Jacob Kaiser, 1014 South 14th St.
Carpenter St., Nos. 335-339, 3 three-st'y brick dwells, 16' x 55'; own., Jacob Kaiser, 1014 South 4th St.
Pittsburgh, Pa. — McCully St., dwell.; \$10,000; own., Fred M. Pohlman, Allegheny; con., D. File, Ellis Ave., Allegheny.
Pacific Ave., brick dwell.; own., Mr. Armstrong; arch., McKee Waughtier, 331 Fourth Ave.
Murray Hill Ave., brick dwell.; own., I. A. Osborne; arch., McKee Waughtier, 331 Fourth Ave.
Rebecca St., dwell.; cost about \$8,000; own., J. H. Elder, 402 Atlantic Ave.
Pacific Ave., two dwells.; cost \$7,000 each; own., Harry C. McKee & Thos. McConnell, 331 Fourth Ave.
Quincy, Mass. — Two-and-one-half-st'y frame dwell., 46' x 34', gambrel roof, hot water; \$4,500; own., Dr. J. H. Gilbert; bld., J. W. Pratt; arch., Ernest A. Snow, 8 Exchange Pl., Boston.
Roxborough, Pa. — Ridge Ave., s w s William St., three-st'y brick dwell., 53' x 53'; con., Jno. W. Fritzinger, 463 Lyceum Ave.
Somerville, Mass. — Highland Ave., three-st'y frame dwell., 24' x 59', flat roof, furnace; \$5,000; own. and bld., W. P. Rice, 371 Highland Ave.
West St., two-st'y frame dwell., 24' x 33', pitch roof, furnace; \$5,000; own. and bld., W. P. Rice.
St. Louis, Mo. — Two-st'y dwell., n s Lindell St., bet. Taylor & Euclid Sts.; \$23,000; own., L. Brinkwirth.
Six two-st'y dwells., n s Cote Brillante, bet. Hamilton and Hodiamont Sts.; \$12,000; own., J. H. Keefe.
Two-st'y dwell., n s Westminster Pl., bet. Newstead and Taylor Sts.; \$15,000; own., W. Duncan.
Torrondale, Pa. — Two-and-one-half-st'y stone dwell., 33' x 49', shingle roof; cost about \$6,000;

(Houses Continued.)

own., Mrs. Mamie Coates, Radnor; con., Russell Robinson; arch., Geo. Lovatt, 424 Walnut St., Philadelphia.
Worcester, Mass. — Litchfield St., three-st'y frame dwell., 25' x 47'; own., J. Warden; con., E. B. Rogers.
Illinois St., three-st'y frame dwell.; own., W. Baker; con., E. B. Rogers.
Fruit St., two-st'y frame dwell.; own., A. Lawrence; arch., W. H. Harvey; con., E. J. Cross.
Russell St., 2 three-st'y frame dwells.; own., E. L. Wheeler; day-work.
MERCANTILE BUILDINGS.
Boston, Mass. — Travers and Friend Sts., Ward 8, five-st'y brick building, 37' x 39' x 45', flat roof, steam; \$20,000; own., Geo. F. Monahan, Monument Ave., Charlestown; arch., P. A. Tracy; not let.
Brookline, Mass. — Centre St., two-st'y brick and stone business block, 118' x 80', flat roof, steam; \$25,000; own., Fred B. Howard & Fred S. Tolman; arch., Austin & Brigham, 8 Exchange Pl., Boston; not let.
Easton, Pa. — 40' high granite front Northampton County National Bank, 53' x 80'; arch., Hazlehurst & Huckel, 913 Girard Bldg., Philadelphia.
Rockville, Conn. — Three-st'y brick business block with hall, 60' x 110', comp. roof, steam; \$10,000; own., German Turn Society; arch., A. H. Buss, Bridgeport; not let.
OFFICE-BUILDINGS.
Washington, D. C. — Seventh and M Sts., three-st'y brick office-building; \$35,000; own., W. P. Williamson; bld., Wm. A. Kimmell; arch., C. D. Cole.
STABLES.
Boston, Mass. — Dorchester Ave., rear No. 22, Ward 20, frame stable, 75' x 49', flat roof; \$2,000; own., Batchelder Bros.; bld., J. H. Proctor & Co.; arch., Wales & Holt, 22 Congress St.
Brookline, Mass. — Boylston St., one-st'y frame stable; \$200; own., John Brown, 281 Boylston St.
Chicago, Ill. — J. T. Campbell, four-st'y brick livery barn, 653-655 Forty-seventh St.; \$8,000.
Goshenville, Pa. — Two-st'y brick stable; cost about \$3,000; own., Dr. J. K. Rickabaugh, Chester Valley; con., Frank F. Brown.
Haverhill, Mass. — Fountain St., frame stable, 26' x 43'; \$1,000; own., Robert Shaw; arch., Willis C. Damon.
Newton, Mass. — Newtonville Ave., one-and-one-half-st'y frame stable, 19' x 18'; \$400; own., M. P. Meagher; bld., P. Bwalette.
Endicott St., two-st'y frame stable, 30' x 20', pitch roof; \$700; own. and bld., C. F. Jones, 757 Washington St.
New York, N. Y. — Lincoln Ave., nr. 136th St., one-st'y brick stable, 36' x 60'; \$12,000; own., Morris & David Skearsky, premises; arch., Chas. Baxter & Son.
Philadelphia, Pa. — Cambridge St., No. 2339, two-st'y brick stable, 28' x 61'; arch., A. C. Wagner, 514 Walnut St.
STORIES.
Brooklyn, N. Y. — Butler St., s s e 225' e Smith St., three-st'y brick store and dwell., 29' 6" x 60', gravel roof; \$10,000; own., Wm. E. Rogers & Co., 88 Butler St.; arch., M. J. Morrill, 350 Fulton St.; bld., Thos. Donlon, 31 Ave. and Butler St.

(Stores Continued.)

East Eighteenth St., s w cor. Church Ave., four-st'y brick store and dwell., tin roof; \$10,000; own., John Luck, 828 Flatbush Ave.; arch., J. A. Davidson, 828 Flatbush Ave.
Nassau Ave., n w cor. Oakland St., 4 three-st'y brick stores and dwells, 25' x 65', tin roof; \$28,000; own. and bld., D. Mahr, 637 Humboldt St.; arch., B. Finkensleper, 32 Broadway.
Chicago, Ill. — Eliza Goldenberg, four-st'y brick store and warerooms, 1037-1039 State St.; \$25,000.
F. W. Miller, two-st'y brick store and flats, 41 North Western Ave.; \$5,000.
Philadelphia, Pa. — Vine and Eighth Sts., 5 three-st'y iron and brick stores, about 60' frontage, tin roof; cost about \$5,000 each; own., J. J. Moore, Jr., 716 Walnut St.; arch., Chester Kirk, Head Building, Arch St.
Chestnut St., No. 1537, four-st'y brick store and office-building, 18' x 110'; con., Geo. L. Lippe, 212 South 7th St.
TENEMENT-HOUSES.
Boston, Mass. — Norwich St., No. 8, Ward 9, four-st'y brick tenement, 35' x 40', flat roof, stoves; \$9,000; own. and bld., Isaac Weaver, Revere, Mass.
West Cedar St., No. 104, Ward 11, four-st'y brick tenement, 19' x 71', flat roof, stoves; \$15,000; own., E. Kambor, Leverett St.; arch., C. J. Bateman.
Linden Park and Gay St., Ward 19, three-st'y brick tenement, 69' x 45', flat roof, stoves; \$13,000; own., J. C. Spillane, 6 Cobden St.; arch., Saml. Rantin & Son; not let.
Lawrence, Mass. — Park St., three-st'y frame six-tenement-house, 43' x 60'; \$6,000; own., James Shea; arch., James E. Allen; not let.
WAREHOUSES.
New York, N. Y. — West Fourteenth St., Nos. 475, 469, and 450 West Fifteenth St., 3 brick warehouses and stables; \$70,000; own., Henry Eggers; bld., Hugh Getty; arch., Thos. R. Jackson.
Spring St., nr. Wooster St., eight-st'y brick and stone steel construction store and lofts, 25' x 94'; \$50,000; own., Geo. A. Seward, 150 Broadway; arch., Geo. F. Pelham.
Philadelphia, Pa. — Vine St., No. 1129, three-st'y brick warehouse, 16' x 75'; own., Jno. Berner's Sons, 1025 Arch St.
MISCELLANEOUS.
Baltimore, Md. — Howard St., w s bet. Camden and Barre Sts., 2 brick and steel baggage-rooms, 40' x 63' 6" and 27' x 49', and 2 iron train-sheds, 82' x 628' 6" and 22' x 349'; own., B. & O. R. Co., office, Baltimore and Calvert Sts.
Chicago, Ill. — Wright & Hill Linseed Oil Co., ten-st'y brick tank and coke house, 2238 Lumber St.; \$15,000.
Deering, Me. — Woodford Ave., four-st'y brick Society Building, 65' x 83', flat roof, steam; \$20,000; own., Deering Lodge, I. O. O. F.; arch., F. H. Fassett, 95 Exchange St., Portland.
Philadelphia, Pa. — One-st'y iron and brick building for the Fairmount Steel Works, slag roof. It will have two wings, 79' x 90' and 40' x 90' respectively; contract price will not exceed \$200,000; con., Wm. Steele & Son, 506 Walnut St.; arch., Thos. Jamison, 2219 Chestnut St.

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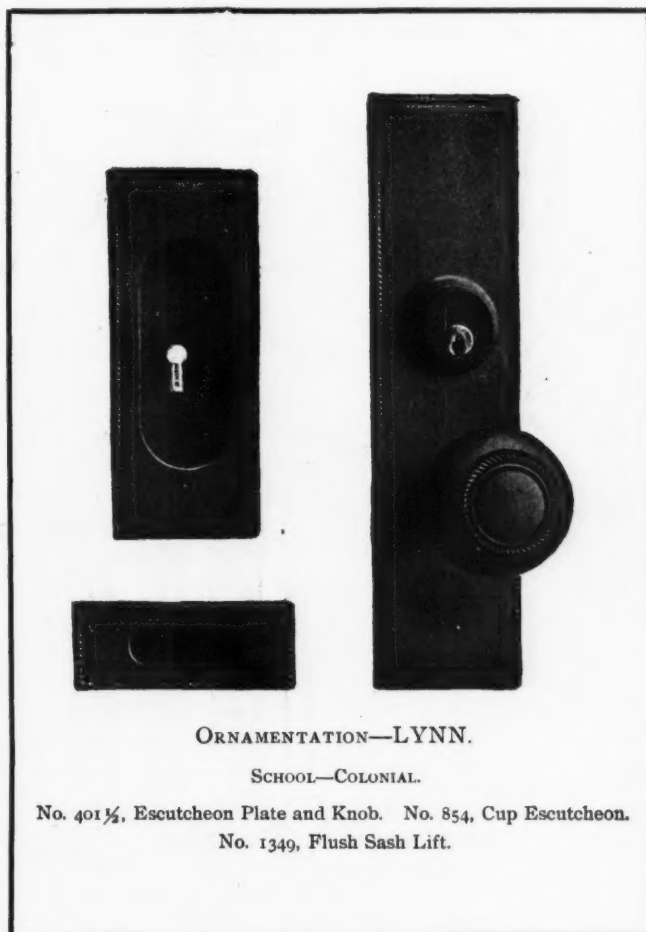
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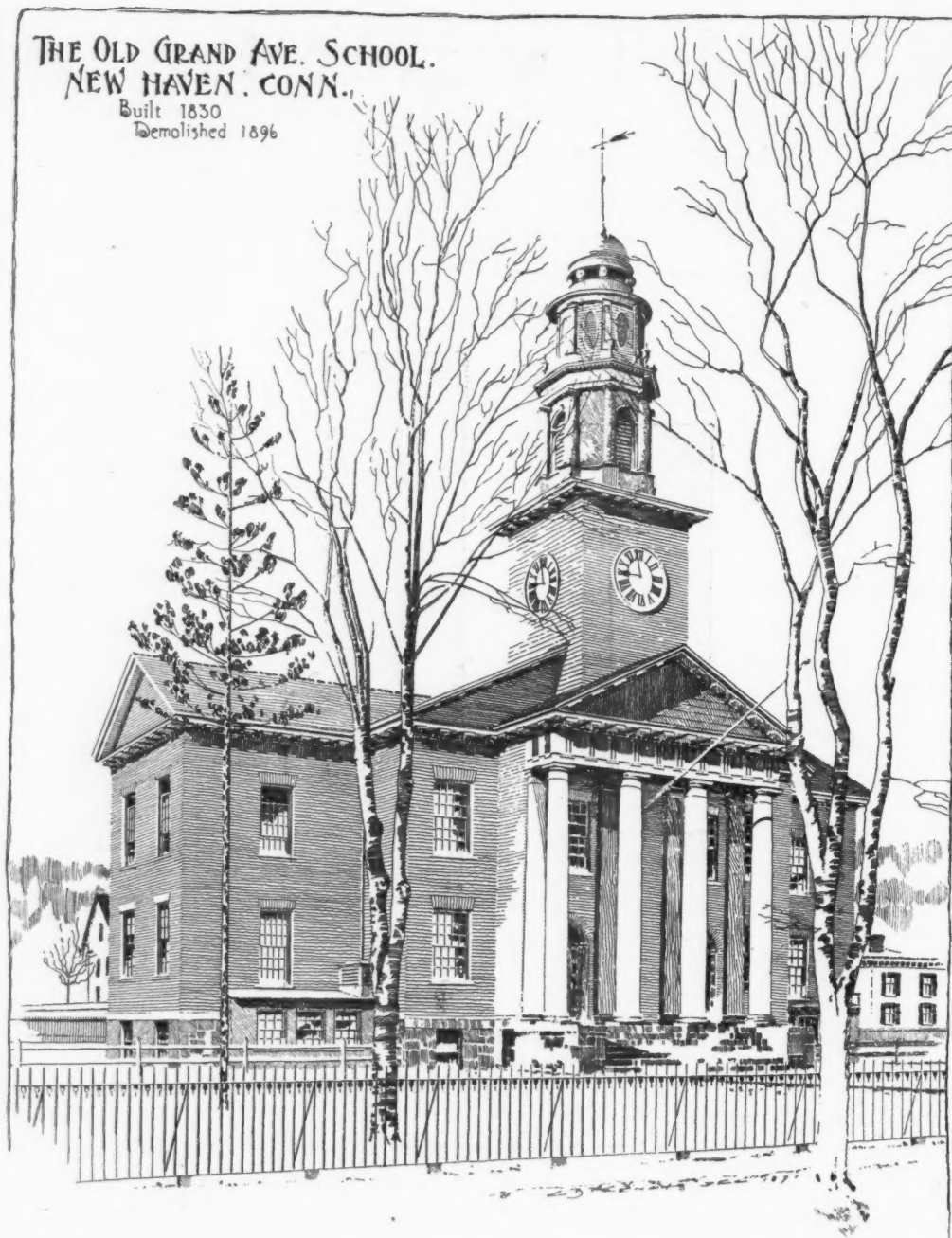
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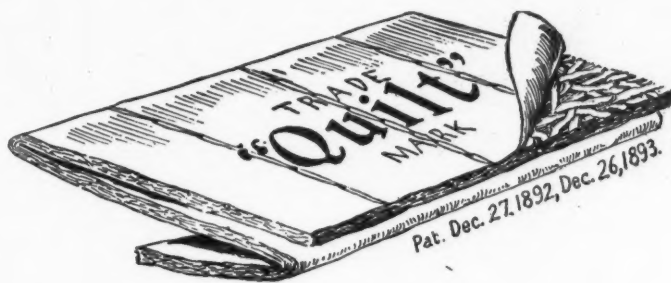
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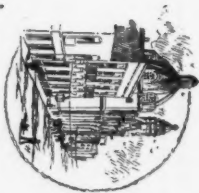
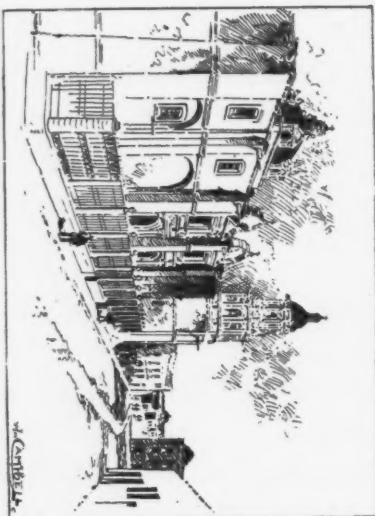
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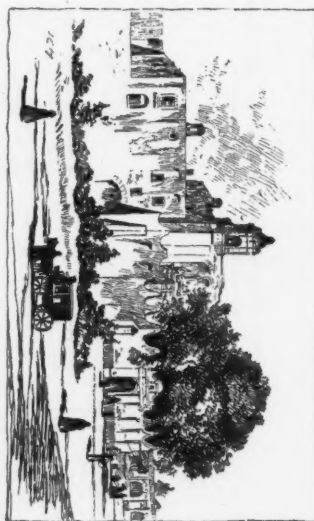
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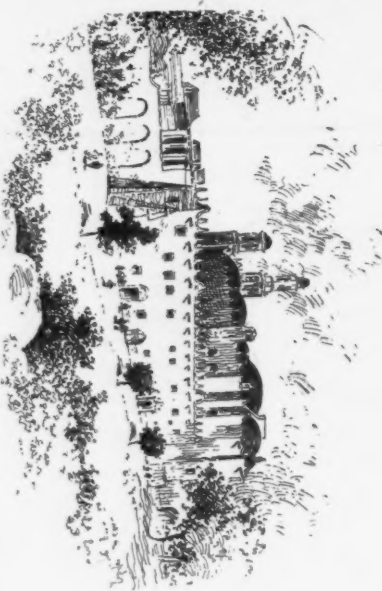
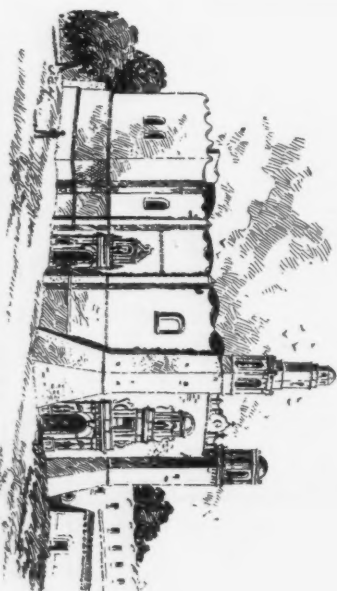
La Piedad, City of Mexico.

Church of San José de Gracia,
City of Mexico.

Convent of La Concepcion, City of Mexico.



San Cosme, City of Mexico.

School of Santa Cruz and Domed Church, Santiago Tlatelolco,
City of Mexico.

Domed Church, Santiago Tlatelolco, City of Mexico.

MEXICAN CHURCHES.

(Advance Rumors Continued.)

Athens, Ga.—The Athens University will build a new chemical and electrical laboratory, to cost about \$25,000.

Bayport, L. I., N. Y.—A paragon for the M. E. Church, at this place, is to be built this spring.

Boston, Mass.—Plans for the new building for the Congregational Association on Beacon St., next to the Boston Athenaeum, are being made in private competition by Shepley, Ruten & Coolidge, Hartwell, Richardson & Driver, George T. Tilden and A. W. Longfellow, Jr. The building will cost from \$250,000 to \$300,000, and it is expected that plans will be decided on in March and work begun about May 1st. W. H. Emerson is the Chairman of Committee on Plans.

Brookline, Mass.—E. R. Knapp will build several new terraces.

Brooklyn, N. Y.—The Suabian (Schwaebischen) Saengerbund, of Williamsburgh, has purchased a plot of ground at Knickerbocker and Myrtle Aves., on which it will build a four-story club-house to cost \$75,000.

Money is being donated for the building by the Seney Hospital of an operating theatre to cost \$75,000.

Brunswick, Ga.—The County Commissioners of Glynn County invite plans for a \$30,000 and a \$40,000 court-house.

Butte, Mont.—J. J. Cusick will build a 100' x 200' frame gymnasium building, covered with corrugated iron.

Cambridge, Mass.—The Cambridge Savings Bank will put up a three-story, 63' x 113' building on Dunster St. It will have the banking-rooms and stores on the first floor and the other stories may be fitted up for students' rooms. C. H. Blackall of Boston will be the architect.

Chicago, Ill.—The Board of Education have had plans drawn by Chas. Whittlesey for a new high-school building, to cost \$40,000.

E. H. C. Richardson will build a private hotel corner Ashland St. and Jackson Blvd. from plans by Thos. W. Wing, to cost \$20,000.

Shepley, Ruten & Coolidge are making plans for a one-story and basement brick lecture hall, 65' x 75', to seat 800 to 900 people and cost about \$30,000, to be built in the court of the Art Institute.

Plans have been proposed for a \$1,000,000 office-building to be built by Warren Springer on the northwest corner of Jackson and Canal Sts.

It is proposed to issue \$3,000,000 in bonds for the building of new school-houses.

Chicopee Falls, Mass.—The Chicopee Falls Methodist Church congregation are considering the building of a new edifice on their present site.

Cincinnati, O.—It is said that \$60,000 in bonds will soon be sold for the proposed Pearl St. market-house.

Coney Island, N. Y.—The Atlantic Yacht Club will build a three-story club-house and a three-story kitchen and servants' quarters at Sea Gate, from plans by Parlett Bros., of Brooklyn.

Davenport, Ia.—Birdsall & Ferrall have plans and are taking figures for remodelling and enlarging the St. James Hotel, at a cost of \$40,000.

Deperre, Wis.—The new High school is to cost about \$12,000.

Dubuque, Ia.—Buechner & Jacobsen, of St. Paul, Minn., report that no figures will be taken on the Theological Seminary here until April.

Eureka, Ill.—The contract is to be let March 24th, for the new three-story stone court-house. Bell & Kent, of Council Bluffs, Ia., are the architects.

Hanover, N. H.—President Tucker, of Dartmouth College, reports that the proposed Alumni Hall will soon be built, \$15,000 of the needed \$60,000 having already been subscribed.

Harrisburg, Pa.—It is said that Governor Hastings, having signed, on February 15th, the joint resolution authorizing him to solicit plans for a new Capitol Building, will invite six leading architects to submit drawings.

Hot Springs, Mont.—W. S. Hunt, of Minneapolis, Minn., has plans for a \$20,000, 110' x 150', three-story frame hotel to be built here, with 40 rooms.

Houghton, Mich.—St. Ignatius' congregation will build a \$25,000 church this season.

Huntsville, Ala.—A fall, to cost about \$30,000, will be built by Madison County.

Kalamazoo, Mich.—The new High school will be built on the old site.

Kansas City, Mo.—The Ferd Heim Brewing Co. will build a three-story brick hotel at 18th and Troost Ave.

The Board of Trade contemplates putting up a seven-story fireproof, 110' x 120', building at 7th and Walnut Sts., to cost \$200,000. Plans have been made.

La Crosse, Wis.—A. Roth has plans for a \$12,000 brick eight-room school-house for St. Joseph's Congregation.

Lynn, Mass.—A \$25,000 school-house will be built in Ward 3.

Madison, Wis.—The Elver Hotel, in East Madison, will be rebuilt at a cost of \$12,000 to \$15,000.

Marshfield, Wis.—St. John the Baptist congregation will build a \$12,000 brick parochial school-house of eight rooms.

Maspeth, L. I., N. Y.—James M. Chatterton has the contract for the new school at \$39,400.

Melrose, Mass.—F. G. Coburn & Co., of Boston, have the contract for the new High School on Main St.

Milwaukee, Wis.—H. C. Koch & Co. will be the architects of the Hinton Memorial Building for the Protestant Home for the Aged. It is hoped to begin work in March.

James Reilly, of Stevens Point, will soon begin work on a two-story brick veneered house on Grand Ave. and 18th St., to cost \$15,000.

Graus & Barkhausen have plans for a \$12,000 double house to be built on Cedar and 15th Sts. for Joseph Bresnauer.

A. C. Eschweiler will be the architect of a \$10,000 house to be built for August Vogel at Clybourn and 27th Sts.

Charles Kirehoff, Jr., is making plans for the reconstruction of the Trinity Hospital Building and for the enlargement of the Milwaukee Medical College Building.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

It is rumored that the Joseph Schlitz Brewing Co. will put up a new bottling department building, costing about \$150,000, east of 2d St., and south of Galena.

Mollerus & Lotter will be the architects of the new three-story brick 9th Ward school to cost \$45,000. It will be 89' x 135'.

Narragansett Pier, R. I.—J. G. Burns & Son may make extensive additions and alterations, costing from \$75,000 to \$100,000, to the Rockingham House this season.

Willard Kent, of Woonsocket, is making plans for a \$20,000 house to be built here for a Philadelphia owner.

Nebraska City, Neb.—Bonds to the amount of \$25,000 have been voted for a new High school-house.

Newark, N. J.—Prof. A. D. F. Hamlin, of Columbia University, appointed by the Newark Board of Education to select the best plan for a high school from among fifty-one plans submitted, has made his report to the Building Committee of the Board. Plan No. 6 was given the first place. It provided for a building to cost \$220,000 to \$235,000. The other plans specially mentioned, in their order, were Nos. 2, 32, 24 and 41. Plans Nos. 19 and 12 were also mentioned, but the foregoing will receive prizes, according to the Board's expressed intention. No. 6 was sent in by Howard & Cauldwell, New York City; No. 2, Arthur D. Pickering, Edward Neeker-sumer, Edward Shire, of New York; No. 32, Rankin & Kellogg, of Philadelphia; No. 24, Carrere & Hastings, New York; No. 41, C. W. & A. A. Stoughton, New York; No. 19, Calvin Kieselring, of Boston; and No. 12, Poole & Sutton, Newark.

New Bremen, O.—P. F. Jeckel, of Anderson, Ind., is making plans for a new Lutheran Church to be built here, at a cost of \$20,000.

New Haven, Conn.—The bequest of William Lamson to Yale University specifies that \$150,000 be used for a new building, and it is proposed to put up an Alumni Hall with the amount.

New York, N. Y.—Kimball & Thompson have made plans for an arcade building to be put up on the southwest corner of Broadway and Rector St., at a cost of about \$1,500,000. It will be twenty stories high.

The Dock Board has adopted the plans of E. H. Kendall for the roof garden at the foot of East 12th St. It will be 52' x 302', of steel and iron, and cost \$60,000. It is to be opened July 4th.

The Mayor's Committee on Public Baths and Public Comfort Stations recommend the building of five public baths near Washington and Carlisle Sts., Chatham Sq., Essex Market, Tompkins Sq., 58th St. and 11th Ave., and 2d Ave. and 11th St. The Board of Health has approved the designs by Cady, Berg & See for these baths.

A bill has been introduced in the Legislature providing that the city shall build a structure for the use of the New York Public Library on the site of the reservoir in Bryant Park, at a cost not exceeding \$2,500,000, the city to issue 4 per cent gold bonds for the purpose.

The Commissioners of Charities are thinking of building a hospital, to cost about \$300,000, in the Harlem Section. The site is not yet selected, but it may be at Madison Ave. and 135th St.

The Board of Education, it is said, will ask the Legislature for an appropriation of \$10,000,000 for new school buildings.

Omaha, Neb.—John McDonald, New York Life Building, is taking bids on a two-story, 25' x 120, brick-front store building to be built on Douglas St., near 14th St., at a cost of about \$20,000.

Paxton, Ill.—Plans are to be submitted March 2d for a county door-house for 50 inmates, to cost \$12,000. T. J. Sowers, chairman of committee.

Portland, Me.—Merritt P. Morse, of Boston, Mass., is the architect of Alfred Prince's new brick block, which will cost \$80,000. The cellars are in.

Providence, R. I.—The Army Commission invite plans for a new armory. D. Russell Brown, 62 Exchange Pl., Providence, is Chairman of the Commission.

Reading, Mass.—A. W. Marshall, of Stoneham, will build a number of houses on land near the Reading Highlands station.

Salem, Mass.—E. B. Balcomb will be the architect of a brick business block which a syndicate is to build on the Manning Estate on Washington St.

San Antonio, Tex.—It is expected that the Legislature will appropriate \$160,000 to build an addition to the Southwestern Insane Asylum.

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TAUGHT BY MAIL

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Sandersville, Ga.—A school-building, to cost about \$10,000, will be built.

Southampton, L. I., N. Y.—Samuel L. Parrieh, 44 Broadway, New York City, will build a fireproof art museum on Main St. and Job's Lane.

Springfield, Mass.—J. S. Sanderson & Co. have the contract for the Home for the Friendless on Williams St.

Stockbridge, Mass.—F. R. Allen, of Boston, is making plans for a house for Dr. Charles McBurney, of New York City.

St. Paul, Minn.—Franson & Peterson secured general contract for Albemarle School Building from plans by C. H. Johnston, at their figures of \$14,300.

Tarrytown, N. Y.—Chauncey M. Depew has bought a part of the old Chauncey estate and will build a house on it.

Wabash, Ind.—Wing & Mahurin, of Fort Wayne, are the architects of a \$15,000 school-house, for which bids will soon be asked.

Washington, D. C.—The Daughters of the American Revolution propose to ask Congress for a grant of land on which to build a Colonial Hall, to be used as a place for the national gatherings of the Society and a public museum for their historic archives. It is proposed to build the hall with contributions from the Chapters of the various States.

West Superior, Wis.—The Great Northern Railway will enlarge its elevator capacity by 2,000,000 bushels, either by an addition to the present building or an entirely new structure.

White Plains, N. Y.—The Westchester County Board of Supervisors will build a jail, to cost \$150,000, about a mile from here.

Winchester, Mass.—Clark & James, of Boston, are making plans for a \$20,000 house, to be built for George Fitch on corner of Calumet Road and Oxford St.

Winona, Minn.—Wm. H. Laird will build a public library, to cost \$40,000, of stone, 64' x 84', one-story and basement.

Worcester, Mass.—The contract for the new Science Building for the Worcester Academy, has been given to J. G. Vaudreuil at \$41,401.

ALTERATIONS AND ADDITIONS.

New York, N. Y.—Lexington Ave., nr. cor. 23d St., altering church to stores and offices; \$12,000; own., John Adamson, 849 Carroll St., Brooklyn; arch., Lamb & Rich, 35 Nassau St.; bld., Sturges & Hill Co., 459 Boulevard.

Lenox Ave., s. w. cor. 125th St., alteration to millinery store and extension, 35' x 50'; \$6,000; own., and bld., Henry M. Denton, 291 Lenox Ave.; arch., Henry Andersen, 1180 Broadway.

Jerome Ave., n. e. cor. 162d St., addition to three-story wooden hotel; \$8,000; own., Geo. H. Huber, on premises; arch., Kerby & Co., 722 Tremont Ave.

APARTMENT-HOUSES.

Boston, Mass.—Huntington Ave., No. 181, Ward 10, six-story brick aparts., 25' x 20' x 90' flat roof, steam; \$20,000; own., A. F. Arnold, 11-15 Tremont Building; bld., Morris Gutten.

Lambert St., No. 31, Ward 21, brick aparts., 63' x 39' x 55', flat roof, steam; \$18,000; own., J. Rosenberg, 2201 Washington St.; arch., C. A. Russell; not let.

Cambridge, Mass.—Cambridge St., No. 950, five-story brick stores and aparts., 40' x 70', flat roof, stove; \$35,000; own. and bld., Henry Green, 26 A Sacramento St.; arch., J. Ernest Close, 231 Greene St.

Chicago, Ill.—J. Anderson, three-story brick flats, 6451 South Sangamon St.; \$5,000.

John H. Weiss, two-story brick flats, 141 North Curtis St.; \$7,000.

J. Benka, three-story brick flats, 710 North Wood St.; \$5,000.

Mrs. R. Plotka, three-story brick flats, 229 Osgood St.; \$7,000.

B. Halley, four-story brick apartment-building, 4227-29 Luke Ave.; \$23,000.

Geo. J. Cronenberg, 2 three-story flats, 399-401 East 62d St.; \$18,000.

Cincinnati, O.—Laurel St., four-story brick flat building, 32' x 70'; \$8,500; own., W. J. Wakefield; con., Dan'l Curtis; arch., Sweeney & Robinson.

Vine St., cor. Rochelle St., three-and-one-half-story brick flat building, 32' x 78'; \$8,000; own., Chris. Ahrens; con., Frank Heller; arch., Gus Draeh.

Hartford, Conn.—Capitol Ave. and Broad St., four-story store and aparts., 45' x 55', comp. roof,

(Apartment-Houses Continued.)

steam; \$15,000; own., W. W. Lester, 253 Capitol Ave.; arch., Brooks M. Lincoln, 281 Main St.

Milwaukee, Wis.—*Wells and 8th Sts.*, three-sty brick and stone flats, 80' x 100'; \$25,000; own., J. O. Seannon; bldg., John Ryan and Chas. Bond; arch., W. A. Holbrook.

New York, N. Y.—*One Hundred and Sixty-fifth St.*, cor. Brook Ave., 4 four-sty brick and stone stores and flats; \$15,000 each; own., Wm. Dahnke, Westchester Ave.; arch., Andrew Spence, 3 East 125th St.

One Hundred and Nineteenth St., nr. 5th Ave., 4 five-sty brick and stone flats, 30' x 90' and 20' x 90'; \$120,000; own., Ernest C. Kerl, 18 West 119th St.; arch., John Hauser, 1441 Third Ave.

Park Ave., cor. 81st St., five-sty brick and stone flat, 62' x 30'; \$100,000; own., Theodore A. Cordier, 1 East 106th St.; arch., John Hauser.

One Hundred and Twenty-third St., bet. 34 and Lexington Aves., 2 five-sty brick and stone flats, 27' x 88'; \$51,000; own. and bld., Schmuck & Montag, Southern Boulevard and St. Ann's Ave.; arch., Edward Wenz, 1491 Third Ave.

One Hundred and Twelfth St., nr. 7th Ave., 2 five-sty brick flats, 25' x 85'; \$49,000; own. and bld., Edward Jenkins; arch., Godwin & Cunningham, 25 Third Ave.

St. Marks Pl., No. 17, six-sty brick and stone flat, 22' x 94'; \$30,000; own., J. L. Bittenweiser, 27 Pine St.; arch., Geo. F. Felham, 503 Fifth Ave.

Madison St., cor. Gouverneur St., 2 six-sty brick flats and stores, 26' 6" x 93' and 31' 6" x 94'; \$50,000; own. and bld., Katowsky & Levy, 235 Henry St.; arch., Max Muller, 23 Centre St.

One Hundred and Fifteenth St., 100' w. Lenox Ave., 4 five-sty brick and marble flats, 31' 3" x 100' 11" each; own. and bld., Giuseppe A. Adamo; arch., Solomon D. Cohen, 176 Broadway.

Brook Ave., 134th to 135th Sts., 8 four-sty brick and stone flats, 29' x 95' and 25' x 75'; \$150,000; own. and bld., John M. Linek, 638 East 135th St.; arch., Solomon D. Cohen.

Ninety-second St., w. Boulevard, five-sty stone flat, 40' x 38'; \$40,000; own. and bld., Wm. Drought, 200 West 105th St.; arch., Solomon D. Cohen.

Mulberry St., cor. Park St., six-sty brick flats and store, 23' x 85'; \$29,000; own., Geo. R. Schiefflin, 11 Williams St.; arch., Franklin Baylies, Bible House.

One Hundred and Fourth St., nr. Columbus Ave., 5 five-sty brick and stone flats, steam; \$115,000; own., Cummings & Ferguson, 743 Eighth Ave.; arch., Geo. F. Felham.

One Hundred and Fourteenth St., nr. Lenox Ave., 5 five-sty brick and stone flats, 26' x 83', flat roof, steam; \$125,000; own., Alphonso Hogenaur, 348 Willis Ave.; arch., Henry Anderson, 1180 Broadway.

One Hundred and Twelfth St., nr. Seventh Ave., 5 five-sty brick and stone flats, 30' x 88' 9", tin roof, steam; \$150,000; own., Walter Reid, 156 Fifth Ave.; arch., A. B. Ogden & Son, 1031 Madison Ave.

Sixty-seventh St., cor. Amsterdam Ave., 4 five-sty brick flats, 30' x 60'; \$60,000; own., Siegfried Willerhausen, 60 Greenwich Ave.; arch., Ferdon & Elliott, 1293 Broadway.

Seventh Ave., nr. 133d St., 2 five-sty brick flats and stores, 29' x 86'; steam; \$56,000; own., Geo. W. Eggers, 114 West 119th St.; arch., Edward Wenz, 205 East 84th St.

One Hundred and Ninth St., nr. Amsterdam Ave., 2 five-sty brick flats, 25' x 85'; \$45,000; own., John Thuren, 463 Dean St.; arch., Neville & Bagge, 217 West 125th St.

Seventh Ave., cor. 121st St., 2 six-sty brick flats, 50' x 90'; \$165,000; own., James Livingstone, 205 East 64th St.; arch., Neville & Bagge.

Washington, D. C.—*Fifteenth St.*, bet. W and V Sts., N. W., brick and stone apartment-house; \$60,000; own., Capital Construction Co.; con., Peter Ferslingier; arch., Clement A. Didden, 709 Thirteenth St., N. W.

CHURCHES.

Streator, Ill.—Brick and stone church, 68' x 125', slate roof, steam; \$28,000; own., German Catholic Society; arch., Geo. P. Standuhar, Rock Island; not let.

EDUCATIONAL.

Auburn, R. I.—Two-sty frame six-room school-house, 75' x 99', slate roof, steam; \$16,000; own., town of Oranston. Wm. R. Dutemple, Chairman of Committee; arch., Angell & Swift, Providence.

Central Falls, R. I.—*Main St.*, four-sty brick parochial school, 75' x 95', comp. roof, steam; \$20,000; own., French Catholic Society, Rev. Fr. J. H. Beland; not let.

Mayville, North Dakota.—Six-room frame school-house, \$7,500; own., town; bld., Dinnie Bros., Grand Forks; arch., J. W. Ross, Grand Forks.

Portland, Me.—Two-sty brick school-house, 45' x 90', slate roof, steam; \$25,000; own., city; arch., Fredk. A. Thompson, 1224 Exchange St.; not let.

FACORIES.

Boston, Mass.—*A St.*, Nos. 169-170, Ward 13, six-sty brick manufacturing building, 50' x 112', flat roof, steam; \$30,000; own., J. T. Meader & Co., 168 Purchase St.; arch., Morton D. Safford; not let.

Chicago, Ill.—*J. C. Wilson*, seven-sty brick factory, 140-144 East Erie St.; \$35,000.

Derry Depot, N. H.—Three-sty and basement shoe-shop, 40' x 100', flat roof, steam; \$25,000; own., Derryfield Association, Derry Depot, N. H.; not let.

New York, N. Y.—*Mott St.*, Nos. 131-133, seven-sty brick fireproof factory-building, 74' 11" x 94'; own., August Miez, 87 Elizabeth St.; arch., De Lemos & Cordes, 130 Fulton St.

Worcester, Mass.—*Chandler St.*, three-sty frame mill, 29' x 64'; \$5,000; own., L. E. Scholfield; con., Tupper & Skoglund.

HOSPITALS.

Manchester, N. H.—One-sty brick operating-building, 43' x 53', slate roof, steam; \$8,000; own., Elliott Hospital Corporation; bld., Head and Dowst; arch., Chislering & O'Connell; not let.

HOTELS.

New York, N. Y.—*West Thirty-third St.*, Nos. 54-58, fifteen-sty apart. hotel, 67' 10" x 98' 9" x 75'; own., W. H. R. Martin, 569 Broadway.

HOUSES.

Arlington, Mass.—*Water St.*, three-sty frame dwell., 29' x 65', pitch roof, hot water; \$5,000; own., Mrs. Kate H. Fennenden, Water St.; arch., Prescott & Sidebottom, Boston.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Baltimore, Md.—*Remington Ave.*, e. s. bet. 30th and 31st Sts., 6 two-sty brick dwell.; own., John F. Armiger.

McHenry St., beg. n. e. cor. Irving Ave., 6 two-sty brick dwell.; own., Chas. H. Felix.

North Ave., bet. 12th and 13th Sts., two-and-one-half-sty frame cottage, 38' x 38'; own., Samuel Merritt, 733 W. North Ave.

Boston, Mass.—*Hillside St.*, nr. Calumet St., Ward 19, two-sty frame dwell., 26' x 43', pitch roof; \$5,000; own., T. F. Denning, 5 Riverside St.; bld., N. A. Knwright.

Stanwood St., nr. Blue Hill Ave., Ward 20, 10 three-sty frame dwell., 21' x 58', flat roof, stoves; \$35,000; own. and bld., Carl S. Neilson, Norfolk St.

Robinson St., No. 48, Ward 20, three-sty frame dwell., 24' x 40', flat roof, furnace; \$5,000; own. and bld., Matthew Morton, 21 Shawmut Park, Dor.

Longdale St., nr. Dorchester Ave., Ward 24, 2 two-sty frame dwell., 28' x 50', pitch roof, furnace; \$8,000; own., E. R. McDowell, 38 Armandine St.; not let.

Peter Parley St., nr. Walnut Ave., Ward 22, two-and-one-half-sty frame dwell., 44' x 47', pitch roof; \$7,000; own., John M. Sullivan, 8 Custer St., J. P.; arch., J. C. Fowler; not let.

Hyde Park Ave., nr. Ashland St., Ward 23, three-sty frame dwell., 27' x 23', flat roof, stoves; \$5,000; own., Theo. Lenz, Mount Hope; arch., J. Luppold, 89 Mozart St., J. P.; not let.

Maywood St., nr. Blue Hill Ave., Ward 21, 5 two-and-one-half-sty frame dwell., 27' x 56', pitch roof, stoves; \$30,000; own. and bld., F. X. Julien, 22 Vernon St., Rox.

Newbern St., nr. Carolina Ave., Ward 22, two-sty frame dwell., 25' x 56', pitch roof, furnace; \$5,000; own., Geo. A. Cahill, Wolsey Block, J. P.

Bunker Hill St., No. 282, Ward 4, three-sty frame dwell., 24' x 58', flat roof, stoves; \$5,000; own., P. J. Donovan, 38 Winthrop St., Charlestown; bld., Donovan & Brock.

Quincy St., nr. Warren St., Ward 21, 2 three-sty frame dwell., 25' x 54', flat roof, furnace; own. and bld., J. J. Johnston, 65 Bainbridge St.

Halborn St., No. 20-22, Ward 21, 2 three-sty frame dwell., 25' x 54', flat roof, furnace; \$10,000; own. and bld., J. J. Johnston.

East Lenox St., nr. Washington St., Ward 17, 5 four-sty brick dwell., 20' x 45', flat roof, stoves; \$25,000; own. and bld., Chas. J. Lord, 171 St. Botolph St.

Barrington St., nr. Bowdoin St., Ward 20, 3 two-sty frame dwell., 25' x 47', pitch roof, furnace; \$15,000; own. and bld., Michael Monahan, 44 Linden St.

Hyde Park Ave., nr. Woodlawn St., Ward 23, 4 three-sty brick dwell. and stores, 25' x 18' x 56', flat roof, stoves; \$25,000; own., Thos. Minton; arch., George A. Cahill.

Linden Park St., nr. Cambridge St., Ward 25, 4 four-sty brick dwell., 33' x 50', flat roof, stoves; \$24,000; own., A. L. Jewell; bld., A. B. Gould; arch., A. Warren Gould.

Brunswick St., nr. Blue Hill Ave., Ward 20, two-sty frame dwell., 34' x 45', pitch roof, hot water; \$6,500; own., J. E. Williams; bld., J. A. Silver & Co.; arch., F. A. Churchill, 85 Devonshire St.

Greenbriar St., nr. Park St., Ward 20, two-sty frame dwell., 28' x 22' x 37', pitch roof, furnace; \$6,000; own. and bld., Cummings & Morehouse, Faxon St., Dor.

Middlesex St., No. 59, Ward 9, four-sty brick dwell., 21' x 45', flat roof, stoves; \$7,000; own. and bld., Bratkovski & Hurvitz, 131 Chelsea St.; arch., C. A. Halstrom.

Brookline, Mass.—*Boylston St.*, nr. Cypress St., three-sty frame dwell., 32' x 70', flat roof, stoves; \$8,000; own., Michael O'Hearn, 298 Boylston St.; arch., Penn Varney, Lynn.

South St., two-and-one-half-sty frame dwell., 50' x 35', pitch roof, steam; \$15,000; own., Herbert A. Harrington, 111 Lincoln St., Boston; bld., H. F. Miller, Boston; arch., Winslow & Wetherell, Boston.

Brooklyn, N. Y.—*Stockholm St.*, n. s. 200' w. Knickerbocker Ave., 4 three-sty brick dwell., 25' x 65', tin roof; \$20,000; own., Geo. Gutting, 773 Jefferson St.; arch., F. J. Lessing, 140 St. Nicholas Ave.

Tompkins Ave., e. s. 55' s. Hart St., four-sty brick dwell., 20' x 61', tin roof; \$6,000; own., J. F. Thompson.

BUILDING INTELLIGENCE.

(Houses Continued.)

son, 173 Thompkins Ave.; arch., J. L. Young, 1221 Fulton St.; bld., D. Regan, 759 Myrtle Ave.

Russell St., e. s. 125' n. Nassau Ave., 2 three-sty frame dwell., 20' x 55', gravel roof; \$9,000; own., E. A. Quinlan, 160 Russell St.; arch., P. Tillion, 209 Manhattan Ave.; bld., D. Quinlan, 160 Russell St.

Martense St., s. s. 364' e. Rogers Ave., 4 frame dwell., 18' x 40', (2 two-sty and 2 two-sty and attic), shingle roof; \$11,250; own., G. Levey, 371 Fulton St.; arch., W. H. Waldron, 1875 Pacific St.

St. Mark's Ave., n. s. 176' 11" e. Utica Ave., 3 two-sty and attic frame dwell., 17' 4" x 43', tin roof; \$6,000; own., C. Suchs, 21 Suydam Pl.; arch., Chas. Infanger, 2590 Atlantic Ave.

Fifty-fifth St., n. s. 190' w. 3d Ave., four-sty brick dwell., 30' x 55', tin roof; \$10,000; own., W. T. Hall, 1274 Fourth Ave.; arch., G. C. Gillespie, 47 Broadway; bld., A. Anderson & Co., 254 Forty-ninth St.

Madison St., s. s. 100' e. Patchen Ave., 8 four-sty brick dwell., 27' x 57', gravel roof; \$32,000; own., arch. and bld., N. Glazier, 215 Thirty-ninth St.

Lafayette Ave., n. s. 200' e. Marcy Ave., two-sty and attic brick dwell., 43' x 43', tin and slate roof; \$12,000; own., C. Froeb, 18 Tompkins Ave.; arch., Th. Engelhardt, 905 Broadway; bld., H. Buchhauser, Ellery St. and Delmonico Pl.

Tulip St., n. s. 500' w. Bedford Ave., 5 three-sty brick dwell., 29' x 45', tin roof; \$30,000; own. and bld., John G. Sawkins, 51 East Broadway; arch., J. J. Pettitt, 186 Remsen St.

Martense St., s. s. 247' e. Rogers Ave., 5 frame dwell., (3 two-sty and attic, 2 two-sty), 18' x 40', gravel and shingle roof; \$14,000; own., G. Levey, 371 Fulton St.; arch., W. H. Waldron, 1875 Pacific St.

Russell St., e. s. 120' s. Driggs Ave., 6 two-sty and basement frame dwell., 29' x 45', tin roof; \$12,600; own., Chas. Engert, Humboldt St.; arch., F. J. Berlenbach, 260 Graham Ave.; bld., F. R. Mueller, 44 Stanhope St.

Suydam St., n. s. 250' e. Evergreen Ave., 2 three-sty brick dwell., 25' x 67', tin roof; \$14,000; own., Elrich & Spaeth, Troutman St., nr. Knickerbocker Ave.; arch., Hugo Smith, 836 Broadway; bld., F. Spaeth, 123 Jefferson St.

Grand Ave., w. s. 300' n. Putnam Ave., 2 three-sty and basement brick dwell., 20' x 45', tin roof; \$6,000; own. and bld., John Gordon, 31 Lefferts Pl.; arch., Robt. Dixon, 213 Montague St.

Freeman St., s. s. 150' e. Manhattan Ave., 2 four-sty brick dwell., 25' x 65', gravel roof; \$16,000; own. and arch., P. Bierschenko, 200 Freeman St.

Manhattan Ave., e. s. 60' s. Greene St., four-sty brick dwell., 25' x 65', gravel roof; \$8,000; own., J. Bloechle, 486 Manhattan Ave.; arch., Th. Engelhardt, 905 Broadway.

St. Marks Ave., s. s. 490' e. Buffalo Ave., 5 two-sty brick dwell., 18' x 48', tin roofs; \$15,000; own. and arch., F. Buchars, 142 Buffalo Ave.

Suydam St., w. s. 126' s. Myrtle Ave., 3 three-sty frame dwell., 20' 21" x 45', tin roofs; \$9,000; own., C. Wagner, Suydam St., nr. Bushwick Ave.; arch., R. Von Lehn, New York Ave. and Avenue F.

Chicago, Ill.—Catholic Bishop of Chicago, three-sty brick parsonage, 1235 Douglas Park Ave.; \$20,000.

L. C. Wood, two-sty brick residence, 2039-41 Kenmore Ave.; \$7,500.

H. McDorrick, 9 one-sty brick cottages, 5633-5634 South May St.; \$10,500.

Cincinnati, O.—*Hawthorne Ave.*, double two-and-one-half-sty brick dwell.; \$5,500; own., Mrs. Belle Hart; con., Wm. Fischer & Co.; arch., Richter & Weesling.

Westminster Ave., 2 two-and-one-half-sty brick dwell., 20' x 42'; \$8,000; own., L. M. Cooper; arch., C. M. Foster.

Burnet Ave., 5 two-and-one-half-sty frame dwell., 24' x 48'; \$17,000; own., Wm. H. Doeppel; con., Wm. H. Stewart's Sons; arch., E. Barnes.

Marletta, Pa.—Three-sty brick and stone dwell.; \$10,000; own., Henry S. Hiestand; bld., Wm. Hogentobler; arch., C. Emien Urban, Lancaster.

Milwaukee, Wis.—*Farwell Pl.*, two-and-one-half-sty eight-room frame dwell.; \$8,000; own., Oscar Kastan; arch., Crane & Barkhausen.

Minneapolis, Minn.—*Clifton Ave.*, dwell.; \$5,500; con., T. P. Healy; own., Mr. Passmore; arch., W. C. Whitney.

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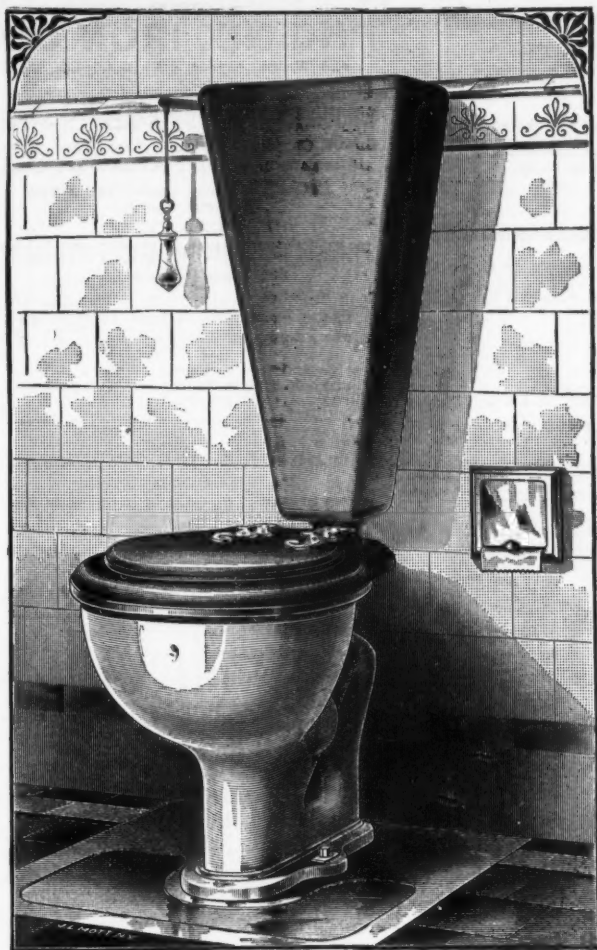


PLATE 1497-G.

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(Houses Continued.)

Sowry Hill, dwell.; \$5,000; con., T. P. Healy; own., Mrs. A. E. Martin; arch., H. W. Jones.
Linden Hills, dwell.; \$7,000; con., Tyler & Co.; own., C. W. Von Tuyl; arch., H. W. Jones.
New York, N. Y.—One Hundred and Thirty-sixth St., e 7th Ave., 4 three-st'y and basement brick and stone dwells., 22' 6" x 52'; \$10,000; own. and bld., Lath & Glen, 217 West 125th St.; arch., Neville & Bagge.
Trinity Ave., nr. 164th St., three-st'y and basement brick and stone dwell., 22' x 50'; \$12,000; own. and bld., George J. Fernschild, 1013 Boston Road; arch., Wm. Fernschild.
Seventieth St., 109' w Central Park West, 2 four-st'y brick dwells., 21' x 103'; \$30,000; own. and bld., Wagner & Wallace, 179 Columbus Ave.; arch., Geo. F. Pelham, 533 Fifth Ave.
Eighty-fifth St., 300' w Central Park West, 3 five-st'y dwells., 17' x 102' 2"; own. and bld., Wagner & Wallace; arch., Geo. F. Pelham.
One Hundred and Forty-fifth St., nr. St. Nicholas Ave., 11 three-st'y and basement brick and stone dwells., 10' x 50', flat roof, steam; \$130,000; own., Thomas J. McLoughlin, 55 East 63d St.; arch., Neville & Bagge.
Fort Washington Road, nr. 195th St., three-st'y frame dwell., 30' x 54'; \$10,000; own., Wm. O. Muschenheim, 39 West 35th St.; arch., Berg & Clark, 10 West 23d St.
Portland, Me.—Spring St., two-and-one-half-st'y frame dwell., 28' x 52', pitch roof, steam; \$8,000; own., J. W. D. Carter; bld., Watts & Son and J. W. Burrows; arch., Fredk. A. Thompson.
Providence, R. I.—Lexington Ave., two-and-one-half-st'y frame double dwell., 40' x 60', pitch roof; \$10,000; own., Mrs. Mary E. Brown; bld., Corneli, Peavey & Co.; arch., Martin & Hall.

BUILDING INTELLIGENCE.

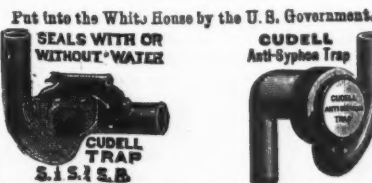
(Houses Continued.)

Dyerville Road, three-st'y frame dwell., 32' x 58', flat roof, stoves; \$5,000; own., Miss Anna Murphy, 27 Eagan St.; bld., John A. Close.
Reading, Pa.—Fifteenth St. and Mineral Spring Road, two-st'y stone dwell.; \$12,000; own., Philip Bissinger; arch., Fredk. A. Barrows, 40 North 6th St.
Salem, Mass.—Washington Sq., two-and-one-half-st'y frame dwell., 33' x 40', pitch roof; \$8,000; own. and bld., T. M. Parsons, 32 Lynde St.; arch., Albert C. Fernald, 186 Devonshire St., Boston.
Somerville, Mass.—Jenny Lind Ave., 2 two-and-one-half-st'y frame dwells., 24' x 52', pitch roof, furnace; \$8,000; own., A. W. Sproule, 448 Medford St.; arch., J. St. Clair Harold.
Moreland St., three-st'y frame dwell., 23' x 49', flat roof, furnace; \$5,000; own. and bld., N. F. Berry, 48 Main St.
Washington, D. C.—Whitney Ave., Nos. 1325-1331, 4 brick dwells.; \$15,000; own. and bld., John Mitchell.
Worcester, Mass.—Clay St., two-and-one-half-st'y frame dwell.; \$4,200; own. and con., A. Major.
Providence St., three-st'y frame dwell., 29' x 64'; \$4,500; own., Mrs. E. Raftery; arch., A. J. Harrington; con., J. A. Courtermanche.
MERCANTILE BUILDINGS.
Buffalo, N. Y.—Oak St., nr. Broadway, brick business block; \$30,000; own., Mackwirth Bros.; arch., Louis Kreis, Jr.
Denver, Col.—Wilton and Fifteenth Sts., brick business block; \$23,000; own., W. Schusman.
California and Eighteenth Sts., brick business block; \$13,000; own., Saml. Perry.
Franklin Falls, N. H.—Main St., two-st'y brick,

New York City, Dec. 9, 1893.

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W. H. MERSERAU, Architect.



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(Mercantile Buildings Continued.)

granite and iron block, 44' x 55', flat roof, steam; \$20,000; own., C. C. Kendrick, Franklin, N. H.; arch., Bodwell & Sargent, Concord; day-work.
OFFICE-BUILDINGS.
Boston, Mass.—Massachusetts Ave., cor. Boylston St., Ward 11, five-st'y brick office-building, 200' x 211' x 72', flat roof, steam; \$70,000; own., Jas. J. Storow, Jr., 40 Water St.; arch., Chapman, Frazer & Blinn; not let.
Danvers, Mass.—Maple and School Sts., two-st'y frame store and office-building, 91' x 70'; \$10,000; own., Dale & Rose; not let.
STABLES.
Brookline, Mass.—Fisher Ave., nr. Boylston St., one-and-one-half-st'y frame stable, 61' x 48', pitch roof; \$6,500; own., F. L. Gay, 150 Fisher Ave.; bld., Gerry & Northup, Boston; arch., Wm. Y. Peters, Boston.
Fall River.—Columbus Ave., three-st'y frame stable, 60' x 75', flat roof, 38 stalls; \$7,000; own., Michael Sweeney; arch., John Westwood; not let.
New York, N. Y.—West Forty-third St., No. 553, five-st'y brick stable, 25' x 100'; \$15,000; own., John McKelvey, 412 West 41th St.; arch., Jas. W. Cole, 403 West 51st St.
Somerville, Mass.—Gibbins St., two-and-one-half-st'y frame stable, 35' x 110', pitch roof, hot water, arrangement for 25 stalls, 4 box stalls and 65 carriages; \$10,000; own., Chas. H. Bradshaw; bld.,

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Clair Harold, 4 Jenny Lind Ave.

STORES.

Chicago, Ill. — O. Peterson, three-sty brick store
and flats, 1169 Southport Ave.; \$5,000.
A. S. Trude, eleven-sty brick store and office-
building, 38 Randolph St.; \$70,000.

Cincinnati, O. — Central Ave., three-sty brick store-
building, 25' x 90'; \$5,000; own., W. M. Baer Estate;
con., James Casey; arch., Jno. P. Striker.

Kim St., cor. Elder St., four-sty brick store-build-
ing, 32' x 111'; \$9,000; own., Messrs. Scheve & Au-
gert; con., Henry Roenne; arch., Edw. Schlechter-
meyer.

Green Bay, Wis. — Four-sty brick and stone build-
ing, 60' x 100', for a wholesale hardware store, tin
roof, steam; \$25,000; own., Gotfredson Bros.; arch.,
Clancey & Foeller; not let.

Wadena, Minn. — Two-sty brick store, 50' x 140';
\$12,000; own., Henry Ebner; bid., Alex. Nelson.

TENEMENT-HOUSES.

Beverly, Mass. — Lenox and Cabot Sts., two-and-
one-half-sty frame stores and tenements, 50' x 57',
pitch roofs, furnaces; \$6,500; own., J. Welch, 15
Thorndike St., Salem; arch., Geo. Swan; not let.

Cambridge, Mass. — Lincoln St., No. 91, three-sty
frame tenement, 9 flats, 29' x 46' x 70', flat roof,
stoves; \$8,000; own., Flanagan & Lynch; bid., Pat-
terson & Fox, 10 Oak Circle.

Hampshire and Portsmouth Sts., three-sty frame
building, for 2 stores and 11 flats, 58' x 122', flat roof;
\$14,000; own., John McFarland, Broadway and
Maple Ave.; arch., C. Herbert McClure; not let.

New York, N. Y. — Pike St., Nos. 63-65, 2 five-sty
brick and stone flats; \$24,000; own., Joseph Kahn,
2313 Third Ave.; arch., Geo. W. Kenney, 259 Ninth
St., Brooklyn; not let.

Monroe St., No. 71, six-sty brick and stone tenement,
25' x 109'; own., Irving Bachrach, 375 Grand
St.; arch., Louis Korn, 37 Maiden Lane.

WAREHOUSES.

Baltimore, Md. — Park Ave., n.e. bet. Dolphin and
Hoffman Sts., five-sty brick storage house, 65' x 80';
own., Thos. A. Naylor, 707 Dolphin St.

Chicago, Ill. — F. H. Spearman, two-sty brick
warehouse, 24-30 South Clanton St.; \$20,000.
John McEwen, four-sty brick warehouse, 235
Wells St.; \$12,000.

MISCELLANEOUS.

Brooklyn, N. Y. — Surf Ave., n.e. 200' w 12th St.,
two-sty frame pavilion, 72' x 100', gravel roof;
\$8,000; own., John A. Cook, 447 Fourteenth St.;
arch., E. H. Brinkenhoff, Bowery and Schwieberts'
Walk.

Chicago, Ill. — Swift & Co., five-sty brick pack-
ing-house, Throop St. and Exchange Ave.; \$18,000.

Macon, Ga. — Mulberry St., three-sty brick building
for stores and society purposes; \$15,000; own.,
Knights of Pythias; arch., D. B. Woodruff, Ex-
change Bank Building.

Milwaukee, Wis. — Aldrich St., seven-sty brick
brewery, malt house, 94' x 140'; \$50,000; own.,
Hansen Hop and Malt Co.; con., Chas. Luenzmann
& Son and Wm. Strachota; arch., Otto Strack, Fabst
Building.

Portland, Me. — Congress and High Sts., five-sty
Society building, brick, stone and terra-cotta, 90' x
100', flat roof, steam; \$40,000; own., Y. M. C. A.;
arch., Fred'k A. Thompson; not let.

COMPETITIONS.

FOR Programmes of Competitions of Society of
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position No. 2, 5,000 pounds composition No. 3. Ad-
dress JOHN R. MURPHY, Water Commissioner,
City Hall, as above. 1105

HOSPITAL, Etc.

[At New York, N. Y.]
Proposals are wanted until March 3, for one
three-sty brick and stone extension for two frame
quarantine pavilion hospitals and for extension to
Industrial School Building, Randall's Island; also
for mason and carpenter work, new elevator, iron
work, heating and ventilating, plumbing, etc., Belle-
vue Hospital; also for mason and carpenter work,
composition-roofing, concreting, etc., to wagon house
and stable, Harlem Hospital. Address SILAS C.
CROFT, President of Commissioners Department of
Public Charities, as above. 1105

HOSPITAL ANNEX.

[At Hartwell, O.]
Proposals are wanted until March 12, for brick,
iron and cut-stone work, plumbing, etc., for annex
for harmless insane at City Infirmary. Address
AUG. HERRMANN, President Board of Administration,
Cincinnati, O. 1105

Treasury Department, Office of the Supervising
Architect, Washington, D. C., February 23, 1897.
Sealed proposals will be received at this office until 2
o'clock P. M. on the 18th day of March, 1897, and
opened immediately thereafter, for all the labor and
materials required for furnishing and erecting com-
plete two (2) hydraulic passenger elevators, including
pumps, tanks, etc., for the United States Court-house,
Post-office, etc., building at Detroit, Michigan, in ac-
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than 2% of the amount of the proposal. The right is
reserved to reject any or all bids and to waive any
defect or informality in any bid, should it be deemed
in the interest of the Government to do so. All pro-
posals received after the time stated for opening will
be returned to the bidders. WM. MARTIN AIKEN,
Supervising Architect. 1106

REGISTRY OF DEEDS, ETC.

[At East Cambridge, Mass.]
Separate proposals are wanted until March 15,
for Registry of Deeds and Probate Court Building for
the County of Middlesex, for steam-heating plant,
and for furniture and electric light fixtures and
furnishings for same. Plans, etc., at office of Olin
W. Cutter, Architect, 85 State St., Boston. Address
COUNTY COMMISSIONERS OF MIDDLESEX
COUNTY, East Cambridge. 1106

BOAT-HOUSE.

[At Boston, Mass.]
Proposals are wanted until March 2, for boat
storage-house at Pine Bank Cove, Jamaica Park.
Plans, etc., at office of Wales & Holt, Architects, 22
Congress St. Address PARK COMMISSIONERS, 53
State St., as above. 1105

Treasury Department, Office Supervising Architect,
Washington, D. C., February 15, 1897. Sealed propo-
sals will be received at this office until 2 o'clock P. M.
on the 16th day of March, 1897, and opened im-
mediately thereafter, for all the labor and materials
required for the completion of the addition (except
heating-apparatus and elevator car) to the United
States Court-house and Post-office Building at Little
Rock, Ark., in accordance with drawings and specifica-
tion, copies of which may be had at this office or at
the office of the Superintendent at Little Rock,
Ark. Each bid must be accompanied by a certified
check for a sum not less than 2% of the amount of
the proposal. The right is reserved to reject any or
all bids and to waive any defect or informality in any
bid, should it be deemed in the interest of the Gov-
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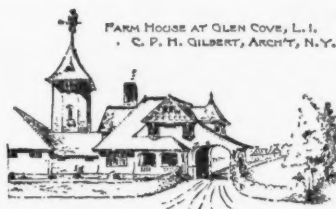
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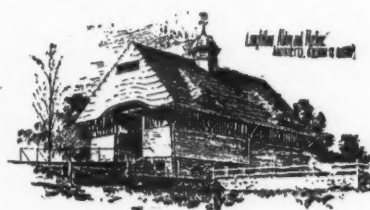
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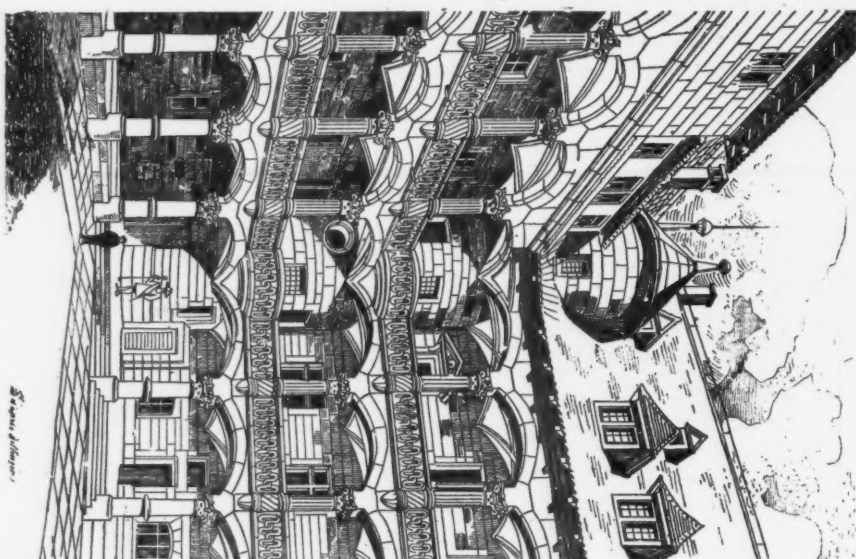
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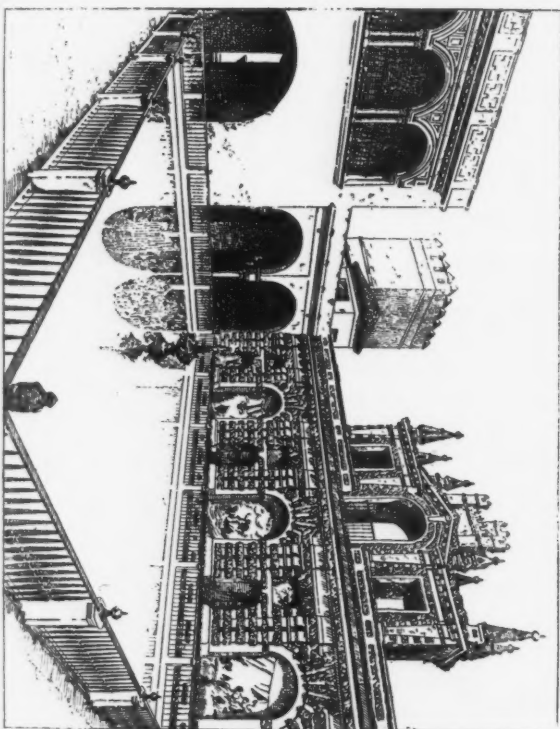
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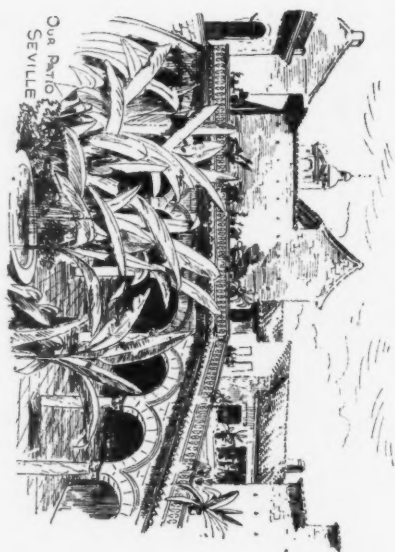
Longfellow House and Village
MAINE



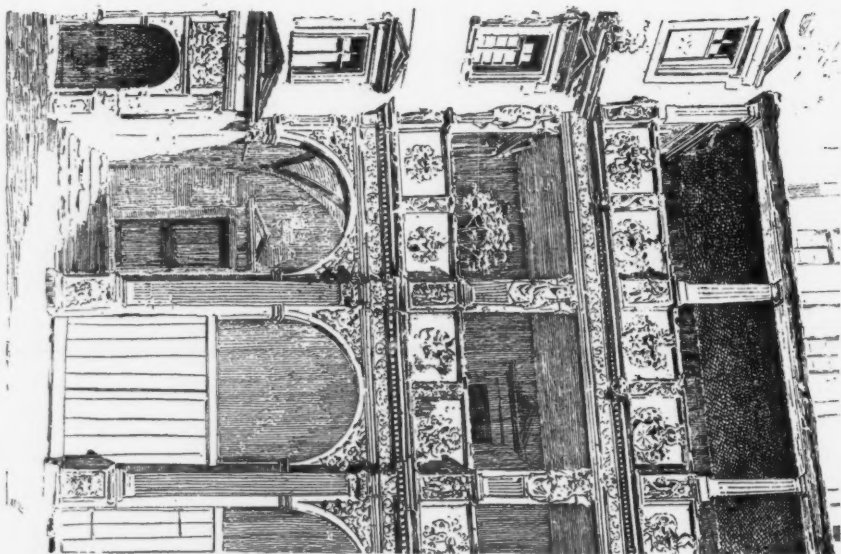
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(Advance Rumors Continued.)

E. C. Dow has plans drawn by Wilson & Marshall for an apartment-house on Rhodes Ave. and 34th St., to cost \$12,000.

Wm. Schneider will build an apartment-house, designed by Brainerd & Holman, at 3913-3915 Calumet Ave. It will cost \$27,000.

Jenney & Mundie are the architects for the enlarging and remodeling of the Grand Pacific Hotel, Clark and Jackson Sts., which will be done at a cost of \$175,000 to \$200,000.

Clyde, N. Y. — A movement is on foot to build a new opera-house to cost between \$15,000 and \$20,000.

Concord, N. H. — The State Capital Bank is to make extensive alterations to its building on Main St.

Des Moines, Ia. — Contracts for the County Insane Asylum at the Poor Farm have been given out to Charles Wertz for the carpenter work at \$23,822, and to the Capitol City Brick and Pipe Co., for other work at \$22,052.

Eastland, Tex. — The County Commissioners contemplate building a court-house.

Fall River, Mass. — M. T. Hudner will probably put up a new office-building on South Main and Bowen Sts., to cost \$40,000.

Frederick, Md. — The building of a hotel, to cost about \$30,000, on Braddock Mountain is proposed.

Harrisburg, Pa. — It is reported that the following have been agreed upon as members of the Building Commission for the new Capitol: W. B. Gill, Joseph Wharton and W. M. Singler, Philadelphia; Lieut.-Gov. W. Lyon, Allegheny; A. M. High, Reading; Representative J. B. Corvill, Williamsport; John S. Weiss, Harrisburg; Secretary of the Commonwealth, Frank Reeder, Easton; Robert E. Wright and John H. Pascoe, Allentown; ex-Att'y Gen. H. W. Palmer, Wilkes-Barre, and ex-Lieut.-Gov. L. A. Watres, Scranton. The cost of the new Capitol it is said has been fixed at \$5,000,000. The architect is understood to have been selected and will be paid \$35,000 for the preliminary plans and sketches.

Indianapolis, Ind. — It is said that H. W. Lawrence will spend \$30,000 in improvements to the Bates House.

Kalamazoo, Mich. — The Board of Education are receiving plans for a brick and stone High school building.

Knox, Ind. — Wing & Mahurin, of Fort Wayne, are the architects of the \$75,000 court-house to be built here.

Kokomo, Ind. — D. A. Blythe and Edward W. Curtis expect to let contract for a \$30,000 opera-house this spring.

Lawrence, Mass. — The Home Club may build a frame club-house, to cost \$20,000.

Leominster, Mass. — The town appropriated March 1, \$45,000 for two new Grammar school-houses and \$20,000 for new central fire station.

Manchester, N. H. — Work on the new railroad station, to cost \$100,000, will soon begin.

Mansfield, O. — The Y. M. C. A., has the \$30,000 needed for their new building and work is to begin as soon as weather permits.

McMinnville, Tenn. — The contract for the new court-house has been given to B. M. Nelson, of Decatur, Ala., at \$12,750.

Memphis, Tenn. — A three-sty office-building, 25' x 148', of brick, stone and terra-cotta, to cost about \$30,000, will be built.

Middletown, N. Y. — Frank J. Lindsay has made plans for a \$75,000 hotel to be built on the site of the present Russell House on James St.

Milwaukee, Wis. — A bill has been introduced in the Legislature for the removal of the seat of government from Madison to Milwaukee, on condition that Milwaukee donate a three-acre site, provide \$1,000,000 for a Capitol and build an executive residence.

Minneapolis, Minn. — MacLeod & Lamoreaux have planned a business building for Nicollet Ave., to be 44 x 68', four-sty, fireproof, gravel roof, white terra-cotta front, to cost \$25,000.

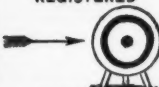
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Monroe, La. — The Methodists will build a church to cost about \$12,000.

Montreal, Can. — W. C. McDonald, has given \$450,000 to McGill University for a building for chemistry, mining and metallurgy, and for the endowment of chairs of architecture, and mining and metallurgy.

Nashua, N. H. — The Jackson Company will make extensive improvements to their cotton mill plant.

New Bedford, Mass. — F. R. Slocum's new building will be five stories high, of granite and brick. Nat C. Smith is the architect, and work is to be begun at once.

Nat C. Smith has made plans for the \$50,000 addition to the court-house, and a bill for the necessary appropriation has been offered to the Legislature.

New York, N. Y. — It is now stated that the alterations and improvements at the Grand Central Station will cost \$700,000, according to the plans filed in the Building Department. Bradford L. Gilbert is architect.

W. B. Tutill is the architect of a seven-sty, 50' x 100', fireproof, brick and stone hospital, to be built for the New York Medical College and Hospital for Women, at 213 West 54th St.

J. D. Murphy & Co. have the contract for the new school-house on Fulton Ave., at \$253,400.

C. B. J. Snyder is making plans for a five-sty brick and stone school-house, 125' x 175', to be built

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

on Hester St., between Orchard and Ludlow Sts., to cost \$200,000; and for a five-sty school-house, 100' x 200', to be built on Avenue A, between 77th and 78th Sts., at a cost of about \$190,000.

Norfolk, Va. — Carpenter & Peebles are the architects of the new Monticello Hotel, which is to cost about \$150,000.

Paducah, Ky. — The Masons are thinking of building a \$50,000 temple.

Peoria, Ill. — The Jewish Congregation will build a \$20,000 edifice on Hancock and Monroe Sts.

Providence, R. I. — J. W. Bishop & Co., will be the contractors for the new Public Library building, of which Stone, Carpenter & Willson are the architects.

Reading, Pa. — The Building Committee of the School Board has recommended that an additional appropriation of \$18,000 be made for the new school-house in the 16th Ward.

Rockville, Conn. — George Arnold & Sons have the contract for the new Turn Hall at \$25,000.

San Francisco, Cal. — St. Luke's Church will build a new school; \$20,000 has already been given, it is said.

Scranton, Pa. — Philadelphia capitalists, represented by W. H. Sampson, of that city, are said to have bought property here for the purpose of building a \$300,000 market house.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Seattle, Wash.—Plans have been made by August Tideman for a three-story brick block, 100' x 240', to be built on Western Ave., for J. M. Coleman.

South Bend, Ind.—There is talk of building a new city hall.

Springfield, Mass.—It is proposed to spend about \$100,000 in building new and making alterations to old schoolhouses, besides the cost of the new High School.

Stillwater, Minn.—Plans by Orff & Joralemon, of Minneapolis, were accepted for eight-room school building, to be of pressed brick, 74' x 74'; cost \$13,000.

Syracuse, N. Y.—The University Building Committee is arranging to consider plans for the new buildings. Contracts will all be let and work on tearing down the old buildings now occupying the site will be begun about May 1st. The architects who have been invited to compete are John M. Carrère, of New York; Fuller & Wheeler, of Albany; Green & Wicks, of Buffalo; Lamb & Rich, of New York; H. J. Hardenburgh, of New York; Makepeace & Loring, of Syracuse; and Benson & Brockway, of New York. A loan of \$350,000 with which to erect the buildings has been secured.

A new fireproof opera-house is to be erected on the site of the old burned Wieting Opera-house by Mrs. John W. Wieting. Plans have been prepared by Oscar Cobb & Son, of Chicago, for a four-story brick and steel structure to cost about \$250,000. The front will be of red pressed-brick and gray sandstone.

The trustees of the House of the Good Shepherd have raised over \$10,000 for improving the hospital buildings. The proposed changes in the hospital building will be extensive and in accord with the demands of a modern hospital. On the present site of this building it is proposed to erect a large addition. The cost of the improvements will be \$40,000.

Tarrytown, N. Y.—R. L. Daus, of Brooklyn, is the architect of the alterations and addition to John D. Rockefeller's house.

Tullahoma, Tenn.—St. Barnabas Church will build an edifice to cost about \$10,000.

Union Hill, N. J.—The trustees of the Holy Family Roman Catholic Church will build a \$50,000 parochial school on the Hackensack Plank Road.

Vandergrift, Pa.—J. E. Allison, of Pittsburgh, has made plans for a \$16,000 church to be built here.

Vineland, N. J.—H. Conger Edgette has made plans for the New Jersey Training School, to cost about \$25,000.

Washington, D. C.—Louis F. Stutz has made plans for the new Keller Memorial Lutheran Church, to be built on the corner of 9th St. and Maryland Ave., N. E.

Whitman, Mass.—The town voted on March 1, to build a new \$12,000 school-house.

ALTERATIONS AND ADDITIONS.

Buffalo, N. Y.—Prospect Ave., No. 83, three-story brick addition; own, Ralph Stone; arch., John S. Rowe; not let.

APARTMENT-HOUSES.

Buffalo, N. Y.—Ashland Ave., bet. Bryant and Summer Sts., three-story brick flats, 50' x 30'; \$18,000; own, F. H. Eberhart; arch., John S. Rowe.

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Chicago, Ill.—Mrs. Enna Hartberg, 2 three-story brick flats, 1673-1675 Perry St.; \$15,000.

Wellington Miller, two-story brick flats, 1717-1719 Sheridan Drive; \$9,000.

F. C. Keller, three-story brick flats, 4608 Vincennes Ave.; \$5,500.

F. Washington, 2 two-story frame flats, 1466-1468 Perry St.; \$5,000.

Chas. Dutton, two-story brick flats, 2097 Wilcox Ave.; \$5,000.

F. Barnard, three-story brick flats, 1309-1311 Montana Ave.; \$15,000.

Thos. F. McGovern, three-story brick apart., 636-638 Evanston Ave.; \$12,000.

A. F. Grunholm, four-story brick flats, 209 Sedgwick St.; \$12,000.

Wm. Stephen, two-story brick flats, 913 Addison Ave.; \$5,000.

Mrs. Kate Monahan, three-story brick flats, 607 Fulton St.; \$6,000.

F. M. Benson, 2 three-story brick flats, 234-236 Ninety-first St.; \$10,000.

Olson & Corby, 2 three-story brick flats, 4725-4727 St. Lawrence Ave.; \$12,000.

Larchmont Manor, N. Y.—Three-story frame store and flat, 50' x 75'; \$10,000; own, Mrs. Wm. Cullington; arch., Ralph E. Hawes, 1 Madison Ave., New York City.

New York, N. Y.—One Hundred and Sixty-eighth St., nr. Franklin Ave., 4 four-story brick flats, 49' x 90'; \$32,000; own, James T. Barry, 167th St. and Boston Ave.; arch., Wm. C. Dickinson.

One Hundred and Thirty-fourth St., nr. Brown Pl., five-story brick flat, 25' x 50'; \$35,000; own, Wm. Weiher, premises.

One Hundred and Thirty-Fourth St., nr. Brown Pl., five-story brick flat, 25' x 60'; \$35,000; own, Wm. Weiher.

One Hundred and Fifty-first St., cor. Courtlandt Ave., 5 five-story brick and stone flats and stores, various dimensions; \$75,000; own, A. Huffel's Sons, 161st St. and St. Ann's Ave.

One Hundred and Forty-eighth St., e. Bergen Ave., 6 five-story brick and stone flats, 25' x 70'; \$120,000; own, arch. and bld., Albert Rothermel, 201 East 89th St.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

One Hundred and Fourteenth St., nr. Lenox Ave., 4 five-story brick and marble flats, 31' x 50'; \$125,000; own, Graziadio & Co., and Angelo Adamo, 2186 First Ave.; arch., Solomon D. Cohen, 176 Broadway.

One Hundred and Forty-eighth St., w. Brook Ave., 2 four-story brick flats, 25' x 75'; \$30,000; own, P. J. Cooney, 803 East 148th St.; arch., F. J. Miller & Co., 3363 Third Ave.

Henry St., No. 25, six-story brick flat, 40' x 80'; \$22,000; own, Mary K. Currie, premises; arch., George Hoffman.

East Seventy-seventh St., No. 243, six-story brick flat and store, 30' x 60'; \$25,000; own, Heinrich D. A. Bauph, 2154 Second Ave.; arch., Schneider & Herter, Bible House.

West Fifty-second St., Nos. 328-342, 4 five-story and basement flats, 25' x 75' x 100'; own, bld. and arch., P. Herter & Son, 1032 Lexington Ave.

One Hundred and Thirty-seventh St., nr. Seventh Ave., 2 five-story brick flats, 40' x 80'; \$52,000; own, August Jacob, 260 East 78th St.; arch., John Hauser.

Eighty-eighth St., nr. Second Ave., 3 five-story brick flats, various dimensions; \$45,000; own, Jos. H. Schreiner, 110 West 121st St.; arch., John Hauser, 1441 Third Ave.

Eighty-eighth St., cor. Second Ave., 4 five-story brick flats and stores, 30' x 60'; \$78,000; own, Jos. H. Schreiner; arch., John Hauser.

East Eighty-sixth St., No. 341, five-story brick flat and store; \$20,000; own, Ferdinand Schaad, 339 East 86th St.; arch., Thomas Graham.

Houston St., No. 179, e. six-story brick flats and stores, 40' x 80'; \$20,000; own, Martha Heldt, 510 East 12th St.; arch., Julius Boeckell & Son, Bond St.

One Hundred and Eleventh St., nr. Seventh Ave., 2 five-story brick flats, 30' x 80'; \$46,000; own, Thos. K. Moore, West New Brighton, S. I.; arch., Carl A. Millner, 215 West 125th St.

One Hundred and Thirtieth St., cor. St. Nicholas Ave., 7 five-story brick flats, various dimensions; \$190,000; own, Matthew C. Kervan, 110 West 127th St.; arch., Neville & Bagge.

East Eighty-Seventh St., No. 343, five-story brick flat, 45' x 70'; \$26,000; own, James Casey, on premises; arch., Henry Anderson, 1180 Broadway.

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PLATE 1497-G.

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

West Forty-fourth St., No. 541, five-st'y brick flat, 40' x 90'; \$20,000; own., Mary McWalters, 43 West 98th St.
One Hundred and Third St., nr. Manhattan Ave., 3 five-st'y brick flats, 30' x 70'; \$70,000; own., Furman Gaines, premises; arch., Neville & Bagge.
Eighty-eighth St., cor. Madison Ave., six-st'y brick flats and store, 40' x 90'; \$40,000; own., Isidor Hoffstadt; arch., Neville & Bagge.
Third Ave., nr. 154th St., five-st'y brick flat, 30' x 60'; \$20,000; own., Henry C. Hart, 437 East 84th St.; arch., Chas. Stegmayer, 306 East 82d St.

CHURCHES.

Atlantic City, N. J.—One-st'y basement and gallery stone Olivet Presbyterian Church, 80' x 120', slate roof; arch., E. P. Stout.
Reading, Pa.—One-st'y gallery and basement brick and stone Grace United Evangelical Lutheran Church, 100' x 60'; cost about \$20,000; arch., A. F. Smith.
Whitinsville, Mass.—Brick and terra-cotta church, 132' x 60', slate roof, and chapel 33' x 33', adjoining; own., Rev. Fr. O'Reilly; arch., Chas. D. Maginnis, 810 Fremont Building, Boston; not let.

EDUCATIONAL.

Boston, Mass.—**Chestnut Hill Ave. and Chiswick Road**, school, 60' x 68', hip roof, steam; \$15,000 own., City of Boston; arch., Lewis H. Bacon.
South Hadley, Mass.—**Mt. Holyoke College**, two-and-one-half-st'y stone administration building, about 100' x 150'; arch., Gardner, Pyne & Gardner, Springfield; bld., Casper Ranger, Holyoke.
Tonawanda, N. Y.—Three-st'y brick school-house; \$50,000; own., City; arch., Phillips & Graves, Buffalo; not let.

FACTORIES.

Philadelphia, Pa.—**Lombard St., n w cor. 10th St.**, five-st'y brick and iron factory, 354' x 66½', slag roof; own., Edw. A. Phillips & Son; arch., C. H. Kirk & H. G. Kimball, Head Bldg.
Wilmington, Del.—**Third St. and Greenhill Ave.**, five-st'y brick shop; \$47,600; own., Ford Morocco Co.; con., F. Foley; arch., E. L. Rice.

HOTELS.

Chester, Pa.—Three-st'y frame and brick hotel, 40' x 60'; estimated cost \$14,000; own., Mrs. A. J. Carr; arch., J. C. Newcom, 1001 Chestnut St., Philadelphia.

HOUSES.

Atlantic City, N. J.—**Oriental Ave.**, ab. New Jersey Ave., three-st'y and basement frame and brick dwell., 40' x 50', shingle roof; \$7,000; own., Mrs. M. McAdams, Philadelphia; arch., W. G. Hoopes.
Baltimore, Md.—**Eight two-st'y dwells.**, n s Saratoga St., bet. Carey and Calhoun Sts.; own., R. H. Yeatman, 313 North Schroeder St.
Eleven two-st'y brick dwells., w s Milton Ave., bet. Jefferson and McKiderry Sts.; own., P. C. & J. L. Mueller, 1101 East Ave.

BUILDING INTELLIGENCE.

(Houses Continued.)

Six two-st'y brick dwells., w s Hoffman Pl., bet. Ann and Register Sts.; own., Wm. J. Clendenin, 1536 North Broadway.
Four two-st'y brick dwells., s s Hughes St., bet. Charles and Light Sts.; own., Philip Rosbach, 5 West Montgomery St.
Two two-and-one-half-st'y frame cottages, 20' x 40', 13th St., bet. Clifton and Walbrook Aves.; 2 two-and-one-half-st'y frame cottages, 26' x 40', e s Cheston Ave., bet. Clifton and Walbrook Aves.; 3 two-and-one-half-st'y frame cottages, 26' x 40', n s Clifton Ave., bet. 14th and 15th Sts.; own., W. J. Stavro, 2003 North Pulaski St.
Three two-st'y frame cottages, 16' x 53', n s Dumbarton Ave., e Old York Road; own., Harry C. Hardy.
Twenty-four two-st'y brick dwells., w s London Ave., bet. McHenry St. and Old Frederick Road; own., Wm. R. Davis, 1014 East Hoffman St.
Boston, Mass.—**Garden St., nr. Etna St., Ward 25**, two-st'y frame dwell., 25' x 36', pitch roof, furnace; \$4,500; own. and bld., George & David Beer, on premises.
Kenwood St., nr. Allston St., Ward 20, two-st'y frame dwell., 28' x 58', pitch roof, steam; \$7,000; own., N. S. Miller, 166 Devonshire St.; arch., T. E. Sheehan.
G St., nr. East 9th St., Ward 14, 2 three-st'y frame dwells., 23' x 51'; flat roofs, stoves; \$8,000; own. and bld., S. W. Johnson, 591 Broadway.
Lamarine St., nr. Emma St., Ward 22, 3 three-st'y frame dwells., 20' x 54', flat roofs; \$15,000; own., Emma Haberstroh; bld., C. E. Woodman.
Linden Park and Gay Sts., Ward 19, 3 brick dwells., 23' x 45'; \$25,000; own., J. H. Muldoon & J. C. Spillane; arch., Saml. Rantlin & Son.
Malden St. and Harrison Ave., Ward 9, 2 brick dwells. and stores, 20' x 40', flat roofs, stoves; \$14,000; own., Joseph Green, 88 Hammond St., Cambridge; bld., Jas. J. Galvin.
Hillside St., nr. Parker St., Ward 19, 3 two-st'y frame dwells., 24' x 40', pitch roofs, stoves; \$15,000; own., Margaret Sullivan & Mary E. Higgins; bld., D. E. Sullivan, 117 Hillside St.
Parkway St., nr. Forest Hills, Ward 23, 2 two-st'y frame dwells., 38' x 38' and 38' x 32', pitch roofs, furnaces; \$14,000; own., John L. Roche, 31 State St.; bld., Linden Thompson & Co.; arch., E. D. Ryerson.
Linden St., nr. Cambridge St., Ward 25, 4 three-st'y frame dwells., 23' x 20' x 50', flat roofs; \$24,000; own., A. L. Jewell, 209 Washington St.; bld., A. B. Gould.
John A. Andrew St., No. 12, Ward 22, two-st'y frame dwell., 24' x 41', pitch roof, furnace; \$5,000; own., R. S. Barrows; bld., J. P. Campbell, 26 Boylston St.
Cushing Ave., nr. Hancock St., Ward 20, two-and-one-half-st'y frame dwell., 38' x 50', pitch roof, hot water; \$18,000; own., Robt. Brampton, Sr.; bld., Wm. Radie, Boston St., Dorchester.
Brookline, Mass.—**Aspinwall Ave.**, two-and-one-half-st'y frame dwell., 38' x 42', pitch roof, furnace; own., Dr. Geo. W. Kaun; arch., Lewis H. Bacon.

BUILDING INTELLIGENCE.

(Houses Continued.)

Chelsea, N. J.—Three-st'y frame and stone dwell., 30' x 40', shingle roof; \$5,500; own., C. J. Adams, Atlantic City; arch., J. B. Hess, 110 Georgia Ave., Atlantic City.
Chicago, Ill.—**P. J. McDonagh**, two-st'y brick dwell., 7400 Bond Ave.; \$5,500.
H. O. Parker, two-st'y brick dwell., 1448-1450 Lawrence Ave.; \$8,000.
J. & A. T. Angorola, 2 two-st'y brick dwells., 1104-1112 Lawrence Ave.; \$7,000.
J. F. Dickinson, two-st'y brick dwell., 26 Junior Terrace; \$5,000.
Edge Hill, Pa.—Six three-st'y frame and stone dwells., 22' x 40', shingle roofs; cost about \$18,500; own., J. H. Glass; arch., E. T. Hetherington, 923 Locust St., Philadelphia.
Pair of two-and-one-half-st'y basement frame and stone dwells., 20' x 40', slate roofs; cost about \$6,500; own., Albert Stine, Philadelphia; arch., E. T. Hetherington, 923 Locust St., Philadelphia.
Mamaroneck, N. Y.—Two-and-one-half-st'y frame dwell.; \$15,000; own., Wm. H. Russell, 32 Nassau St., New York City; arch., Clinton & Russell, 32 Nassau St., New York City.
Milburn, N. Y.—Two-and-one-half-st'y frame dwell.; \$7,000; own., A. B. Bennett; arch., J. G. Glover, 186 Remsen St., Brooklyn.
New York, N. Y.—**One Hundred and Sixty-fifth St., nr. Boulevard**, 15 three-st'y brick and stone dwells., 19' x 50', flat roof, furnaces; \$200,000; own., Wm. Broadbelt, 741 St. Nicholas Ave.; arch., Neville & Bagge.
Eighty-sixth St., 300 ft. e Riverside Drive, 5 five-st'y brick dwells.; \$125,000; own., arch. and bld., E. S. Betts, 950 Mary Ave., Brooklyn.
One Hundred and Forty-seventh St., w Boulevard, 4 three-st'y brick dwells.; \$28,000; own., Asbury Sester, premises; arch., Henry Fouchoux, 11th Ave. and 162d St.
Oak Lane, Pa.—Three-st'y and basement frame and stone dwell., 30' x 50', shingle roof; cost about \$6,000; own., H. A. Stout; arch., E. H. Stout, Law Building, Atlantic City, N. J.
Philadelphia, Pa.—**South Fourth St., No. 936**, three st'y brick dwell., 18' x 80'; own., Rebecca Schwartz, 219 Carpenter St.
P St., n e cor. Kensington Ave., three-st'y brick dwell., 51' x 34'; con., Cornelius Kiely, 1809 East Columbia Ave.
Kensington Ave., n s, e F St., 19 three-st'y brick dwells., 16' x 54'; con., Cornelius Kiely, 1809 East Columbia Ave.
Chestnut St., n s, w 36th St., 8 four-st'y brick and stone dwells., 18' x 26'; con., B. Ketcham Sons, 1029 Brown St.
Huntingdon St., n w cor. Broad St., two-st'y brick dwell., 24' x 60'; con., B. C. Ballinger & Co., 218 North 13th St.
South Fourth St., No. 761, three-st'y brick dwell., 15' x 72'; own., S. Goldberg, 613 South 31 St.
Somerset St., s s, w Gaul St., two-st'y brick dwells., 18' x 62' and 2 two-st'y brick dwells., 15' x 50'; con., Cornelius Kiely, 1809 East Columbia Ave.

Iron-Work.

JACKSON ARCHITECTURAL IRON WORKS,
ESTABLISHED 1840.

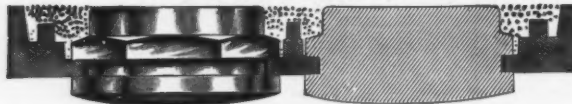
IRON

Fronts for Buildings, Cornices, Lintels and Sills, Doors and Shutters, Girders and Beams, Fire-escape Balconies and Ladders, Columns and Roofs, Sky and Floor Lights, Stable Fittings and Fixtures, Sidewalk Lights. Artistic work in Wrought and Cast Iron, Brass and Bronze. Designs and Estimates of Cost Furnished for Work in any Department.

Foundry and Shops, East 28th and East 29th Sts. Office, 315 East 28th St., New York.

DAUCHY IRON WORKS

PRISMATIC LIGHT WORK



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CHICAGO

Lorillard Refrigerator.

For Hotels, Institutions, Families, etc.
The new glass lining is recommended by Sanitary Experts and Architects.

25% to 40% saving on ice bills.

Lorillard Refrigerator Co.,
1168 Broadway, New York, N. Y.

BUILDING INTELLIGENCE.

(Houses Continued.)

Gaul St., s w cor. Somerset St., two-st'y brick dwell., 16' x 50'; con., Cornelius Kiely, 1809 East Columbia Ave.

STABLES.

Boston, Mass.—South St., cor. Farquhar St., Ward 23, one-and-one-half-st'y frame stable, 25' x 20', pitch roof; \$1,000; own. C. D. Burke, Centre St., Jamaica Plain; bid., Brown Bros.

Mt. Vernon St., rear No. 42, Ward 23, one-and-one-half-st'y frame stable, 33' x 24', pitch roof; \$1,000; own. and bid., Thos. Nannery, on premises. Cambridge St., rear No. 590, Ward 25, one-and-one-half-st'y frame stable, 20' x 25', pitch roof; \$1,000; own., Nathan A. Simonds, 88 Highborn St.; arch., Fred A. Norcross.

New York, N. Y.—West Fifty-second St., No. 366, five-st'y brick and stone stable, 25' x 100'; own., arch. and bid., P. Herter & Son, 1032 Lexington Ave.

West Twenty-fourth St., Nos. 150-161, six-st'y brick and stone stable and lofts, 41' 8" x 98' 9"; own., C. A. Winch, 253 West 23d St.

PROPOSALS.

TERRA-COTTA SEWER-PIPE.

[At Washington, D. C.]
Proposals are wanted until March 13, for terra-cotta sewer-pipe. Address JOHN W. ROSS, GEORGE TRUEDELL, CHAS. F. POWELL, Commissioners, as above. 1106

CAST-IRON WATER-PIPE.

[At New York, N. Y.]
Proposals are wanted until March 15, for 4,140 feet of 12-inch cast-iron water-pipe, special castings and pig-lead for the Hawaiian Government. Address E. H. ALLEN, Hawaiian Consul-General, 63 Wall St., as above. 1106

SCHOOL-HOUSE ADDITION.

[At New York, N. Y.]
Proposals are wanted until March 9, for addition to Grammar School, No. 13. Address ED. H. PEASLEE, Board of Education, 146 Grand St., as above. 1106

SCHOOL-HOUSE.

[At Canton, O.]
Proposals are wanted until March 16, for North Cherry St. School. Address A. J. CAMPBELL, Clerk of Board of Education, as above. 1107

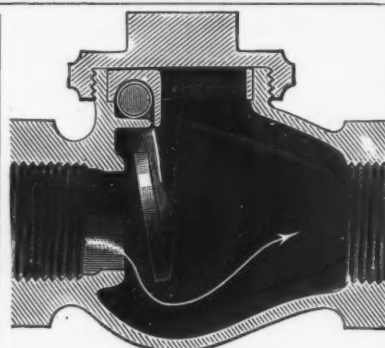
OFFICERS' QUARTERS.

[At Fort Myer, Va.]
Proposals are wanted until March 18 for commanding Officers' Quarters, also plumbing, heating and gas-piping in same. Address CAPTAIN THOMAS CRUSE, Room 328, War Department, Washington, D. C. 1107

DORMITORIES, ETC.

[At Cincinnati, O.]
Proposals are wanted until March 24, for three-st'y brick building and rebuilding dormitories in rear of south building. Address JAMES ALLISON, Secretary of House of Refuge, as above. 1107

Treasury Department, Office Supervising Architect, Washington, D. C., February 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of March, 1897, and opened immediately thereafter, for all the labor and materials and fixing in place complete the low-pressure, return circulation, steam-heating and ventilating apparatus required for the United States Post-office building at Taunton, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Taunton, Mass. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so.



FRICTIONLESS CHECK VALVE.

This Valve we can confidently recommend to the trade as being a full open-way check valve. It has an anti-friction roller on the valve bearings which reduces the wear to the least possible amount. It can be used either in a horizontal or a vertical position, and has no complicated parts. It is made with either "Metal," "Plumbago," "Leather," or "Rubber" Seat.

Haines, Jones & Cadbury Co.,
1136 Ridge Ave., Philadelphia.

Manufacturers of Plumbers' and Steam Fitters' Brass Work.

COMPETITIONS.

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for January 23, 1897. t.f.

PROPOSALS.

do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1107

Treasury Department, Office Supervising Architect, Washington, D. C., February 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 23d day of March, 1897, and opened immediately thereafter, for all the labor and materials required for the low-pressure, return circulation, steam-heating and ventilating apparatus for the United States Post-office Building at Beaver Falls, Pennsylvania, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Beaver Falls, Pa. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1107

Treasury Department, Office Supervising Architect, Washington, D. C., February 26, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of March, 1897, and opened immediately thereafter, for furnishing all the labor and materials and putting in place the steel and iron construction and the cast-iron finish and stairs above fifth floor of dome of the United States Post-office and Court-house at Kansas City, Mo., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Kansas City, Mo. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1107

SUBWAY SECTION.

[At Boston, Mass.]
Proposals are wanted until March 31, for building section 8j, two-track subway, in Cornhill from

PHENIX IRON CO.

410 Walnut Street, - Philadelphia, Pa.

Manufacture all their products, both in

WROUGHT-IRON AND OPEN-HEARTH STEEL,

BEAMS, CHANNELS, ANGLES, ZEEs, TEES, ANGLE BULBS AND STRUCTURAL SHAPES OF ALL KINDS.

Round, Square and Flat Bars of all sizes.

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NEW YORK OFFICE: 163 West 23d Street.

PROPOSALS.

Adams Sq., to near Court St. Address BOSTON TRANSIT COMMISSION, 20 Beacon St., as above. 1109

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 23, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of March, 1897, and opened immediately thereafter, for all the labor and materials required for furnishing and erecting complete two (2) hydraulic passenger elevators, including pumps, tanks, etc., for the United States Court-house, Post-office, etc., building at Detroit, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Detroit, Mich. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated for opening will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1106

REGISTRY OF DEEDS, ETC.

[At East Cambridge, Mass.]
Separate proposals are wanted until March 15, for Registry of Deeds and Probate Court Building for the County of Middlesex, for steam-heating plant, and for furniture and electric-light fixtures and furnishings for same. Plans, etc., at office of Olin W. Cutler, Architect, 35 State St., Boston. Address COUNTY COMMISSIONERS OF MIDDLESEX COUNTY, East Cambridge. 1106

HOSPITAL ANNEX.

[At Hartwell, O.]
Proposals are wanted until March 13, for brick, iron and cut-stone work, plumbing, etc., for annex for harmless insane at City Infirmary. Address AUG. HERRMANN, President Board of Administration, Cincinnati, O. 1106

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 177.

SATURDAY, MARCH 6, 1897.

VOLUME LV.
No. 1100.

IT BURNS THE SMOKE.

THE Gorton Soft-Coal Boiler, which we illustrate herewith, is manufactured by the Gorton & Lidgerwood Co., New York, and is especially constructed to burn the soft coal which is so abundant in the southern and western States. The tendency of soft coal to deposit soot and unconsumed carbon on the heating-surface of the boiler in which it is used has given so much trouble that its use in house-heating boilers has been rendered far from being economical in spite of its cheapness.

The thick black smoke which deposits its soot and unconsumed carbon on the heating surface of the boiler, is caused by imperfect combustion and ceases when perfect combustion is attained.

Take, for an example, the mechanical stoker now being used to a large extent for supplying coal to power boilers. By its use even the finest soft coal can be continuously fed into the fire-box without visible smoke from the chimney-top, which shows that complete combustion is obtained by the more uniform feeding of the coal to the furnace, than when the fire is fed by an engineer.

Instead of using a mechanical device for supplying coal to the fire-pot of the Gorton Soft-Coal Boiler, it is accomplished by gravity.

The coking chambers and coal reservoirs are located between the lower outer surfaces of the boiler and the upper part of the water-leg, so that the coal feeds down into the fire just as it is required. The fire-pot of this boiler is so constructed that sufficient additional air is drawn through the fingered ring at the lower edge of the coking chambers to ignite the gases arising from the coking process. This gives perfect combustion, which means economy in fuel, and prevents the deposit of soot and unconsumed carbon on the heating surface of the boiler, and makes use of that part of the fuel which is wasted when soft coal is used in ordinary fire-pots.

The Gorton Soft-Coal Boiler, therefore, is the only boiler that will burn soft coal, by coking it before it feeds down on the fire, which gives the greatest economy and reduces the cost of running this boiler below that of any other heating boiler on the market.

GORTON & LIDGERWOOD,

NEW YORK.

THE Westinghouse Machine Company reports the sale of three Westinghouse compound engines, 300 horse-power each, and

one 100 horse-power, to the International Electric Company, Liège, Belgium. This is a repeated order.

THE GREAT DURABILITY OF NATURAL ASPHALT.

ONE of the reasons for the remarkable durability of Natural Asphalt—so well authenticated by historic evidence—and for the comparatively perishable nature of pitch and other coal-tar materials, lies in the fact that the oils of the Asphalt are not volatile at any natural temperature, and are therefore permanent, while in all materials manufactured from coal-tar there are volatile oils which evaporate on exposure to the sun and air,

Coal-tar materials undergo the same deterioration under the heat of the sun as in the above test. Asphalt materials, properly prepared, remain absolutely unchanged during years of exposure to sun and air. Hence their permanent adhesiveness, strength and durability.

The test referred to above was made by the Washburn & Moen Mfg. Co., of Worcester, Mass., in order to satisfy themselves that the claims made by us were correct. The result is given in the following letter from them:

WORCESTER, MASS., November 21, 1877.

MESSRS. THE WARREN CHEMICAL AND MFG. CO., NEW YORK:—

Gentlemen.—We have submitted the samples of asphaltic felt and cement, furnished by you, to a comparative test with paper prepared by the best manufacturers of coal-tar materials.

Both kinds were kept for about three weeks in a room heated to a temperature of about 200° Fahr., whereafter no perceptible loss of weight could be marked in either kind, but while the felt or paper prepared with coal-tar material had become very brittle, so it could not be bent without breaking, the Asphaltic felt retained completely its toughness and softness.

The Asphaltic cement and coal-tar composition were also subjected to the same heat. The former softened some while hot and the latter became quite fluid. When cooled off, the Asphaltic cement was tough, while the coal-tar composition was brittle.

Respectfully yours,

F. BERGENDAL.

Chemist of W. & M. Mfg. Co.

The chief advantage of the Warren's Natural Asphalt Roofing, "Anchor Brand," consists in its great durability. This is due to the remarkable fact that the Natural Asphalt materials are not injuriously affected by atmospheric agencies; especially that they will not waste and become brittle, like coal-tar materials, by evaporation.

Architects and others interested in permanent construction should acquaint themselves with the merits of this roofing.

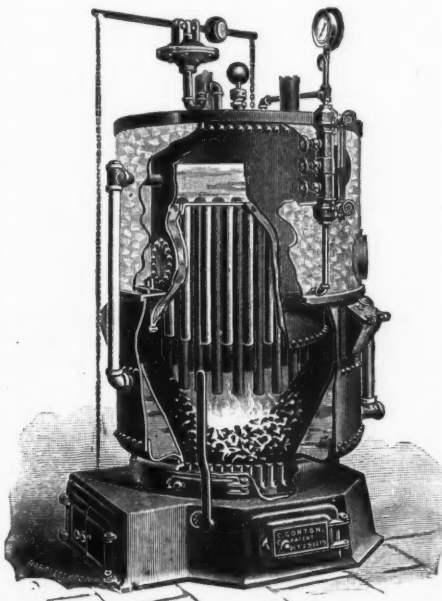
Thousands of the largest factories, warehouses, offices and public buildings in this country and Canada, are covered with Warren's "Anchor Brand" Natural Asphalt Roofing, and it has the indorsement of leading architects everywhere.

WARREN CHEMICAL & MFG. CO.,

813 FULTON ST., NEW YORK.

HENRY R. WORTHINGTON has just been awarded a contract by the City of Chicago, covering six Vertical Triple-Expansion Direct-Acting High-Duty Pumping-Engines, each

(Continued on page 8.)



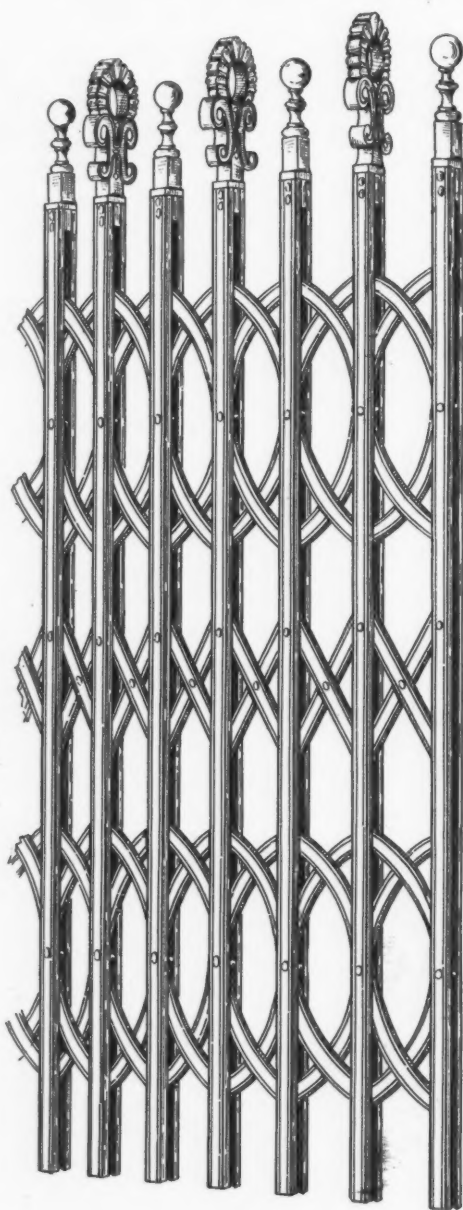
The Gorton Soft-Coal Boiler.

destroying the flexibility and life of the materials. The fact is now well known that any pitch or cement manufactured from coal-tar thus gradually deteriorates until, in the course of a few years, it becomes brittle and crumbles away. Felt, saturated with coal-tar in like manner, hardens until it becomes brittle and, finally, worthless.

These facts are confirmed and illustrated in a very striking manner by subjecting the two materials to a temperature not exceeding 200° Fahr. At this temperature, the coal-tar pitch and felt become brittle and worthless within forty-eight hours, while the Asphalt cement and felt, after three weeks' exposure to the same heat, retain their toughness and flexibility.

WILLIAM R. PITT

COMPOSITE IRON WORKS



THIS SECTION OF BOSTWICK PATENT FOLDING GATE IS NOW ON EXHIBITION AT THE ARCHITECTURAL LEAGUE AT NEW YORK.

THE GATE IS MADE OF FINE BRONZE METAL THROUGHOUT, IS NINE FEET HIGH AND FIFTY FEET IN WIDTH; WHEN COMPLETE, IT WILL BE USED TO PROTECT THE ENTIRE BROADWAY FRONT OF THE NEW BUILDING. THE CURVED TRUSSES ARE NEW IN FOLDING-GATE CONSTRUCTION AND ARE PATENTED, AND THE ARCHITECTS' DESIGN IS CARRIED OUT IN THE MANUFACTURE.

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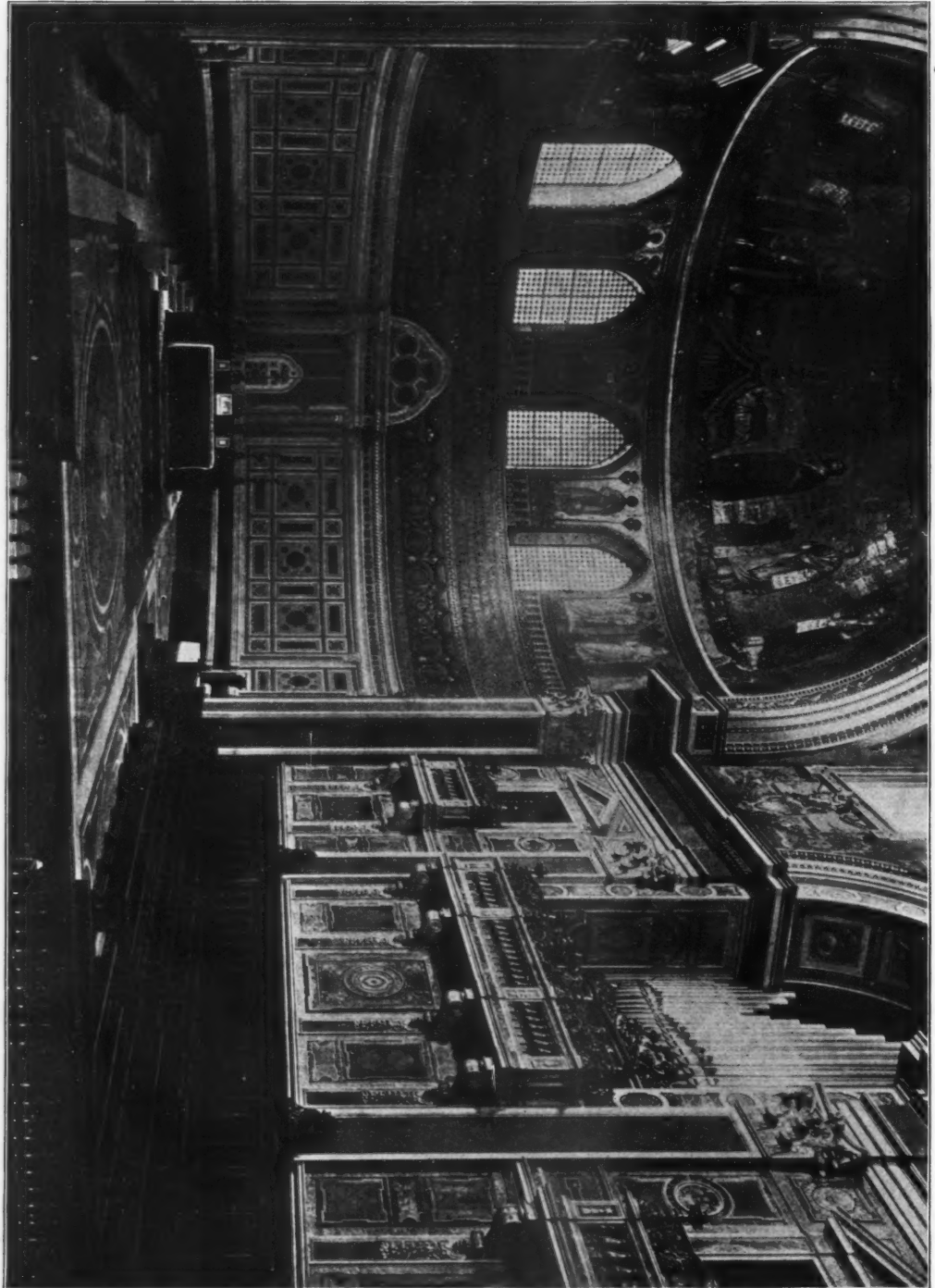
Western Office:

152-154 Wabash Ave., Chicago.

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**COLORADO STATE CAPITOL,
DENVER, COLO.**

JAMES MURDOCH, Architect.

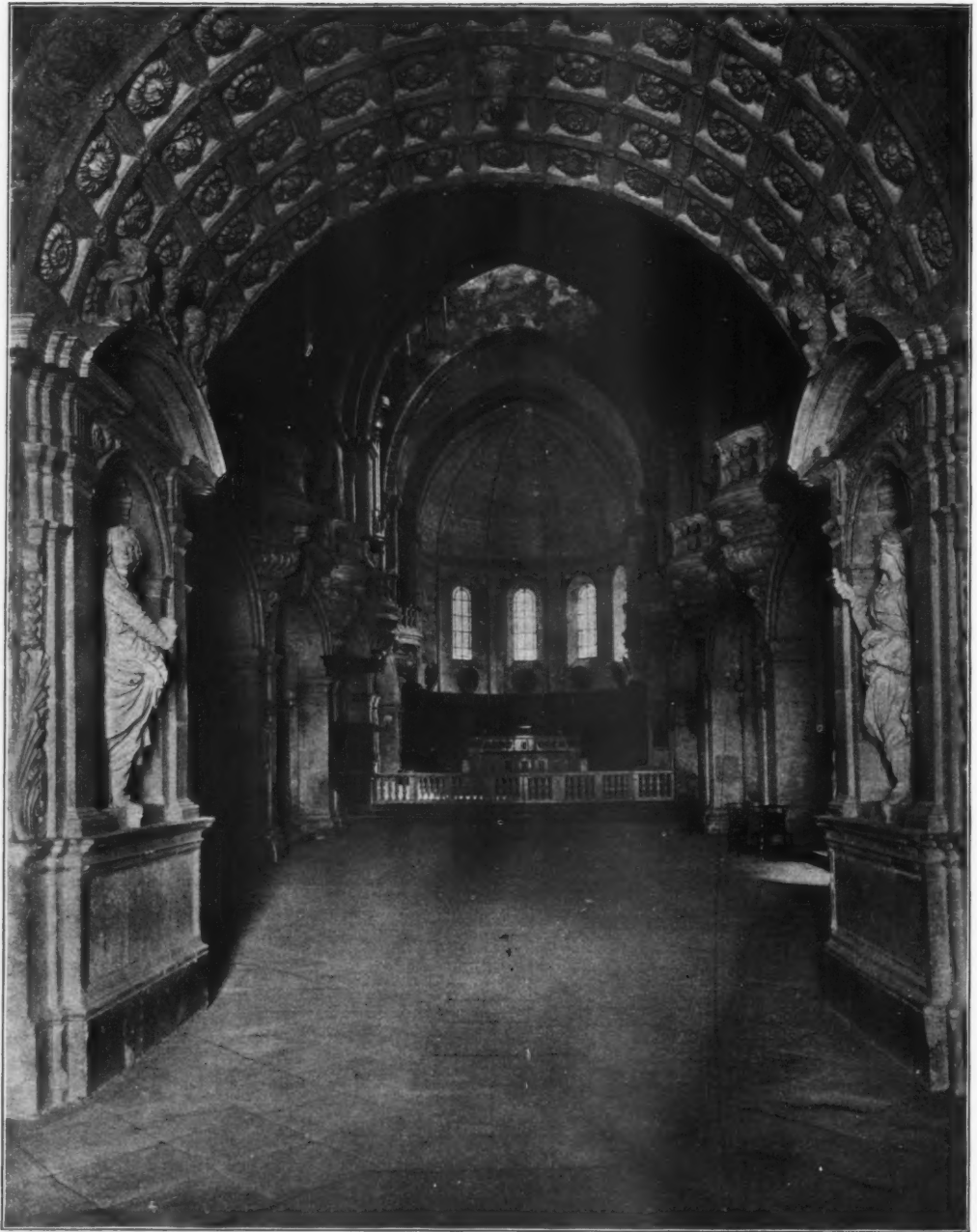
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is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. Houston, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most enduring wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

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of twenty million gallons daily capacity. This contract amounts to \$437,600.00, and is the largest contract for water-works pumping machinery ever placed in this country. The above six engines each have a daily pumping capacity of twenty million gallons against a head of 150 feet, and will be supplied with steam at a pressure of 140 lbs. to the square inch. The engines will be each of 530 horse-power. This company is also building three Vertical Triple-Expansion Direct-Acting High-Duty Pumping-Engines for the City of Brooklyn, N. Y., under a contract amounting to \$385,000.00. These engines each have a daily capacity of twenty million gallons to be delivered against a head of 168 feet, and the steam will be supplied at a pressure of 135 lbs. to the square inch, each engine being of 600 horse-power.

"CENTAUR" POROUS TERRA-COTTA BRICK.

(Patented in United States, Great Britain and France.)

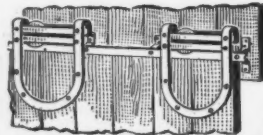
TRUE to our motto, "Excelsior," we have again the pleasure of bringing to the notice of the building trades something entirely new, and an article which cannot fail to be of interest to every one connected with that branch of industry, be he architect, builder, mason or carpenter.

We dub our new brick "The Centaur," and claim for this production, and assert for it only after repeated trials have proven its justice, the following qualities:

It is absolutely fireproof. Though seemingly as hard burned as a front building-brick and as dense, it yet possesses a quality never deemed practicable in a brick. Its porosity is equal to, if not exceeding, that of hard woods, for while such wood may split or chip, nails have been driven into this brick their entire length as closely as they could be without causing either.

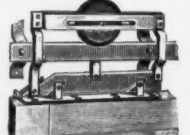
Where nails are sent "home," the tenacity inherent in this material is such that it becomes as difficult to draw them as when driven

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Anti-friction. Most complete in construction. Material the best. No breakage. Ease of movement. Always in order.

LANE'S Patent Noiseless Steel Parlor Door Hanger.



Hanger is made of steel throughout, including wheel, except the filling which deadens the sound. Single steel track instead of double wood rail. Ask your Hardware Dealer and send for Circular.

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LUDLOW SAYLOR WIRE CO. N. E. Cor. Fourth & Elm Sts. ST. LOUIS, MO.



Elevator Enclosures and Cabs,
Metal Work in Brass,
Wire and Wrought-Iron,
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FOR TIN OR SHINGLE ROOFS AND IRON WORK. Tin roofs well painted have not required repainting for 10 to 15 years. IT IS ABSOLUTELY WITHOUT AN EQUAL.

If you need any paint it will pay you to send for circular.

JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.

into hard wood, and further distinguishes it from the usual porous terra-cotta material.

It is nearly impervious to the weather (frosts, etc.), being sufficiently hard burned to withstand all changes, while the porous terra-cotta heretofore used disintegrates after only a short exposure, when used as roofing; while awaiting finished covering, such as slate or tin, it requires the additional labor and expense of painting to prevent deterioration.

It is particularly adapted for partitions, furring, roofing, column and girder covering in all buildings.

It can be employed in connection with common red brick, in any and all work where nailing is requisite, giving a thorough and reliable surface for nailing furring strips to the walls, and also provides excellent "grounds" for any and all trim (hard or soft).

From the preceding qualifications it must readily occur to every carpenter, mason or contractor what a great saving in time, labor and expense the use of this brick secures to him, and we therefore appeal to his individual interests when urging him to acquaint himself with its capabilities, only a few of which we have particularized:

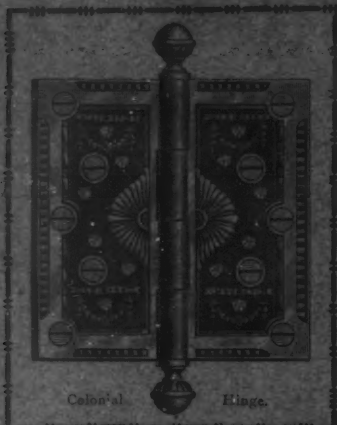
Samples and prices furnished on application.

HENRY MAURER & CO.,
420 E. 23d St., New York.

THE Westinghouse Machine Company has sold to the Tennessee Centennial Exposition Co., four Westinghouse compound engines, each 400 horse-power.

The engines will be installed in the Exposition company's power plant.

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Draughtsmen.**

[See Alphabetical Index on Cover 3 for Pagination.]

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[Advertisers can be indexed only under a single head free of charge]

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alone have this great wood-preserving quality. They have all the distinguishing points of excellence of the high-class article—the clear transparency and soft depth and freshness of color impossible to obtain except by use of the best pigments, and the most careful and skilful preparation. *No muddy effects, no blackening, no lifeless colors.*

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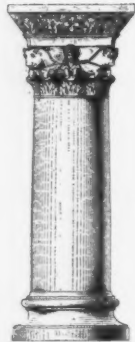
From the Cloister, Monreale.



From St. Germain-des-Prés, Paris.



From the Cloister, Monreale.



From the Church at Rasdorf.



From the Cloister, Monreale.



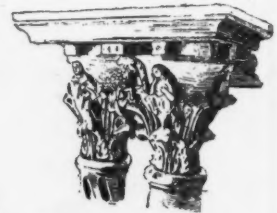
From the Church at Rasdorf.



From the Cloister, Monreale.



From the Cloister, Monreale.



From the Cloister, Monreale.

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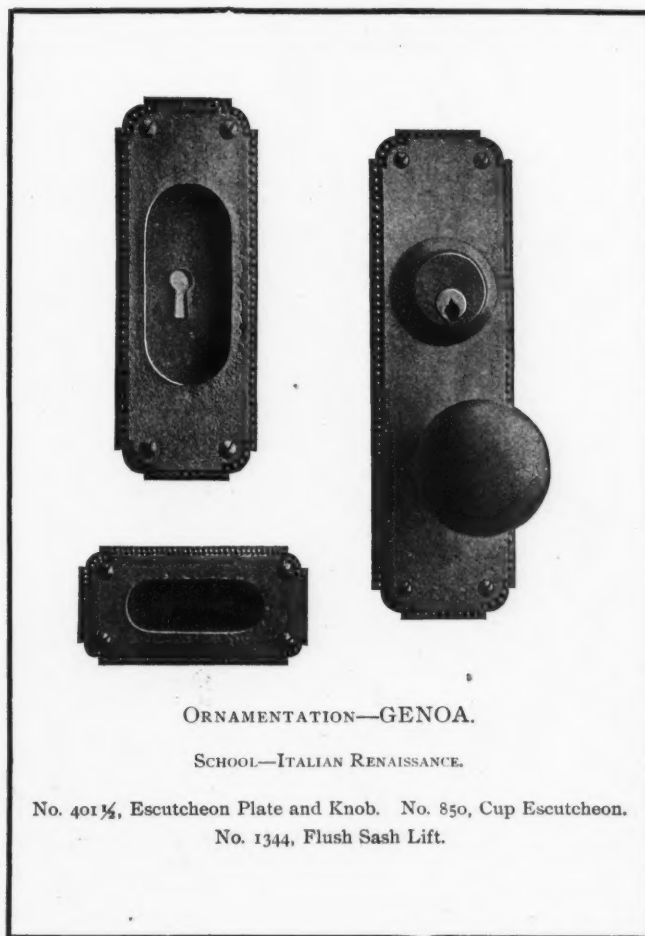
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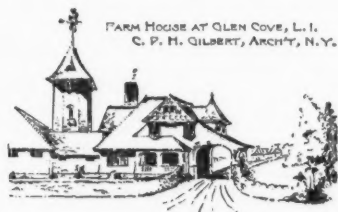
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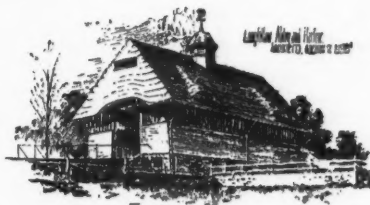
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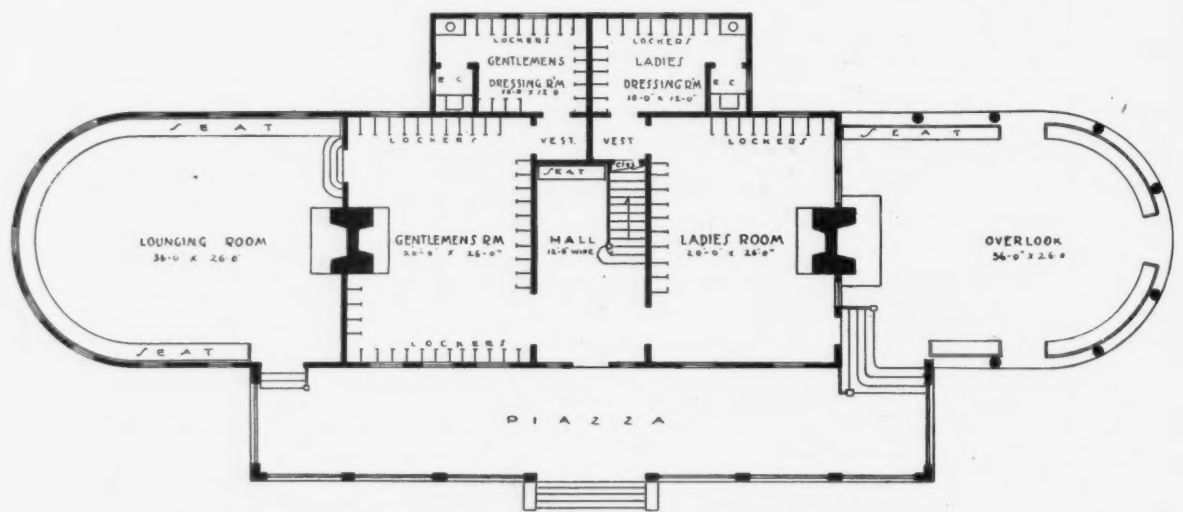
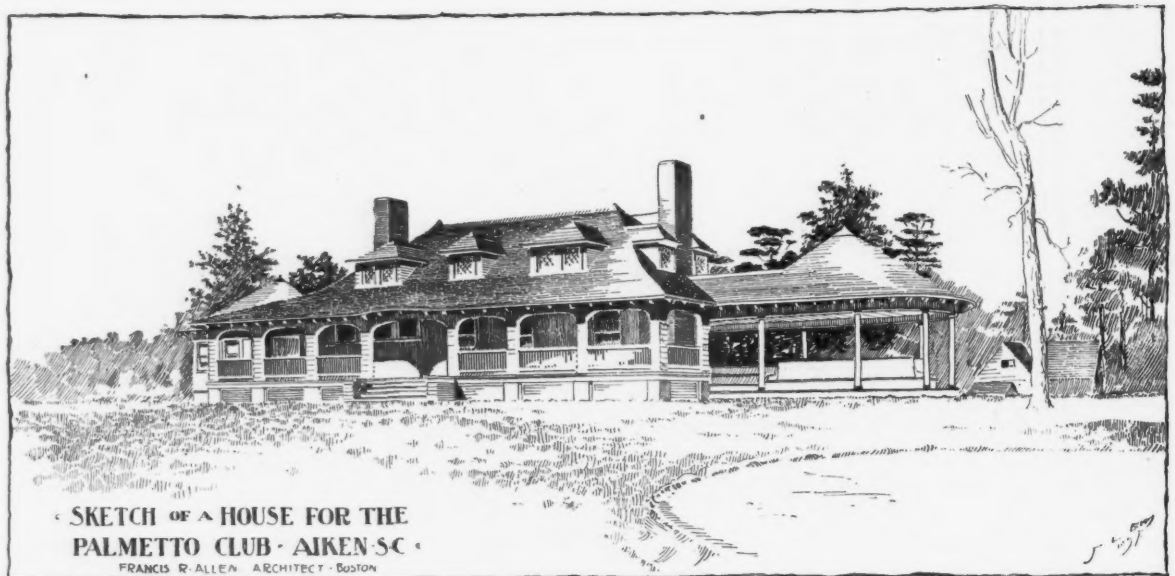
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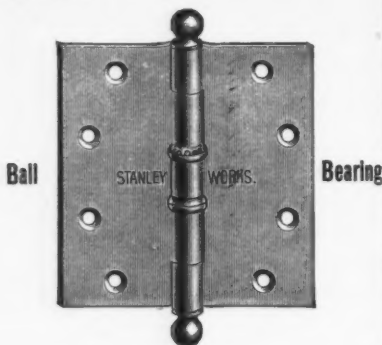
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STONE. (P cubic foot, rough.)				
Foundation:				
Dimension.....	5 00 P ton.		20 @ foot	@ 5 00
Block.....	4 60 P perch.		10 00 @ cord	Conshocken
Rubble.....	1 25 @ 1 50		9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	@ 80	80 @ 90	@	85 @ 1 05
Kibbe.....	@ 90	90 @ 1 10	@	1 05 @ 1 25
Brown (Connecticut).....	1 00 @	1 00 @ 1 30	1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	55 @ 75
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
Berlin.....	80 @ 1 25	25 @ 1 35	@ 1 25	1 00 @ 1 10
Belleville.....	@ 1 00	75 @ 90	Not sold.	1 05 @ 1 15
New Brunswick (Dorchester).....	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Potadam Red.....	@	@ 2 00	@	1 25 @ 1 35
Caen.....	@	@ 1 05	@	95 @ 1 05
Carlisle, English.....	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	55 @ 65
Granite: (Maine)			80 @ 1 50	
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond
Lemont.....			@	P 75 @ 1 50
Serpentine.....		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planned.....	50 @ 5 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	1 25 @ 1 75	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	@	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	@ 4 40	2 50 @ 2 75
" Sienna.....	@	@	Not sold.	@ 5 00
Tennessee, red.....	@	@	@ 4 40	4 00 @ 6 00
" Knoxville.....	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@	@	Not sold.	2 00 @ 3 00
Vermont, white.....	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 80
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 00 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 10
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 10	4 35 @ 5 50
Unfading black, Brownville, Me.....	6 00 @ 8 50	4 25 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
" Monson, Me.....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.....	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war unfading			9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d qual ty.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	12 10 @ 18 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Timber:				
Pine.....	@	3 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 18 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	13 00 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	18 00 @ 28 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@ 1 50	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Spruce Slab.....	@ 1 50			
Pine.....	Round Wood	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	@ 1 5	1 65 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.	1 40 @ 1 60	2 90 @ 3 25	4 60 @ 6 00	(30" P \$35 @ 40
Cedar split..... P M.....	@	Red Cedar	Not sold.	24" 8 @ 21
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	(30" P 35 @ 14
Cypress, Split..... 7 x 24 "	18 00 @ 20 00	6 00 @ 6 00	@	11 00 @ 14 00
Macellaneous:				
Pile..... P ft.....	41 @ 51	Piles 6c. P ft.	10 @ 15 P ft.	
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 15 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. post.).....	@	25 @ 50	7 ft. 11 @ 50	40 @ 1 50
Chestnut posts.....	@	25 @ 80	Not sold.	20 @ 30
Finishing Woods: P M. (First)				
Ash..... (Qual. Kiln-dried)	@ 55 00	45 00 @ 55 00	27 00 @ 33 00	40 00 @ 50 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 100 00	100 00 @ 120 00
Butternut.....	40 00 @ 60 00	60 00 @ 70 00	30 00 @ 35 00	70 00 @ 90 00
Hard-pine floors (rift).....	@ 1 00	42 10 @ 50 00		
Mahogany, Baywood (Mexican).....	@ 350 00	120 00 @ 170 00	130 00 @ 190 00	150 00 @ 250 00
" St. Domingo.....	45 00 @ 60 00	45 00 @ 50 00	140 00 @ 200 00	200 00 @ 400 00
Maple.....	@ 70 00	40 00 @ 50 00	20 00 @ 30 00	30 00 @ 80 00
Oak, red.....	@ 70 00	45 00 @ 55 00	30 00 @ 35 00	40 00 @ 55 00
" white.....	@ 90 00	65 00 @ 75 00	31 00 @ 35 00	42 50 @ 55 00
" quartered.....		50 00 @ 65 00	43 00 @ 50 00	60 00 @ 75 00
Swamp more quartered.....		50 00 @ 65 00	30 00 @ 35 00	51 50 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	50 00 @ 55 00	65 00 @ 75 00
Redwood.....	60 00 @ 70 00	50 00 @ 70 00	40 00 @ 55 00	80 00 @ 75 00
Rosewood..... P B.....	@ 6			
Spruce floor clear, (kiln-dried).....		28 00 @ 32 00		
Walnut, black.....	125 00 @ 150 00	85 00 @ 120 00	75 00 @ 95 00	50 00 @ 175 00
Whitewood.....	45 00 @ 50 00	35 00 @ 45 00	33 00 @ 38 00	25 00 @ 45 00
Yellow pine..... P M.....	@ 45 00	40 00 @ 42 00	-2 50 @ 30 00	@ 45 00

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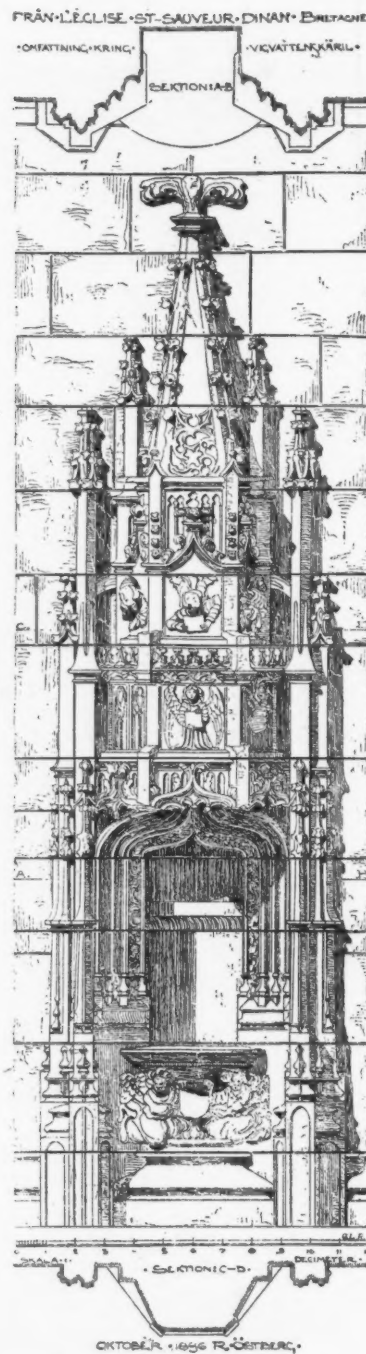
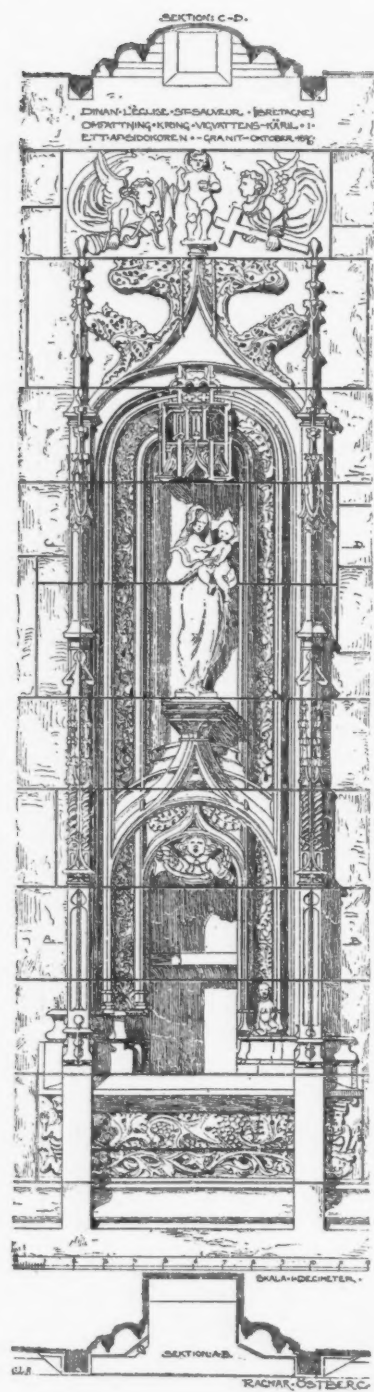
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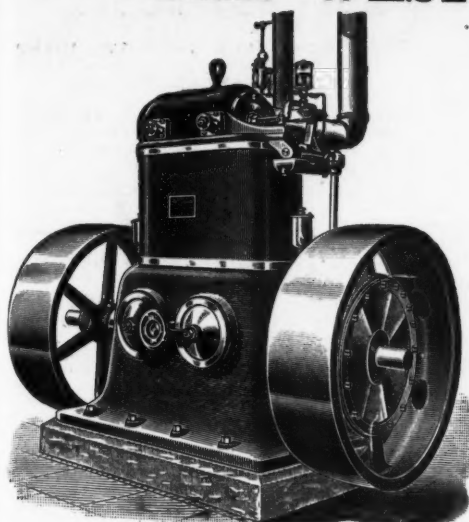
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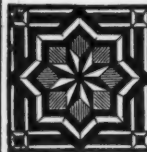
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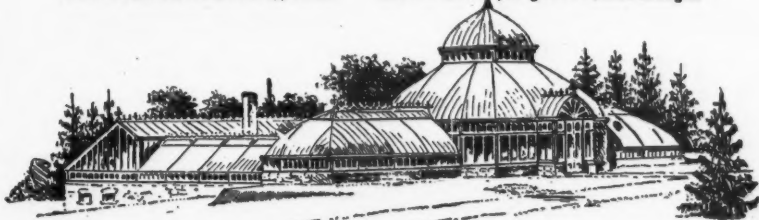
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

of the new brick school-house to be built at the corner of Sewall and Capitol Sts.

Boston, Mass.—A. L. Darrow will be the architect of the new First Free Baptist Church, to be built on the corner of Warren & Harrishof Sts., Roxbury. It will be of brick and measure 83' x 115'.
E. S. Converse has bought the property at No. 107 Milk St. and will add to it the site for the ten-sty steel-frame building which he is to build at the southwest corner of Milk and Pearl Sts. Winslow & Wetherell are the architects.
The contract for the Revere Beach Park bath-houses and other buildings has been given to William T. Eaton, of Boston, at \$119,201; Stickney & Austin are the architects.
The dwelling-house at No. 6 Park St. will be torn down and a seven-sty fireproof office-building built there.

Brockton, Mass.—The Brockton Real Estate Trust Co. has secured a tract of land on Pleasant St., Warren Ave. and Glenwood Sq., and will build on it an apartment-house and 30 houses, the latter ranging in price from \$4,000 to \$9,500 each, including the lots.

Buffalo, N. Y.—George Cary will be the architect of a \$15,000 house to be built for Mrs. Catherine Myers.
Louis Kreis, Jr., has made plans for a \$20,000 brick manufacturing building to be put up for MacWhirther Bros., on Oak St., near Broadway.
Pentecost, Byrnes & Baggeley have plans in hand for a \$20,000 brick store and flats to be built on corner of Vermont & Bremen Sts. for Walter T. Talbert.

Cambridge, Mass.—J. S. Jacobs & Son, of Boston, have the contract for the new Latin school-house.
The West End Street Railway Co. is to build a large brick and stone power-station on Boylston St., near Murray St.
Thomas H. Connell, of Lowell, has been given the general contract for the Registry of Deeds and Probate Court Building at East Cambridge, at \$339,740 or \$334,000, according to materials used. A. B. Franklin, of Boston, has the heating contract at \$12,970.

Camden, N. J.—Contractor Hiram G. Hallinger, 428 Market St. will build 61 dwellings opposite the City-hall and facing parade ground of the new Armory. They will range in price from \$2,500 to \$7,000 each.

Charlottesville, Va.—The Presbyterians will build a church edifice to cost about \$25,000.

Chicago, Ill.—Simeon B. Eisendrath will remodel 283 South State St., making a new front and interior changes to cost \$30,000.
Jos. Austrian will build a three-sty flat building, 221-227 Sixty-fourth St., from plans by H. L. Ottenheimer, to cost \$15,000.

Cincinnati, O.—The contract for the annex to the City Reformatory has been given to M. Marcus at \$27,190.

Cleveland, O.—It is said that the Building Committee of the Chamber of Commerce will soon ask for bids for their new building.

Clinton, Mass.—It is said that contracts will be signed by P. A. Cannon and others early in April for a \$40,000 theatre and business building, to be four stories high and contain a store, a hall, and several offices.

Dallas, Tex.—A building for St. Paul Sanitarium will be erected at a cost of \$87,175.

De Land, Fla.—Buildings for the Stetson University, to cost about \$50,000, will be erected.

Denver, Col.—The heirs of Ferdinand Morell may build a \$30,000 business block on 17th Ave. and Broadway.

Dublin, Ga.—A hotel to cost \$20,000 will be built.

Evansville, Ill.—Fond & Pond have completed plans for a house for C. M. Howe, to cost \$10,000.

Fort Wayne, Ind.—The bids for the new court-house have all been rejected and new proposals will be asked for.

Germantown, Pa.—A four-sty fireproof construction building will be put up for the Roman Catholic Orphan Asylum; cost about \$60,000; arch., Jas. Flynn, 532 Walnut St., Philadelphia.

Greensburg, Pa.—It is thought the proposed new Court-house will cost about \$400,000. Bonds for this amount will be issued. Plans are under consideration.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Hackensack, N. J.—The town has voted to build a new High school-house to cost \$12,000.

Jackson, Tenn.—School buildings to cost \$25,000 will be erected by the city authorities.

Jersey City, N. J.—The Legislature has passed the bill empowering Jersey City to expend \$300,000 for new school buildings.
Herman Kreitzer, of New York City, is making plans for a brick and stone addition, costing \$100,000, to be made to the New Jersey Title Guarantee & Trust Co. Building, 83-85 Montgomery St.

Kansas City, Mo.—The Grand Avenue M. E. Society is raising funds for a \$100,000 church. Work will be begun when \$50,000 is secured.

Lansing, Mich.—Alderman F. L. Lodge is interested in a project for building a \$125,000 hotel near the City-hall.

Lewiston, Me.—The foundations of the brick hospital to be built by the Sisters of Our Lady of Lourdes will be put in this spring.

Lima, O.—It is said that Calvin S. Brice will build a \$10,000 house here.

Leech & Leech are making plans for the new depot.

Louisville, Ky.—The city will build a school-house to cost about \$20,000.

Medina, N. Y.—Bonds for \$20,000 for two new school-houses will be issued.

Melrose, Pa.—Hales & Ballinger, 1200 Chestnut St., Philadelphia, have prepared plans of 3 dwellings for Thos. Henry, Philadelphia, to cost about \$7,500 each.

Memphis, Tenn.—The Board of Education is considering the building of a new High school to cost \$40,000.

Milwaukee, Wis.—The E. Harrison Cawker estate will probably build a five to eight stories business block at Wells and Water Sts., at a possible cost of \$200,000.

Minneapolis, Minn.—H. N. Leighton Co. have the contract for rebuilding the stone building at 717-721 Nicollet Ave. To have entire new front of red pressed brick and stone, one-and-one-half-sty added to height and inside rebuilt; Long & Kees, architects; cost \$20,000.
Thos. F. Curtis & Co. will build 25 houses ranging from \$1,500 to \$5,000 in cost, near Hennepin Ave. and Lake St. Work has been begun on 2 of them.

Mt. Washington, Md.—A car shed, 80' x 300', will be built by the Falls Road Electric Company.

New Brighton, Pa.—An addition which will include a number of buildings of iron and brick, and fireproof construction, will be built by the Directors of the Beaver Falls Art Tile Co. Cost, with new and improved machinery, about \$100,000. President of Company, J. M. May; Secretary and Treasurer, F. W. Walker.
The Keystone Gas Engine Co. will build a plant.

New York, N. Y.—Barney & Chapman will be the architects of a sixteen-sty stone and steel office-building to be put up at 654 Broadway for the Rhineland Estate at a cost of \$400,000.
The Trustees of the Cathedral of St. John the Divine have decided to resume work on the edifice at once and complete the choir. This is expected to cost about \$1,000,000 and to be finished within two years. A Bishop's palace, to cost about \$100,000, is to be begun as soon as the plans have been approved at the next session of the diocesan convention.

Olympia, Wash.—The bill appropriating \$500,000 for completing the State House has passed the House.

Pittsburgh, Pa.—A school-house will be built in the 18th Ward from plans prepared by E. J. Carlisle & Co., Lewis Building.
W. Ross Proctor will be the architect of the new buildings for the Western Pennsylvania Hospital which will cost over \$500,000.

Plainfield, N. J.—It is desired to put up a separate

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

building for the use of the Babcock Scientific Library at a cost of \$14,000.

Raleigh, N. C.—A new edifice to cost about \$60,000 will be built for the Church of the Good Shepherd.

South Orange, N. J.—An addition will probably be built to the Columbia School-house at an estimated cost of \$25,000.

Spokane, Wash.—Cutter & Malmgren have made plans for a three-sty brick, 80' x 100', business block to be built for Clark & Sweeney at a cost of \$45,000.
The same architects have plans for a \$25,000 house for Austin Corbin, Jr., and for a \$20,000 house for John A. Finch.

Springfield, Mass.—J. J. Dwyer has made plans for the \$75,000 police-station which the Police Commissioners propose to build on the present site.

St. Albans, Vt.—The contract for the Custom-house and Post-office building has been given to Richardson & Burgess, of Washington, D. C., at \$43,712. Work is to begin this spring.

St. Louis, Mo.—Work on the Barnes Hospital, for which the late Robert A. Barnes left \$1,000,000, is to begin at once.
Isaac S. Taylor has made plans for a twenty-two-story office-building to be built by a stock company if the necessary capital is secured. It is to cost about \$400,000 and the exterior will be of white terra-cotta.

St. Paul, Minn.—J. W. Stevens reports that all bids on the Schutte Building were too high. The plans are to be revised and new estimates taken.

Watertown, Mass.—The Walker & Pratt Mfg. Co. will build at once a large stove foundry plant, one-sty brick and frame, to be ready September 10.

Waterville, Me.—The county commissioners will build a court-house to cost \$18,000.

Wilmington, Del.—Greenhill and Third Ave., a building will be put up for the Ford Morocco Co. at a cost of about \$40,000; con., P. Foley; arch., E. L. Rice.

Worcester, Mass.—Edward C. Thayer, of Keene, N. H., has offered to build a home for the nurses of the City Hospital, to cost not less than \$35,000, and give it to the city as a memorial to his sisters.

APARTMENT-HOUSES.

Boston, Mass.—Beacon St. and Brookline Ave., Ward 11, eight-sty brick aparts., 123' x 119' x 87' and 164' flat roof, steam; \$100,000; own., Arnold A. Rand, et als.; Trustees; arch., Winslow & Wetherell; not let.

Norway St., cor. Falmouth St., Ward 10, five-sty brick apart. and stores, 47' x 25' x 60', flat roof, steam; \$30,000; own., Jos. Green, 53 State St.; bld., James J. Galvin.

Centre St., cor. Greenough Ave., Ward 22, four-sty brick aparts., 98' x 106' x 32' x 22' 6", flat roof, steam; \$40,000; own., Alfred Bowditch, Trustee; bld., C. A. Dodge & Co., 166 Devonshire St.; arch., Arthur W. Rice.

Commonwealth Ave., nr. Harvard St., Ward 25, four-sty brick aparts., 50' x 106', flat roof, steam; \$60,000; own., Lipman Seldner, 26 Upton St.; bld., C. A. Milton, 7 Branch Ave.

West Broadway, Nos. 373-375, Ward 15, five-sty brick aparts. and stores, 27' x 89', flat roof, steam; \$18,000; own. and bld., M. T. & Wm. Glenn, 21 Gates St., South Boston; arch., John G. Layfield, 12 Pearl St.

Dudley St., cor. West Cottage St., Ward 16, four-sty brick aparts., 50' x 47' x 79', flat roof, steam; \$40,000; own., John O'Connor, Howard Ave.; arch., T. Edw. Sheehan, Tremont Building.

West Cottage St., cor. Dudley St., Ward 16, four-sty brick aparts., 26' x 47', flat roof, steam; \$9,000; own., John O'Connor; arch., T. Edw. Sheehan.

Washington St., cor. School St., Ward 22, four-sty brick aparts. and stores, 73' x 48' and 41' x 60' and 99', flat roof, steam; \$45,000; own., D. W. & F. S. Littlefield; arch., C. A. Russell, 46 1/2 Warren St.; not let.

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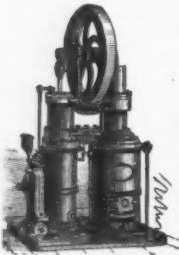
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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

St., nr. Bergen Ave., 6 five-sty brick flats, 25' x 70';
\$120,000; own. and bid., Albert Kothermol, 201 East
89th St.

Philadelphia, Pa. — Budd and Thirteenth Sts.,
eight-sty brick and brownstone apart., 61' x 88';
own., Dr. C. H. L. Littleton; con., Doyle & Doak,
133 South 15th St., are estimating; arch., Wilson
Bros. & Co., Drexel Building.

Pittsburgh, Pa. — Station St. and Frankstown Ave.,
office-building and apart.; own., Geo. W. Geyer;
arch., J. T. Steen, Jackson Building.

Somerville, Mass. — Vinal Ave. and Highland Ave.,
four-sty brick and frame aparts., 27 flats, 64' x 86';
flat roof, steam; \$50,000; own., H. W. P. Colson,
Union Sq.; arch., Jordan & Goss, Boston.

St. Louis, Mo. — Two-sty store and flats, n s Olive
St., bet. Compton St. and Leonard Ave.; \$6,000;
own., W. Stevenson.

Three two-sty flats, s s Vista St., bet. Compton
St. and Virginia Ave.; \$8,000; own., L. Faust.

Three two-sty flats, n s McPherson St., bet. Vande-
venter and Sarah Sts.; \$14,000; own., S. G. Searritt.

Winsted, Conn. — Three-sty brick stores and flats,
60' x 72'. comp. roof, steam; \$20,000; own., Geo. L.
Lilly, Waterbury; arch., Theo. B. Peck; not let.

CHURCHES.

St. Louis, Mo. — Church, s s Maple St., bet. Marry-
ville and Hamilton Sts.; \$11,900; own., West Pres-
byterian Church Congregation.

EDUCATIONAL.

New Haven, Conn. — Lombard St., three-sty eight-
room brick school-house, 40' x 63', slate roof, comb.
heat; \$35,000; own., City of New Haven, Walter J.
Connor, Chairman Building Committee; arch., L.
W. Robinson.

Wheeling, W. Va. — Brick school-house; \$15,000;
own., Board of Education; arch., Franzheim, Gle-
sey & Faris.

HOSPITALS.

Wallingford, Conn. — Two-and-one-half-sty brick
hospital, 30' x 55', slate roof, steam; \$15,000; own.,
Masonic Home Association, Judge L. D. Deming,
Chairman Building Committee; arch., Wm. H.
Allen, New Haven; not let.

HOTELS.

Winsted, Conn. — Four-sty brick hotel, 95' x 110',
comp. roof, steam; \$50,000; own., George L. Lilly,
Waterbury; con., John W. Gaffney & Co., Water-
bury; arch., Theo. B. Peck, Waterbury.

HOUSES.

Arlington, Mass. — Medford St., three-sty frame
dwelling, 51' x 70', flat roof, hot water; \$12,000; own.,
C. S. Jacobs; arch., C. H. Bartlett, 622 Massachu-
setts Ave.

Atlantic City, N. J. — New Hampshire and Arctic

BUILDING INTELLIGENCE.

(Houses Continued.)

Aves., four-sty frame dwelling; own., Geo. W. Loud-
enslager; con., Wm. Weeks.

Baltimore, Md. — Six two-sty brick dwellings, w s
Robinson bet. Foster and Canton Aves.; own., Geo.
C. Goldman, 1211 North Broadway.

Two-and-one-half-sty frame cottage, 32' x 36', n s
Forrest Ave., bet. Garrison and Cleveland Aves.;
own., B. F. Talley, 1149 Myrtle Ave.

Seven two-sty frame cottages, 14' x 30', Madison
St., bet. Old York Road and Republic St.; own.,
Jacob H. Aull, 2510 York Road.

Two-and-one-half-sty frame cottage, 30' x 32', n s
Walbrook Ave., bet. 11th and 12th Sts.; own., B.
Howard Sionaker, 1814 Druid Hill Ave.

Nine two-sty brick dwellings, w s 3d Ave., s of North
Ave.; own., Francis A. Westrich.

Two-sty frame store and dwelling, 18' x 56', n w
cor. Dellwood Ave. and Conduit St.; own., Albert
N. Blakeney, 230 Dellwood Ave.

Two-sty frame cottage, 32' x 40', n s Clifton Ave.,
bet. 10th and 11th Sts.; own., James A. Paige, 347
East 21st St., North.

Fifteen two-sty brick dwellings, w s Roland Ave.,
bet. 21 and 3d Aves.; own., Wm. E. Garrison, 924
Fourth Ave., North.

Boston, Mass. — East Second St., Nos. 829-833, Ward
14, 3 three-sty frame dwellings, 21' x 51', flat roof,
stoves; \$12,000; own., Jas. H. White, 150 K St.;
bid., J. A. Daunt.

Gladstone St., Ward 1, two-sty frame dwelling,
42' x 34', pitch roof, steam; \$5,000; own. and bid.,
Thos. D. Walsh, on premises.

Peaceable St., nr. Winship St., Ward 25, frame
dwelling, 24' x 45', pitch roof, furnace; \$4,500; own.,
M. Sheehan, on premises; bid., Calvin Lamont.

Walk Hill St., nr. Blue Hill Ave., Ward 24, two-
sty frame dwelling, 41' x 35', pitch roof, hot water;
\$6,500; own. and bid., J. B. Mulvey, 8 Marcella St.

Litchfield St., nr. Antwerp St., Ward 25, 4 two-sty
frame dwellings, 25' x 40', pitch roofs; \$12,000; own.
and bid., Seth W. Johnson, 209 Washington St.

Benson St., nr. Litchfield St., Ward 25, 2 two-sty
frame dwellings, pitch roofs, furnaces; \$6,000; own.
and bid., Seth W. Johnson.

Lonsdale St., nr. Dorchester Ave., Ward 24, two-
sty frame dwelling, 20' x 50', pitch roof, furnace; \$4-
500; own., M. Ross; bid., C. W. Allen, 75 Lonsdale
St.

Devon St., nr. Blue Hill Ave., Ward 20, two-sty
frame dwelling, 27' x 52', pitch roof, steam; \$5,000;
own., John McDevitt, Howard Ave.; bid., B. F.
Brown.

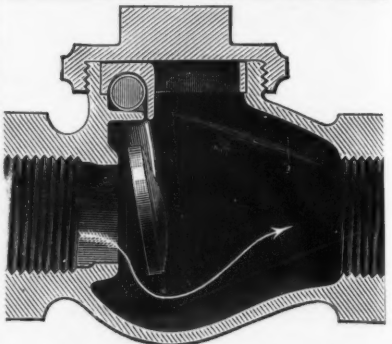
Dunreath St., nr. Warren St., Ward 21, two-sty
frame dwelling, 24' x 50', pitch roof, furnace; \$5,000;
own., A. N. Garland & Co., 231 Washington St.

Walnut Ave., cor. Park Lane, Ward 23, two-and-
one-half-sty frame dwelling, 44' x 22' x 45', pitch roof,
furnace; \$10,000; own., Theo. Hastings; bid., A.
Hathaway's Sons; arch., Dabney & Hayward.

Litchfield St., nr. Antwerp St., Ward 25, 4 two-sty
frame dwellings, 25' x 40', pitch roofs, furnaces; \$12-

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For Wash-Bowls, Sinks, Bath and Wash-Tub
West Cleveland, O.

BUILDING INTELLIGENCE.

(Houses Continued.)

000; own. and bid., Josiah Greene, 13 Pomeroy St.,
Brighton.

Antwerp St., nr. Ascot St., Ward 25, 4 two-sty
frame dwellings, 25' x 40', pitch roof, furnaces; \$12-
000; own. and bid., Seth W. Johnson, 209 Washing-
ton St.

Peter Parley St., nr. Washington Road, Ward 23,
2 two-sty frame dwellings, 30' x 36' and 28' x 42', pitch
roofs, furnaces; \$9,000; own. and bid., Willis Bros.,
66 Penfield St.

Antwerp St., nr. Dumas St., Ward 25, 4 two-sty
frame dwellings, 25' x 40', pitch roof, furnaces; \$12-
000; own. and bid., Josiah Greene, 13 Pomeroy St.,
Brighton.

Mark St., nr. Day St., Ward 22, 2 three-sty brick
dwellings, 20' x 45', flat roof, stoves; \$10,000; own. and
bid., Mark Lewis, 43 Irving St.

Stanton St., nr. Norfolk St., Ward 24, 2 two-sty
frame dwellings, 26' x 50', pitch roof, furnaces; \$9,000;
own. and bid., P. E. Cummings, Mattapan.

Webber St., Nos. 27-29, 2 three-sty brick dwellings,
20' x 45', flat roofs, stoves; \$10,000; own. and bid.,
E. F. Linnehan, 231 Washington St.

Oakridge St., nr. Morton St., Ward 24, two-sty
brick dwellings, 27' x 35', pitch roof, furnaces; \$5,000;
own., Chas. E. Morris, 35 Sanford St.; bid., S. Mor-
rie.

Columbus Ave., nr. Walpole St., Ward 19, 3 three-
sty brick dwellings, 23' x 42', flat roofs, stoves; \$15-
000; own., Patrick Brown, 3 Hammett Ave.; arch.,
S. Rantin & Son.

Kilton St., nr. Washington St., Ward 20, 4 three-
sty brick dwellings, 24' x 40', flat roofs, stoves; \$20-
000; own. and bid., Chas. F. Collins, 445 Washing-
ton St., Dorchester.

Bennett St., Ward 25, frame dwelling, 30' x 36', hot
water; \$4,500; own., Wm. Ready; bid., J. & W. H.
Muldoon; arch., Winslow & Wetherell.

Longfellow St., nr. Draper St., Ward 21, two-sty
frame dwelling, 26' x 46', pitch roof, furnace; \$4,500;
own. and bid., Carl D. Ashton, 85 Westville St.

Stratford and Chestnut Aves., two-sty frame
dwelling, 36' x 42', pitch roof, furnace; \$7,500; own.,
T. V. L. Johnson; arch., Ford & Mercer, 561 Main
St., Malden.

Falls of Schuykill, Pa. — Osborn St., n w s, nr.

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Each Closet is furnished complete as shown. No Flush-pipe is required, the outlet at bottom of Cistern connecting directly with the inlet of the Closet.

BUILDING INTELLIGENCE.

(Houses Continued.)

Ridge Ave., two-st'y brick dwell., 15' x 45'; own., Patrick Farley.

Jenkintown, Pa.—Three-st'y and basement frame and brick dwell., 30' x 40', shingle roof; cost about \$5,000; own., Geo. W. Orates; arch., Crawford Coates, 1107 Walnut St., Philadelphia.

New Canaan, Conn.—Two-and-one-half st'y frame dwell., 60' x 65', pitch roof, furnace; \$10,000; own., Lawrence D. Alexander, 50 Broadway, New York City; arch., Beers & Trafford, Millertown, N. Y.; day work.

Philadelphia, Pa.—*Seventh St.*, nr. Germantown Ave., 2 three-st'y brick dwells., 15' x 39' and 56' x 82'; own., Thos. Batley, 2228 North Broad St.

Fifty-seventh St., w s, n Commerce, s Arch and n Market Sts., 13 two-st'y brick and stone dwells., 15' and 16' x 48'; own. and bid., James Arthur, 14 South Broad St.

Commerce St., n and s s, e 54th St., 42 two-st'y brick and stone dwells., 15' x 39'; own. and bid., James Arthur, 14 South Broad St.

Filbert St., n and s s, w 57th St., 10 two-st'y brick and stone dwells., 15' x 39'; own. and bid., James Arthur, 10 South Broad St.

Market St., n s, e 58th St., 8 two-st'y brick and stone dwells., 16' x 50'; own. and bid., James Arthur, 14 South Broad St.

Fifty-seventh St., w s, n Market St., 3 two-st'y brick and stone dwells., 16' x 48'; own. and bid., James Arthur, 14 South Broad St.

Fifty-seventh St., w s, cor. Arch and Filbert Sts., 5 two-st'y brick and stone dwells., 16' x 48'; own. and bid., James Arthur, 14 South Broad St.

Allegheny Ave., n e cor. 13th St., 2 three-and-one-half st'y brick dwells., 42' x 60'; own. and bid., W. C. Carman, 1220 Allegheny Ave.

Flower Ave., bet. 50th and 51st Sts., 2 two-st'y brick dwells., 16' x 50'; con., Saml. P. Edge, 5104 Willow Ave.

Godfrey St., s w cor. 2d St., 2 three-st'y brick dwells., 15' x 45'; own., David Kanewsky, 249 Queen St.

Second St., bet. Godfrey St., three-st'y brick dwell., 16' x 45'; own., David Kanewsky, 249 Queen St.

Godfrey St., w 2d St., two-st'y brick dwell., 15' x 40'; own., David Kanewsky, 249 Queen St.

Thirty-two-and-one-half St., e s, n Cumberland St., 20 two-st'y brick dwells., 14' x 37'; con., Stevenson Bros., Cumberland St., s e cor. 32d St.

Thirty-two-and-one-half St., w s, n Cumberland St., 26 two-st'y brick dwells., 14' x 37'; con., Stevenson Bros., Cumberland St., s e cor. 32d St.

Park Ave., e and w s, s Dauphin St., 18 three-st'y brick dwells., 16' x 56'; own., W. H. Hipple, Columbia Ave. and Broad St.

Park Ave., s w and s e cor. Dauphin St., 2 three-st'y brick dwells., 18' x 56'; own., W. H. Hipple, Columbia Ave. and Broad St.

Knox St., n e s, s Sepvira St., 2 three-st'y brick dwells., 16' x 48'; own., Herman O. Kuehler, 4927 Knox St.

Clarion St., s Ritzer, 18 two-st'y brick dwells., 15'

BUILDING INTELLIGENCE.

(Houses Continued.)

x 35'; con., Timothy Gallagher, 1727 South 18th St.

Ritner St., s s, e 13th St., 8 two-st'y brick dwells., 15' x 48'; con., T. P. Smart, 1418 Castle Ave.

Oxford and Twenty-eighth Sts., large operation of two-st'y and basement Pompeian brick dwells.; own. and bid., Thos. P. Twibill; arch., H. I. Flowers, 1217 Filbert St.

Ritner St., n s, ab. 4th St., 26 two-st'y brick dwells., 15' x 65'; own. and bid., Wm. T. B. Roberts, Bourse; arch., E. Allen Wilson.

Fitzgerald St., ab. 4th St., 56 two-st'y brick dwells., with brownstone and Wyoming Valley blue-stone, 14' x 50'; own. and bid., Wm. T. B. Roberts, Philadelphia Bourse; arch., E. Allen Wilson.

Pittsburgh, Pa.—*Euclid and Penn Aves.*, three-st'y brick dwell.; cost about \$6,000; own., Chas. Donley; con., Chas. H. Chance, Bouquet and Wilmot Sts.

Roxborough, Pa.—*Ridge Ave.*, w Fleson St., three st'y brick dwell., 15' x 44'; con., Sylvester Yardley, 539 Jefferson St., West Roxborough.

St. Louis, Mo.—Four two-st'y dwell., w s Ohio St., bet. Osage and Keokuk Sts.; \$8,000; own., M. Mummert.

Two two-st'y dwells., s s Duncan St., bet. King's Highway and Euclid St.; \$8,000; own., P. Nagle.

Two two-st'y dwells., e s Nebraska St., bet. Geyer and Russell Sts.; \$9,000; own., Wm. C. Uhr.

Two-st'y dwell., w s Michigan St., bet. Cherokee and Utah Sts.; \$5,000; own., E. Klaska.

Two two-st'y dwells., w s Grand St., bet. Connecticut and Hartford Sts.; \$8,000; own., M. Moran.

Two-and-one-half st'y dwell., w s Grand St., bet. Fountain and Forest Park Boulevard; \$6,000; own., M. Johnson.

Four two-and-one-half st'y dwells., n s Kings-highway, bet. Odell St. and Reber Pl.; \$14,000; own., Wm. Bueltman.

MERCANTILE BUILDINGS.

Boston, Mass.—*Congress St.*, Nos. 278-280, Ward 7, seven-st'y brick block, 180' x 145' x 200', flat roof; steam; \$100,000; own., Boston Real Estate Trust; bid., C. Everett Clark & Co.; arch., Rand & Taylor, Kendall & Stevens.

Bridgeport, Conn.—*State St.*, six-st'y brick business block, flat roof, steam; \$20,000; own. and bid., Village Store Co., Bridgeport.

Buffalo, N. Y.—*South Division St.*, No. 151, three-st'y brick block; \$10,000; own., Burkhardt Bros.; arch., J. R. Kimball.

Ellicott and Carroll Sts., three-st'y brick block; \$11,000; own., C. Judson Wells; arch., Metzger & Greenfield.

Butte, Mont.—*East Park*, three-st'y brick building, 42' x 100'; \$20,000; own., A. J. Davis; arch., H. M. Patterson.

Enfield, N. H.—Three-st'y frame block, 55' x 70', comp. roof, steam; \$10,000; own., Carlton & Dunbar; arch., Fowler & Hough, 280 Broadway, New York City.

Omaha, Neb.—*Farnum St.*, Nos. 1420-26, four-st'y

BUILDING INTELLIGENCE.

(Mercantile Buildings Continued.)

brick block; \$100,000; own., not stated; arch., Walker & Kimball.

Portland, Ore.—Four-st'y brick business block, 100' x 100'; \$50,000; own., Henry Failing; bid., Stewart & Winslow.

Superior, Wis.—Three-st'y brick block, 50' x 100', flat roof, steam; \$30,000; own., Clarke Bros., Butte, Montana; bid., Chas. H. Johnson; arch., Barber & Barber.

STABLES.

Arlington, Mass.—Two-st'y brick and frame stable, 125' x 125', flat roof, 65 stalls; \$10,000; own., Arlington Finance Club; arch., Gay & Proctor, Boston; contract let.

Baltimore, Md.—Two-st'y brick stable, n s Morton Alley, bet. Maryland and Charles Aves.; own., Jas. E. Tippet, 1633 Edmondson Ave.

Boston, Mass.—*Gordon St.*, No. 6, two-st'y frame stable, 35' x 20', pitch roof; \$1,500; own., Wm. C. Jeckel, premises; arch., Geo. Zunner.

Cambridge, Mass.—*Regent St.*, two-st'y frame stable, 26' x 80', pitch roof; \$2,000; own., Fairbanks & Hawley; bid., W. H. Higgin, 19 Walden St.

Malden, Mass.—*Lincoln St.*, one-and-one-half st'y frame stable, 30' x 20', pitch roof; \$500; own., Wm. A. Holmes, 45 Lincoln St.; bid., R. C. Guptill, 36 Linden Ave.

Medford, Mass.—*Riverside Ave.*, two-st'y frame stable, 40' x 35', pitch roof; \$1,000; own., Joseph Hellen, 65 Riverside Ave.; bid., John E. Sweeney.

New York, N. Y.—*Eighty-fifth St.*, nr. Madison Ave., two-st'y brick and stone stable, 50' x 102'; own., A. Lamphear Norrie, 44 Pine St.

West Forty-seventh St., No. 410, brick stable; \$10,000; own., Jas. Buckley; arch., Jas. W. Cole, 403 West 51st St.

St. Louis, Mo.—Two-st'y stable, s s Lynch St., bet. Bismarck and Lyon Sts.; \$9,000; own., American Brewing Co.

One-st'y stable, s s Shenandoah St., bet. Lemp and 18th Sts.; \$5,000; own., Cramer Dry Plate Co.

STORES.

Brooklyn, N. Y.—*St. Nicholas Ave.*, n s, cor. Stanhope St., three-st'y brick store and dwell., 20' x 45', tin roof; \$5,000; own. and bid., Wm. Maske, 16 Palmetto St.; arch., W. B. Wells, 17 Troutman St.

New Utrecht Ave., s w cor. 39th St., three-st'y brick store and dwell., 28' x 27', tin roof; \$6,000; own., F. H. Winckler, 448 Eighth Ave.; arch., C. H. Truman, 242 Fifth Ave.

Utica Ave., n w cor. St. Marks Ave., three-st'y brick store and dwell., 20' x 50', gravel roof; \$6,000; own., M. E. Briggs, 324 Decatur St.; arch., E. Neuschler, 111 Ralph Ave.; bid., E. K. Robbins, 406 Madison St.

Chicago, Ill.—Bryan A. Baldwin, two-st'y store and flat, 146 N. Kedzie Ave.; \$5,000.

E. S. Pike, 5 one-st'y brick stores, 160-168 Forty-third St.; \$7,500.

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(Stores Continued.)

Louis Sala, three-st'y store and flats, 405 Union Ave.; \$7,000.
Wm. A. Purcell, 15 one-st'y brick stores, 801-823 Sixty-third St.; \$10,000.
F. Rantz, three-st'y brick store and warehouse, 19 S. Green St.; \$6,000.
Ben. Paizik, four-st'y brick stores and flats, 2518 Westworth Ave.; \$7,000.
Matson Hill, 6 one-st'y brick stores, 304-312 Forty-third St.; \$5,000.
C. H. McCormick, twelve-st'y brick store and warehouse, 174-184 Adams St.; \$200,000.
W. A. Wells, twelve-st'y brick stores, 351-357 South Clark St.; \$225,000.

Hartford, Conn. — Six-st'y and basement brick and stone store building, 65' x 130'; cost about \$125,000; own., E. G. Stedman, 7 Nassau St., New York City; arch., Buchman & Deisler, 11 East 59th St., New York City; not let.

New York, N. Y. — Hudson St., bet. Duane and Reale Sts., six-st'y brick and stone store and flats, 25' x 100'; \$20,000; own. and bld., Edward E. Ashley, 749 St. Nicholas Ave.
Fifth Ave., cor. 22d St., twelve-st'y brick and stone store and office-buildings, 29' x 120'; own., Henry Corn, 156 Fifth Ave.; arch., Robert May-nicke, 725 Broadway.

Broadway, No. 634, sixteen-st'y brick and stone store and office-building, 41' x 130'; own., Rhine-lauder Estate, 152 West 14th St.; arch., Barney & Chapman, 1286 Broadway.

TENEMENT-HOUSES.

Boston, Mass. — Spring St., No. 30, Ward 8, five-st'y brick tenement, 20' x 15' x 73', flat roof, stoves; \$20,000; own. and bld., Jos. Gateman, 23 Poplar St.; arch., W. E. Clarke.

Anderson St., No. 50, Ward 11, three-st'y brick tenement, 24' x 35' x 40', flat roof, stoves; \$10,000; own. and bld., David Milton; arch., Chas. A. Halstrom.

Middlesex St., No. 59, three-st'y brick tenement, 22' x 45', flat roof, stoves; \$6,000; own., Abram Bratkovsky; arch., Chas. A. Halstrom; not let.

Humburg St., three-st'y brick tenement, 20' x 45', flat roof, stoves; \$6,000; own., Abram Bratkovsky; arch., Chas. A. Halstrom, 7 Exchange Pl.; not let.

Bridgeport, Conn. — North Main St., two-st'y brick stores and tenements, 40' x 6'; flat; \$7,000; own., Thomas Best; bld., M. Laforge; arch., H. A. Howe.

Cannon St., two-st'y frame stores and tenements, 20' x 60', flat roof, steam; \$10,000; own., Greenwood & Arnold; arch., A. H. Boers.

Brookline, Mass. — Boylston St., nr. Cypress St., three-st'y six-tenement house, 32' x 70', flat roof, stoves; \$8,000; own., Michael O'Hearn, 298 Boylston St.; arch., Penn Varney, Lynn.

Cambridge, Mass. — Magnolia Ave., three-st'y six-tenement house, 38' x 60', flat roof, stoves; \$7,000; own. and bld., D. Bishop; arch., J. E. Close, 281 Green St.

THEATRES AND HALLS.

Owatonna, Minn. — Two-st'y brick opera-house, 66' x 132'; \$20,000; arch., Sidney Lovell, 355 Dear-born St., Chicago, Ill.

Providence, R. I. — Benefit St., one and three-st'y brick theatre, 76' x 100', comp. roof, steam; \$75,000; own., Henry A. Barker, Trust Co. Building; arch., W. H. Colwell, Swartz Building.

WAREHOUSES.

Chicago, Ill. — E. M. Fowler, seven-st'y brick warehouse, 61-64 Plymouth Pl.; \$35,000.

MISCELLANEOUS.

Binghamton, N. Y. — Chenango St., eight-st'y brick and terra-cotta Masonic building; own., Cyrus Strong; arch., Geo. Edward Harding & Goehs, 253 Broadway, New York City.

Chicago, Ill. — Swift & Co., 5 four-st'y brick smoke-houses, Exchange Ave., bet. Throop and Center Ave.; \$15,000.
E. Tosetti, one-st'y brick brewery, 4001-21 Butler St.; \$6,000.

Brand, Buller & Lund, brick grain elevator, 616-634 South Talman Ave.; \$25,000.

Everett, Mass. — Elm St., nr. Woodlawn Ave., one and one-half-st'y brick and stone gate lodge, 43' x 22', hip roof, \$20,000; own., Woodlawn Cemetery Corporation; bld., Fessenden & Libby, Charlestown; arch., Wm. Hart Taylor, Boston.

Neillsville, Wis. — Brick and stone county jail; \$15,000; bld., The J. C. Wagner Co., Milwaukee; arch., Stoltze & Schick, La Crosse.

BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

New Haven, Conn. — Blatchley Ave., one and one-half-st'y brick parish house, 60' x 60', steam; \$5,000; own., Grace Episcopal Church; bld., Bates & Townsend; arch., W. H. Allen.

New York, N. Y. — Van Nest, Westchester, three-st'y brick dormitory, 40' x 80'; \$22,000; also two-st'y brick chapel and gymnasium; \$20,000; own., Sacred Heart Academy; bld., Berlin Iron Bridge Co.

St. Louis, Mo. — Two-st'y carriage repository, e s Pendleton St., bet. Fairfax and West Belle Sts.; \$10,000; own., F. A. Smith.

Torrington, Conn. — Three-st'y stone parish house, 20' x 60'; \$7,000; own., Trinity Episcopal Church Society; arch., H. M. Congdon, 18 Broadway, New York City.

COMPETITIONS.

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for January 23, 1897. t.f.

PROPOSALS.

WATER-PIPE.

[At Boston, Mass.]
Proposals are wanted until March 30 for cast-iron water-pipes and special castings. Specifications, etc., at office of City Engineer, City-hall, as above. Address HENRY S. RUSSELL, Fire Commissioner, Bristol St., as above. 1109

PLUMBING.

[At Newton, Mass.]
Proposals are wanted until April 5, for plumbing in High School Building on Walnut St., Newtonville. Plans, etc., at office of Hartwell, Richardson & Driver, 62 Devonshire St., Boston. Address GEORGE H. ELDER, Superintendent of Public Buildings, West Newton. 1110

PRISON, POLICE BARRACKS, ETC.

[At Cairo, Egypt.]

EGYPTIAN GOVERNMENT.

MINISTRY OF PUBLIC WORKS.

ADJUDICATION FOR THE CONSTRUCTION OF TWO BUILDINGS FOR THE NATIVE TRIBUNALS, THE PRISON AND THE POLICE BARRACKS ON THE SITE OF THE OLD MANSOUR PACHA'S PALACE IN CAIRO.

Tenders will be received at the offices of the "Service Administratif" Ministry of Public Works, Cairo, up to 12 noon, on the 3d of May next, for the construction of the above buildings.

Persons wishing to tender for this work can consult the specifications and the conditions of the adjudication on all days, except Fridays and general holidays, from 8 A. M. to 1 P. M., at the offices of the "Service Administratif."

Tenders received at the Ministry later than the date mentioned above, as well as those that are not in conformity with the form prescribed by the specifications, will be rejected.

Each tender must be accompanied by a provisional security deposit of L. E. 500, which will be kept in the Egyptian Government Treasury until a decision has been arrived at with regard to the adjudication. These deposits will then be returned to the persons whose tenders are not accepted, while the party to whom the work is awarded, will on the signature of the contract, increase the above deposit up to the amount of the permanent deposit fixed by the specifications.

The provisional deposit shall be paid either in cash or in Egyptian bonds calculated at 10% below their current price. No interest will be paid on cash deposits, but the depositing party has a right to the coupons due, when the deposit is in Egyptian Bonds.

The Ministry of Public Works reserves to itself the right of not accepting any tender whatever and can accept any tender, though it may not be the lowest made. 1112

The sterling pound is worth L. E. O. 975, and the French piece of 20 francs L. E. O. 770.

DORMITORY.

[At Atlanta, Ga.]
Proposals are wanted until April 1, for brick dormitory for the Technological School. Address GEORGE WINSHIP, Chairman Executive Committee, as above. 1109

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PROPOSALS.

CHAPEL.

[At Slippery Rock, Pa.]
Proposals are wanted until April 2, for Chapel at State Normal School. Address C. N. BORD, Secretary, as above. 1109

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 10, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 6th day of April, 1897, and opened immediately thereafter, for a low-temperature hot-water heating and ventilating apparatus, for the United States Post-office building at Meridian, Mississippi, in accordance with drawings and specification, copies of which may be had at this office and the office of the Superintendent, Meridian, Miss. Each bid must be accompanied by a certified check for a sum not less than 2% of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. WM. MARTIN AIKEN, Supervising Architect. 1109

HOSPITAL BUILDINGS.

[At Sandusky, O.]
Proposals are wanted until March 31, for surgeon's house and one ward, including corridor connections of new hospital at Ohio Soldiers' and Sailors' Home, H. C. Lindsay, Architect, Zanesville, O. Address BOARD OF TRUSTEES, at said Home, Sandusky. 1109

SCHOOL-HOUSE.

[At Burlington, Ia.]
Proposals are wanted until April 5, for school-house. Address W. W. BALDWIN, President Board of Education, as above. 1109

SUBWAY SECTION.

[At Boston, Mass.]
Proposals are wanted until March 31, for building section 83, two-track subway, in Cornhill from Adams Sq., to near Court St. Address BOSTON TRANSIT COMMISSION, 20 Beacon St., as above. 1109

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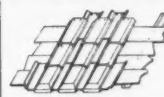
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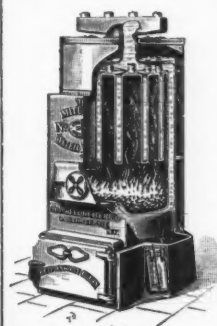
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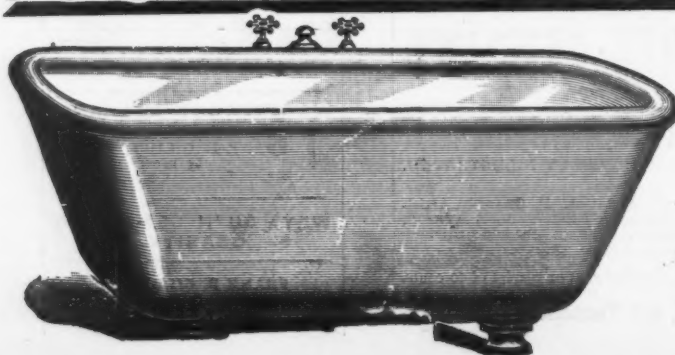
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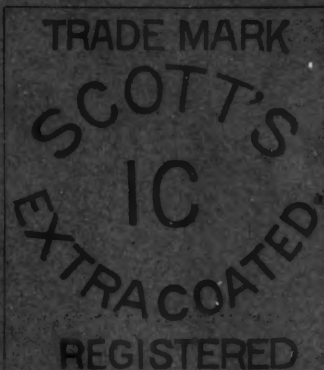
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