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### COMMUNICATION:—

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THE matter of the Harrisburg competition has excited a great deal of public indignation, and we hope that the popular feeling in favor of public good faith may take the form of support to the competing architects, who are the only material sufferers, in their demand for compensation for the injury inflicted on them. It would hardly be possible to draw up terms of competition more explicit than those to which the names of the members of the Capitol Commission were signed; and supposing them not to have exceeded their authority in proposing such terms to architects, the Commonwealth of Pennsylvania is absolutely bound by them. Among the stipulations so proposed is one which says that the Board of Experts shall select eight of the competing designs, which shall be laid before the Capitol Commission, and from these eight the Commission shall select one, the author of which shall be designated and appointed as Architect of the Legislative Building, under terms subsequently set forth. The programme specifies the sizes of rooms, and the rooms required, demanding also that "All buildings should be amply provided with public thoroughfares, stairs, elevators, etc.," describes the method in which the probable cost shall be estimated from the competitive drawings, defines the limit of cost for the Legislative Building, which, it must be remembered, forms only a portion of the designs; and stipulates that "the architect so appointed shall, at his own cost, make such revision and alteration of the working-drawings and specifications of said building as may be necessary to ensure its proper construction and completion within the limit of cost established by the act authorizing the erection of said building." In their examination of the competitive designs, the experts found, it is said, that the Legislative Building in all those selected as the most meritorious would, if estimated according to the directions in the programme, cost more than the five hundred and fifty thousand dollars prescribed by the statute; but the excess was not very large, and they believed that, taking advantage of the clause requiring the successful architect to modify his working-drawings and specifications, without charge, if necessary to bring the cost of execution within the established limit, any of them could be completed within the cost allowed by the statute; and that no violation of the intention of the statute, or of the programme, was involved in offering them to the Commission for its selection.

IT is hard to see in what way this position of the Board of Experts can be assailed. The programme required them, in making their award, to "hold the design with its accompanying description, to define the professional and artistic capacity of its author for dealing with this especial problem, as such problem may be considered from all points-of-view, including that of cost," and it expressly provides that the author of the design chosen should be not only allowed, but required, in making his detailed working-drawings and specifications, to alter and revise them in such a way as to bring the cost within the specified limit; so that their award, which included the

opinion that the Legislative Building in the selected design could, with such alteration and revision as the programme provided for, be carried out within the limit of cost, fulfilled the requirements of the programme, as any reasonable man must say, to the very letter; and the only breach of the contract between the State and the architects that any one is guilty of has been committed by the Commission itself, which, instead of selecting one of the eight designs recommended by the Board of Experts, rejected them all. The language of the notice sent to competing architects by the Secretary of the Commission, informing them of the action of the Commission, is curiously apologetic and evasive. The competitors are informed that, "by reason of an unintentional error of the Board of Experts, certain designs were improperly excluded from the competition"; this referring, evidently, to the case of two designs, one rendered in three colors, and the other ornamented with two trees, which were submitted in defiance of the stipulations of the programme, that "Drawings must be rendered in monotone, without the admixture of other color," and that "All drawings are to be rendered without accessories of any kind," supplemented in a later circular by the explanation that "Neither trees, foliage nor their shadows are permitted to be shown in any of the drawings," and were, with obvious propriety, excluded by the experts from consideration. The Secretary's notice goes on to say that "certain other designs were not examined and judged in accordance with the mandatory provisions of the programme limiting cost," and explains that, "in the opinion of the Board of Experts, none of the designs submitted can be constructed within the limits of the appropriation without modification or the use of materials not in keeping with the dignity of the State," adding that, "if this be so, none of said designs have been prepared in accordance with the mandatory provisions of the programme limiting cost." In consequence of these considerations, the Commission "cancelled and annulled all the provisions of the competitive Programme," and ordered a new competition, designs for which should be submitted by noon of September 27th, and should be judged by the Commissioners alone, "expressly reserving to themselves, after examination and conference with their Architectural Adviser, the right to reject any and all plans so submitted, and also the right to fix the compensation to be allowed to any of the architects for such plans."

WE need not predict, to experienced architects, the outcome of this later competition, but there is a certain satisfaction to those who took part in good faith in the earlier one, and who wish to be paid for the work that they were misled into doing, in the fact that the letter of the Commission, by its admissions, fortifies their case admirably. The Commission claims that it has "cancelled and annulled" the programme, that is, the contract between the State and the competing architects, because of "an unintentional error" of the Board of Experts, and because, further, none of the designs submitted can, in the opinion of the experts, "be constructed within the limits of the appropriation without modification, or the use of materials not in keeping with the dignity of the State." In regard to the first pretext, it is sufficient to say that neither the programme nor the statute, nor any other document or regulation known to the competitors, confers on the Commissioners any power whatever of reviewing the action of the Board of Experts. On the contrary, the programme expressly and without reservation declares that one of the designs recommended by the experts shall be selected by the Commission, and its author appointed architect of the Legislative Building. It is obvious that the whole tenor of the programme implies that the Commission has confidence in its experts, and promises to stand by their decision. Even in case of misconduct on the experts' part, the Commissioners, under this programme, cannot set aside their decision, upon matters expressly committed to them, except by command of the courts. The second pretext for annulling the contract is even more insufficient. The letter says that, "In the opinion of the Board of Experts, none of the designs submitted can be constructed within the limits of the appropriation without modification, or the use of materials not in keeping with the dignity of the State." As to the first part of this, the programme expressly provides for the modification of any design so as to bring the cost of carrying it out within the appropriation, and

the second part practically concedes this, by raising a new issue, and claiming that, if the designs recommended by the experts were reduced in cost to the specified limit, materials would have to be used which would not be "in keeping with the dignity of the State." We might observe that it would be hard to find any building-material the use of which would damage the dignity of the State so much as such flagrant violations of faith on the part of a State Commission; but apart from this, it would be interesting to learn in what part of the programme, that is the contract with architects, anything was said about a condition that "dignified" materials should be used. The State of Pennsylvania, by specifying the sum that it was willing to spend on its building, fixed for itself the dignity of the materials to be used, and, so long as the structure fulfilled the conditions of dimensions and fireproof quality demanded by the programme, the question of dignity of material could not affect the decision, except so far as it might be considered, as an element in the design, by the experts, and by them only. It will be observed that the letter attributes to the Board of Experts the idea that there would be a lack of "dignity" in the materials that must be used to keep the cost of executing the designs within the appropriation; but it is hardly necessary to say that this is a gloss added to their opinion by the Commission, apparently to give a feebly sentimental air of justification to their breach of faith. It is gratifying to know that Governor Hastings, as a minority member of the Commission, denounced in the strongest terms the action of his associates. After declaring that the Commission had "turned its back upon its word of honor," and had "broken its promises to all competitors" he left the room in disgust. It is gratifying to observe that the comments of the better newspapers indicate that the architects who have been the victims of this performance will have no great difficulty in obtaining satisfaction, which should take the form of full compensation for the labor which they have wasted on the competition.

*LA SEMAINE DES CONSTRUCTEURS* gives an interesting account of the life of Charles Garnier, probably the most noted architect in Europe to-day. Every architect knows that Garnier's first great professional distinction dated from his winning of the first place in the competition for the Paris Opera-house; and it is a common notion that he was before this almost an unknown man; but, although this was the first of his great works, he had long enjoyed a high reputation as a man of talent and learning. He received the first part of his artistic education in the Government School of Drawing, now the School of Decorative Art. He took the courses in sculpture and bas-relief, distinguishing himself also in mathematics, as has been the case with nearly every great architect. Whether his practice in modelling influenced his architectural work is a question which critics would probably answer in the affirmative, and, to students and teachers of architecture, the fact that a man trained in the representative art of sculpture showed, later, exceptional vigor and originality in the abstract art of architecture, is certainly significant. Although he devoted himself to work so purely artistic, he had constantly in mind the idea of architecture as a career, and, in 1842, he entered the School of Fine-Arts as a pupil of Leveil and Lebas. Four years later, he was received as a competitor for the Grand Prize, which he finally carried off in 1848, with great distinction. His work at Rome was extremely creditable, and, after his term at the Villa Medici was over, he spent an additional year in Italy and Greece, sending to Paris a restoration, in polychrome of the temple of Jupiter Panhellenius, at Egina, which attracted great attention, and was exhibited at the Salon of 1853, and at the Paris Exposition of 1855. This work made him known to archaeologists and dilettanti, as well as to architects, and the Duc de Luynes employed him to study the tombs of the dukes of Anjou who reigned in the Middle Ages over little kingdoms in Southern Italy. In the fulfilment of this duty, he spent ten months in Sicily, Calabria and Apulia, and, on his return to Paris, in 1854, he devoted a part of his time for three years more to putting his notes into shape for publication. Unfortunately, the work which they were to illustrate has never been published, M. Garnier's drawings being still in possession of the family of the Duc de Luynes. For some years longer the young architect pursued a life of modest industry. He held a position under the Government, as sub-inspector of the works on the restoration of the tower of St. Jacques, and designed small houses in the suburbs of Paris for clients of moderate means,

besides carrying out some funeral monuments, among them being a tomb for his friend and patron, the Duc de Luynes. He continued, however, to gain professional honors, exhibiting frequently at the Salon, where he received a medal in 1857. In 1860 his opportunity came. The Government opened a competition for designs for the new Opera-house which it had been decided to build. Only one month was allowed for the preparation of designs, but one hundred and seventeen plans, shown in more than seven hundred drawings, were submitted to the jury, which consisted of members of the Institute of France, with the high officials of the Government. Every one knows the result,—how the bold and novel, yet rational plan, and the brilliant exterior, of Garnier's design won the great prize, and how his years of labor on the building, for which he made thousands of drawings with his own hand, brought him the highest renown that any architect of his time had ever gained.

*LE GÉNIE CIVIL* gives a very interesting account of the Andrée expedition, with photographs of Virgo Bay, from which the expedition started, of the balloon in process of inflation, of the inflating apparatus, and the balloon itself at the moment of its departure. It will be remembered that the balloon was filled with pure hydrogen. Inflation began June 19, and continued three days. Tests were then made of the impermeability of the covering, and a final coat of varnish was applied. On the first of July the balloon, to which M. Andrée gave the name of "Orren" (the eagle), was ready for departure, but the wind was unfavorable, and it was not until the eleventh that, after a northeasterly storm, accompanied by a heavy fall of snow, a breeze sprang up from the south, and M. Andrée resolved to start on his voyage. The upper part of the shed enclosing the balloon was then removed, the three brave explorers, MM. Andrée, Fränkel and Strindberg, climbed into the car, the word was given to let go the ropes, and the balloon started toward the North Pole, at the rate of thirty miles an hour. At this speed, only twenty-eight hours would be required to reach the Pole, and, as the wind at Virgo Bay continued for two days to blow from the south, it is to be presumed that this part of the journey was made with comparative ease, although there is reason to suppose that the winds nearer the Pole would blow more from the southeast, and might possibly take the balloon far out of its course. The car of the balloon, as finally fitted up, consisted of two stories. The lower of these contained a bed, so that each man could sleep in turn, while the others watched. The upper story contained the scientific instruments, and was surmounted by a platform for observation. The store of provisions, weighing about seventeen hundred pounds, was attached to the cords of the netting, above the car, evidently with the idea that if, in case of a leak in the balloon, it should be necessary for the aeronauts to climb into the netting, and cut away the car, they would still have food within reach. About twelve hundred pounds of sand ballast was also taken; and three guide-ropes, weighing, in all, a thousand pounds, furnished additional ballast, as well as a means for varying the course of the balloon, while eight cables, hanging around the edge of the car, each some two hundred feet long, were depended upon to soften the shock of a sudden descent, as well as to serve for anchorage or other purposes. Two small sledges, and a canoe, completed the equipment. M. Andrée took with him thirty-two pigeons, each of which had several of its feathers stamped "Andrée" "Aftonbladet, Stockholm." Trials with the pigeons, made before starting, indicated that it would be difficult to persuade them to leave the balloon, and M. Andrée therefore took with him twelve small cork buoys, shaped like a fisherman's float, and weighted at the bottom with lead. Each float carried a little Swedish flag, and contained a hollow space, which could be closed, watertight, by a cork. These floats were destined to receive dispatches, and to be thrown over from the balloon at intervals; while a thirteenth float, larger than the others, was reserved, to be thrown out only on the arrival of the balloon at or near the Pole. In order to cook their provisions without danger of setting fire to the gas in the balloon, a spirit-lamp was arranged so that it could be let down some thirty feet below the car, and, by pulling a string, a match, previously placed near the wick of the lamp, could be lighted, lighting also the lamp. By means of silver saucepans, fitting into the cylinder enclosing the lamp, the necessary cooking could be done, and the lamp could be extinguished, without raising it to the car, by blowing through a flexible tube, extending from it to the car.



COMPETITIONS.<sup>1</sup>—II.

## THE PROMOTERS.—I.

"A COMPETITION," says the "General Code" prepared by the Joint Committee on Competitions, composed of representatives of the Architectural League of New York, the National Sculpture Society and the National Society of Mural Painters (unpublished),<sup>2</sup> "is the process by which, on the basis of merit, from two or more designs proposed one is selected." An incomplete and unacted-on Report on Competitions, prepared by a committee of the National Sculpture Society, defines the word in a slightly different way: "Whenever more than one sculptor has been asked to submit designs for a single work it shall be regarded as a Competition." The Illinois Chapter of the American Institute of Architects has adopted a much more cumbersome definition in its code. "The word 'competition' as used in this code," it states, "shall be understood as comprising all cases where more than one architect is engaged in preparing designs for the same building at the same time. If an owner, while dealing with an architect, shall receive designs from any other architect before he has definitely concluded his dealings with the first architect, and has returned to him all drawings, it shall be considered a competition and come under the provisions of this code. If an owner having discharged his obligations to an architect as above mentioned, and, having received designs from another architect, shall return to any architect formerly employed on the same work, and receive designs from him, whether such designs be used or not, then it shall be considered a competition, and all architects from whom the owner has received designs shall be entitled to payment according to the schedule prescribed by this code. Provided that if a year shall elapse since the employment of an architect, the owner may proceed as if it were new work." All of which goes to show that a good many very strange things are done in the profession of architecture.

The promoters of a competition should be very clear in their own minds why they institute a competition. For a large public building it is difficult without a competition to secure an architect in a way satisfactory to the number of architects who may assume they all stand on the same ground. But the competition must be entered upon in a fair way and with strict impartiality. The very first step is to remove it out of politics, and as a preliminary to this end an expert adviser should be secured at the outset, to prepare the programme, to act as the adviser of the promoters and to serve as a means of communication between the competing architects on the one hand and the promoters or the other.

But the mere engagement of an adviser is only a preliminary. Before and behind that the promoters must be fully alive to their own position; they must have full confidence in their adviser; they must be wholly familiar with the programme or invitation issued by their adviser for them; they must be prepared to carry out every provision in their invitation to competing architects as set forth in the programme. The building, though used for political purposes perhaps, must be taken out of politics at the outset, and kept out until the conclusion of the competition, and then thereafter forever, if it is to be built in a satisfactory and lasting way. Pulls must be ignored, personal preferences sunk, the claims of local men forgotten. It is a gross piece of dishonesty to invite several architects, or any number of architects, to devote much valuable time to the study of a difficult problem, or to ask them to go to the great expense which almost invariably attends the preparation of competition drawings, if at any time during the progress of a competition special influences are permitted to operate to bring about the selection of a particular architect. The promoters, in such a case, become parties to a deliberate fraud, not the less flagrant and unjust because, in many cases, there may be no due punishment to be meted out to them. A full understanding of several vital points will materially assist the promoters in carrying out a successful competition.

1. *The quality of the competitors.*—No competition should be instituted unless it is proposed, from the beginning, to carry out to the letter the statements of the invitation or programme. If it is a limited competition, in which a small number of invited architects are competing, no architect should be included unless the promoters are prepared to be completely satisfied to commit the work to any one of them. A may, indeed, be a better architect, in their judgment, than B, but B should not be asked to compete unless they are fully satisfied as regards his ability and are prepared to accept him as their architect if, in a trial with his fellows, he should be found to have prepared the best design, using the word design in its largest sense as referring to the whole problem studied. In such a competition architects must be chosen for their ability; not for their personal social qualities, pulls, influence or other qualifications that have no artistic or architectural significance.

And the same is true of general or open competitions, where every one that chooses may send in designs. The risk here of obtaining an architect that may not be personally agreeable to the promoters or otherwise not wholly desirable is sometimes considerable; but this risk is one of the attendant elements of a competition; it is one of its possible results. And if the possibility of it should appear too great, it will be the better course to have no

competition at all, rather than run the risk of reaching an unfair and dishonest end.

2. *The qualifications of the competitors.*—In a limited competition, it is apparent that all the competitors should be relatively of the same professional standing. Success in architecture is so closely associated with a large practice that it is frequently supposed that the busiest architects are the most able and the best qualified to undertake the solution of any problem. This is not always the truth. The busiest architects have the least time to devote to the study of a given problem. They have the mechanical facilities to turn out the most finished drawings; they are the most likely to produce clever generalities, and are perhaps always able to carry out any work entrusted to them in an effective and satisfactory manner. But mere abundance of practice does not mean consummate architectural ability, nor does it follow that the busiest men will produce the best set of plans.

Ability is of greater importance in selecting an architect than extended practice; and no architect should be invited to compete unless he has given ample evidence of ability in such work as has fallen to him. Hence, in a limited competition, a very earnest effort must be made to secure men of equal average ability. Local men should not be included simply because they are on the spot; certain others should not be included because of their charming personal qualifications, or because of their special connections, their family relations, their social standing or other extraneous qualifications, which are not architectural qualifications at all: professional ability must be the sole test.

In an open competition there is nothing to guide the promoters as to their final choice. Men possessed of all sorts of ability will rush into a competition, basing their hopes of success on the absence of the more able men, or in thinking to present something unusually clever that will surpass in ingenuity anything achieved by their fellow competitors. It is usual, therefore, to provide a safeguard against the selection of an untrained man, in the provision that the right shall be retained to provide an associate architect if it be deemed best to do so. On this point the rules governing competitions prepared by the architectural societies speak with no uncertain voice.

The Boston Society of Architects says, "If, on the disclosure of the names, the successful competitor should prove to have had slight experience in building, the right may be reserved to associate with him a consulting architect, to whom a proper proportion of the fees shall be assigned."

The Rhode Island Chapter of the American Institute of Architects says, "In case he [the winner] should be young, inexperienced, or otherwise unsatisfactory, and the employer should deem it unwise to entrust an important piece of work to him for these reasons, he shall be required to associate with himself an architect of recognized standing, as consulting architect, who shall be satisfactory to the employer, and the full commission shall be divided between the two, as they may agree."

The Society of Beaux-Arts Architects [preliminary report] says the party instituting the competition shall have the privilege "of having a consulting architect without additional charge to them," a provision that does not appear in the final code.

This privilege or right should, however, be invariably stated in the programme, and made one of the definite conditions, or otherwise be waived.

The promoters, therefore, must enter upon the competition with their eyes wide open, and be fully aware of the risks they run in the selection of an architect, if, indeed, such possibilities are risks.

3. *The limitations of competitors.*—In a limited or close competition the promoters have the privilege, of course, of restricting the competition to such architects of approved ability as they may desire, or as their adviser may advise them to employ. In an open competition the risk of obtaining an inexperienced man may be measurably reduced by limiting the competition to architects of some years of actual individual professional practice, say three, five or ten years. This position has not, I believe, been taken in any competition, but it has so many advantages that it must speedily become part of the accepted codes of rules governing competitions. The offices of our architects are crowded with young men, each of whom is fully alive to his own ability and power. A general competition opens the way for them at once to demonstrate their ability to the world at large and to their employers in particular. Employers of draughtsmen are therefore not only placed in competition with one another, but with draughtsmen of other employers and perhaps with their own. The record of successes achieved by young men in this way is very small; but it does not dim the candle of hope that burns in the youthful breast, but rather spurs them on to further attempts and untold expenses, with bitter disappointment in the end. So pronounced has this evil become, so swift are young and inexperienced architects to take advantage of every opportunity offered by competitions, that, combined with the unfair endings of many recent competitions, the uncertainty and the dissatisfaction, the more experienced men are refraining from entering competitions at all. If the end and aim of a competition is the securing of an architect, as it unquestionably is, its object will not be accomplished by forcing architects into competition with draughtsmen. A very serious abuse can be remedied by limiting competitions among architects to architects.

That the necessity for some action in this respect is already felt in non-architectural circles (of all places in the world!) is apparent

<sup>1</sup> Continued from No. 1132, page 83.

<sup>2</sup> At the present writing this report has as yet only been presented to the Architectural League, by which it was accepted as a whole, though some modifications were referred back to the Joint Committee for consideration at a later time.

from some recent programmes. The programme for the new State capitol at Harrisburg invites "all American architects of good professional standing to submit drawings," thus shutting out, and very wisely, young and inexperienced men, real-estate speculators and builders and other people unauthorized to wear the title of architect.

In the preliminary competition for the New York Public Library the invitation was extended to "All architects having offices or fixed places of business within the limits of the Greater New York." And thereupon an inquirer asked, "What is considered as constituting an architect in the library competition? Are all architectural draughtsmen to be excluded, if they have no office of their own? If a draughtsman resides in Greater New York and does his work at his residence, is there any danger of his plans being rejected?" The reply came prompt and to the point: "The instructions issued by the Trustees provide that the plans must be unsigned and without device or motto, and that the envelopes containing the names of the authors are not to be opened until after the jury have made their award. The Trustees will not reject any plan which the jury approve, merely upon the ground that its author is not technically a practising architect, or has not a regular office other than his residence. It may be pointed out, however, that, in choosing from the authors of the twelve sketches selected by the jury a certain number of successful competitors to take part in the second competition, the Trustees will give the fullest weight to professional training and experience." All of which unquestionably meant that the draughtsman had no chance of success, and if the Trustees did not want that valuable personage to build their library for them, why quarrel with them on that account?

This point really brings up the question of the eligibility of competitors: who shall compete, and how? The code governing competitions prepared by the Committee of the National Sculpture Society (as yet unacted on) limits competitions to sculptors, thus shutting out quarrymen, foundries and other mercantile concerns. The architectural societies have not yet touched on this subject, though the Code of Ethics of the St. Louis Chapter of the Institute states that "No member shall submit drawings except as an original contributor in any duly instituted competition or to receive work for which a competition remains undecided." The same provision has been inserted in the Code of Ethics of the Boston Society of Architects, which further provides that "It is unprofessional to enter into competition with or consult with an architect who has been dishonorably discharged from the 'Institute' or 'Society.'"

The literature that has grown up around competitions, the codes and the programmes have for their final end the selection of an artist. Both, indeed, include other matters, chiefly those concerned with providing safeguards for an honest and fair competition; and these will presently be examined in detail. Meanwhile it may be not without value to glance briefly at the conditions proposed by the United States Civil Service Commission for the selection of a Supervising Architect of the Treasury. The bearing of these rules on the question of competitions is simply that they have been prepared in order to effect the selection of an artist; the competition as a competition is a very different affair from an ordinary architectural competition, but the lessons to be derived from it are not the less useful on that account.

The details of the competition appear to have been drawn with considerable care. Competitors are required to furnish a written statement relative to their training, education and technical experience; drawings or sketch-plans, specifications and photographs, or other illustrations of buildings designed by the competitors as architects or constructed under their supervision, and other information relative to these structures, must be submitted; a thesis must be prepared relative to designing and construction, and another on office administration; finally, a special examination will be held in which the competitors must formulate a scheme for competitions for a public building and criticise designs submitted for that purpose. It is proposed that the "examination papers will be rated under the direction of the Commission by a board of distinguished architects."

It is important to note the fundamental requirements. As the competition is for an architect without reference to a special design, candidates are not called upon to prepare special drawings. It is the record that is looked into, and when the award is made it will be found, no doubt, that it is the record by which judgment has been reached. In other words, ability or means to prepare a clever set of drawings will be without influence in this case: it is what a man has done and how he does it that will be of value to him. In a time like the present, when every young man is a very great architect indeed, when the genius of the profession is limited to the tenderest members—if we take their own valuation of their splendid equipments—when the office-boys and draughtsmen are competing with respectable and long-established architects, when, in fact, a competition for a great public building is arranged in a new manner for the special benefit of the younger members of the profession—the competition for the New York Public Library—it is refreshing to note the requirements of a competition in which only ability and work done will be considered. Both the friends and the opponents of competition may find in these rules of the Civil Service Commission, however much they may be criticised in detail, material for suggestive thought,—material, indeed, that might well be incorporated with many competition codes, and made the basis of many a competition.

At the very beginning, the promoters should inform themselves as

to the conditions existing among architects in regard to competitions. This having been done and the adviser selected, the promoters must retire from the active field and leave the conduct of affairs to their chosen expert. He has been selected for his professional and technical qualifications; there must be confidence in his judgment; he must be possessed of thorough ability to carry out the important trust committed to him; his business is to help the promoters, and, having been engaged, he must have the exclusive privilege of carrying out his trust.

The report of the adviser, or the jury of award, if one is had other than the adviser's, is submitted to the promoters for final action and judgment. The adviser can advise only—his duties will be considered presently; meanwhile it may be well to point out that while the tendency in England is to recommend the selection of the architect whose design is placed first, in America the adviser or jury, as a rule, is not expected to do more than indicate the order of excellence in which the premiated designs should be regarded, leaving the final award wholly to the promoters. The Society of Beaux-Arts Architects recommends that "the author of the design selected by the expert adviser or jury shall be appointed the architect of the work," and such a position appears to be logical and just. But the adviser is not always willing to assume so great a responsibility as awarding the commission, and promoters, as a rule, are disposed to insist on their right to make the actual award.

And on the whole, it does not seem possible to withdraw this right from the promoters. They are the ones most intimately interested in the competition; their money is to pay for the work; it is they who will come in daily and perhaps hourly contact with the architect. They desire advice from the adviser, not mandatory directions as to how they shall act.

BARR FERREK.

(To be continued.)

#### THE BRUSSELS INTERNATIONAL CONGRESS OF ARCHITECTS.

THE Fourth International Congress of Architects, organized by the Société Centrale d'Architecture de Belge, and held under the patronage of H. M. Leopold II, King of the Belgians, took place in Brussels from August 28th to September 2d inclusive.

The object of the Congress, as usual, was the discussion of subjects of interest to architects—personal intercourse between architects of different nationalities—a better understanding of the practice of architecture in various countries, and the means of awakening the public to a better appreciation of architecture.

It had the further object of presenting to its members and the public a retrospective exhibition of architecture.

The duration was short, but five days; the programme, nevertheless, was full and complete. The mornings were devoted to discussions, the afternoons to sight-seeing and the evenings to entertainments.

Great credit is due to the Société Centrale d'Architecture for the admirable manner in which the Congress was organized, the cordial reception and careful consideration shown for the comfort and pleasures of the members of the Congress, and to M. Dumortier for his strong and efficient management during the entire session.

The Congress was informally opened on Saturday, August 28th, with a reception to its members and their ladies by the Société Centrale d'Architecture in its rooms at the Palais de la Bourse. This was a sort of introductory reception.

Sunday morning was spent at the Exhibition of Architecture at the International Exposition.

This display of architectural designs was not only a retrospective exhibition of the architecture of Belgium, but one of the contemporary works in other countries. The exhibition was very general in its nature and included the decorative arts.

One gallery was devoted entirely to a retrospective exhibition of the architecture of Belgium, and this was extremely instructive, including photographs, as well as original and measured drawings of many of the historical buildings of this delightful little country.

One room was devoted to students' works, another to French work and still another to foreign countries in general. American designs were conspicuous by their absence. This is much to be regretted, especially in view of the fact that so little is known in Europe in regard to our architectural development. Let us hope that at the Paris Exhibition in 1900 all our leading architectural societies may be represented by an exhibition of their drawings, and that more American delegates will be present to participate in the deliberations of the Congress of architects at that time.

The formal opening of the Congress took place in the "Salle de Science" of the Palais des Académies. (This corresponds in Belgium to the "Institut" in France.)

After the members had assembled the President of the Congress, M. Dumortier, read the list of Honorary Members. This included the delegates from their respective governments: J. M. Poupinel, France; Count Paul de Suzor, Russia; J. Cuypers, Holland; Geo. Aitchison, England; A. Betocchi, Italy; O. Wagner, Austria; Pedro d'Avila, Portugal; G. O. Totten, Jr., United States of America; J. Stubbens, Germany; and delegates from the leading architectural societies of the world.

These, together with the President, proceeded to the grand entrance-vestibule of the Institute to receive His Majesty, who was to be present on this occasion. They had but arrived at the door when



a great gilded coach came thundering up and the Lord High Chamberlain alighted. His coach was followed by several postillions and the great royal coach of the King. His Majesty was received by the Minister of Agriculture and Public Works, and Fine-Arts, M. Buis, Burgomaster of Brussels, and the President. The latter then presented each of the Honorary Members to His Majesty. The King had a gracious word to say to each of the delegates. To both the English and American delegates he talked in English and appeared rather proud of his accomplishment. He showed great satisfaction in meeting the various members, and expressed his keen interest in architecture.

After this reception His Majesty took his seat in the royal box and the President made the opening address, followed by several distinguished foreign members. The Congress, thus opened, proceeded directly to business. The subject for the day was "The Restoration of Historic Buildings," discussed from several points-of-view.

The question was opened by M. J. Dowacle and responded to by a dozen or more architects before the vote was taken.

It is not proposed in this rather hasty sketch, especially as the *compte-rendu* of the Congress has not appeared, to comment further upon the discourses, since the *American Architect* may, in due time, publish a fuller account of the proceedings.

At the close of the discussion the Congress proceeded in a body to the Exhibition Grounds; here supper was served and the special illuminations and concert were enjoyed.

The Congress convened at nine Monday morning and proceeded with the topic of the day, viz, "Should Architecture be Eclectic or limited to the Teachings of a School?" At the close of the debate the Congress adjourned to the Hôtel de Ville; here they were received by the Burgomaster, M. Buis, and conducted through the charming old building. The Old Square, or Flower-market, was a blaze of color, and a touch of romance was given to the promenade to and from the reception by the ringing of the chimes in the old King's House Tower which pealed forth a chorus from "Faust."

At 2.30 carriages were furnished, and the entire party went on a sight-seeing expedition about the town. At the Palais de Justice the members were photographed in a body. After this they were driven to the principal monuments of interest.

The confraternal banquet took place in the great Salle de l'Harmonie in the evening. The dinner was a magnificent affair, the royal band played throughout the repast, and when either the President or any new speaker wished to address the assembly the band compelled the attention by a flourish of ra-ta-tas from the brass instruments.

The business deliberations were continued at nine o'clock on Tuesday morning in the Reception Hall of the Palais de la Bourse. Among those scheduled to read papers, M. Louis Bonnier, *Architecte en chef* of the Paris Exposition Buildings for the Exposition in 1900, was the principal speaker. In the course of his remarks he dwelt at some length upon the routine of the Nationale École des Beaux-Arts of France, and the results obtained from that system.

A lively discussion led by M. J. de Becker ensued.

Before the close of the session, Mr. Albert Kelsey, representing the T-Square of Philadelphia, was given *la parole* and addressed the meeting on the subject of architectural educational systems in America, and described the new wave of public interest which is being aroused for better architecture in the United States. He concluded by appealing to the foreign delegates for their cooperation in bringing about a closer fraternal relationship between the societies of both continents.

During the afternoon, by special train, the delegates were taken to Villers, where they inspected the ruined abbey, M. Charles Licot conducting the party, explaining the peculiarities of the work as executed at different periods. Although this excursion was somewhat interrupted by rain, the picnic and illumination of the ruins were carried out as originally planned. It required an unusual effort to catch a special train the next morning for Antwerp, however, after the late return from Villers the night before. But nearly every one was on hand, and all were well repaid by the carefully prepared programme which had been arranged for their entertainment by the authorities of the City of Antwerp.

Upon arrival there the new railroad terminal station (only half completed) was inspected, then the Cathedral, the famous old Musée Plantin, and at 10.30 the fourth session was opened by M. Van Ryswick, Burgomaster of the City of Antwerp. A paper by M. Charles Lucas, of Paris, and a discussion and vote followed.

After the adjournment of the meeting, which was held in the richly decorated old Salle Communale of the Hôtel de Ville, the party walked down to the quay and embarked on a special steamer, on which lunch was served. A beautiful view of the city, its massive water-front, new docks and quaint old architecture, was obtained during the trip up and down the river. On landing, the Congress was driven around the city in carriages to the principal points of interest, through the dock-yards, into the heart of the city—along beautiful boulevards, and through several small parks to the Zoological Gardens, where a new public structure has just been completed, which combines in one building a lofty music-hall, a large conservatory, a restaurant, and a long wide terrace glassed-in, etc. Here a light lunch was served, and toasts were drunk in champagne *ad libitum*; one architect proposing a long toast, in four different languages, to the health of M. V. Dumortier.

To the three American representatives present, probably the Burgomaster's Ball in the famous old Hôtel de Ville, in the evening upon their return to Brussels will remain the most vivid feature of the entire Congress. In the court-yard a lofty semicircular canopy draped with white and crimson hangings and banked with palms led to the main entrance stairway. This tent was large enough to turn two carriages in at once had it been necessary to do so, and was carpeted with crimson, as were the white stairs, and both were ablaze with electric-lights. An orchestra and band alternated in discoursing music throughout the evening, and two supper-rooms were constantly kept filled with *honoris confrères* drinking one another's health.

The Burgomaster, a trim little man with a gray Van Dyck beard, received in full uniform, his official costume being cut something after the style of the special dress adopted by the members of the Institute of France for occasions of grand ceremony, and was decorated with silver lace. He carried a cocked hat under his arm.

Although the entire Hôtel de Ville was thrown open and decorated for the occasion, dancing was only conducted in the great Gothic hall. As the building is very large, the delegates and their ladies were not crowded, and had an unusually good opportunity to examine the beautiful interior, the historic tapestries, quaint Flemish carvings, and richly leaded casement windows.

There was a glitter and a glamor about the appearance of the throng which suggested a diplomatic reception rather than an architects' reunion. Decorations and medals were plentiful, and many of the venerable members carried themselves with a dignity and aplomb worthy of prime ministers.

Fatiguing as it was to attend all these functions, nearly every one was punctual at the business meetings; and the morning session following the ball was better attended than one would have expected after four such full days as the preceding days had been.

A discussion on the subject of "What are the proper Means of Assuring Architects the Proprietorship of their Works," by MM. Brunard and P. Janssens (advocates of the Brussels Court of Appeal) and Gustave Mankels, architect, followed.

Lunch at the Colonial Exhibition at Tervueren, more champagne, more music, more toasts, and a very interesting visit to the exhibition from the Congo, Belgium's great colonial possession.

In the evening the Congress attended a representation of "Carmen" at the Royal Opera House, nicknamed Théâtre de la Monnaie, and with this brilliant spectacle, the seductive strains of "Torreador" ringing in every one's head, the official programme of the Fourth International Congress of Architects came to a close.

A special meeting was held next day to discuss any new subjects which might be brought up by the members. Mr. Totten, delegate from the United States Government, then read a short paper on "Government Architecture." He said that there were three methods in general for obtaining designs for Government buildings: First, by a Government architect; second, by employing the services of a private architect; third, by the means of competitions. The first had been tried in America, but the results were not considered by American architects as equal to those of private work, and that Mr. Gage, the new Secretary of the Treasury, wished to revise the system and desired that our Government architecture, instead of being inferior to private work, should serve as a model and inspiration to our architects. Mr. Totten then asked "What is the best possible method of obtaining designs for Government buildings?" A general discussion followed and the matter is to be more fully considered by the Commission.

It seems hardly fair a representation for the United States of America to have had only three representatives present out of over three hundred delegates; and, aside from the business transacted, the one thing which was most worthy of note, in a sketch of this kind, was the individual character of the most distinguished delegates, and the high personal esteem in which they were held. They were not only architects, but statesmen too: there were three Members of the Institute of France, one Deputy, one Member of the Italian parliament and several French Representatives, besides others in political and municipal affairs from many countries. That Leopold, King of the Belgians, should have come up from Ostend specially to open the Congress is sufficient proof of the high esteem in which our profession is held in foreign countries.

#### AN HYDRAULIC LABORATORY AT ITHACA, N. Y.

IN describing before the American Society of Civil Engineers the new hydraulic laboratory lately established in connection with Cornell University, Mr. E. A. Fuertes said:—

"The uses of this laboratory are not restricted simply to questions strictly classified as of hydraulic importance. For example, on the sanitary side, the relations that should exist between the grade of a sewer, its size, and the volume of flush water required to produce a given effect are almost entirely unknown. The work of S. H. Adams, just published, does not supply the needs of sewer designers with needed generality. The equipment of this laboratory can settle the conditions required to determine how far down grade a definite volume of flush will be effective, under the varying conditions of this problem.

"In this sanitary connection also, a new science is looming up, properly called Engineering Biology. Hitherto the biologist has been interested mainly in the genesis of life, and his studies have

had no decided trend offering information which is indispensable for the purposes of the water-supply engineers. On the other hand, the physicians, mainly interested in general pathology and therapeutics, have given little attention to the modes of life and death of the infinite number of micro-organisms found in water, which prey upon human health. But the engineer, who is to supply drinking-water to cities and makes it more or less stagnant behind huge dams and impounding and distributing reservoirs, has had, hitherto, no definite knowledge of the best methods for fostering and preserving a standard of purity in his water-supplies.

"Far be it from me to ignore the splendid work done by the biologist and physician in their lines. I have reference only to the work not yet done, and needed to be done, under the special view of the engineer; and since impure water is the cause of innumerable deaths, the opportunity that the laboratory offers for many important studies will be easily appreciated.

"This very much enlarged laboratory can now continue, under the best auspices, investigations under way for some time past, based upon the universal theory that all living beings derive their sustenance, at least in part, from other living beings; and that certain conditions of temperature, light and plant life either arrest or foster their growth. An effort is being made to find out how to populate our drinking-water with forms of life capable of destroying dangerous organisms, and yet strong enough in their struggle for life to survive in sufficient numbers for this beneficial purpose under protective conditions as yet difficult to control. I may say that although this question is far from being solved, with unfiltered waters especially, its prospects are indeed hopeful. The hydraulic laboratory I am describing lends itself admirably to studies of this nature.

"Many of the labors undertaken by the Boards of Health of Massachusetts and Michigan, which are an honor to this country, can be extended and made useful much more rapidly here than under the cramped conditions and lack of resources and the political corruption which now hamper the efforts of some of our best Boards of Health. I cannot but say, however, that with the above two exceptions, adding possibly the Boards of Health of Connecticut, Kentucky, Louisiana and Rhode Island, all the other Boards of Health in this country are most disappointing institutions.

"Among the Boards of Health of thirty-nine States, one (consisting of a physician and one lawyer) investigates the origin of epidemics; another, composed entirely of non-professional men, propagates vaccine virus; a third, made up of physicians entirely, studies typhoids and diphtheria; a fourth, made up of physicians and non-professional men, investigates diphtheria and tuberculosis; a fifth, composed of physicians, lawyers and civil engineers, studies in Massachusetts the action of filters; the Michigan Board of Health studies the relation of climate to disease; yet another only distributes vaccine; and lastly, another, made up of physicians and civil engineers, studies diphtheria and consumption. The States appropriate for the work of the Boards mentioned the sum of \$92,200. This insignificant sum is the only one which supplies, in some measures, data for the advancement of sanitary science. The total expenditures of thirty-nine other Boards of Health, as ascertained by correspondence with all the States of the Union, amounts to \$256,900, most of which fails to fulfil any reasonable expectations as to usefulness, with the exceptions above mentioned of Massachusetts, Michigan, Louisiana, Kentucky, Connecticut and Rhode Island.

"I do not intend to cast any reproach upon the Boards of Health of the country, for I know of some, and suspect the nature of many, of the difficulties against which they are obliged to contend. I wish only to point out that the entire subject, and management, of our Boards of Health is in a chaotic and hopeless condition of inefficiency, and will remain so as long as they are left to work by themselves under the loose and improper conditions which obtain in nearly every State of the Union, owing to that lack of unanimity of public sentiment which cannot be obtained without sufficient scientific backing. It is hoped that this laboratory may aid the Boards of Health in directions as yet unattainable by reason of expense and lack of facilities; rescuing some of them from the control of politicians, and enabling them to organize with a suitable personnel, on account of the proofs that can be given to strengthen their claims upon the attention of the people, as the result of experiments which the laboratory will be able to furnish.

"The location of the hydraulic laboratory which I have endeavored to describe briefly is a most fortunate one; indeed, it is estimated that if its natural conditions were not so favorable, \$3,000,000 could not provide the resources that Nature offers almost without price, and which are indeed priceless."

AN AGRARIAN UPRISING NEAR ROME. — There is considerable agitation among the peasants in the Lazio district in favor of a redistribution of the vast uncultivated estates of the patrician families, and on August 23d, 700 villagers, with their wives and children, carrying the national flag and headed by a band playing the Royal March, started from Marino, a few miles southeast of Rome, intending to seize and divide the estates of Prince Colonna at Lefratoochio. The authorities intervened and persuaded them to disperse; but troops were dispatched to prevent further disturbance. — *Exchange*.



#### AMERICAN INSTITUTE OF ARCHITECTS.

THE Thirty-first Annual Convention will be held at the Hotel Cadillac, Detroit, on Wednesday and Thursday, September 29 and 30, and Friday, October 1, 1897.

#### ORDER OF PROCEEDINGS. — WEDNESDAY, SEPTEMBER 29.

The members of the Institute will assemble in the ordinary of the hotel promptly at 10 o'clock; will register their names, and at 10.30 the Mayor, Hon. Wm. C. Maybury, will deliver an address of welcome, and the President of the Institute, Mr. G. B. Post, of New York, will respond and deliver the annual address, after which the Convention will be declared open for business.

#### ORDER OF BUSINESS.

1. Report of the Board of Directors.
2. Report of the Treasurer and appointment of the Auditing Committee.
3. Report of Chapters, a synopsis of which will be read by the Secretary.
4. Report of the Standing Committees: Committee on Foreign Correspondence, W. L. B. Jenney, Chairman; Committee on Education, H. Langford Warren, Chairman; Committee on Publication and Library, Frank Miles Day, Chairman; Committee on Conservation of Public Buildings, R. M. Upjohn, Chairman.
5. Report of Special Committees: Legislative Committee on Government Architecture, George B. Post, Chairman; Committee on National Building for the Institute, Daniel H. Burnham, Chairman; Committee on Building Laws, T. M. Clark, Chairman; Committee on the Advisability of Licensing Architects, J. H. Pierce, Chairman; Committee on the Effect of Electric Currents on Adjacent and Surrounding Material, James B. Cook, Chairman; Delegate to National Conference on Standard Electrical Rules, Alfred Stone; Committee to Revise Constitution and By-Laws, George Keister, Chairman.
6. Consideration of the Annual Address of the President, of the Report of the Board of Directors, and of the Report of the Chapters, and Standing and Special Committees, followed by the appointment of Special Committees, to which recommendations contained therein shall be referred.

It is proposed that the morning and afternoon sessions shall be continuous with the exception of a recess, during which the Convention will lunch in the Convention Hall, as guests of the Michigan Chapter. The afternoon session will be short, after which there will be a trolley, trolley-ho or carriage ride to points of interest about the city, and to Belle Isle Park, and after a short stop at the Casino the members will return to the hotel.

In the evening there will be an opera party.

#### THURSDAY, SEPTEMBER 30.

1. Reports of Special Committees.
2. Unfinished business of previous day.
3. Papers. — (a) "What Membership in the Institute Should Mean," Prof. C. Francis Osborn, F. A. I. A., Professor of Architecture in Cornell University, Ithaca, N. Y. (b) "The Institute and Schools of Architecture," Henry Van Brunt, F. A. I. A., Kansas City, Mo. (c) "Architectural Education," Cass Gilbert, F. A. I. A., St. Paul, Minn.
4. Appointing of committees to nominate officers of the Institute for the ensuing year, and to suggest a place in which to hold the next Annual Convention.

Luncheon will be served in Convention Hall during a recess, and if the afternoon is not all taken up with business, the rest of the day will be devoted to visiting points of interest.

It is probable that an evening session will be necessary to consider amendments to the Constitution and By-Laws, reported by the Special Committee, and also one proposed by the Board of Directors and sent to every Fellow of the Institute, in the printed report, of the Directors' meeting held in New York, February 18 and 19, 1897, which is as follows: That Article IV, Section 1, of the By-Laws be amended to read as follows: "Section 1. The President shall be elected at each Annual Convention to serve for one year."

After this meeting is adjourned, the Fellows of the Institute are invited to a "Kneip" at the Fellowcraft Club, as guests of the Michigan Chapter.

#### FRIDAY, OCTOBER 1.

1. Reports of Committees appointed at the opening session and their consideration.
  2. Unfinished business.
  3. Paper. — "Church Architecture," R. Clipston Sturgis, F. A. I. A., Boston, Mass.
  4. Election of officers and selection of a place for the next Annual Convention.
  5. Miscellaneous Business.
- The morning session will be followed by a luncheon in Convention Hall.



The afternoon will be reserved for a boat ride to Lake St. Clair Flats, with supper.

|                            |                                                                                   |                                  |
|----------------------------|-----------------------------------------------------------------------------------|----------------------------------|
| Committee of Arrangements, | H. LANGFORD WARREN,<br>FRANK MILES DAY,<br>ALFRED STONE,                          | From the<br>A. I. A.             |
|                            | JAMES ROGERS, JR.,<br>HENRY J. MEIER,<br>RICHARD E. RASEMAN,<br>FRANK C. BALDWIN, | From the<br>Michigan<br>Chapter. |

Per order of the Committee,  
ALFRED STONE, Secretary, A. I. A.

T-SQUARE CLUB, PHILADELPHIA.—THE HARRISBURG COMPETITION.

THE following resolutions were adopted by the T-Square Club, at a meeting of the Executive Committee, held September 17, 1897:—  
Whereas, A majority of the State Capitol Commission has violated its agreement with competing architects; has treated its able and conscientious expert adviser, Prof. Warren P. Laird, with contempt; has discredited not only him but the other members of the expert jury, Mr. Carrère and Mr. Cook; and has made statements to justify its dishonorable action, which statements are denounced as unfair and untrue, both by the jury and by the Governor as head of the Commission. Now, therefore, be it

Resolved by the T-Square Club that the said majority of the Commission, in violating their agreement with the competing architects, and in disregarding the recommendations of their own experts and the warnings of the Governor, have proved themselves unfit to be trusted, and should be impeached;

Resolved, That the T-Square Club denounces and repudiates any member of the profession of architecture who has lent or shall lend himself to the dishonorable action of the Commission;

Resolved, That the published statements of Senator McCarrell, justifying the repudiation of the contract and of the experts' report, are misleading and false, for the following reasons:—

First.—The terms of the programme were mandatory as to the areas of the rooms required—advisory only as to the total cubic contents of the building, and silent on the subject of materials or finish intended, the competition being expressly framed to select an architect on the basis of qualifications demonstrated by the designs.

Second.—The economy of any design being determined by three factors—size, simplicity of construction and materials—it is evident that a design of a given size would vary in cost according to the materials used. From Senator McCarrell's published quotations from the experts' report, it is plain that the designs recommended could, in the judgment of the experts, be built within the appropriation.

Resolved, That the architectural profession and the citizens of this Commonwealth are warned that the evident intention of a majority of the Commission to select an architect without reference to the terms of the contract they have made is a public scandal which calls for immediate correction;

Resolved, That this Club pledges itself to the distinguished and honorable Board of Experts to uphold them and the reputable element in the profession in their protest against the disgraceful action of the majority of the Commission.

HORACE H. BURRELL, Secretary pro tem.  
DAVID KNICKERBACKER BOYD, President.



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

MONUMENT TO PETER COOPER, ASTOR PLACE, NEW YORK, N. Y.  
MR. AUGUSTUS ST. GAUDENS, SCULPTOR; MESSRS. McKIM, MEAD & WHITE, ARCHITECTS, NEW YORK, N. Y.

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

BUILDING AT THE CORNER OF HARRISON AVE. AND ESSEX ST., BOSTON, MASS. MESSRS. RAND & TAYLOR; KENDALL & STEVENS, ARCHITECTS.

ORPHANS' HOME, NEW BEDFORD, MASS. MR. GEORGE H. INGRAM, ARCHITECT, BOSTON, MASS.

THE BREWER BUILDING, WORCESTER, MASS. MR. GEORGE H. CLEMENCE, ARCHITECT, WORCESTER, MASS.

ST. JOHN'S CHURCH, EAST BOSTON, MASS. MESSRS. MARTIN & HALL AND W. E. HOWE, ARCHITECTS, PROVIDENCE, R. I.

DETAILS OF BEXAR COUNTY COURT-HOUSE, SAN ANTONIO, TEX. J. RIELY GORDON, ARCHITECT: TWO PLATES.

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

DETAILS FROM BEAUVAIS CATHEDRAL. FROM "ARCHITECTURE STUDIES IN FRANCE," BY W. GALESWORTHY DAVIE.

A GROUP OF LIBRARY INTERIORS.

A GROUP OF CHURCHES.

[Additional Illustrations in the International Edition.]

THE NEW LIBRARY OF THE UNIVERSITY OF STRASBURG, ALSACE.

[Gelatin Print.]

DURING the bombardment of the fortress of Strasburg, in 1870, by the German Army, the fine library owned jointly by the city and the Protestant Academy, and numbering about 200,000 volumes, including many precious incunabula, was unfortunately destroyed by fire. Soon after the conclusion of peace and the founding of the new Imperial University, strenuous efforts were made by the Germans to replace the lost library by a new collection of books, which has already swelled to over 700,000 volumes. This new collection was originally housed in the old Episcopal Palace, which soon, however, failed to satisfy the rapidly increasing demand for space. In 1888, Herr Pavelt, Government-architect, was instructed to submit a preliminary plan for a new library-building, and in the following year, Herren Hartel & Neckelmann, of Stuttgart, the architects of the Provincial Legislative Building which forms the counterpart to the new library upon the fine "Kaiserplatz," and which was illustrated in our No. 1099, of January 16, 1897, were charged with working out the final plans. The execution of the building was in charge of Herr Wagner, Government-architect. The construction occupied the time from 1889 to 1895, when the new building was opened, ready for public use.

The building, whose general arrangement resembles, in some respects, that of the new Congressional Library, at Washington, D. C., has four inner courts, surrounding the central portion, two of the former being glass-covered and serving as catalogue-rooms. The front contains offices on each side of the vestibule, and on the second floor a series of exhibition-rooms. The remaining three sides of the pile are occupied by the great stack-rooms, arranged in eight tiers of 7' 3" clear height each, and connected with the central reading-room by three tracts of five tiers each, which open upon galleries, surrounding the reading-room, and communicating with each other by means of circular iron stairways placed in the four corners of the room. After entering through the vestibule and crossing the lobby, from which the main staircases on each side may be reached, the visitor passes through a large ante-room, 30' by 58', where books are given out to be taken away, into the great reading-room, this being of square plan, 58' by 58', and surmounted by a domical skylight, which is made the crowning feature of the exterior. By running the walls of the reading-room up above the connecting wings, it was possible to admit also high side light to the former, through three large arched windows. Seats are provided for eighty readers, including ten seats for the study of large maps, etc. The two catalogue-rooms, 30' by 36', mentioned before, situated on each side of the ante-room, are accessible from the reading-room as well as from the ante-room.

The façades are constructed of the white sandstone from the Vosges Mountains, in the Italian Renaissance style. The division into two stories, necessary for the front of the building, is carried out also in the other façades independently of the tiers of the book-stacks inside. The sculptured work, with which the façades are lavishly decorated, was modelled, and executed, by Herr Riegger, of Strasburg. The iron roof is covered with zinc-plate, except the top of the central skylight, which has a covering of copper. By night, the reading-room is lighted by an arc-light of 2,500 candle-power, besides numerous incandescent lamps on the underside of each gallery-floor, and portable lamps on the reading-tables.

The total cost of construction, including architects' fees, amounted to \$348,000, equivalent to 16.7 per cubic foot, taking height from cellar floor to top of cornice. The furniture and iron book-stacks cost an additional sum of \$68,400. The full capacity of the stacks is calculated to be 1,400,000 volumes (as against 1,560,000 volumes for the Congressional Library).

Plans, section and elevation of the building were published in the American Architect for August 31, 1895.

DETAIL OF THE REAR FACADE OF THE NEW UNIVERSITY LIBRARY, STRASBURG, ALSACE. HERREN PAVELT; HARTEL & NECKELMANN AND WÄGNER, ARCHITECTS.

[Gelatin Print.]

MAIN PORCH OF THE SAME BUILDING

[Gelatin Print.]

ALL HALLOWS CHURCH, LOMBARD ST., LONDON, ENG. GENERAL INTERIOR VIEW. SIR CHRISTOPHER WREN, ARCHITECT.

DESIGN FOR CHURCH OF THE SACRED HEART, CROMOND, SCOTLAND. MR. J. GRAHAM FAIRLEY, ARCHITECT.

INTERIOR OF THE SAME.



[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.]

#### THE LYNN LIBRARY COMPETITION.

BOSTON, MASS., September 13, 1897.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—I take the liberty of sending you a cutting from the *Lynn Daily Evening Item* of September 11, 1897. This aforesaid paragraph seems to me a somewhat instructive commentary on the popular idea of the architectural profession. The fact that one member of the trustees has already had a set of plans prepared for the proposed building which he is determined shall be accepted adds to the humorous nature of the episode.

Trusting that you will give full currency to this latest example of official insolence, I remain,

X X X.

"THE Committee on Plans of the Public Library Trustees met Friday afternoon, and decided that each member of the committee should be privileged to ask two architects to draw plans for a public library building, without hope of emolument other than the possible acceptance of the same, the limit of time for their presentation to be October 20th, and with the restriction that any plan submitted must be accompanied by detailed drawing and specifications, and at least one bid by a responsible, reliable contractor."—*Lynn Item*.

[OUR correspondent fancies there is something peculiarly outrageous about this competition merely because he chances to know more about it than about some of its predecessors. However, he adds for our private information some particulars which seem to show it would be more than usually futile for any man without a pull to enter the competition.—EDS. AMERICAN ARCHITECT.]



THE ZONE SYSTEM OF R. R. FARES IN DENMARK.—Following the comparatively recent examples of Hungary and Russia, Denmark has now adopted the "zone system" on all the State railways. The new system was quietly introduced during the present summer, and to-day Denmark is probably the cheapest country for railway travelling in the world. The innovation has not been made rashly. On the contrary, it seems to be regarded as the natural outcome of railway development and enterprise in Denmark during recent years. The prices of tickets for distances over 100 kilometres are adjusted on a zone system consisting of 18 zones, the first of which extends from the 100th to the 110th kilometre. The last extends from the 676th kilometre onward to the limits of the State system. The extent of the zones increases progressively, although the cost of traversing each is uniform. Thus, while the first zone is only 10 kilometres in breadth, the 17th is over 46 kilometres. The cost of the ticket, however, now rises very slightly in proportion to the distance travelled. Thus, while a third-class ticket for a distance of 68 miles costs 2s. 8d., one for a distance of 419 miles costs only 7s. 1d. The price for any possible distance beyond 419 miles—the inner limit of the eighteenth zone—is only 7s. 4d. The average cost of the shorter journey would in this country be 6s. 8d., or more than double the Danish price. The cost of a single journey between London and Edinburgh—only 395 miles—is 32s. 8d., or four and a half times as much. Another novelty is the issue of fortnightly tickets available all over the State lines. These cost only 58s. 6d., 36s., and 22s. 6d. for the three classes. A yearly ticket giving the same facilities costs only £27, £16 17s. 6d., or £10 2s. 6d., according to class.—*The London Daily News*.

THE BENIGNANT MICROBE ONCE MORE.—The *Bombay Gazette* describes a discovery which, if true, may have wide possibilities in practical medicine. The original announcement was made in an official report by Mr. Hankin to the government. Briefly put, a young Parsee medical man, Dr. Ghadialli, discovered a bacillus, to which he ascribes the peculiar power of destroying the enteric and other allied microorganisms. This discovery was founded on a research suggested by the interesting fact that, in samples of water sent for examination containing the newly discovered bacillus, the enteric microbe and its allies were never found. A series of experiments led to the general conclusion that, under certain circumstances, the new bacillus was able to destroy the enteric forms in water. Mr. Hankin has named the aggressive microbe after its discoverer, the "*Micrococcus Ghadialli*." In pure cultures it is harmless to man when swallowed by the mouth, and produces no ill effects when injected into the peritoneal cavity of rabbits and guinea-pigs. As Mr. Hankin is an acknowledged authority, European medical experts are inclined to believe that the young Parsee physician has made a discovery of great significance.—*N. Y. Evening Post*.

BUDDHIST REMAINS IN JAVA.—The fact is not generally appreciated that there are ruins of Buddhist and Brahmanic temples in middle Java surpassing in extent and magnificence anything to be seen in Egypt or India. There, in the heart of the steaming tropics, in that summer land of the world below the equator, on an island where volcanoes cluster more thickly and vegetation is richer than in any other region of the globe, where earthquakes continually rock and shatter, and where deluges descend during the rainy half of the year, remains nearly intact the temple of Boro Boedor, covering almost the same area as the great pyramid of Gizeh. It is ornamented with hundreds of life-size statues and miles of bas-reliefs presenting the highest examples of Greco-Buddhist art—a sculptured record of all the arts and industries, the culture and civilization, of the golden age of Java, of the life of the seventh, eighth and ninth centuries in all the farther East—a record that is not written in hieroglyphics, but in plainest pictures carved by sculptor's chisel. That solid pyramidal temple, rising in magnificent sculptured terraces; that was built without mortar or cement, without column or pillar or arch, is one of the surviving wonders of the world. On the spot it seems a veritable miracle.—"*Prisoners of State at Boro Boedor*," by Eliza Ruhamah Scidmore, in the *September Century*.

MR. JUSTICE CAYE ON ARCHITECTS.—In the case of *Jalland v. Tyler and Hind*, recently before Mr. Justice Caye at Nottingham, the learned judge, in summing up, thus delivered himself on the value of expert evidence given by architects: "This was one of those unfortunate cases in which they had to listen to what architects came and told them. There were no such unsatisfactory men as architects, for they were always at the opposite poles to one another. All other scientific men tried to come to some sort of an agreement; but architects, on the other hand, tried to contradict each other entirely. That might be due to three causes, and three causes only. Which of these causes was the correct one was not for him to say. It might be that architecture had no science whatever about it. Secondly, there might be science in architecture, but the witnesses who had been called knew nothing about it. Thirdly, there might be science in architecture, and these men might possess that science, but not have the honesty to tell them truly what it was. One or other of these things must be true, or the architects would not be found differing so widely as they always did. In point of fact, they helped the jury very little indeed, and they had, so far as they could, to come to a decision with as little regard to the architects as possible."—*Journal of the Royal Institute*.

THE HITTITE INSCRIPTIONS.—Colonel Conder, the well-known Palestine explorer, analyzing in the *Times* of to-day the recent discoveries of Hittite inscriptions in Asia Minor, says that the newly copied texts appear to be records of local princes serving kings of the first Babylonian dynasty. The writing is in Akkadian emblems of language. These did not exceed 100, and the new discoveries establish both the language and the vocabulary. The widespread power of the Cassite or Akkadian race at this early period is confirmed. The empire to which the inscriptions are ascribed proves to be well known in history. The Hittites themselves play a subordinate part, being one of several tribes or nations ruled by chiefs, who acknowledged the great King of Babylon as Suzerain. Hogarth's explorations have shown that the north border of the Akkadian empire was drawn across Asia Minor. Inscriptions in this writing are not to be found apparently in the northern parts of Anatolia.—*N. Y. Evening Post*.

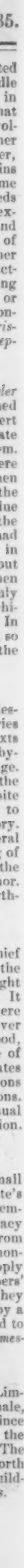
THE MISSISSIPPI FLOOD AND THE LEVEES.—General Wilson, chief of engineers of the army, has been making an examination of the report of the Mississippi River Commission and has brought to light some very interesting facts connected with the flood of last spring. It is shown that the flood of the Mississippi was the highest of which there is any record. The total length of the levees on both sides of the river was 1,377 miles, and there were in all thirty-eight breaks by the flood, aggregating eight and seven-tenths miles. An interesting feature of the breakages is that none of the levees built by the United States Government were broken, but the breaks occurred in those portions which had been built by States or municipalities or private persons. The Mississippi River floods will form an important part of the annual report of General Wilson, which is now in the course of preparation.—*N. Y. Tribune*.

THE BOYCOTT IN CHICAGO.—Non-union plumbers who own small shops have announced their determination, after a call upon State's Attorney Deneen, to attempt to secure the indictment of certain members of the Master Plumbers' Association on the charge of conspiracy to injure their business. They claim they are refused supplies from large houses because they do not operate union shops. These non-union dealers claim their orders are repeatedly declined by the supply houses because the latter fear the displeasure of the Master Plumbers' Association and Journeymen Plumbers' Union. As a consequence they assert they cannot complete contracts, their business is imperilled by a mercantile boycott, and the aid of the law will therefore be invoked to remove the ban under which they have been placed.—*Chicago Times-Herald*.

THE GIFT OF THE DUC D'AUMALE TO THE INSTITUTE.—M. Limbourg, one of the testamentary executors of the late Duc d'Aumale, gives some estimate of the value of the Chantilly collection. Since 1886, for books, manuscripts, and various works of art added to the Condé Museum, at Chantilly, the Duke had expended \$250,000. The total value of the entire collection is estimated by experts to be worth \$3,000,000. There is a bequest of \$205,000 for additions to the building, and \$40,000 is left for immediate maintenance.—*N. Y. Times*.



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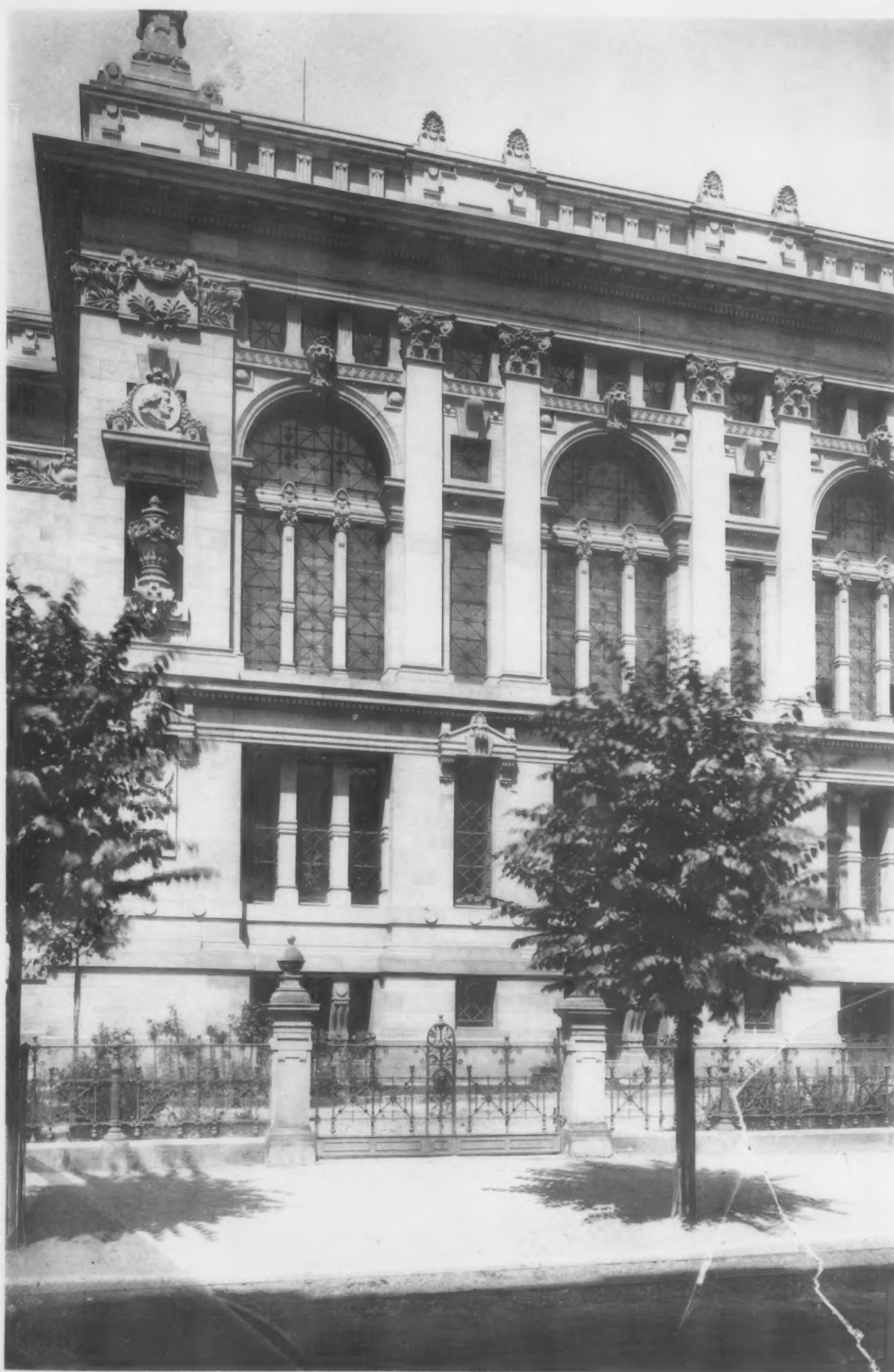
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DETAIL OF BEXAR COUNTY COURT HOUSE, SAN ANTONIO, TEX.  
J. RIELLY GORDON, ARCHITECT.



DETAIL OF BEXAR COUNTY COURT HOUSE, SAN ANTONIO, TEX.

J. RIELY GORDON, ARCHITECT.



PHOTOGRAPHED BY S. B. SOLAS & CO

ALL HALLOWS' CHURCH, LOMBARD STREET, NEW YORK  
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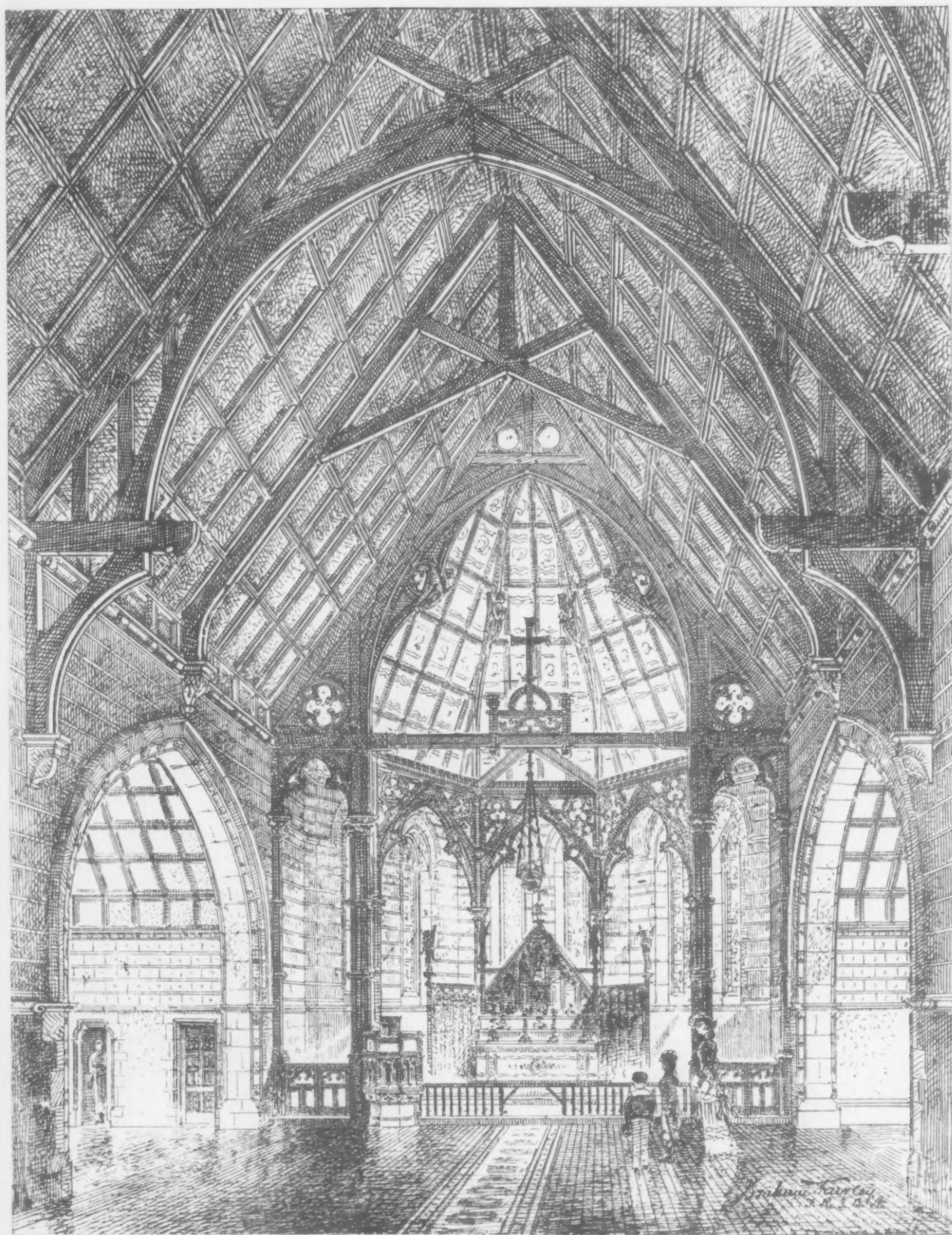
188-PHOTO. SPRAGUE & CO. 4 & 5, EAST HARDING STREET, FETTER LANE, E.C.

LOMBARD STREET: GENERAL VIEW.

TOPHER WREN, Architect.



DESIGN FOR CHURCH OF THE SACRED HEART, CRAMOND, N. B.  
J. GRAHAM FAIRLEY, F.R.I.B.A., Architect.



DESIGN FOR CHURCH OF THE SACRED HEART, CRAMOND, N. B.  
J. GRAHAM FAIRLEY, F.R.I.B.A., Architect.



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# THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

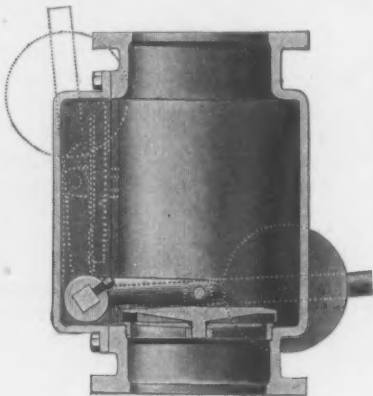
No. 181.

SATURDAY, JULY 3, 1897.

VOLUME LVII.  
No. 1123.

## EXCELSIOR STRAIGHT-WAY BACK-PRESSURE VALVE.

ONE of the necessary evils attendant upon the use of exhaust steam on heating systems is the use of a back-pressure valve. We say evil because anything that offers the slightest obstruction to the free passage of the exhaust



when the valve is not needed must be considered as such, and, as heretofore constructed, all back-pressure valves when thrown wide open leave a more or less tortuous passage for the steam and in many cases the valve itself remains directly in its path to deflect or partially obstruct the flow, and it is the custom with many careful engineers at the beginning of the season when the valve is no longer needed to entirely remove the interior parts. Another serious objection is the disagreeable pounding of the valve on its seat, due to pulsations of the exhaust. To overcome this, many designs using springs, levers, balanced valves, etc., have been brought out, all of which require more or less attention and often fail to work properly. The cut clearly shows the construction and interior arrangement of the Excelsior Back-pressure Valve which is now being manufactured and put on the market by the firm of Jenkins Brothers, and it will be at once seen that the valve fully meets the requirements of an ideal valve. It not only has the fewest possible parts and is entirely free from complication, but when not in service the valve and all interior parts can be quickly thrown back into the cover, where it is entirely out of the exhaust passage and offers not the slightest obstruction, but leaves a full, free, straight passage, and consequently requires no further attention. The seat is broad and flat and as the valve contains the Jenkins' Disc, it is perfectly noiseless when in service, never sticks and gives long service. The cover can be easily and quickly removed,

bringing with it the whole interior parts for examination or repair if necessary. As a relief valve or free exhaust valve for a condensing engine, this valve will especially commend itself to engineers. It can be placed and used in any position, and from its shape is especially adapted for use in corners or close to a wall.

The Excelsior Valve is an improvement in every way over the old form, and is also an improvement in many ways over any other back-pressure valve now on the market. It is noiseless and free from any complicated attachments, whose office it is to partially prevent noise and which is frequently defeated by its complications and want of attention.

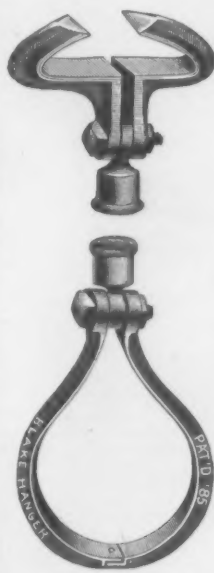
The area of the "Excelsior" Valve is equal to that of pipe. This valve has no dash pots, springs, guides or complicated levers to get out of order. Is simple, reliable and well made. Never sticks, and can be relied upon at all times when using exhaust-steam for heating; or when used as a relief, or free exhaust on a condensing plant, it has no equal.

and out of use in less time than it takes to say it.

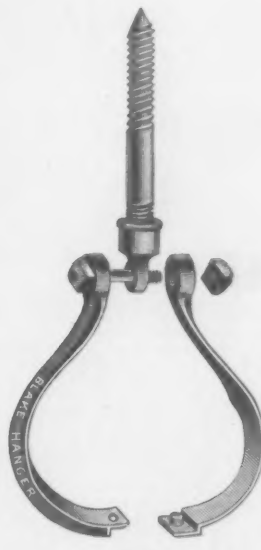
It is the only straight-way valve on the market. In fact, when its merits are considered, it is the only valve on the market to use on an exhaust steam-heating apparatus, as all of the above points are indispensable to the successful manipulation of an apparatus using exhaust-steam.

Amongst other useful devices manufactured by Jenkins Bros., the Blake Hanger has no equal for simplicity, strength and ease of adjustment. It can be attached to pipe when in position; it has no troublesome screws to adjust; it provides for expansion; it is adjustable to any desired pitch-lines of mains. It is the most economical and popular hanger in the market, and is endorsed and extensively used by the leading houses supplying the steam-heating and plumbing trades throughout the United States.

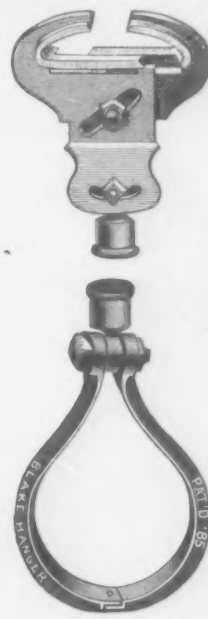
The upper part of the cuts below shows the Blake Hanger attached to the B. and W. Beam-Clamp.



No. 1.



No. 2.



No. 3.

Blake's Patent Malleable Iron Pipe Hanger and B. and W. Beam-Clamp.

It can be placed in any position, vertical, horizontal or at any angle desired.

It is the only valve on the market that allows the valve to be removed entirely from out of the passage of the exhaust without having to take the valve apart.

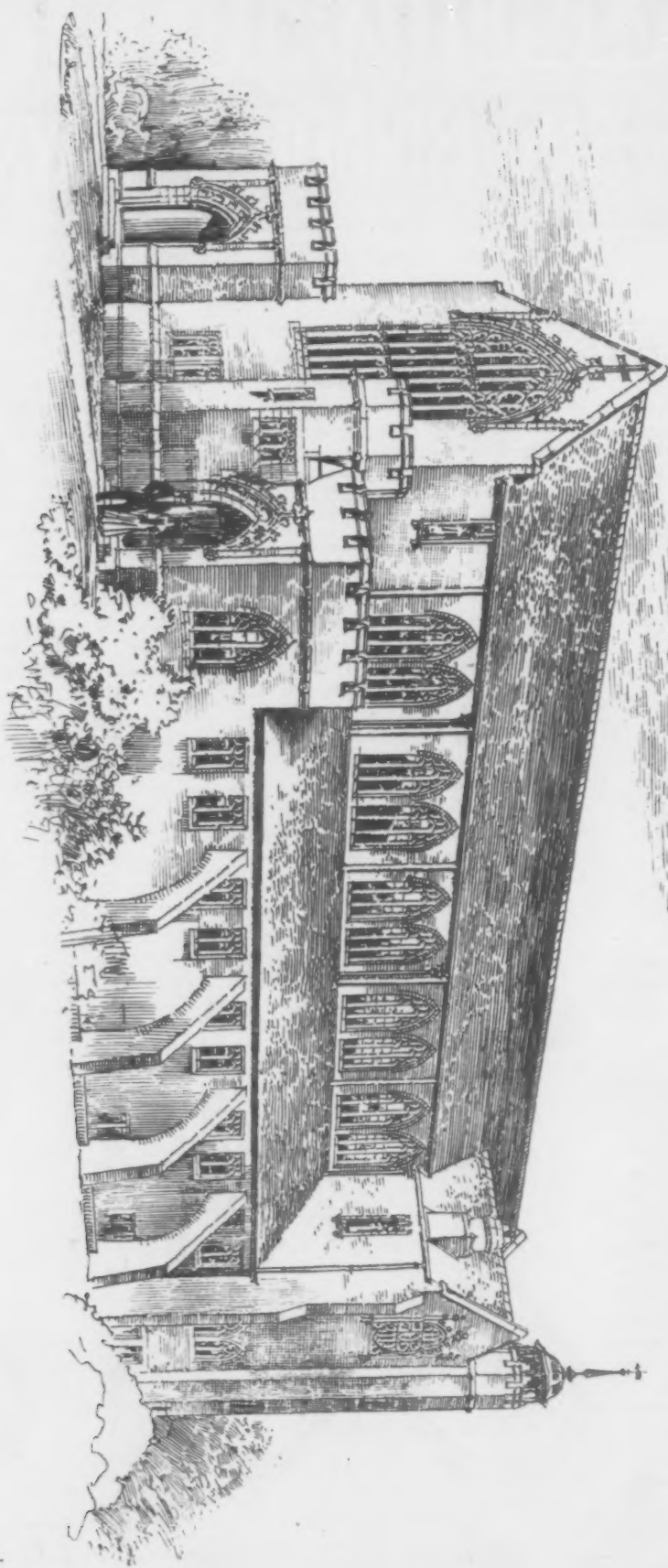
It is the only valve with a flat face, insuring almost unlimited longevity.

It is the only valve that can be thrown in

Beam-Clamp, a new and important improvement in adjustable beam-clamps. This clamp is made in three sizes: No. 1, suitable for iron beams two to four inches; No. 2, for iron beams four to six inches; and No. 3, for iron beams six to eight inches. They are readily adjusted, and provide for an expansion movement in hanger attachment.

The combination of this clamp with the





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Blake Hanger is the most complete, satisfactory and practical device for the purpose ever placed on the market. No steam-fitter, plumber, mill or factory can afford to be without it.

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## WARNING.

THE Keasbey & Mattison Co., of Ambler, Pa., has found itself constrained to send out a warning against the clandestine substitution of the cheap and inferior plaster-of-Paris coverings, for Magnesia coverings where Magnesia has been specified, and they ask architects to kindly specify, for the protection of their clients, that "Keasbey & Mattison's Magnesia Coverings must be used," or that the "Magnesia Coverings shall contain at least 85% of Carbonate Magnesia."

Attention is drawn to some fraudulent so-called "Magnesia" covering, entirely innocent of the presence of Magnesia, but offered as "genuine Magnesia Covering." This is the boldest fraud yet, as most of these so-called "Magnesia" Coverings contain 4 to 10% of Magnesia, "just enough to swear by," to use the language of one of the venders.

## METAL CEILINGS.

A DEPOT for the regular sale of our steel ceilings has been established in Boston, and hereafter a large stock of our various patterns will be kept there, thus insuring prompt execution of all orders.

We have specially trained the two young men, Messrs. Birdsall & Sarre, whose headquarters will be at 44 Kilby St., and who will attend to all New England business. They will endeavor to sustain the reputation and esteem that our work and material have earned in this part of our country. Architects will always find them ready to give full information and quote prices either for the material, or for the work put up complete.

NEW YORK METAL CEILING CO.,  
NEW YORK, N. Y.

## BUILDING INTELLIGENCE.

(Houses Continued.)

**Pittsburgh, Pa.**—Aiken Ave. and Walnut St., three-story bk. dwell., tin roof; \$7,000; o., Mary Jungbers; b., A. L. Huff, 5917 Broad St.  
**Boquet and Sylvan Aves.**, 2½-story bk. dwell., pitch roof, furnace; \$6,000; o., John Eichleay, Sr., Boquet St.; b., A. L. Huff.  
**Negley Ave.**, two-story bk. & st. dwell.; \$13,200; o., George Flaccus, Penn Ave.; b., A. L. Huff.  
**Pacific Ave.**, 2½-story bk. dwell.; \$11,000; o., J. W. Houston, 7th Ave.; b., O. P. Schultz, Lang Ave.  
**Plainfield, N. J.**—2½-story fr. dwell., 40' x 58'; \$10,000; o., Harold Sterrell; a., Chas. H. Smith & G. P. Crohen, 26 Broad St., New York City.

## BUILDING INTELLIGENCE.

(Houses Continued.)

**Salem, Mass.**—Federal St., two-story fr. dwell., 30' x 54', shingle roof, hot water; \$5,000; o., Esther F. Goodell, 10 St. Peter St.; a., J. C. Foster; not let.  
**Somerville, Mass.**—Pearl St., two-story fr. dwell., 31' x 53', shingle roof, hot water; \$5,000; o., I. H. Wiley, 84 Sudbury St.; b., J. M. Andrews; a., T. M. Sargent, Boston.  
**Cross St.**, two-story fr. dwell., 27' x 33', slate roof, furnace; \$5,000; o. & b., S. H. Abbott, 63 Flint St.  
**St. Louis, Mo.**—Two two-story dwells., s s Washington St., bet. Lake St. & King's Highway; \$10,000; o., John F. Clark & Son.  
**Two-story dwell.**, n s Lafayette St., bet. Missouri & Jefferson Sts.; \$13,000; o., Aug. Nasse.  
**Two-story dwell.**, s s Maryland St., nr. Euclid St.; \$6,000; o., Mrs. M. Ross.  
**Two-story dwell.**, w s Grand St., bet. St. Louis & Cottage Sts.; \$42,000; o., W. Grafeman.  
**Six two-story dwells.**, n s Laclede St., bet. Newstead & Taylor Sts.; \$21,000; o., Chas. A. Hills.  
**Taunton, Mass.**—Winthrop St., 2½-story fr. dwell., 31' x 50', pitch roof, comb. heat; \$5,000; o., O. C. Lane; a., Nath. C. Smith & C. M. Baker, New Bedford; not let.  
**Tyrone, Pa.**—Blair Ave., cor. 12th St., two-story dwell.; \$8,000; o., Frank Albright; a., Beezer Bros., Altoona; not let.  
**Washington, D. C.**—California Ave., Washington Heights, three-story & base, bk. dwell., 23' x 52', mansard roof, hot water; \$6,000; o., F. V. Coville; b., F. H. Knight.  
**Fourth St., S. E.**, bet. C & D Sts., three-story bk. dwell., 21' x 50'; \$5,000; o. & b., J. M. Stockett.  
**Watertown, Mass.**—Marshall St., 2½-story fr. dwell., 30' x 40', shingle roof, hot air; \$3,000; o., Mrs. Elizabeth Chase, Chestnut St.; b., Wilson & Hutchins; a., C. W. Bixby.  
**Winthrop, Mass.**—Lincoln St., two-story fr. dwell., 32' x 48', pitch roof, furnace; \$5,000; o. & b., J. P. Margeson, Tremont St.  
**Herman and Lincoln Sts.**, two-story fr. dwell., 30' x 57', flat roof, furnace; \$5,000; o. & b., T. W. Sheffield, 45 Pleasant St.  
**Worcester, Mass.**—Trowbridge Road, two-story fr. dwell., 35' x 33'; \$5,000; o., N. S. Liscumb; a., L. W. Briggs; o., C. A. Colburn.  
**Yonkers, N. Y.**—Woodworth Ave., nr. Babcock Pl., three-story fr. dwell., 33' x 60'; \$5,000; a., A. J. Suetendale, 39 N. Broadway.  
**Ravine Ave.**, No. 79, three-story fr. dwell., 24' x 50'; \$5,000; o., Patrick Whelan.

## MERCANTILE BUILDINGS.

**Brooklyn, N. Y.**—Manhattan Ave., nr. India St., four-story bk. & st. store & loft, 50' x 80'; \$10,000; o., Randall & Miller, 16 Bedford Ave.; a., P. Tilton, 209 Manhattan Ave.  
**Malden, Mass.**—Pleasant St. and Linden Ave., four-story bk. block, 80' x 100', flat roof, steam; \$45,000; o., Harrington Bros., Pleasant St.; a., Tristram Griffin, Boston; not let.  
**New York, N. Y.**—Fourth Ave., nr. 9th St., eight-story bk. store & loft, 25' x 161'; \$145,000; o., John R. Todd, 210 W. 85th St.; a., Neville & Bagge.  
**Pittsfield, Mass.**—Four-story bk. block, 42' x 70'; comp. roof, steam; \$20,000; o., Robbins & Gamwell; a., H. Neill Wilson; day-work.

## OFFICE-BUILDINGS.

**New York, N. Y.**—Broadway, Nos. 35-39, fifteen-story bk. & st. office building; o., Augustus Hemenway Estate, 35 Broadway; a., Clinton & Russell, 32 Nassau St.

## STABLES.

**Altoona, Pa.**—Stable; \$1,500; o., E. H. Flick; a., Beezer Bros.; not let.  
**Brooklyn, N. Y.**—Freeman St., three-story bk. stable, 25' x 100'; \$7,000; o. & b., F. H. Lewis; a., J. M. Baker, Long Island City.  
**Chicago, Ill.**—La Salle St., No. 2339, two-story bk. barn; \$5,000; o., Ublich Orphan Asylum.  
**Lynn, Mass.**—Market St., two-story bk. stable, 40' x 42', flat roof; \$5,000; o., P. B. Motirane, Market St.; b., E. D. Dearborn; a., H. W. Rogers.  
**New Bedford, Mass.**—State St., two-story fr. stable, 60' x 80', shingle roof, steam; \$1,000; o., David Warren, Fall River; a., Samuel C. Hunt; not let.  
**New York, N. Y.**—W. Seventeenth St., Nos. 221-225, six-story bk. & st. stable; \$60,000; o. & b., John Glass, Jr., 426 W. 23d St., Siegel-Cooper & Co., lessees; a., G. A. Schellenger, 128 Broadway.

## BUILDING INTELLIGENCE.

(Stables Continued.)

**Twenty-fourth St.**, nr. 1st Ave., five-story bk. & st. stable, 25' x 94' 9"; \$18,000; o., Max F. Boehm, 5 E. 80th St.; a., Edward Wenz, 1491 Third Ave.  
**Seventy-seventh St.**, nr. Park Ave., three-story bk. stable, 25' x 100'; o., Charles F. Dietrich; b., W. W. & T. M. Hall, 503 Fifth Ave.  
**Nineteenth St. and Eleventh Ave.**, two-story bk. stable, 30' x 40'; o., T. G. Patterson; b., Ryan & McFerron, 106 E. 23d St.  
**Washington St.**, No. 104, four-story bk. stable; 23' x 8½'; \$8,000; o., Estate of Jane E. Edgar, on premises; a., W. Wheeler Smith.

**Oakhurst, N. J.**—Two-story fr. stable; \$4,500; o., T. T. Kinney, Newark.

**St. Louis, Mo.**—Stable, Vandeventer St., nr. Forest Park; \$5,000; o., R. Boettler.

**Two-story stable**, w s Callinskrout St., bet. 21st & Florissant Sts.; \$12,000; o., St. Louis Brew. Co.

**Winthrop, Mass.**—Somerset Ave., 1½-story fr. stable, 23' x 33', pitch roof; \$600; o., I. A. Whorf; b., S. A. Johnson.

## STORES.

**Cincinnati, O.**—Fourth St., cor. Race St., five-story st. store-building; \$25,000; o., Eckstein Estate & E. H. Pendleton; c., James Griffith & Sons; a., Saml. Hannaford & Sons.

**New York, N. Y.**—E. Twenty-first St., Nos. 30-32, eight-story bk. store & loft, 50' x 82'; \$160,000; o., John F. Scannell, 69 Liberty St.; a., Ralph S. Townsend.

**South Manchester, Conn.**—Three-story fr. building for 2 stores, dwell. & club-room, 43' x 47', slate roof, hot water; \$15,000.

## TENEMENT-HOUSES.

**Brooklyn, N. Y.**—Halsey St., nr. Reid Ave., 3 four-story bk. tenements, 20' x 45'; \$25,000; o., Wm. Amburger, 836 Broadway; a., Hugo Smith.

**New York, N. Y.**—Washington Ave., cor. 166th St., 2 five-story bk. flats, 25' x 84' & 27' x 89'; \$15,000 & \$18,000; o., Charles A. Morotzki, 47 New Bowery.

**Sullivan St.**, Nos. 131-33, & Prince St., Nos. 183-5, five-story bk. tenement & stores, 50' x 90'; \$40,000; o., Mary E. Gregory, 59 W. 47th St.; a., Stephenson & Greene.

## WAREHOUSES.

**Brooklyn, N. Y.**—Livingston St., nr. Smith St., four-story bk. warehouse, 60' x 201'; \$55,000; o., Abraham & Straus, 430 Fulton St.; a., Geo. L. Morse.  
**River St.**, rear, nr. 3d St., four-story bk. warehouse 43' x 71'; \$30,000; o. & b., American Coffee Co., 117 Wall St., New York City.

**Chicago, Ill.**—Van Buren and Market Sts., eight-story & base, st. bk. & terra-cotta block for clothing warehouse, steel construction, 80' x 90' x 136' x 177', flat roof, steam; \$200,000; o., Chicago Real Estate Trustees, Owen F. Aldis, representative, 230 Mononock Building; b., W. A. & A. E. Wells, 701 Chamber of Commerce; a., Holabird & Roche.

**Jewett City, Conn.**—Three-story bk. storage warehouse, 50' x 114', comp. roof; \$10,000; o., Aspinlock Bleaching Co.; a., C. H. Preston, Norwich.

**New York, N. Y.**—Great Jones St., No. 7, eight-story fireproof bk. & st. store & loft building, 25' x 100'; \$100,000; o., L. R. Treu, 114 W. 34th St.; a., Louis Korn, 37 Maiden Lane.

**University Pl.**, cor. 10th St., eight-story bk. & st. stores & lofts, 27' x 100'; \$90,000; o., L. R. Treu, 114 W. 34th St.; a., W. J. Dillthey, 1 Union Sq.

**Wooster St.**, Nos. 175-177, seven-story bk. & st. store and loft building, 50' x 100'; o., Wm. Allen Butler, Agate St. & George K. Davis, 54 Wall St., Trustees; a., C. L. W. Eldlitz, 1123 Broadway.

**McDougal St.**, No. 103, seven-story bk. & st. stores & lofts, 23' x 135'; o., John Kirby, 53 W. 24th St.; a., F. C. Zobel, 53 W. 24th St.

## MISCELLANEOUS.

**Brooklyn, N. Y.**—Flatbush St., bk. & st. almshouse; 15,000; o., Department of Charities & Correction, 29 Elm Pl.; a., Mercien Thomas, 16 Court St.

**New Bedford, Mass.**—Weld St., one-story bk. car-house, 127' x 200', gravel & tin roof; \$20,000; o., Union St. R. R.; b., Z. B. Davis; a., C. Hammond & Son.

**West End**, 2½-story bk. police-station, 50' x 70', slate roof, steam, \$21,000; o., City; a., Robert H. Slack; not let.

**Philadelphia, Pa.**—Forty-eighth St. and Woodland Ave., three-story bk. building for Home for Incurables, 43' x 135'; \$50,000; a., J. C. M. Shirk; b., J. E. & A. L. Pennock.

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# THE AMERICAN ARCHITECT

## AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 182.

SATURDAY, AUGUST 7, 1897.

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No. 1128.

### ELECTRIC POWER.

FROM the Fifth Annual Report of the General Electric Company, Schenectady, N. Y., we make the following extract:

"From the organization of the Company to January 31, 1897, we have received orders for 149,000 horse-power of multiphase power transmission apparatus, an average of about 30,000 horse-power per year. Our orders for the fiscal year 1896 amounted to 78,200 horse-power. These figures include transformers as well as generators and motors.

"During the past year the underground open-slot conduits in Washington and New York have been subjected to very severe tests from winter storms, summer floods and heavy traffic, and have worked to the entire satisfaction of the officials of the operating companies. The equipment of the F. Street line of the Metropolitan Street Railway Company in Washington was completed during the year and this entire railway system is now operated solely with the underground conduit. An important contract has recently been executed with the Metropolitan Traction Company of New York for the equipment of several of their principal lines with the conduit system.

"The past year has also been one of important developments in heavy traction work. The electrically equipped cars on the New York and Brooklyn Bridge have been put in operation with complete success, and the additional year's record of the ninety-six ton locomotives in the Baltimore & Ohio tunnel, under the City of Baltimore, has given increased confidence to the steam railway officials who look to the use of electricity to aid them in solving similar problems.

"The Nantasket Beach equipment has now been in successful operation for two years. This line is a branch of the New York, New Haven & Hartford R. R., seven miles long, all double track. The cars are operated from an overhead trolley-wire suspended from posts placed between the tracks. The motor cars are equipped with GE-2,000 motors, and the trains weigh sixty-two (62) tons when empty and seventy-seven (77) tons when loaded. During the past year 3.56 miles of additional line, all double track, were equipped with the third-rail system. This is an extension of the Nantasket Beach line to East Weymouth. The whole is now operated as one line, ten and one-half miles in length. The regular schedule calls for an average speed of eighteen (18) miles per hour, including fourteen (14) stops. The maximum speed during this service is forty (40) miles per hour. An actual measured speed of seventy (70) miles per hour has been attained.

"The Berlin-Hartford-New Britain line (N. Y., N. H. & H. R. R.) has been equipped with the third rail during the past year. This line is about twelve (12) miles long and will probably be opened to traffic at an early date.

"The officials of the N. Y., N. H. & H. R. R. are so satisfied with the efficient and economical results of electric traction that they now have in contemplation the application of electric power to several other branch lines of their system.

"The applications of electricity in the chemical arts have continued to increase during the past year. Such applications include not only the use of the electric current as a direct agent for the production of chemical changes, but to a much greater degree the use of electric power in place of steam or direct water-power. Chemical works require comparatively little labor and comparatively large amounts of power, and the labor problem is thus subordinated to the demand for cheap power which is greatly to the advantage of electrical power enterprises, of which the Niagara Falls Co. may be taken as the type. Such works require not only electrical generating apparatus at the source of power but also transforming apparatus on the line, receiving and converting apparatus at the substations and operating apparatus at the factories, all of which greatly exceeds the generating apparatus in horse-power capacity. This branch of our business has shown a gratifying increase during the year.

"The general business depression which prevailed in the United States during the past year—particularly the last half of the year—prevented the development and completion of many enterprises which were under consideration. Competition has been and continues to be most severe, making it difficult to maintain prices which yield even the present unsatisfactory profits. The efficient work of our Department and Local Office Managers in this connection deserves commendation."

### THE REQUISITES OF A PERFECT PROTECTIVE PAINT.

THE statements made by manufacturers of red-lead and other paints, that more red-lead and iron paints are used than graphite paint, is quite true, for, comparatively speaking, Dixon's Silica-Graphite Paint has been but a short time in the market. Now all well-equipped railroads use steel rails, although at one time it could have been safely stated that 99 per cent of the roads used iron rails. It is the same with protective paints. Red-lead was undoubtedly the best protective paint

obtainable some years ago. Red-lead has many advantages, but more disadvantages. Painters are giving up its use slowly. In the beginning they add 5 or 10 per cent of graphite or lamp-black. Then a greater percentage goes in, and finally it is dropped entirely for Dixon's Silica-Graphite Paint.

As an evidence of the great dissatisfaction with all-lead and other paints, we refer our readers to the convention held at Saratoga, June, 1896, when it was resolved "that the Master Car and Locomotive Painters' Association be requested to investigate the subject of protective paints for metal framing of car bodies and trucks."

It was stated that many minds had been at work for years trying to devise some perfect protective paint for iron and steel, and that the problem presented is a difficult one to solve. The following requirements were named, and we will show how well Dixon's Silica-Graphite fulfils them:

"1. Cheap in price."

We believe the paint that for the longest time will put off the necessity of repainting is, in the nature of things, the cheapest to use, for the cost of labor in painting and repainting is several times the cost of the material. Roofs and ironwork painted with Dixon's Silica-Graphite Paint have not required repainting in ten to fifteen years, and longer.

"2. Not capable of forming an oxide with iron and steel."

Silica-graphite is absolutely inert. It does not affect the oil or the metal in any way, and is not affected in any way by either the oil or the metal, and can form no oxide. It is an ideal pigment.

"3. Must be capable of being ground very fine."

Graphite is always used by electrotypers in making electrotypes, and they would not be able to use it if graphite could not be ground to an impalpable powder. It is ground so fine that hundreds of pounds float out of the Dixon factory windows every year.

"4. Must mix perfectly with the vehicles ordinarily used in making paint."

Dry graphite will not readily mix with oil. To make a perfect graphite paint, the graphite should be ground in oil. When this is done, the paste will readily mix with any of the paint vehicles.

"5. Must resist great extremes of heat and cold without cracking, blistering, or peeling."

That silica-graphite will successfully withstand heat or cold is evidenced from the fact that crucibles for melting steel, brass and other metals are made of silica-graphite. Silica-graphite, when properly applied to

# CABOT'S BRICK PRESERVATIVE

## FOR WATERPROOFING BRICKWORK.

An indestructible compound which enters and seals the pores of the bricks, rendering them completely and permanently waterproof. One coat is equal to three of linseed oil; its covering capacity is much greater, and while oil requires frequent renewal, Brick Preservative is practically everlasting.

Circular and tile for testing sent on application.

**SAMUEL CABOT, Sole Manufacturer,**

70 KILBY STREET, BOSTON, MASS.

*Agents at all Central Points.*

metal surfaces, will adhere more closely than any other known material, and as it is not affected by heat or cold, or anything else, will not swell, change, peel, or blister.

"6. Must have no destructive chemical effect on the oils and Japan used in paint."

As stated above, graphite is absolutely inert. It is one of the forms of carbon, same as the diamond or charcoal. Silica-graphite has no chemical action whatsoever on oils, Japans, or varnishes. The finely powdered particles of silica-graphite are firmly cemented together by the paint vehicles, forming an enduring coating of marvellous flexibility and elasticity.

"7. Must have good covering qualities."

Silica-graphite has about three times greater bulk than white-lead, and about four times greater bulk than red-lead. It, therefore, has a correspondingly greater covering power.

Furthermore, as it has been demonstrated beyond question that the bad experiences with red-lead coatings, as well as with other coatings, are due to the destroying action of the heat of the sun's rays, it results that the pigment having the least specific weight is the most durable under that great destructive agent — heat.

"8. Must not settle to any great extent after mixing."

The low specific weight of graphite, as shown above, prevents rapid settling. It will not fully settle for several months.

"9. Must resist action of the weather."

Silica-graphite has under all conditions no limit to its durability. It can only be destroyed by influences that destroy the binding material. This statement is made by chemists and scientific experts, and has been demonstrated by those who have used Dixon's Silica-Graphite Paint.

"10. Must be elastic when dry."

Dixon's Silica-Graphite is peculiarly elastic and flexible. First, because of its low specific weight. Second, because the graphite preserves its flake formation even in the finest grinding, and the minute flakes when well spread by the brush of the painter form a fish-scale-like coating that is highly flexible and elastic.

"11. Must dry readily."

Dixon's Silica-Graphite, while smooth and slippery, and apparently oily to the touch, is absolutely free of any oil or grease. In this respect it differs entirely from lamp-black and similar products. Hence it does not in any way interfere with the natural drying of the oil. Neither does it interfere with the action of any of the driers that may be used when wanted. Dixon's Silica-Graphite is an ideal pigment for the most enduring paint known for structural work of all kinds.

"12. Must have affinity for adhering to iron and steel."

If any one will take a small quantity of powdered graphite and rub it on iron and steel, he will find that he can remove it only with the aid of a file. It can not be brushed or rubbed off without the aid of sandpaper or a file, and it will resist the action of acids that would at once attack and destroy the iron or steel were it not for the presence of the graphite.

Graphite possesses greater affinity for iron and steel than any known pigment.

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

### WORLD-WIDE APPRECIATION.

AMERICAN architects and builders are not alone in their appreciation of the merits of

Cabot's Creosote Shingle Stains. Although shingled buildings are rare in other countries, these Stains have made their way all over the world, for use on all kinds of rough woodwork. Dwellers in the tropics are quick to realize the peculiar value of the Creosote to them as a preventive of the destruction of wood by decay or insects, and their use in these sections is constantly increasing. Orders have been recently received for shipment to Ireland, Honolulu, Australia, the Canary Islands and New Zealand. In Australasia, shingles are used a good deal, and agents in that section report prospects for a large trade.

### NOTES.

THE CORCORAN ART-GALLERY,  
WASHINGTON, D. C., July 31, 1897.

THE firm of I. P. Frink, New York, has furnished and put up all the Electric and Gas-lighting Fixtures in this building, and it affords me pleasure to state that the lighting of all the rooms, and particularly the picture-galleries, by their system of reflectors, has given entire satisfaction.

F. S. BARBARIN, *Curator.*

WE desire to call attention to some contracts we are now working on in the way of ornamental ironwork. Notable amongst them are a very handsome elevator-enclosure for the new depot of the Gulf, Colorado & Santa Fe Railroad, at Galveston, heavy wrought-iron grilles for the new Government building at Meridian, Miss., wrought-iron fences for the new Union Depot of St. Joseph, Mo., and the elevator-enclosure for the Southern Hotel of St. Louis, which is being entirely remodelled. This enclosure, which is a double one, comprises the six stories of that building. The



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## Not a Screen, But the Screen!

The question is not so much whether you are going to  
screen the house, as it is what screen you will use.

## Higgin Metal Frame Screens

do not shrink, swell nor warp. They are neither as large  
nor as clumsy as wooden frame Screens. That they  
are strong, durable and of the best material, goes with-  
out saying. Write for illustrated pamphlet and prices.

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[Material furnished f. o. b., rough or dressed.]

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LAWRENCE & WIGGIN,  
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SPURR & CO., CHAS. W.,  
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### WALNUT.

CUMMINGS BROS.,  
Houston, Tex.  
LESH, PROUTY & ABBOTT CO.,  
East Chicago, Ind.

character of this enclosure is of heavy cast  
work, as well as handsome ornamental grilles  
and hammered leaf work, hand forged. The  
finish is to be in oxidized copper, and when  
finished it will be one of the ornaments of our  
city.

LUDLOW-SAYLOR WIRE CO.  
ST. LOUIS, MO.

## BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

### ALTERATIONS AND ADDITIONS.

Chelsea, Mass.—Hawthorne and Park Sts., two-st'y  
addition, 34' x 41', to pumping station, slate roof;  
\$6,000; o. City; b. T. G. Kelly, Lynn; a. W. W.  
Lummus, Boston.  
Lawrence, Mass.—Haverhill St., two-st'y bk. & st.  
addition to the Augustinian Father's House, 36' x  
57', flat roof, steam; \$25,000; o. St. Joseph's Hospital,  
Essex St.; not let.  
Providence, R. I.—Broad St., two-st'y bk. addition  
to hospital, 60' x 80', for the cuisine department,  
comp. roof, steam; \$25,000; o. St. Joseph's Hospital,  
b. Wm. Gilbane & Bro.; a. Schickel & Dittmars;

### BUILDING INTELLIGENCE.

(Alterations and Additions Continued.)

New York City; supervising architects, W. R.  
Walker & Son.

### APARTMENT-HOUSES.

Chicago, Ill.—Rhodes Ave., Nos. 3130-32, 2 three-st'y  
bk. & st. flats, 20' x 60'; \$18,000; o. Jos. Cormack.  
W. Lake and Robey Sts., three-st'y bk. & st. store  
& flats, 32' x 100'; \$25,000; o. H. Peterson.  
Fiftieth St., Nos. 44-46, three-st'y bk. & st. flats,  
40' x 71'; \$25,000; o. Mrs. J. B. Winterbotham.  
Belden Ave., No. 451, three-st'y bk. & st. flats, 24'  
x 94'; \$10,000; o. H. J. Eaton.

Holyoke, Mass.—Appleton St., four-st'y bk., 12-flat  
building, 65' x 90', comp. roof, furnace; \$25,000; o.  
H. W. Cooley; a. G. P. B. Alderman; not let.

Bridge St., four-st'y bk. flats, 35' x 72', comp.  
roof, furnace; \$14,000; o. T. F. Greaney; a. G. P.  
B. Alderman.

Lewiston, Me.—Three-st'y bk. four-st'y bk., 50' x  
70', comp. roof, steam; \$15,000; o. J. L. Hayes &  
Co.; a. A. Coburn & Son; not let.

New York, N. Y.—One Hundred and Fourth St., nr.  
Columbus Ave., six-st'y & base. bk. flats, 34' 6" x  
88'; \$60,000; o. & b. Lawrence Buckley, 216 W.  
125th St.; a. Charles Steinmetz.

Avenue D, No. 1552, five-st'y & base. store & flats,  
28' x 62'; \$25,000; o. L. & S. Michelson; a. Samuel  
Case, 25 Chambers St.  
Washington Ave., cor. 166th St., 2 five-st'y bk.

### BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

flats, 27' x 89'; \$33,000; o. Carl A. Morotski, 108 E.  
120th St.

### HOUSES.

Burlington, Vt.—Willard St., two-st'y bk. & st.  
dwelling, 40' x 60', slate roof, comb. heat; \$15,000; o.  
C. P. Smith; b. J. S. Morgan; a. W. R. B. Wilcox.  
College St., three-st'y fr. dwelling, 47' x 55', flat  
roof, hot air; \$8,000; o. & b. Z. T. Austin.  
Union St., 2½-st'y fr. dwelling, 30' x 52', slate roof,  
hot air; \$5,400. o. Charles Wetherby; b. F. H.  
Parker; a. Charles W. Buckham.

Chicago, Ill.—Woodlawn Ave., No. 5132, three-st'y  
bk. & st. dwelling, 26' x 98'; \$15,000; o. Isadore  
Heller.

Woodlawn Ave., No. 5753, two-st'y & base. st. &  
bk. dwelling, 23' x 67'; \$12,000; o. C. L. Hunter.

Butler St., Nos. 6552-54, 2 two-st'y bk. dwellings, 19½'  
x 61'; \$13,000; o. W. S. Smith.

N. State St., No. 598, three-st'y & base. bk., st. &  
terra-cotta dwelling, 30' x 100', hot water; \$20,000; o.  
L. W. Bodman; a. Fritz Folts.

Douglas Boulevard and Homan Ave., three-st'y  
bk. dwelling; \$7,500; o. John Mullen; a. Burtar &  
Gassman, 1081 W. 12th St.

Lexington Ave., Nos. 6039-43, 2 two-st'y bk. & st.  
dwellings, 18' x 57'; \$12,000; o. W. H. Stewart, 1501  
Unity Building; a. J. C. Llewellyn.

Lynn, Mass.—Newhall St., two-st'y fr. dwelling, 30' x  
40', slate roof, furnace; \$7,000; o. S. B. Howe, 64  
Oxford St.; a. H. W. Rogers, Union St.



# 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.*

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| BLUESTONE.                  |  | GREEN LAKE GRANITE CO.,          |  | MARBLE.                      |  | VERDE ANTIQUE MARBLE CO., |  |
|-----------------------------|--|----------------------------------|--|------------------------------|--|---------------------------|--|
| BIRD & SON, JAS.,           |  | 1004 Tacoma Bldg.,               |  | AVONDALE MARBLE CO.,         |  | 100 Washington St.,       |  |
| Tarrytown, N. Y.            |  | Chicago, Ill.                    |  | Avondale, Pa.                |  | Chicago, Ill.             |  |
| BOICE & HEWITT,             |  | JONESBORO GRANITE CO.,           |  | BAGLEY & CO., FREDERICK P.   |  | WESTFIELD MARBLE &        |  |
| Rondout, N. Y.              |  | Jonesboro, Me.                   |  | Chicago, Ill.                |  | SANDSTONE CO.,            |  |
| CLARK BLUESTONE CO., F. G., |  | LEXINGTON BLUE GRANITE CO.,      |  | BEAVER DAM MARBLE CO.,       |  | Westfield, Mass.          |  |
| Oxford, N. Y.               |  | Exchange Pl., Atlanta, Ga.       |  | 704 Constitution St.,        |  |                           |  |
| OLEAN BLUESTONE CO.,        |  | MAINE & N. H. GRANITE CO.,       |  | Baltimore, Md.               |  |                           |  |
| Olean, N. Y.                |  | Portland, Me.                    |  | BRANDON ITALIAN MARBLE CO.,  |  |                           |  |
|                             |  | MASON, N. H. GRANITE CO.,        |  | Brandon, Vt.                 |  |                           |  |
|                             |  | Mason, N. H.                     |  | BLUE RIDGE MARBLE CO.,       |  |                           |  |
|                             |  | MICHIGAN STONE & SUPPLY CO.,     |  | Nelson, Ga.                  |  |                           |  |
|                             |  | 40 West Fort St., Detroit, Mich. |  | CARTHAGE MARBLE & STONE CO., |  |                           |  |
|                             |  | MILFORD PINK GRANITE CO.,        |  | Carthage, Mo.                |  |                           |  |
|                             |  | 166 Devonshire St.,              |  | GOVERNEUR MARBLE CO.,        |  |                           |  |
|                             |  | Boston, Mass.                    |  | Gouverneur, N. Y.            |  |                           |  |
|                             |  | MILLSTONE GRANITE QUARRIES,      |  | DAVIDSON MARBLE CO.,         |  |                           |  |
|                             |  | Millstone, Conn.                 |  | Gouverneur, N. Y.            |  |                           |  |
|                             |  | MINNEHAHA GRANITE CO.,           |  | DORSET MOUNTAIN MARBLE CO.,  |  |                           |  |
|                             |  | 86 La Salle St., Chicago, Ill.   |  | East Dorset, Vt.             |  |                           |  |
|                             |  | RIDGEFIELD GRANITE CO.,          |  | EMPIRE MARBLE CO.,           |  |                           |  |
|                             |  | 151 Fulton St., New York, N. Y.  |  | Gouverneur, N. Y.            |  |                           |  |
|                             |  | ROCKPORT GRANITE CO.,            |  | FREMONT MARBLE CO.,          |  |                           |  |
|                             |  | 31 State St., Boston, Mass.      |  | Denver, Col.                 |  |                           |  |
|                             |  | SMITH GRANITE CO.,               |  | FT. SMITH MARBLE CO.,        |  |                           |  |
|                             |  | Westerly, R. I.                  |  | Fort Smith, Ark.             |  |                           |  |
|                             |  | STONY CREEK RED GRANITE CO.,     |  | GRAY & SONS, WM.,            |  |                           |  |
|                             |  | Stony Creek, Conn.               |  | Lee, Mass.                   |  |                           |  |
|                             |  | WARWICK, N. Y., GRANITE CO.,     |  | INDIANOLA MARBLE CO.,        |  |                           |  |
|                             |  | 45 Broadway, New York, N. Y.     |  | Fort Smith, Ark.             |  |                           |  |
|                             |  | WHITE GRANITE CO.,               |  | NEW YORK QUARRY CO.,         |  |                           |  |
|                             |  | Niantic, Conn.                   |  | Tuckahoe, N. Y.              |  |                           |  |
|                             |  |                                  |  | PIEDMONT MARBLE CO.,         |  |                           |  |
|                             |  |                                  |  | Marble Hill, Ga.             |  |                           |  |
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|                             |  |                                  |  | SOUTHERN MARBLE CO.,         |  |                           |  |
|                             |  |                                  |  | 107 Jackson St.,             |  |                           |  |
|                             |  |                                  |  | Atlanta, Ga.                 |  |                           |  |
|                             |  |                                  |  | TRUE BLUE MARBLE CO.,        |  |                           |  |
|                             |  |                                  |  | Rutland, Vt.                 |  |                           |  |
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# THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 183.

SATURDAY, SEPTEMBER 4, 1897.

VOLUME LVII.  
No. 1132.

## "TAYLOR OLD STYLE" ROOFING TIN.

THE attention of our readers is called in the present issue to the advertisement of the old house of N. & G. Taylor Co., Philadelphia, manufacturers of tinplate, and sole manufacturers of the celebrated "Taylor Old Style" brand of roofing tin. The present advertisement dwells particularly upon a contract which they lately secured. The United States Government, in this instance, invited proposals and samples from all the prominent manufacturers of roofing plates, and selected the "Taylor Old Style" brand over all competitors for covering the White House, or Executive Mansion, at Washington, D. C. Our readers are also advised that this brand also covers old Independence Hall, in Philadelphia, in fact, covers many well known prominent buildings erected in the United States.

Our readers should know that this is the original of all extra-coated or hand-dipped plates now on the market, and it is the only roofing tin that has the name of the firm stamped upon it for the purpose of warranting it. Messrs. N. & G. Taylor Co. originated the idea, and were the first to stamp sheets of tin with the name of the brand and the thickness, the "Taylor Old Style" brand being the first brand to be so stamped.

The "Taylor Old Style" brand is made exactly as roofing plates were made in 1830, and then sold by N. & G. Taylor Co., and they can point to roofs in the old parts of Philadelphia that are just as good to-day as when first put on, nearly seventy years ago. Wear and durability are the claims made for this plate by this firm. Every sheet of this tin is hand-dipped, and made without the use of rolls or machinery. The coating is not squeezed off, as by the modern method. It is also made by the Palm Oil process, — no acid flux is used. It may be of interest to our readers to know that it takes twenty-five minutes to make a single sheet of this roofing-tin, made as it is by the old-fashioned process. Eight persons are employed to make this single sheet, whereas in the modern way of making roofing-tin acid flux is used in place of palm oil, rolls and machinery are employed to squeeze off the metal coating, and it takes a man and a boy just eight seconds to make a single sheet.

Further particulars as to the merits of this brand, and also samples and prices, can be obtained by our readers corresponding with  
MESSRS. N. & G. TAYLOR CO.,  
PHILADELPHIA, PA.

## A WHITE-METAL BELL-TRAP.

THIS trap is based on the "S" form with a Sinking Ball Valve. It has a water seal and a large water way. The ball seal is perfect in the absence of water, and is, therefore, preferable to a floating ball seal or water seal only. It is the only trap fit for rooms occasionally unoccupied, as all the traps are liable to lose their water-seal in such cases. The cover is readily removed and the inside easily reached. The trap is made of lead, except the dome and the cover, which are hard white bell-metal heavily threaded. The ball used in the trap is made of non-corroding metal, and being perfectly smooth does not accumulate filth. This trap has been much improved and is now practically Anti-Syphon.

F. E. CUDELL,  
WEST CLEVELAND, O.

## HOW TO FINISH NATURAL WOOD AND WHITE ENAMEL WORK.

THE object of this tract is to give the architect in as concise a form as possible the result of our investigation and experience in the treatment and finish of the different kinds of natural woods.

We have endeavored to describe the best treatment for both interior and exterior finish. If the processes described are followed, we are sure the result will be pleasing to both architect and owner.

We manufacture a complete line of products for finishing natural and enamelled woods which are ample for every case that may arise. These products are:

Paste-fillers — made in three colors — light, medium and dark.

Liquid-fillers — made in three qualities — extra pale liquid filler, pale liquid filler and liquid filler.

Cypress-sealer — a priming or first coat, especially intended for cypress wood.

Shellacs — both white and brown.

Transparent wood finish, interior — a high class varnish for finishing interior woodwork.

Transparent floor varnish — a high class varnish for finishing floors.

Decorators' varnishes — an assortment consisting of the highest grades of fine varnishes, for use on particularly fine work and designated by the names of the woods on which they are to be used, as finest pale maple, finest pale mahogany, etc.

White enamel finish — for white enamel work.

Transparent wood finish, exterior — a high grade varnish for outside work.

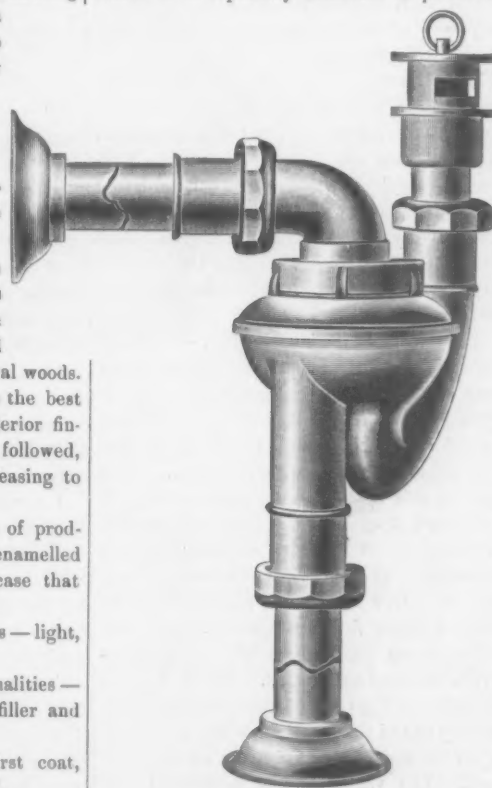
Marine varnish, interior — intended for use on the interior woodwork of vessels of all kinds. It is similar in character to our Marine varnish, exterior, but somewhat quicker drying.

Marine varnish, exterior — a high grade varnish for exposed work on vessels — made especially to withstand salt water.

## CLASSIFICATION OF WOODS.

For finishing, natural woods may be divided into four general classes:

1. Woods of close grain and light color where it is especially desirable to preserve



Cudell's White Bell Metal Ball Trap, S, No. 20.

the whiteness and freshness of the wood as far as possible. This class includes maple, holly, white pine, sycamore, white wood birch, and yellow pine.

2. Woods of close grain, which are either red or dark in color and which are improved in richness by age, as the natural color of the wood becomes darker. Included in this class are cherry, redwood, cedar, cypress and gumwood.

3. Woods of open grain, which are also light in color and which appear to best advantage by having the color preserved as far



as possible. Such woods are white oak, ash, white mahogany, etc.

4. Woods of open grain which grow darker and richer by age and which, therefore, do not need to have the original color of the wood preserved. This class includes rosewood, mahogany, walnut, dark oak, etc.

*Treatment for the First Class.*—First give the wood a thin coat of white shellac; when dry, sandpaper lightly and apply three coats of our Transparent Wood Finish, Interior, at intervals of two days, on all woods except maple and holly. The first and second coats should be rubbed lightly before applying the final coat, either with steel wool, curled hair, or some similar material. The final coat can either be left in the gloss, or in three days' time can be rubbed with pumice and water to a dead finish, and if desired, can be afterwards polished. On maple and holly, use three coats finest pale maple varnish, over white shellac, and allow three days for each coat to dry.

The use of white shellac as a primer and filler on this class of woods is imperative if the whiteness of the finish is to be retained. The oil contained in any liquid or paste filler, if applied directly to the raw wood, will saturate the fibres of the wood, and in a short time cause it to turn quite yellow. The shellac, on the other hand, prevents the varnish reaching the fibres of the wood, and its whiteness can be maintained for a long time.

*Treatment for the Second Class.*—First give a coat either of white shellac or extra pale liquid filler, as preferred, on all woods except cypress; when dry, sandpaper lightly, and follow with three coats of Transparent Wood Finish, Interior, at intervals of two days, giving each coat a light rubbing with steel wool or curled hair before applying the next coat. The final coat can be either left in the gloss or three days after application can be flatted with pumice and water or polished, as desired. To properly finish cypress, first give a coat of our Cypress Sealer. Allow two days to dry, sandpaper lightly and follow with varnish as above.

*Treatment for the Third Class.*—First apply a coat of light paste-filler, thinned down with turpentine to proper consistency to spread with a brush. Rub off with a cloth or excelsior in from fifteen to thirty minutes, and allow twenty-four hours to dry. Then apply a thin coat of shellac, except in bathrooms and in work that is especially exposed to the action of water or weather; in such cases omit the shellac. After the shellac is dry, sandpaper lightly, and follow with three coats of either finest pale maple, finest pale mahogany, or Transparent Wood Finish, Interior, as may be preferred. The first, being the palest, will give the lightest colored finish, but any one of these varnishes is pale enough to give a satisfactory finish for all ordinary work. The varnish is to be applied and treated in the same manner as described in the foregoing classes.

*Treatment for the Fourth Class.*—First apply a coat of paste-filler, which should be either light red or dark brown, according to the requirements of the wood on which it is used. Apply and treat this coat as described for woods of the third class. Follow with one coat of white shellac and three coats of Transparent Wood Finish, Interior, in the manner already described.

Should the highest finish be desired, to be left in the original gloss, it will be advisable to give four coats of varnish instead of three on any of the classes of woods above described.

In cases where economy necessitates a mod-

erate quality of finish, two coats of varnish can be used instead of three, in all the foregoing classes.

*Treatment for Floors.*—If the wood is of an open grain, first apply and rub off a coat of mineral paste-filler, properly thinned, giving twenty-four hours to dry. Follow this with two or three coats of transparent floor varnish, as the nature of the work may require, allowing each coat from thirty-six to forty-eight hours to dry. For a dead finish, allow three days for the last coat to harden, and then rub with pumice and crude oil.

*Treatment for Stained Work.*—To produce the best imitation of mahogany, cherry, or walnut, use whitewood, as it takes a stain best. Give the wood a coat of thin stain of desired color; follow with a coat of pale liquid-filler to match the color of the wood. Allow twenty-four hours to dry and dress lightly with fine sandpaper. Follow with three coats of Transparent Wood Finish, Interior, as previously described.

*Treatment of White or Tinted Enamel Work.*—First, give the wood a thin coat of white shellac, lightly sandpaper when dry, and follow with five or six coats of our white enamel finish, allowing each coat two days to harden; the last coat being rubbed down to a fine surface with either pumice-stone and water or rotten-stone and water. It may be left glossy if required. For tinted enamel work our White Enamel Finish can be colored to suit by using our fine Japan coach colors to produce either cream color, pink, blue, yellow or drab.

*Treatment of Outside Doors.*—First, give the woodwork a coat of paste mineral-filler or liquid-filler, according to the requirements of the wood, rubbing the former off after application and allowing the filler twenty-four hours to dry.

Follow with three or four coats of Transparent Wood Finish, Exterior, allowing each coat two or three days to dry, rubbing each coat lightly with steel wool or curled hair and flattening the last coat, if desired, in four days after application, with pumice and water. It is important to avoid the use of shellac on any exterior work.

*Treatment of Piazza Ceilings.*—This will be exactly the same as described for outside front doors except that three coats of varnish are sufficient for the best job.

*Cypress-Sealer.*—This article has been especially prepared to meet the exacting requirements of cypress, which does not behave well with the ordinary liquid-fillers or shellacs as a priming, and it entirely overcomes the difficulties found in finishing this wood. Varnish used over cypress-sealer will be at its best and will stand on this wood better than if used with any other priming in the market. The wood simply requires one coat of the cypress-sealer and can be followed with two, three or four coats of varnish, as occasion may require.

*A Word about Liquid-Fillers.*—It will be noted in reading the foregoing directions that we have given preference in most cases to shellac as a priming material for natural wood. Liquid-fillers are very useful as a priming on ordinary work, and for some woods where the richness of the grain is not of importance. All liquid-fillers, however, have a tendency to make the grain of the wood appear slightly cloudy and dull, and in time to turn the wood yellow, and they should therefore not be used where the highest finish and most brilliant effects are sought.

MURPHY VARNISH CO.,

NEWARK, N. J.

#### THE ADVERTISING AGENT.

MERCHANTS recognize the business of brokerage in the different kinds of merchandise as a legitimate and honorable calling. The broker or agent agrees to handle the goods of the principal or owner for a certain percentage of his sales, which is styled his commission. Transactions of this kind are generally very satisfactory to both parties, because there is no service recognized unless sales are actually made. The advertising agent occupies the same position to the newspaper as the broker does to his principal in mercantile transactions. The agent sells the advertising space of the publisher and receives a commission from the publisher of the newspaper for his services. The publisher is glad to pay this commission to the agent, because the agent, having a personal interest in the paper he represents, works harder and gets more business than any paid solicitor would for the paper. Then he is not to pay unless he does something.

Now what does he do for the customer who allows him to place his business for him? The very first thing he can do is to help the advertiser form a plan and map out his work. Next he can advise him as to how much space to use in order to cover most economically the field he has in view. Then he can recommend to him the mediums best suited to his particular needs, and name those which, from lack of circulation, character of readers or other causes, may be useless for his purpose. Next the agent can secure for him as low or a lower price than he can secure direct—not because he "stands in" with the publishers, but for the very good reason that he sends them more business than any single advertiser and deserves a price in proportion to the amount of space he buys. Nor is this all he does for his customer. He takes all the burden of detail work off his hand completely, bears the cost of correspondence and the thousand and one little incidentals, checks up the papers and sees that his customer has full space and full count, sees to changes of copy on time, and presents but one bill, which he is prepared to prove is correct, and sees to the paying of the hundreds of publications which his customer may use. The advertiser gets the benefit of his services entirely free of cost, while the publisher, who pays for his services, pays him only when he (the agent) gets him business.

THE PROCTER & COLLIER CO. ADVERTISING,  
CINCINNATI, O. AND CHICAGO, ILL.

#### REMOVAL.

WE take pleasure in announcing to our friends that we will occupy our new suite of offices, 1515 Marquette Building, on and after August 25, 1897.

We shall be prepared to execute large and small orders promptly and carefully, and shall be pleased to have a continuance of their patronage.

PIONEER FIREPROOF CONSTRUCTION CO.,  
CHICAGO, ILL.

#### NOTES.

THE ingenuity of advertisers is endless in variety, though many of the devices adopted are ill adapted to the securing of the advertisers' real aim.

Perhaps the most ingenious application of a device that has been used by others has been made by Samuel Cabot, of Boston, to show the range of color effects that can be obtained by using on the same building any two out of eight of his many tinted shingle-stains. Selecting as his subject one of Mr.



# Atlas PORTLAND CEMENT

Guaranteed to be  
Superior to any  
Imported Cement.

USED EXCLUSIVELY IN THE FOLLOWING  
NEW YORK BUILDINGS:

HAVEMEYER BUILDING,  
ST. PAUL,  
AMERICAN SURETY BUILDING,  
BANK OF COMMERCE,  
JOHNSTON and PRESBYTERIAN BUILDINGS.  
ALSO NEW YORK CENTRAL R. R. BRIDGE, OVER  
HARLEM RIVER.

Atlas Cement  
Company,

143 LIBERTY STREET,  
NEW YORK.

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International Correspondence Schools, The  
[Architects.]  
**TENNESSEE.**  
**Knoxville.**  
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Emerson's picturesque gate-lodges, he has printed in chromo-lithography four prints, giving to roofs and walls in each case a different tint. Then binding in a little pamphlet these four prints and cutting each print throughout on the line of the eaves of the building, an arrangement is secured which yields sixteen different combinations of color, by the simple process of bringing the upper portion of one print successively into juxtaposition with the lower portions of the remaining prints.

This divided pamphlet is not only an ingenious advertising device but it has a certain practical usefulness for architectural water-colorists.

WARREN WEBSTER & Co. report that they have recently closed contracts for the installation of the Webster System of Steam Heating in the following instances:

South Park Commissioners, Chicago, Ill.; Propagating Houses, Conservatory, Office Buildings, etc.; "The Home," Denver, Colo.; State University Buildings, Bloomington, Ind.; Capital Construction Co. Apartment, Washington, D. C.; Turkish Bath Depart-

ment, Southern Hotel, St. Louis, Mo.; Kahn's Sons & Co., Washington, D. C.; Gulf, Colorado & Santa Fé Ry. Co. Depot & Office Building, Galveston, Texas; Iowa State Hospital, Iowa City, Iowa; Bannigan Rubber Co., Providence, R. I.

WARREN WEBSTER & Co.'s New York Office, 322 Broadway, have secured a contract for changing the present Steam-heating System, in the New York Life Insurance Building, to the Webster System.

The above named building contains over five million cubic feet of space, and is one of the largest in the City of New York.

### BUILDING INTELLIGENCE.

Reported for the American Architect & Building News

#### HOUSES.

**Philadelphia, Pa.**—Owner & Builder Jas. Lilly has begun work on the erection of 15 two-sty' bk. porch-front dwells, each 15' x 29', on the s s Pearl St., w 55th St.  
**Broad and McKean Sts.**, three-sty' bk. & st. dwell., 20' x 180', pitch roof, hot water; \$20,000; o. James I. Irwin; a. E. F. Durang.  
**Providence, R. I.**—**Broad St.**, 24-sty' fr. dwell., 31' x 49', pitch roof, hot air; \$6,000; o. Dr. J. A. Buckston; b. C. T. Pullen; a. George W. Cady.  
**Linwood Ave.**, three-sty' fr. dwell., 28' x 50', comp. roof, hot air; \$5,000; o. Wm. A. Tierney; b. J. H. Cummings & Co.

### BUILDING INTELLIGENCE.

(Houses Continued.)

**Ridge St.**, 24-sty' fr. dwell., 30' x 48', shingle roof, hot air; \$5,000; o. John McCarron; a. Allen McDonald.  
**Waterman St.**, 24-sty' fr. dwell., 30' x 50', shingle roof, hot air; \$5,000; o. Edwin A. Smith; b. J. J. Bebeau & Son.  
**St. Louis, Mo.**—**Three-sty' dwell.**, s s Portland Pl., bet. Lake & King's Highway; \$20,000; o. Benj. W. Clark.  
**Two-sty' dwell.**, s s Pine St., bet. Taylor & Euclid Sts.; \$12,000; o. James Carpenter.  
**Four two-sty' dwells.**, e s Bacon St., nr. N. Market St.; \$8,000; o. James McCann.  
**Three two-sty' dwells.**, n s Barmer St., bet. Hodiamont & Allanthus Sts.; \$9,450; o. John R. Dwyer.  
**Two two-sty' dwells.**, s s Elmbank St., bet. Newstead & Taylor Sts.; \$6,000; o. Geo. A. Handley.  
**Two-sty' dwell.**, n s Wabada St., bet. Euclid & King's Highway; \$6,000; o. F. M. Wruelan.  
**Three-sty' dwell.**, n s Berlin St., bet. Euclid & King's Highway; \$10,000; o. Howard Elliot.  
**Two two-sty' dwells.**, n s Kensington St., bet. Academy & King's Highway; \$10,000; o. Kensington Improvement Co.  
**Two-sty' dwell.**, s s Westminster Pl., bet. Boyle & Whittier Sts.; \$5,000; o. A. K. Humphrey.  
**Trumbull, Conn.**—**24-sty' fr. dwell.**, 30' x 50', with stable; \$7,000; o. A. F. Berger; a. Isaac W. Day, Bridgeport.  
**Washington, D. C.**—**Yale St.**, nr. 14th St., N. W., 3 three-sty' st. & bk. dwells., 17' x 64', mansard roof; \$24,000; o. Lester A. Barr; a. B. Stanley Simmons; not let.  
**West Warren, Mass.**—**24-sty' fr. dwell.**; \$90,000; o. James Brown; b. Charles Appleton, Hamilton.  
**Worcester, Mass.**—**Burncoat St.**, two-sty' fr. dwell., 27' x 54', \$7,000; o. F. A. Lincoln; a. Barker & Nourse; o. W. E. Putnam.  
**Highland St.**, two-sty' fr. dwell., 39' x 58'; \$6,500; o. C. O. Blake; day work.  
**MERCANTILE BUILDINGS.**  
**Boston, Mass.**—**Beach St.**, Nos. 111-119, five-sty'

# 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.*

## 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.

## "Cohesive Construction."

An Essay on the

Theory and  
History of  
Cohesive Construction.

BY RAFAEL GUASTAVINO, ARCHITECT.

Price, \$1.25.

For Sale by the AMERICAN ARCHITECT.

### BUILDING INTELLIGENCE.

(Mercantile Buildings Continued.)

bk. block of mill-construction, 50' x 150', flat roof steam; \$50,000; o., Lawrence Estate; o., Connery & Wentworth; a., Fehmer & Page.

#### OFFICE-BUILDINGS.

**Milwaukee, Wis.**—Winnebago and Eleventh Sts., three-st'y bk. & st. store & office-building, 55' x 69' x 17'; \$10,000; o., National Realty Co.; o., Duke & Turner; a., Crane & Barkhausen.

**Yonkers, N. Y.**—Three-st'y bk. store & office-building, 50' x 65'; \$10,000; o., Copentt Estate; a., Geo. Raynor.

#### STABLES.

**Boston, Mass.**—Tolman St., No. 25, Ward 24, fr. stable, 17' x 20', p. toh. r. f.; \$400; o. & b., Patrick Rogers.

**Keely St.**, nr. Blue Hill Ave., Ward 24, fr. stable, 20' x 37', pitch roof; \$800; o. & b., Walter Curley, 35 Cranston St.

**Dorchester St.**, No. 264, Ward 15, two-st'y fr. stable, 19' x 30', flat roof; \$800; o., Wm. Lynch; b., Peter Schneider, 14 Egleston St., Jamaica Plain.

**Centre St.**, nr. Spring St., Ward 23, fr. stable, 25' x 30', pitch roof; \$700; o., Thomas Conway, Centre St., W. Roxbury; b., Thomas Shea.

**Brookline, Mass.**—Babcock St., No. 213, 11-st'y fr. stable, 23' x 38', \$1,500; b., A. E. Coffin, 57 Munroe St., Roxbury; a., James Murray, Boston.

**Cambridge, Mass.**—Chestnut St., No. 71, 11-st'y fr. stable, 16' x 20'; \$1,500; o., Ezra T. Gale, 10 Centre St.; b., J. C. Brown, 40 Hawthorne St.

**Crookston, Minn.**—Two-st'y fr. stable, 80' x 104', for the State Experimental Farm; \$3,000; o., State; a., C. R. Aldrich, Minneapolis.

**Newark, N. J.**—Ninth St., two-st'y bk. stable and workshop, 52' x 58'; \$7,000; o., Little Sister of the Poor, on premises; a., J. O'Rourke & Son.

**New York, N. Y.**—One Hundred and Forty-eighth St., nr. College Ave., two-st'y bk. stable, 17' 6" x 25'; \$1,000; o., C. Bracht, 538 W. 51st St.; a., W. C. Dickerson.

**W. Fortieth St.**, Nos. 541-543, three-st'y bk. stable, 60' x 98' 6"; \$15,000; o., Thos. J. Alden, 516 W. 21st St.; a., John H. Kimbal, 503 Fifth Ave.

One Hundred and Forty-eighth St., s. s. 50' w. Col-

### BUILDING INTELLIGENCE.

(Stables Continued.)

lege Ave., one-st'y bk. stable, 17' 6" x 25'; \$1,000; o., C. Bracht, 538 W. 51st St.; a., W. C. Dickerson.

**Eighty-ninth St.**, nr. Amsterdam Ave., three-st'y bk. & st. stable; o., Albert Flake, 65 Liberty St.; a., Ralph S. Townsend.

**Philadelphia, Pa.**—Regent St., nr. 47th St., two-st'y bk. stable, 20' x 50'; o. & b., Allen T. Lewis.

**Melvale St.**, No. 2916, two-st'y bk. stable & carriage-house, 20' x 40'; o., A. McClay.

**St. Louis, Mo.**—King's Highway, nr. Delmar St., two-st'y bk., st. & terra-cotta livery-stable, 85' x 150', comp. roof; \$12,000; o., L. P. Harrigan; a., Jas. H. McNamara, 630 Chestnut St.

#### STORES.

**Hartford, Conn.**—New Britain Ave., three-st'y bk. & iron store & tenement-building, 33' x 50', comp. roof, furnace; \$10,000; o., E. V. Caulfield; a., Willis E. Becker.

**New York, N. Y.**—Canal St., s. e. cor. W. Broadway, six-st'y bk. business-building, 73' 7" x 54' 8" & 50' x 100'; \$100,000; o., S. & H. Bawitser, 44 E. 75th St.; a., Brunner & Tryon, 35 Union Sq.

**Elm St.**, Nos. 137-141, six-st'y store & loft-building, 43' x 74'; o., S. V. R. Cruger, 187 Fulton St.; a. & b., Geo. Vassar & Sons, 111 Fifth Ave.

**Springfield, Mass.**—Sharon and Chestnut Sts., three-st'y bk. structure for 3 stores & 4 flats, 55' x 60'; \$13,000; o., Hitchcock Estate; a., F. R. Richmond & J. W. Donohue.

#### TENEMENT-HOUSES.

**Brookline, Mass.**—Pond Ave., No. 285, three-st'y fr. tenement, 27' x 81', flat roof; \$10,000; o. & b., J. H. Keening, 280 Pond Ave.

**Clinton, Mass.**—Nashua St., three-st'y fr. tenement, 50' x 100', comp. roof, steam; \$5,000; o., P. F. Coyne; b., John Philbin.

**New York, N. Y.**—One Hundred and Sixty-second St., n. s. 94' 11" x 34 Ave., 3 five-st'y bk. tenements, 17' 9" x 64' & 25' x 78'; \$42,000; o., Schmuck & Montag, 433 Southern Boulevard; a., Edw. Wenz, 1491 3d Ave.

**Third Ave.**, w. s. 130' n. 172d St., 4 four-st'y & base- bk. tenement, 25' x 60' 6" x 85' 6"; \$60,000; o., Mat-

### BUILDING INTELLIGENCE.

(Tenement-Houses Continued.)

thew D. Amors & John B. Pasco, 2162 First Ave.; a., Solomon D. Cohen, 203 Broadway.

**Vanderbilt Ave.**, e. s. 25' s. 181st St., two-st'y fr. tenement, 21' x 50'; \$1,500; o., George J. Kuhn, 2124 Vanderbilt Ave.; a., W. C. Dickerson.

**Mangia St.**, Nos. 63-71, 5 five-st'y bk. flats, 25' x 100'; \$10,000; o., M. F. Cusack, 233 Grand St.; a., Israel & Harder, 194 Broadway; not let.

**Avenue B**, cor. 3d St., 4 five-st'y bk. & st. flats, 25' x 80'; \$70,000; o., The Folsom Estate; a., Chas. C. Haight, 111 Broadway.

#### THEATRES AND HALLS.

**Springfield, Ill.**—Fourth and Jefferson Sts., six-st'y bk. fireproof theatre; \$100,000; o., Freeman Fireproof Hotel Co.; a., Hesseumuller & Meldahl, 103 State St., Chicago.

**St. Louis, Mo.**—Thirteenth St., nr. Utah St., two-st'y bk. & st. building for stores & hall, 110' x 130', slate roof, steam; \$50,000; o., Wm. J. Lemp Brewing Co.; a., E. Jungeneid & Co., Wainwright Building.

#### WAREHOUSES.

**New York, N. Y.**—W. Twenty-sixth St., Nos. 148-150, two-st'y bk. warehouse, 39' x 98' 9"; \$5,000; o., Est. J. M. Hammersley, 127 Fifth Ave.; a., G. W. Foster, 10 W. 23d St.

**St. Louis, Mo.**—Two-st'y warehouse, s. s. Tradeau St., bet. De Kalb & Kosciuszko Sts.; \$5,472; o., Pioneer Coöperage Co.

#### MISCELLANEOUS.

**Cambridge, Mass.**—Third and Monroe Sts., 3-lift gas-holder, steel, iron & bk.; \$50,000; o., Cambridge Gas Light Co., 1290 Massachusetts Ave.; b., R. D. Wood & Co., Philadelphia.

**Everett, Mass.**—Off Broadway, one-st'y bk. & iron power-house, 50' x 90', flat roof; \$15,000; o. & b., Cochran Chemical Co., 55 Kilby St., Boston.

**Hartford, Conn.**—Bellevue St., bk. & iron brewery-plant, 130' x 110', six & three stories, slate roof; also bk. stable, 45' x 90', comp. roof; \$200,000; o., Syndicate, H. T. Morgan, Syracuse, N. Y., Manager; a., A. C. Wagner; not let.

**Middletown, Conn.**—Two-st'y bk. dormitory, 30' x 80', slate roof, steam; \$20,000; o., State of Connecticut Insane Asylum; b., Wm. Mylehrst & Jos. Tryon; a., Cartis & Johnson.





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# THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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# BUILDING MATERIALS.

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| BUILDING MATERIALS                                        | New York.                     | Boston.                     | Chicago. | Philadelphia.     |
|-----------------------------------------------------------|-------------------------------|-----------------------------|----------|-------------------|
| (Wholesale Prices.) (Prices to Builders and Contractors.) |                               |                             |          |                   |
| <b>STONE.</b> (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       |
| <b>Sandstone:</b>                                         |                               |                             |          |                   |
| Longmeadow @ 80                                           | 80 @ 90                       |                             |          | 95 @ 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                     |          | 85 @ 75           |
| Berea " 75 @ 1 00                                         | 85 @ 90                       | 45 @ 55                     |          | 85 @ 95           |
| Berlin " 75 @ 1 00                                        | 80 @ 90                       | 45 @ 55                     |          | 1 00 @ 1 10       |
| Belleville @ 1 25                                         | 25 @ 1 35                     | @ 1 25                      |          | 1 05 @ 1 15       |
| New Brunswick (Dorchester) @ 1 00                         | 75 @ 90                       | Not sold.                   |          | @ 1 40            |
| Potdam Red @ 1 30                                         | @ 1 40                        | @ 1 55                      |          | 1 25 @ 1 35       |
| Caen @                                                    | @ 2 00                        | @                           |          | 95 @ 1 05         |
| Carlisle, English @ 1 05                                  | @ 1 05                        | @                           |          | 95 @ 1 05         |
| Corse Hill (Scotch) @ 1 05                                | @ 1 05                        | @                           |          | 55 @ 65           |
| Granite: (Maine)                                          | @ 60                          | 80 @ 1 50                   |          |                   |
| <b>Limestone:</b>                                         |                               |                             |          |                   |
| 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 |
| <b>Bluestone:</b> (P sq. ft.)                             |                               |                             |          |                   |
| Sidewalk @ 30 @ 5 00                                      | 40 @ 1 75                     | 1 00 @ 1 25                 |          | 1 in. th. 10 @ 25 |
| Planned @ 50 @ 6 00                                       | @ 75                          | 1 00 @ 1 25                 |          | 37 @ 50           |
| <b>Marble:</b> (P cu. ft.)                                |                               |                             |          |                   |
| Lee, Mass. @                                              | 1 75 @ 2 50                   | Not sold.                   |          | 2 00 @ 2 50       |
| Rutland, white and blue @                                 | @ 3 00                        | 3 50 @ 6 00                 |          | 2 00 @ 3 00       |
| Sutherland Falls @ 1 25 @ 1 75                            | @ 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       |
| <b>Slate:</b> Roofing (P square).                         |                               |                             |          |                   |
| Green @ 5 00 @ 6 00                                       | 4 75 @ 5 25                   | 3 75 @ 5 00                 |          | 2 90 @ 3 60       |
| " 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 50 @ 13 00     |
| Black, Lehigh @ 4 25 @ 4 75                               | @                             | 4 50 @ 5 50                 |          | 4 00 @ 4 35       |
| " Chapmans @                                              | @                             | 5 30 @ 6 15                 |          | 4 50 @ 5 00       |
| Genuine Bangor @ 4 35 @ 5 50                              | 4 75 @ 5 90                   | 5 25 @ 6 50                 |          | 4 35 @ 5 50       |
| Unfading black @ 6 00 @ 8 50                              | 6 00 @ 8 50                   | 4 25 @ 8 95                 |          | 6 50 @ 9 00       |
| " @ 5 50 @ 8 00                                           | 5 50 @ 8 00                   | 5 50 @ 9 20                 |          | 6 50 @ 9 00       |
| Tiles, Am. P M @                                          | @                             | 3 50 @ 6 00                 |          | 28 00 @           |
| N. Peach Bottom, war. unfading                            | @                             |                             |          | 9 75 @ 12 00      |
| Fire Clay Roof Tile on cars at fac.                       | 8 00 @                        | 8 00 @                      |          | 6 00 @ 6 50       |
| <b>LUMBER.—P M.</b>                                       |                               |                             |          |                   |
| <b>Boards:</b> (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 @ 48 50     |
| " 3d quality @ 18 00 @ 22 00                              | 20 00 @ 40 00                 | 20 00 @ 28 00               |          | 27 50 @ 36 50     |
| Spruce @ 25 00 @                                          | 11 00 @ 17 00                 | Not sold.                   |          | 15 00 @ 21 50     |
| Hemlock @ 13 @ 14                                         | 11 00 @ 14 50                 | 10 00 @ 12 00               |          | 11 50 @ 13 75     |
| Yellow pine @ 20 @ 40                                     | 20 00 @ 30 00                 | 18 00 @ 25 00               |          | 14 00 @ 29 00     |
| Cypress @ 28 00 @ 40 00                                   |                               | 30 00 @ 35 00               |          | 30 00 @ 38 00     |
| <b>Clapboards:</b>                                        |                               |                             |          |                   |
| Pine @ 38 00 @ 55 00                                      |                               | 25 00 @ 30 00               |          | 14 00 @ 25 00     |
| Spruce @ 24 00 @ 35 00                                    |                               | Not sold.                   |          | Not sold.         |
| <b>Framing Timber:</b>                                    |                               |                             |          |                   |
| 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 @ 25 00                 | 10 00 @ 15 00               |          | 14 00 @ 20 00     |
| Yellow pine @ 1 60 @ 1 65                                 |                               | 16 00 @ 25 00               |          | 22 50 @ 30 00     |
| <b>Laths:</b> Spruce Slab @ 1 60 @ 1 65                   |                               |                             |          |                   |
| Pine @ 1 55 @ 1 60                                        | 2 25 @ 2 50                   | 1 90 @ 2 00                 |          | 2 75 @ 3 00       |
| Spruce @ 1 55 @ 1 60                                      | 1 65 @ 2 25                   | Not sold.                   |          | 2 30 @ 2 35       |
| <b>Shingles:</b>                                          |                               |                             |          |                   |
| Pine, shaved @ P M. @ 5 00 @ 6 00                         | @                             | Not sold.                   |          |                   |
| Pine, sawed @ " @ 4 00 @ 5 00                             | @ 4 50                        | 2 60 @ 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                 |          |                   |
| Cedar split @ P M. @                                      | 4 00 @ 6 00                   | Not sold.                   |          |                   |
| Cedar sawed @ " @                                         | 2 00 @ 3 25                   | 2 50 @ 2 90                 |          |                   |
| Cypress, Split @ 7 x 24 @ 18 00 @ 20 00                   | 5 00 @ 6 00                   | @                           |          |                   |
| <b>Miscellaneous:</b>                                     |                               |                             |          |                   |
| Piles @ 41 @ 51                                           | Piles 6c. P ft. 10 00 @ 15 00 | 10 @ 15 P ft. 7 ft. 11 @ 50 |          | 9 00 @ 13 00      |
| Fence pickets, Common @ 8 00 @ 10 00                      | 25 @ 50                       | Not sold.                   |          | 40 @ 1 50         |
| Cedar posts, 9 ft. (sq. posts) @                          | 25 @ 50                       |                             |          | 20 @ 30           |
| Chestnut posts @                                          |                               |                             |          |                   |
| <b>Finishing Woods:</b> P M. (First.)                     |                               |                             |          |                   |
| Ash @ 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) @ 150 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 @                                             | 50 00 @ 65 00                 | 30 00 @ 33 00               |          | 51 50 @ 65 00     |
| Sycamore quartered @ 65 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 @ 60 00 @ 70 00                                   | @ 6                           |                             |          |                   |
| Rosewood @ P lb. 125 00 @ 150 00                          | 25 00 @ 30 00                 | 75 00 @ 95 00               |          | 50 00 @ 175 00    |
| Spruce floorclear, (kiln-dried) @ 45 00 @ 50 00           | 85 00 @ 120 00                | 75 00 @ 38 00               |          | 2 100 @ 45 00     |
| Walnut, black @ 45 00 @ 50 00                             | 35 00 @ 45 00                 | 2 50 @ 30 00                |          | @ 45 00           |
| Yellow pine @ P M. @ 45 00                                | 35 00 @ 40 00                 |                             |          |                   |



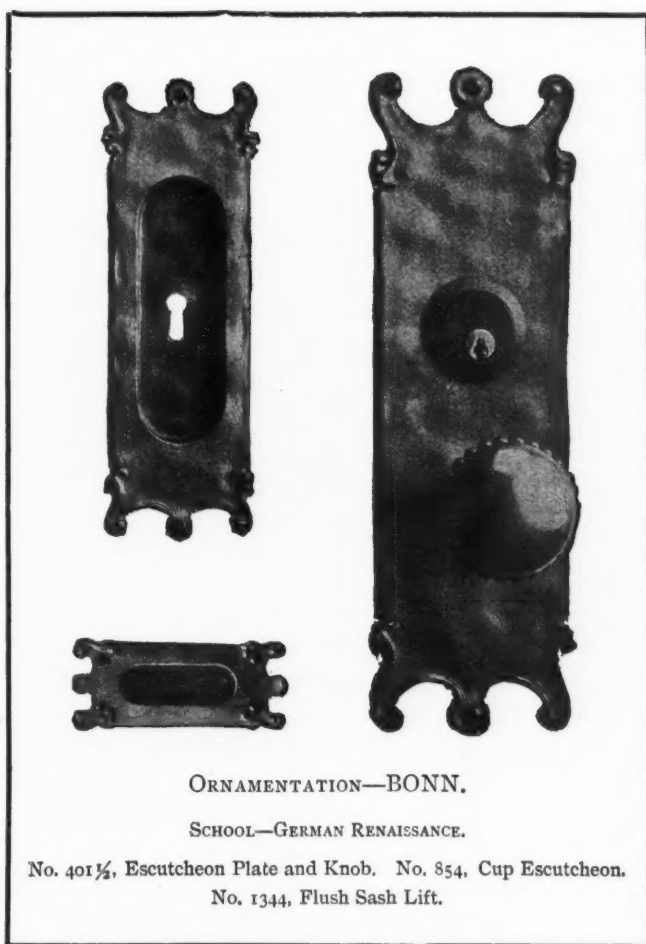
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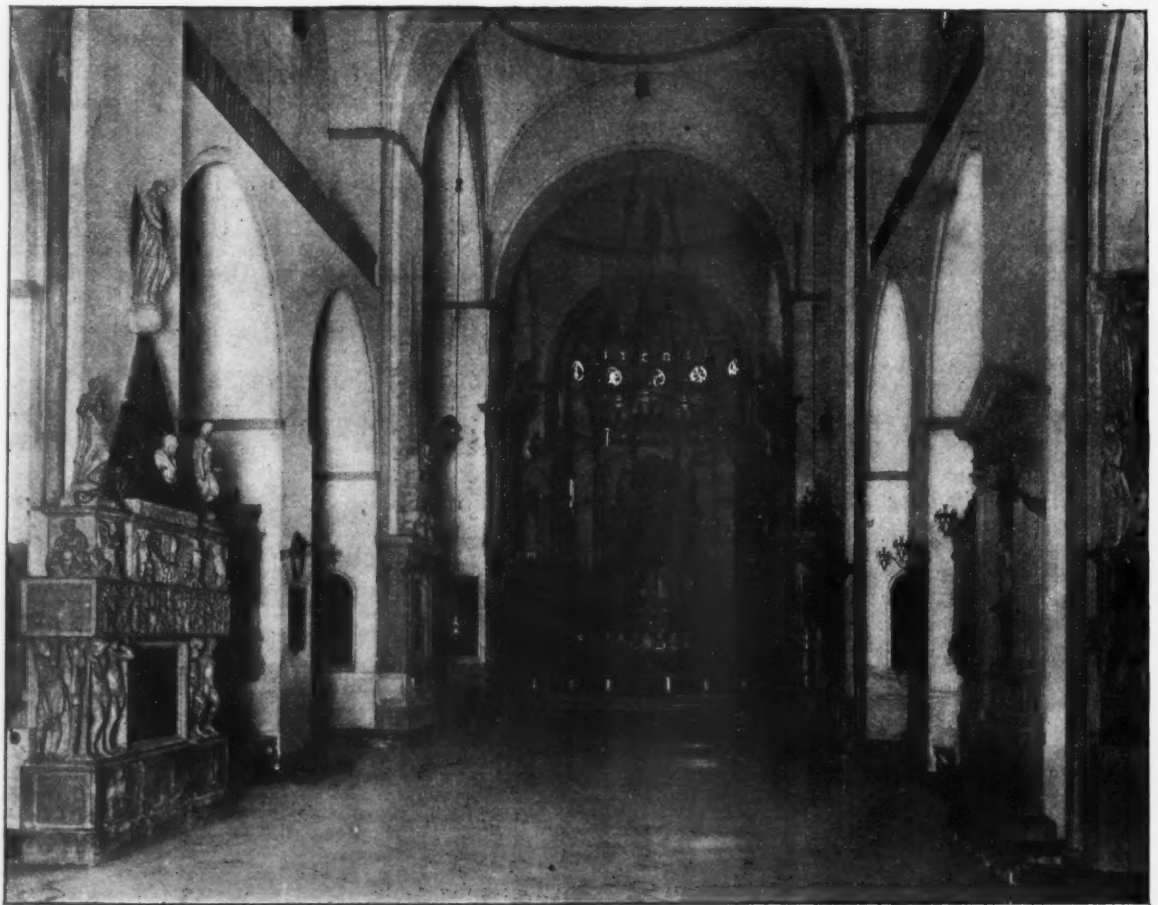
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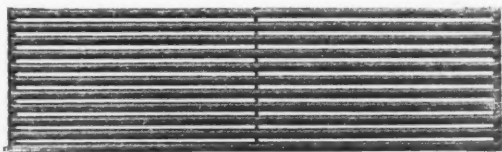




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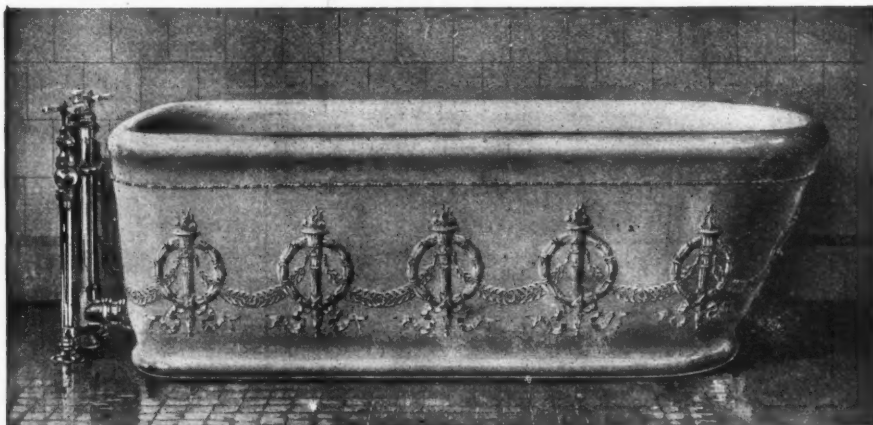
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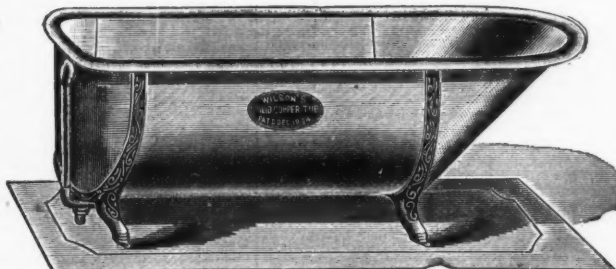
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Huntington Ave., nr. Smith St., Ward 19, four-st'y bk. flats, 27' x 59', flat roof, steam; \$10,000; o., John F. Cronin, 30 Court St.; a., A. H. Vinal; not let.

### BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Columbus Ave., cor. Davenport St., Ward 18, four-st'y bk. flats, 50' x 77', flat roof, steam; \$20,000; o., John Martin; a., Simon B. Eisendrath.  
Calumet Ave., No. 4736, three-st'y bk. & st. flats, 44' x 66', flat roof, steam; \$19,000; o. & b., S. Phillips.  
North Halsted St., No. 1448, three-st'y bk. flats; \$10,000; o., G. B. Benning; a., M. S. Gregory.  
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Hoboken, N. J.—First St., nr. Bloomfield St., five-st'y bk. & st. flats, 25' x 65'; \$12,000; o., H. Pruser; a., A. Beyer.

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New York, N. Y.—One Hundred and Seventeenth St., cor. Manhattan Ave., 4 five-st'y bk. stores & flats, 25' x 60'; \$96,000; o., J. Jenkins; a., Ward Cunningham, 55 Lenox Ave.

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Boston, Mass.—Warren St., nr. Wyoming St., Ward 21, two-st'y bk. church, 64' x 98', pitch roof, steam; \$30,000; o., First Baptist Society; b., W. L. Rutan, a., A. L. Darrow.

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Pepperell, Mass.—Two-sty bk. 6-room school, slate roof, steam; \$18,000; o., Town, E. J. Woodward, Chairman of Committee; a., Gay & Proctor, Boston.

Providence, R. I.—Chalkstone Ave., two-sty bk., six-room school, 60' x 80', slate roof; \$26,000; o., City; a., Angell & Swift.

## FACILITIES.

Haverhill, Mass.—Duncan and Winter Sts., six-sty bk. store & factory building, 40' x 124', flat roof; \$40,000; o. & b., C. M. Kelley, Park St.; a., C. Willis Damon.

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Andover, Mass.—Salem St., two-sty fr. dwell., 40' x 55', pitch roof, steam; \$5,000; o., G. C. Cannon, Lawrence; a., John Ashmun, Lawrence.

Arlington, Mass.—Bartlett Ave., 2j-sty fr. dwell., 39' x 60', pitch roof, furnace; \$10,000; o., L. P. Bartlett; a., Prescott & Sidebottom, Boston.

Auburndale, Mass.—Windemere Road, four 2j-sty fr. dwellings, 30' x 40', rhingle roofs, furnaces; \$6,000 each; a. & b., John E. Butler, Tremont Building, Boston.

Bay Shore, L. I., N. Y.—2j-sty fr. dwell., 32' x 48'; \$5,000; o., John Ryan, Brooklyn; a., A. White Pierce, 1127 Flatbush Ave., Brooklyn.

Bensonhurst, L. I., N. Y.—Bath and Twenty-third Aves., 2j-sty fr. dwell., 22' x 36'; \$6,000; o., Wm. G. Morrissey; a., O. Schubert.

Boston, Mass.—Washington St., cor. Hawthorne Pl., Ward 21, three-sty bk. dwell. & store, 25' x 21' x 48' x 49', flat roof, furnace; \$20,000; o., Frederick Ayer; b., G. M. Tufts; a., W. R. Emerson.

Everett Road, nr. Savin Hill Ave., Ward 20, two-sty fr. dwell., 22' x 28' x 51', pitch roof, hot water; \$5,000; o., Della H. Walker, 8 Howes St., Dorchester; b., E. W. Chandler.

Romsey St., nr. Saxton St., Ward 20, two-sty fr. dwell., pitch roof, furnace; \$5,000; o., Mary A. Whiteacre; b., R. W. Whiteacre, 2 Alexander Ave., Dorchester.

Orkney Road, nr. Beacon St., Ward 25, two-sty fr. dwell., 28' x 36' x 38', pitch roof, furnace; \$8,000; o., Jeanette H. Rogers; b., Edw. L. Rogers, Kinross Road.

Mayfield St., cor. Bakersfield St., Ward 20, two-sty fr. dwell., 29' x 50', pitch roof, furnace; \$5,000; o., Marie Marks; b., Chute & Bagloe, 16 Waltham St.

Unnamed St., from Cushing Ave., Ward 20, two-sty fr. dwell., 40' x 50', pitch roof, steam; \$7,000; o., Mrs. S. F. Parshley; b., S. Parshley, 17 Cushing Ave.

Rolin St., nr. Montague St., Ward 24, two-sty fr. dwell., 17' x 25' x 44', pitch roof, furnace; \$5,000; o., Geo. A. Eastman, Ocean St., Dorchester; b., F. H. McDonald; a., E. J. Lewis, Jr.

Sachem St., nr. Hillelde St., Ward 19, two-sty fr. dwell., 26' x 55', pitch roof, stoves; \$5,000; o., Geo. P. Selgraber; a., J. Luppold, 89 Mozart St., Jamaica Plain; not let.

Rosedale St., No. 14, Ward 20, two-sty fr. dwell., 28' x 36', pitch roof, hot water; \$5,000; o., Mary J. Bursley; b., G. L. Davidson, 60 Harvard St., Dorchester.

Rosedale St., No. 38, Ward 20, two-sty fr. dwell., 28' x 36', pitch roof, furnace; \$5,000; o. & b., G. L. Davidson.

Elm Hill St., nr. Crawford St., Ward 21, two-sty

## BUILDING INTELLIGENCE.

(Houses Continued.)

fr. dwell., 41' x 53', pitch roof, steam; \$7,000; o., John Gilchrist; b., David J. McKim, 266 Washington St.; a., Burr & Sise, Beacon St.

Merlin St., cor. Weld St., Ward 23, two-sty fr. dwell., 28' x 28', pitch roof, hot water; \$5,000; o., Clara S. Stevens; b., Geo. W. Jones, 23 Evergreen St., Jamaica Plain.

Quint Ave., nr. Brighton St., Ward 25, two-sty fr. dwell., 33' x 46', pitch roof, furnace; \$6,500; o., T. W. Herriek; b., Charles F. Jones; a., Wm. Hart Taylor, 6 Beacon St.

Brookline, Mass.—Babcock St., 2j-sty fr. dwell., 40' x 45', shingle roof, steam; \$9,000; o., H. H. Fletcher; b., J. M. Kellaway; a., Clark & James, Boston.

Cambridge, Mass.—Elm St., No. 70, three-sty fr. dwell., 44' x 56', flat roof, stoves; \$3,500; o., R. H. Leach, 5 Beacon St., Somerville; b., C. T. Dooley.

Brookline St., Nos. 174-176, three-sty bk. & st. dwell., 31' x 45', flat roof, stoves; \$5,000; o., Mrs. W. Glenn, 184 Brookline St.; b., R. L. Snow.

Chicago, Ill.—Sixty-sixth Pl., Nos. 294-296, 2 three-sty & base. bk. dwellings; \$12,000; o. & b., E. J. White.

East Orange, N. J.—Burnet St., 2j-sty fr. dwell.; \$6,000; o., Sarah Ann Pring.

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Lawrence, Mass.—Saunders St., two-sty fr. dwell., 30' x 40', shingle roof; \$6,000; o., W. E. Rowell, 239 Essex St.; a., George G. Adams; not let.

Lynn, Mass.—Western Ave. and Summer St., two-sty fr. store & dwell., 40' x 50', flat roof; \$5,000; o., J. S. Berry, Orchard St.; a., A. W. Call; not let.

Endicott St., 2j-sty fr. dwell., 28' x 52', pitch roof, steam; \$6,000; o., Robert Shand, 493 Western Ave.; b., A. Leomer.

Greystone Park, 2j-sty st. dwell., 48' x 60', slate roof, steam; \$15,000; o., M. W. Thompson, Greystone Park; a., J. C. Fowler, Boston.

Mt. Vernon, N. Y.—Rich Ave., 2j-sty fr. dwell., 35' x 49'; \$6,000; o., C. A. Tier; a., W. H. A. Horsfall.

2j-sty fr. dwell., 33' x 50'; \$5,500; o., F. M. Wright.

New Britain, Conn.—Pearl St., 2j-sty fr. dwell., 36' x 50', shingle roof, steam; \$7,000; o., M. S. Foster; c., O. F. Curtis; a., Davis & Moon.

New York, N. Y.—Loring Pl., cor. Oxford Pl., 2j-sty bk. dwell.; \$50,000; o., Helen M. Gould; a., H. Marshall, 874 Broadway.

One Hundred and Eighty-third St., nr. 11th Ave., 5 three-sty & base. bk. & st. dwellings, 20' x 60'; \$60,000; o., John Jefferson & Gerhard Tietjen; a., Henry Fouchaux, 1624 St. 11th Ave.

Eighty-first St., cor. West End Ave., 4 four-sty bk. dwellings; \$80,000; o., E. L. Schiller, 459 Boulevard; a., Clarence True, 459 Boulevard.

West End Ave., nr. 81st St., 3 four-sty bk. dwellings, 17' x 72'; \$54,000; o., Metropolitan Improvement Co., 146 Broadway; a., Clarence True.

Simpson St., nr. Westchester Ave., 4 two-sty bk. dwellings, 18' x 52'; \$23,000; o., Charlotte McCormick, Hunt's Point; a., John De Hart, 1637 Fox St.

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Commonwealth Ave., two-sty fr. dwell., 31' x 40', pitch roof, furnace; \$7,500; o., E. G. A. Isenbeck, 95 Milk St., Boston; b., L. D. Boisclair & Son.

Orange, N. J.—Essex Ave., 2j-sty fr. dwell.; \$7,000; o., Mrs. A. H. Thorp; a., Thorp & Knowles, 21 W. 24th St., New York City.

Philadelphia, Pa.—Sixty-second St., nr. Lancaster Ave., 10 three-sty bk. & st. dwellings, 20' x 60', pitch roofs, furnaces; \$85,000; o. & b., Hagy & Kennon.

(Continued in Supplement.)

## COMPETITIONS.

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

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## PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., June 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 23d day of July, 1897, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete the boiler plant, low-pressure and exhaust steam-heating and mechanical ventilating apparatus required for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Omaha, Neb. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1124

Treasury Department, Office Supervising Architect, Washington, D. C., June 25, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of July, 1897, and opened immediately thereafter, for all the labor and materials required for the approaches, etc., to the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawing and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1124

Treasury Department, Office Supervising Architect, Washington, D. C., June 16, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 22d day of July, 1897, and opened immediately thereafter, for furnishing all the labor and materials required for the excavation, sewer and temporary drainage, concrete and steel foundations for the United States Post-office, Court-house, etc., at San Francisco, Cal., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at San Francisco, Cal. 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. C. E. KEMPER, Acting Supervising Architect. 1123



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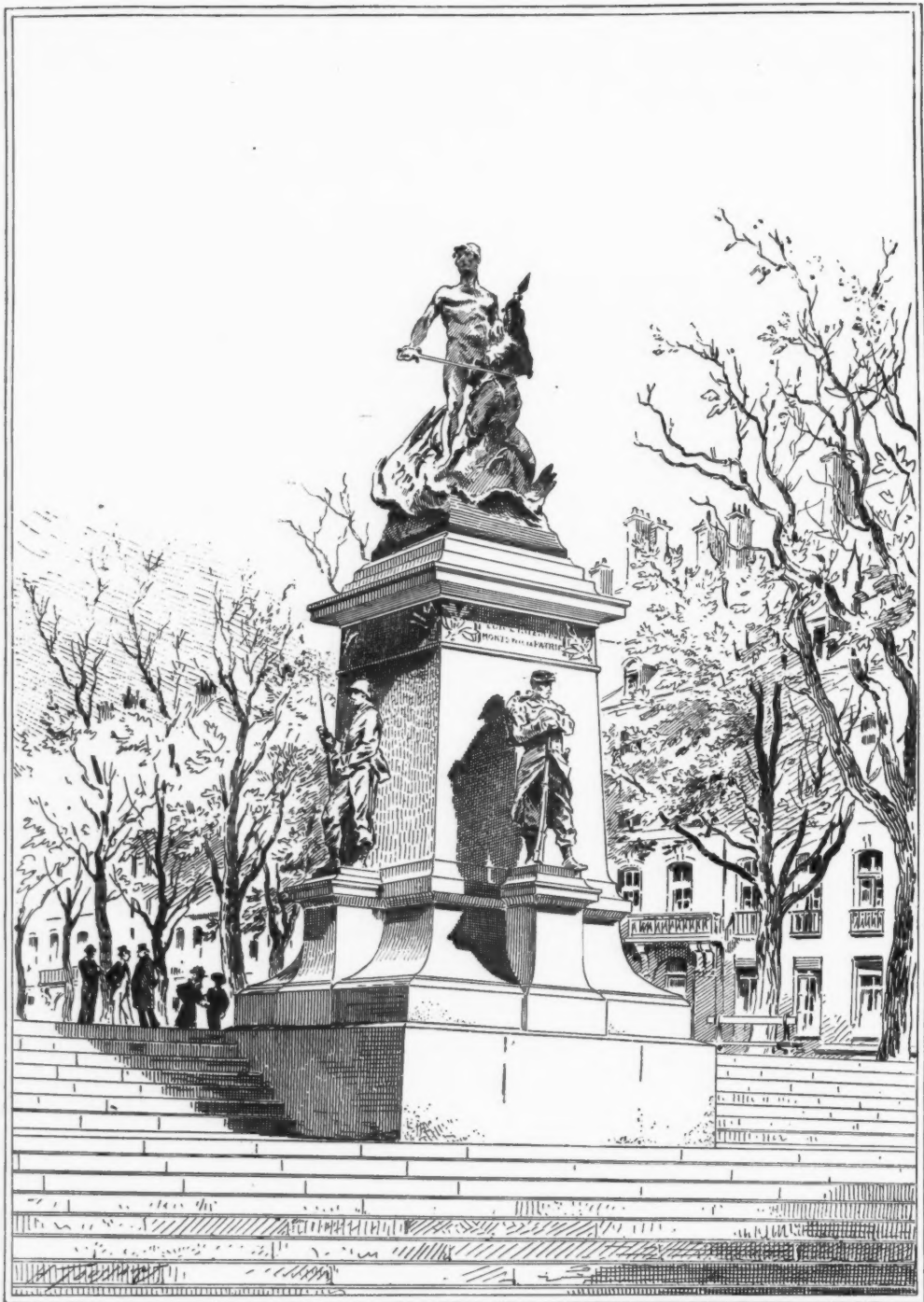
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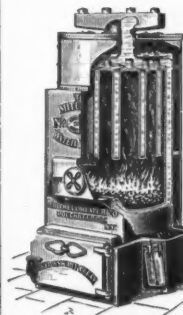
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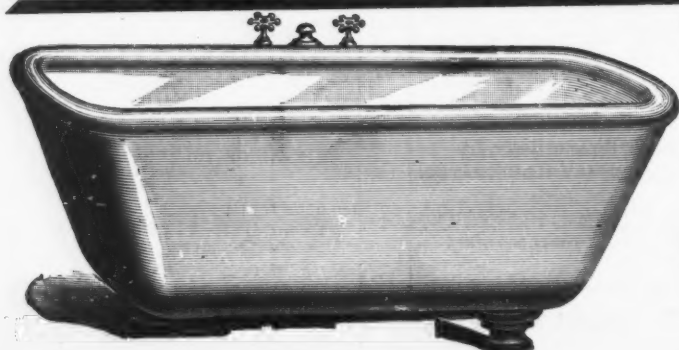
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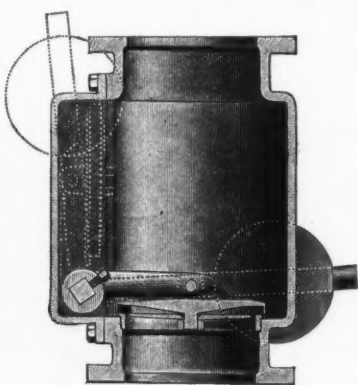
No. 181.

SATURDAY, JULY 3, 1897.

VOLUME LVII.  
No. 1123.

## EXCELSIOR STRAIGHT-WAY BACK-PRESSURE VALVE.

ONE of the necessary evils attendant upon the use of exhaust steam on heating systems is the use of a back-pressure valve. We say evil because anything that offers the slightest obstruction to the free passage of the exhaust



when the valve is not needed must be considered as such, and, as heretofore constructed, all back-pressure valves when thrown wide open leave a more or less tortuous passage for the steam and in many cases the valve itself remains directly in its path to deflect or partially obstruct the flow, and it is the custom with many careful engineers at the beginning of the season when the valve is no longer needed to entirely remove the interior parts. Another serious objection is the disagreeable pounding of the valve on its seat, due to pulsations of the exhaust. To overcome this, many designs using springs, levers, balanced valves, etc., have been brought out, all of which require more or less attention and often fail to work properly. The cut clearly shows the construction and interior arrangement of the Excelsior Back-pressure Valve which is now being manufactured and put on the market by the firm of Jenkins Brothers, and it will be at once seen that the valve fully meets the requirements of an ideal valve. It not only has the fewest possible parts and is entirely free from complication, but when not in service the valve and all interior parts can be quickly thrown back into the cover, where it is entirely out of the exhaust passage and offers not the slightest obstruction, but leaves a full, free, straight passage, and consequently requires no further attention. The seat is broad and flat and as the valve contains the Jenkins' Disc, it is perfectly noiseless when in service, never sticks and gives long service. The cover can be easily and quickly removed,

bringing with it the whole interior parts for examination or repair if necessary. As a relief valve or free exhaust valve for a condensing engine, this valve will especially commend itself to engineers. It can be placed and used in any position, and from its shape is especially adapted for use in corners or close to a wall.

The Excelsior Valve is an improvement in every way over the old form, and is also an improvement in many ways over any other back-pressure valve now on the market. It is noiseless and free from any complicated attachments, whose office it is to partially prevent noise and which is frequently defeated by its complications and want of attention.

The area of the "Excelsior" Valve is equal to that of pipe. This valve has no dash pots, springs, guides or complicated levers to get out of order. Is simple, reliable and well made. Never sticks, and can be relied upon at all times when using exhaust-steam for heating; or when used as a relief, or free exhaust on a condensing plant, it has no equal

and out of use in less time than it takes to say it.

It is the only straight-way valve on the market. In fact, when its merits are considered, it is the only valve on the market to use on an exhaust steam-heating apparatus, as all of the above points are indispensable to the successful manipulation of an apparatus using exhaust-steam.

Amongst other useful devices manufactured by Jenkins Bros., the Blake Hanger has no equal for simplicity, strength and ease of adjustment. It can be attached to pipe when in position; it has no troublesome screws to adjust; it provides for expansion; it is adjustable to any desired pitch-lines of mains. It is the most economical and popular hanger in the market, and is endorsed and extensively used by the leading houses supplying the steam-heating and plumbing trades throughout the United States.

The upper part of the cuts below shows the Blake Hanger attached to the B. and W.



No. 1.



No. 2.



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It can be placed in any position, vertical, horizontal or at any angle desired.

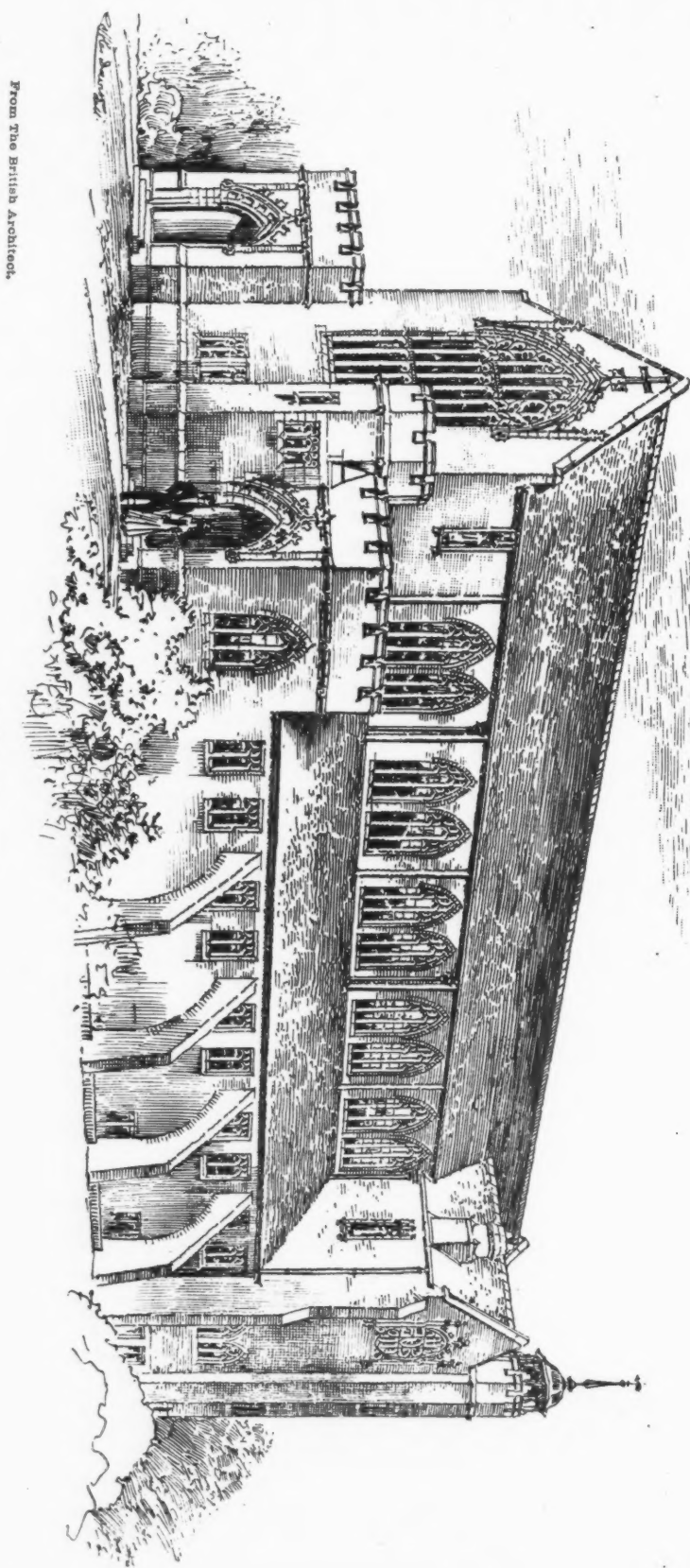
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(Houses Continued.)

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Negley Ave., two-story bk. & st. dwell.; \$13,200; o., George Flaccus, Penn Ave.; b., A. L. Huff.  
Pacific Ave., 2½-story bk. dwell.; \$11,000; o., J. W. Houston, 7th Ave.; b., O. P. Schultz, Lang Ave.  
Plainfield, N. J. — 2½-story fr. dwell., 40' x 58'; \$10,000; o., Harold Sterrell; a., Chas. H. Smith & G. F. Crohen, 26 Broad St., New York City.

## BUILDING INTELLIGENCE.

(Houses Continued.)

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Two-story dwell., n s Lafayette St., bet. Missouri & Jefferson Sts.; \$13,000; o., Aug. Nasse.  
Two-story dwell., s s Maryland St., nr. Euclid St.; \$6,000; o., Mrs. M. Ross.  
Two-story dwell., w s Grand St., bet. St. Louis & Cottage Sts.; \$42,000; o., W. Grafeman.  
Six two-story dwell., n s Laclede St., bet. Newstead & Taylor Sts.; \$21,000; o., Chas. A. Hills.  
Taunton, Mass. — Winthrop St., 2½-story fr. dwell., 32' x 50', pitch roof, comb. heat; \$5,000; o., O. C. Lane; a., Nath. C. Smith & C. M. Baker, New Bedford; not let.  
Tyrone, Pa. — Blair Ave., cor. 12th St., two-story dwell.; \$8,000; o., Frank Albright; a., Beezer Bros., Altoona; not let.  
Washington, D. C. — California Ave., Washington Heights, three-story & base bk. dwell., 25' x 52', mansard roof, hot water; \$6,000; o., F. V. Coville; b., F. H. Knight.  
Fourth St., S. E., bet. C & D Sts., three-story bk. dwell., 21' x 50'; \$5,000; o. & b., J. M. Stockett.  
Watertown, Mass. — Marshall St., 2½-story fr. dwell., 30' x 40', shingle roof, hot air; \$5,000; o., Mrs. Elizabeth Chase, Chestnut St.; b., Wilson & Hutchins; a., C. W. Bixby.  
Winthrop, Mass. — Lincoln St., two-story fr. dwell., 32' x 48', pitch roof, furnace; \$5,000; o. & b., J. P. Margeson, Tremont St.  
Herman and Lincoln Sts., two-story fr. dwell., 30' x 57', flat roof, furnace; \$5,000; o. & b., T. W. Sheffield, 45 Pleasant St.  
Worcester, Mass. — Troubridge Road, two-story fr. dwell., 35' x 35'; \$5,000; o., N. S. Liscomb; a., L. W. Briggs; o., C. A. Colburn.  
Yonkers, N. Y. — Woodworth Ave., nr. Babcock Pl., three-story fr. dwell., 33' x 60'; \$5,000; a., A. J. Suetenlaie, 36 N. Broadway.  
Ravine Ave., No. 79, three-story fr. dwell., 24' x 50'; \$5,000; o., Patrick Whelan.

## MERCANTILE BUILDINGS.

Brooklyn, N. Y. — Manhattan Ave., nr. India St., four-story bk. & st. store & loft, 50' x 80'; \$10,000; o., Randall & Miller, 16 Bedford Ave.; a., P. Tullion, 209 Manhattan Ave.  
Malden, Mass. — Pleasant St. and Linden Ave., four-story bk. block, 80' x 100', flat roof, steam; \$45,000; o., Harrington Bros., Pleasant St.; a., Tristram Griffin, Boston; not let.  
New York, N. Y. — Fourth Ave., nr. 9th St., eight-story bk. store & loft, 25' x 161'; \$145,000; o., John R. Todd, 210 W. 85th St.; a., Neville & Bagge.  
Pittsfield, Mass. — Four-story bk. block, 42' x 70'; comp. roof, steam; \$20,000; o., Robbins & Gamwell; a., H. Neill Wilson; day-work.

## OFFICE-BUILDINGS.

New York, N. Y. — Broadway, Nos. 35-39, fifteen-story bk. & st. office building; o., Augustus Hemenway Estate, 35 Broadway; a., Clinton & Russell, 32 Nassau St.

## STABLES.

Altoona, Pa. — Stable; \$1,500; o., E. H. Flick; a., Beezer Bros.; not let.  
Brooklyn, N. Y. — Freeman St., three-story bk. stable, 25' x 100'; \$7,000; o. & b., F. H. Lewis; a., J. M. Baker, Long Island City.  
Chicago, Ill. — La Salle St., No. 2339, two-story bk. barn; \$5,000; o., Ullrich Orphan Asylum.  
Lynn, Mass. — Market St., two-story bk. stable, 40' x 42', flat roof; \$5,000; o., F. B. McFarlane, Market St.; b., E. D. Dearborn; a., H. W. Rogers.  
New Bedford, Mass. — State St., two-story fr. stable, 80' x 80', shingle roof, steam; \$7,000; o., David Warren, Fall River; a., Samuel C. Hunt; not let.  
New York, N. Y. — W. Seventeenth St., Nos. 221-225, six-story bk. & st. stable; \$60,000; o. & b., John Glass, Jr., 426 W. 23d St., Siegel-Cooper & Co., lessees; a., G. A. Schellenger, 128 Broadway.

## BUILDING INTELLIGENCE.

(Stables Continued.)

Twenty-fourth St., nr. 1st Ave., five-story bk. & st. stable, 25' x 94' 9"; \$18,000; o., Max F. Boehm, 5 E. 80th St.; a., Edward Wenz, 1491 Third Ave.  
Seventy-seventh St., nr. Park Ave., three-story bk. stable, 25' x 100'; o., Charles F. Dietrich; b., W. W. & T. M. Hall, 503 Fifth Ave.  
Nineteenth St. and Eleventh Ave., two-story bk. stable, 30' x 40'; o., T. G. Patterson; b., Ryan & McFerron, 106 E. 23d St.  
Washington St., No. 104, four-story bk. stable; 23' x 8e'; \$8,000; o., Estate of Jane E. Edgar, on premises; a., W. Wheeler Smith.  
Oakhurst, N. J. — Two-story fr. stable; \$4,500; o., T. T. Kinney, Newark.  
St. Louis, Mo. — Stable, Vandeventer St., nr. Forest Park; \$5,000; o., R. Boettler.  
Two-story stable, w s Callinskrout St., bet. 21st & Florissant Sts.; \$12,000; o., St. Louis Brew. Co.  
Winthrop, Mass. — Somerset Ave., 1½-story fr. stable, 23' x 33', pitch roof; \$600; o., I. A. Whorf; b., S. A. Johnson.

## STORES.

Cincinnati, O. — Fourth St., cor. Race St., five-story st. store-building; \$25,000; o., Eckstein Estate & E. H. Pendleton; o., James Griffith & Sons; a., Saml. Hannaford & Sons.  
New York, N. Y. — E. Twenty-first St., Nos. 30-32, eight-story bk. store & loft, 50' x 82'; \$160,000; o., John F. Scannell, 69 Liberty St.; a., Ralph S. Townsend.  
South Manchester, Conn. — Three-story fr. building for 2 stores, dwell. & club-room, 43' x 47', slate roof, hot water; \$15,000.

## TENEMENT-HOUSES.

Brooklyn, N. Y. — Halsey St., nr. Reid Ave., 3 four-story bk. tenements, 20' x 45'; \$25,000; o., Wm. Amshurger, 836 Broadway; a., Hugo Smith.  
New York, N. Y. — Washington Ave., cor. 166th St., 2 five-story bk. flats, 25' x 84' & 27' x 89'; \$15,000 & \$18,000; o., Charles A. Morotzki, 47 New Bowery.  
Sullivan St., Nos. 131-33, & Prince St., Nos. 183-5, five-story bk. tenement & stores, 50' x 90'; \$40,000; o., Mary E. Gregory, 59 W. 47th St.; a., Stephenson & Greene.

## WAREHOUSES.

Brooklyn, N. Y. — Livingston St., nr. Smith St., four-story bk. warehouse, 60' x 201'; \$55,000; o., Abraham & Strauss, 430 Fulton St.; a., Geo. L. Morse.  
River St., rear, nr. 3d St., four-story bk. warehouse 43' x 71'; \$30,000; o. & b., American Coffee Co., 117 Wall St., New York City.  
Chicago, Ill. — Van Buren and Market Sts., eight-story & base, st., bk. & terra-cotta block for clothing warehouse, steel construction, 80' x 90' x 136' x 177', flat roof, steam; \$200,000; o., Chicago Real Estate Trustees, Owen F. Aldis, representative, 230 Monadnock Building; b., W. A. & A. E. Wells, 704 Chamber of Commerce; a., Holabird & Roche.  
Jewett City, Conn. — Three-story bk. storage warehouse, 50' x 114', comp. roof; \$10,000; o., Aspinook Bleaching Co.; a., C. H. Preston, Norwich.  
New York, N. Y. — Great Jones St., No. 7, eight-story fireproof bk. & st. store & loft building, 25' x 100'; \$100,000; o., L. R. Treu, 114 W. 34th St.; a., Louis Korn, 37 Maiden Lane.  
University Pl., cor. 10th St., eight-story bk. & st. stores & lofts, 27' x 100'; \$90,000; o., L. R. Treu, 114 W. 34th St.; a., W. J. Dilthey, 1 Union Sq.  
Wooster St., Nos. 175-177, seven-story bk. & st. store and loft building, 50' x 100'; o., Wm. Allen Butler, Agate St. & George K. Davis, 84 Wall St., Trustees; a., C. L. W. Eidlitz, 1123 Broadway.  
McDougal St., No. 103, seven-story bk. & st. stores & lofts, 23' x 135'; o., John Kirby, 53 W. 24th St.; a., F. C. Zobel, 53 W. 24th St.

## MISCELLANEOUS.

Brooklyn, N. Y. — Flatbush St., bk. & st. almshouse; 15,000; o., Department of Charities & Correction, 29 Elm Pl.; a., Mercien Thomas, 16 Court St.  
New Bedford, Mass. — Weld St., one-story bk. car-house, 127' x 200', gravel & tin roof; \$20,000; o., Union St. R. R.; b., Z. B. Davis; a., C. Hammond & Son.  
West End, 2½-story bk. police-station, 50' x 70', slate roof, steam; \$23,000; o., City; a., Robert H. Slack; not let.  
Philadelphia, Pa. — Forty-eighth St. and Woodland Ave., three-story bk. building for Home for Incapables, 43' x 136'; \$50,000; a., J. C. M. Shirk; b., J. E. & A. L. Pennock.



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# THE AMERICAN ARCHITECT

## AND BUILDING NEWS

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| STONE. (P cubic foot, rough.)         | (Wholesale Prices.) | (Prices to Builders and Contractors.) |                   |                   |
| <b>Foundation:</b>                    |                     |                                       |                   |                   |
| 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       |
| <b>Sandstone:</b>                     |                     |                                       |                   |                   |
| Longmeadow.....                       | @ 80                | 80 @ 90                               | @                 |                   |
| Kibbs.....                            | @ 90                | 90 @ 1 10                             | @                 | 95 @ 1 05         |
| Brown (Connecticut).....              | 1 00 @              | 1 00 @ 1 30                           | 1 50 P cub. ft.   | 1 05 @ 1 25       |
| Amherst Ohio.....                     | 90 @ 95             | 90 @ 1 00                             | 45 @ 55           | 85 @ 95           |
| Berea.....                            | 75 @ 1 00           | 85 @ 90                               | 45 @ 55           | 55 @ 75           |
| Berlin.....                           | 75 @ 1 00           | 80 @ 90                               | 45 @ 55           | 85 @ 95           |
| Belleville.....                       | 80 @ 1 25           | 25 @ 1 35                             | @ 1 25            | 1 00 @ 1 10       |
| New Brunswick (Dorchester).....       | @ 1 00              | 75 @ 90                               | Not sold.         | 1 05 @ 1 15       |
| Potdam Red.....                       | @ 1 30              | @ 1 40                                | @ 1 55            | @ 1 40            |
| Caen.....                             | @ 1 05              | @ 1 00                                | @                 | 1 25 @ 1 35       |
| Carlisle, English.....                | @ 1 05              | @ 1 05                                | @                 | 95 @ 1 05         |
| Corse Hill (Scotch).....              | @ 1 05              | @ 1 05                                | @                 | 95 @ 1 05         |
| Granite: (Maine)                      |                     | @ 60                                  | 80 @ 1 50         | 55 @ 65           |
| <b>Limestone:</b>                     |                     |                                       |                   |                   |
| Bedford.....                          | 45 @ 1 25           | 35 @ 1 00                             | 20 @ 40           | 75 @ 85           |
| Joliet.....                           | 1 00                |                                       | @                 | Richmond          |
| Lemont.....                           |                     |                                       | @                 | 75 @ 1 50         |
| Serpentine.....                       |                     | 10 50 per ton.                        | @                 | Perch 4 50 @ 5 50 |
| <b>Huestone: (P sq. ft.)</b>          |                     |                                       | cub. ft.          |                   |
| Sidewalk.....                         | 30 @ 5 00           | 40 @ 1 75                             | 1 00 @ 1 25       | 1 in. th. 10 @ 25 |
| Planed.....                           | 50 @ 6 00           | @ 75                                  | 1 00 @ 1 25       | 37 @ 50           |
| <b>Marble: (P cu. ft.)</b>            |                     |                                       |                   |                   |
| Leo, Mass.....                        | @                   | 1 75 @ 2 50                           | Not sold.         | 2 00 @ 2 50       |
| Rutland, white and blue.....          | @                   | @ 3 00                                | 3 50 @ 6 00       | 2 00 @ 3 00       |
| Sutherland Falls.....                 | 1 25 @ 1 75         | @ 2 00                                | 3 50 @ 6 00       | 1 70 @ 3 00       |
| Glens Falls, black.....               | @                   | @                                     | Not sold.         | 4 00 @ 4 50       |
| Italian, blue-veined.....             | @                   | @                                     | @ 4 30            | 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       |
| <b>Slate: Roofing (P square.)</b>     |                     |                                       |                   |                   |
| Green.....                            | 5 00 @ 6 00         | 4 75 @ 5 25                           | 3 75 @ 5 00       | 2 90 @ 3 00       |
| " 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 50 @ 13 00     |
| Black, Lehigh.....                    | 4 25 @ 4 75         | @                                     | 4 50 @ 5 50       | 4 40 @ 4 35       |
| " Chapmans.....                       | @                   | @                                     | 5 50 @ 6 15       | 4 50 @ 5 00       |
| Genuine Bangor.....                   | 4 25 @ 5 50         | 4 75 @ 5 90                           | 5 25 @ 6 50       | 4 35 @ 5 00       |
| Unfading black.....                   | 6 00 @ 8 50         | 6 00 @ 8 50                           | 4 25 @ 8 95       | 6 50 @ 9 00       |
| ".....                                | 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" Sc. per ft.    | 5 76 @ 6 25       |
| Fire Clay Roof Tile on cars at fac.   | 8 00 @              | 8 00 @                                | 6 00 @ 6 50       | 8 60 @            |
| <b>LUMBER.—P M.</b>                   |                     |                                       |                   |                   |
| <b>Boards: (Ordinary dimensions.)</b> |                     |                                       |                   |                   |
| 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 @ 48 50     |
| " 3d quality.....                     | 18 00 @ 22 00       | 20 00 @ 28 00                         | 20 00 @ 28 00     | 35 00 @ 36 50     |
| Spruce.....                           | @ 25 00             | 11 10 @ 17 00                         | Not sold.         | 21 00 @ 21 50     |
| Hemlock.....                          | en131 @ 14          | 11 00 @ 14 50                         | 10 00 @ 12 00     | 11 50 @ 13 75     |
| Yellow pine.....                      | 20 @ 40             | 20 00 @ 30 00                         | 18 00 @ 25 00     | 14 00 @ 20 00     |
| Cypress.....                          | @                   | 28 00 @ 40 00                         | 30 00 @ 35 00     | 30 00 @ 38 00     |
| <b>Clapboards:</b>                    |                     |                                       |                   |                   |
| Pine.....                             | @                   | 38 00 @ 55 00                         | 25 00 @ 30 00     | 14 00 @ 25 00     |
| Spruce.....                           | @                   | 24 00 @ 35 00                         | Not sold.         | Not sold.         |
| <b>Framing Timber:</b>                |                     |                                       |                   |                   |
| Pine.....                             | @                   | @                                     | 15 00 @ 25 00     | 25 00 @ 37 30     |
| Spruce.....                           | 14 00 @ 18 00       | 14 50 @ 18 00                         | Not sold.         | 15 00 @ 21 50     |
| Hemlock.....                          | 12 00 @ 16 00       | 13 00 @ 15 00                         | 10 00 @ 15 00     | 14 00 @ 20 00     |
| Yellow pine.....                      | 18 00 @ 21 00       | 18 00 @ 25 00                         | 16 00 @ 25 00     | 22 50 @ 30 00     |
| <b>Laths: Spruce Slab.....</b>        | 1 50 @ 1 60         |                                       |                   |                   |
| Pine.....                             | Round Wood          | 2 25 @ 2 50                           | 1 90 @ 2 00       | 2 75 @ 3          |



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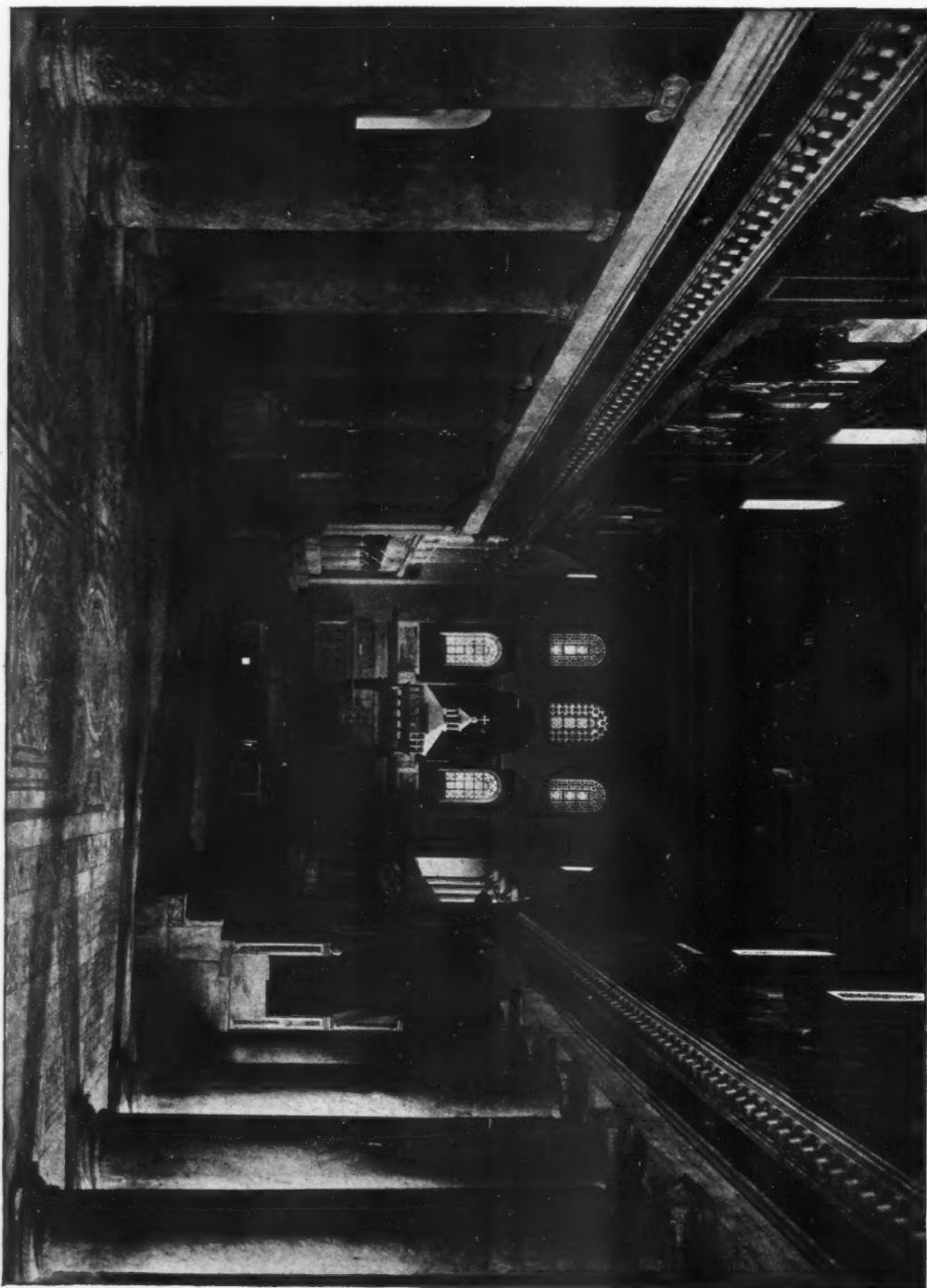
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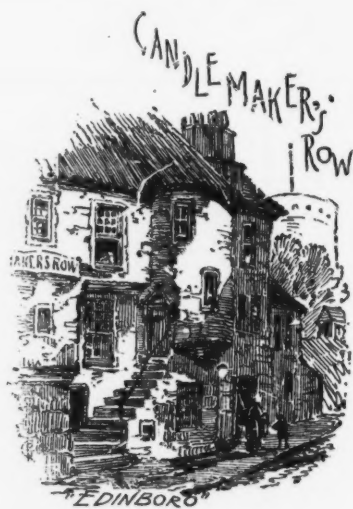
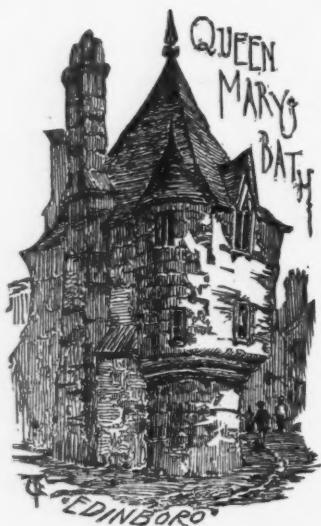
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### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

St. Louis, Mo. — A. B. Groves will be the architect of a \$25,000 church which the Page Boulevard Presbyterian Church is to build on Page and Aubert Aves.

St. Paul, Minn. — Herman Krets & Co., will be the architects of the new St. Vincent de Paul Catholic Church to be built at the corner of Virginia and Blair Sts. It will be of stone, brick and iron, 65' x 100', and cost \$35,000.

St. Peter, Minn. — W. B. Dunnell, of Minneapolis, has plans for 2 iron, stone and brick additions to the Insane Hospital. They will be 40' x 60' each, three-stories, fireproof, and cost \$45,000.

Waltham, Mass. — The School Committee have decided on the Smith property as the site for the new High School Building.

Weymouth, Mass. — Loring & Phipps, of Boston, are the architects of the new High School on Middle St., which will be of brick and stone, slate roof, three stories, 77' x 127'.

Worcester, Mass. — It is said that the competition for the new court-house will be open to all Worcester County architects, and that several others from the large cities will be invited to send designs. The appropriation is \$350,000.

### BUILDING INTELLIGENCE.

#### ALTERATIONS AND ADDITIONS.

Cincinnati, O. — College St., building for sleeping-rooms altered; \$7,000; o., Munro Bath Co.; a., Charles Crapney.

#### APARTMENT-HOUSES.

St. Louis, Mo. — Two two-st'y stores & flats, n s Olive St., bet. Vandevend & Spring Sts.; \$14,000; o., T. Hollinshead.

Five two-st'y stores & flats, e s Goodfellow St., bet. Vermont & Maple Sts.; \$17,000; o., J. S. Rhodes.

Worcester, Mass. — Pleasant St., five-st'y bk. apartment-block, 64' x 93'; \$40,000; o., F. D. Lathrop; e., Norwood & Morton.

#### CHURCHES.

Cincinnati, O. — Main Ave., one-st'y bk. & st. church, 65' x 96'; \$40,000; o., Avondale Presbyterian Church; e., James Griffith & Sons; a., Elzner & Anderson.

#### FACTORIES.

Cincinnati, O. — Fillmore St., six-st'y bk. factory, 48' x 90'; \$10,000; o., Cincinnati Coffin Co.; e., P. Schwalbach; a., A. C. Aldrich.

### BUILDING INTELLIGENCE.

#### HOUSES.

Boston, Mass. — Fellows St., Ward 17, 6 st'y bk. dwells., 20' x 40', flat roofs, stoves; \$25,000; o. & b., M. Dooley, on premises.

Homestead St., nr. Humboldt Ave., Ward 21, two-st'y fr. dwell., 30' x 51', pitch roof, furnace; \$7,000; o., Edwin D. Bell, 85 Water St.; b., W. L. Morrison; a., A. W. Gould.

Orkney Road, nr. Strathmore St., Ward 25, two-st'y fr. dwell., 24' x 38' x 42', pitch roof, furnace; \$9,000; o., Jeannette H. Rogers; b., Edward L. Rogers, Kinross Road.

New St., nr. Burney St., Ward 19, three-st'y fr. dwell., 25' x 54', flat roof, stoves; \$5,000; o., Rosanna Johnson; b., T. Desmond, 1129 Columbus Ave.

Ashmont St., nr. Montague St., Ward 24, two-st'y fr. dwell., 30' x 60', pitch roof, furnace; \$5,000; o., John C. Mullaney, 144 Dudley St.; b., J. A. Sundberg; a., Samuel D. Kelly.

Devon St., nr. Normandie St., Ward 20, two-st'y fr. dwell., 29' x 51', pitch roof, furnace; \$5,000; o. & b., John J. Johnston, Jr., 65 Bainbridge St.

Kenwood St., nr. Washington St., Ward 20, two-st'y fr. dwell., 40' x 40', pitch roof, hot water; \$6,000; o., R. B. Miller, 12 Phipps Ave; a., C. A. Russell; not let.

Walk Hill St., junct. Blue Hill Ave., Ward 24, 2

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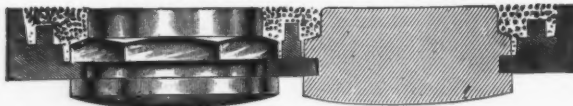
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## BUILDING INTELLIGENCE.

## Houses Continued.)

fr. dwells. & stores, 25' x 40' x 70', flat roofs, hot water; \$10,000; o., S. F. Rand, Munroe St.; a., C. A. Russell.

Tilston St., nr. Blue Hill Ave., Ward 24, two-st'y fr. dwell., 29' x 50', pitch roof, furnace; \$5,500; o., G. S. Clatur, 2 Woodville Park; b., Robt. Hamilton.

Kilton St., nr. Harvard St., Ward 20, two-st'y fr. dwell., 26' x 50', pitch roof, furnace; \$4,500; o., Michael Brennan; b., A. J. Brennan, Nelson St.

Mountain Ave., Ward 24, two-st'y fr. dwells., 25' x 36', pitch roofs, furnaces; \$8,000; o. & b., Nicholas White, 145 Lauriat Ave.

Barry St., nr. Barrington St., Ward 20, two-st'y fr. dwell., 24' x 45', pitch roof, furnace; \$5,000; o. & b., Daniel Riley.

Bellflower St., nr. Boston St., Ward 16, 2 three-st'y fr. dwells., 26' x 60', flat roofs, stoves; \$9,000; o., Reagan & Neylon; b., Dougal & McDougal.

Bernard St., nr. W. Park St., Ward 20, two-st'y fr. dwell., 20' x 26' x 53', pitch roof, furnace; \$5,000; o., Annie M. Hunt; b., J. A. Cruickshank, Carlos St., Dorchester.

Mallett St., nr. Adams St., Ward 24, two-st'y fr. dwells., 22' x 32', pitch roofs, furnaces; \$8,000; o. & b., C. A. McDow, 54 Templeton St.

Brunswick St., nr. Blue Hill Ave., Ward 20, 3 two-st'y fr. dwells., 18' x 27' x 50', pitch roofs, furnaces; \$15,000; o., Wm. V. Fletcher; b., Charles H. Wetmore.

Edson St., nr. Norfolk St., Ward 24, two-st'y fr. dwell., 25' x 49', pitch roof, furnace; \$4,500; o. & b., John R. Miller, Milton Ave., Dorchester.

Saratoga St., nr. Winthrop June, Ward 1, three-st'y fr. dwell. & store, 35' x 50', flat roof, stoves; \$4,500; o. & b., Vincenzo S. Susso, 283 Hanover St.

Mozart St., nr. Chestnut St., Ward 22, three-st'y fr. dwell., 25' x 50', flat roof, stoves; \$4,500; o., Mrs. M. A. Scott; a., James H. Booth, 1158 Columbus Ave.; not let.

Cincinnati, O.—Chase Ave., two 2½-st'y bk. dwells., 24' x 32'; \$6,000; o., Jno. A. Pitts; c., Frank Gillfillin.

Forest Ave., 2½-st'y bk. dwell., 30' x 40'; \$6,000; o., H. S. Livingston; o., M. Marcus; a., Des Jardins & Hayward.

Auburn Ave., 2½-st'y bk. dwell., 39' x 51'; \$10,000; o., Little Cray; c., Wm. H. Stewart's Sons; a., M. H. Barton.

Woodburn Ave., 2½-st'y bk. double dwell., 35' x 67'; \$5,500; o., Minna L. Meyer; c., F. Doelling; a., G. J. Meyer.

Burnet Ave., two 2½-st'y bk. dwells., 28' x 40'; \$6,000; o., a. & c., W. A. R. Tenney.

Philadelphia, Pa.—Locust St., No. 1313, four-st'y st. & bk. dwell., slate roof; o., Mrs. Clement B. Newbold; a., Frank Miles Day & Bro.; b., Franklin M. Harris.

Rye, N. Y.—2½-st'y fr. dwell., 34' x 80'; \$9,000; o., Frank Daniels; a., Child & De Goll, 62 New St., New York City.

St. Louis, Mo.—2½-st'y dwell., o. s Hamilton St., bet. Maple St. & Suburban R. R.; \$5,000; o., Rev. H. Nelson.

Two-st'y dwell., n. s Forest Park Boulevard, bet. Taylor & Euclid Sts.; \$5,000; o., E. Kramer.

Worcester, Mass.—Oread St., three-st'y fr. dwell., 52' x 68'; \$9,000; o., Kelley & Delehanty; a., Johnson & Johnson; c., J. I. Elliott.

Millbury St., three-st'y fr. dwell., 37' x 78'; \$7,000; o., Ralph Ewings; a., E. T. Chapin; c., H. A. Tupper.

## MERCANTILE BUILDINGS.

St. Louis, Mo.—Four-st'y business-rooms, w s Jef-

## BUILDING INTELLIGENCE.

## (Mercantile Buildings Continued.)

erson St., bet. Olive & Locust Sts.; \$10,000; o., G. Schuchmann.

## STABLES.

Cincinnati, O.—John St., three-st'y bk. stable, 34' x 79'; \$5,000; o., Chas. Fleischmann & Co.; c., M. Marcus; a., G. W. Draoh.

## STORES.

Cincinnati, O.—Fifth St., six-st'y bk. & st. store-building, 20' x 140'; \$17,000; o., Sarah O. Devon; c., Jos. Coyle et. al.; a., Giannini & Moorman.

Western Ave., three-st'y bk. store, 16' x 130'; \$6,000; o., Charles Bernhard; c., H. Roenne; a., E. H. Dornette.

Hopkins St., cor. Linn St., four-st'y bk. store, 25' x 87'; \$6,000; o., Jno. Schulte; a., Edw. Schlochtermeyer.

## MISCELLANEOUS.

Cincinnati, O.—Eggleston Ave., two-st'y bk. building & sheds, 42' x 102'; \$15,000; o., Anhauser-Busch Brew. Co.; c., Goldkamp & Son; a., E. Jungenfeld & Co.

Laurel St., cor. Cutter St., two-st'y bk. engine-house, 25' x 100'; \$8,000; o., Cincinnati Fire Commissioners; c., Sutherland & Co.; a., A. R. James.

## COMPETITIONS.

FOR Programmes of Competitions of Society of  
Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

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ARTHUR M. DUNCAN, Recording Secretary Sketch-Club of New York. 1125

## PROPOSALS.

## STEAM-HEATING, ETC.

[At Central Islip and Ward's Island, N. Y.]

Separate proposals are wanted until July 14, for steam-supply for cottage at Central Islip and for water-heater for laundry at Ward's Island. Drawings, etc., at office of I. G. Perry, architect, Capitol, Albany, N. Y., or as below. Address HENRY E. HOWLAND, President of Board of Managers, 1 Madison Ave., New York City. 1124

Separate proposals are wanted until July 13, for steam-heating, plumbing, etc., at Long Island State Hospital. Drawings, etc., at office of I. G. Perry, architect, Capitol, Albany, N. Y., or as below. Address TRUMAN J. BACKUS, President of Board of Managers, Arbuckle Building, Brooklyn, N. Y. 1124

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## PROPOSALS.

## SCHOOL-HOUSE, ETC.

[At Williamansett, Mass.]  
Separate proposals are wanted until July 14, for brick school-house and for heating and ventilating same. Plans, etc., at office of City Clerk, Chicopee. Address JOHN J. HOGAN, Chairman of Committee on City Property, Chicopee. 1124

Treasury Department, Office Supervising Architect, Washington, D. C., July 3, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 3d day of August, 1897, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating apparatus) of the United States Post-office building at Clarksville, Tenn., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Clarksville, Tenn. 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. C. E. KEMPER, Acting Supervising Architect. 1125

Treasury Department, Office Supervising Architect, Washington, D. C., June 25, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 23d day of July, 1897, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete the boiler plant, low-pressure and exhaust steam-heating and mechanical ventilating apparatus required for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Omaha, Neb. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1124

Treasury Department, Office Supervising Architect, Washington, D. C., June 25, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 20th day of July, 1897, and opened immediately thereafter, for all the labor and materials required for the approaches, etc., to the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawing and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1124

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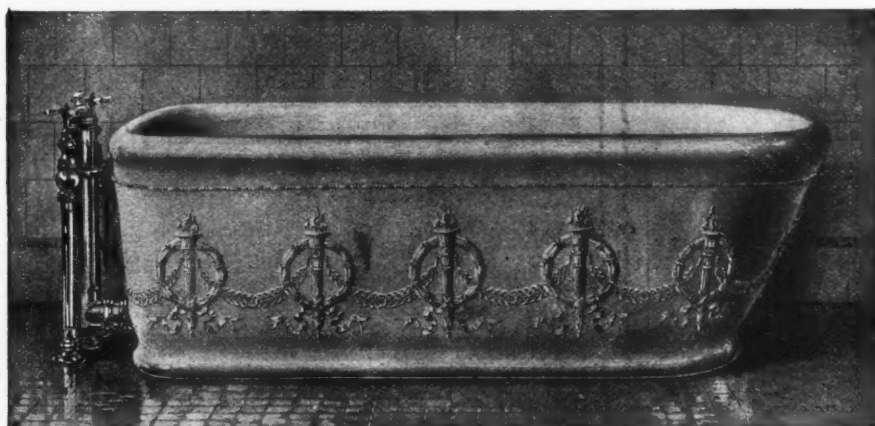
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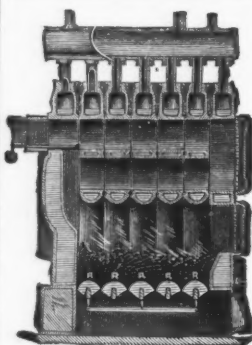
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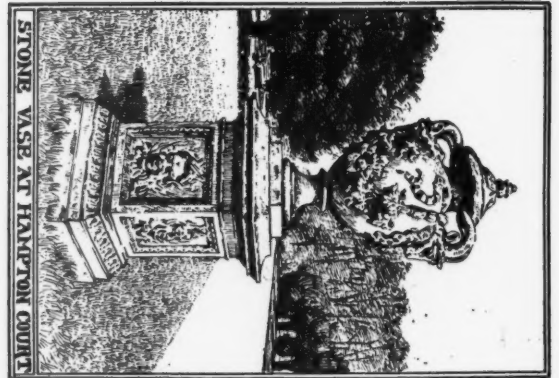
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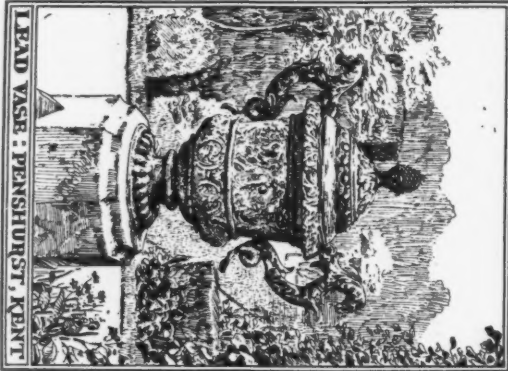
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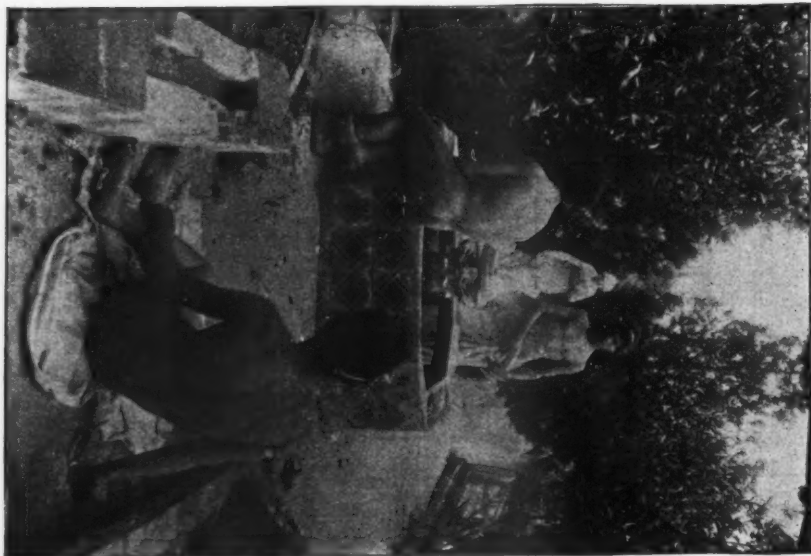
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East Chicago, Ind.

### BUILDING INTELLIGENCE.

#### FACTORIES.

**Boston, Mass.**—E. Ninth St., cor. Burnham St.,  
Ward 15, two-sty' bk. building, 40' x 156', flat roof;  
steam; \$23,000; o., Consolidated Fastener Co.; b.,  
Gooch & Pray; a. & c., Edward A. Buss, 85 Water  
St.  
**Detroit, Mich.**—Spier & Rohus, two-sty' bk. manu-  
factory, 93-97 E. Larned St.; \$7,000.  
**Providence, R. I.**—Dallas Alley, three-sty' bk.  
factory, 50' x 75', comp. roof, steam; \$12,000; o., J.  
Wm. Brady; b., Anthony Bros.  
**W. Riner St.**, one-sty' bk. machine-shop, 75' x 125',  
comp. roof, steam; \$10,000; o., Rhode Island Tool  
Co.; b., O. C. Barney & Son.  
**S. Main St.**, two-sty' bk. machine-shop, 50' x 100',  
comp. roof, steam; \$20,000; o. & b., Fredk. Fuller,  
Fuller Iron Works.  
**Webster, Mass.**—Main St., South Village, four-sty'  
bk. woolen-mill, 60' x 180', comp. roof, steam; \$100-  
000; o., H. N. Slater & Co.; a., F. P. Sheldon,  
Providence, R. I.; not let.  
**Weehawken, N. J.**—Willow Ave. and Eighteenth  
St., two-sty' bk. factory, 82' x 350'; \$50,000; o.,  
Hoboken Land & Improvement Co., Benton, Heath  
& Co., lessees; a., Pollard & Steinam, New York  
City; mason, M. J. Connolly, Jersey City.

#### HOSPITALS.

**Chicago, Ill.**—Chicago Ave. and Franklin St., bk.,  
st. & terra-cotta hospital, 72' x 125'; \$75,000; o.,  
National Medical College; a., E. A. Mayo, 81 Adams  
St.

**New York, N. Y.**—Eleventh St., nr. 7th Ave., five-  
sty' bk. hospital, 89' x 145'; \$200,000; o., Corporation  
of Sisters of Charity of St. Vincent de Paul, on  
premises; a., Scheckel & Dittmars.

#### HOTELS.

**New York, N. Y.**—W. Thirty-third St., Nos. 54-58,  
bk. & st. hotel; \$400,000; o., W. R. H. Martin; b.,  
Charles T. Willis; a., H. J. Hardenburgh.

#### HOUSES.

**Boston, Mass.**—Dudley St., Nos. 872-74, Ward 16, 2

### BUILDING INTELLIGENCE.

#### (Houses Continued.)

bk. dwells. & stores, 22' x 57', flat roofs, steam;  
\$17,000; o., Mary I. Doolittle; b., W. H. Doolittle,  
13 Tremont St.  
**Washington St.**, No. 2453, Ward 18, bk. dwell., 23'  
x 60', flat roof, stoves; \$5,000; o. & b., Louis Beren-  
son; a., C. A. Halstrom, 7 Exchange Pl.  
**Hunneban St.**, nr. Fellows St., Ward 17, 7 bk.  
dwells., 20' x 40', flat roofs, stoves; \$30,000; o., John  
McWeeney, 35 Thorndike St.; b., T. L. Connelly.  
**Marginal St.**, cor. Cornell St., Ward 23, two-sty'  
fr. dwell., 38' x 39', gambrel roof, hot water; \$7,500;  
o., Bertha E. Hopkins; b., Brown Bros., Roslindale.  
**Edison Green**, nr. Dorchester Ave., Ward 16, two-  
sty' fr. dwell., pitch roof, furnace; \$5,000; o. & b.,  
E. F. Brennan, 244 Hancock St., Dorchester.  
**Cambridge Terrace**, nr. Cambridge St., Ward 25,  
two-sty' fr. dwell., 31' x 32' x 38', pitch roof, hot  
water; \$4,500; o., Elisha Cobb; b., A. E. Ellis.  
**Hastings St.**, nr. Centre St., Ward 23, two-sty'  
fr. dwells., 24' x 51', pitch roofs, furnaces; \$12,000;  
o., J. H. Champney; b., M. H. Fossett, 4350 Wash-  
ington St.  
**Howard Ave.**, No. 54, Ward 20, three-sty' fr.  
dwell., flat roof, furnace; \$3,500; o., C. S. Stronach;  
b., J. H. Holmes, 765 Dudley St.  
**Johnson St.**, nr. Jamaica St., Ward 23, two-sty'  
fr. dwell., 25' x 48', pitch roof; \$5,500; o., Michael  
Bridges; b., D. J. Sullivan, Johnson St., Jamaica  
Plain.  
**Temple St.**, nr. Ivory St., Ward 23, two-sty' fr.  
dwell., 29' x 35', pitch roof, furnace; \$5,000; o., M.  
E. Whiting; b., Rolfe & Duran.  
**E. Fifth St.**, Nos. 618-520, 2 three-sty' fr. dwells.,  
25' x 61', flat roofs, stoves; \$10,000; o., Patrick Kaf-  
erty, 3d & K Sts.; not let.  
**Royal Road**, nr. Hooker St., Ward 25, two-sty' fr.  
dwell., 13' x 27' x 45', pitch roof, furnace; \$5,000; o.  
& b., E. C. Williams.  
**Hewlett St.**, nr. Walter St., Ward 23, two-sty' fr.  
dwell., 20' x 48', pitch roof, furnace; \$5,000; o., F.  
B. Bambira; b., Brown Bros., Roslindale.  
**Stonehurst St.**, cor. Norton St., Ward 20, two-sty'  
fr. dwell., 29' x 45', pitch roof, furnace; \$6,500; o.,  
T. J. Murphy, 77 Old Harbor St.; b., George Mc-  
Farlane.

### BUILDING INTELLIGENCE.

#### (Houses Continued.)

**Meridian St.**, nr. W. Eagle St., Ward 1, three-  
sty' fr. dwell., 30' x 62', flat roof, hot water; \$6,000;  
o., David Simpson; b., Dingwell Bros., 80 Eutaw  
St.  
**Eldora St.**, nr. Hillaide St., Ward 19, two-sty'  
fr. dwell., 35' x 39', pitch roof, furnace; \$6,000; o.,  
Christina Kalbkopf, 2 Head Pl.; a., Geo. Zanner;  
not let.  
**Coolidge St.**, nr. Haskell St., Ward 25, two-sty' fr.  
dwell., 31' x 38', pitch roof, furnace; \$4,500; o. & b.,  
Alexander K. Bruce, Somerville.  
**Edison Green**, nr. Pond St., Ward 16, two-sty' fr.  
dwell., 37' x 49', pitch roof, furnace; \$4,500; o. & b.,  
James A. Boyd, 5 Mt. Vernon St., Dorchester.  
**Braintree, Mass.**—Two-sty' fr. dwell., 35' x 40',  
gambrel roof, furnace; \$4,500; o., J. F. Perry; b.,  
C. O. Miller; a., Loring & Phipps, Boston.  
**Brookline, Mass.**—Druce Road, two-sty' fr. dwell.,  
52' x 56', pitch roof, furnace; \$12,000; o., D. Pierce,  
53 State St., Boston; b., H. H. Hunt, West Newton.  
**Naples Road**, nr. Osborn Road, 24-sty' fr. dwell.,  
28' x 36', pitch roof, furnace; \$7,500; o. & b., D. H.  
McKay, 28 School St., Boston; a., Charles E. Park,  
Boston.  
**Salisbury Road**, 5 three-sty' bk. & st. dwells., 20'  
x 42', comp. roof, furnace; \$60,000; o. & b., Benj.  
Fox, 17 Milk St.  
**Naples Road**, nr. Gibbs St., two-sty' fr. dwells.,  
22' x 46', pitch roof, furnace; \$15,000; o. & b., D. H.  
McKay, Boston; a., Samuel J. Brown, Boston.  
**Brooklyn, N. Y.**—Bainbridge St., cor. Rockaway  
Ave., three-sty' bk. dwell. & store, 20' x 69'; \$7,000;  
o., M. E. Gibbons, 313 Bainbridge St.; b., J. C.  
Moore; a., E. Dennis.  
**McDonough St.**, nr. Hopkinson Ave., 7 three-sty'  
bk. dwells., 25' x 63'; \$35,000; o. & b., Charles F.  
Kaiser; a., T. Holmberg.  
**Prospect Pl.**, nr. Kingston Ave., 5 bk. dwells.;  
\$30,000; o., M. J. McLaughlin, 100 Kosciusko St.;  
a., Jno. L. Young.  
**Fifty-fifth St.**, nr. 4th Ave., three-sty' bk. dwell.,  
20' x 45'; \$6,000; o., Hamilton, 271 Fifty-second St.;  
a., T. W. Edwards.



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## BUILDING INTELLIGENCE.

(Houses Continued.)

Broadway, cor. Heyward St., four-sty bk. dwell.  
& store, 32' x 60'; \$30,000; o., Empire State Dairy  
Co.; a., Theo. Englehardt.  
Dean St., nr. New York Ave., 2 three-sty bk.  
dwells, 20' x 50'; \$20,000; o. & b., Wm. Seals, Bedford  
Ave., cor. Park Pl.  
S. Ninth St., nr. Roebing St., 2 bk. dwells.; \$32,-  
000; o., D. Mahr; a., Benj. Finkenseiper.  
Detroit, Mich.—Marx Bros., fr. dwell., 198 Iroquois  
Ave.; \$5,000.  
A. R. Forrester, fr. dwell., 26 Blaine Ave.; \$5,000.  
Mason & Rice, bk. dwell., 1057 Cass Ave.; \$20,000.  
Nicholson Building Co., fr. dwell., 278 Putnam  
Ave.; \$5,500.  
A. Chapoton, st. & fr. dwell., 163 Van Dyke Ave.;  
\$6,000.  
Spier & Rohus, architects, bk. dwell., 1897 Wood-  
ward Ave.; \$26,000.  
A. E. D. Allen, bk. dwell., 35 Medbury Ave.;  
\$9,000.  
W. H. Traves, bk. double dwell., 265-7 Warren  
Ave.; \$7,000.  
R. A. Bailey, bk. & fr. dwell., 67 Delaware Ave.;  
\$5,000.

Leicester, Mass.—Cherry Valley, 2½-sty fr. dwell.,  
40' x 50', pitch roof, furnace; \$5,000; o. & b., Edw.  
McDermott.

Leominster, Mass.—2½-sty fr. dwell., 30' x 40',  
pitch roof, furnace; \$6,000; o., J. T. Pratt, Chicago;  
a., G. W. Howe; not let.

Malden, Mass.—Las Casas Road, two-sty fr. dwell.,  
30' x 42', shingle roof, steam; \$8,000; o., William C.  
Keene; b., S. A. Tobey; a., H. M. Stephenson,  
Boston.

Salem St., two-sty fr. dwell., 28' x 47', shingle  
roof, furnace; \$6,000; o., E. E. Neal, 22 Franklin  
St.; a., Ford & Mercer.

Manchester, N. H.—Sagamore St., 2½-sty fr. dwell.,  
30' x 50', shingle roof, furnace; \$5,000; o., a. & b.,  
Wm. M. Butterfield.

New Bedford, Mass.—Arnold Pl., 2½-sty fr. dwell.,  
30' x 40', shingle roof, furnace; \$5,000; o., Charles  
R. Price; a., Angell & Swift, Providence, R. I.

Newton, Mass.—Washington St., opp. Post-office,  
two-sty fr. dwell., 34' x 50', pitch roof, furnace;  
\$9,000; o., F. M. Lowe, Boston; b., H. D. McGray;  
a., Gay & Proctor, Boston.

Moffatt Road, two-sty fr. dwell., 35' x 42', shingle  
roof, furnace; \$6,500; o., E. W. Conant; b., W. B.  
McMullen, 4 Lincoln St.; a., Lewis H. Bacon,  
Boston.

Parker St., two-sty fr. dwell., 30' x 44', pitch roof,  
furnace; \$6,000; o., Nettie E. Summers; b., George  
H. Holbrook.

Seaford Road, two-sty fr. & bk. dwell., 35' x 58',  
pitch roof, furnace; \$15,000; o., Alice D. Titton; b.,  
Charles F. Mead; a., Henry F. Bigelow, Boston.

Kirkcaldy St., two-sty fr. dwell., 35' x 44', pitch  
roof, hot air; \$7,000; o., Geo. P. Thresher; b., John  
H. Keenan; a., John A. Hasty, Boston.

Hyde Ave., two-sty fr. dwell., 34' x 50', pitch  
roof, furnace; \$9,000; o., Mrs. W. H. Harker; b.,  
George L. Pringle; a., Henry McLean, 14 St. James  
St.

New York, N. Y.—Eighty-second St., nr. Park Ave.,  
five-sty bk. & st. dwell., 25' x 88'; \$25,000; o., Mrs.  
Mary Carter; a., Harry T. Howell, 748 E. 138th St.  
Fifty-fifth St., nr. 5th Ave., four-sty bk. dwell.;  
\$25,000; o., Caroline C. Kendal, et. als.; b., Harvey  
Murdoch; a., C. P. H. Gilbert.

North Adams, Mass.—Main St., 2½-sty fr. dwell.  
& office, 30' x 50', pitch roof, steam; \$6,000; o., Dr.  
George L. Rice; day-work.

Providence, R. I.—S. Water St., 2½-sty fr. dwell.,  
30' x 50', shingle roof, hot air; \$5,000; o., E. L.  
Spink; b., C. F. Sanford.

Pittman St., 2½-sty fr. dwell., 32' x 50', shingle  
roof, hot air; \$5,000; o., Nancy Sullivan; b., Cong-  
don Bros.

Lexington Ave., 2½-sty fr. dwell., 30' x 51', shingle  
roof, hot air; \$5,000; o., Minerva E. Bliss; b., I. W.  
Bliss.

Homestead St., 2½-sty fr. dwell., 30' x 50', pitch  
roof, hot air; \$5,000; o., Emma A. Handy; b., Daniel  
Handy.

Somerville, Mass.—Walnut St., nr. Bow St., two-  
sty fr. dwell., 34' x 50', pitch roof, furnace; \$6,000;  
o. & b., S. Blaikie, 24 Walnut St.

Westchester, N. Y.—Three-sty fr. dwell., 59' x 62';  
\$12,000; o., S. Duncan Marshall; a., Jos. H. Tait,  
33 E. 20th St.

## OFFICE-BUILDINGS.

New York, N. Y.—Broadway, cor. Maiden Lane,

## BUILDING INTELLIGENCE.

(Office-buildings Continued.)

twelve-sty bk. & st. office-building, 25' 8" x 50'; o.,  
Geo. F. Wilcoxson, 1971 Seventh Ave.; a., C. P. H.  
Gilbert, 18 Broadway.

Forty-fifth St., cor. 5th Ave., seven-sty bk., st. &  
terra-cotta store & office-building, 60' x 100'; o., J.  
T. Tower; a., James B. Baker, 156 Fifth Ave.

## STABLES.

Boston, Mass.—Grampian Way, No. 147, fr. stable,  
25' x 39', pitch roof; \$1,000; o., H. Howard, on  
premises; b., D. W. Eddy & Co.

Congreve St., nr. South St., Ward 23, fr. stable,  
11' x 19' x 37'; \$1,500; o., Minnie E. Gray; b., A. C.  
Anderson, 1131 Tremont St.

Perham St., nr. Ivory St., Ward 23, fr. stable, 22'  
x 22', pitch roof; \$500; o. & b., James E. Cole, on  
premises.

Linden St., nr. Montgomery St., Ward 23, fr.  
stable, 21' x 24', pitch roof; \$500; o. & b., A. J.  
Chappelle, on premises.

Brookline, Mass.—Hammond St., rear, No. 29, 1½  
sty fr. stable, 18' x 27', pitch roof; \$700; o., A.  
Vogel, 29 Harvard St.; b., N. B. Hurd.

Brooklyn, N. Y.—Union St., nr. 7th Ave., fr. stable;  
\$15,000; o., P. Blaney, 165 Pacific St.; b., T. B.  
Rutan; a., A. N. Ross.

Heyward St., nr. Broadway, three-sty bk. stable,  
44' x 94'; \$10,000; o., Empire State Dairy Co., 480  
Broadway; a., Theo. Englehardt.

Cambridge, Mass.—First St., rear, No. 215, two-  
sty fr. stable, 25' x 50', flat roof; \$600; o., Ginn &  
Co., 215 First St.; b., N. Marsh.

Leominster, Mass.—Stable, 15 stalls; \$6,000; o., J.  
T. Pratt, Chicago, Ill.; a., G. W. Howe.

Medford, Mass.—Auburn St., 2½-sty fr. stable, 17'  
x 22'; \$300; o., Mrs. J. B. Washburn; b., Thomas  
Duffy, 40 Myrtle Ave.

Main St., No. 590, 1½-sty fr. stable, 18' x 25'; \$400;  
o., H. Thulin, 590 Main St.; b., Otto Olsen.

Spring Ave., 1½-sty fr. stable, 18' x 28', pitch roof;  
\$600; o., S. S. Higgins; b., A. A. Smith, Somerville.

New Bedford, Mass.—Griannel St., 1½-sty fr. stable,  
20' x 30'; \$800; o., Frank P. Medeiros; b., Frank S.  
Reca.

## COMPETITIONS.

FAMILY BURIAL VAULT IN THE SIDE  
OF A HILL.

[At New York, N. Y.]

Drawings to be to the scale of one-quarter inch to  
one foot of plan, elevation and section. Rendered at  
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Drawings to be delivered at the Sketch-Club Rooms,  
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second and third, will be admitted to membership in  
the Sketch-Club without the payment of initiation  
fee and first quarter's dues. The drawings will be  
adjudged by the Advisory Board of the Club, com-  
posed of practising architects of New York City.  
ARTHUR M. DUNCAN, Recording Secretary Sketch-  
Club of New York. 1125

FOR Programmes of Competitions of Society of  
Beaux-Arts Architects for 1897, see *American  
Architect* for April 24, 1897. t.f.

## PROPOSALS.

## STATE-HOUSE.

[At St. Paul, Minn.]

NEW CAPITOL FOR THE STATE OF MINNESOTA.  
St. Paul, July 13, 1897.

Sealed proposals in duplicate will be received at  
the office of the Board of State Capitol Commis-  
sioners, 512 Endicott Building, St. Paul, Minnesota,  
until 2 o'clock P. M. on the 10th day of August,  
1897, for all labor and material required for the  
general construction of the superstructure, and the  
structural iron and steel for the New State Capitol  
building at St. Paul, in accordance with the draw-  
ings and specifications, which may be seen at the  
office of the Board on and after July 17, 1897. Copies  
of said drawings and specifications may be obtained  
from Cass Gilbert, architect, 521 Endicott Building,  
St. Paul, upon payment of the cost of such reproduc-

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For venting, use vented outlet

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PATENT SEWER-GAS AND BACK-WATER TRAP,  
For Wash-Bowls, Sinks, Bath and Wash-Tub  
West Cleveland, O.

## PROPOSALS.

tions, and a deposit of \$100, such deposit to be re-  
turned to the bidder upon return of the drawings and  
specifications. Each bid must be accompanied by a  
certified check for a sum not less than \$5,000, pay-  
able to the order of said Board, as a guarantee of good  
faith. The right is reserved to reject any and all bids  
and to waive any defect or informality in any bid, if  
it be deemed in the interest of the State to do so.  
Proposals received after the time stated will be re-  
turned to the bidders. Proposals must be made upon  
printed forms which will be furnished by the Board,  
and must be enclosed in envelopes, sealed, and  
marked "Proposals for Superstructure for new Min-  
nesota State Capitol at St. Paul," and addressed to the  
Board of State Capitol Commissioners. For the  
Board of State Capitol Commissioners. CHANNING  
SEABURY, Vice-President. 1126

Treasury Department, Office Supervising Architect,  
Washington, D. C., July 8, 1897. Sealed proposals  
will be received at this office until 2 o'clock P. M. on  
the 10th day of August, 1897, and opened immediately  
thereafter, for all the labor and materials required  
for the erection and completion (except heating appa-  
ratus, vault doors and tower clock) of the United  
States Post-office, etc., building at Paterson, N. J.,  
in accordance with the drawings and specification,  
copies of which may be had at this office or the office  
of the Superintendent at Paterson, N. J. 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 open-  
ing will be returned to the bidders. CHARLES E.  
KEMPER, Acting Supervising Architect. 1126

Treasury Department, Office Supervising Architect,  
Washington, D. C., July 3, 1897. Sealed proposals  
will be received at this office until 2 o'clock P. M. on  
the 3d day of August, 1897, and opened immediately  
thereafter, for all the labor and materials required  
for the erection and completion (except heating appa-  
ratus) of the United States Post-office building at  
Clarksville, Tenn., in accordance with the drawings  
and specification, copies of which may be had at this  
office or at the office of the Superintendent at Clark-  
sville, Tenn. 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 in-  
formality 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.  
C. E. KEMPER, Acting Supervising Architect. 1125

# THE J. L. MOTT IRON WORKS,

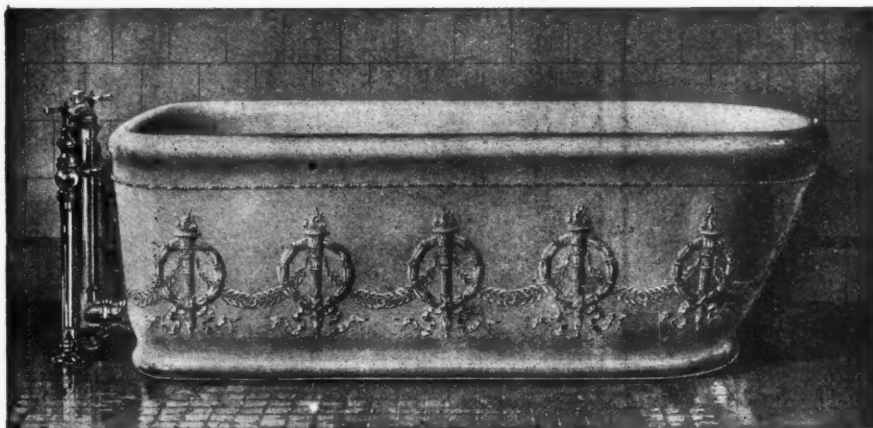
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Imperial Porcelain Roll-Rim Bath, the "Granada," 4 ft. 6 in. long, Embossed Decoration, "Empire," with all Nickel-plated Supply Fittings, Unique Waste, Cauldon China Handles and Pipes to floor.

|     |     |     |     |                   |
|-----|-----|-----|-----|-------------------|
| Do. | do. | do. | do. | 5 ft. 0 in. long. |
| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

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A Monthly Review of Modern Art.

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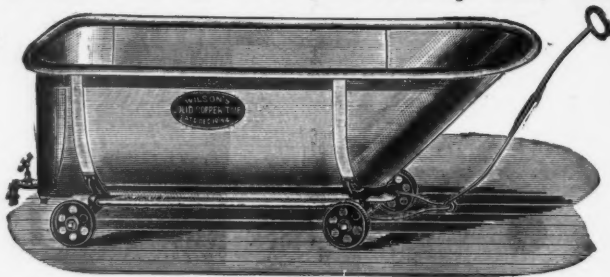
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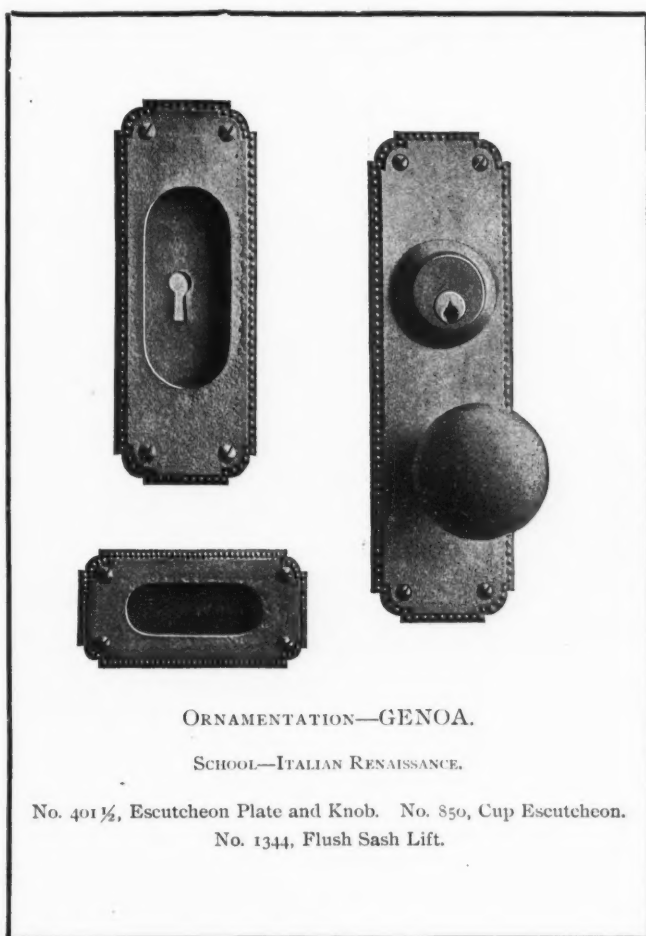
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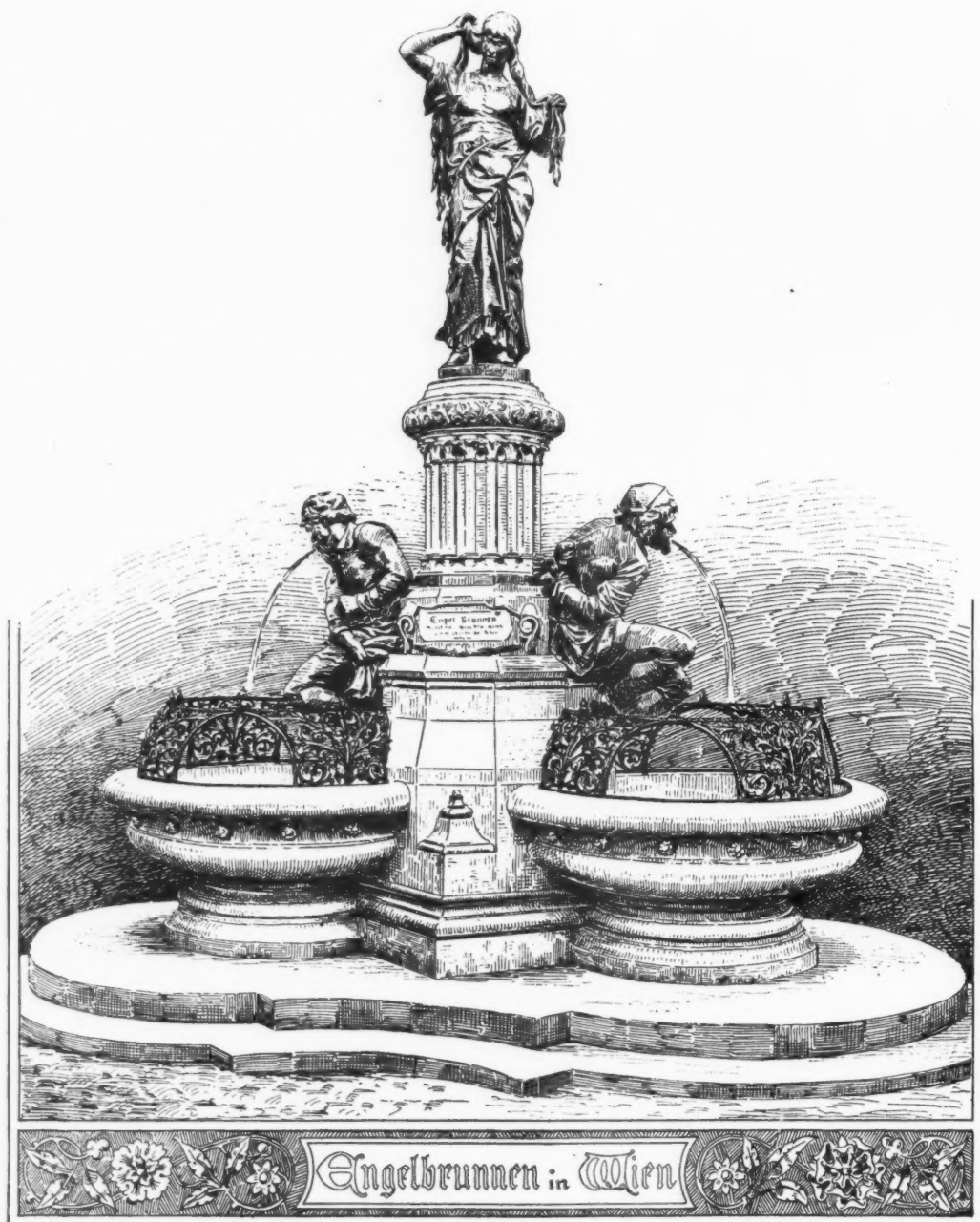
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TIFT, H. H.,  
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CAMP MFG. CO.,  
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GRAY & STEBBINS,  
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EDDY & SONS., C. K.,  
Saginaw, Mich.  
MITCHELL & McCLURE,  
Duluth, Minn.  
NICHOLS LUMBER CO., C. H.,  
Onalaska, Wis.  
NO. WISCONSIN LUMBER CO.,  
Hayward, Wis.  
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### POPLAR.

BENNETT & WITTE,  
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FARRIN, M. B.,  
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San Francisco, Cal.

### VENEERS.

LITCHFIELD, W. E.,  
308 Exchange Bldg., Boston, Mass.  
SPURR & CO., CHAS. W.,  
110 Boylston St., Boston, Mass.

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CUMMINGS BROS.,  
Houston, Tex.  
LESH, PROUTY & ABBOTT CO.,  
East Chicago, Ind.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

for a mercantile block, 90' x 125', nine stories, of brick, terra-cotta and glass, steel skeleton construction, flat roof, steam; cost about \$200,000.

**Cleveland, O.**—Reports state that four new school buildings are to be erected this season.

It is stated that plans are being prepared by Architects Lehman & Schmitt, for a twelve-story business building to be erected on Ontario St., to cost about \$300,000.

**Columbus, Ga.**—D. B. Woodruff is preparing plans for a new \$15,000 synagogue.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**Corsicana, Tex.**—The contract for the erection of the new school-building at the State Orphan's Home has been awarded to D. Mahoney, of Waxahatchie, at \$13,000.

**Des Moines, Ia.**—The City Council has called for plans and specifications for a \$20,000 Memorial Hall building.

**Dubuque, Ia.**—It is stated that plans are being prepared by Egan & Prindiville, architects, Chicago, Ill., for an addition to Sinsinawa Mound Academy, to cost about \$30,000.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**Duluth, Minn.**—The contract for constructing the new St. Mary's Hospital has been awarded to MacLeod, Campbell & Smith. It is estimated to cost \$75,000.

**East Douglas, Mass.**—The citizens voted on July 8 to build a \$15,000 school-house.

**East Orange, N. J.**—Frederick M. Shephard has submitted to the East Orange Township Committee, a proposition to build a handsome town-hall, to cost \$50,000, and rent it to the town for \$3,000 per year.





# THE J. L. MOTT IRON WORKS,

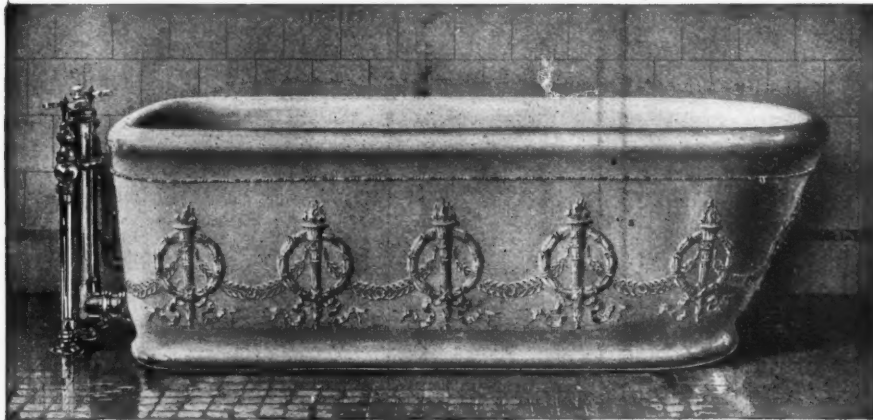
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332 & 334 BOYLSTON STREET, BOSTON.

WAINWRIGHT BUILDING, ST. LOUIS. — FLOOD BUILDING, SAN FRANCISCO.

## IMPERIAL PORCELAIN ROLL-RIM BATHS: THE "GRANADA."



COPYRIGHT, 1896, BY THE J. L. MOTT IRON WORKS. PLATE 1395-G. REDUCED PLATE.

Imperial Porcelain Roll-Rim Bath, the "Granada," 4 ft. 6 in. long, Embossed Decoration, "Empire," with all Nickel-plated Supply Fittings, Unique Waste, Cauldon China Handles and Pipes to floor.

|     |     |     |     |                   |
|-----|-----|-----|-----|-------------------|
| Do. | do. | do. | do. | 5 ft. 0 in. long. |
| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

CIRCULARS MAY BE HAD ON APPLICATION.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**Williamstown, Mass.**—M. E. Cummings & Co., of Ware, have been awarded the contract to build the new High School on Southworth Ave., at \$26,240, so report states.

**Wilmington, Del.**—A two-sty brick and stone church, 52' x 80', and to cost \$20,000, is to be built on the corner of Jackson and 6th Sts., from plans by Emil Hartmann, of Philadelphia, for the Zion German Lutheran Church; seating capacity for 500.

**Yonkers, N. Y.**—C. C. Chipman, 220 Broadway, New York City, and G. Howard Chamberlain, 1183 Broadway, New York City, have been selected architects for the additions to Schools Nos. 6 and 7 respectively.

**York, Pa.**—Local report states that the Dunner property on N. George St., upon which is a large two-sty brownstone house, is to be purchased by the City for \$12,000. The structure to be remodelled and arranged for a City-hall, embracing mayor's court, police headquarters, ambulance and patrol station.

### HOUSES.

**Boston, Mass.**—Commonwealth Ave., No. 470, Ward 11, four-sty bk. dwell., 28' x 70', flat roof, steam; \$25,000; o., Dr. Horace Packard, 362 Commonwealth Ave.; b., W. A. & H. A. Root; a., Winslow & Wetherell.

**Barnes St., nr. Dorchester Ave.,** Ward 24, three-sty fr. dwells., 24' x 37', flat roofs, stoves; \$14,000; o., Annie C. Stewart; b., J. D. Stewart, 46 Edwin St., Dorchester.

**Canterbury St.,** Ward 23, two-sty fr. dwell., 17' x 36' x 51', pitch roof, furnace; \$4,500; o., Susie Wiedemann; b., Fredk. Settig; a., George Zunner.

**Lonsdale St., nr. Dorchester Ave.,** two-sty fr. dwell., 24' x 42', pitch roof, furnace; \$4,500; o. & b., W. E. Starrett, 7 Lincoln St., Dorchester.

**Dorchester Ave., nr. Roach St.,** Ward 20, three-sty fr. dwell., 25' x 32', flat roof, stoves; \$4,500; o., John Kelleher; a., T. J. Desmond, 1129 Columbus Ave.; not let.

**Allston Heights, nr. Edgemont St.,** Ward 25, two-sty fr. dwell., 21' x 29' x 46', pitch roof, furnace; \$6,500; o., Samuel B. Chapleigh, 36 Broad St.; a., Henry P. Clark, Studio Building; not let.

**Locust St., nr. Buttonwood St.,** Ward 16, 3 three-sty fr. dwells., flat roofs, stoves; \$14,000; o., Coleman J. Foley, 1083 Dorchester Ave.; b., John C. Foley.

**Millett St., nr. W. Park St.,** Ward 20, two-sty fr. dwell., 28' x 40', pitch roof, furnace; \$4,500; o., R. A. Moore; b., Burgess & McPherson, 91 Whitfield St.

**Normandie St., nr. Laurence Ave.,** Ward 20, 2 two-sty fr. dwells., 27' x 53', pitch roofs, furnaces; \$10,000; o. & b., Henry J. Boden, 12 Holden St.

**Virginia St., nr. Bird St.,** Ward 16, 2-sty fr. dwell., 21' x 42' x 58', hip roof, furnace; \$9,000; o., Chas. E. Barnes, 65 Bird St.; b., Harry D. Gerrish; a., Arthur F. Gray.

**Arundel St., nr. Beaumont St.,** Ward 24, 2-sty fr. dwell., 34' x 40' x 47', hip roof, furnace; \$7,000; o., Josiah B. Scott; a., Jos. T. Greene, 12 Pearl St., not let.

**Lonsdale St., nr. Dorchester Ave.,** Ward 24, two-sty fr. dwell., 27' x 46', pitch roof, furnace; \$4,500; o. & b., Frank Alward, Mattapan.

### BUILDING INTELLIGENCE.

(Houses Continued.)

**Perkins St., nr. Centre St.,** Ward 22, 2-sty fr. dwell., 36' x 40' x 56', pitch roof, hot water; \$25,000; o., A. Tomfohrde, 45 Court St.; b., John McNamara; a., Wm. Holmes.

**Burney St., nr. Tremont St.,** Ward 19, 2 three-sty fr. dwells., 22' x 48', flat roofs, stoves; \$9,000; o., John McCarthy; b., T. J. Desmond, 1129 Columbus Ave.

**Humboldt Ave., cor. Howland St.,** Ward 21, two-sty fr. dwell., 20' x 40' x 50', pitch roof, steam; \$12,000; o., M. L. & A. B. Fitzgerald; b., J. A. Vickery & Son; a., Wm. G. Preston.

**Bay State Road, nr. Raleigh St.,** Ward 11, four-sty bk. dwell., 22' x 58', flat roof, steam; \$20,000; o., Mrs. E. B. Osgood; b., Connery & Wentworth, 22 Pemberton Sq.; a., Fehmer & Page.

**Austin St. and Brookline Ave.,** Ward 19, 4 three-sty bk. dwells., 22' 6" x 45', flat roofs, stoves; \$20,000; o. & b., L. J. O'Toole, Northampton St., cor. Columbus Ave.

### OFFICE-BUILDINGS.

**Boston, Mass.**—Beacon St., Nos. 12-14, Ward 7, eight-sty bk. office-building, 64' x 114' x 122', flat roof, steam; \$150,000; o., American Congregational Society; a., Shepley, Hutton & Coolidge; not let.

### STABLES.

**Boston, Mass.**—Walden St., rear, No. 18, two-sty fr. stable, 20' x 20', flat roof; \$600; o., Margaret Dolan; b., Charles Dolan, on premises.

**Detroit, Mich.**—A. Kruger, two-sty bk. barn, 69 Elliot St.; \$3,400.

**New York, N. Y.**—Park Ave., No. 870, two-sty bk. stable, 25' x 90'; \$14,000; o., W. W. & T. M. Hall, 503 Fifth Ave.; a., A. M. Welch.

### TENEMENT-HOUSES.

**Cambridge, Mass.**—Bay and Green Sts., three-sty fr. flats, 51' x 60' flat roof, furnace; \$10,000; o., Sidney H. Buttrick, Trustee, 19 Milk St., Boston; a., J. F. Cobb, Melrose.

### WAREHOUSES.

**New York, N. Y.**—Thirteenth Ave., bet. Little W. 12th & Bloomfield Sts., three-sty bk. storage warehouse, 100' x 319'; \$60,000; o., F. W. Seagrist, Jr., 141st St. & Grand Boulevard; a., Farnsworth & Miller.

### MISCELLANEOUS.

**Boston, Mass.**—Albany St., nr. Massachusetts Ave., Ward 12, three-sty bk. laundry, 39' x 91', flat roof, steam; \$35,000; o., City of Boston (City Hospital); a., Wheelwright & Haven; not let.

**Roland St., nr. Carter St.,** Ward 4, three-sty bk. brewery, 26' x 45' x 77', flat roof, steam; \$60,000; o., Puritan Brewing Co.; b., J. J. & T. F. Mack, Salem; a., Hettinger & Hartmann.

**Bristol, R. I.**—Three-sty fr. & st. sanitarium, 60' x 200', slate roof, steam; \$30,000; o., Hopeworth Sanitarium Corporation; a., H. K. Hilton, Providence.

**Brunswick, Me.**—Two-sty bk. st. & iron railway station, slate roof, steam; \$40,000; o., Maine Central R. R.; not let.

**Detroit, Mich.**—E. Larned St., Nos. 836-891, bk. armory; \$50,000; a., Malcomson & Higginbotham.

### BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

**Pawtucket, R. I.**—Three-sty bk. convent, 60' x 100', flat roof, steam; \$15,000; o., Sacred Heart Parish, Rev. John A. Harty, pastor; a., Martin & Hall, Providence.

**Providence, R. I.**—Atwells Ave., two-sty bk. & st. dye-house, 75' x 110', comp. roof, steam; \$15,000; o., Queen Dyeing Co.; b., A. C. J. Larnard.

### COMPETITIONS.

#### CLUB-HOUSE.

[At Montclair, N. J.] Competitions for plans for the new club-house of the Y. M. C. A. are to be held. Apply to JOHN R. LIVERMORE, Chairman of Building Committee.

#### SEAL.

[At Washington, D. C.] The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1129

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

### PROPOSALS.

#### ASPHALT PAVING.

[At Washington, D. C.] Sealed proposals will be received at this office until 12 o'clock M., Saturday, July 31, 1897, for paving various streets and avenues with sheet asphalt. Blank forms of proposals, specifications and all necessary information may be obtained at the office of the Engineer Commissioner, D. C. JOHN W. ROSS, JOHN B. WIGHT, W. M. BLACK, Commissioners, D. C. 1127

#### COURT-HOUSE.

[At Wooster, O.] Bids are wanted August 4, for making improvements to the court-house. W. M. MILLER, Chairman County Commissioners. 1127

#### MEMORIAL HALL.

[At Wabash, Ind.] Bids are wanted August 2, for constructing the Soldiers' Memorial Hall. B. F. WILLIAMS, County Auditor. 1127

#### COURT-HOUSE.

[At Pittsburgh, Pa.] Bids are wanted at the office of the Custodian July 23, for repairs to the United States Court-house. Address CUSTODIAN. 1126

#### HEATING AND VENTILATING.

[At Athens, O.] Bids are wanted August 9, for heating and ventilating several buildings of the Athens State Hospital. DR. E. H. BORICK, Superintendent Athens State Hospital. 1127

[Continued on page xiv.]



## PROPOSALS.

## STEEL AND IRONWORK.

[At St. Paul, Minn.]  
Bids are wanted August 10, (change of date) for the general construction of the superstructure and the structural iron and steel for the new State Capitol Building. CHANNING SEABURY, Vice-President State Capitol Commissioners. 1127

## HOSPITAL BUILDINGS.

[At Overbrook, N. J.]  
Bids are wanted August 6, for erecting a new wing and a new boiler-house for the Essex County Hospital to be erected here. C. W. HELLMAN, Chairman Committee on Buildings Board Chosen Freeholders, Newark, N. J. 1127

## COURT-HOUSE.

[At Brunswick, Ga.]  
Proposals will be opened August 3, for the erection and completion of the new court-house for which \$40,000 has been appropriated. For plans and specifications, address J. C. LEHMAN, Clerk of County Commissioners. 1126

## STATE-HOUSE.

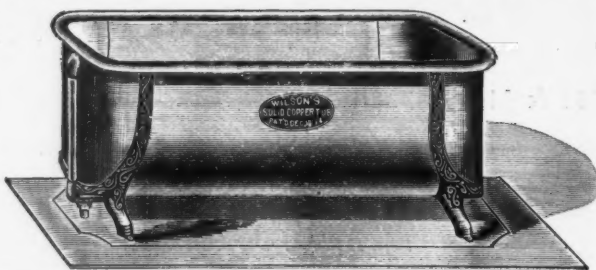
[At St. Paul, Minn.]  
NEW CAPITOL FOR THE STATE OF MINNESOTA.  
St. Paul, July 13, 1897.  
Sealed proposals in duplicate will be received at the office of the Board of State Capitol Commissioners, 512 Endicott Building, St. Paul, Minnesota, until 2 o'clock P. M. on the 10th day of August, 1897, for all labor and material required for the general construction of the superstructure, and the structural iron and steel for the New State Capitol building at St. Paul, in accordance with the drawings and specifications, which may be seen at the office of the Board on and after July 17, 1897. Copies of said drawings and specifications may be obtained from Cass Gilbert, architect, 521 Endicott Building, St. Paul, upon payment of the cost of such reproductions, and a deposit of \$100, such deposit to be returned to the bidder upon return of the drawings and specifications. Each bid must be accompanied by a certified check for a sum not less than \$5,000, payable to the order of said Board, as a guarantee of good faith. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the State to do so. Proposals received after the time stated will be returned to the bidders. Proposals must be made upon printed forms which will be furnished by the Board, and must be enclosed in envelopes, sealed, and marked "Proposals for Superstructure for new Minnesota State Capitol at St. Paul," and addressed to the Board of State Capitol Commissioners. For the Board of State Capitol Commissioners. CHANNING SEABURY, Vice-President. 1126

Treasury Department, Office Supervising Architect, Washington, D. C., July 8, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 10th day of August, 1897, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating apparatus, vault doors and tower clock) of the United States Post-office, etc., building at Paterson, N. J., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Paterson, N. J. 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. CHARLES E. KEMPER, Acting Supervising Architect. 1126

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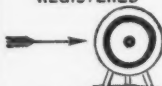
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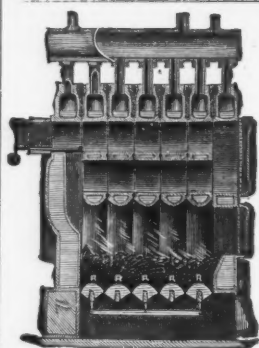
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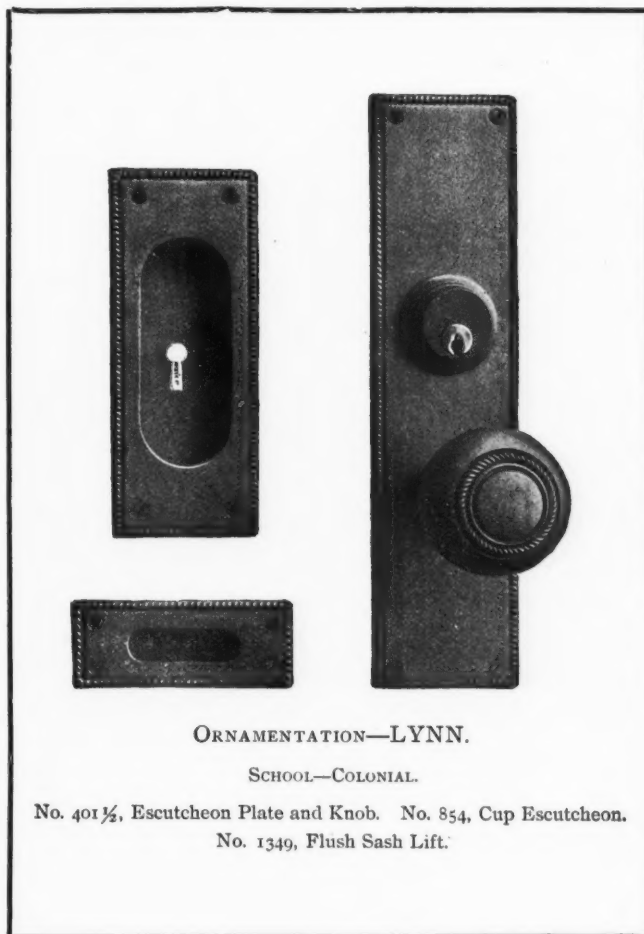
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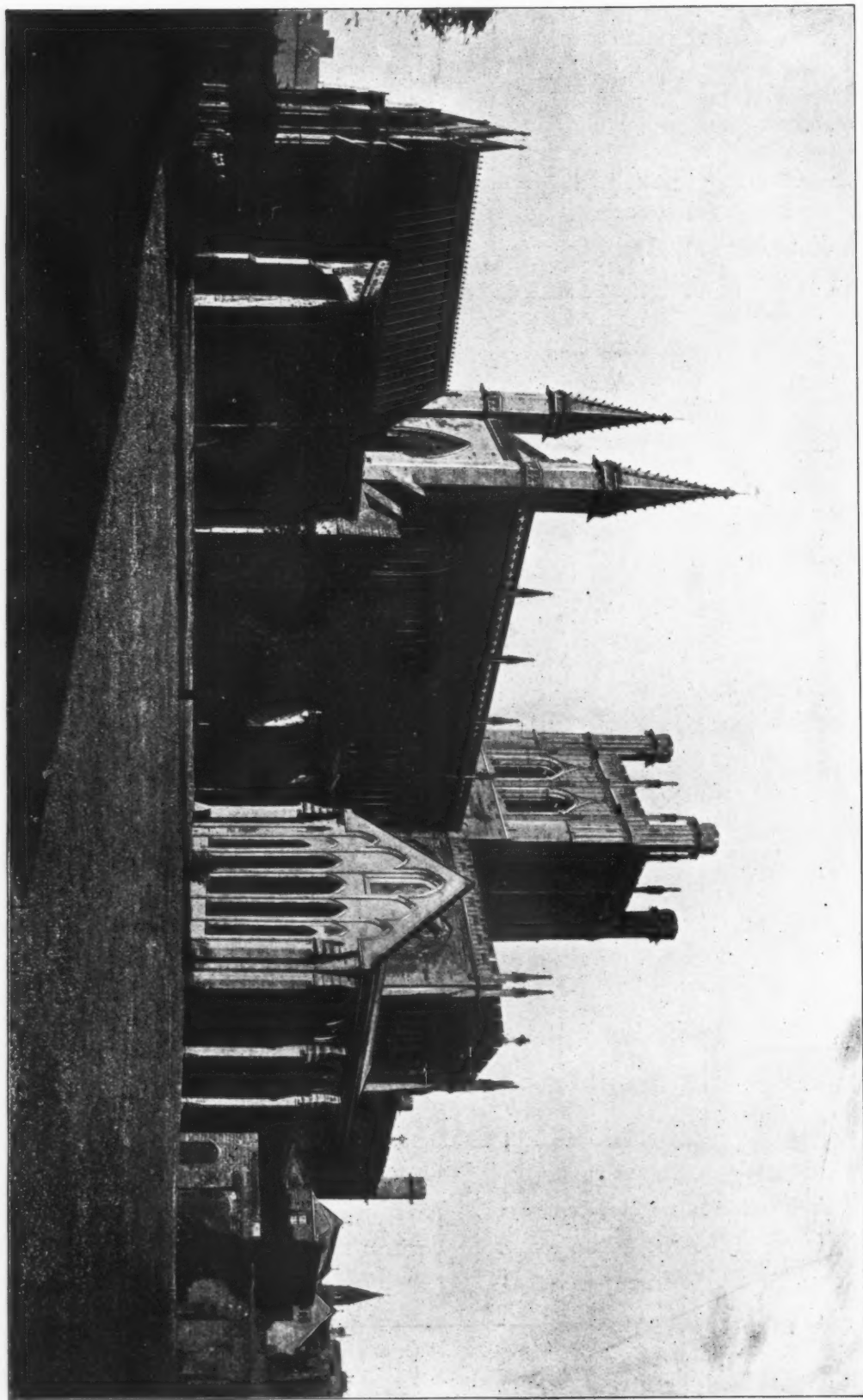
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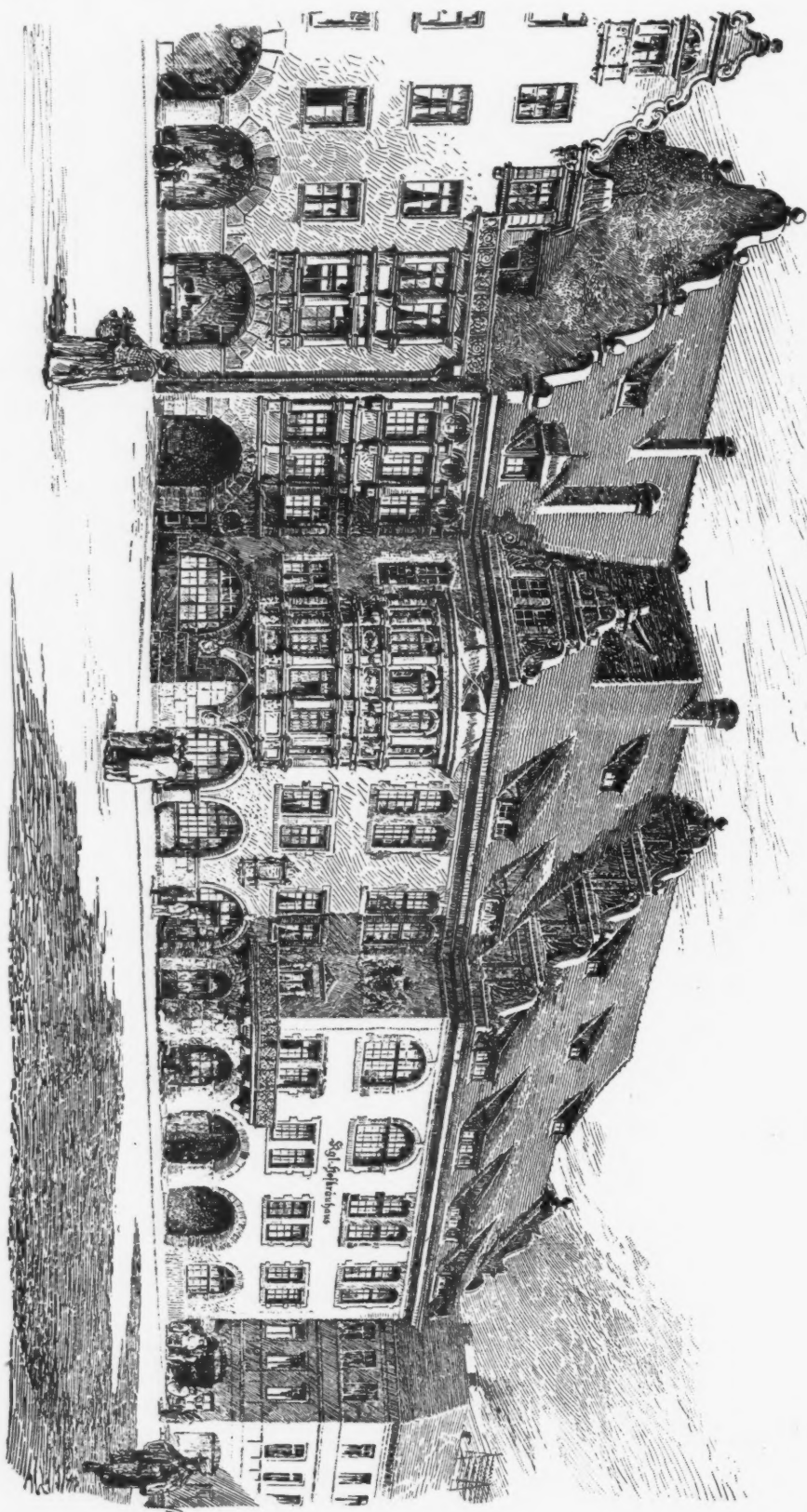
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## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

already acquired \$15,000. A marble structure to cost \$20,000 is proposed and will be called the Hall of Christ. It will be used as a gallery of sacred art, and repository for sacred literature.

**Chelsea, Mass.**—The Board of Aldermen have located a site on Winnisimmet St. upon which to erect the proposed \$50,000 new police station. G. H. Tilton, Chairman Public Property Commissioners; D. W. Gould, Chairman Police Commissioners. It will be an open competition for plans.

**Chicago, Ill.**—It is stated that a new cell-house to cost about \$50,000 is to be erected at the Bridewell Institution. Adolph Sturm, Superintendent of the Bridewell.

**Concord, N. H.**—The plans are completed for the new building at St. Paul's School in this city, which is expected to cost about \$100,000. The removal of the present buildings to make room for the new one is already under way. Contracts will be made upon the return of the rector, Rev. J. H. Collett, D. D., LL.D., from Japan.

**Corinth, N. Y.**—The Baptist Society of this place conjointly with the Y. M. C. A. are to erect a \$6,000 pressed-brick lodge building.

**East Boston, Mass.**—St. John's Episcopal Church Society are about to build a new church, 62' x 196', near the corner of Marion and Lexington Sts. It will be of brick, with terra-cotta trimmings; seating capacity 400.

**East St. Louis, Ill.**—A press report states that a new depot will shortly be erected here by the Depot Company to cost about \$70,000.

**Galveston, Tex.**—The contract for constructing the county court-house, for which bids were opened July 12, has been awarded to Texas Construction Co., of Fort Worth, Tex., for \$168,920.73.

**Indianapolis, Ind.**—The contract for building the new police station has been awarded to the J. A. Schumacher Co., at \$54,980.

**Lexington, Ky.**—Plans have been prepared for a new court-house. It is estimated that the building, which is to be fireproof, will cost \$85,000.

**Marlboro, Mass.**—The contract for building the new High School has been awarded to J. K. Warren & Co., at \$37,438.

**Mechanicville, N. Y.**—A new Presbyterian Church building is to be erected. It will be of brick and stone, 50' x 118', and cost \$13,000.

**Menasha, Wis.**—Mr. E. D. Smith, a manufacturer, has given to the town a tract of land worth \$25,000 for a public park, and \$25,000 additional for a public library.

**Menomonie, Wis.**—H. F. Allen, of Chippewa Falls, has been awarded the contract for the rebuilding of the Stout Manual Training School, at \$56,498.

**Milwaukee, Wis.**—\$55,000 have been appropriated for a new school-house to be erected in the 7th Ward.

## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**New Haven, Conn.**—Plans are being prepared by Architects Brown & Van Buren for the new hotel to be erected on Temple St., nr. Crown St. The first story is to be of light-colored stone, all above that of light brick. Building will be lighted by electricity and heated by steam. Bids will be called for in a few days.

**New Rochelle, N. Y.**—The officials of the First Methodist Episcopal Church met on Saturday evening, July 17, and decided to rebuild the church at once. Committees on Finance and Building were appointed.

**New York, N. Y.**—The Park Board on July 19 accepted the report on the plans and specifications for the new buildings for the New York Botanical Garden in Bronx Park. The report was prepared by Director M. D. Britton. Robert W. Gibson and the Lord & Burnham Co. were appointed architects.

The twelve successful architects competing with plans for the New York Public Library Building, to be erected on the site of the 42d St. reservoir, are: J. H. Friedlander, 24 W. 22d St.; Haydel & Shepard, 156 Fifth Ave.; H. Hornbostel, Geo. E. Wood and Geo. C. Palmer, 63 William St.; Howard & Cauldwell, 10 E. 23d St.; Lord, Hewlett & Hall, 16 E. 23d St.; Clarence S. Luce, 9 St. Mark's Pl., New Brighton; Parish & Schroeder and Francis L. Ellingwood, 1 Madison Ave.; Roos & Weber, Mutual Life Building, 32 Nassau St.; W. Wheeler Smith, associated with Walker & Morris, 7 Wall St.; C. W. & A. A. Stoughton, 96 Fifth Ave.; James E. Ware & Son, 487 and 489 Fifth Ave., and Whitney Warren, 160 Fifth Ave.

The Marist Brothers, owners, will erect a college building on Lexington Ave., s w cor. 77th St., 102' 2" x 145', to be used in connection with the Church of St. Jean Baptiste, 76th St., bet. 3d and Lexington Aves. No architect has as yet been selected.

The University Settlement Society, 26 Delaney St., will build a club-house, 67' x 80', to cost \$100,000, to be five stories and of Colonial design. Site selected is corner of Eldridge and Livingston Sts.

The erection of a handsome new church edifice is contemplated by the congregation of Amity Baptist Church on the site of the present church on W. 54th St., just west of 8th Ave. Work on it may be begun this summer. No plans have been drawn as yet, though the congregation is ready to proceed with the work as soon as it is deemed expedient. It is further intended to erect a large five-story building just east of the church for a Baptist Deaconesses Home.

The site for the College of the City of New York has been decided and purchased in part. The Executive Committee of the Board of Trustees have appointed Mr. Little, Mr. Montant and General Webb as a special sub-committee to take charge of the arrangements of the competition for plans, after the size and nature of the building, number of rooms and similar questions are settled.

The Board of Estimate and Apportionment passed a resolution on May 20 to remove all of the buildings from the City-hall Park except the City-hall

## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

and the County Court-house. This takes away the fire-house in the brownstone building, and some provision had to be made for a new site for a fire-house for Hook and Ladder No. 1 and Engine Company No. 7. The Board of Estimate asked the Fire Department to get a site for a new house, and the department sent word to Comptroller Fitch, who selected the site at the corner of Chambers St. and Park Row, the ground and houses of which are owned by the city. The houses now there will be torn down upon the approval of the Board of Estimate of the selection. The fire-house will be near the corner at Nos. 4, 6 and 8 Chambers St. and Nos. 90 and 92 Park Row. The front of the new building will be on the Chambers St. side.

**Passaic, N. J.**—A new club has been organized in Passaic which projects the erection of a club-house, to cost about \$40,000, on the old Episcopal Church property; it is said that Architect F. W. Wentworth, Paterson, N. J., will prepare the plans. Gen. Byrd W. Spencer, Wm. D. Ryan (lawyer), Mr. Morrell (of Campbell, Morrell & Co., building material), J. J. Slater (Treasurer of Passaic Print Works), and Hamilton K. Beatty, of H. B. Claffin & Co., 224 Church St., New York, are the chief promoters.

**Peoria, Ill.**—Plans have been prepared by Reeves & Baillie, architects, for the Administration Building and two new wings to be erected at the Insane Asylum.

B. F. Rhodehamel, Manager of the Peoria Grape Sugar Company, whose main building was destroyed by fire last evening, with a loss of half a million, arrived from Chicago this morning and began preparations for rebuilding. The work will be pushed as soon as the insurance is adjusted.

**Philadelphia, Pa.**—Arthur Williams' Sons, contractors, will begin work on July 31 on the new eight-story warehouse for the Pennsylvania Warehousing and Safe Deposit Company, on the west side of 23d St. above Race St. The plans for the proposed structure were drawn by Architect Gustavus Wynne Cook, of Lansdowne, and it is estimated that the work will cost \$100,000.

**Pittsburgh, Pa.**—The Pennsylvania College for Women will erect a two-story brick addition and a four-story extension to the college building on 5th Ave. The plans have been prepared by Miss Mercuer, of Pittsburgh, and the estimated cost is \$15,000.

**Pittsfield, Mass.**—It is said that Inspector Cowell is to make plans for the proposed new bicycle academy and coliseum building. At present there is no place where a large public meeting can be held, aside from the Academy of Music.

**Port Clinton, O.**—A press report states that the County Commissioners have decided to rebuild and enlarge the court-house at a cost of \$100,000.

**Poughkeepsie, N. Y.**—Contractors are figuring on the addition to the Home for Old Ladies, for which \$25,000 were donated. The extension will be 45' x



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## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

100', of brick and stone and four stories high. Plans were drawn by Corydon Wheeler, who will also have charge of the construction.

**Somerville, Mass.**—The plans of Aaron H. Gould, of Boston, have been accepted for a 12-room school-house, to be built on the corner of Beach St. and Elm Pl.; cost about \$54,000.

**South Orange, N. J.**—Seton Hall College will erect a library building to cost about \$25,000. Plans will be made by Architect J. O'Rourke & Sons, Newark.

**St. Louis, Mo.**—Mr. A. D. Brown, President of the Hamilton-Brown Shoe Co., will build a ten-story steel building on the southeast corner of Washington Ave. and 12th St. The building will be of the most modern design and will afford this mammoth shoe-house excellent shipping facilities.

**Westfield, Mass.**—The contract for the parochial school to be erected on the corner of Bartlett and Mechanic Sts. by St. Mary's Parish has been awarded to George R. Boddgett, who will break ground at once for the new structure. The school will cost over \$20,000 and will be of brick with brownstone trimmings. It will contain eight rooms and a hall in the basement. The plans were drawn by Curtis G. Page, of Northampton.

**White Plains, N. Y.**—The committee on rebuilding the county jail has decided to report in favor of the plans submitted by the Champion Iron Co., of Kenton, O., which would cost about \$50,000.

**Williamansett, Mass.**—Arthur Perrault has the contract to build the new school, at \$13,700.

**York, Pa.**—The City Board of School Control have held a special meeting to complete the necessary details for the erection of the new High School Building. It is to cost \$125,000.

## APARTMENT-HOUSES.

**Chicago, Ill.**—Woodlawn Ave., Nos. 6201-7, 4 three-story bk. & st. flats, one 24' x 73' and three 22' x 61', steam; \$32,000; o., T. J. Leonard; a., A. Sandgren, 144 Dearborn St.; not let.

**Morgan St., nr. Jackson Boulevard**, three-story & base bk. & st. flat, 25' x 70', steam; \$9,000; o., Rebecca S. Wentworth; a., Flanders & Zimmerman, 1521 Masonic Building.

## CHURCHES.

**St. Louis, Mo.**—Two-story church, s. w. corner 14th & Mallenckrodt Sts.; \$85,000; o., Holy Trinity Parish; a., Hy. Westmann.

## HOUSES.

**Boston, Mass.**—Dorset St., nr. Blue Hill Ave., Ward 20, two-story fr. dwell., 25' x 37', pitch roof, furnace; \$4,000; o. & b., George W. Johnson.

**Normandy St., nr. Lawrence Ave.**, Ward 20, 3 two-story fr. dwell., 25' x 37', pitch roofs, furnaces; \$12,000; o. & b., George W. Johnson, 32 Maywood St.

**St. Alphonsus St., nr. Calumet St.**, Ward 19, two-story fr. dwell., 25' x 47', pitch roof, stoves; \$4,500; o., Lizzie Reilly, 101 Longwood Ave.; b., Foush & Wanger.

**Pleasant St., nr. Thornley St.**, Ward 20, two-story fr. dwell., 28' x 50', pitch roof, furnace; \$5,000; o., Charlotte A. Powell, 72 Mayfield St.; a., Samuel Rantin & Son.

**Hillside St., nr. Adams St.**, Ward 24, two-story fr. dwell., 36' x 37', pitch roof, hot water; \$5,500; o., J. M. Grunickshank, 2 Denver St.; a., A. M. Bowser; not let.

**Denny St., nr. Savin Hill Ave.**, Ward 20, two-story fr. dwell., 28' x 43', pitch roof, furnace; \$4,500; o. & b., J. C. Comman & P. Le Blanc, Waltham; a., Ford & Mercer, Malden.

**Cambridge Terrace, nr. Cambridge St.**, Ward 25, two-story fr. dwell., 34' x 52', pitch roof, hot water; \$5,000; o. & b., John Williams, Allston Sq.

**Edison Green, nr. Pond St.**, Ward 16, two-story fr. dwell., 28' x 49', pitch roof, furnace; \$4,500; o., Francis J. Mulligan, 13 Galena St.; b., Eldon A. Clark.

**Coolidge St., nr. Haskell St.**, Ward 25, two-story fr. dwell., 25' x 32', pitch roof, furnace; \$5,500; o., John B. Young, Newton.

**Charlotte St., nr. Blue Hill Ave.**, Ward 20, two-story fr. dwell., 30' x 41', pitch roof, hot water; \$5,000; o., R. J. Harmon, 19 Laurel St.; b., J. H. Davidson.

**Chestnut Hill Ave., nr. Sutherland Road**, Ward 25, 2½-story fr. dwell., 22' x 33' x 52', pitch roof, furnace; \$15,000; o., Adelaide J. Sargent, Englewood Ave.; b., H. H. Hunt; a., Wm. F. Goodwin.

**Cottage Terrace, nr. E. Cottage St.**, Ward 17, 10

## BUILDING INTELLIGENCE.

(Houses Continued.)

three-story fr. dwell., 23' x 47', flat roofs, stoves; \$35,000; o., Gipson & Knight, 180 Dudley St.; b., T. C. Creher, 41 Dudley St.

**Plant Ave., Bickford and Parker Sts.**, Ward 22, 7 three-story fr. dwell., 23' x 41', flat roofs, stoves; \$25,000; o. & b., Lomer Labaise, 41 Cranston St.; a., T. Frank Power, 1032 Exchange Building.

**Glenway, nr. York St.**, Ward 20, two-story fr. dwell., 30' x 46', pitch roof, furnace; \$5,000; o., Sophia Walmer; b., Victor Walmer, Bradshaw St., Dorchester.

**Lawrence Ave., nr. Blue Hill Ave.**, Ward 20, three-story fr. dwell., 25' x 55', flat roof, stoves; \$5,000; o. & b., George W. Johnson, 32 Maywood St.

**Spring St., nr. Pelton St.**, Ward 23, two-story fr. dwell., 28' x 39', pitch roof, hot water; \$4,500; o., Louis H. Hamlin; b., Levi V. Berry; a., E. J. Lewis, Jr.

**Monroe Terrace, nr. Train St.**, Ward 21, two-story fr. dwell., 19' x 28' x 38', pitch roof, furnace; \$4,500; o. & b., Charles S. Cornwall, 3 Montague St., Dorchester.

**Esmond St., nr. Blue Hill Ave.**, Ward 20, two-story fr. dwell., 30' x 53', pitch roof, hot water; \$6,000; o. & b., Charles J. Bateman, 7 Exchange Pl.

**Decon St., Nos. 82-84**, 2 two-story fr. dwell., 28' x 53', pitch roofs, furnaces; \$10,000; o. & b., A. C. Chisholm, 100 Devon St.

**Mountford St., nr. Beacon St.**, Ward 11, 3 three-story bk. dwell., 21' x 85', flat roofs, steam; \$30,000; o. & b., Morris Gutlon.

**Kennard Ave., cor. Kennard Ct.**, Ward 8, three-story bk. dwell., 19' x 36' x 38', flat roof, stoves; \$6,000; o. & b., Israel Rosenberg, 130 Brighton St.

**Auburn St., cor. Brighton St.**, Ward 8, three-story bk. dwell., 17' x 52', stoves; \$7,000; o. & b., Joseph Miller; a., W. E. Clarke, 15 Court Sq.

**Brookline, Mass.—University Road**, nr. Beacon St., 2½-story fr. dwell., 38' x 51', pitch roof, furnace; \$8,000; o., John Moseley; b., A. L. McLachlin, Brighton; a., Herbert Moseley, Boston.

**Cambridge, Mass.—Spring St., No. 70**, three-story fr. dwell., 25' x 83', flat roof, stoves; \$6,000; o., C. J. Lynch, 157 Leverett St., Boston; b., J. Quinn.

**Detroit, Mich.**—Malcomson & Higginbotham, two-story bk. dwell., 31 Ledyard St.; \$10,000.

**Medford, Mass.—Warren St.**, 2½-story fr. dwell., 28' x 38', pitch roof, furnace; \$5,000; o. & b., John A. Chisholm, 32 Winchester St.

**New Bedford, Mass.—Page and Grape Sts.**, 2½-story fr. dwell., 36' x 45', pitch roof, stoves; \$5,000; o., Frederick Walters; b., George A. Bosworth.

**Bonney St., three-story fr. dwell.**, 50' x 72', comp. roof, furnace; \$6,000; o., Margaret De Mello; b., Fredk. Hazard.

**Newton, Mass.—Craft and Washington Sts.**, two-story fr. dwell., 36' x 38', shingle roof; \$5,000; Dr. F. M. O'Donnell, 619 Washington St.; b., E. J. Healey; a., A. F. Haynes, Watertown.

**St. Louis, Mo.**—Two-story dwell., w. s. Marcus St., bet. McMillan St. & Suburban Railroad; \$5,000; o., Gustave H. George.

**Two-story dwell., s. s. Clemens St.**, bet. Goodfellow & Clara Sts.; \$5,000; o., Charles D. Balm.

**Two-story dwell., s. s. Botanical St.**, bet. Spring & Vandeventer Sts.; \$6,000; o., Harry Wuertenbacher.

**Two-story store & dwell.**, e. s. Boyle St., bet. Maryland & McPherson Sts.; \$12,000; o., Miss N. Patiere.

**Two-story dwell., n. s. Delmar St.**, bet. Clarendon & Academy Sts.; \$5,000; o., C. H. Ober.

**Washington, D. C.—Seventeenth St., N. W.**, No. 919, four-story bk. dwell., st. trimmings, 33' x 62', flat roof, hot water; \$25,000; o., Miss K. W. Myer; b., John McGregor; a., Hornblower & Marshall.

**Little's Farm, nr. 18th St.**, 10 three-story bk. dwell., 17' x 27', with two-story ell, 12' x 19', flat roofs, furnaces; \$50,000; o. & b., John Sherman; a., Waddy B. Wood.

**Cleveland Park, 2½-story fr. cottage**, 22' x 35', hip roof; \$5,000; o., Jas. Lane Allen; b., Jerry Simpton; a., Waddy B. Wood.

**Worcester, Mass.—Grafton St.**, three-story fr. dwell., 24' 6" x 62'; \$5,000; o., R. Cody; c., J. A. McDermott.

**Tirrell St., two-story fr. dwell.**, 48' x 52'; \$6,800; o., H. A. F. Hoyt; a., C. A. Lincoln; c., J. A. Courtmanche.

**Mt. Hope St., two-story fr. dwell.**, 38' x 48'; \$6,000; o., E. B. Hagg; a., B. S. Newton; c., H. G. Hadley.

## WAREHOUSES.

**New York, N. Y.**—Franklin St., nr. W. Broadway, six-story bk. warehouse, 69' x 71' x 94'; \$80,000; o., Henry G. Gabay, 892 Third Ave.; a., Henry Anderson, 1180 Broadway.

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## COMPETITIONS.

SUPERVISING ARCHITECT, Treasury Department,  
September 10, 1897.

The United States Civil Service Commission announces a competitive examination to fill the vacancy in the position of Supervising Architect of the Treasury. The salary of this position, which is one of the most important and responsible under the government, is \$4,500 per annum, and it is hoped that architects of high attainments and reputation may be induced by these considerations to enter the competition. It is the desire of the Department to secure a practical architect of high administrative ability to direct and supervise the work of the office force, as well as the contract work done on public buildings throughout the country.

Those who enter the competition will be required to submit:

1. On blanks to be furnished by the Commission, statements relative to their training, education and technical experience.
2. Drawings or sketch-plans, specifications and photographs or other suitable illustrations of buildings designed by them as architects, or constructed under their supervision as superintendents of construction; and other information relating to such buildings of which competitors will be advised upon inquiry of the Commission.
3. (a) A thesis relative to designing and construction, and (b) a thesis relative to office administration.
4. In addition to the foregoing tests, competitors will be required to appear on September 10, at points convenient to their places of residence where the Commission has suitable accommodations, to undergo a test in formulating a scheme for competition for a public building and in criticising designs submitted to them for their guidance and inspection.

The information called for under each of the first three heads above mentioned must be forwarded to the Commission by each competitor on or before September 10. The test under the fourth head will be given on September 10. The examination papers will be rated under the direction of the Commission by a Board of distinguished architects.

Those who desire to enter the competition should write at once to the United States Civil Service Commission, Washington, D. C., for application blanks and other information relating to the examination.

July 21, 1897. 1132

## COURT-HOUSE.

[At Worcester, Mass.]

The County Commissioners have decided to receive designs for the proposed new court-house from all architects residing in the county and three other architects outside the county.

1127

## INSANE ASYLUM BUILDINGS.

[At San Antonio, Tex.]

Plans and specifications will be received August 10 for additional buildings at the Southwestern Insane Asylum at San Antonio. DR. W. W. MACGREGOR, Superintendent, San Antonio.

1127

FOR Programmes of Competitions of Society of  
Beaux-Arts Architects for 1897, see *American  
Architect* for April 24, 1897. t.f.

## SEAL.

[At Washington, D. C.]

The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C.

1129

# THE J. L. MOTT IRON WORKS,

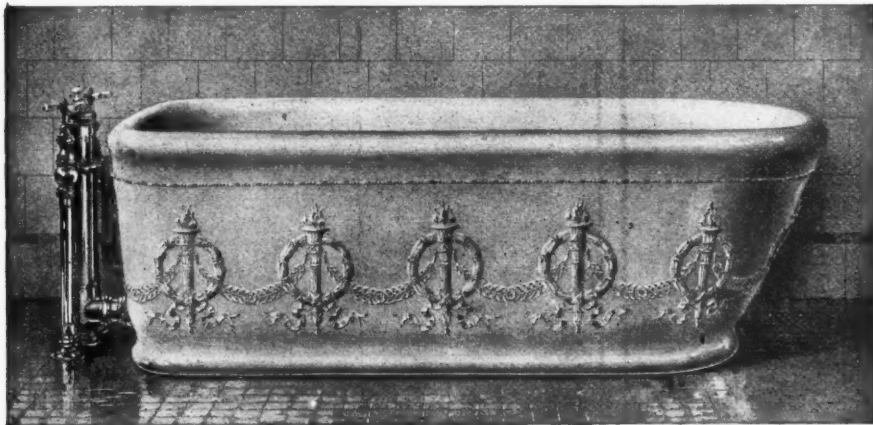
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| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

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### COMPETITIONS.

#### CLUB-HOUSE.

[At Montclair, N. J.]

Competitions for plans for the new club-house of the Y. M. C. A. are to be held. Apply to JOHN H. LIVERMORE, Chairman of Building Committee.

### PROPOSALS.

#### STEAM-HEATING.

[At Fort Yates, N. D.]

Bids are wanted August 14, for a steam-heating plant for the Industrial Boarding School. JOHN W. CRAMSIE, U. S. Indian Agent. 1128

#### HOSPITAL.

[At Topeka, Kan.]

Bids are wanted August 12, for erecting a building for the accommodation of the insane at Winfield; also for erecting an additional wing to the State Insane Asylum at Topeka. S. C. WHEELER, Secretary Board Trustees State Charitable Institution. 1128

#### FIRE-STATION.

[At Cleveland, O.]

Bids are wanted August 14 for constructing a fire-station on Kinsman St. G. H. HECHLER, Director Fire Service. 1128

#### MASONRY WORK.

[At Hartford, Conn.]

The contract for the masonry-work of the new police building has been awarded to O'Neil & Walsh, of this city, at \$31,150. Watson H. Bliss & Sons were awarded the contract for the carpenter-work at \$28,200. 1128

#### HEATING APPARATUS.

[At Athens, O.]

Bids are wanted August 9, for heating and ventilating several buildings of the Athens State Hospital. DR. E. H. RORICK, Superintendent Athens State Hospital. 1128

#### HEATING APPARATUS.

[At Holyoke, Mass.]

The undersigned will receive proposals till 7 o'clock P. M., August 6, for furnishing and placing in position a heating and ventilating system for the almshouse of the city of Holyoke. THE BOARD OF PUBLIC WORKS, James H. Newton, Chairman. 1128

Treasury Department, Office Supervising Architect, Washington, D. C., July 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of August, 1897, and opened immediately thereafter, for all the labor and materials required for rolling iron shutters above second story for the United States Appraiser's Warehouse, New York, N. Y., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at New York, N. Y. 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, 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

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### PROPOSALS.

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Treasury Department, Office Supervising Architect, Washington, D. C., July 27, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 31st day of August, 1897, and opened immediately thereafter, for furnishing all the labor and materials required for trench excavation, concrete foundations, ironwork and brick arches of terrace, and stone and brickwork of basement, area and terrace walls for the United States Mint building at Philadelphia, Pa., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent of the Mint at Philadelphia, 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 for opening will be returned to the bidders. C. E. KEMPER, Acting Supervising Architect. 1128

#### COURT-HOUSE.

[At Wooster, O.]

Bids are wanted August 4, for making improvements to the court-house. W. M. MILLER, Chairman County Commissioners. 1127

#### HEATING AND VENTILATING.

[At Athens, O.]

Bids are wanted August 9, for heating and ventilating several buildings of the Athens State Hospital. DR. E. H. RORICK, Superintendent Athens State Hospital. 1127

#### ASPHALT PAVING.

[At Washington, D. C.]

Sealed proposals will be received at this office until 12 o'clock M., Saturday, July 31, 1897, for paving various streets and avenues with sheet asphalt. Blank forms of proposals, specifications and all necessary information may be obtained at the office of the

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### PROPOSALS.

Engineer Commissioner, D. C. JOHN W. ROSS, JOHN B. WIGHT, W. M. BLACK, Commissioners, D. C. 1127

#### MEMORIAL HALL.

[At Wabash, Ind.]

Bids are wanted August 2, for constructing the Soldiers' Memorial Hall. B. F. WILLIAMS, County Auditor. 1127

#### STEEL AND IRONWORK.

[At St. Paul, Minn.]

Bids are wanted August 10, (change of date) for the general construction of the superstructure and the structural iron and steel for the new State Capitol Building. CHANNING SEABURY, Vice-President State Capitol Commissioners. 1127

#### HOSPITAL BUILDINGS.

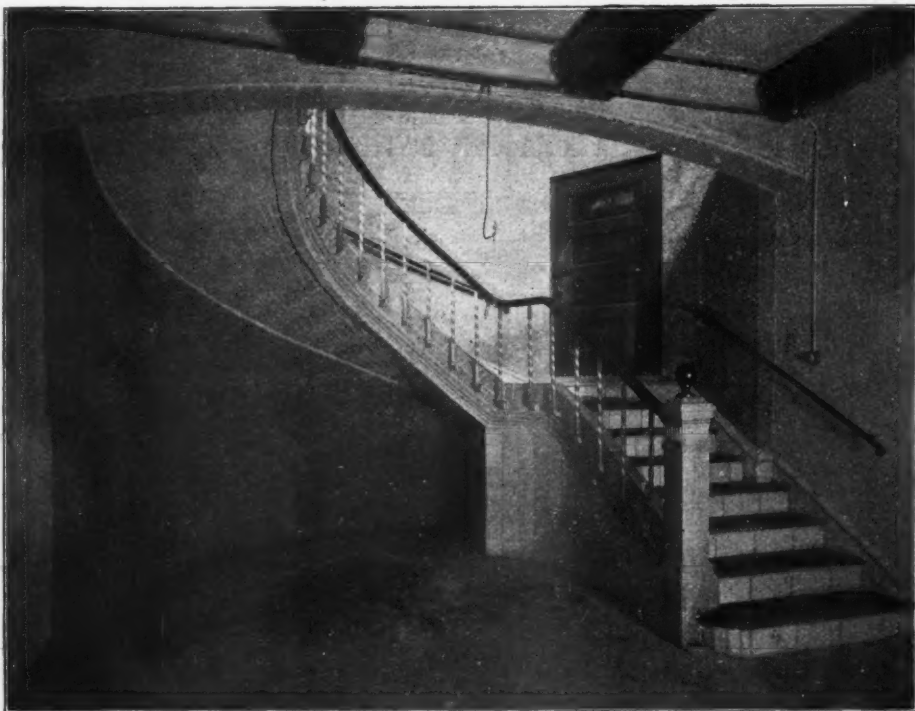
[At Overbrook, N. J.]

Bids are wanted August 6, for erecting a new wing and a new boiler-house for the Essex County Hospital to be erected here. C. W. HEILMAN, Chairman Committee on Buildings Board Chosen Freeholders, Newark, N. J. 1127



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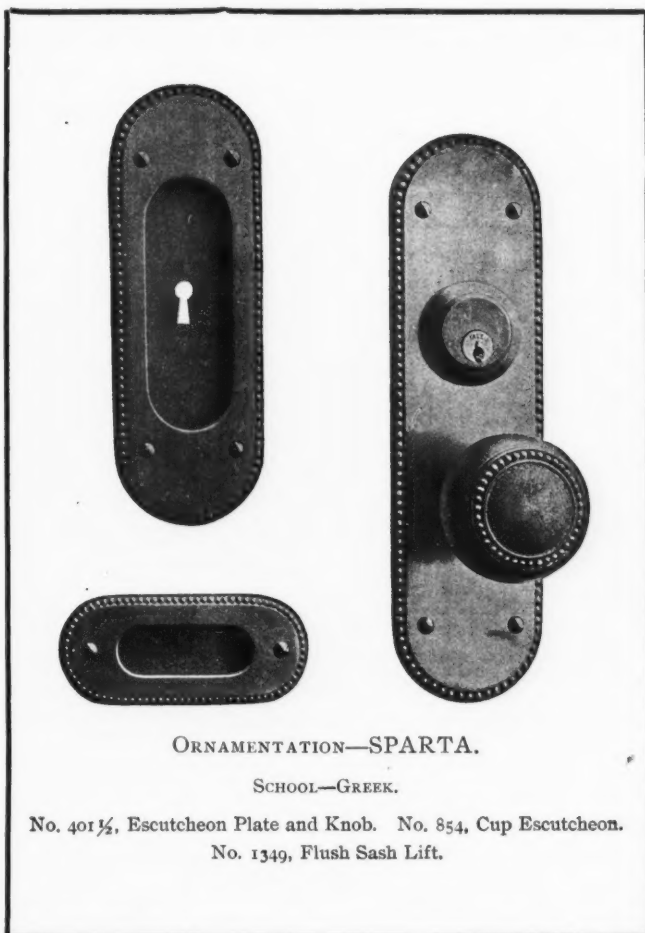
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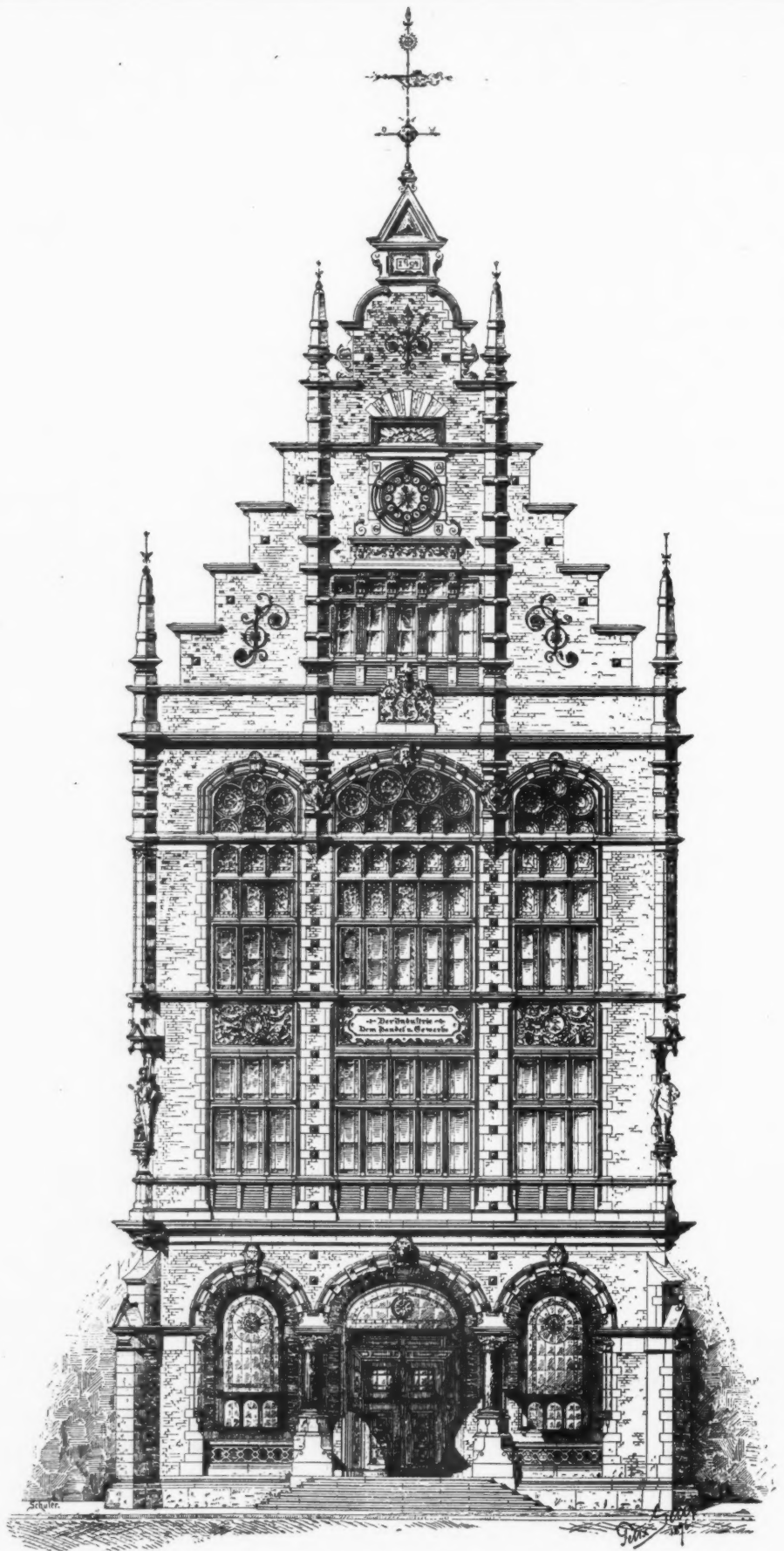
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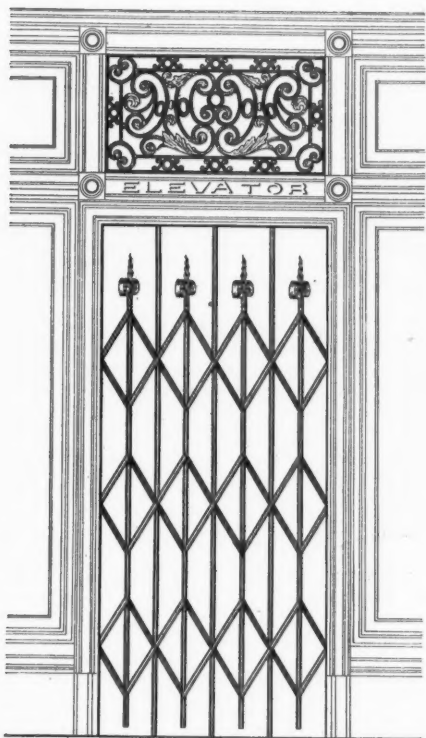


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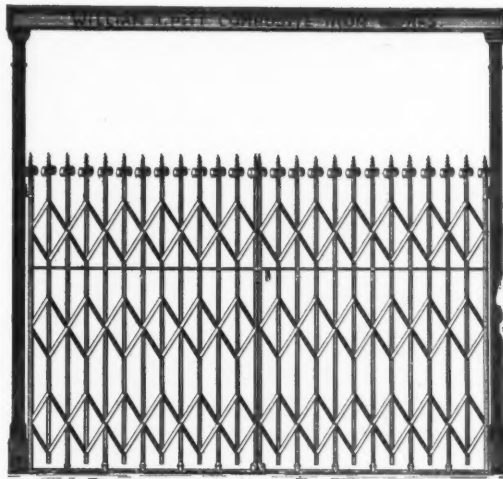
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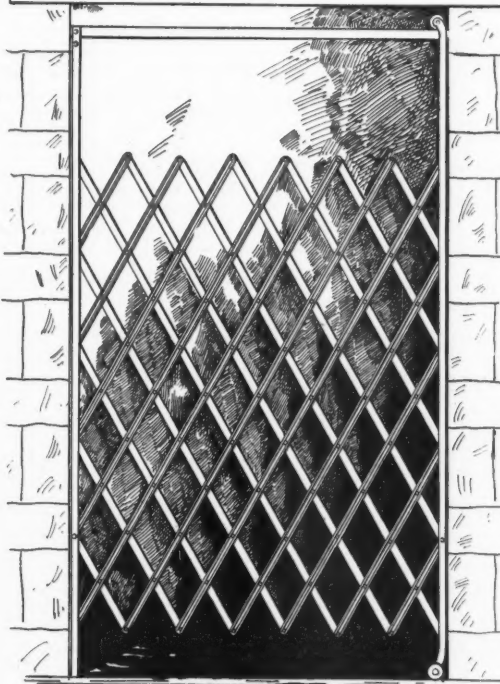


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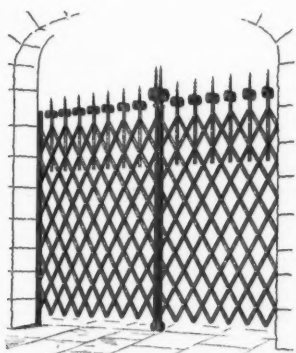


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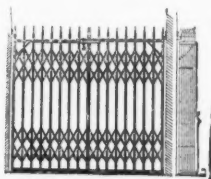
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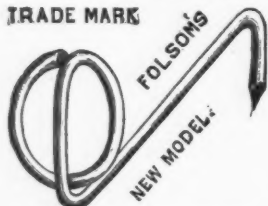
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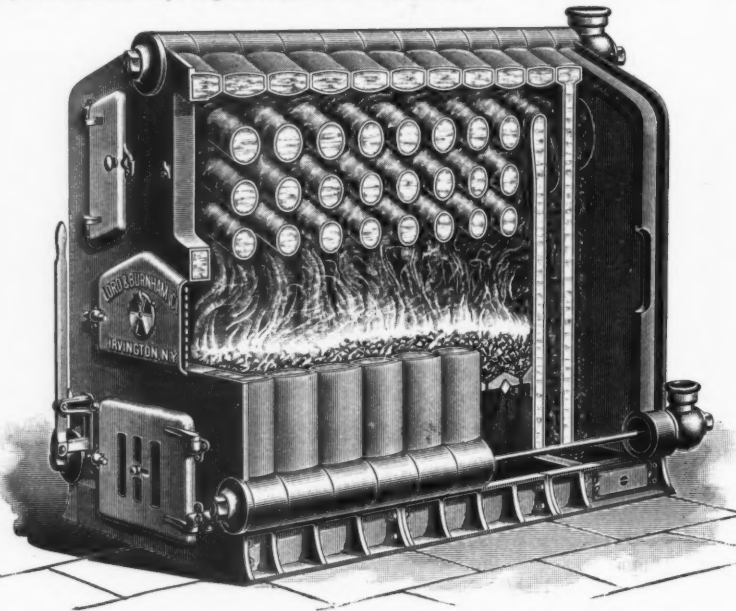
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[For pagination, see Alphabetical Index on Cover 3.]

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Taylor, J. W.....[Photographs.]

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[Architectural.]

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Knoxville.  
University of Tennessee.....[University.]





CHAPMAN, FRAZER &amp; BLINN, ARCHITECTS, BOSTON.

## What is the Best Wood Preservative Known?

*"Creosote is the best wood preservative known."*

—TRAUTWEIN.

*"Wood treated with it is not subject to dry-rot or other decay."*—CENTURY DICTIONARY.

*"No process of wood-preserving is better established than Creosoting."*—AM. SOC. C. E.

When this great wood-preserving property can be had only in the Shingle Stain which is the accepted standard in all other points of shingle-stain excellence, who can afford to use any other?

Specify, and insist upon having,

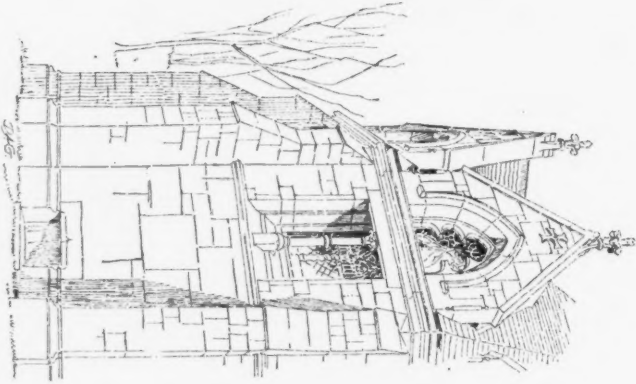
**Cabot's Creosote Shingle Stains.**

SAMPLES AND FULL INFORMATION SENT ON REQUEST.

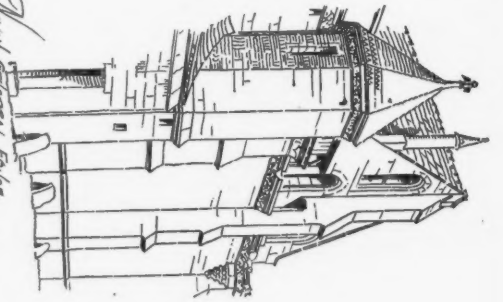
**SAMUEL CABOT, Sole Manufacturer,**  
**BOSTON, MASS.**

Agents at all Central Points.

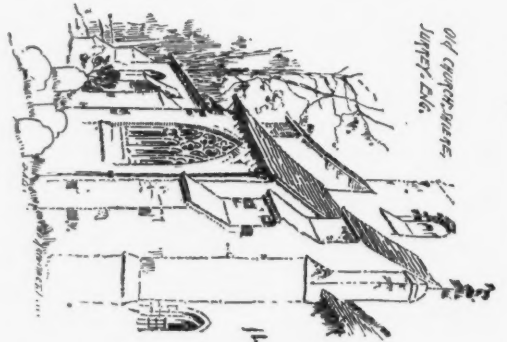
The Bay of Naples - Grotto of Capri -  
Forest Hill Cemetery - Boston Mass.  
Oct. 1888



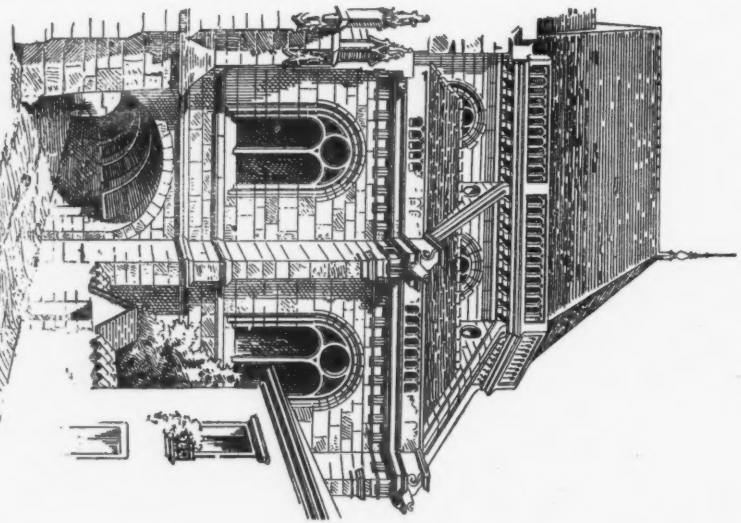
View of Central Fence  
New View of Bay of Capri



Old Church of St. Agnes,  
Lugano, Italy.



Apse of the Church at Triel, France.



APSES, ETC.









WINDOW-GUARD.

Ironwork for the Pickwick Club,  
NEW ORLEANS, LA.

(Finished in Bower-Barff.)

SHEPLEY, RUTAN & COOLIDGE, ARCHITECTS.



LANTERN.



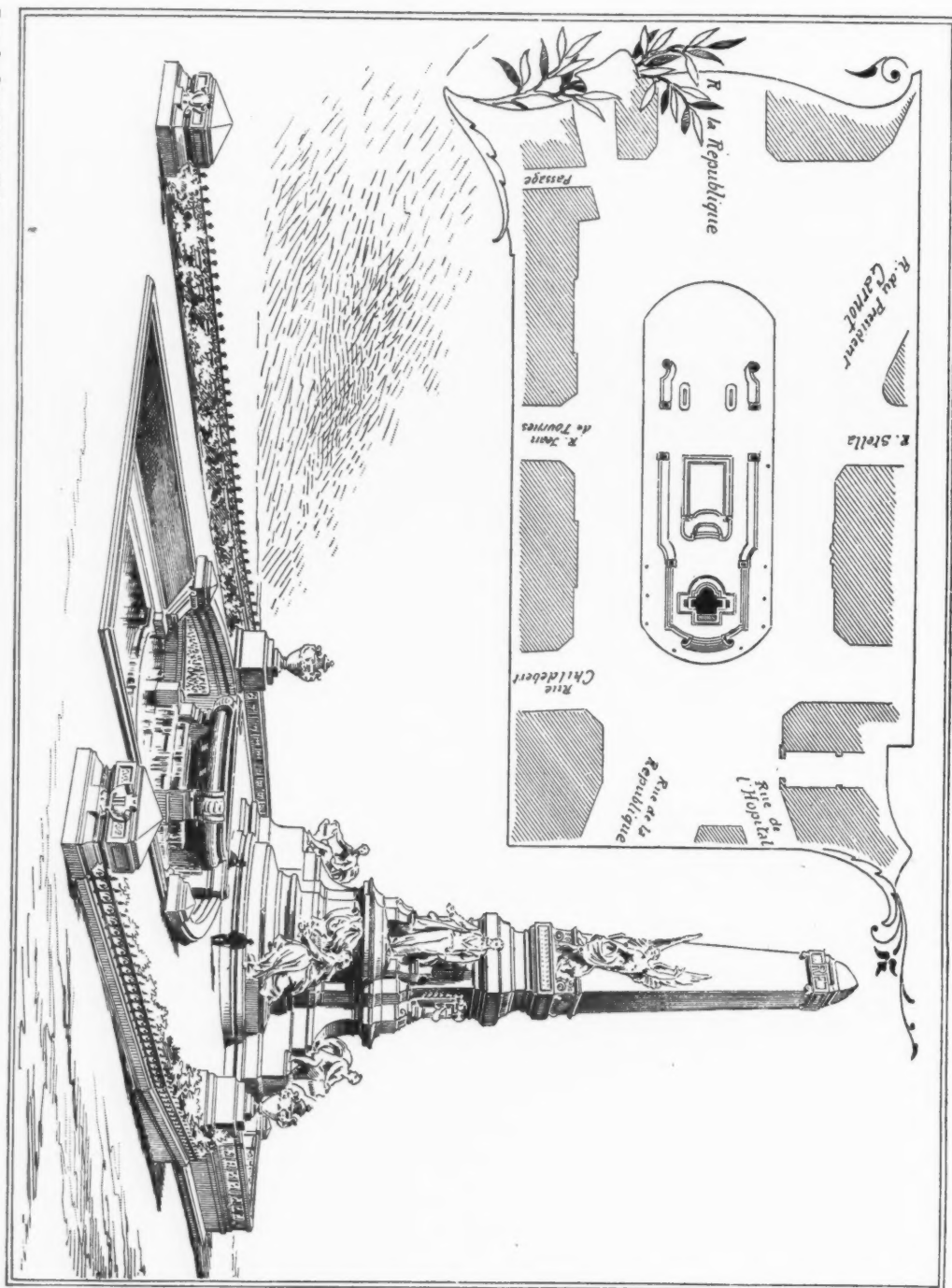
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Structural and Ornamental Metalwork for Architectural Purposes.



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COMPETITIVE DESIGN FOR MONUMENT TO PRESIDENT CARNOT, LYONS, FRANCE.  
M. NAUDIN, ARCHITECT.



# THE J. L. MOTT IRON WORKS,

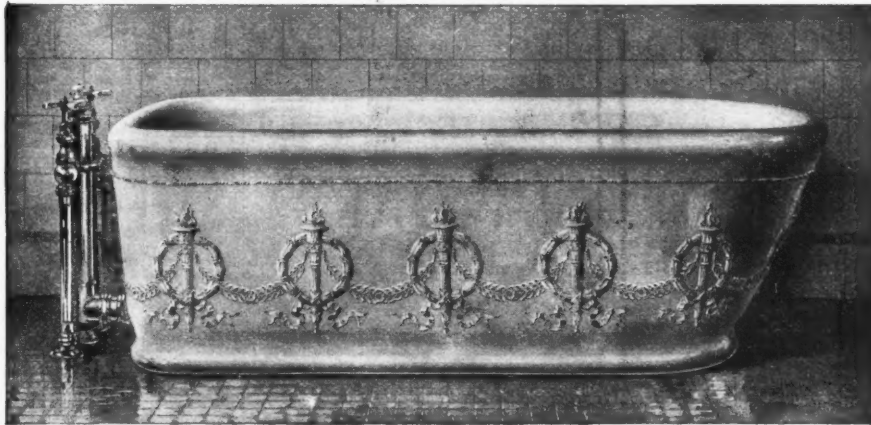
84-90 BEEKMAN STREET, NEW YORK.

311 & 313 WABASH AVENUE, CHICAGO.

332 & 334 BOYLSTON STREET, BOSTON.

WAINWRIGHT BUILDING, ST. LOUIS. — FLOOD BUILDING, SAN FRANCISCO.

## IMPERIAL PORCELAIN ROLL-RIM BATHS: THE "GRANADA."



COPYRIGHT, 1896, BY THE J. L. MOTT IRON WORKS. PLATE 1395-G. REDUCED PLATE.

Imperial Porcelain Roll-Rim Bath, the "Granada," 4 ft. 6 in. long, Embossed Decoration, "Empire," with all Nickel-plated Supply Fittings, Unique Waste, Cauldon China Handles and Pipes to floor.

|     |     |     |     |                   |
|-----|-----|-----|-----|-------------------|
| Do. | do. | do. | do. | 5 ft. 0 in. long. |
| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

CIRCULARS MAY BE HAD ON APPLICATION.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

opposite the hose-house, and intends to build a three-sty brick tenement there, beginning work this fall, provided he can get the desired sewer connections.

**Staten Island, N. Y.**—A convent for the Nuns of the Visitation is to be shortly erected on Grymes Hill. The structure will cost \$40,000, and will be of red brick, with granite trimmings.

The congregation of the Port Richmond Reformed Church have appointed a committee to secure plans for the erection of a chapel which will cost \$10,000.

**Syracuse, N. Y.**—The owners of the Dixon House property will next month begin alterations on their buildings. The cost will be about \$25,000.

**Washington, D. C.**—J. William Lee will build a fireproof stable in the rear of his crematory on Pennsylvania Ave. The original plans are being revised by Architect W. W. Young. They contemplate a building three stories, 43' x 67', with brick and stone trimmed walls, and interior supported by steel beams, columns, angles and tie-rods.

Plans for an apartment-house to be erected on 12th St., near Iowa Circle, have been completed by Architect C. L. Harding. It is to be four stories and cellar, 20' x 100', with front of mottled Pompeian brick and Hummelstown stone; cost, \$20,000.

Contract for erecting the 9th St. Christian Church has been awarded by the Building Committee to August F. Getz, at \$23,900. Six bids were received in all. Five from local and one from a New York contractor. They ranged from \$23,500, the lowest, to \$41,850. Lawrence B. Valk & Son, of Brooklyn, are the architects.

**Worcester, Mass.**—New plans have been made for the construction of the fire-department headquarters, which provides for a much larger building than that of the old plans. Estimated cost, \$125,000.

**Yellowstone Park, Wyo.**—The \$100,000 hotel that the Yellowstone Park Association decided upon last winter, is to be built at the Upper Basin, fifty miles from Mammoth Hot Springs.

### HOUSES.

**Boston, Mass.**—*Elmo St.*, nr. Erie St., Ward 20, 4 three-sty bk. dwells., 23' x 49', flat roofs, stoves; \$24,000; o., E. W. Dodge; b., G. M. Fernald, Hyde Park.

*Hecla St.*, nr. Dorchester Ave., Ward 24, three-sty bk. dwell., 26' x 50', furnace; \$5,000; o., John Sheehan, 45 Hecla St.; b., J. F. Farquharson.

*Round Hill St.*, nr. Day St., Ward 22, three-sty bk. dwell., 23' x 45', flat roof, stoves; \$5,500; o. & b., A. Adelman; a., E. P. Morse, 258 Washington St.

*K St.*, nr. E. 8th St., Ward 14, three-sty bk. dwell., 26' x 55', flat roof, stoves; \$6,000; o., Catharine Campbell; b., J. F. McDermott.

*Southwest St.*, nr. Blue Hill Ave., Ward 21, 2 four-sty bk. dwells., 18' x 45', flat roofs, stoves; \$14,000; o., Max Brown; b., Bradkowski & Hurwitz.

*Farrell Ave.*, rear, No. 54 Poplar St., Ward 8, four-sty dwell., 21' x 35', flat roof, stoves; \$5,000; o., Mrs. M. J. G. Shaw, 54 Poplar St.; a., Fred. A. Norcross, 110 Tremont St.; not let.

*Edison Green*, nr. E. Cottage St., Ward 16, 3 fr. dwells., 25' x 40', pitch roofs, furnaces; \$12,000; o.,

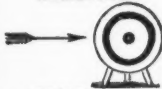
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### BUILDING INTELLIGENCE.

(Houses Continued.)

*Lizzie B. Crockett*; b., H. M. Crockett, Hazel Park, Everett.

*Devon St.*, cor. Normandy St., Ward 20, two-sty fr. dwell., 25' x 37', pitch roof, furnace; \$4,500; o. & b., John J. Johnson, Jr., 65 Bainbridge St.

*Esmond Hill*, nr. Blue Hill Ave., Ward 20, two-sty fr. dwell., 36' x 53', pitch roof, hot water; \$6,000; o. & a., C. J. Bateman, 19 Exchange Pl.

*Olmstead St.*, nr. Forest Hill, Ward 23, 2 two-sty fr. dwells., 20' x 58', pitch roofs, hot water; \$9,000; o., F. J. Parker; b., Thomas Breen.

*Mozart St.*, nr. Armstrong St., Ward 22, 2 three-sty fr. dwells., 26' x 50', flat roofs, furnaces; \$11,000; o. & b., John W. Friesing, 13 Armstrong St.

*Devon St.*, Nos. 32 & 34, Ward 20, 2 two-sty fr. dwells., 28' x 53', pitch roofs, furnaces; \$10,000; o. & b., A. C. Chisholm, 100 Devon St.

*Forest Hills St.*, nr. Washington St., Ward 22, two-sty fr. dwell., 28' x 48', pitch roof, furnace; \$5,000; o., Hannah McDonald; b., Douglas McDonald, Rockview St., Jamaica Plain.

*Washington St.*, nr. Forest Hills Station, Ward 23, 2 three-sty fr. dwells., 25' x 49', pitch roofs, stoves; \$9,000; o., John T. Kenney; b., Wills Bros., Roslin-dale.

*E. First St.*, nr. L St., Ward 14, three-sty fr. dwell., 22' x 59', flat roof, stoves; \$4,800; o. & b., A. H. Flint, 442 Fifth St.

*Ashley Ave.*, No. 1, Ward 1, three-sty fr. dwell., 22' x 42', flat roof, stoves; \$4,000; o., Margaret McLean; b., Goodwin & Rogers, 89 White St.

*E. Fourth St.*, nr. P St., Ward 14, two-sty fr. dwell., 28' x 34', pitch roof, furnace; \$4,500; o., M. D. Barker; b., Howland Bros., 412 Dorchester Ave.

*Bloomfield St.*, nr. Greenbriar St., Ward 20, two-sty fr. dwell., 31' x 53', pitch roof, furnace; \$5,000;

### BUILDING INTELLIGENCE.

(Houses Continued.)

o. & b., David J. Fogg, 426 Washington St., Dorchester.

*Orkney Road*, nr. Strathmore St., Ward 25, two-sty fr. dwell., 29' x 35', pitch roof, furnace; \$7,000; o., Thomas A. Mullen; b., W. E. Morrison.

*Dorchester St.*, nr. Emerson St., Ward 14, 3 fr. dwells., 20' x 38', flat roofs, stoves; \$12,000; o. & b., Samuel W. Johnson, 591 Broadway.

*Chamberlain St.*, cor. Gaylord St., Ward 20, two-sty fr. dwell., 31' x 47', pitch roof, hot water; \$5,500; o., Ellen B. Conway; b., E. J. Melroy, Lauriat Ave.

*Adams St.*, nr. Gibson St., Ward 24, two-sty fr. dwell., 26' x 42', pitch roof, furnace; \$5,000; o. & b., Daniel McDonald, 26 Bennington St.

**Brookline, Mass.**—*Aspinwall Ave. and Foxteth St.*, two-sty fr. dwell., 28' x 49', shingle roof, furnace; \$6,000; o., E. A. Bangs, 22 Pemberton Sq.; b., H. F. Oakman's Sons; a., Little & Brown, Boston.

*Druce Road*, 24-sty fr. dwell., 39' x 41', shingle roof, furnace; \$8,000; o., Mrs. Esther H. Poor; b., F. B. McCabe.

**Brooklyn, N. Y.**—*Thirteenth St.*, nr. 8th Ave., 8 two-sty bk. dwells., 20' x 45'; \$40,000; o., A. G. Calder, on premises; a., W. M. Calder.

*Fourth Ave.*, cor. 60th St., three-sty bk. dwell. & store, 25' x 70'; \$8,500; o., V. Peterson, 1394 Fourth Ave.; a., A. Young.

*Johnson Ave.*, cor. Morgan Ave., three-sty bk. dwell. & store, 25' x 65'; \$7,000; o., Liebman & Sons Brewery, Bremen & Forest Sts.; a., Theo. Englehardt.

*Cool St.*, nr. Graham Ave., 2 five-sty bk. dwells., 25' x 50'; \$30,000; o., H. Brokauer Stagg & Ewen Sts.; a., Hugo Smith.

## Iron-Work.

JACKSON ARCHITECTURAL IRON WORKS,  
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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,  
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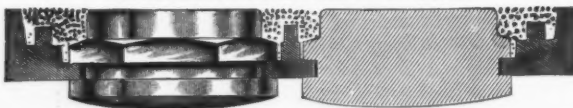
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84 to 92 Illinois Street

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CHICAGO

## BUILDING INTELLIGENCE.

(Houses Continued.)

Chelsea, Mass.—Washing on Ave., 2½-st'y fr. dwell.,  
28' x 56', pitch roof; \$6,000; o., G. P. Swett, 198  
Broadway; b., W. D. Grover.

Franklin Ave., 2½-st'y fr. dwell., 28' x 32', slate  
roof, hot water; \$5,000; o., B. F. Martin, 44 Franklin  
Ave.; b., W. D. Grover.

Melrose, Mass.—W. Emerson St., 2½-st'y fr. dwell.,  
38' x 47', pitch roof, steam; \$5,000; o., Mary A.  
Foster, W. Emerson St.; a., J. F. Brown, Main St.  
Groce St., three-st'y fr. dwell., 38' x 7½', flat roof,  
stoves; \$7,000; o., E. J. H. Trask, Lebanon & Groce  
Sts.; a., J. F. Brown.

(Continued in Supplement.)

## COMPETITIONS.

SUPERVISING ARCHITECT, TREASURY DEPART-  
MENT.

September 10, 1897.  
The United States Civil Service Commission an-  
nounces a competitive examination to fill the vacancy  
in the position of Supervising Architect of the  
Treasury. The salary of this position, which is one  
of the most important and responsible under the  
government, is \$4,500 per annum, and it is hoped  
that architects of high attainments and reputation  
may be induced by these considerations to enter the  
competition. It is the desire of the Department to  
secure a practical architect of high administrative  
ability to direct and supervise the work of the office  
force, as well as the contract work done on public  
buildings throughout the country.

Those who enter the competition will be required  
to submit:

1. On blanks to be furnished by the Commission,  
statements relative to their training, education and  
technical experience.

2. Drawings or sketch-plans, specifications and  
photographs or other suitable illustrations of build-  
ings designed by them as architects, or constructed  
under their supervision as superintendents of con-  
struction; and other information relating to such  
buildings of which competitors will be advised upon  
inquiry of the Commission.

3. (a) A thesis relative to designing and construc-  
tion, and (b) a thesis relative to office administration.

4. In addition to the foregoing tests, competitors  
will be required to appear on September 10, at points  
convenient to their places of residence where the  
Commission has suitable accommodations, to undergo  
a test in formulating a scheme for competition for a  
public building and in criticizing designs submitted  
to them for their guidance and inspection.

The information called for under each of the first  
three heads above mentioned must be forwarded to  
the Commission by each competitor on or before  
September 10. The test under the fourth head will  
be given on September 10. The examination papers  
will be rated under the direction of the Commission  
by a Board of distinguished architects.

Those who desire to enter the competition should  
write at once to the United States Civil Service Com-  
mission, Washington, D. C., for application blanks  
and other information relating to the examination.  
July 21, 1897. 1132

**FOR** Programmes of Competitions of Society of  
Beaux-Arts Architects for 1897, see *American*  
*Architect* for April 24, 1897.

## SEAL.

[At Washington, D. C.]  
The American Forestry Association invites competi-  
tive designs for a Corporate Seal. For information,  
apply to GEORGE P. WHITTLESEY, Secretary A.  
F. A., Atlantic Building, Washington, D. C. 1138

## CLUB-HOUSE.

[At Montclair, N. J.]  
Competitions for plans for the new club-house of

## COMPETITIONS.

he Y. M. C. A. are to be held. Apply to JOHN H.  
LIVERMORE, Chairman of Building Committee.

## PROPOSALS.

## BREWERY.

[At Hartford, Conn.]  
Contractors are invited to bid on new brewery. For  
information apply to A. C. WAGNER, architect, City  
Hotel, Hartford, Conn.

## FIRE-ENGINE HOUSE.

[At Indian Orchard, Mass.]  
Sealed proposals are desired for the erection of a  
Fire-engine House, to be built at Indian Orchard.  
Drawings may be seen at the office of Gardner, Pyne  
& Gardner, Architects, 33 Lyman St., City.  
The Fire Commissioners reserve the right to reject  
any and all proposals.

Proposals are to be submitted on or before 5 P. M.,  
August 10, 1897, addressed to JAS. E. DUNLEAVY,  
475 Main St., Springfield, Mass. 1128

## GARBAGE CREMATOR.

[At Chicago, Ill.]  
Sealed proposals will be received at this office un-  
til 11 o'clock A. M., August 24, 1897, and then  
opened, for construction of a Garbage Cremator at  
Fort Leavenworth, Kan., in accordance with plans  
and specifications to be seen at this office and at the  
offices of the Depot Quartermaster, St. Louis, Mo.,  
and of the Quartermaster at Fort Leavenworth,  
Kan. J. G. C. LEE, Assistant Quartermaster Gen-  
eral, United States Army. 1129

## INSANE HOSPITAL.

[At Philadelphia, Pa.]  
Proposals will be received August 11, for addi-  
tions to the Insane Department of the Philadelphia  
Alms-house and Hospital. Address JOHN MCAL-  
THUNE HARRIS, care of Wilson Bros. & Co., archi-  
tects, 1036 Drexel Building, Philadelphia, Pa. 1128

## RIPRAP.

[At Sandy Hook, N. J.]  
U. S. Engineer Office, Army Building, New York,  
July 25, 1897. Sealed proposals, in triplicate, for con-  
struction of riprap wall on eastern beach of Sandy  
Hook, N. J., will be received here until 12 M.,  
August 25, 1897, and then publicly opened. Informa-  
tion furnished on application. WM. LUDLOW,  
Lieut. Col., Engrs. 1129

ORNAMENTAL COPPER-WORK FOR  
THE MASSACHUSETTS STATE-HOUSE  
EXTENSION.

[At Boston, Mass.]  
Sealed proposals will be received by the Commis-  
sioners at the office of Charles Brigham, Architect,  
No. 7 Mt. Vernon St., Boston, Mass., until Tuesday,  
August 17, 1897, for the above work, specifications  
and model of which can be seen at said office on and  
after Monday, August 9, 1897.

The Commissioners reserve the right to reject any  
and all bids.

WM. ENDICOTT, JR.,  
C. EVERETT CLARK,  
GEORGE W. JOHNSON,  
State-house Construction Commissioners. 1129

## STEAM-HEATING.

[At Fort Yates, N. D.]  
Bids are wanted August 14, for a steam-heating  
plant for the Industrial Boarding School. JOHN  
W. CRAMER, U. S. Indian Agent. 1128

## HOSPITAL.

[At Topeka, Kan.]  
Bids are wanted August 12, for erecting a build-  
ing for the accommodation of the insane at Winfield;  
also for erecting an additional wing to the State

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NEW YORK OFFICE: 163 West 23d Street.

## PROPOSALS.

Insane Asylum at Topeka. S. C. WHEELER, Secre-  
tary Board Trustees State Charitable Institution. 1128

## FIRE-STATION.

[At Cleveland, O.]  
Bids are wanted August 14, for constructing a fire-  
station on Kinsman St. G. H. HECHLER, Director  
Fire Service. 1128

## MASONRY WORK.

[At Hartford, Conn.]  
The contract for the masonry-work of the new  
police building has been awarded to O'Neill & Walsh,  
of this city, at \$31,150. Watson H. Bliss & Sons were  
awarded the contract for the carpenter-work at \$28,-  
200. 1128

## HEATING APPARATUS.

[At Athens, O.]  
Bids are wanted August 9, for heating and ven-  
tilating several buildings of the Athens State Hospital.  
DR. E. H. RORICK, Superintendent Athens State  
Hospital. 1128

## HEATING APPARATUS.

[At Holyoke, Mass.]  
The undersigned will receive proposals till 7  
o'clock P. M., August 6, for furnishing and placing  
in position a heating and ventilating system for the  
almshouse of the city of Holyoke. THE BOARD OF  
PUBLIC WORKS, James H. Newton, Chairman. 1128

Treasury Department, Office Supervising Architect,  
Washington, D. C., July 24, 1897. Sealed proposals  
will be received at this office until 2 o'clock P. M. on  
the 17th day of August, 1897, and opened immediately  
thereafter, for all the labor and materials required  
for rolling iron shutters above second story for the  
United States Appraiser's Warehouse, New York,  
N. Y., in accordance with drawings and specification,  
copies of which may be had at this office or at the  
office of the Superintendent at New York, N. Y.  
Each bid must be accompanied by a certified check  
for a sum not less than 2% of the amount of the pro-  
posal. 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 Govern-  
ment to do so. All proposals received after the time  
stated for opening will be returned to the bidders.  
C. E. KEMPER, Acting Supervising Architect. 1128

Treasury Department, Office Supervising Architect,  
Washington, D. C., July 27, 1897. Sealed proposals  
will be received at this office until 2 o'clock P. M. on  
the 31st day of August, 1897, and opened immediately  
thereafter, for furnishing all the labor and materials  
required for trench excavation, concrete foundations,  
ironwork and brick arches of terrace, and stone and  
brickwork of basement, area and terrace walls for the  
United States Mint building at Philadelphia, Pa.,  
in accordance with drawings and specification, copies  
of which may be had at this office or the office of the  
Superintendent of the Mint at Philadelphia, Pa.  
Each bid must be accompanied by a certified check  
for a sum not less than 2% of the amount of the pro-  
posal. 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 proposals received after the time  
stated for opening will be returned to the bidders.  
C. E. KEMPER, Acting Supervising Architect. 1128

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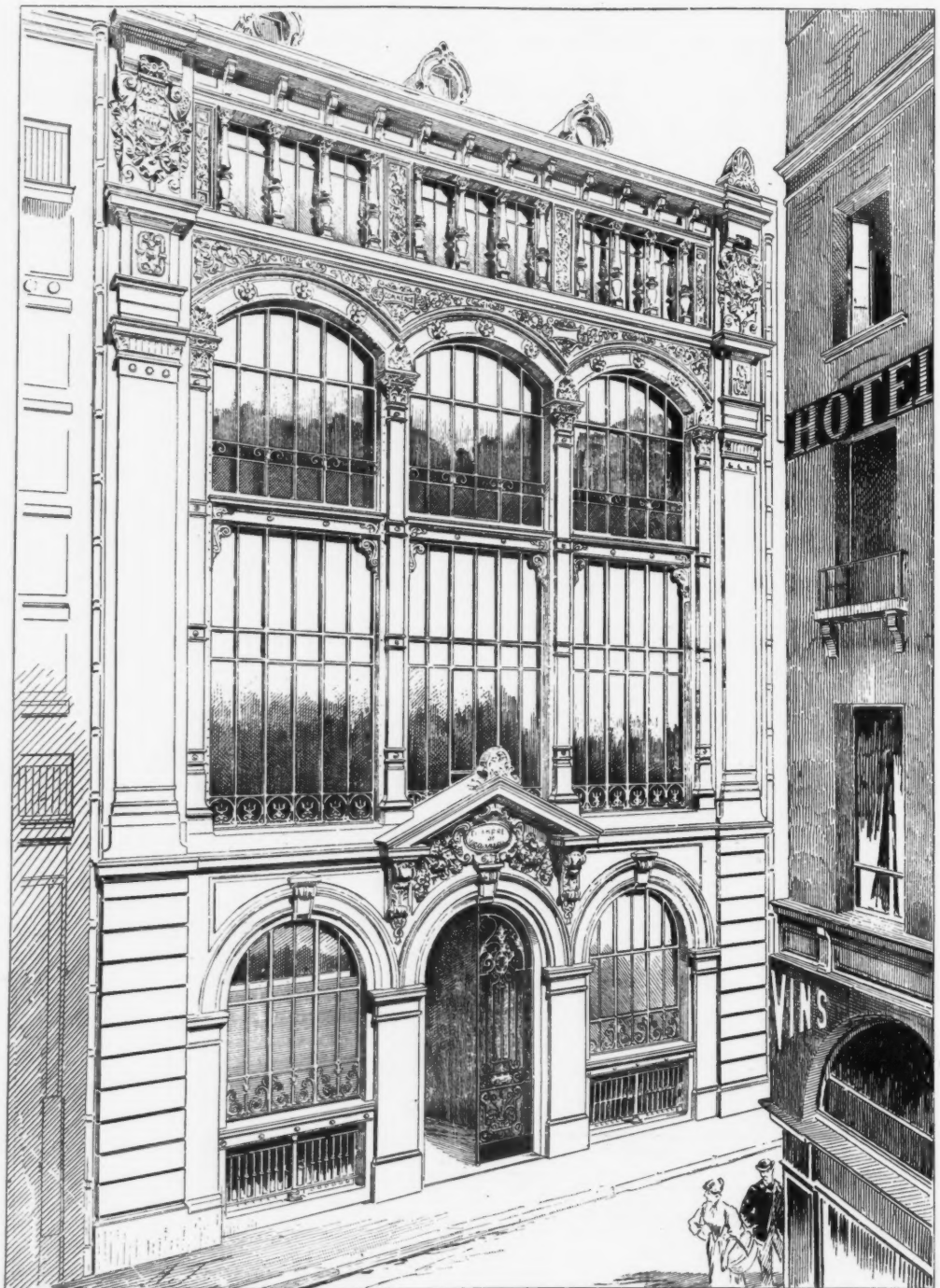


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M. LISCH, ARCHITECT.



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 A COMPETITIVE DESIGN FOR THE PROVIDENCE, R. I., ARMORY.  
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 HOUSE AT EAST CLEVELAND, O.  
 HOUSE AND STUDIO AT LAWRENCE PARK, N. Y.  
 OFFICES OF THE AMERICAN PERSAQUID CO., BOWLING GREEN  
 BUILDING, NEW YORK, N. Y.

"PAVILION OF THE SEALS," LOOKING WEST: LIBRARY OF CONGRESS, WASHINGTON, D. C.  
(Gelatine Print.)  
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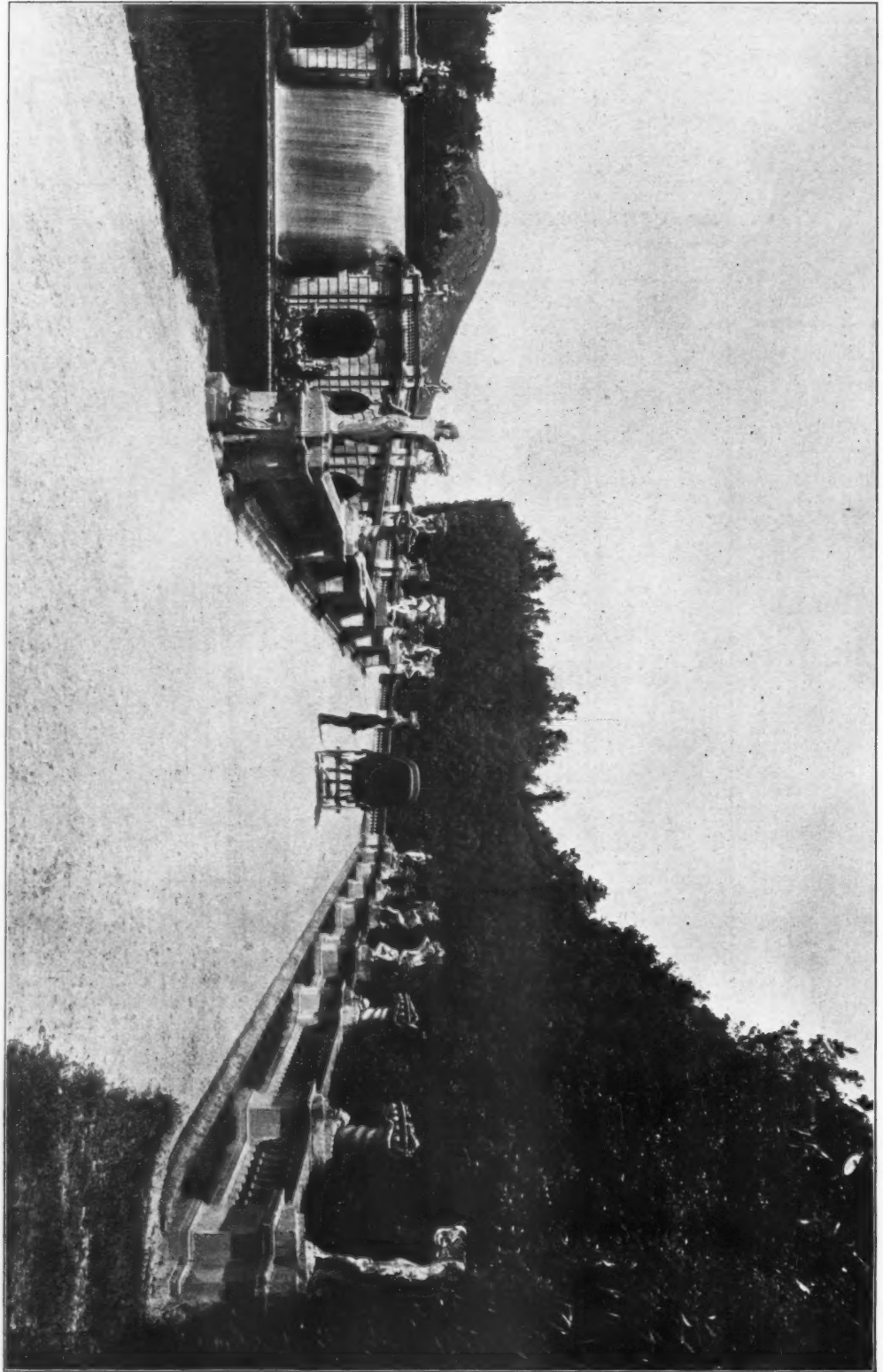
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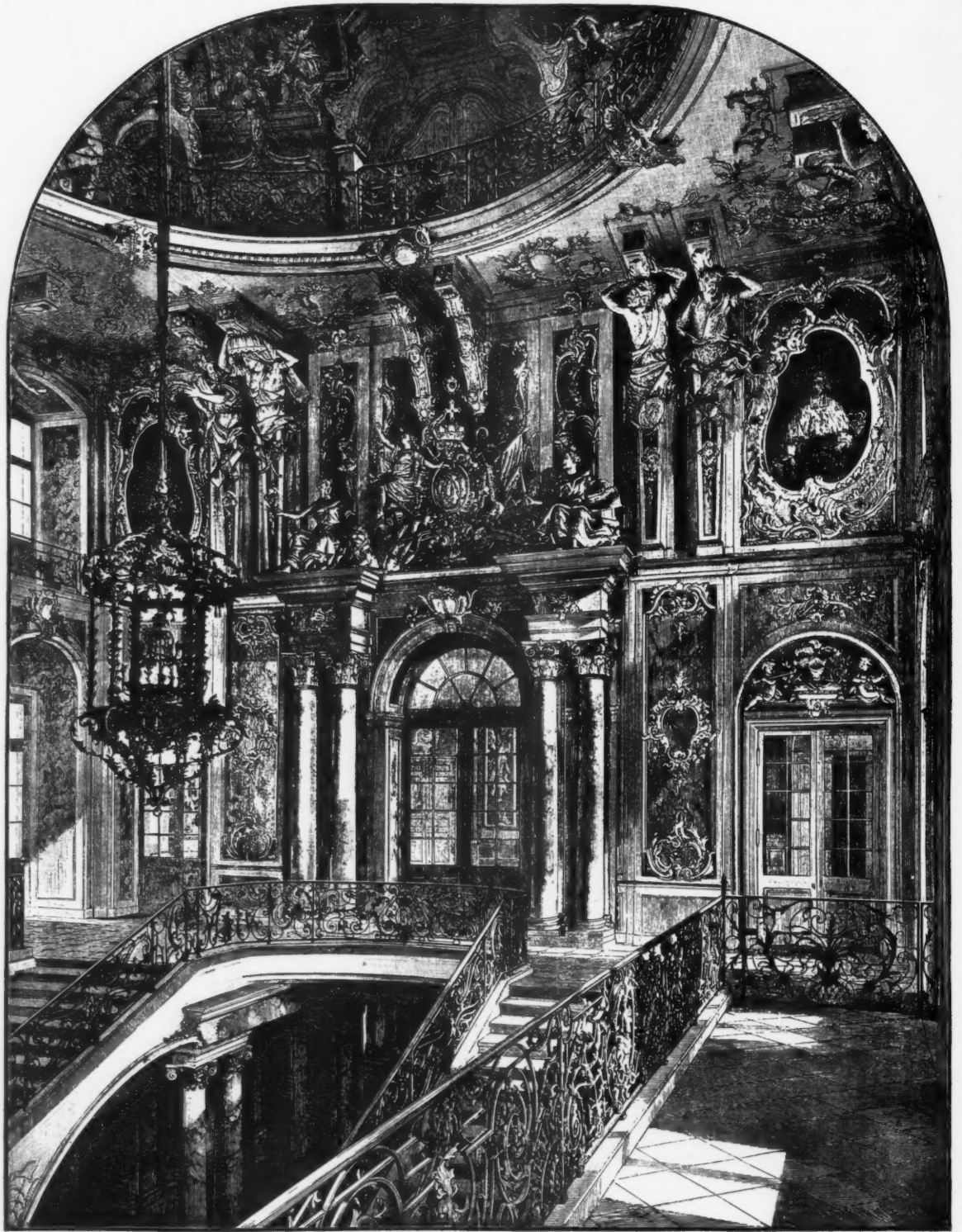
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"GERMAN CASTLES," FIG. 78: STAIRCASE IN THE SCHLOSS AT BRÜHL, PRUSSIA.







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### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

building, prepared by architects Tuthill & Higgins, have been accepted by the trustees of the Jamaica Hospital.

**Forest City, Ark.**—Bids are to be received August 17 for the court-house for St. Francis County. Rickson & Thompson, of Little Rock, are the archts.

**Franklin, N. H.**—The new mill to be added to the plant of the Salloway Hosiery Mills, is to be four stories high.

**Gardner, Mass.**—Bonds for \$50,000 have been sold to provide money for the High-school building.

**Goff's Falls, N. H.**—The Manchester Mills Corporation contemplates the erection of a woolen mill.

**Holland, Mich.**—It is reported that the Park Hotel will be rebuilt at a cost of \$80,000.

**Ilion, N. Y.**—A new mill is to be erected by the Imperial Knitting Company.

**Indianapolis, Ind.**—Plans for the \$70,000 hospital of the Protestant Deaconess Society have been prepared by Scharn & Rubush.

**Indian Orchard, Mass.**—Bids for the new engine-house were received August 4.

**Jamaica, L. I., N. Y.**—Contractor Charles McCaul, of Philadelphia, is receiving estimates for a car-barn to be built here.

**Jamaica, N. Y.**—A new hospital is probably to be built here, Miss Mary R. Gale being President of the Board of Trustees.

**Jenison, Mich.**—A new \$80,000 brick hotel will take the place of the burned Jenison Hotel. Loomis Jenison, owner.

**Lanadowne, Pa.**—Schermerhorn & Reinhold, of Philadelphia, are architects of a house to be built for W. H. Worrall, at a cost of \$8,000.

**Lewiston, Me.**—Bids for the new Hook-and-Ladder House were received August 2. Coombs, Gibbs & Wilkinson, Architects.

**Little Falls, Ky.**—Report has it that the department is to build a new engine-house.

**Lynn, Mass.**—By the action of the City Council and Trustees of the Public Library, steps will be at once taken for the erection of a public library building, to cost \$175,000, of which \$100,000 is provided by the will of the late Elizabeth Shute, and the remaining \$75,000 will be realized from gifts by prominent citizens, among them J. N. Smith, who gives \$15,000.

The Public Library Committee is taking active measure to procure plans for the new Library Building.

**Marango, Ill.**—Bonds for a new school-house are to be issued.

**Marietta, Pa.**—William Pennypacker, of Berwin, Pa., has been awarded the contract for the erection of Hotel Witmers; Schermerhorn & Reinhold, architects.

**Mattoon, Ill.**—Mattoon has been selected as the site for the Old Folks' Home, to be erected by the Odd Fellows of Illinois. The committee consists of

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

C. E. Mansfield, of Mansfield, Henry Phillips, of Virginia, J. K. Raible, of Alton, R. W. Jewell, of Danville and H. A. Stone, of Vandalia.

**Missoula, Mont.**—The Masons will build a new \$15,000 temple at an early date.

**Morganstown, W. Va.**—The necessity for a new school-house is much discussed.

**Mt. Carmel, Pa.**—A. C. Wagner, engineer and architect, of Philadelphia, Pa., is preparing plans and specifications for a new brewery building for the Anthracite Brewing Company.

**Newark, N. J.**—Bonds to the amount of \$250,000 are to be issued to provide for building a high-school building.

**New Hartford, Ia.**—Bonds for a new school-house are to be issued.

**New Hyde Park, L. I., N. Y.**—The Dominican Order of Nuns has secured the old Roseman Hotel property, as the site for the convent they are about to erect. They will expend more than \$100,000 on the new building.

**Newport News, Va.**—The announcement is made that a new cotton mill will shortly be built, which will give employment to 500 operatives at the beginning. Major E. W. Emery, Roanoke Rapids, N. Y., and Charles Cohen, Petersburg, Va., are interested in the enterprise.

**New York, N. Y.**—Bids were received August 11th for fire-engine houses on 170th St. and on 140th St.

**Norfolk, Neb.**—Bids will be received August 16th, for erecting an additional wing to hospital for insane at Norfolk. W. F. Porter, Secy. Bd. Pub. Lands and Bldg., Lincoln, Neb.

**Northampton, Mass.**—Contractors are figuring on the Vernon St. school plans. Bids must be in by the 16th.

**Olneyville, R. I.**—Ground has been broken for a new worsted yarn mill. The main building will be of brick, 220' x 70', three stories high.

**Omaha, Neb.**—The Norfolk Hospital for the Insane is to be enlarged at a cost of some \$25,000.

**Pensacola, Fla.**—The Louisville & Nashville Railroad will erect a large grain elevator, at a cost of \$120,000.

**Peoria, Ill.**—It is announced that Washington Corrington has provided in his will for the establishment of a university at Peoria. Mr. Corrington endows the proposed institution with \$1,000,000, placing the estate in the hands of Trustees to be named by himself. His instructions are that the estate is to be properly conserved until the interest accretions, together with the principal, amount to \$1,500,000. Then the buildings are to be erected, the Faculty secured, and the necessary adjuncts in the way of library and laboratory apparatus secured.

The Peoria Sugar Works will rebuild at once.

**Philadelphia, Pa.**—A three-story brick and stone hotel is to be built at 657-9 N. Broad St. John Berner's Sons have the contract; F. J. Lowe, owner; cost, \$14,000.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

James Moore, owner, is going to build three two-story brick and stone dwellings on D Street, south of Clearfield Street.

A combined police and fire station is to be built on South Seventh Street, to cost \$50,000. On the third floor will be a gymnasium and bowling alley.

A new stone and terra-cotta church is to be built at the northeast corner of Ninth St. and Lehigh Ave., for the congregation of the German Lutheran Church of the Holy Cross, of which Rev. Waldo Oeser is pastor. A two-story L-shaped building, attached to the rear of the church, is to be built of brick, to be used for school purposes.

Stacy Reeves & Sons have been awarded the contract by architect J. C. M. Shirk to erect a three-story factory, 43' x 85', at Thirty-fifth and Moore Sts., at a cost of \$12,000.

William Steele & Son have prepared plans for a four-story factory, 38' x 36', for the Charles Scott Spring Company, at Newmarket St. and German-town Ave.

James Johnson, contractor, has taken out a permit to tear down the buildings at the southeast corner of Broad and Chestnut Sts., so as to clear the grounds for the erection of the proposed sixteen-story building for the Real Estate Trust Co.

**Plymouth, Wis.**—It has been voted to erect a four-room brick school-house at a cost of \$10,000.

**Punxsutawney, Pa.**—The Governor has signed the bill appropriating \$20,000 to assist in the erection of a hospital.

**Quincy, Ill.**—Architects are preparing plans for a new engine-house to be erected at Sixth and Cherry Streets.

**Reading, Pa.**—Plans have been adopted for the new engine-house for the Schuylkill Fire Company, on Schuylkill Ave. and Greenwich St.

**Rome, N. Y.**—A movement to build a new academy is on foot.

**Seranton, Pa.**—The contract for building a hospital at the corner of Wyoming Ave. and Mulberry St., has been awarded to Mulherin & Judge at \$25,000.

**Southbridge, Mass.**—The town voted to build a Grammar School-house to cost \$30,000.

**South Kingston, R. I.**—Land has been bought at Matunuck Park for a new church. C. S. Clarke, et al., Trustees.

**Springfield, Mass.**—The directors of the St. Joseph School Association have awarded the contract for building their new school-house on Water St. to L. H. Scott & Co. The cost of the building will be about \$30,000.

**St. Helena, Cal.**—The site for the new High-school building will soon be decided on.

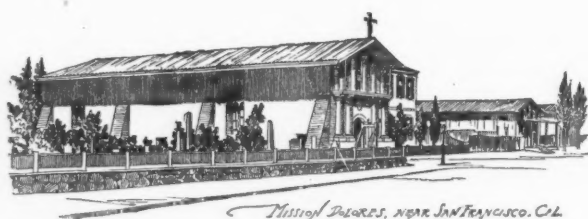
**Toledo, O.**—As all bids recently presented for the County Infirmary Hospital were rejected, the County Commissioners will receive new bids August 28.

**Wabash, Ind.**—Bids have been received for the

(Continued on page xv.)



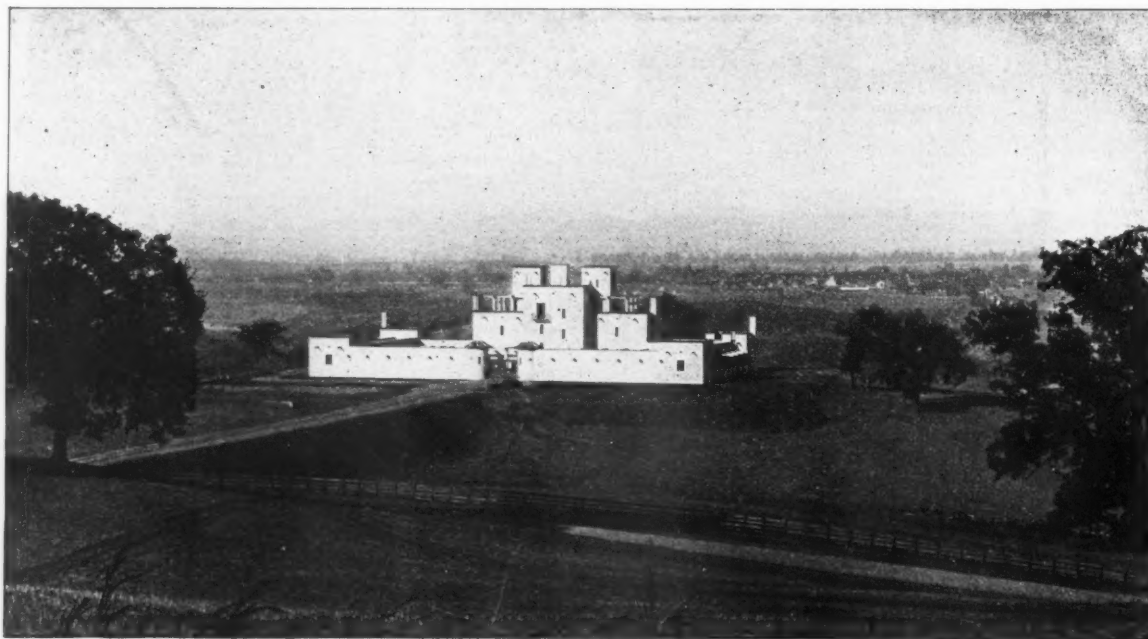
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New York, N. Y.—Maiden Lane, cor. Broadway, twelve-st'y bk. & st. office-building, 25' 9" x 50' 2"; \$125,000; o., E. H. Cushman, et. als.; 337 W. 22d St.; a., C. P. H. Gilbert, 18 Broadway.

**STABLES.**

Boston, Mass.—Maverick St., No. 208, Ward 2, fr. stable, 18' x 22'; \$500; o. & b., Giovanni Belleza, 342 Commercial St.  
Normandy St., nr. Seaver St., Ward 20, fr. stable; \$2,500; o., Cullis Consumptives' Home; b., J. F. Wetherbee; a., W. Frank Hurd.  
Brooklyn, N. Y.—Three-st'y bk. stable, 25' x 74'; \$3,500; o., J. Michael, 181 Smith St.; a., Charles Werner, 26 Court St.  
Germantown, Pa.—Queens St., No. 324, two-st'y st. stable, 27' x 28'; o. & b., Michael Jordan.  
New Bedford, Mass.—Collette St., two-st'y fr. stable, 25' x 40', pitch roof; \$1,500; o. & b., Ulric E. Collette.  
Newton, Mass.—Windsor Road, 1 1/2 st'y fr. stable, 33' x 34', pitch roof; \$1,000; o., S. M. Crawford; b., J. E. Butler; a., L. C. Greenleaf, Boston.  
New York, N. Y.—Randall's Island, two-st'y fr. stable, 112' x 42.4'; \$6,000; o., City; a., Bruce Price, 150 Fifth Ave.  
Oxford Pl., e. s. 280' University Ave., two-st'y bk. stable, 44' x 30'; \$6,000; o., Miss Helen Gould, Irvington-on-Hudson; a., H. R. Marshall, 874 Broadway.

Philadelphia, Pa.—Hilton St., nr. 15th St., two-st'y bk. stable, 33' x 33'; o., Henry S. Schultz & Son.

**BUILDING INTELLIGENCE.**

(Stables Continued.)

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Highland Ave., w. 28th St., one-st'y stable, 27' x 45'; o., H. Gautschi.  
Somerville, Mass.—Highland Ave., two-st'y fr. stable, 28' x 41'; o., T. M. Durell, 23 Bow St.; b., Vaughan & Smallman.

**STORES.**

New York, N. Y.—Barclay St., No. 63, four-st'y bk. store, 25' x 75'; \$15,000; o., Columbia College; a., Melvaine & Tucker, 48 Exchange Pl.  
Fifth Ave., Nos. 258-260, eight-st'y bk. business-building, store & lofts, 49' 4" x 90'; \$250,000; o., Henry Korn, 156 Fifth Ave.; a., Robert Maynicke, 725 Broadway.

**TENEMENT-HOUSES.**

Bellows Falls, Vt.—Rockingham St., three-st'y bk. store & tenement, 46' x 60', comp. roof, steam; \$7,000; o., G. F. Maynard; b., L. D. Lockwood.  
New York, N. Y.—East One Hundred and Fifty-seventh St., No. 563, four-st'y bk. tenement, 25' x 73'; \$14,000; o., Herman Luessen, 565 E. 157th St.; a., Sylvester Kramer, 625 E. 158th St.  
Southern Boulevard, n. s. 100' w. St. Ann's Ave., 4 five-st'y bk. tenements, 25' x 75'; \$42,000; o., James D. Edwards, 306 W. 141st St.; a., B. P. Smith, 306 W. 141st St.  
Monroe St., Nos. 118-120, s. w. cor. Rutgers St., five-st'y bk. tenement & store, 16.11' x 70.4'; \$15,000; o., Abraham Levy, 132 E. Broadway; a., Nathan Langer, 276 Madison St.  
Lewis St., No. 199, three-st'y & base, bk. tenement & store, 20.4' x 62.7'; \$10,000; o., Sophia Hoerberman, 1216 Third Ave.; a., Horenburger & Straub, 122 Bowery St.  
Sullivan St., e. s. 98.4' s. Bleeker St., six-st'y bk. tenement, 41.10' x 90'; \$35,000; o., Darius O. Mills, 35 Wall St.; a., Ernest Flagg, 35 Wall St.

**BUILDING INTELLIGENCE.****THEATRES AND HALLS.**

Burlington, Vt.—Church and Pearl Sts., six-st'y bk., st. & terra-cotta Masonic Temple, 80' x 80', flat roof, steam; \$80,000; o., Masonic Association, D. N. Nicholson, Chairman of Committee; a., Wilson Bros., Philadelphia; not let.  
Cambridge, Mass.—Rindge Ave. and Middlesex St., two-st'y bk. store & hall, 32' x 70', flat roof, steam; \$15,000; o. & b., D. J. Hayes, 56 Bolton St.; a., J. F. & G. H. Smith, Boston.  
Montgomery, Ala.—Four-st'y bk. & st. Masonic Temple, 60' x 102', tin roof, steam; \$30,000; o., Masonic Temple Co., H. Clay Armstrong, Secretary; c., Cook & Laurie; a., Bruce & Morgan, Atlanta, Ga.

**WAREHOUSES.**

Cincinnati, O.—Sixth St., seven-st'y bk. warehouse, 60' x 97'; \$8,000; o., Millcreek Distilling Co.; c., Wm. Schuberth, Jr.  
Butler St., cor. Friendship St., three-st'y bk. office & warehouse, 53' x 193'; \$40,000; o., Adams Express Co.; c., L. P. Hazen & Co.; a., Jas. McLaughlin.  
New York, N. Y.—W. Third St., Nos. 54-56, six-st'y bk. warehouse, 43' x 75' 2"; \$60,000; o., Maurice W. Deshong, 66 Maiden Lane; a., Franklin Baylies, Bible House.  
West St., Nos. 54-60, six-st'y bk. warehouse, 43' x 75'; \$60,000; o., Maurice W. Deshong, 66 Maiden Lane; a., Franklin Baylies, Bible House.

**MISCELLANEOUS.**

Burlington, Vt.—Colchester Ave., two-st'y bk. building for Nurse's Home, 60' x 90', slate roof, steam; \$20,000; o., Mary Fletcher Hospital Association; b., A. L. Austin; a., Charles W. Buckham.  
Worcester, Mass.—Boylston St., three-st'y bk. dormitory for Worcester Home Farm; \$30,000; o., City of Worcester; c., Rankin & Woodside; a., Geo. H. Clemence.



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### COMPETITIONS.

SUPERVISING ARCHITECT,  
TREASURY DEPARTMENT,  
September 10, 1897.

The United States Civil Service Commission announces a competitive examination to fill the vacancy in the position of Supervising Architect of the Treasury. The salary of this position, which is one of the most important and responsible under the government, is \$4,500 per annum, and it is hoped that architects of high attainments and reputation may be induced by these considerations to enter the competition. It is the desire of the Department to secure a practical architect of high administrative ability to direct and supervise the work of the office force, as well as the contract work done on public buildings throughout the country.

Those who enter the competition will be required to submit:

1. On blanks to be furnished by the Commission, statements relative to their training, education and technical experience.

2. Drawings or sketch-plans, specifications and photographs or other suitable illustrations of buildings designed by them as architects, or constructed under their supervision as superintendents of construction; and other information relating to such buildings of which competitors will be advised upon inquiry of the Commission.

3. (a) A thesis relative to designing and construction, and (b) a thesis relative to office administration.

4. In addition to the foregoing tests, competitors will be required to appear on September 10, at points convenient to their places of residence where the Commission has suitable accommodations, to undergo a test in formulating a scheme for competition for a public building and in criticizing designs submitted to them for their guidance and inspection.

The information called for under each of the first three heads above mentioned must be forwarded to the Commission by each competitor on or before September 10. The test under the fourth head will be given on September 10. The examination papers will be rated under the direction of the Commission by a Board of distinguished architects.

Those who desire to enter the competition should write at once to the United States Civil Service Com-

### COMPETITIONS.

mission, Washington, D. C., for application blanks and other information relating to the examination.  
July 21, 1897. 1132

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

### SEAL.

[At Washington, D. C.]  
The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1138

### CLUB-HOUSE.

[At Montclair, N. J.]  
Competitions for plans for the new club-house of the Y. M. C. A. are to be held. Apply to JOHN R. LIVERMORE, Chairman of Building Committee.

### PROPOSALS.

### CARPETS.

[At Washington, D. C.]  
Sealed proposals will be received August 18, 1897, for supplying certain carpets, etc., to the Treasury Building, Washington, D. C. O. L. SPAULDING, Assistant Secretary. 1129

### SCHOOL-HOUSE.

[At Newark, N. J.]  
Bids are wanted August 24, for erecting the new High-school building, also for heating and ventilating same. R. D. ARGUE, Secretary Board of Education. 1128

### INFIRMARY.

[At Greenville, O.]  
Bids are wanted August 26, for constructing the buildings of Drake Co. Infirmary. GEORGE W. SIGAFOOS, County Auditor. 1129

### PROPOSALS.

### BREWERY.

[At Hartford, Conn.]  
Contractors are invited to bid on new brewery. For information apply to A. C. WAGNER, architect, City Hotel, Hartford, Conn.

### ORNAMENTAL COPPER-WORK FOR THE MASSACHUSETTS STATE-HOUSE EXTENSION.

[At Boston, Mass.]  
Sealed proposals will be received by the Commissioners at the office of Charles Brigham, Architect, No. 7 Mt. Vernon St., Boston, Mass., until Tuesday, August 17, 1897, for the above work, specifications and model of which can be seen at said office on and after Monday, August 9, 1897.

The Commissioners reserve the right to reject any and all bids.

WM. ENDICOTT, JR.,  
C. EVERETT CLARK,  
GEORGE W. JOHNSON,  
State-house Construction Commissioners. 1129

### RIPRAP.

[At Sandy Hook, N. J.]  
U. S. Engineer Office, Army Building, New York, July 25, 1897. Sealed proposals, in triplicate, for construction of riprap wall on eastern beach of Sandy Hook, N. J., will be received here until 12 M., August 25, 1897, and then publicly opened. Information furnished on application. WM. LUDLOW, Lieut. Col., Engrs. 1129

### GARBAGE CREMATOR.

[At Chicago, Ill.]  
Sealed proposals will be received at this office until 11 o'clock A. M., August 24, 1897, and then opened, for construction of a Garbage Cremator at Fort Leavenworth, Kan., in accordance with plans and specifications to be seen at this office and at the offices of the Depot Quartermaster, St. Louis, Mo., and of the Quartermaster at Fort Leavenworth, Kan. J. G. C. LEE, Assistant Quartermaster General, United States Army. 1129







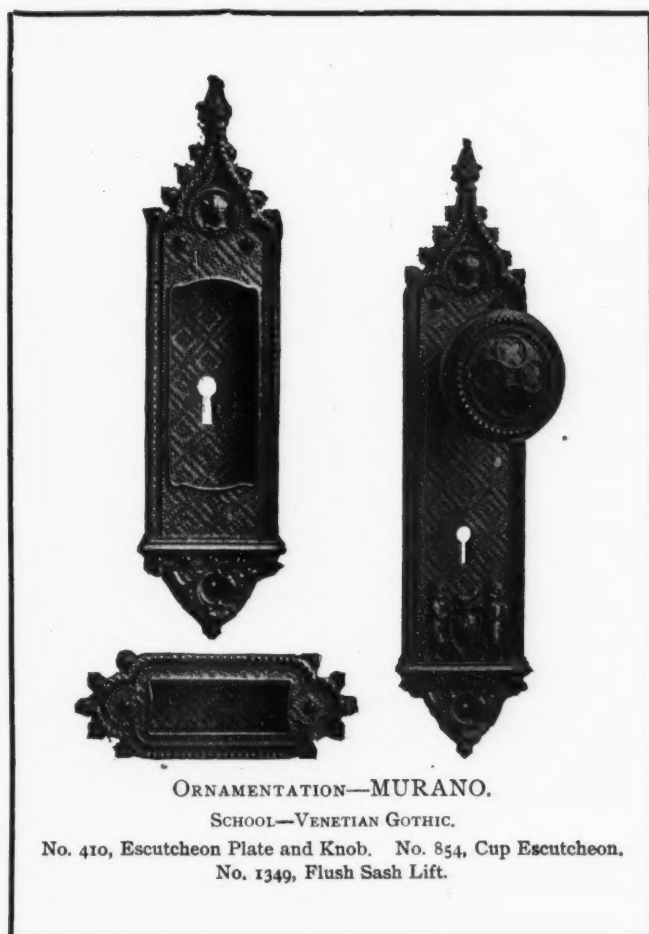
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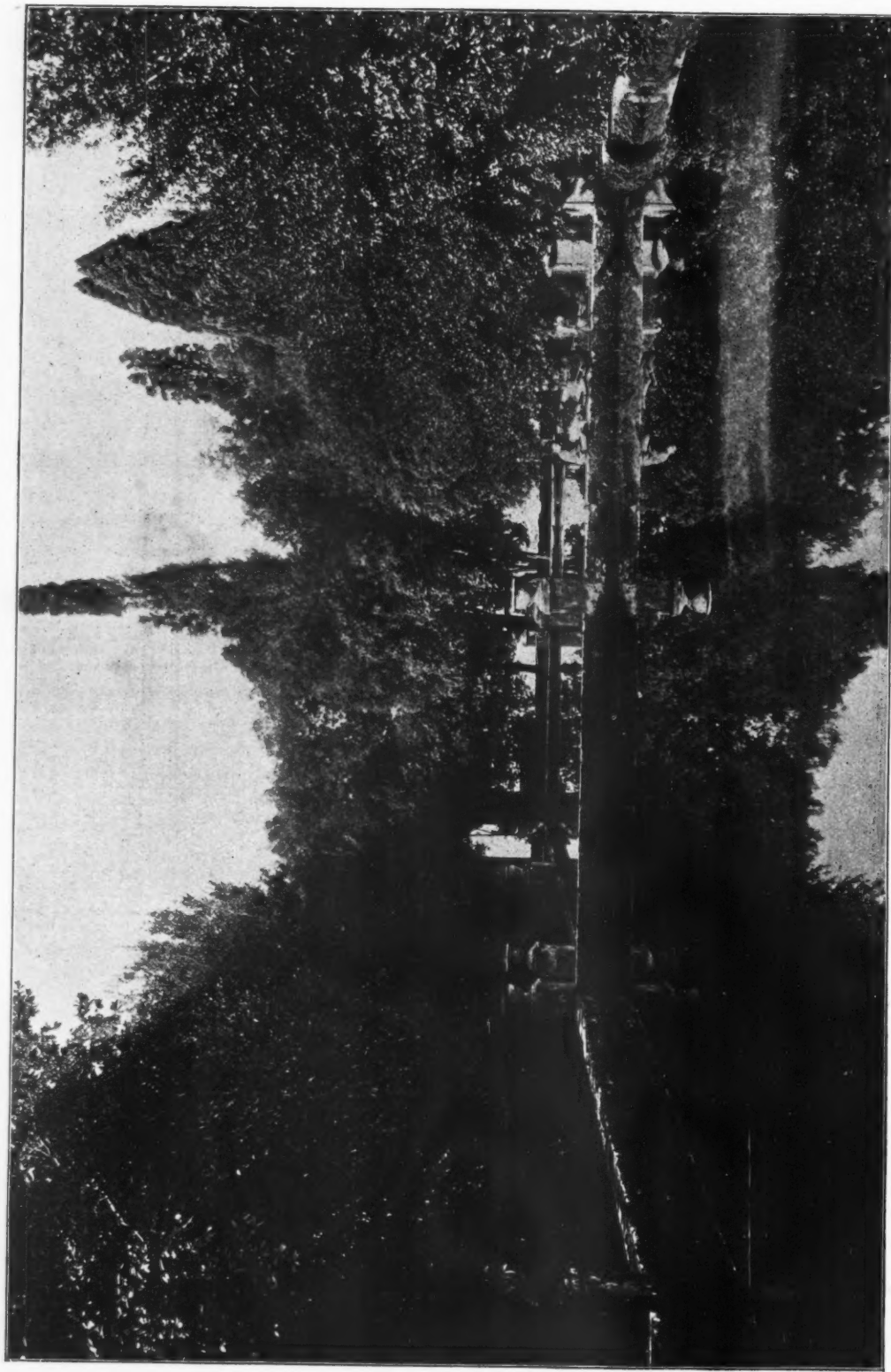
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152-154 Wabash Avenue, Chicago.

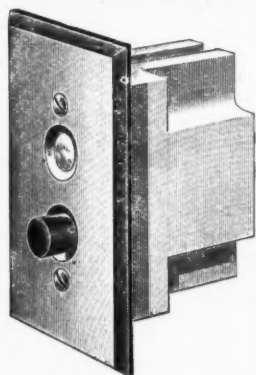
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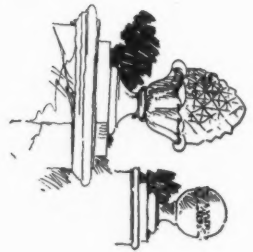
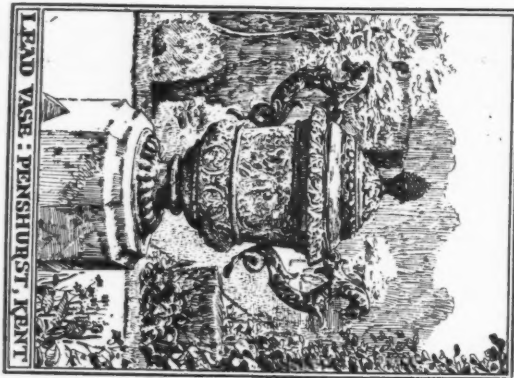
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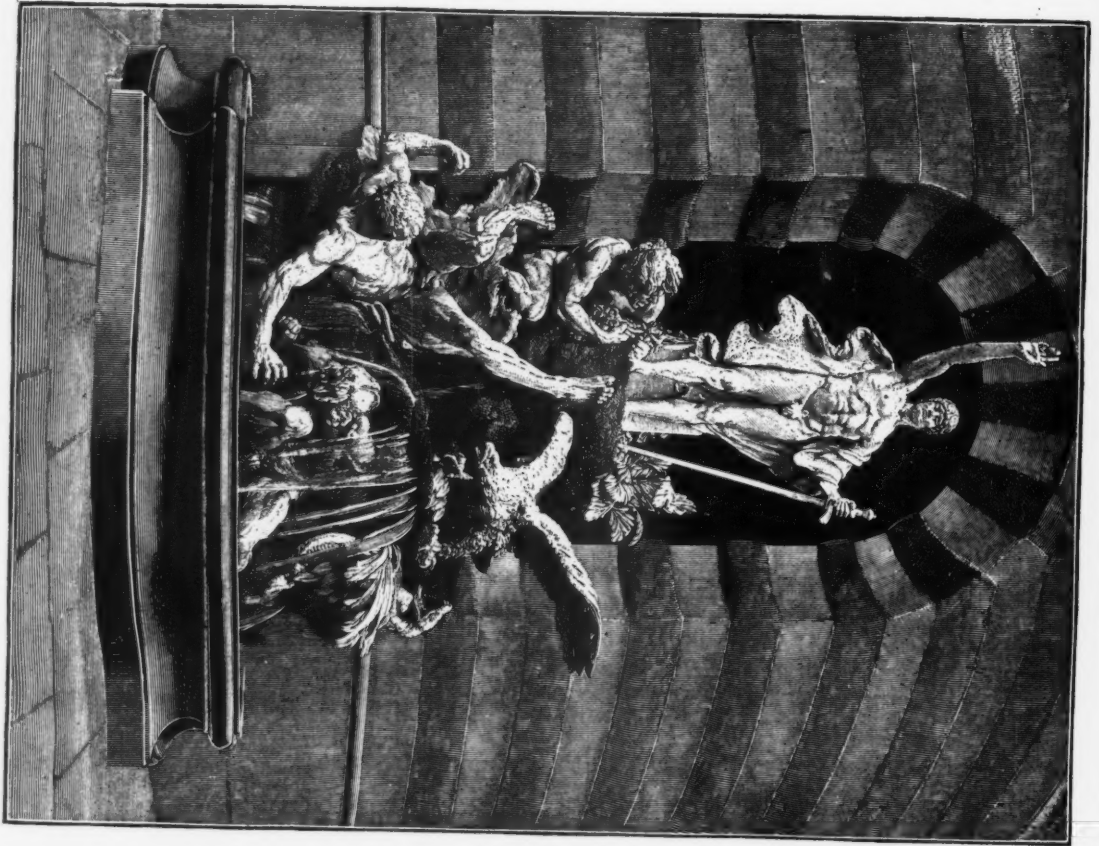
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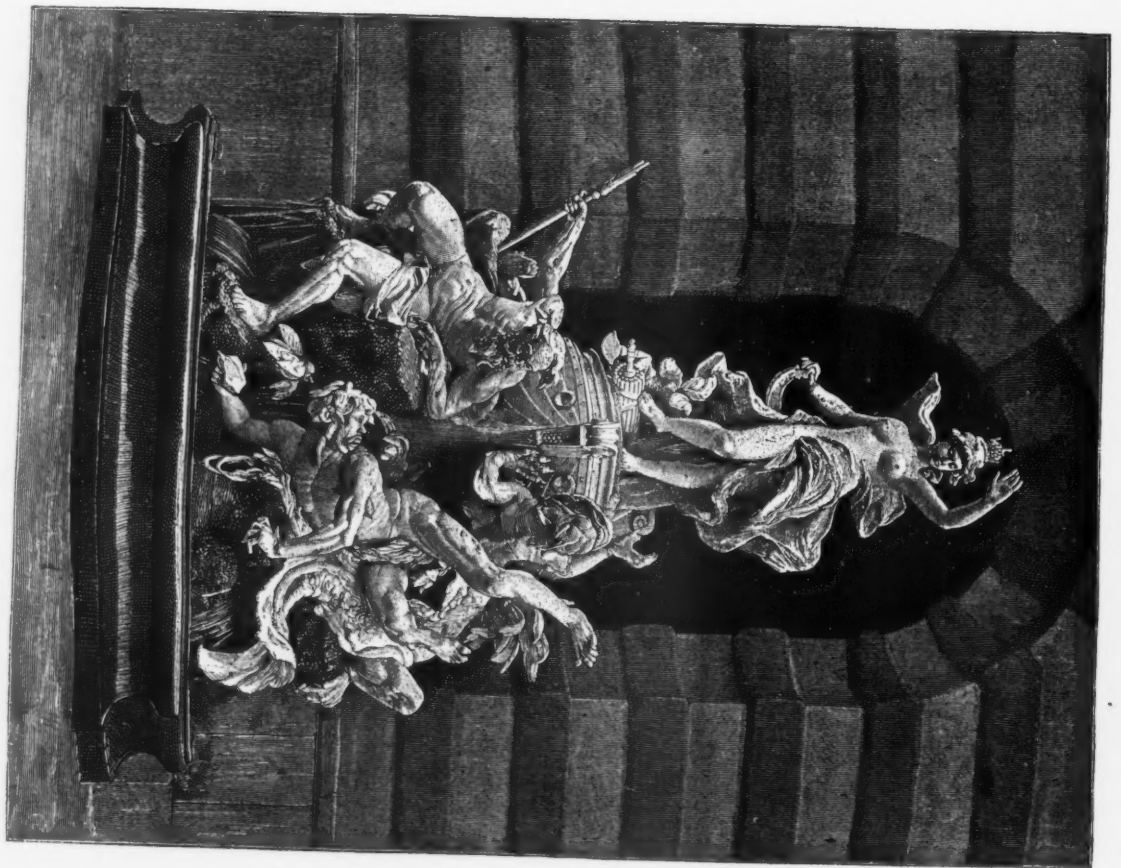
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| <b>BUILDING INTELLIGENCE.</b>                           | <b>BUILDING INTELLIGENCE.</b>                       | <b>BUILDING INTELLIGENCE.</b>                      |
| (Advance Rumors Continued.)                             | (Advance Rumors Continued.)                         | (Advance Rumors Continued.)                        |
| at Rockaway Park, are to be erected shortly.            | Terrell, Tex.—The Board of Managers for the         | with bath rooms. An elevator in each of the wings  |
| Estimated cost about \$105,000.                         | North Texas Hospital for the Insane have accepted   | is also proposed.                                  |
| Selma, Ala.—The Selma Cotton Mills will erect an        | plans and specifications for the male infirmary, to | Waterbury, Conn.—E. W. Maynard, of Boston, is      |
| addition to their plant, consisting of a one-story      | cost \$10,000, and for the new addition, to cost    | preparing plans for the new theatre for John       |
| brick and stone building. Some new machinery            | \$30,000.                                           | Moriarty.                                          |
| will be installed, and the cost of the entire opera-    | Washington, D. C.—B. F. Smith, of this city, has    | Watertown, Ill.—Miffin E. Bell, 83-84 Adams St.,   |
| tion will be between \$50,000 and \$60,000.             | been awarded the contract for building a new court- | Chicago, has been appointed to prepare plans for   |
| Somerville, Mass.—The contract for building the         | house for Dorchester County, in Georges, S. C. The  | the Western Hospital for the Insane, to be erected |
| Beach St. Grammar School-house has been awarded         | building is to be a modern structure of brick and   | at Watertown. Plans will soon be received for      |
| to W. F. Clark & Co., of Somerville, at \$44,330.       | iron and is to be thoroughly fireproof.             | bids.                                              |
| Southbridge, Mass.—It has been voted to appro-          | Preliminary drawings are being made by Edw. F.      | Wauwatosa, Wis.—The contract for erecting the      |
| priate \$30,000 to build an eight-room school-building  | Durang, of Philadelphia, for Trinity College to be  | buildings for the County Home for Dependent        |
| on Marcey St.                                           | erected here. The site is opposite the university   | Children has been awarded to Erdman Schulz, 728    |
| Spencer, Mass.—Russell Park is architect for the        | gate.                                               | Clinton St., Milwaukee, at \$43,000.               |
| three-story brick block, 70' x 84', to be built on Main | Colonel Bingham, Superintendent of Public Build-    | Wernersville, Pa.—The Union Reformed Lutheran      |
| St. for A. E. Kingsley.                                 | ings, has prepared a set of plans for the extension | Church Society has had plans drawn by Architect    |
| St. Charles, Ill.—The citizens have voted to issue      | and improvement of the White House. It will         | F. A. Barrows, of Reading, for a new brick         |
| \$15,000 in bonds to build a school-house.              | require \$300,000 to make the improvements called   | stone church to seat 800. Cost about \$25,000.     |
|                                                         | for. The plans call for five additional bedrooms,   |                                                    |



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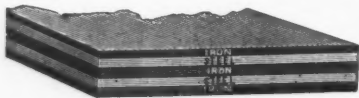
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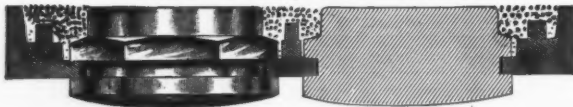
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## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Woodhaven, L. I., N. Y.—H. Chambers, Clerk of  
School Board, has been directed to have plans pre-  
pared for the new No. 6 School to cost about \$35,000.

Worcester, Mass.—Architect J. Wm. Patston is  
preparing plans for a new eight-room school-house to  
be erected on Woodland St., for the city.

Wyomissing, Pa.—A fine residence, to cost \$20,000,  
will be erected here by Architect F. A. Barrows, 6th  
St., Reading.

## ALTERATIONS AND ADDITIONS.

Boston, Mass.—Arrangements have been made by  
Albert Geiger for an eleven-sty addition to the  
Hotel Reynolds, on Boylston St., adjoining the part  
of the hotel on that street and cornering on Bum-  
stead Ct. A. H. Vinal, architect.

Charlestown, Mass.—The long-asked-for appropria-  
tion for building an additional story to the  
marine barracks and to renovate the building has  
been granted, and the work will begin at once.

Chicago, Ill.—Jarris Hunt has prepared plans for  
the reconstruction of and an addition to a residence  
at 63 Hawthorne Pl., Edgewater, for Rockwell  
King. Improvement will cost \$10,000 to \$12,000.

Ellsworth, Me.—Contractors are considering plans  
for the remodeling of the Tisdale House into a  
Public Library Building, to be presented to the city  
by G. N. Black, of Boston.

New York, N. Y.—Forty-seventh St., s e cor. Broad-  
way, to a three-sty bk. & st. dwell. & store; \$15,000;  
o., Peter DeLacy, 19 W. 71st St.; a., Wm. J. Tryer,  
19 Broadway.

Philadelphia, Pa.—Extensive alterations are to be  
made to the Franklin Institute Building, 7th St.,  
bet. Market St. The work will not cost more than  
\$10,000.

## APARTMENT-HOUSES.

Boston, Mass.—The estimates of the new apartments  
to be erected by the Ranleigh Chambers Trust on

## BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Mountford St., nr. Beacon St., will be about \$100,-  
000 above the land. The new building will be con-  
structed of bk. & st., and will be six stories high.

Detroit, Mich.—Warren & Ward, two-sty bk.  
apart., 253-55 Third St.; \$6,000; also bk. dwell., 233  
Boulevard; \$9,000.

E. E. Baerman, two-sty bk. apart., 359-65 Field  
Ave.; \$12,000.

New York, N. Y.—One Hundred and Sixty-third  
St., n s 123' w Amsterdam Ave., 2 five-sty bk. & st.  
flats, 25' x 97' 4"; \$62,000; o., John Fridel, 516 W.  
159th St.; a., John C. Burne, 101 W. 42d St.

One Hundred and First St., n s 400' w 1st Ave.,  
five-sty bk. flats & store, 25' x 81'; \$16,000; o., Sid-  
ney Blumenthal, 71 E. 95th St.; a., C. A. Millner, 81  
E. 125th St.

Seventh Ave., n w cor. 111th St., 3 five-sty bk.  
flats, 33' 11" x 95' and 33' 6" x 90'; \$125,000; o., Ida  
E. Moore, 221 W. 113th St.; a., C. A. Millner.

St. Louis, Mo.—Two-sty flats, s s Cook St., bet.  
Pendleton & Newstead Aves.; \$6,000; o., Ellis  
Wyllisch.

Two-sty flats, s s Lindell St., bet. Sarah & Vande-  
venter Aves.; \$10,000; o., E. Eysell.

Two-sty flats, s s Botanical St., bet. Tower Grove  
& Klemm Sts.; \$5,000; o., F. Taylor.

Two-sty flats, n s Flad St., nr. Thurmann St.;  
\$5,000; o., Aug. W. H. Walters.

## CHURCHES.

Chicago, Ill.—Martin Carr has completed plans for  
the superstructure of a church at the s e cor. Gar-  
field Boulevard & Peoria St. for the Church of the  
Visitation. Rev. Father D. F. McGuire, pastor.  
About \$70,000 will be expended in construction.  
There is also to be built a winter chapel, 17' x 32',  
in connection with this church.

East Boston, Mass.—Plans have been completed  
for St. John's Episcopal Church on Lexington St.,  
nr. Marion St.; cost about \$26,000; a., O. H. Drisko  
& Son and Morton & Hall.

## BELMONT IRON WORKS, Limited.

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## BUILDING INTELLIGENCE.

(Churches Continued.)

New Bedford, Mass.—N. Front St., two-sty fr.  
chapel, 20' x 100', shingle & tin roof, hot air; \$10,-  
000; o., St. Lawrence K. C. Corporation, Rev. H. J.  
Smith, Treasurer; b., John B. Sullivan.

New York, N. Y.—One Hundred and Twenty-second  
St., s s 91' 1" w St. Nicholas Ave., one & two-sty  
bk. church, 40' x 67'; \$15,000; o., Fourth Reformed  
Presbyterian Church, 335 W. 84th St.; a., J. W.  
Cole, 403 W. 51st St.

## HOTELS.

Philadelphia, Pa.—Germantown and Hunting Park  
Aves., three-sty bk. & copper-trimmed hotel, 32' x  
98' 6"; o., Jacob Schwin.

## HOUSES.

Boston, Mass.—Tremont St., cor. Burney St., Ward  
19, 3 three-sty bk. dwells. & stores, 25' x 44' and 24'  
x 57', hot water; \$14,000; o., William J. Carlin, 18  
Cambria St.; a., Cornelius A. Russell; not let.

Cabot and Linden Park Sts., Ward 19, 5 three-sty  
bk. dwells, 21' x 43', flat roofs, stoves; \$30,000; o.,  
Wm. A. Gaston, 8 Congress St.; b., Whidden & Co.  
Elbert St., nr. Humboldt Ave., 10 three-sty fr.  
dwells, 24' x 50', flat roofs, furnaces; \$50,000; o. &  
b., O. E. Furber, 68 Humboldt Ave.

Cottage Terrace, nr. E. Cottage St., Ward 17, three-  
sty fr. dwell., 23' x 50', flat roof, furnace; \$5,000;  
o. & b., Wm. Mullen, 6 Lyon St., Dorchester.

Cottage Terrace, nr. Cottage St., Ward 17, three-  
sty fr. dwell., 23' x 48', flat roof, stoves; o., Richard  
Kearns, 141 Centre St.; a., A. B. Fisher & Co.

Parkman St., nr. Adams St., Ward 24, two-sty fr.  
dwell., 28' x 51', pitch roof, furnace; \$5,000; o.,  
Betsey G. Wood; b., W. E. Morrison.

Cottage Terrace, nr. E. Cottage St., Ward 17, 2  
three-sty fr. dwells, 23' x 47', flat roofs, stoves;  
\$8,000; o. & b., Gipson & Knight, 180 Dudley St.

Robinson Ave., nr. Centre St., Ward 22, two-sty fr.  
dwell., 30' x 40', pitch roof, furnace; \$5,000; o.,  
Mrs. E. E. Elliot; b., J. E. Kelley, 1480 Tremont St.

Edgemoor St., nr. Metropolitan Ave., Ward 23,  
two-sty fr. dwell., 30' x 35', pitch roof; \$4,500; o.,  
Geo. G. Soden; b., Mersee Bros., Roslindale.

Burlingame St., nr. Montclair Ave., Ward 23, 2  
two-sty fr. dwells, 21' x 23' x 45', pitch roofs, steam;  
\$7,000; o., C. B. Wood, 37 Court St.; b., M. P.  
Graves.

Westover St., nr. Wild St., Ward 23, 3 two-sty fr.  
dwells, 25' x 34', pitch roofs, furnaces; \$12,000;  
o. & b., Norma A. Underdown, Ral.olph.

Park Road, nr. South St., Ward 23, 6 two-sty fr.  
dwells, 30' x 40', pitch roofs, furnaces; \$40,000; o.,  
Alex. D. Morgan; b., Geo. E. Bell.

Peter Parley St., nr. Walnut Ave., Ward 22, two-  
sty fr. dwell., 40' x 45', pitch roof, furnace; \$6,500;  
o., John F. Towle; b., J. A. Silver & Co., 48 Con-  
gress St.

Savin Hill Ave., cor. Everett Road, Ward 20, two-  
sty fr. dwell., 27' x 45', pitch roof, furnace; \$5,000;  
o. & b., B. Johnson, 235 Folken Ave., Melrose.

New St., from Savin Hill Ave., two-sty fr. dwell.,  
20' x 44', pitch roof, stoves; \$5,000; o., Jos. Fredey;  
b., J. H. Pineo, Brookline.

Brunswick St., nr. Blue Hill Ave., Ward 20, two-  
sty fr. dwell., 34' x 49', pitch roof, furnace; \$5,500;  
o., Willard V. Fletcher; b., C. H. Wetmore.

Waldeck St., nr. Park St., Ward 20, two-sty fr.  
dwell., 28' x 46', pitch roof, furnace; \$5,000; o., Wm.  
H. Brown; b., George E. Eddy, 22 Stonehurst St.

Rosclair St., nr. Mt. Vernon St., Ward 16, three-  
sty fr. dwell., 28' x 49', flat roof, stoves; \$5,000; o.,  
John & Hanora Sullivan; b., Wm. Riley, Auckland  
St.

Greenwood Park, nr. Park St., Ward 20, 3 three-  
sty fr. dwells, 25' x 47', flat roofs, stoves; \$9,000;  
o. & b., J. S. Crowther.

Sydney St., No. 191, three-sty fr. dwell., 24' x 46',  
flat roof, stoves; \$4,500; o. & b., Geo. A. Hamilton,  
premises.

Dudley St., Nos. 772-74, Ward 16, 2 three-sty fr.  
dwells & stores, 23' x 73', flat roofs, furnaces; \$12,-  
000; o., Mary I. Doolittle & Harriet A. Smith; b., J.  
H. Holmes, 765 Dudley St.

Detroit, Mich.—C. M. French, fr. dwell., 28 Sidney  
Ave.; \$3,000.

J. C. Wright, fr. dwell., 375 Lincoln Ave.; \$3,200.  
Hemel & Co., 3 fr. dwells, 166-68-70 23d St.;  
\$6,000.

John McIsaac, fr. dwell., 133 Westminster Ave.;  
\$3,200.

A. Goldeke & Son, bk. dwell., 312 Mullett St.;  
\$3,100.

Stokes & Whittingham, 7 bk. dwells, 440 446  
Beaunton St. & 163-174 Winder St.; \$12,000.

W. Mitchell, 4 st. dwells, 1376-80 John R. St. &  
65 Smith Ave.; \$12,000.

New York, N. Y.—Wilkins Pl., n s 231' w Jennings  
St., 2 two-sty fr. dwells, 20' x 50'; \$6,600; o. & a.,  
Thomas Riley, 1396 Boston Road.

One Hundred and Seventy-ninth St., n s 125' e  
Valentine Ave., 3 two-sty fr. dwells, 16' 8" x 47';  
\$8,400; o., John Metzler, 1072 Tremont Ave.; a., W. C.  
Dickerson.

Ryer Ave., e s 232' n Burnside Ave., two-sty fr.  
dwell, 21' x 50'; \$3,500; o., T. Giordani; a., Charles  
S. Clark, 719 E. 177th St.

One Hundred and Thirtieth St., n s 300' w Boule-  
vard, 5 five-sty bk. dwells, 55' x 100'; \$95,000; o.,  
David R. Kendall, Manhattan Club; a., C. P. H.  
Gilbert, 18 Broadway.

# 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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## Topographical Index of Advertisers.

[For pagination, see Alphabetical Index on Cover 3.]

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| <p><b>CONNECTICUT.</b></p> <p><b>New Britain.</b><br/>The Stanley Works.....[Wrought-Steel Butts.]</p> <p><b>New Haven.</b><br/>Fitch Co., The W. &amp; E. T.....[Sash Lock.]</p> <p><b>Stamford.</b><br/>Yale &amp; Towne Mfg. Co.....[Locks.]</p> <p><b>ILLINOIS.</b></p> <p><b>Chicago.</b><br/>Chicago Terra-Cotta Roofing &amp; Siding Tile Co.....[Roofing Materials.]<br/>Dauchy &amp; Co.....[Faint-Lights.]<br/>Davis, Frank L.....[Mosaics.]<br/>Northwestern Terra-Cotta Co.....[Terra-Cotta.]<br/>Pioneer Fireproof Construction Co.....[Fireproofing.]<br/>Taylor, J. W.....[Photographs.]</p> <p><b>INDIANA.</b></p> <p><b>Bedford.</b><br/>Bedford Quarries Co.....[Stones.]</p> <p><b>Indianapolis.</b><br/>Interior Hardwood Co.....[Inlaid Floors.]</p> <p><b>KENTUCKY.</b></p> <p><b>Louisville.</b><br/>Snead &amp; Co. Iron Works.....[Iron Work.]</p> <p><b>MASSACHUSETTS.</b></p> <p><b>Boston.</b><br/>Anchor Electrical Co.....[Electric Switch.]<br/>Butcher Polish Co.....[Floor Polish.]<br/>Cabot, S.....[Shingle-Stains.]<br/>Farquhar's Sons, John.....[Roofers.]<br/>Folsom Snow Guard Co.....[Snow Guards.]<br/>Frost &amp; Adams Co.....[Architects' Supplies.]<br/>Gurney Heater Mfg. Co.....[Hot water, etc.]<br/>Haberstroh &amp; Son, L.....[Decorators.]<br/>Heliotype Printing Co.....[Art Printing.]<br/>Massachusetts Fan Co.....[Ventilating Fan.]<br/>Moore &amp; Wyman.....[Elevators.]<br/>New England Felt Roofing Works.....[Roofing.]<br/>Samson Cordage Works.....[Sash-Cord.]<br/>Spaulding Print Paper Co.....[Blue Prints.]<br/>Walton Bros.....[Masons' Supplies.]<br/>Whittier Machine Co.....[Elevators.]</p> <p><b>Clinton.</b><br/>Clinton Wire Cloth Co.....[Metallic Lathing.]</p> | <p><b>MASSACHUSETTS.</b></p> <p><b>Palmer.</b><br/>Flynt Building &amp; Construction Co.....[Building Contractors.]</p> <p><b>Springfield.</b><br/>Elektron Mfg. Co.....[Elevators.]</p> <p><b>MARYLAND.</b></p> <p><b>Baltimore.</b><br/>Vaile &amp; Young.....[Stylights.]</p> <p><b>MISSOURI.</b></p> <p><b>St. Louis.</b><br/>Hydraulic-Press Brick Co.....[Bricks.]<br/>Ludlow Saylor Wire Co.....[Art Metal-Work.]</p> <p><b>NEW JERSEY.</b></p> <p><b>Camden.</b><br/>Webster &amp; Co., Warren.....[Steam Heating.]</p> <p><b>Jersey City.</b><br/>Dixon Crucible Co., Jos.....[Graphite.]<br/>National Sheet Metal Roofing Co.....[Metal Shingles.]</p> <p><b>Newark.</b><br/>Storm Mfg. Co.....[Dumb-Waiters.]</p> <p><b>Paterson.</b><br/>Passaic Rolling Mill Co.....[Structural Iron.]</p> <p><b>Perth Amboy.</b><br/>Perth Amboy Terra-Cotta Co.....[Terra-Cotta.]</p> <p><b>Trenton.</b><br/>N. J. Steel &amp; Iron Co.....[Iron.]<br/>New Jersey Wire Cloth Co.....[Metallic Lath.]</p> <p><b>NEW YORK.</b></p> <p><b>Brooklyn.</b><br/>Chrome Steel Works.....[Chrome Steel.]</p> <p><b>Buffalo.</b><br/>Union Akron Cement Co.....[Cement.]</p> <p><b>Irvington-on-Hudson.</b><br/>Lord &amp; Burnham Co.....[Conservatories.]</p> <p><b>New York City.</b><br/>Aeschlimann &amp; Pellarin.....[Marble Mosaics.]<br/>Alsen's Cement Works.....[Cements.]<br/>American Boiler Co.....[Heating Apparatus.]<br/>Armstrong &amp; Co., Maitland.....[Stained-Glass.]<br/>Atlas Cement Co.....[Cement.]<br/>Bicklehaupt, G.....[Stylights.]<br/>Brisey, W. R.....[Insulated Wire.]</p> | <p><b>NEW YORK.</b></p> <p>Caffall Bros.....[Waterproofing Masonry.]<br/>Central Fireproofing Co.....[Fireproof Building.]<br/>Clark, Bunnett &amp; Co.....[Onlign Shutters.]<br/>Columbia College.....[School of Architecture.]<br/>Continental Insurance Co.....[Insurance.]<br/>Deane, E. Eldon.....[Colorist.]<br/>Devos &amp; Co., F. W.....[Faints.]<br/>Fisher &amp; Co., Robert C.....[Marble.]<br/>Flexible Door &amp; Shutter Co.....[Rolling-Shutters.]<br/>Frank, I. F.....[Reflectors.]<br/>Gorton &amp; Lidgerwood Co.....[Boilers.]<br/>Hayes, George.....[Metallic Lathing.]<br/>Heating and Ventilation Pub. Co.....[Journal.]<br/>Hill, George.....[Consulting Engineer.]<br/>Hitchings &amp; Co.....[Greenhouses.]<br/>Jackson &amp; Co., Wm. H.....[Grates.]<br/>Jackson Architectural Iron Works.....[Iron Work.]<br/>Jenkins Bros.....[Valves.]<br/>Johns Mfg. Co., H. W.....[Asbestos.]<br/>Jones, T. W.....[Fanes.]<br/>Kendrick, R.....[Perspectives.]<br/>Lowinson Ocas.....[Civil Engineers.]<br/>Maurer &amp; Son, Henry.....[Fireproofing.]<br/>Miller &amp; Coates.....[Bath-Tubs.]<br/>Mott Iron Works, J. L.....[Bath-Tubs.]<br/>National Wood Mfg. Co.....[Inlaid Floors.]<br/>Neuchatel Asphalt Co.....[Asphalt.]<br/>N. Y. Metal Ceiling Co.....[Metal Ceilings.]<br/>N. Y. Architectural Terra-Cotta Co.....[Terra-Cotta.]<br/>New York Mastic Works.....[Asphalt.]<br/>N. Y. Metal Ceiling Co.....[Metal Ceilings.]<br/>Okonite Co. (Ltd.).....[Insulated Wire.]<br/>Otis Bros. &amp; Co.....[Elevators.]<br/>Pitt, W. R.....[Folding-Gates.]<br/>Raritan Hollow &amp; Porous Brick Co.....[Fireproofing.]<br/>Richardson &amp; Boynton Co.....[Furnaces.]<br/>Rider-Erison Engine Co.....[Hot-Air Engines.]<br/>Sargent &amp; Co.....[Builders' Hardware.]<br/>Smith &amp; Co., H. B.....[Steam Heat.]<br/>Smith &amp; Co., Edward.....[Furnishes.]<br/>Thiele, E.....[Portland Cement.]<br/>Warren Chemical &amp; Mfg. Co.....[Asphalt Roofing.]<br/>Williams, John.....[Wrought Metal.]<br/>Wilson, Jas. G.....[Building-Shutters.]<br/>Worthington, Henry R.....[Pumps.]</p> <p><b>Rochester.</b><br/>Cutler Mfg. Co.....[Mail Chutes.]<br/>Graves Elevator Co.....[Elevators.]</p> <p><b>Rome.</b><br/>Wilson, R. M.....[Bath-tubs.]</p> | <p><b>NEW YORK.</b></p> <p><b>Schenectady.</b><br/>General Electric Co.....[Electrical Equipments.]</p> <p><b>Troy.</b><br/>Globe Ventilator Co.....[Ventilators.]<br/>Troy Laundry Machinery Co.....[Washing Machines.]</p> <p><b>OHIO.</b></p> <p><b>Cincinnati.</b><br/>Higgin Metal Frame Window Screen Co.....[Screens.]</p> <p><b>Cleveland.</b><br/>Brooks, T. H. &amp; Co.....[Sidewalk Lights.]<br/>Cudell, F. E.....[Traps.]</p> <p><b>Niles.</b><br/>Bostwick Steel Lath Co.....[Fireproof Lathing.]</p> <p><b>Zanesville.</b><br/>Mosaic Tile Co.....[Tile.]</p> <p><b>PENNSYLVANIA.</b></p> <p><b>Ambler.</b><br/>Keasey &amp; Mattison Co.....[Magnesia Covering.]</p> <p><b>Philadelphia.</b><br/>Belmont Iron Works.....[Ironwork.]<br/>French &amp; Co., Samuel H.....[Mosaic Colors.]<br/>Jarden Brick Co.....[Bricks.]<br/>Manning, W. T.....[Filters.]<br/>McClure &amp; Co.....[Roofing Tin.]<br/>Merchant &amp; Co.....[Tin Roofing.]<br/>Morse, Williams &amp; Co.....[Elevators.]<br/>Phoenix Iron Co.....[Structural Iron.]<br/>Taylor Co., N. &amp; G.....[Tin.]<br/>Thorn, J. S. Co.....[Sheet Metal.]</p> <p><b>Pittsburgh.</b><br/>Apollo Iron and Steel Co.....[Galvanized Iron.]<br/>Follinsbee Bros. Co.....[Roofing Materials.]<br/>Pittsburgh Terra-Cotta Lumber Co.....[Fireproofing.]<br/>Westinghouse Machine Co.....[Engines.]</p> <p><b>Scranton.</b><br/>International Correspondence Schools, The<br/>[Architecture.]</p> <p><b>TENNESSEE.</b></p> <p><b>Knoxville.</b><br/>University of Tennessee.....[University.]</p> |
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Fourth Presbyterian Church, New York, N. Y. Heins & LaFarge, Architects.



All Saints' Church, Ashmont, Mass. Cram, Wentworth & Goodhue, Architects.

## CHURCHES.



# THE J. L. MOTT IRON WORKS,

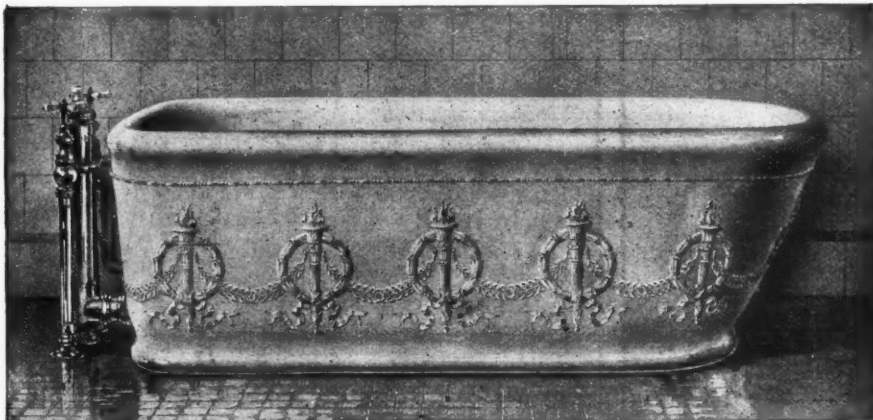
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## IMPERIAL PORCELAIN ROLL-RIM BATHS: THE "GRANADA."



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Imperial Porcelain Roll-Rim Bath, the "Granada," 4 ft. 6 in. long, Embossed Decoration, "Empire," with all Nickel-plated Supply Fittings, Unique Waste, Cauldon China Handles and Pipes to floor.

|     |     |     |     |                   |
|-----|-----|-----|-----|-------------------|
| Do. | do. | do. | do. | 5 ft. 0 in. long. |
| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

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### BUILDING INTELLIGENCE.

(Houses Continued.)

Eleventh Ave., n w cor. 178th St., 5 three-st'y bk. dwells., 18', 21' and 20' x 42'; \$40,000; o., Jacob Hess, Newtown, L. I.; a., Edward S. Kehoe, 243 E. 126th St.

Philadelphia, Pa.—Contractor C. W. Budd is going to build 8 three-st'y bk. dwells., each 16' x 52' 2", on n s Viola St., Nos. 4211-4225, for F. A. Poth, owner, and Mr. Poth will build 6 three-st'y bk. dwells., each 20' x 36', on s s Parkside Ave., Nos. 4226-4236, for himself; a., H. E. Flower.

James Moore will build 3 two-st'y white marble-front dwells., each 16' x 38', on w s D St., s Clearfield St.

A two-st'y st. dwell., 18' x 55', is being constructed on the n s Hunting Park Ave., n e Wissahickon Ave., for I. M. Lutz.

St. Louis, Mo.—Two-st'y dwell., n s Cote Brilliant St., bet. Grand & Spring Sts.; \$5,000; o., Mr. Wm. Lannan.

Five 1½-st'y dwells., s s Crescent St., bet. Graham & Billin Sts.; \$5,000; o., A. Lampe.

Four three-st'y dwells., e s Newstead St., bet. Maryland & McPherson Sts.; \$26,000; o., D. R. Francis.

Two-st'y dwell., s s University St., bet. 25th & Parnell Sts.; \$5,100; o., C. Ernst.

Three-st'y store & dwell., n w cor. Cherokee & Minnesota Aves.; \$5,000; o., Ollie Puer.

Two-st'y dwell., e s 14th St., bet. Clark & Spruce Sts.; \$5,000; o., Chas. Gietner.

Two two-st'y dwells., e s Kingshighway, nr. Maple St.; \$10,000; o., B. B. Hastings.

Worcester, Mass.—Wachusett St., two-st'y fr. dwell.; \$5,000; o., E. B. Clapp; a., Barker & Nourse; o., H. G. Hadley.

### MERCANTILE BUILDINGS.

Lynn, Mass.—Summer St., three-st'y fr. business block, 58' x 77', comp. roof, steam; \$15,000; o., Jas. Phelan; a., Holman K. Wheeler.

### PUBLIC BUILDINGS.

Lincoln, R. I.—Plans for a town-hall to cost \$8,000 prepared by D. H. Thornton of Johnston, have been approved by the Town Council.

### MISCELLANEOUS.

Cincinnati, O.—Cherry St., three-st'y bk. asylum, 41' x 80'; \$18,000; o., St. Joseph's Orphan Asylum; o., J. Koenig; a., Sam'l Hannaford & Sons.

Eight St., three-st'y bk. Salvage Corps Building, 25' x 100'; \$7,000; o., John C. Davis; o., Wm. Scherberth, Jr.; a., A. R. James.

Groton, Mass.—One-st'y bk. pumping station, 33' x 47', slate roof; \$5,000; o., Town; a., Cutting, Carleton & Cutting, 44 Front St., Worcester.

New York, N. Y.—Vanderbilt Ave., s e cor. 180th St., four-st'y bk. stable, 63' 8" x 91'; one-st'y bk. shed, 48' 9" x 70', and a three-st'y & base. bk. dwell. & office, 25' 4" x 91'; \$39,000; o., New York Condensed Milk Co., 71 Hudson St.; a., G. H. Chamberlin, 1181 Broadway.

Bank St., No. 149, four-st'y bk. storage-house & lime-kiln, 20' x 50'; \$50,000; o., Western Electric Co., cor. Greenwich & Thames Sts.; a., C. L. W. Eldlitz.

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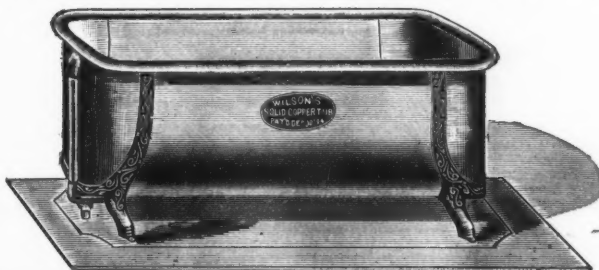
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(Miscellaneous Continued.)

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Waterbury, Vt.—Two-st'y bk. pathological building, 50' x 50', slate roof, steam; \$8,000; o., State Vermont Insane Asylum; a., Chas. W. Buckham, Burlington.

### COMPETITIONS.

SEAL.

[At Washington, D. C.]

The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C.

1138

CLUB-HOUSE.

[At Montclair, N. J.]

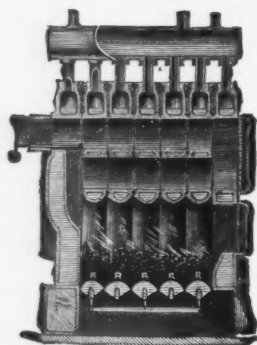
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### COMPETITIONS.

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### SUPERVISING ARCHITECT, TREASURY DEPARTMENT.

September 10, 1897.  
The United States Civil Service Commission announces a competitive examination to fill the vacancy in the position of Supervising Architect of the Treasury. The salary of this position, which is one of the most important and responsible under the government, is \$4,500 per annum, and it is hoped that architects of high attainments and reputation may be induced by these considerations to enter the competition. It is the desire of the Department to secure a practical architect of high administrative ability to direct and supervise the work of the office force, as well as the contract work done on public buildings throughout the country.

Those who enter the competition will be required to submit:

1. On blanks to be furnished by the Commission, statements relative to their training, education and technical experience.

2. Drawings or sketch-plans, specifications and photographs or other suitable illustrations of buildings designed by them as architects, or constructed under their supervision as superintendents of construction; and other information relating to such buildings of which competitors will be advised upon inquiry of the Commission.

3. (a) A thesis relative to designing and construction, and (b) a thesis relative to office administration.

4. In addition to the foregoing tests, competitors will be required to appear on September 10, at points convenient to their places of residence where the

### COMPETITIONS.

Commission has suitable accommodations, to undergo a test in formulating a scheme for competition for a public building and in criticizing designs submitted to them for their guidance and inspection.

The information called for under each of the first three heads above mentioned must be forwarded to the Commission by each competitor on or before September 10. The test under the fourth head will be given on September 10. The examination papers will be rated under the direction of the Commission by a Board of distinguished architects.

Those who desire to enter the competition should write at once to the United States Civil Service Commission, Washington, D. C., for application blanks and other information relating to the examination.  
July 21, 1897. 1132

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

### PROPOSALS.

#### BREWERY.

[At Hartford, Conn.]

Contractors are invited to bid on new brewery. For information apply to A. C. WAGNER, architect, City Hotel, Hartford, Conn.

Treasury Department, Office Supervising Architect, Washington, D. C., August 16, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 15th day of September, 1897, and opened immediately thereafter, for furnishing all the labor and

### PROPOSALS.

materials and fixing in place complete, low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Court-house and Post-office building at Savannah, Ga., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Savannah, Ga. 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. C. E. KEMPEK, Acting Supervising Architect. 1131

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 16, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 10th day of September, 1897, and opened immediately thereafter, for all the labor and materials required and fixing in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office building, Youngstown, O., in strict accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Youngstown, O. 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. C. E. KEMPEK, Acting Supervising Architect. 1131

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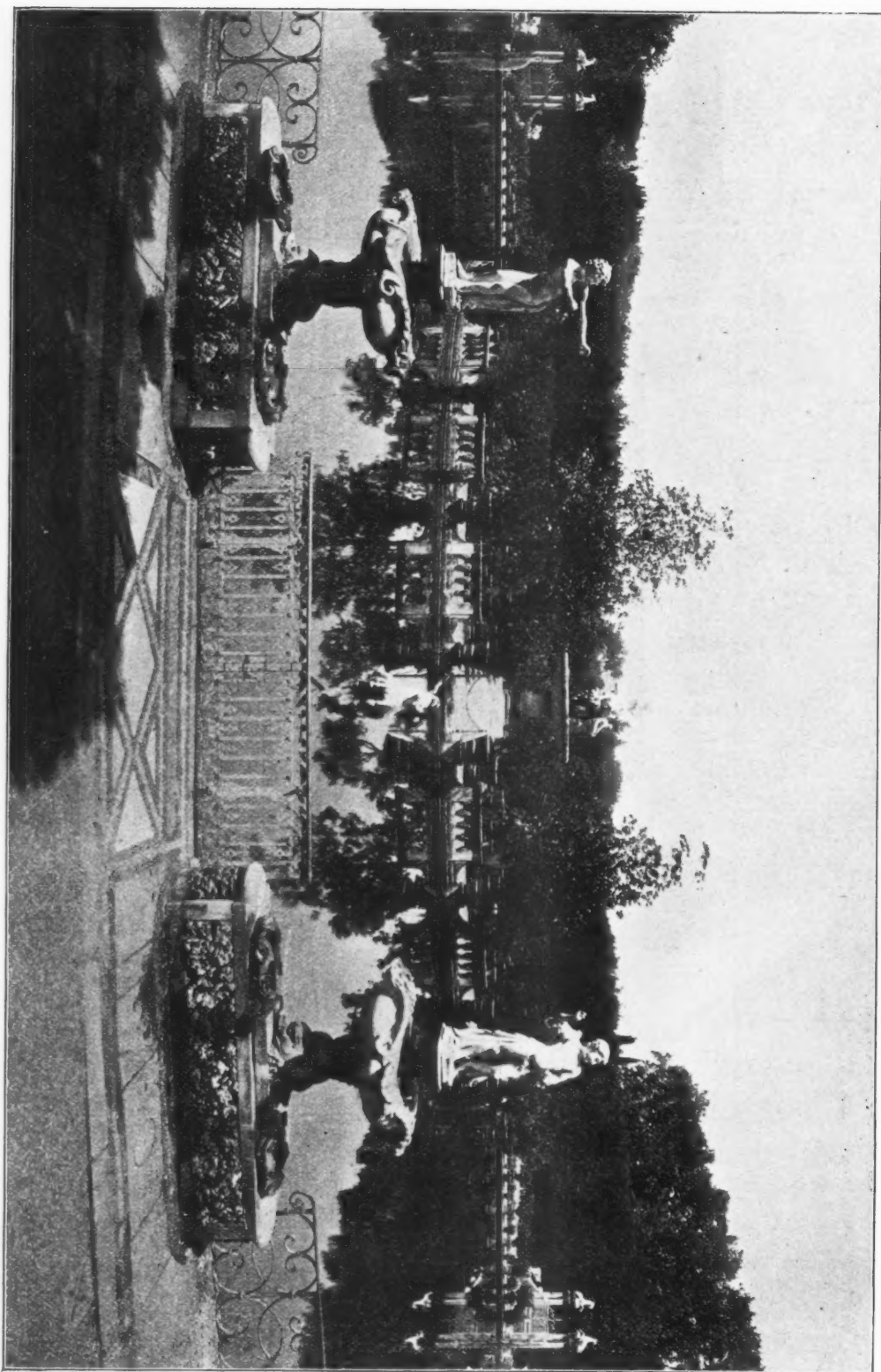
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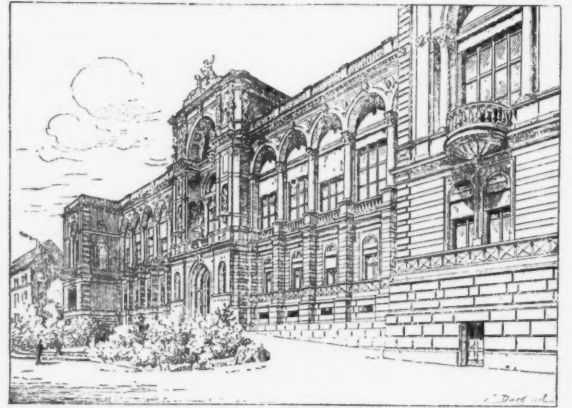
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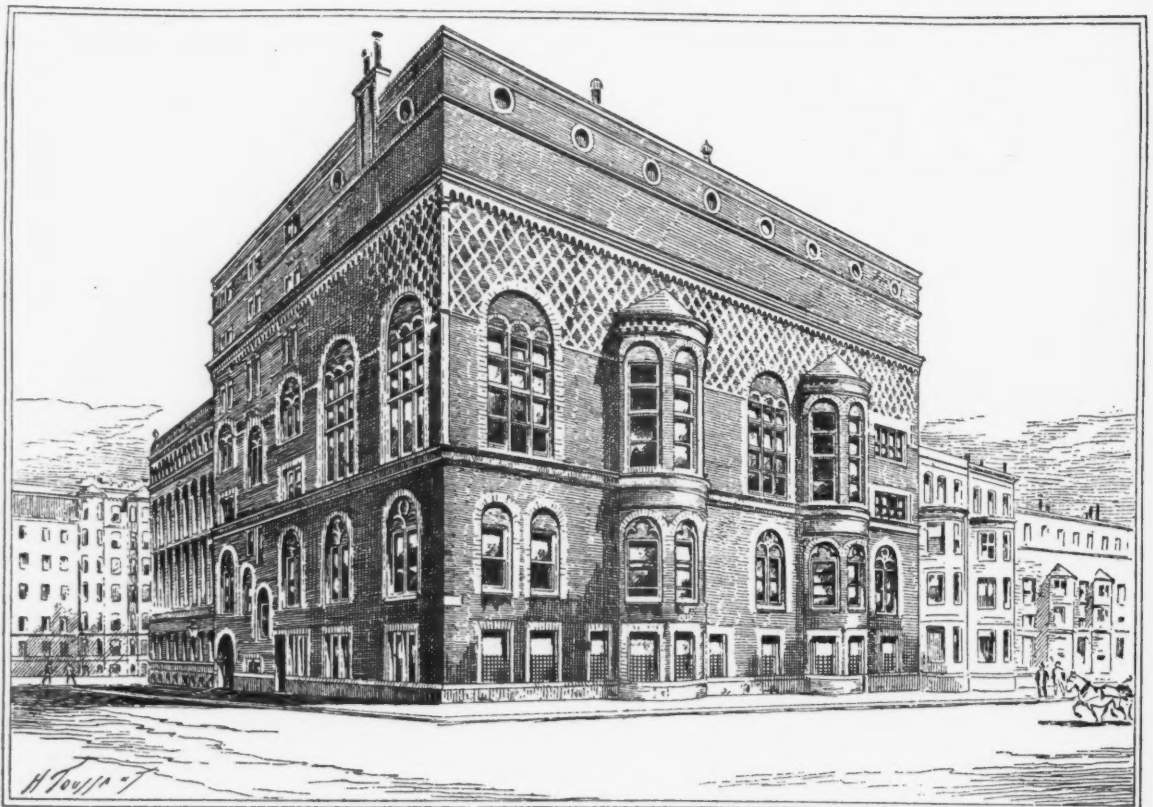
The Stiftungshaus, Vienna, Austria.



Friedrichsbad, Baden-Baden.

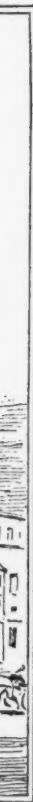
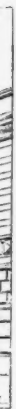


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| <b>BUILDING INTELLIGENCE.</b><br><i>(Advance Rumors Continued.)</i><br>\$10,000. It will be 33' x 67', of red brick and stone, with slate roof. J. J. McGuire, 171 Broadway, New York City, is drawing plans.<br><b>Upper Montclair, N. J.</b> —A new church will be erected by the Congregational Church Society, Rev. Howard Biles, at an estimated cost of \$40,000. It will be 60' x 150', one-st'y high with basement, steam-heated and have slate or tile roof. Plans are being prepared by Architects Cady, Berg & See, 31 E. 17th St.<br><b>Westboro, Mass.</b> —Plans are being prepared by Raud & Taylor and Kendall & Stevens, associate architects, Boston, for a two-st'y brick and marble building for the Westboro Insane Hospital, to be called the "Acute" Building. Average dimensions 164' x 55'. Cost about \$40,000.<br><b>Woodhaven, L. I., N. Y.</b> —The School Board has directed H. Chambers, clerk, to have plans prepared | <b>BUILDING INTELLIGENCE.</b><br><i>(Advance Rumors Continued.)</i><br>for the new No. 6 School-building. Estimated cost, \$35,000.<br><b>ALTERATIONS AND ADDITIONS.</b><br><b>Boston, Mass.</b> —Boylston St., cor. Bumstead Pl., Ward 7, eleven-st'y bk. addition to Hotel Reynolds, 46' x 49' x 69', flat roof, steam; \$250,000; o., Albert Geiger, 131 Devonshire St.; a., A. H. Vinal; not let.<br><b>Chicago, Ill.</b> —Halsted and Lumber Sts., three-st'y & base, bk. & st. addition to warehouse, 110' x 116'; \$25,000; o., Vilas & Robbins, 87 Board of Trade Building; a., E. S. Belden.<br><b>New York, N. Y.</b> —Marion St., Nos. 46 & 48, to a five-st'y bk. business-building; \$15,000; o., Thomas W. Weathered, 183 Taylor St., Brooklyn; a., John Sexton, 206 W. 42d St.<br><b>Ann St., No. 20 and Fulton St., No. 149</b> , to a five-st'y & base, bk. & st. restaurant; \$10,000; o., Mou- | <b>BUILDING INTELLIGENCE.</b><br><i>(Alterations and Additions Continued.)</i><br>quin Co., premises; a., D'Oench & Simon, 40 Fourth Ave.<br><b>E. Seventy-third St., Nos. 321-23</b> , to a five-st'y bk. club-house; \$45,000; o., Bohemian Benevolent & Literary Association, premises; a., W. C. Frohme, Bible House.<br><b>W. Thirty-fourth St., Nos. 104-106</b> , to 2 four-st'y bk. office-buildings & stores; \$6,000; o., Est. Thos. N. Lawrence, 51 Liberty St.; a., Joseph T. Hall & Co., 131 W. 18th St.<br><b>APARTMENT-HOUSES.</b><br><b>Boston, Mass.</b> —Mountford St., No. 13, Ward 11, 4-st'y bk. aparts., 46' x 54' x 85', flat roof, steam; \$100,000; o., Raleigh Chambers Trust; b., W. S. Weston; a., Charles E. Park.<br><b>Chicago, Ill.</b> —Michigan Boulevard and Thirty-sixth St., four-st'y st. & bk. flats, 50' x 185', comp. roof, |
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Fifty-first St. and Madison Ave., four-sty bk. flats, 50' x 80', comp. roof, steam; \$35,000; a. Wilson & Marshall, 218 La Salle St.; not let.  
Jackson Ave., nr. 64th St., four-sty bk. & st. flats, 50' x 70', comp. roof, steam; \$17,000; o. Emily M. Johnson; a. S. Linderoth & Co., 6450 Union Ave.  
Ellis Ave., No. 3537, four-sty bk. flats, 40' x 75'; \$25,000; o. W. A. Paulsen, Agent, 95 Dearborn St.; c. Frank Smith; a. Handy & Cady.  
Washington Boulevard and Forty-third St., three-sty bk. & st. flats, 50' x 70', comp. roof, steam; \$14,000; o. J. S. Lamb, 1677 W. Monroe St.; c. S. R. Moore & Co.; a. Smith & Johnson.  
S. Park Ave., nr. 35th St., three-sty st. flats, 50' x 75'; \$18,000; o. Wm. McKelvie, 145 La Salle St.; a. Smith & Johnson.  
Sixty-third St. and Monroe Ave., three-sty bk. flats, comp. roof, steam; \$30,000; o. e. Archie Hood, 145 La Salle St.; a. D. H. Perkins, 1107 Steiway Hall.  
New York, N. Y.—One Hundred and Seventeenth St., n. s. 100' w. cor. 8th Ave., 4 five-sty bk. flats & stores, 25' x 80'; \$30,000; o. Jacob Wicks, Jr., 67 E. Ninety-second St.; a. Edward Wenz, 1491 Third Ave.  
Thirty-sixth St., s. e. cor. 9th Ave., five-sty bk. flats & store, 24' 9" x 70'; \$24,000; o. August Finck, 315 W. 57th St.; a. Joseph Wolf, 1125 Broadway.  
W. Thirty-sixth St., No. 362, five-sty bk. flats & store, 25' x 39' 5"; \$9,500; o. Charles F. Hatmer, 200 W. 74th St.; a. Joseph Wolf.  
Avenue D, Nos. 50 52, six-sty bk. flats, 28' 8" x 71'; \$25,000; o. Lena & Sarah Michelson, 130 Avenue D; a. Samuel Saxe, 25 Chambers St.  
E. Fourth St., No. 75, six-sty bk. flats & store, 25' 4" x 37' 9"; \$27,000; o. Joseph L. Bittenwieser, 237 E. 60th St.; a. G. F. Polham, 503 Fifth Ave.  
E. One Hundred and First St., No. 315, six-sty bk. flats & store, 25' x 86'; o. Sidney Blumenthal, 73 E. 95th St.; a. Kurtzer & Rohl, 3d Ave. & 7th St.  
Eighth Ave., e. s. 50' 6" in 47th St., 3 five-sty bk. flats & stores, 30' x 100' and 29' 5" x 100'; \$90,000; o. Thomas W. Keogh, 907 Kent Ave., Brooklyn; a. F. B. Cole, 101 Beekman St.  
E. One Hundred and Tenth St., Nos. 305-309, 3 five-sty bk. flats & stores, 25' x 85' 11" & 25' x 79'; \$54,000; o. Moritz Levin, 262 Henry St.; a. Samuel Saxe, 25 Chambers St.  
One Hundred and Forty-eighth St., s. e. cor. Amsterdam Ave., 2 five-sty bk. flats & stores, 25' x 95' & 24' 11" x 85' 8"; \$60,000; o. John E. O'Brien, 596 E. 134th St.; a. Neville & Bago, 217 W. 125th St.  
One Hundred and Fifty-third St., cor. 8th Ave., 4 five-sty bk. & st. flats, 25' x 90'; \$100,000; o. b. Hugo F. Hoeller, St. Nicholas Ave. & 118th St.; a. Julius Franke, 727 Broadway.  
One Hundred and Fifth St., nr. Amsterdam Ave., five-sty st. flats, 50' x 86' 5"; \$75,000; o. Mrs. Clara Eakins, 151 W. 103th St.; a. Ralph S. Townsend.  
One Hundred and Tenth St., nr. 2d Ave., 2 five-sty bk. & st. flats & stores, 25' x 84'; \$60,000; o. Morris Levin, 262 Henry St.; a. Samuel Saxe, 25 Chambers St.  
Ellen Ave., cor. 155th St., 2 four-sty bk. flats & stores, 25' x 95' & 25' x 75'; \$35,000; o. a. b. John Meyer, 774 E. 163d St.; a. W. C. Dickerson.  
New Haven, Conn.—Dixwell Ave., three-sty bk.

## BUILDING INTELLIGENCE.

## (Apartment-Houses Continued.)

flats & stores, 40' x 68', tin roof; \$10,000; o. B. Jaspán; a. George C. A. Brown; not let.  
Franklin St., three-sty bk. flats, 41' x 66', tin roof; \$10,000; o. Mrs. Josephine Brennan; b. John Conlan; a. Fred. D. Austin.  
St. Louis, Mo.—Two-sty store & flats, e. s. Broad way, bet. Doddridge & Gamblin Sts.; \$9,000; o. M. A. Shepard.  
Three-sty store & flats, n. e. cor. Keokuk & Nebraska Aves.; \$5,000; o. Baker & Huber.  
Two-sty store & flats, s. s. Wyoming St., nr. California Ave.; \$7,500; o. Andrew Dietz.  
Two-sty store & flats, o. s. 10th St., bet. Locust & St. Charles Sts.; \$6,800; o. Jos. Bardarocco.  
Two-sty flats, w. s. Arlington St., bet. Theodosia & Easton Sts.; \$9,000; o. O. B. Ferris.  
CHURCHES.  
Boston, Mass.—Lexington St., Nos. 80-84, Ward 1, bk. church, 60' x 97', p. th. roof, steam; \$30,000; o. St. John's P. E. Church; b. H. Drisko & Son; a. Martin & Hall, Providence, R. I.  
Chicago, Ill.—Polk and Claremont Aves., bk. & st. church, 63' x 106', slate roof, steam; \$15,000; o. Covenant Congregational Church; a. Morrison H. Vail, 1439 Unity Building.  
New London, Wis.—Bk. & st. church, 51' x 94', shingle roof, steam; \$12,000; o. Congregational Church; a. Buemming & Dick, Milwaukee.  
New York, N. Y.—One Hundred and Twenty-second St., nr. St. Nicholas Ave., two-sty bk. church, 40' x 67'; \$15,600; o. Fourth Reformed Presbyterian Church, premises; a. J. F. Cole.  
EDUCATIONAL.  
Athens, W. Va.—Two-sty bk. normal school, tin roof, steam; \$16,000; o. State of W. Virginia; c. Fouse & Reich, Parkersburg; a. Franzheim, Geisley & Davis, Wheeling.  
Fall River, Mass.—Brayton Ave., two-sty eight-room bk. school, 80' x 120', slate roof, steam; \$30,000; o. City; a. A. M. Marble, 9 Hamilton Pl., Boston; not let.  
Memphis, Tenn.—Poplar St., two-sty & base. st. & bk. high school, 89' x 109' 6"; \$40,000; o. Board of Education; a. G. M. Shaw; not let.  
South Bend, Ind.—Two-sty bk. parochial-school, slate roof, steam; \$20,000; o. St. Patrick's Congregation, J. W. Clarke, pastor; a. Dirham & Schneider.  
FACTORIES.  
New York, N. Y.—First Ave., e. s. 38' s. 61st St., three-sty bk. factory, 62' 5" x 90'; \$10,000; o. Frederick Buse, 409 E. 61st St.; a. W. D. Hunter, 96 Fifth Ave.  
Elm and Leonard Sts., s. e. cor., twelve-sty bk. factory & store, 74' 9" x 108' 9"; \$275,000; o. New York Life Insurance Co., 346 Broadway; a. Babb, Cook & Willard, 874 Broadway.  
HOUSES.  
Andover, Mass.—High St., 21-sty fr. dwell., 30' x 40', shingle roof, steam; \$4,000; o. F. W. Barnard; a. Merrill & Clark, Lowell.  
S. Main St., 21-sty fr. dwell. & stable, 92' x 100', hip roof, steam; \$10,000; o. H. Bradford Lewis; a. Merrill & Cutler, Lowell.

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Dundee St., Nos. 6-8-10, Ward 10, 3 three-sty bk. dwells, 20' x 40', flat roofs, stoves; \$15,000; o. E. A. Bangs, 29 Pemberton Sq.; b. Joseph Green; a. A. H. Bowditch.  
Terry St., nr. Tremont St., Ward 19, 2 three-sty bk. dwells, 20' x 48', flat roofs, stoves; \$11,000; o. Lyman J. Clark, Brookline; a. Geo. Fred. Crosby, 120 Tremont St.; not let.  
Cunard St., nr. Tremont St., Ward 18, 2 three-sty bk. dwells, 21' x 50', flat roofs, stoves; \$12,000; o. S. Anselvick; b. B. Levine.  
Commonwealth Ave., cor. Naples Road, Ward 25, 2 three-sty bk. dwells, 25' x 30', flat roofs, hot water; \$30,000; o. b. Appleton B. Eastman, 338 Bowdoin St., Dorchester; a. C. E. Park.  
Stanton St., nr. Norfolk St., Ward 24, two-sty fr. dwell., 20' x 50', pitch roof, furnace; \$4,500; o. b. A. L. Potter, 8 Stafford St.  
Stratford St., nr. Waldeck St., Ward 20, two-sty fr. dwell., 24' x 39', pitch roof, furnace; \$5,000; o. b. Allan B. Gould, Freeman St., Dorchester.  
Edison Green, nr. Dorchester Ave., Ward 16, two-sty fr. dwell., 26' x 45', pitch roof, furnace; \$5,000; o. b. E. F. Brennan, 244 Hancock St.  
Claymont Terrace, nr. Neponset Ave., Ward 24, two-sty fr. dwell., 28' x 33', pitch roof, furnace; \$4,500; o. b. Bernard Dorcey, Newhall St., Dorchester.  
Wentworth St., nr. Norfolk St., Ward 24, 2 two-sty fr. dwells, 24' x 29' x 45', pitch roofs, furnaces; \$8,000; o. b. H. Rockwell, 60 Mattapan St., Dorchester.  
Selden St., nr. Capen St., Ward 24, two-sty fr. dwell., 28' x 38', pitch roof, furnace; \$4,500; o. E. King Hall, 2409 Massachusetts Ave., Cambridge.  
Greenwood Ave., nr. Washington St., Ward 23, 3 two-sty fr. dwells, 24' x 47', pitch roofs, stoves; \$14,000; o. W. F. Grainger, Attorney; a. West & Granger, 266 Washington St.; not let.  
Hinkley St., nr. Bakersfield St., Ward 20, two-sty fr. dwell., 25' x 48', pitch roof, furnace; \$5,000; o. John Foster, 82 Alexander St.; a. Ernest D. Ryerson.  
Adams St., nr. Gibson St., Ward 24, two-sty fr. dwell., 26' x 29' x 41', pitch roof, furnace; \$5,000; o. b. Daniel McDonald, 101 Barrington St., Dorchester.  
Fairhaven, Mass.—21-sty fr. dwell., 30' x 50', shingle roof, hot air heat; \$7,000; o. Charles W. White, b. H. T. Bullman, New Bedford; a. Nathaniel C. Smith, New Bedford.  
Fall River, Mass.—John St., three-sty fr. dwell., 27' x 50', comp. roof, hot air; \$5,000; o. A. E. Sullivan; b. Callahan, Daley & Co.  
Barnaby St., 21-sty fr. dwell., 30' x 50', shingle roof, steam; \$5,000; o. Rosalind R. Glynn; b. Anderson & Ellis.  
Lake Forest, Ill.—Huron Ave., three-sty bk. dwell., tile roof, hot water; \$12,000; o. Mrs. Alfred White Granger; a. Alfred White Granger; not let.  
LYNN, Mass.—Two-sty bk. dwell., 28' x 40', slate roof, furnace; \$7,500; o. Stephen Howe, 64 Oxford St.; b. Hatch & Fernald; a. H. W. Rogers.  
Medford, Mass.—Mystic St., two-sty fr. dwell., 30' x 40', pitch roof, furnace; \$5,000; o. C. H. Wilson, 24 Cross St.; b. L. H. Lovering; a. Wales & Holt, Boston.

(Continued on page xv.)



# THE J. L. MOTT IRON WORKS,

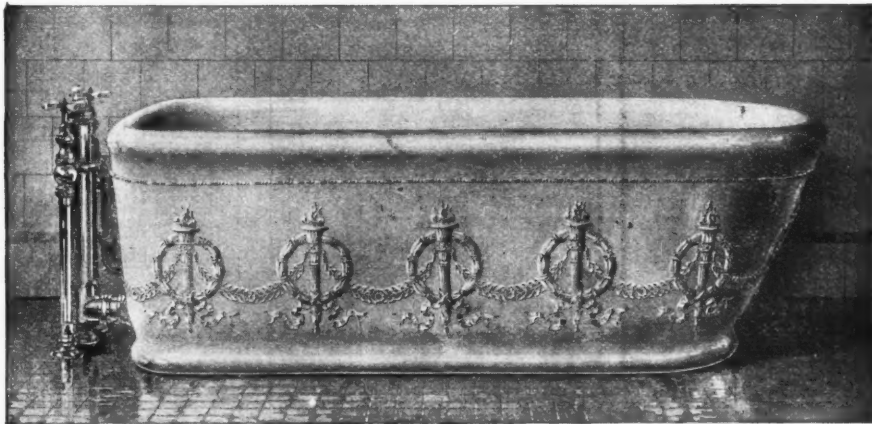
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| Do. | do. | do. | do. | 5 ft. 6 in. long. |

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### COMPETITIONS.

#### SUPERVISING ARCHITECT, TREASURY DEPARTMENT.

September 10, 1897.

The United States Civil Service Commission announces a competitive examination to fill the vacancy in the position of Supervising Architect of the Treasury. The salary of this position, which is one of the most important and responsible under the government, is \$4,500 per annum, and it is hoped that architects of high attainments and reputation may be induced by these considerations to enter the competition. It is the desire of the Department to secure a practical architect of high administrative ability to direct and supervise the work of the office force, as well as the contract work done on public buildings throughout the country.

Those who enter the competition will be required to submit:

1. On blanks to be furnished by the Commission, statements relative to their training, education and technical experience.
2. Drawings or sketch-plans, specifications and photographs or other suitable illustrations of buildings designed by them as architects, or constructed under their supervision as superintendents of construction; and other information relating to such buildings of which competitors will be advised upon inquiry of the Commission.
3. (a) A thesis relative to designing and construction, and (b) a thesis relative to office administration.
4. In addition to the foregoing tests, competitors will be required to appear on September 10, at points convenient to their places of residence where the Commission has suitable accommodations, to undergo a test in formulating a scheme for competition for a public building and in criticizing designs submitted to them for their guidance and inspection.

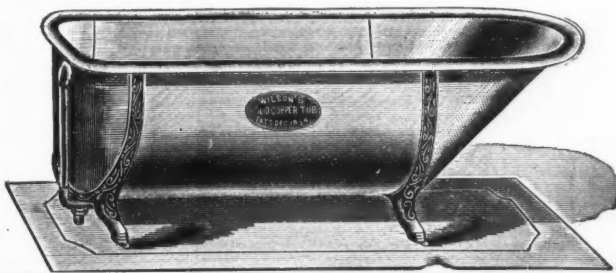
The information called for under each of the first three heads above mentioned must be forwarded to the Commission by each competitor on or before September 10. The test under the fourth head will be given on September 10. The examination papers will be rated under the direction of the Commission by a Board of distinguished architects.

Those who desire to enter the competition should write at once to the United States Civil Service Com-

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### COMPETITIONS.

mission, Washington, D. C., for application blanks and other information relating to the examination. July 21, 1897. 1132

**FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see American Architect for April 24, 1897. t.f.**

### SEAL.

The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1138

### CLUB-HOUSE.

[At Montclair, N. J.] Competitions for plans for the new club-house of the Y. M. C. A. are to be held. Apply to JOHN H. LIVERMORE, Chairman of Building Committee.

### PROPOSALS.

#### PUMPING-STATION.

[At Baltimore, Md.] Proposals are invited for the furnishing of all labor and materials necessary for the erection and completion of the superstructure of the Mt. Royal pumping-station, at the corner of North Ave. and McMechen St. Copies of the drawings and specifications may be borrowed from the architect by general contractors only upon depositing with him a check for \$25 drawn to the order of the Water Board. Proposals must be delivered on or before noon of September 4. T. J. HAYWARD, Chairman Engineers' Committee. 1131

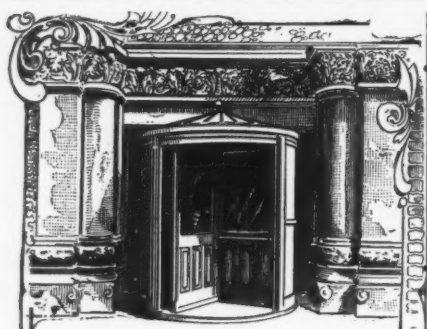
Treasury Department, Office Supervising Architect, Washington, D. C., August 20, 1897. Sealed proposals

### PROPOSALS.

will be received at this office until 2 o'clock P. M. on the 16th day of September, 1897, and opened immediately thereafter, for furnishing all the labor and materials required for the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office and Custom-house building at New London, Conn., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at New London, Conn. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1132

Treasury Department, Office Supervising Architect, Washington, D. C., August 17, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of September, 1897, and opened immediately thereafter, for all the labor and materials required for the erection and completion of a two-story money-vault in the second story of the Post-office and Sub-treasury building at Boston, Mass., including the necessary modification of the present construction of the building in accordance with the drawing and specification, copies of which may be had at this office or at the office of the Custodian of the building. 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. C. E. KEMPER, Acting Supervising Architect. 1132

Treasury Department, Office Supervising Architect, Washington, D. C., August 16, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 15th day of September, 1897, and opened immediately



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 with drawings and specification, copies of which  
 may be had at this office or at the office of the Super-  
 intendent at Savannah, Ga. Each bid must be accom-  
 panied 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  
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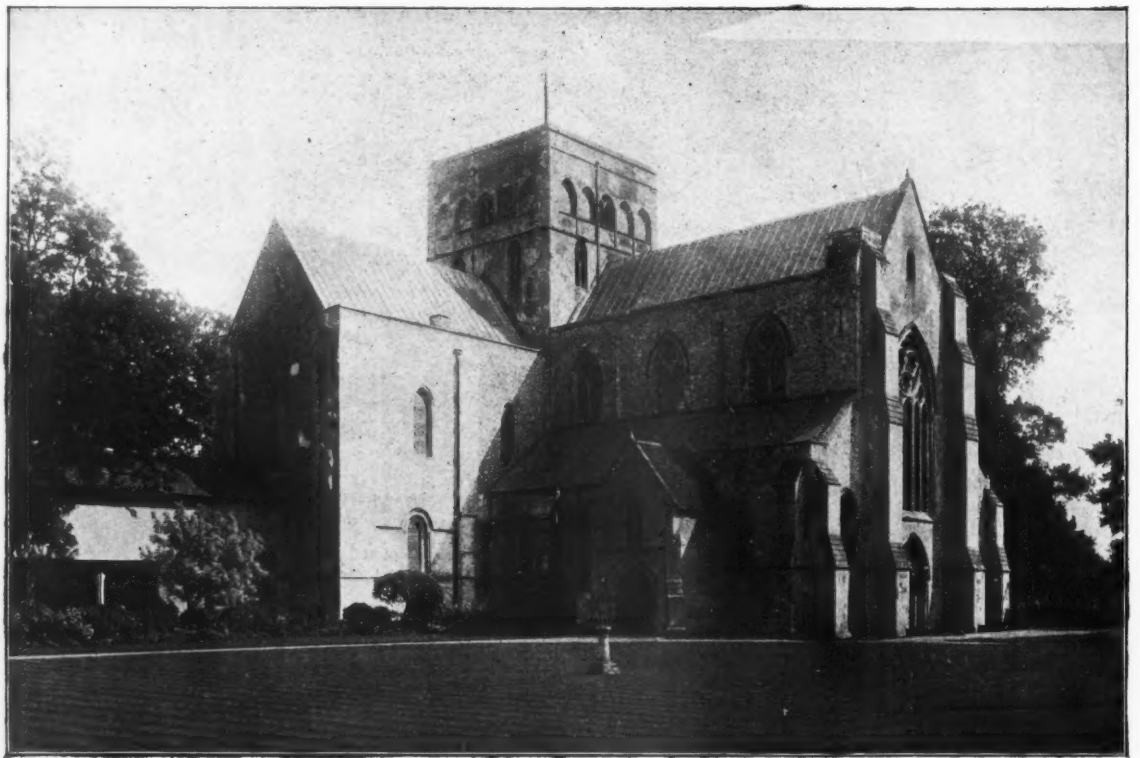
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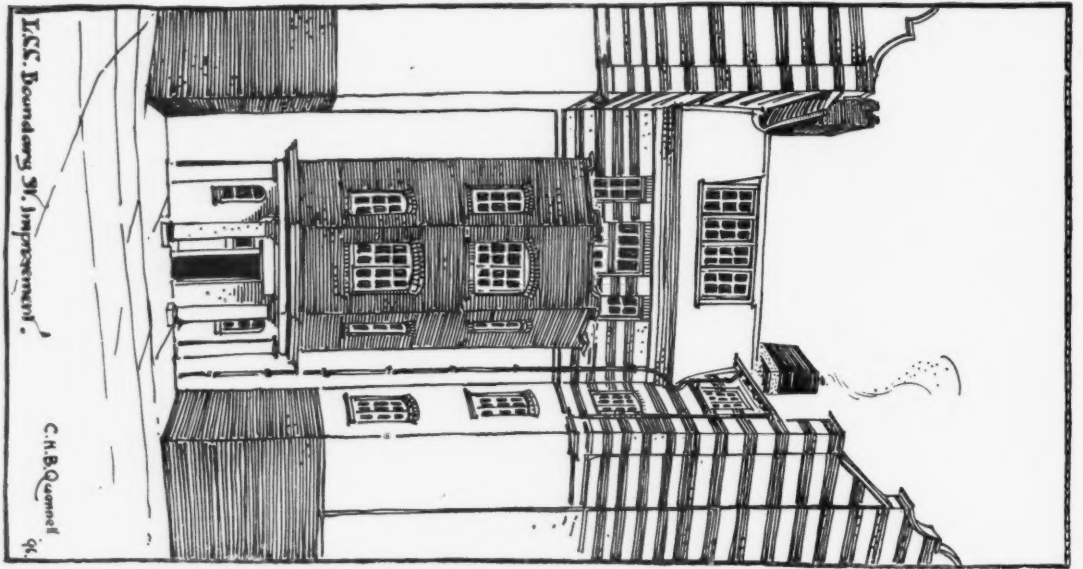
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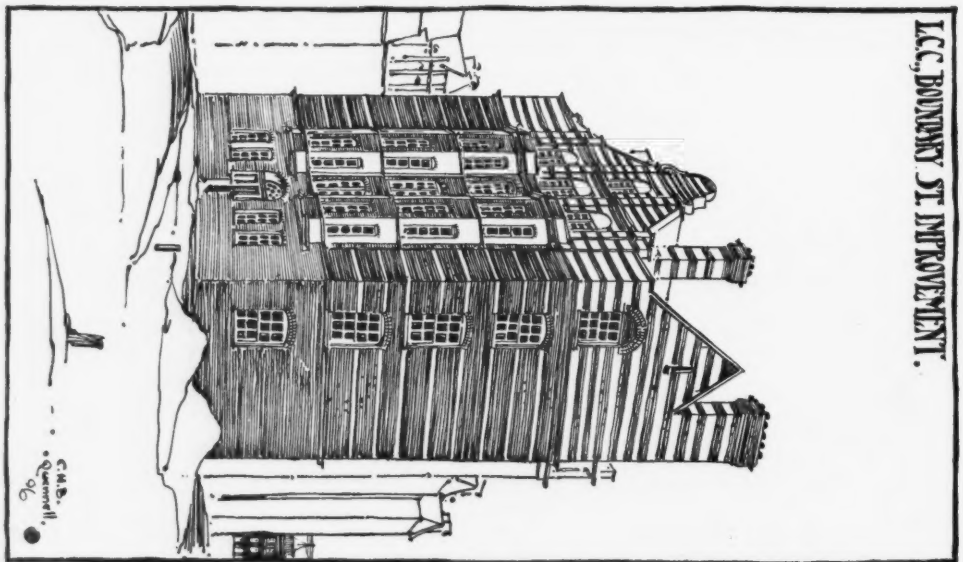
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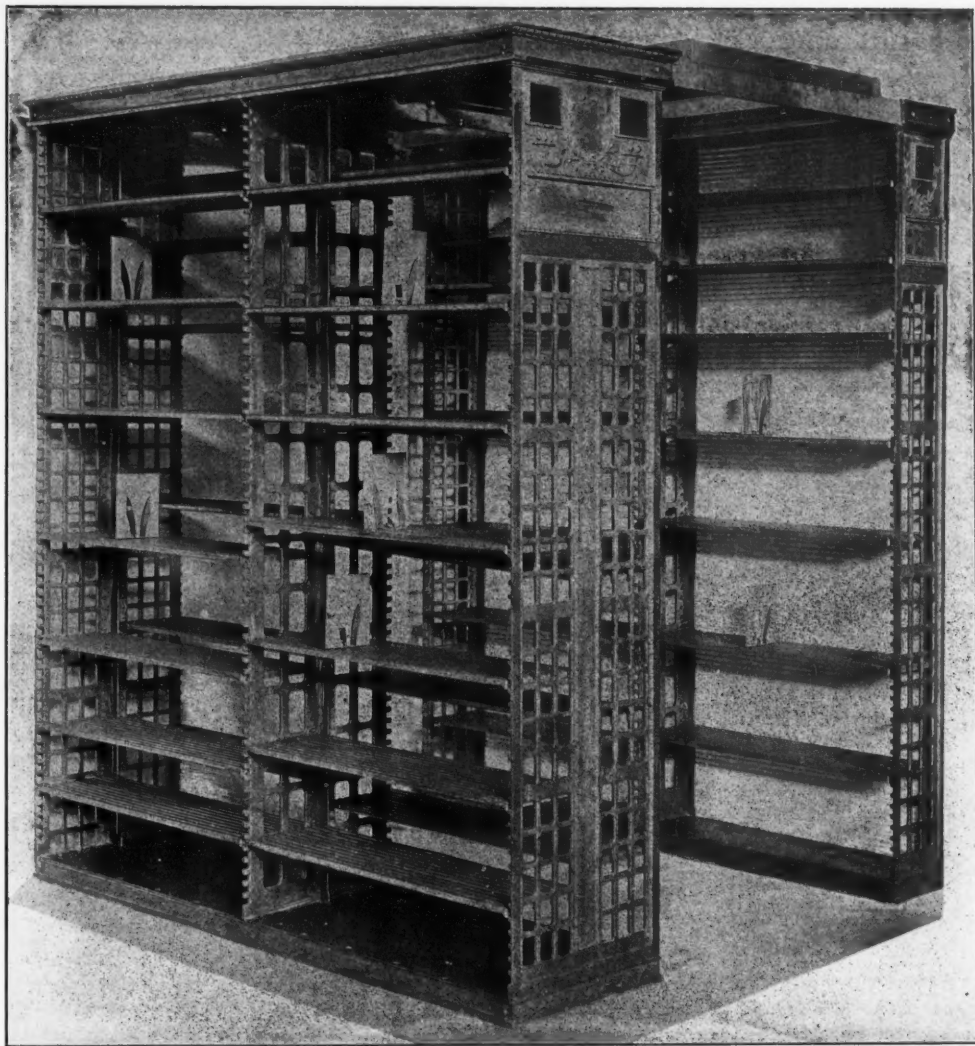


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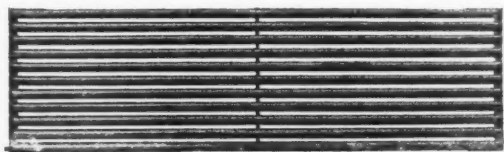




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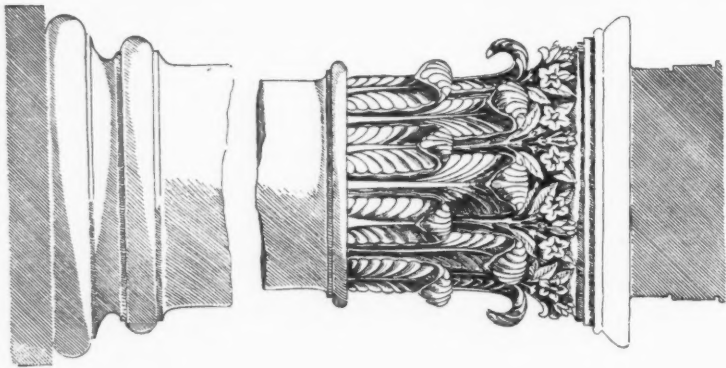
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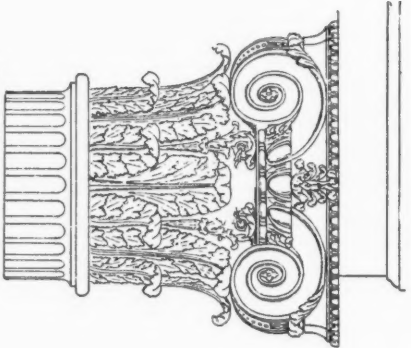
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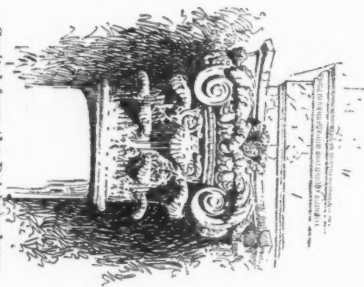
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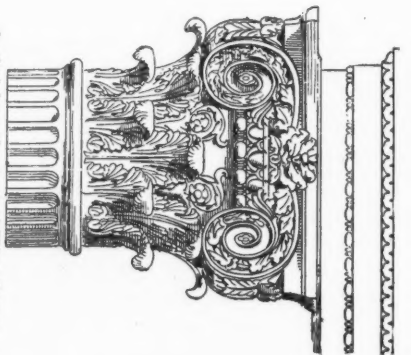
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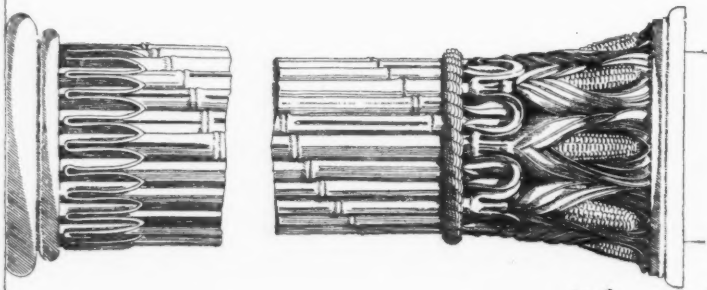
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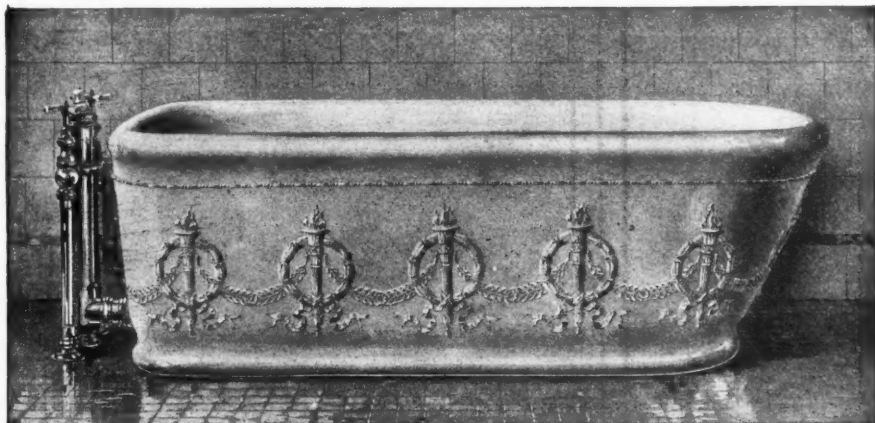
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Border St., nr. Central Sq., Ward 1, two-sty fr. dwell., 22' x 44', pitch roof, stoves; \$9,000; o., Fred McQueen; a., A. H. Bowditch, 85 Devonshire St.; not let.

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Romsey St., nr. Saxton St., Ward 20, two-sty fr. dwell., 27' x 57', pitch roof, stoves; \$4,500; o., N. F. Daley; b., D. A. Hutchinson, 77 Cedar St., Roxbury.

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Barnard St., 2 two-sty fr. dwells., 30' x 46', pitch roofs, hot air; \$10,000; o., R. E. Kilpatrick; a., W. E. Becker.

Belden St., three-sty bk. dwell., 40' x 65', comp. roof, hot air; \$12,000; o., J. J. B. Von Swartwout; a., C. O. Whitmore.

Haverhill, Mass. — Berkeley Ave., 2½-sty fr. dwell., 38' x 40', shingle roof, hot water; \$5,000; o., Mellen A. Pingree; a., Perkins & Bancroft.

Kewanee, Ill. — 2½-sty bk. dwell., 68' x 75'; \$12,000; o., Hon. J. H. Pierce.

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Malden, Mass. — Maple St., No. 76-78, 2½-sty fr. dwell., 41' x 48', shingle roof, furnace; \$5,500; o., J. P. Litch, 50 Cedar St.; b., J. Clark & Co., Wyoming Ave.

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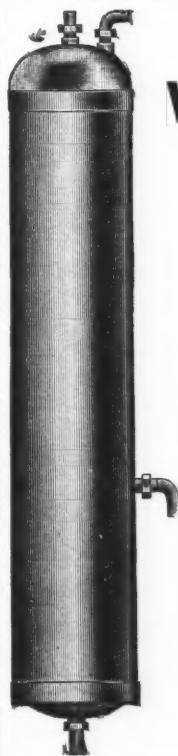
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(Continued on page xix.)



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### COMPETITIONS.

force, as well as the contract work done on public buildings throughout the country.

Those who enter the competition will be required to submit:

1. On blanks to be furnished by the Commission, statements relative to their training, education and technical experience.

2. Drawings or sketch-plans, specifications and photographs or other suitable illustrations of buildings designed by them as architects, or constructed under their supervision as superintendents of construction; and other information relating to such buildings of which competitors will be advised upon inquiry of the Commission.

3. (a) A thesis relative to designing and construction, and (b) a thesis relative to office administration.

4. In addition to the foregoing tests, competitors will be required to appear on September 10, at points convenient to their places of residence where the Commission has suitable accommodations, to undergo a test in formulating a scheme for competition for a public building and in criticizing designs submitted to them for their guidance and inspection.

The information called for under each of the first three heads above mentioned must be forwarded to the Commission by each competitor on or before September 10. The test under the fourth head will be given on September 10. The examination papers will be raised under the direction of the Commission by a Board of distinguished architects.

Those who desire to enter the competition should write at once to the United States Civil Service Commission, Washington, D. C., for application blanks and other information relating to the examination.

July 21, 1897. 1132

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see American Architect for April 24, 1897.

**SEAL.** [At Washington, D. C.]  
The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1138

### PROPOSALS.

**DORMITORY.** [At Columbia, Mo.]  
Bids are wanted September 9, for the erection of a brick dormitory. J. G. BABB, Secretary Board of Curators, University of Missouri. 1132

**HOSPITAL.** [At Cleveland, O.]  
Bids are wanted September 18, for constructing the children's hospital at the City Infirmary on Seranton Ave. WM. J. AKERS, Director of Charities and Correction. 1133

**HOSPITAL.** [At Hanford, Cal.]  
Bids are wanted September 13, for erecting a hospital building at this place. E. CUNNINGHAM, Clerk. 1132

**ASYLUM.** [At Winfield, Kan.]  
Bids are wanted September 15, for erection of a building for the accommodation of idiotic and imbecile children. W. L. BROWN, President Board of Trustees State Charitable Institutions, Topeka, Kan. 1133

Treasury Department, Office Supervising Architect, Washington, D. C., August 31, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 23d day of September, 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 Lynn, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Lynn, 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. All proposals received after the time stated for opening will be returned to the bidders. C. E. KEMPER, Acting Supervising Architect. 1132

### PROPOSALS.

**BREWERY.** [At Hartford, Conn.]  
Contractors are invited to bid on new brewery. For information apply to A. C. WAGNER, architect, City Hotel, Hartford, Conn. 1132

Treasury Department, Office Supervising Architect, Washington, D. C., August 20, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of September, 1897, and opened immediately thereafter, for furnishing all the labor and materials required for the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office and Custom-house building at New London, Conn., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at New London, Conn. 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. CHAS. E. KEMPER, Acting Supervising Architect. 1132

Treasury Department, Office Supervising Architect, Washington, D. C., August 17, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of September, 1897, and opened immediately thereafter, for all the labor and materials required for the erection and completion of a two-story money-vault in the second story of the Post-office and Sub-treasury building at Boston, Mass., including the necessary modification of the present construction of the building in accordance with the drawing and specification, copies of which may be had at this office or at the office of the Custodian of the building. 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. C. E. KEMPER, Acting Supervising Architect. 1132

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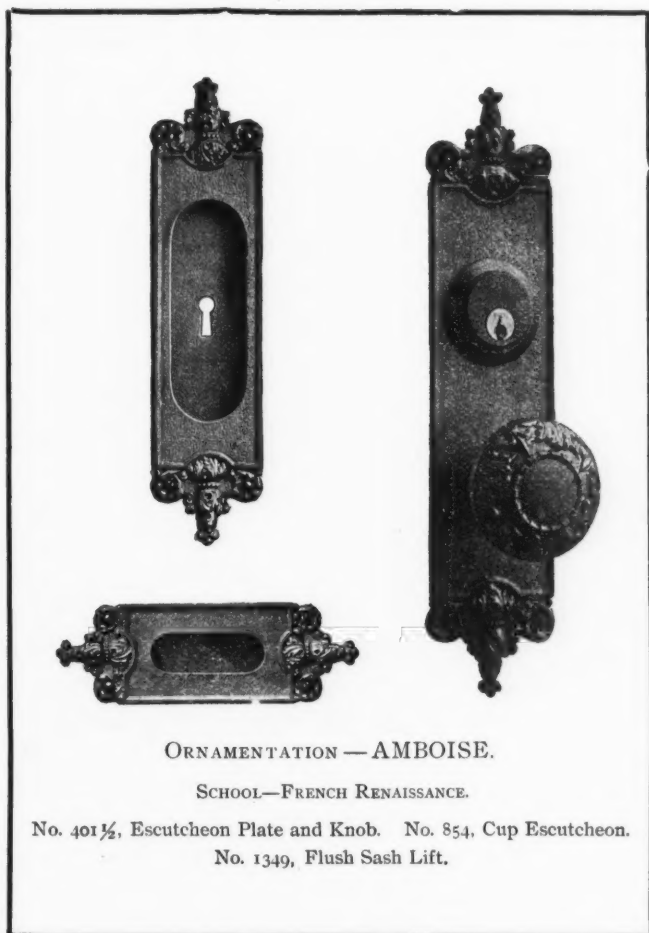
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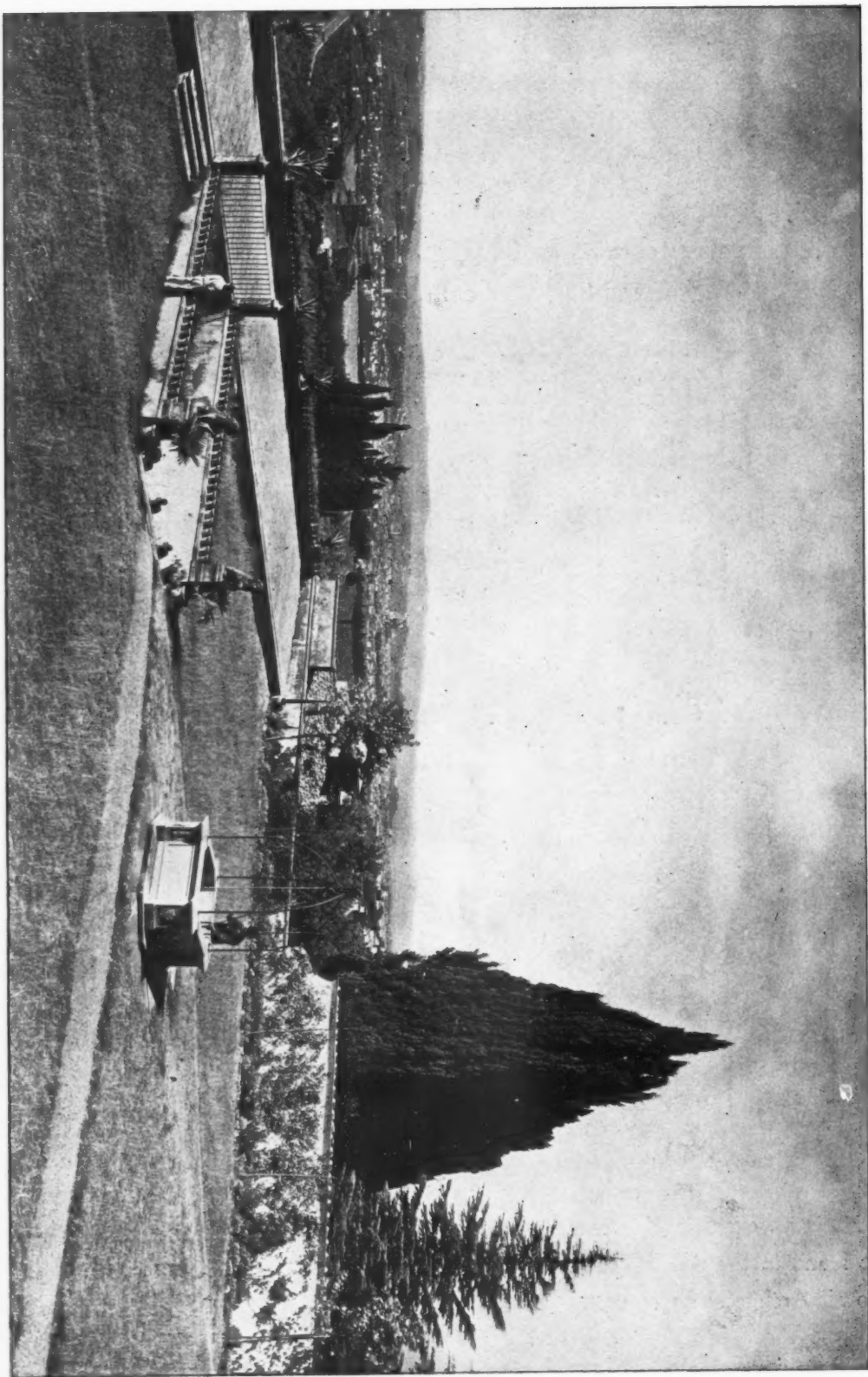
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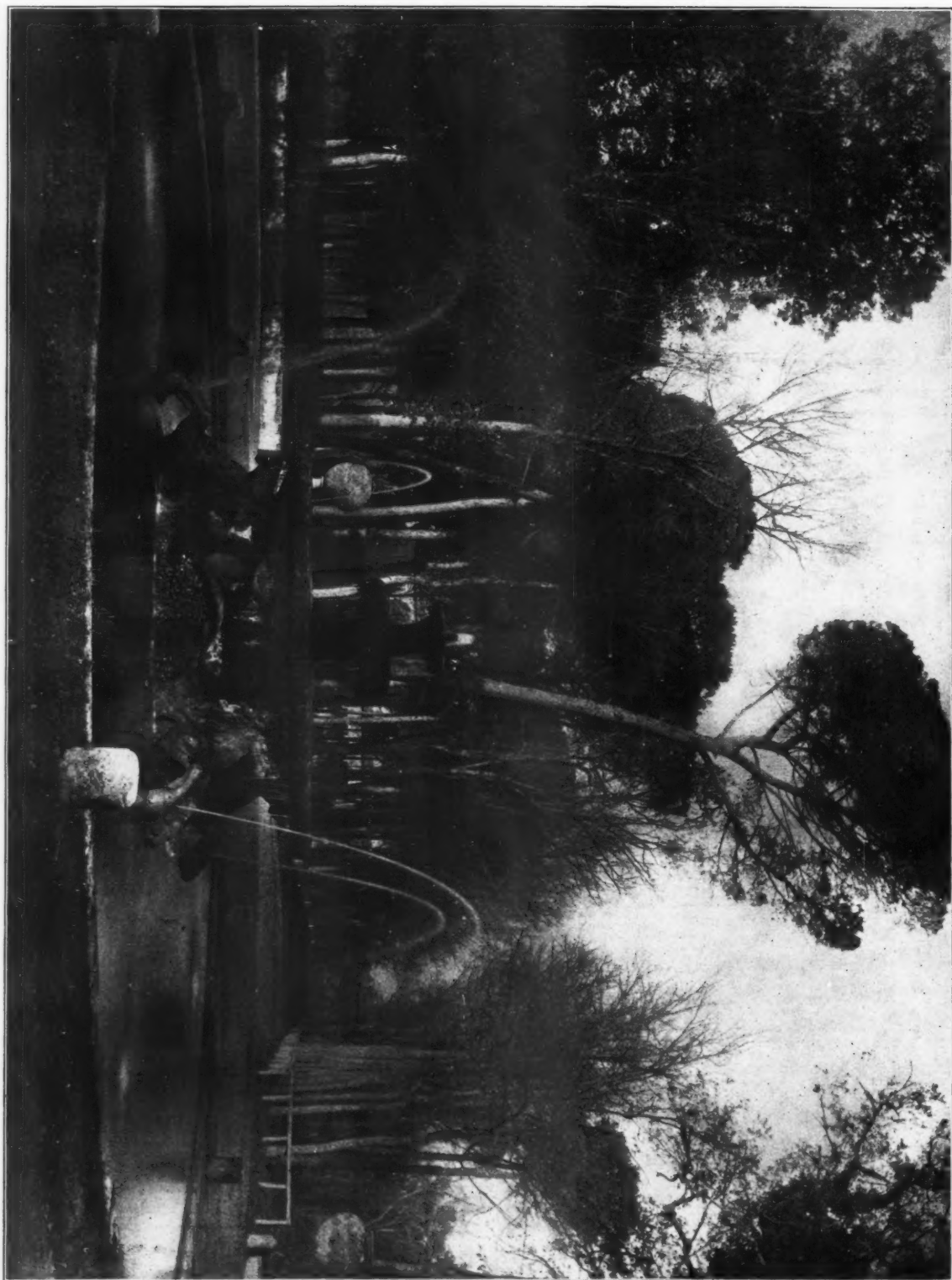
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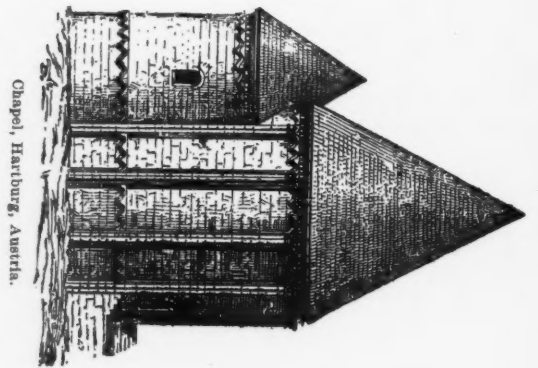
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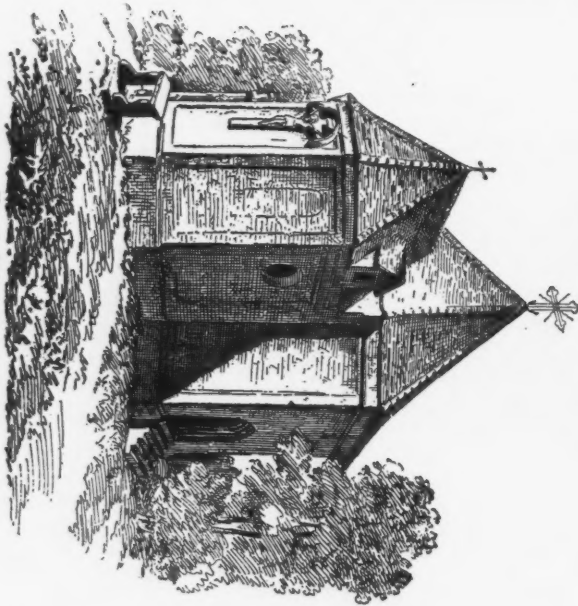
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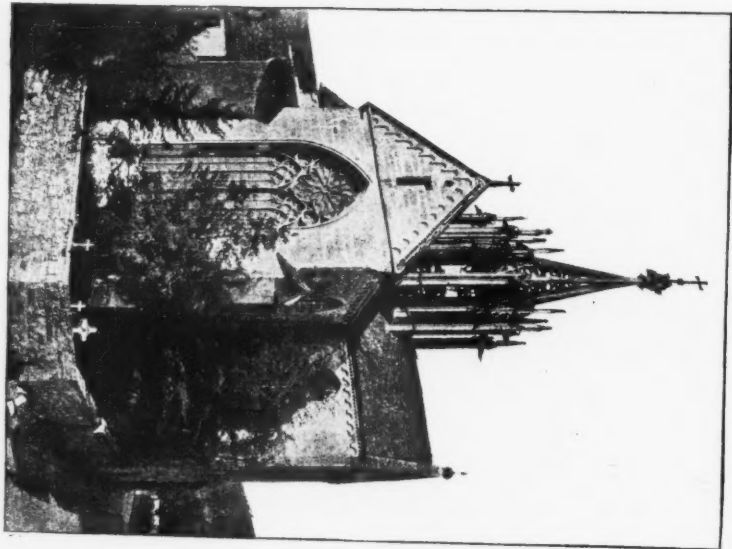




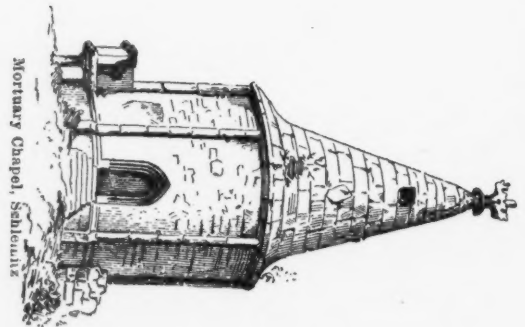
Chapel, Hartburg, Austria.



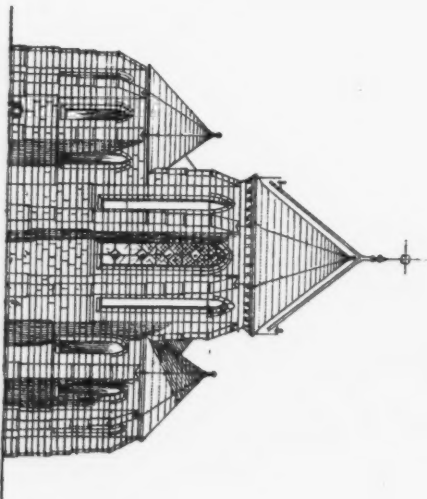
Chapel, Oedenburg, Hungary.



Church at Bobenhausen, near Tübingen, Württemberg.



Mortuary Chapel, Sehlenitz.



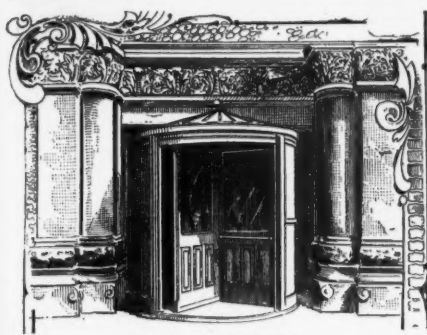
The Church at Ferrieres, France.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Advance Rumors Continued.)<br>is to be erected on corner of 4th Ave. and 19th St., to cost about \$500,000, by a syndicate represented by George Finck, 31 Nassau St. Gilbert Robinson is the architect.<br>Five applications from architectural firms who desire to submit plans for the Ellis Island immigration station have been received by Secretary Gage at Washington, D. C. The invitations to the architects selected will be issued next week. | (Advance Rumors Continued.)<br>North Tonawanda, N. Y. — The town will shortly build a public market, which is estimated to cost \$16,000.<br>Omaha, Neb. — Henry Ives Cobb, of Chicago, has prepared plans for the new residence of E. A. Cudahy. The building will be constructed of gray Roman brick with blue Bedford trimmings and red tile roof. The plans provide for a structure, 55' x | (Advance Rumors Continued.)<br>80', three stories and basement and having 23 rooms with five bath-rooms. Estimated cost, \$75,000.<br>Peoria, Ill. — The contract for the erection of an Asylum for the incurable insane was awarded to M. F. Powers, of Chicago, his bid being \$84,430. He will erect the Administration Building and two additional wings.<br>(Continued on page xv.) |



Church of la Compania, Guanajuato, Mexico.



El. Carmen, Celaya, Mexico.



Lateral Façade of Church of the Monastery,  
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Church of Nuestra Señora del Carmen, Celaya, Mexico.

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## BUILDING INTELLIGENCE.

(Advanced Rumors Continued.)

**Savannah, Ga.**—Mr. Henry Urban has just completed plans for a new church, to be erected on Bull and Anderson Sts. The new edifice will cost \$27,000.  
**Schenectady, N. Y.**—This city will probably have a large armory shortly, as an appropriation has been given for that purpose.  
**St. Louis, Mo.**—Shepley, Rutan & Coolidge, Chemical Building, have prepared plans for a residence for John A. Holmes, to cost \$65,000. It is to be constructed of Bedford stone, on the north side of Portland Pl.  
**Deutsche Evangelische Emaus Gemeinde** will erect a new church, costing \$25,000, on Chouteau Ave. and Tower Grove Ave.  
**St. Paul, Minn.**—The Butler-Ryan Co., Globe Building, has secured the general contract to erect the capitol superstructure at \$696,000.  
**Tompkinsville, S. I., N. Y.**—The contract for the construction of the Grant St. school has been awarded to Henry Spruck at \$36,365.  
**Ukiah, Cal.**—An addition to cost \$60,000 is to be

## BUILDING INTELLIGENCE.

(Advanced Rumors Continued.)

erected on the grounds of the Mendocino Asylum for the Insane at Ukiah. It is stated that three San Francisco architects have been selected to prepare the plans and specifications.  
**Utica, N. Y.**—Architect J. C. Burne, 101 W. 42d St., is drawing plans for an apartment hotel which Messrs. Northrup and Lethbride intend erecting here. It will be six stories high, of iron frame, fireproof construction, with red brick and terra-cotta front, tin roof, have all modern conveniences and improvements. Will have steam-heat, and cost about \$500,000.  
**Waterloo, Ia.**—Murphy & Ralston are drawing plans for a three-story Y. M. C. A. building, 60' x 94', to cost \$15,000.  
**Waukegan, Ill.**—M. Carr, of Waukegan, is contemplating the erection of a five-story store and flat building, to cost \$30,000. A. O. Samson, of that city, is the builder. Work will be commenced in a few days.  
**West Union, Ia.**—A new county poor-house, to cost about \$15,000, is being considered.

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**New York, N. Y.**—Eighty-seventh St., cor. Central Park, West, seven-story bk. & st. flats, 100' x 100'; o., James Livingston, 8 W. 91st St.; a., Neville & Bagge.

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**One Hundred and Thirty-sixth St., nr. Willis Ave.**, five-story bk. & st. flat, 25' x 31' 6"; \$63,000; o., Rachel Juster, 68 Stanton St.; a., Harry T. Howell, 748 E. 138th St.

**St. Louis, Mo.**—Two-story flats, McPherson St., bet. Newstead & Taylor Sts.; \$8,500; o., F. A. Banister.

## CHURCHES.

**Detroit, Mich.**—Boulevard, bk. & st. church, 60' x 120'; slate roof, steam; \$15,000; o., St. Thomas P. E. Church, Rev. G. Torsey, Pastor; a., Malemon & Higginbotham.

**Lyndonville, Vt.**—1½-story fr. church, 50' x 75'; \$7,000; o., Universalist Church Society; a., Willis Damon, Haverhill, Mass.

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**Morgantown, W. Va.**—Spruce and Walnut Sts., two-story bk. & st. school, 154' x 90', slate roof, hot air; \$35,000; o., Board of Education; a., M. J. L. Peoples, Pittsburgh; not let.

## FACTORIES.

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**Worcester, Mass.**—Maple St., four-story bk. workshop, 33' x 49'; \$15,000; o., State Mutual Life Assurance Co.; a. b., Norcross Bros.

## HOUSES.

**Albany, N. Y.**—Main Ave., 9 two-story bk. dwells; \$30,000; o. & a., Albert W. Fuller; b., Girk & Sayles.  
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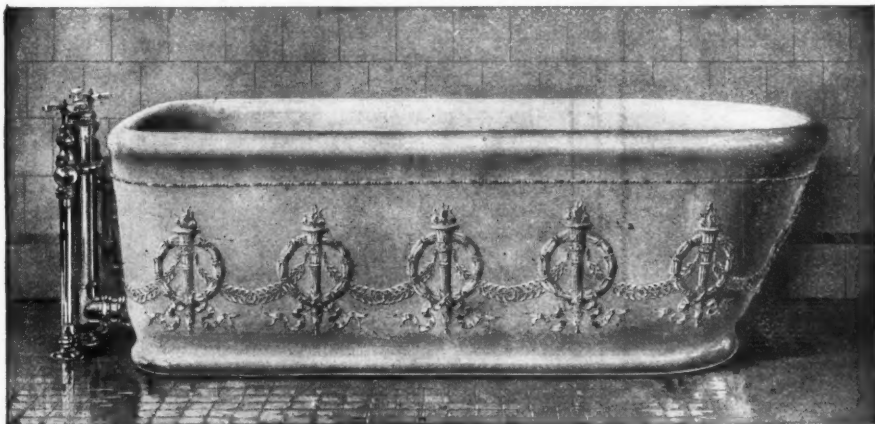
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| Do. | do. | do. | do. | 5 ft. 0 in. long. |
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three-st'y fr. dwell. & store, 68' x 16' x 50', flat roof, stoves; \$5,000; o. & b., F. L. Hodges, 85 Water St.  
Adams St., nr. Park St., Ward 24, 3 three-st'y fr. dwells. & stores, various dimensions, flat roof, stoves; \$12,000; o. & b., F. L. Hodges.

Bellevue St., cor. Quincy St., Ward 20, two-st'y fr. dwell., 30' x 47', pitch roof, furnace; \$5,000; o. & b., A. D. Gould.

Washington St., nr. Erie St., Ward 20, three-st'y fr. dwell. & store, 34' x 57', flat roof, furnace; \$5,000; o. & b., Wm. M. Brummett; a., John G. Lafeld, 12 Pearl St.; not let.

Bigelow St., nr. High St., Ward 25, two-st'y fr. dwell., 29' x 32' x 37', pitch roof, furnaces; \$5,000; o. & b., Albert E. French, 15 Court Sq.

Lonsdale St., nr. Adams St., Ward 24, 2 two-st'y fr. dwells., 27' x 46', pitch roofs, furnaces; \$9,000; o. & b., Havelock Rock well, Mattapan.

Jewett St., nr. Newport Ave., Ward 24, two-st'y fr. dwell., 28' x 38', pitch roof, furnace; \$4,500; o. & b., James McManus; b., Geo. e A. Cahill, Jamaica Plain.

Bunker Hill St., Nos. 308-312, 3 three-st'y fr. dwells., 21' x 12' x 43', flat roofs, stoves; \$14,000; o. & b., John McArthur, 3 Moulton St.

Rockland St., nr. Dale St., Ward 21, 2 three-st'y bk. dwells., 23' x 45', flat roofs, stoves; \$15,000; o. & b., B. J. Connelley; a., Wm. Holmes, 34 Worthington St.

Tremont St., cor. Carmell St., Ward 19, three-st'y bk. dwell. & store, 25' x 57', flat roof, hot water; \$7,000; o. & b., Ellen Spillane, 1521 Tremont St.; b., P. W. Moore.

Brighton Ave., Nos. 89-93, Ward 25, 3 four-st'y bk. dwells., 22' x 45', flat roofs, stoves; \$20,000; o. & b., John H. Mullen, 725 Shawmut Ave.

Brighton Ave., Nos. 95-101, 4 four-st'y bk. dwells., 23' x 19' x 64', flat roofs, stoves; \$30,000; o. & b., John H. Mullen, 725 Shawmut Ave.

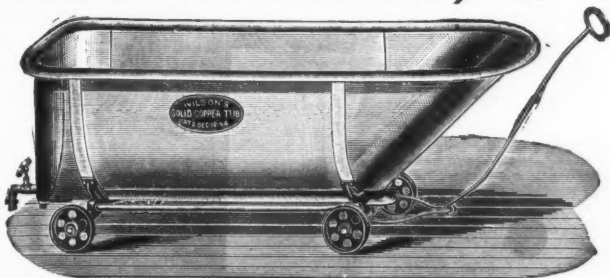
Bay State Road, nr. Granby St., Ward 11, 6 four-st'y bk. dwells., 23' x 53', flat roofs, furnaces; \$90,000; o. & b., George Wheatland, 54 Devonshire St.; a., Saml. D. Kelly.

Alston St., cor. Moultrie Ave., Ward 20, two-st'y fr. dwell., 28' x 56', pitch roof, furnace; \$5,000; o. & b., Jos. Greenard, 90 Centre St., Dorchester; b., A. B. Worthen, 35 Kenwood St.

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(Houses Continued.)

Maple Ave., nr. Weld St., Ward 23, 2 two-st'y fr. dwells., 20' x 32', pitch roofs, furnaces; \$8,000; o. & b., B. J. Connelley.

Weld St., nr. Maple Ave., Ward 23, 4 two-st'y fr. dwells., 30' x 44', pitch roofs, furnaces; \$20,000; o. & b., B. J. Connelley, 275 Dudley St.

Lexington St., No. 283, Ward 1, three-st'y fr. dwell., 21' x 46', flat roof, stoves; \$4,500; o. & b., L. A. Ginsburg, 8 Henry St., E. B.

Chelsea St., Nos. 316-318, 2 three-st'y fr. dwells., 21' x 46', flat roofs, stoves; \$9,000; o. & b., L. A. Ginsburg.

Stanton St., nr. Norfolk St., Ward 24, 2 two-st'y fr. dwells., 26' x 50', pitch roof, furnaces; \$9,000; o. & b., P. E. Cummings, Mattapan.

Brookline, Mass.—Aspinwall Ave., three-st'y fr. dwell., 42' x 53', flat roof, furnace; \$10,000; o. & b., Wm. Sundell; a., Alonzo D. Wright, Boston.

Harvard St., two-st'y fr. dwell., 29' x 41', shingle roof, furnace; \$6,000; o. & b., M. O'Day; b., W. A. Goodwin, 13 Goodwin Pl.

Cleveland, O.—Lake Ave., 2½-st'y fr. dwell.; \$10,000; o. & b., J. C. Weideman; a., Stiffen, Searies & Hirsch.

Holyoke, Mass.—Willow St., 2½-st'y fr. dwell., 30' x 50', shingle roof, steam-heat; \$5,000; o. & b., A. Ferguson; a., G. P. B. Alderman.

Hull, Mass.—Bayside St., 2½-st'y fr. dwell., 30' x 40'; \$5,000; o. & b., Frank Hyde; a., Lewis A. Dow, Melrose.

Malden, Mass.—Summer Ave., 2½-st'y fr. dwell., 27' x 36', shingle roof, furnace; \$5,000; o. & b., J. McLellan, 38 Almont St.; a., Tristram Griffin, Boston.

Milwaukee, Wis.—Prospect Ave. and Royall Pl., bk. dwell., 62' x 80', and barn, 45' x 61'; total cost, \$25,000; o. & b., L. J. Pettit; e., J. G. Jones; a., Ferry & Clas.

Philadelphia, Pa.—Spring Garden St., 20 three-st'y bk. dwells.; Thirty-third St., 3 three-st'y dwells.;

### BUILDING INTELLIGENCE.

(Houses Continued.)

Rockland St., 20 two-st'y dwells.; o. & b., Vickers & Falkenstein; o., Frederick Fox.

Providence, R. I.—Cranston St., 2½-st'y fr. dwell., 31' x 50', shingle roof, hot air; \$5,000; o. & b., W. Fred Brown; b., Hopkins & Sweet.

Brown St., 2½-st'y fr. dwell., 28' x 50', pitch roof, steam; \$5,000; o. & b., Nathaniel F. Davis, 21 George St.; b., Vere W. Beck; a., F. J. Sawtell.

East George St., 2½-st'y fr. dwell., 40' x 60', shingle roof, hot air; \$5,000; o. & b., Jeannette D. May, 129 E. George St.; b., W. W. May.

St. Louis, Mo.—Two two-st'y dwells., Cook Ave., bet. Walton & Marcus Sts.; \$5,000; o. & b., J. M. Quigley.

Three-st'y dwell., Berlin St., bet. Euclid St. & King's Highway; \$14,000; o. & b., Hugh McKittrick.

2½-st'y dwell., Westminster Pl., bet. King's Highway & Lake St.; \$5,000; o. & b., State Savings Fund & Building Co.

Five two-st'y dwells., Compton St., bet. Shenandoah & Sidney Sts.; \$20,000; o. & b., M. & R. P. Dunn.

Three-st'y dwell., Berlin St., bet. Euclid St. & King's Highway; \$10,000; o. & b., A. Q. Kennett.

Worcester, Mass.—Dewey St., three-st'y fr. dwell., 29' x 64'; \$5,600; o. & b., A. J. Cabana; a., A. J. Harrington; o. & b., E. Bregola.

### OFFICE-BUILDINGS.

Albany, N. Y.—Dore St., marble front office-building; o. & b., not stated; b., Girk & Sayles; a., Wm. L. Woollett.

Bk. & st. office-building; \$30,000; o. & b., Albany Insurance Co.; b., John Maas; a., Ernest Hoffman.

### MISCELLANEOUS.

New Bedford, Mass.—Taber St., 2½-st'y fr. building for an Orphan's Home, 47' x 93', shingle roof, hot water; o. & b., Orphan's Home Society; b., Zebina B. Davis; a., George H. Ingraham, Boston.

New York, N. Y.—Claremont Ave., 119th St. to 120th St., four-st'y & base, bk. & st. dormitory, 42' 6" x 54' x 161' 10"; \$150,000; o. & b., Bernard College, S. B.



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(Miscellaneous Continued.)

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St. Louis, Mo. — One-sty dairy-depot, s s Easton St., e Garrison St.; \$13,000; o. o. Bonne Terre Dairy Co.  
Two-sty fire-engine house, s e cor. Grand & Potomac Sts.; \$9,453 o. o. City of St. Louis.  
Two-sty dry-kiln, s s Trudeau St., bet. De Kalb & Kosciusko Sts.; \$5,390; o. o. Pioneer Cooperage Co.  
One-sty hall, 13th St., nr. Utah St.; \$15,000; o. o. Wm. J. Lamp Brewing Co.

## COMPETITIONS.

### SOLDIERS' AND SAILORS' MONUMENT.

(At Jersey City, N. J.)  
A Soldiers' and Sailors' Monument is to be erected in Jersey City under the auspices of the Veteran Associations of Hudson County, New Jersey.

The specifications for this monument have been prepared by a committee of the National Sculpture Society, who will make the final award.

No design will be considered which is not submitted by a sculptor or sculptor and architect combined as his or their professional work.

No personal interviews relative to the erection of this monument will be granted by any member of either committee.

Committee on Monument: JOHN RAMSEY, of Veteran Associations; L. J. GORDON.

Committee of Experts appointed by the National Sculpture Society: AUGUSTUS ST. GAUDENS, DANIEL C. FRENCH, GEORGE B. POST, J. Q. A. WARD.

All communications relative to the erection of this monument must be made in writing addressed to the undersigned, from whom copies of the specifications, setting forth conditions of competition, terms of payment, reception of and premiums for models, etc., may be procured on application. L. J. GORDON, Treasurer, 435 Jersey Avenue, Jersey City, N. J. 1136

## COMPETITION UNDER THE TARSNEY ACT.

The competitive designs and estimates for the Norfolk (Va.) Government Building, for the erection of which an appropriation of \$190,000 has been made, are to be submitted on October 12. Secretary Gage will shortly invite architects to submit plans also for the new Ellis Island immigrant station, which is to

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## COMPETITIONS.

cost \$500,000. Particulars relating to these competitions may be had at the office of the Acting Supervising Architect, Treasury Department, Washington, D. C. 1134

FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897. t.f.

## SEAL.

(At Washington, D. C.)  
The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1138

## PROPOSALS.

### MEMORIAL HALL.

(At Wabash, Ind.)  
Sealed bids will be received by Board of Commissioners, Wabash County, for the construction of Memorial Hall Building, until October 4, according to plans and specifications on file. BENJ. F. WILLIAMS, Auditor Wabash County.

### OPERA-HOUSE.

(At Sheldon, Ia.)  
W. W. Carr advertises for bids for the construction of a \$15,000 opera-house. 1134

### WOOD PIER, ETC.

(At New York, N. Y.)  
Estimates for preparing for and building Recreation Structure on the pier at the foot of E. 112th St., Harlem River, contract 604, and preparing for and building a new wooden pier, with appurtenances, at the foot of E. 112th St., Harlem River, contract 605,

## PROPOSALS.

will be received by the Department of Docks, at Pier "A," Battery Pl., N. R., until 11.30 o'clock A. M., September 17, 1897. For particulars see "City Record." 1133

### HOSPITAL.

(At Cleveland, O.)  
Bids are wanted September 18, for constructing the children's hospital at the City Infirmary on Scranton Ave. WM. J. AKERS, Director of Charities and Correction. 1133

### ASYLUM.

(At Winfield, Kan.)  
Bids are wanted September 15, for erection of a building for the accommodation of idiotic and imbecile children. W. L. BROWN, President Board of Trustees State Charitable Institutions, Topeka, Kan. 1133

Treasury Department, Office Supervising Architect, Washington, D. C., August 31, 1897. Sealed proposals will be received at this office until 2 o'clock P. M., on the 23d day of September, 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 Lynn, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Lynn, 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. All proposals received after the time stated for opening will be returned to the bidders. C. E. KEMPER, Acting Supervising Architect. 1133





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LETTER FROM CANADA.  
NATIONAL ELECTRICAL CODE, - IV.  
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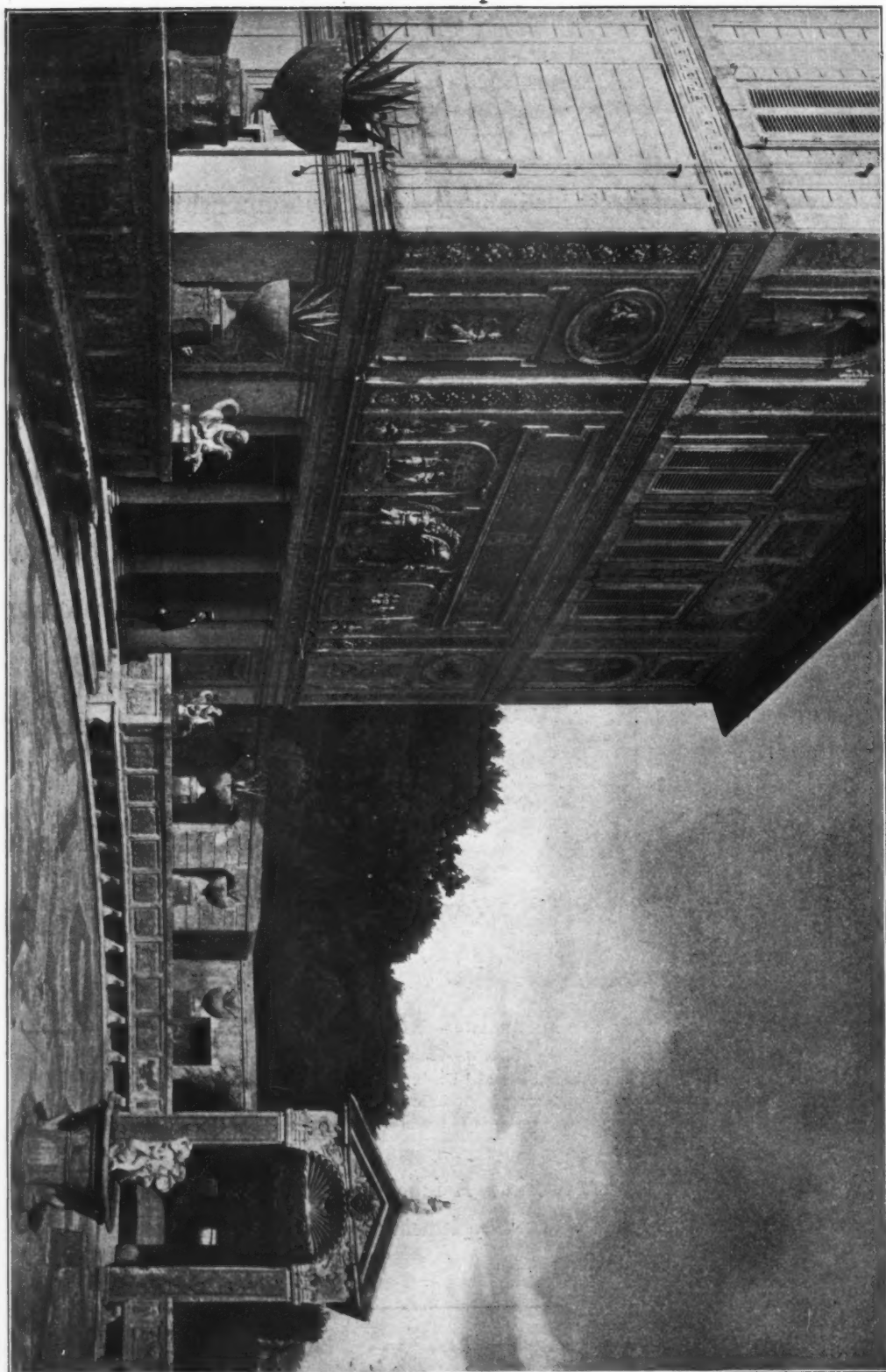
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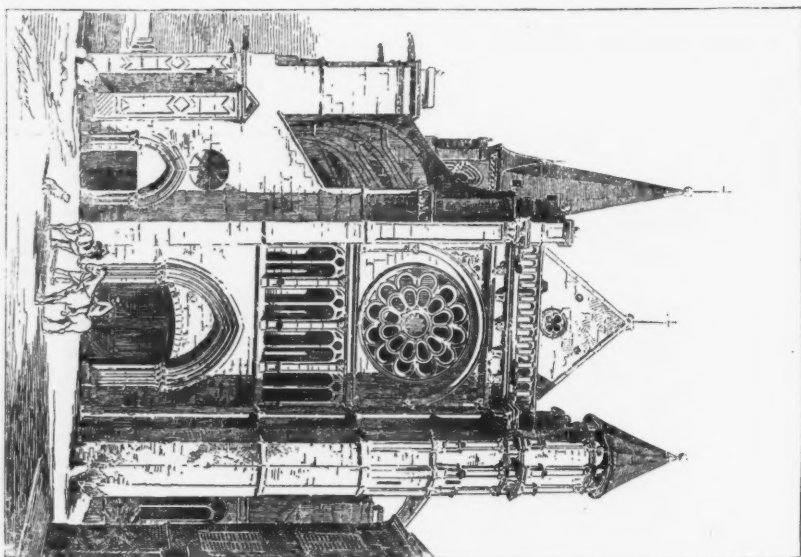
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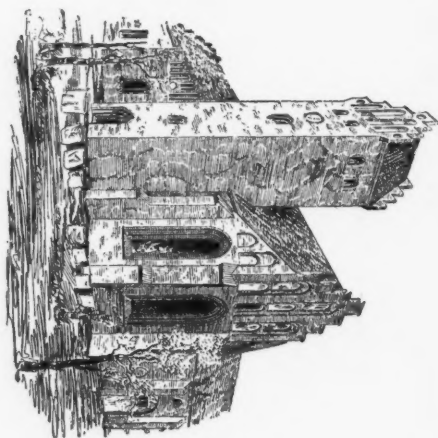
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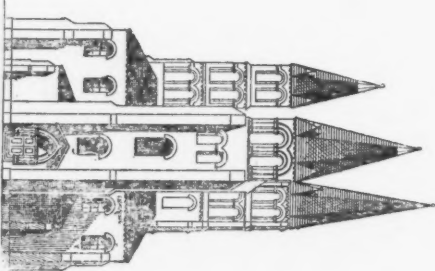
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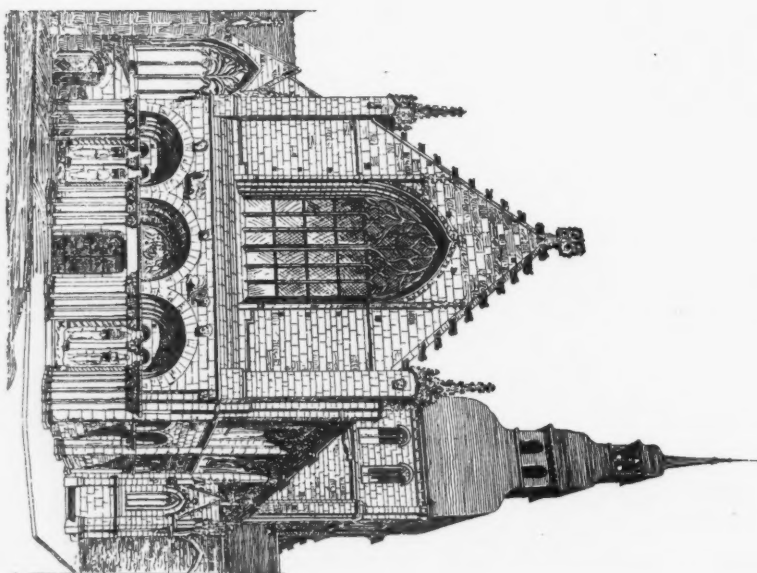
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211 TREMONT STREET, BOSTON.

"The initial (January) number strikes a high note in its illustrations." — The Nation.

"The new French monthly, *Art et Décoration*, is the best thing of its kind which has yet been issued." — The Collector.

"The first number is an accomplishment and a promise that are also impressive." — Brooklyn Eagle.

"Destined to form one of the most attractive collections which even French artistic taste and enthusiasm have produced."

— London Times.

"Makes a good beginning." — The Critic.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

has made plans for a large brick storehouse to be erected by E. S. Bartlett between Allyn and Asylum Sts., in the rear of Dwight Skinner's building. It will be 31' x 63', five stories high, of brick, heavy mill construction.

Iol, Ia. — It is proposed to erect a school-house in this city, to cost \$10,000.

Keokuk, Ia. — It is reported the Board will advertise for plans for a new high school.

Lincoln, Neb. — It has been decided to have a new set of plans drawn for the proposed new buildings of the University of Nebraska. A call for the bids will shortly be readvertised. J. S. Dales, Secretary of the University.

Madison, Wis. — The Y. M. C. A. contemplates erecting a building.

Milwaukee, Wis. — The Board of Public Works invites the submission of sketches until 10.30 A. M., October 2, for a 14-room school-building, the cost complete not to exceed \$55,000.

Newark, N. J. — The plans for the new theatre and concert-hall with roof-garden to be erected at the corner of Washington and Market Sts. are being revised by Architect W. J. Havell, 760 Broad St. A syndicate represented by A. Kalish, Market St., are the owners. Estimated cost, \$200,000.

New Haven, Conn. — Plans have been prepared by Architect Geo. C. A. Brown for a new hotel which Frank McGinn will build in West Haven. The plans call for building three stories, 50' x 63', containing 50 rooms. The building will be entirely of wood. Cost, \$12,000.

New London, Wis. — T. Knapstein & Co. will erect a 30' x 40' brewery, four-st'y and basement, at a cost of \$25,000. W. Toepfer & Sons, of Milwaukee, architects.

New Orleans, La. — Mrs. Richard Milliken, widow of the wealthy sugar-planter, has presented the Charity Hospital with \$75,000, to found a children's building, which will include a kindergarten and other improvements.

New York, N. Y. — The Commissioner of Public Works has presented plans for a public bath to be erected in the city at a cost of \$80,000. The contract for erecting the new school-building

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

on Amsterdam Ave. and 89th St. is stated to have been awarded to P. J. Brennan at \$233,000.

Ludlow & Valentine, 100 Broadway, are preparing plans for a gardener's cottage at Sea Bright, N. J., for R. L. Maitland, also, a stone and frame dwell., at East Orange, N. J. for Chas. R. Leo.

Needham, Mass. — The whole of the bids received for the construction of the new high school building are in excess of the amount appropriated by the town, and which the Building Committee was instructed not to exceed. The plans will be modified and new proposals called for at once.

Niagara Falls, N. Y. — At a meeting held September 7, \$24,000 school bonds were ordered to provide for the erection of a school in the 4th Ward.

North Brookfield, Mass. — The French Roman Catholic Society here are to build a \$10,000 church. Plans are to be made at once. The site will probably be on S. Common St. Adam Beaudry is Chairman of the Committee.

Omro, Wis. — An effort is being made to secure the location of the Webster Manual Training School. There is a fund of \$50,000 for the school now available. It is proposed to maintain it in connection with the high school.

Passaic, N. J. — The congregation of the Monroe St. Holland Reformed Church have plans for a new edifice to be erected on Hamilton Ave. and Quincy St., to cost about \$14,000.

Perth Amboy, N. J. — Two new school-houses to cost \$12,000 and \$20,000, respectively, are to be built this season.

Philadelphia, Pa. — Messrs. Wright & Prentzel, of 2043 Westmoreland St., will shortly build 20 houses. They will be of brick, about 16' x 50', and will have all modern conveniences. The cost of all will be about \$60,000. Separate contracts will be let.

Operative Builder Alexander Cowan is taking estimates on 125 dwells, that are to be erected in the vicinity of 29th and Reed Sts. They will be three stories high, 18' x 50' x 60', and will be constructed of Pompeian brick with stone trimmings. Plans have been made for a children's play-house by James H. Windrim providing for a two-st'y and basement building, 70' x 52', of brick, trimmed with stone, to be erected at Fairmount Park. Probable

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

cost \$50,000 has been provided for in the bequests of the late Richard Smith.

A memorial gateway to cost \$500,000 is to be built from funds left by Mr. Smith for that purpose. James H. Windrim, Architect.

Principal Henry H. Brown, of the De Lancey School, of No. 1701 De Lancey Pl., has purchased the properties, Nos. 1420, 1422 and 1424 Pine St., which he will have torn down and on sites of which he proposes to erect a handsome six-st'y fireproof school-building.

Contractor Allen B. Rorke is now letting the sub-contracts for the new Mint foundations at Sixteenth and Spring Garden Sts. It is expected that the work will be started in a few days.

Contractor Charles McCaul is now completing the details of the three new Bell Telephone Buildings, the erection of which he will begin in about a week.

Pittsburgh, Pa. — The contract for the erection of a new freight-station for the Pittsburgh & Lake Erie Railroad has been awarded to the Schultz Bridge & Iron Co. It will have a frontage of 200' and will be 407' deep. The building will be of steel and iron and will be fireproof. Cost, \$250,000. Plans have been drawn up for a new passenger-station and it is thought probable that contracts will be let inside of a few months.

A new market-house is to be built in this city by Black & Gloninger, Real Estate Agents. The building is to be located in the E. Liberty District, and will cost, with the grounds, \$200,000. It is to be completed by March 1, 1898.

Plans are stated to have been prepared by Architects Alden & Harlow for a six-st'y office-building to be erected on 6th Ave. and Smithfield St., to cost about \$50,000.

Portland, Ind. — A new church, costing \$25,000, will be erected in this city by the Presbyterians. P. F. Jeckel, architect, Anderson, Ind.

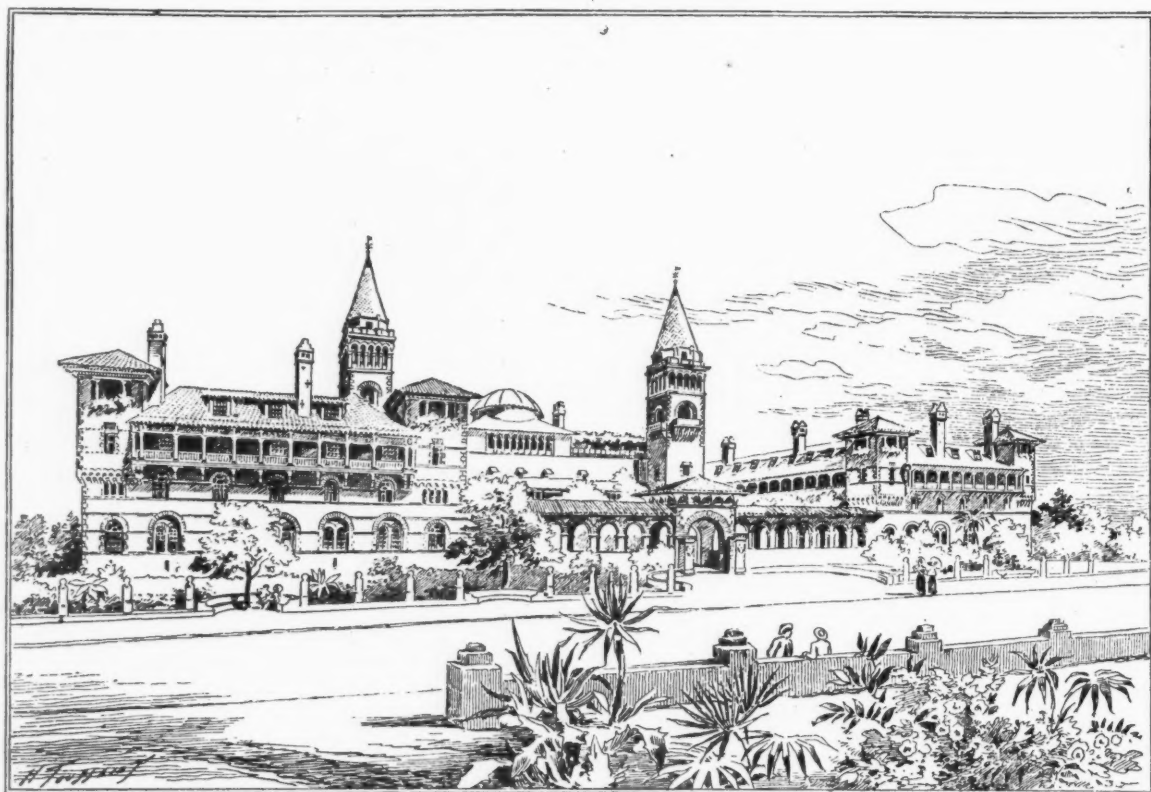
Portland, Me. — The sum of \$100,000 has been pledged for the erection of buildings for the Maine Medical School if it can be established at Portland. The school is now located with Bowdoin College at Brunswick.

(Continued on page xv.)





Charing Cross Hotel, London, Eng.



Ponce de Leon Hotel, St. Augustine, Fla. Carrère and Hastings, Architects.



Eastgate St. and Grosvenor Hotel, Chester, Eng.

# HOTELS.

# THE J. L. MOTT IRON WORKS,

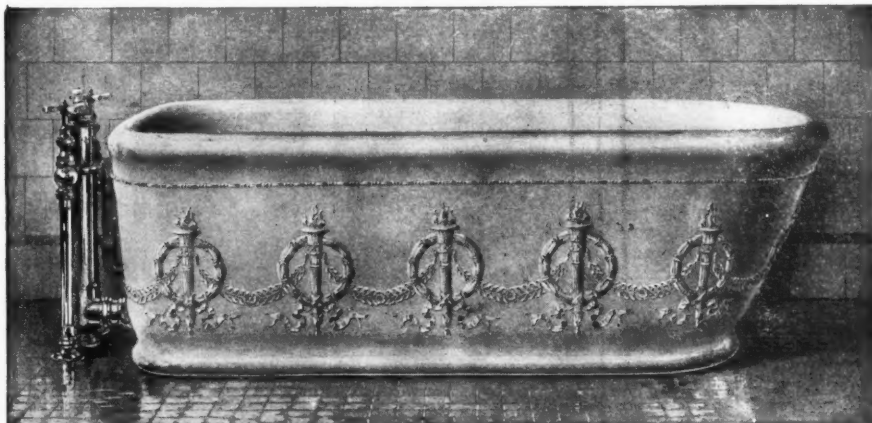
84-90 BEEKMAN STREET, NEW YORK.

311 & 313 WABASH AVENUE, CHICAGO.

332 & 334 BOYLSTON STREET, BOSTON.

WAINWRIGHT BUILDING, ST. LOUIS. — FLOOD BUILDING, SAN FRANCISCO.

## IMPERIAL PORCELAIN ROLL-RIM BATHS: THE "GRANADA."



COPYRIGHT, 1896, BY THE J. L. MOTT IRON WORKS. PLATE 1395-G. REDUCED PLATE.

Imperial Porcelain Roll-Rim Bath, the "Granada," 4 ft. 6 in. long, Embossed Decoration, "Empire," with all Nickel-plated Supply Fittings, Unique Waste, Cauldon China Handles and Pipes to floor.

|     |     |     |     |                   |
|-----|-----|-----|-----|-------------------|
| Do. | do. | do. | do. | 5 ft. 0 in. long. |
| Do. | do. | do. | do. | 5 ft. 6 in. long. |

The Embossed Decoration is thoroughly artistic in design and execution. The Baths can be decorated in any of the prevailing styles—Renaissance, Empire, Rococo, etc., to harmonize with the room.

CIRCULARS MAY BE HAD ON APPLICATION.

### BUILDING INTELLIGENCE.

(Houses Continued.)

fr. dwells., 20' x 48', pitch roof, furnace; \$45,000; o. b. R. W. McDowell, 6 Armandine St., Dorchester.  
Saxton St., nr. Savin Hill Ave., Ward 20, two-st'y fr. dwell., 28' x 48', pitch roof, furnace; \$4,500; o. R. May; b. Edwin Tobin, 439 Dudley St.  
Calumet St., nr. Huntington Ave., Ward 19, 2 two-st'y fr. dwells., 24' x 44', pitch roof, furnaces; \$10,000; o. T. O'Leary; a. T. J. Desmond, 1129 Columbus Ave.; not let.  
Parker Hill Ave., nr. Fisher St., Ward 19, two-st'y fr. dwell., 25' x 32', furnace; \$5,000; o. Timothy Ferris; a. T. J. Desmond, 1129 Columbus Ave.; not let.

Brookline, Mass. — Naples Road and Gibbs St., 2½-st'y fr. dwell., 35' x 37', pitch roof, furnace; \$7,500; o. & b. D. H. McKay, Harvard St.; a. Saml. J. Brown, Boston.

Cambridge, Mass. — Massachusetts Ave., No. 1696, two-st'y fr. dwell., 29' x 67', shingle roof, steam; \$8,000; o. H. E. Mason, 55 Commercial St., Boston; b. E. M. Hutchins; a. Gay & Proctor, Boston.

Frost St., No. 6, two-st'y fr. dwell., 34' x 73, shingle roof, hot water; \$12,000; o. Miss L. E. Page, Menac-ham St.; b. W. Fillmore & Co., 25 Cherry St.; a. C. Herbert McClure.

Chicago, Ill. — Douglas Boulevard, two-st'y attic & base, bk. & st. dwell., 40' x 60; \$15,000; o. Mrs. Scherer; a. A. Lonek, 288 W. 12th St.

Grand Ave., No. 3519, three-st'y bk. & st. dwell.; \$12,000; o. Mrs. M. Salinger; a. R. T. Newberry.

Vincennes Ave., No. 4340, three-st'y bk. & st. dwell., 25' x 76'; \$12,000; o. J. P. Bowles; a. A. W. Buckley.

West Harrison St., Nos. 1213-21, 5 three-st'y bk. & st. dwells., 20' x 47'; \$22,000; o. Wm. Mason; a. Wm. T. Langtry, 3654 West 62d.

Detroit, Mich. — A. C. Varney & Co., 4 veneered fr. dwells., 639-45 W. Warren Ave.; \$7,000; also bk. dwell., 1216 Cass Ave.; \$7,000.

J. R. & R. J. McLaughlin, 2 fr. dwells., 75-79 Josephine Ave.; \$8,000; also 2 fr. dwells., 29 & 65 Melbourne Ave.; \$8,000.

John Finn, bk. dwell., 36 Bethune Ave.; \$7,000.

Minneapolis, Minn. — Clifton Ave., No. 236, 2½-st'y bk. & st. dwell.; \$25,000; o. Chas. R. Lamb; b. George Cooke, 305 Boston Block; a. H. V. Marshall.

Twenty-second St. and Bryant Ave., two-st'y st. & fr. dwell., 40' x 60'; \$6,500; o. Albert E. Clark; a. Orff & Guilbert, 616 Lumber Exchange.

Mt. Vernon, N. Y. — 2½-st'y fr. dwell.; \$7,000; o. R. B. Archer; a. Frank W. Wright.

Philadelphia, Pa. — Permits have been granted to Streton & Shafer to build 21 dwells. on the north side of Wolf St., west of 2d. They will be two stories high, each 15' 2" x 46', and will have fronts of brownst. & bk. Jas. E. Clark is the owner.

James Lilly to put up 15 two-st'y light Pompeian brick front dwells., 15' x 43', on the north side of Pearl St., west of 55th St.

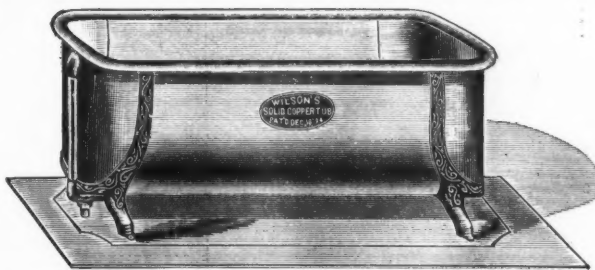
James H. Boone to erect 6 two-st'y Holmesburg granite-front dwells., 15' x 46', on the north side of Eastborn St., east of Ridge Ave.

James McIntyre to erect 29 stores & dwells. in the 26th Ward, on 17th, McKean & Lingo Sts. and Snyder Ave. and vicinity.

## R. M. WILSON...ROME, N. Y.

The originator and only manufacturer of the Double Seamed Solid Copper Bath Tub. Also manufacturer of Copper Range Boilers, Closet Seats and Tanks and Plumbers' Brass Work.

Write for my 1896 Catalogue...



### BUILDING INTELLIGENCE.

(Houses Continued.)

All of these structures will have Hummelstown stone and brick fronts.

Somerville, Mass. — Medford St., No. 491, two-st'y fr. dwell., 23' x 28', shingle roof, furnace; \$5,000; o. J. E. Fuller, 79 Jenny Lind Ave.; b. John Benner.

St. Louis, Mo. — Six two-st'y dwells., s s Morgan St., bet. Newstead & Taylor Sts.; \$21,000; o. F. E. Rhoades.

Two-st'y dwell., o s King's Highway, bet. Kensington & Morgan Sts.; \$7,500; o. W. R. & Dr. F. G. Nitting.

Troy, N. H. — 2½-st'y fr. dwell., 30' x 50', shingle roof, hot water; \$7,000; o. Franklin Ripley; a. Barker & Nourse, Worcester, Mass.; not let.

### MERCANTILE BUILDINGS.

Columbus, O. — Fourth and Main Sts., six-st'y bk. building for stores and light manufacturing; \$60,000; o. S. B. Hartman; b. Brush & Bauch; a. Kremer & Hart.

### PUBLIC-BUILDINGS.

Forest City, Ark. — Two-st'y bk. & st. court-house, tin roof, hot air heat; \$25,000; o. County; gen. o. G. W. Clark, Little Rock; a. Charles L. Thompson, Little Rock.

### STABLES.

Boston, Mass. — West First St., No. 228, Ward 13, fr. stables, 22' x 62'; \$1,500; o. J. P. Monks Estate, 35 Congress St.; b. N. Goodwin, Jr.

Wren St., nr. Robin St., Ward 23, fr. stable, 22' x 15'; \$400; o. Ruth E. Salmons, on premises; not let.

Everett, Mass. — Derne St., rear, No. 16, fr. stable, 16' x 16'; \$200; o. & b. M. B. Hall, 648 Broadway.

St. Louis, Mo. — Chestnut St., No. 2719, two-st'y bk. stable, 22' x 33', slate roof; \$3,000; o. Jas. Heyde; a. J. Kohn, 110 N. 8th St.

Washington, D. C. — C St., No. 312 (rear), two-st'y

### BUILDING INTELLIGENCE.

(Stables Continued.)

bk. stable & carriage-house; \$2,500; o. H. Powder-maker; b. S. J. Prescott.

### TENEMENT-HOUSES.

Easthampton, Mass. — Main St., two-st'y bk. & fr. flats, 60' x 96', comp. roof, hot air; \$7,000; o. Thos. Lynn; a. Curtius D. Page, Northampton; day-work.

New York, N. Y. — Mangin St., cor. Broome St., six-st'y bk. & st. tenement, 25' x 70'; \$25,000; o. Weil & Mayer, 35 Nassau St.; a. Schneider & Herter, Bible House.

### THEATRES AND HALLS.

Knightsdown, Ind. — Three-st'y bk. & st. building, 64' x 130', for an Odd Fellows Temple, flat roof, steam-heat; \$20,000; o. Lodge No. 90; a. John Hasecoster, Richmond, Ind.

Nebraska City, Neb. — Two-st'y bk. & st. theatre, comp. roof, hot air heat; \$20,000; o. J. Sterling Morton; a. Sidney Lovell, 355 Dearborn St., Chicago, Ill.

### WAREHOUSES.

New York, N. Y. — West Broadway, No. 533, bet. Beekman & 3d Sts., bk. lofts; \$90,000; o. John Walker; a. H. B. Von Benschotin.

Front St., Nos. 182-184, cor. Burling Slip, bk. warehouse & offices; \$70,000; o. Wm. J. Matheson & Co.; a. Geo. P. Chappell.

Centre St., Nos. 211-215 and Elm St., Nos. 137-141, bk. warehouse; \$80,000; o. S. V. R. Cruger & others; a. Brazier & Simonson; b. Geo. Vassar & Son.

West Broadway, No. 283, bk. warehouse; \$28,000; o. Estate of John Boyd; a. Thom & Wilson.

Tremont Ave., w Vanderbilt Ave., four-st'y bk. store & lofts, 25' x 99'; \$16,000; o. B. Lynch; a. W. C. Dickerson, 149th St. & 3d Ave.

### MISCELLANEOUS.

Dover, N. H. — Central St., two-st'y bk. home, 40' x 70', slate roof, hot air; \$12,000; o. Trustees Home for Aged Couples; b. Sugden Bros., Portsmouth; a. A. T. Ramsdell.

## OWNERS OF BUILDING-STONE QUARRIES.

[Material furnished f. o. b., rough or dressed.]

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CLARK BLUESTONE CO., F. G.,  
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DELANEY BROS.,  
205 High St., Holyoke, Mass.  
JOHNSON, WM. H.,  
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KASOTA QUARRY CO.,  
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MIDDLESEX QUARRY CO.,  
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MITCHELL, WILLIAM,  
17 Girard Ave., Springfield, Mass.  
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Cornwall, Conn.  
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## BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

Locust St., three-st'y bk. home, 45' x 51', with ell,  
20' x 26', shingle roof, hot air; \$12,000; o., Trustees  
Children's Home, W. S. Bradley, Chairman; b.,  
Edwin Frost; a., A. T. Ramsdell.

## COMPETITIONS.

## SEAL.

[At Washington, D. C.]  
The American Forestry Association invites competi-  
tive designs for a Corporate Seal. For information,  
apply to GEORGE P. WHITTLESEY, Secretary A.  
F. A., Atlantic Building, Washington, D. C. 1138

## SOLDIERS' AND SAILORS' MONUMENT.

[At Jersey City, N. J.]  
A Soldiers' and Sailors' Monument is to be erected  
in Jersey City under the auspices of the Veteran Asso-  
ciations of Hudson County, New Jersey.

The specifications for this monument have been  
prepared by a committee of the National Sculpture  
Society, who will make the final award.

No design will be considered which is not submitted  
by a sculptor or sculptor and architect combined as  
his or their professional work.

No personal interviews relative to the erection of  
this monument will be granted by any member of  
either committee.

Committee on Monument } JOHN RAMSEY,  
of Veteran Associations, } L. J. GORDON.  
Committee of Experts ap- } AUGUSTUS ST. GAUDENS,  
pointed by the National } DANIEL C. FRENCH,  
Sculpture Society. } GEORGE B. POST,  
J. Q. A. WARD.

All communications relative to the erection of this  
monument must be made in writing, addressed to the  
undersigned, from whom copies of the specifications,  
setting forth conditions of competition, terms of pay-  
ment, reception of and premiums for models, etc.,  
may be procured on application. L. J. GORDON,  
Treasurer, 485 Jersey Avenue, Jersey City, N. J. 1138

## COMPETITION UNDER THE TARNSEY ACT.

The competitive designs and estimates for the Nor-  
folk (Va.) Government Building, for the erection of  
which an appropriation of \$190,000 has been made,  
are to be submitted on October 12. Secretary Gage

## The "TAYLOR OLD STYLE" Brand,

WARRANTED ROOFING TIN.

The  
"White House"  
Washington, D. C.

Accepted by the U. S. Gov. over all competitions for  
the Roof of the "White House," Washington, D. C.  
The trade will recall that another brand was used for  
this roof a few years ago.

Agents for  
"THE PANCOAST VENTILATOR."  
It Ventilates!

**N. & C. TAYLOR CO.,**  
Manufacturers,  
**PHILADELPHIA.**

## COMPETITIONS.

will shortly invite architects to submit plans also for  
the new Ellis Island immigrant station, which is to  
cost \$500,000. Particulars relating to these competi-  
tions may be had at the office of the Acting Supervising  
Architect, Treasury Department, Washington,  
D. C. 1134

FOR Programmes of Competitions of Society of  
Beaux-Arts Architects for 1897, see *American*  
*Architect* for April 24, 1897. t.f.

## PROPOSALS.

## STEAM-BOILERS, ETC.

[At Kings Park, N. Y.]  
Sealed proposals for furnishing the materials and  
labor for furnishing and installing six boilers with  
connections and piping, and for the electric wiring  
and fixtures, for a detached group of cottages, at the  
Long Island State Hospital, at Kings Park, N. Y.,  
may be sent by mail or delivered in person up to 3  
P. M., September 20, 1897, to Hon. Truman J.  
Backus, President of the Board of Managers, Long  
Island State Hospital, Arbuckle Building, Brooklyn,  
N. Y., where the Board of Managers will open all  
proposals.

Drawings and specifications may be seen and forms  
of proposals obtained at the office of I. G. Perry, Ar-  
chitect, in the Capitol at Albany, N. Y., and at the  
office of the Board of Managers, Arbuckle Building,  
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of the State. TRUMAN J. BACKUS, President of  
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Treasury Department, Office Supervising Architect,  
Washington, D. C., September 7, 1897. Sealed pro-  
posals will be received at this office until 2 o'clock  
P. M. on the 5th day of October, 1897 (to be then im-  
mediately opened), for all the labor and material  
required to complete the approaches to the United  
States Post-office, Court-house and Custom-house at  
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## PROPOSALS.

specification, copies of which may be had at this office  
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Minn. With each bid must be enclosed a certified  
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bid, should it be deemed in the interest of the Gov-  
ernment to do so. All proposals received after the  
time stated for opening will be returned to the bidders.  
JAMES P. LOW, Acting Supervising Architect. 1135

Treasury Department, Office Supervising Architect,  
Washington, D. C., September 4, 1897. Sealed pro-  
posals will be received at this office until 2 o'clock  
P. M. on the 29th day of September, 1897, and opened  
immediately thereafter, for all the labor and ma-  
terials required for the erection and completion  
(except heating apparatus, vault doors and tower  
clock) of the United States Post-office, etc., building  
at Paterson, N. J., in accordance with the drawings  
and specification, copies of which may be had at this  
office or the office of the Superintendent at Paterson,  
N. J. Each bid must be accompanied by a certified  
check for a sum not less than 2% of the amount of the  
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bids, and to waive any defect or informality in any  
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ernment to do so. All proposals received after the  
time stated for opening will be returned to the bidders.  
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[At Wabash, Ind.]  
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sioners, Wabash County, for the construction of  
Memorial Hall Building, until October 4, accord-  
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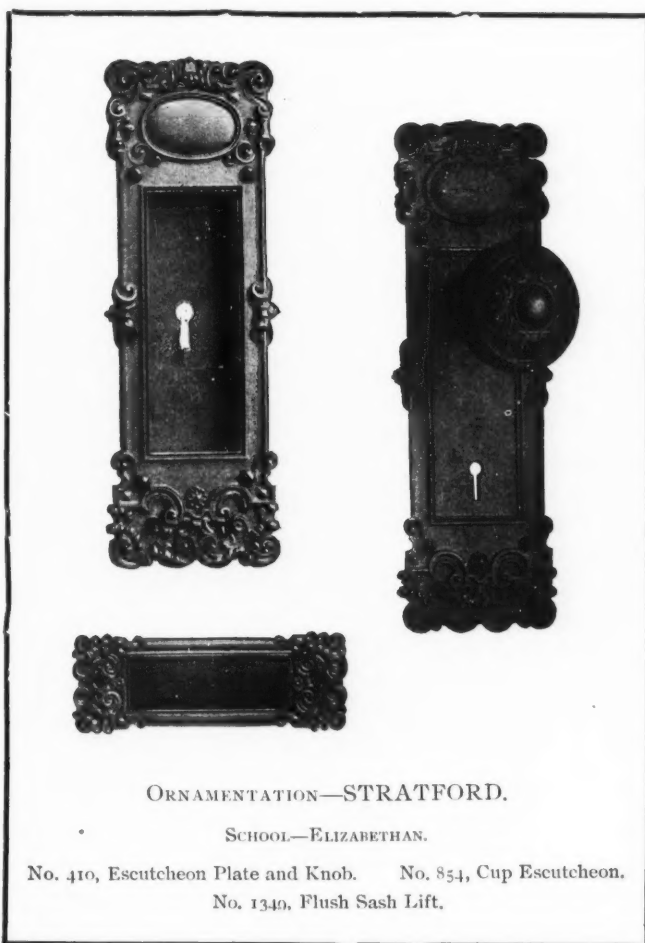
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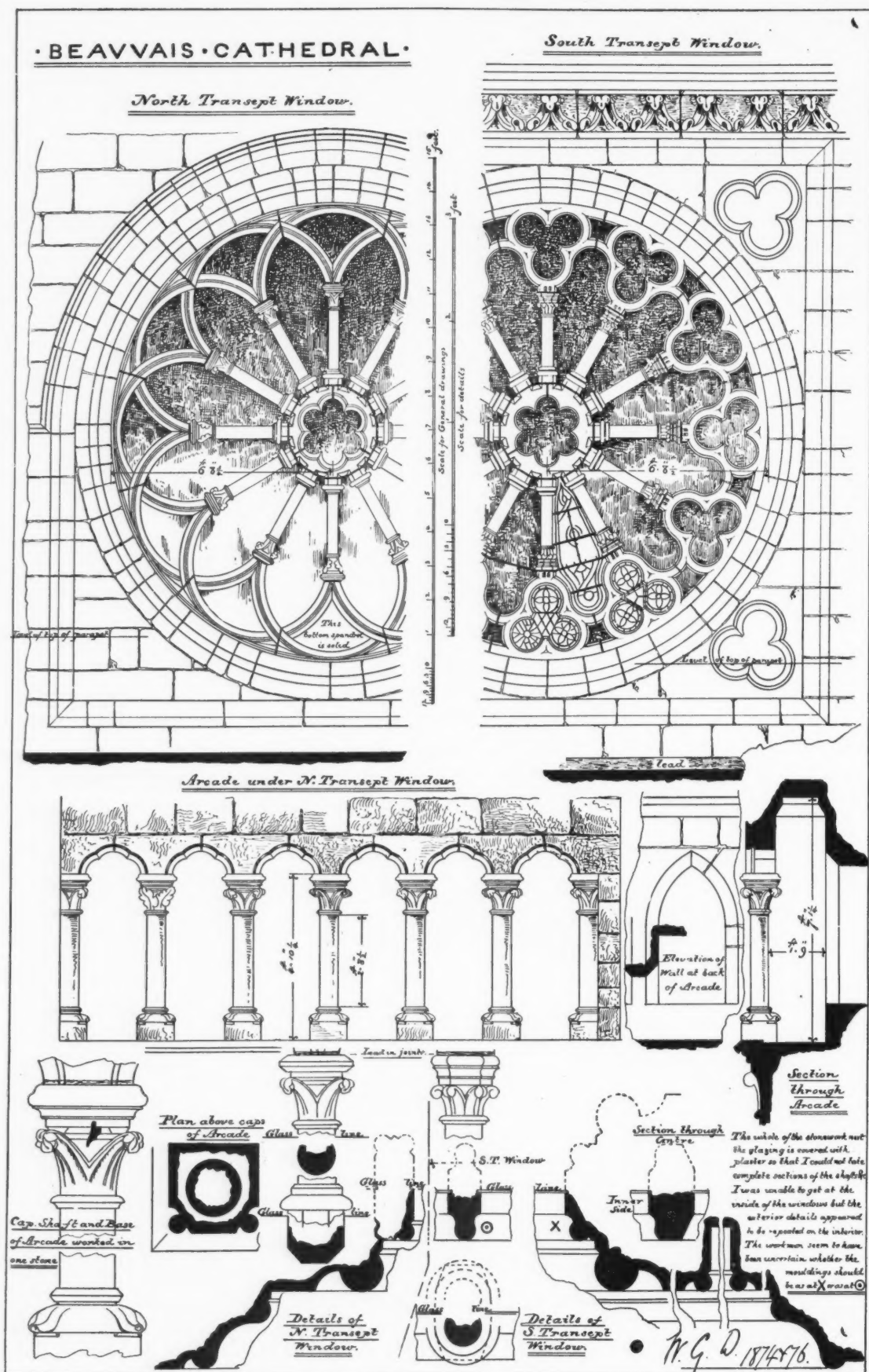
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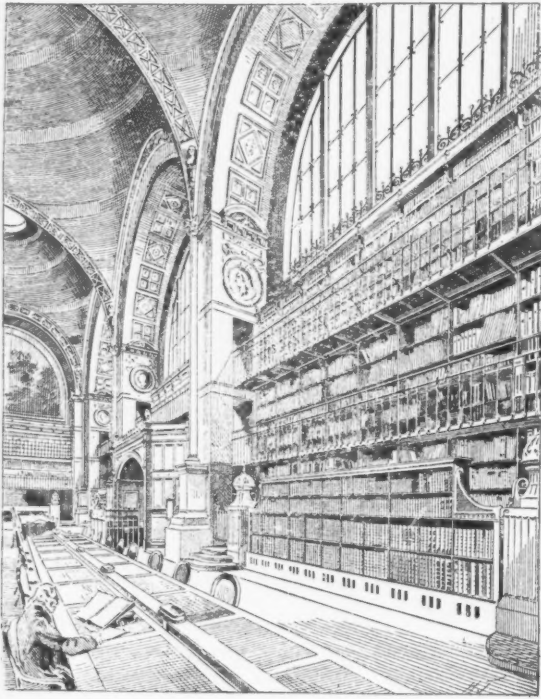
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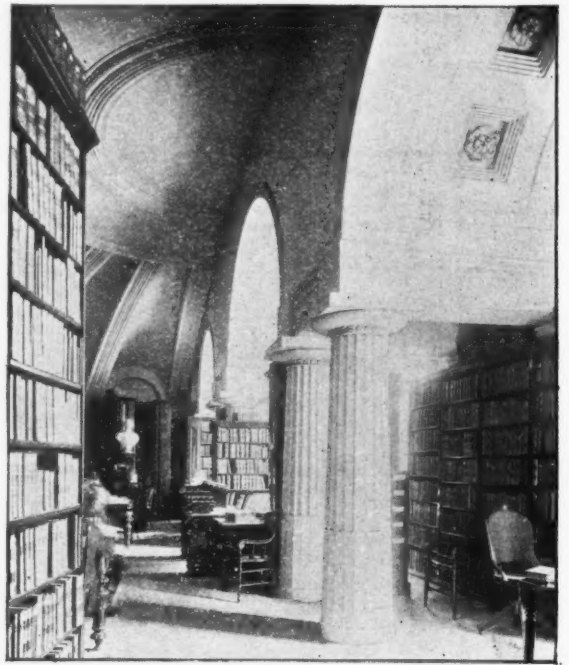
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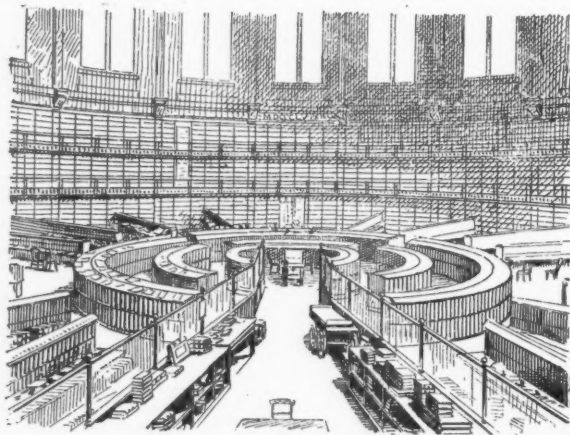




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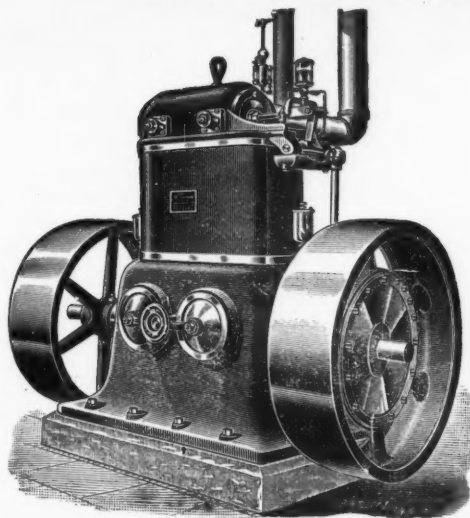
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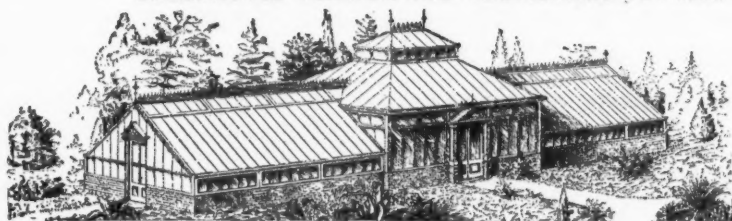
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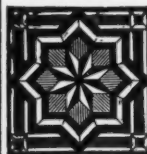
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## New Advertisements.

AMERICAN BOILER CO. (Chicago, Ill.), Hot-water Heaters. Page ix.

See last or next issue for the following advertisements:—

Anchor Electric Co.  
Belmont Iron Works.  
Chrome Steel Works.  
Gorton & Lidgerwood.  
L. Haberstroh & Son.  
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589,836. WOOD COLUMN.—Ernst Koll, Milwaukee, Wis.  
589,840. SASH-HOLDER.—Peter McBride, Brooklyn, N. Y.  
589,854. SPRING-HINGE.—Willard A. Place, Kansas City, Kan.

(Continued on page xii.)

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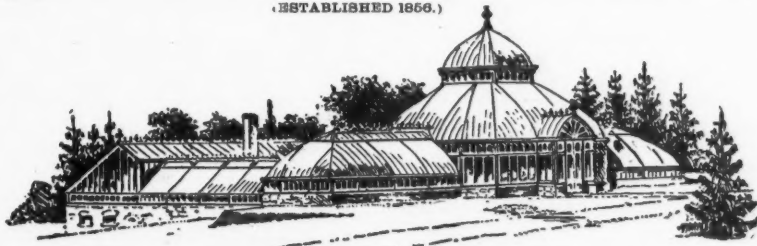
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## METRIC CONVERSION TABLE.

The following metric conversion table has been compiled by Mr. O. W. Hunt, M. Am. Soc. M. E., President of the O. W. Hunt Company, of New York City, and is most convenient in dealing with metric weights and measures:

|                                     |                               |
|-------------------------------------|-------------------------------|
| Millimetres × .03937                | = Inches.                     |
| Millimetres ÷ 25.4                  | = Inches.                     |
| Centimetres × .3937                 | = Inches.                     |
| Centimetres ÷ 2.54                  | = Inches.                     |
| Metres × 39.37                      | = Ins. (Act of Congress.)     |
| Metres × 3.281                      | = Feet.                       |
| Metres × 1.094                      | = Yards.                      |
| Kilometres × .621                   | = Miles.                      |
| Kilometres ÷ 1.6093                 | = Miles.                      |
| Kilometres × 3280.7                 | = Feet.                       |
| Square millimetres × .0155          | = Square inches.              |
| Square millimetres ÷ 645.1          | = Square inches.              |
| Square centimetres × .155           | = Square inches.              |
| Square centimetres ÷ 6.451          | = Square inches.              |
| Square metres × 10.764              | = Square feet.                |
| Square kilometres × 247.1           | = Acres.                      |
| Hectares × 2.471                    | = Acres.                      |
| Cubic centimetres ÷ 16.383          | = Cubic inches.               |
| Cubic centimetres ÷ 3.69            | = Fluid drachms. (U. S. P.)   |
| Cubic centimetres ÷ 29.57           | = Fluid ounce. (U. S. P.)     |
| Cubic metres × 35.315               | = Cubic feet.                 |
| Cubic metres × 1.368                | = Cubic yards.                |
| Cubic metres × 264.2                | = Gallons (231 cu. ins.)      |
| Liters × 61.022                     | = Cu. ins. (Act Congress.)    |
| Liters × 33.84                      | = Fluid ounces. (U. S. P.)    |
| Liters × .2642                      | = Gallons (231 cu. ins.)      |
| Liters ÷ 3.78                       | = Gallons (231 cu. ins.)      |
| Liters ÷ 28.316                     | = Cubic feet.                 |
| Hectoliters × 3.531                 | = Cubic feet.                 |
| Hectoliters × 2.84                  | = Bushels (2,150.42 cu. ins.) |
| Hectoliters × .131                  | = Cubic yards.                |
| Hectoliters ÷ 26.42                 | = Gallons (231 cu. ins.)      |
| Grammes × 15.432                    | = Grains. (Act Congress.)     |
| Grammes × 981                       | = Dynes.                      |
| Grammes (water) ÷ 29.57             | = Fluid ounces.               |
| Grammes ÷ 28.35                     | = Ounces Avoirdupois.         |
| Grammes per cu. cent. ÷ 27.7        | = Pounds per cu. in.          |
| Joule × .7373                       | = Foot-pounds.                |
| Kilograms × 2.2046                  | = Pounds.                     |
| Kilograms × 35.3                    | = Ounces Avoirdupois.         |
| Kilograms ÷ 1102.3                  | = Tons (2,000 pounds).        |
| Kilograms per sq. cent. × 14.223    | = Pounds per sq. in.          |
| Kilogrammetres × 7.233              | = Foot-pounds.                |
| Kilograms per metre × .672          | = Pounds per square foot.     |
| Kilograms per cubic metre × .062    | = Pounds per cu. ft.          |
| Kilograms per cheval vapeur × 2.235 | = Lbs. per h. p.              |
| Kilo-watts × 1.34                   | = Horse-power.                |
| Watts ÷ 746                         | = Horse-power.                |
| Watts ÷ .7373                       | = Foot-pounds per second.     |
| Calorie × 3.968                     | = B. T. U.                    |
| Cheval vapeur × .9863               | = Horse-power.                |
| (Centigrade × 1.8) + 32             | = Degrees Fahrenheit.         |
| Francs × .193                       | = Dollars.                    |
| Gravity, Paris                      | = 980.94 cent. per second.    |

## BUILDING PATENTS.

- 539,891. ELEVATOR-CONTROLLER.—Maxwell W. Dav, Schenectady, N. Y.  
 589,903. SECTIONAL PIPE-COVERING.—Robert W. Lysle, Philadelphia, Pa.  
 579,923. FRESH-AIR INLET FOR SANITARY VENTILATION.—Paul Ayres, Rockville Centre, N. Y.  
 589,963. HINGE.—Christopher Froelich, Brooklyn, N. Y.  
 589,992. PNEUMATIC DOOR-CHECK.—Charles H. Ocampagh, Rochester, N. Y.  
 590,004. STORM OR SCREEN FRAME.—Bernhard J. Danielson, Milwaukee, Wis.  
 590,014. APPARATUS FOR HEATING AND CIRCULATING WATER.—Michael M. Brophy, London, Eng.  
 590,047. DOOR-CLAMP.—Chas. E. Ovenshire, Minneapolis, Minn.  
 590,048. LIQUID DOOR-CHECK.—Albert A. Page, East Haven, Conn.  
 590,052. DOOR-CHECK.—Granville W. Wright, New Haven, Conn.  
 590,063. HOT-WATER HEATER AND STEAM-GENERATOR.—Walter C. Higgins, Norwich, Conn.  
 590,086. SASH-HOLDING OR REMOVING DEVICE.—Richard Bohrich, Las Vegas, N. Mex.  
 590,167. FURNACE OR HEATER.—Wm. H. Riley, Dayton, O.  
 590,169. DOOR-OPENER.—Karl Schiek, Stuttgart, Ger.  
 590,192. BELL DOOR-KNOB.—Edw. H. Kinnaman and Benjamin F. Flowers, Fort Collins, Col.

## BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[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.

**Albany, N. Y.**—Present indications are that all the bids received September 15 for the construction of the new 74th Regiment Armory at Buffalo will have to be thrown out and that the plans and specifications for the same will have to be changed materially so that contractors can make bids for the work which will come within the \$375,000 appropriation made by the last Legislature to construct the building.

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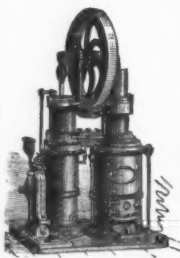
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## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**Alexandria, La.**—C. A. Favort is contemplating the erection of a new hotel in this city. The building will be three stories high, and will have all modern conveniences. Cost about \$25,000.

**Allegheny, Pa.**—Local papers state that plans are being prepared by F. H. De Arment, architect, for a twelve-story flat-building to be erected on Sherman and Montgomery Aves., to cost about \$200,000.

**Anaconda, Mont.**—The county has secured a site for a court-house. No definite steps toward building have been taken.

**Atlantic City, N. J.**—Plans have been made for a new church building for the Olivet Presbyterian Society, to cost about \$20,000. Isaac Pursell, Philadelphia, architect.

**Augusta, Ga.**—The Church of the Sacred Heart will build a new church to cost \$20,000. Hon. Patrick Walsh, Chairman.

**Auburn, Me.**—Rev. F. W. Sandford, the evangelist, announces that he has \$700 toward the purchase of a lot in Auburn, where he says God has told him to build a church. He expects to have the church completed before snow flies.

**Boston, Mass.**—Sidney C. Whiting has purchased 18,600 square feet of land situated on Blue Hill Ave., Brunswick and Intervale Sts., Dorchester, on which he will erect 3 three-story buildings for stores and dwellings.

A new hospital is contemplated by the Ladies Aid Society, a Hebrew organization.

**Bridgeton, N. J.**—Committees have been appointed by city councils to secure sites for a school-house and municipal buildings.

**Brooklyn, N. Y.**—It is stated that plans prepared by P. Brandner, architect, of New York, have been accepted for the new building for the Swabian Singing Society to be erected on Greene and Myrtle Aves., to cost about \$125,000; bids will be called for at once.

**Buffalo, N. Y.**—It is stated that plans are being prepared by Architect Corhead for a new parochial school for St. Bridget's R. C. Church, to be erected on Fulton St., to cost about \$35,000.

**Campbelltown, Pa.**—W. C. Weaver & Son, Hummelstown, have made plans for a church to be erected here. The building will be constructed of stone, 60' x 100', one story high.

**Chapel Hill, N. C.**—The plans of Frank P. Milburn, architect, of Charlotte, have been accepted by the building committee for the Alumni Building. Cost, \$25,000.

**Chicago, Ill.**—Architect S. A. Treat, Fisher Building, has nearly completed plans for the erection of a building for the New York Circuit Company on Washington Boulevard, from Morgan to Carpenter St. The building will cover an area of 250' 8" x

## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

105', will be five stories and basement, constructed of brick and terra-cotta, and will cost about \$250,000.

On account of an irregularity in the title of the land, the bids for the erection of the Normal Practice School, at 69th St. and Stewart Ave., were returned unopened. When the title is cleared bids will be readvertised for in about two weeks.

The Jewish Orphan Home Association has asked for sketches for a home to be built at 62d St. and Drexel Boulevard. The new building will be three or four stories, of brick and stone, and will cost approximately \$55,000.

Local papers state that plans for the dormitory to be erected in connection with the John Worthy Manual Training School at the Bridewell have been completed by Henry Sierks, City Architect. An appropriation of \$50,000 has been made for the purpose.

Augusta Lehman as conservatrix for the estate of E. J. Lehman has received permission from the court to erect a five-story apartment-house, 197' x 200', containing 75 suites, to cost \$250,000. To be located at Lake View on Evanston Ave. and Surf St.

**Cincinnati, O.**—The contract for erecting the new fire-engine house No. 21 is stated to have been awarded to Joseph C. Stein, at \$10,550.

**Columbus, Ga.**—The Board of Education of Muscogee County will build several school-houses in the county. Mr. Johnson, County School Commissioner.

**Des Moines, Ia.**—Plans prepared by O. O. Smith, architect, of Des Moines, are stated to have been accepted by the State Executive Council, for the new State Historical Building, to cost about \$20,000.

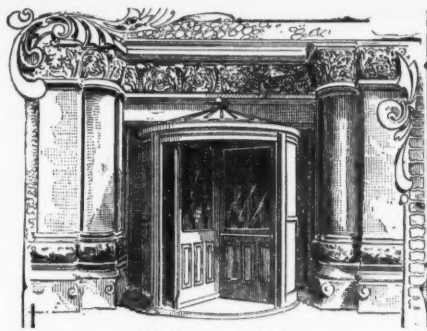
**Evanston, Ill.**—The Northwestern University will erect a three-story academy building, to cost about \$80,000. Dr. Herbert F. Fisk, principal.

**Green Bay, Wis.**—The Methodist Society contemplates erecting a \$20,000 brick church on the site of the parsonage.

**Greensboro, N. C.**—The Greensboro Female College will build new library and gymnasium.

**Hanover, N. H.**—Plans and specifications are being prepared for the new physical laboratory to be known as the Charles W. Wilder Laboratory. The building will cost \$50,000 and is to be located between the James B. Richardson dormitory and the Medical College. Efforts are being made to erect a new observatory on the college grounds.

**Harrisburg, Pa.**—The Commission in charge of the erection of a new State Capital, to cost \$550,000, has rejected all the plans recommended by the Board of Experts, and decided to ask the architects to submit revised plans to the Capitol Commission on September 29.



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"Makes a good beginning." — The Critic.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Hewlett, S. I., N. Y. — It is stated that \$10,500 has been appropriated for a new school-building.

Huntington, W. Va. — The Board of Regents of the State Normal School will build annex to Marshall College. They will also make alterations and additions to Normal School Building at Athens, W. Va.

Jacksonville, Fla. — The congregation of the Newnan St. Presbyterian Church contemplate erecting a new edifice at a cost of \$20,000.

Kansas City, Kan. — Assistant City Engineer Mitchell now has plans prepared for the new Union station to be erected here. The plans provide for a structure 500' x 200'. The work will probably not be begun until the next bluff improvements are finished.

Kansas City, Mo. — F. L. & W. B. La Force will erect a five-story modern flat-building at 1013-1022 Broadway, \$20,000. Work will be commenced at once. The building is to be completed April 1.

Lamberton, Minn. — Steps are being taken to locate an Orphan Asylum here, and the Lutheran Home Asylum will be incorporated soon.

Leominster, Mass. — Architect G. W. Howe is making plans for a new church edifice for the Universalist Society. It will be a frame building, 38' x 66', and cost about \$6,000.

Lexington, Ky. — The State A. & M. College will build a new Natural Science Building, three stories high, with basement of brick, to cost \$25,000.

Mattoon, Ill. — Plans prepared by Architect Hodgkin, of Mattoon, are stated to have been accepted by the Trustees of the Odd Fellows Old Folks' Home for a new building to be erected at Mattoon, to cost about \$28,000.

Medina, N. Y. — A new church to cost some \$35,000 will be built here by the St. Mary's Church Society,

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The question is not so much whether you are going to screen the house, as it is what screen you will use.

## Higgin Metal Frame Screens

do not shrink, swell nor warp. They are neither as large nor as clumsy as wooden frame Screens. That they are strong, durable and of the best material, goes without saying. Write for illustrated pamphlet and prices.

The Higgin Metal Frame Window Screen Co., 41 East Fourth Street, CINCINNATI, OHIO.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Rev. W. J. McNab, pastor. Architect not yet decided upon.

Nebraska City, Neb. — Morton Bros., of this city, secured the contract for the erection of a \$25,000 theatre building for J. Sterling Morton.

Neosho, Mo. — Bonds to the amount of \$8,071 have been sold and the proceeds are to be used to build a new school-house.

New Britain, Conn. — Plans prepared by Architects Davis & Brooks have been accepted for a new school-building to be erected on Monroe St., to cost about \$15,000.

### BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Newburgh, N. Y. — It is stated that the bids received for making improvements to the State Armory exceeded the appropriation, which is \$19,000, and plans will be modified so as to bring the work within the cost limit.

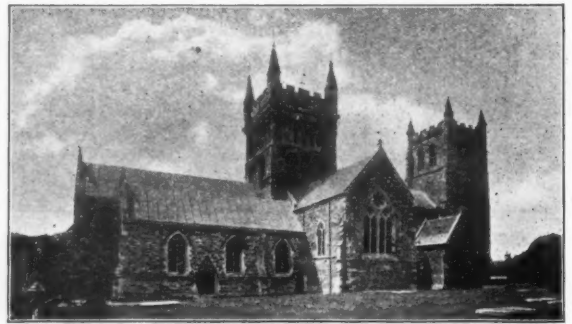
New Hampton, Ia. — St. Joseph's Catholic Society will erect a church next season. Plans are now being considered for a building 115' x 55'.

New Haven, Conn. — The School Board are considering the building of a new high school. Estimated cost, \$200,000.

(Continued on page 17.)



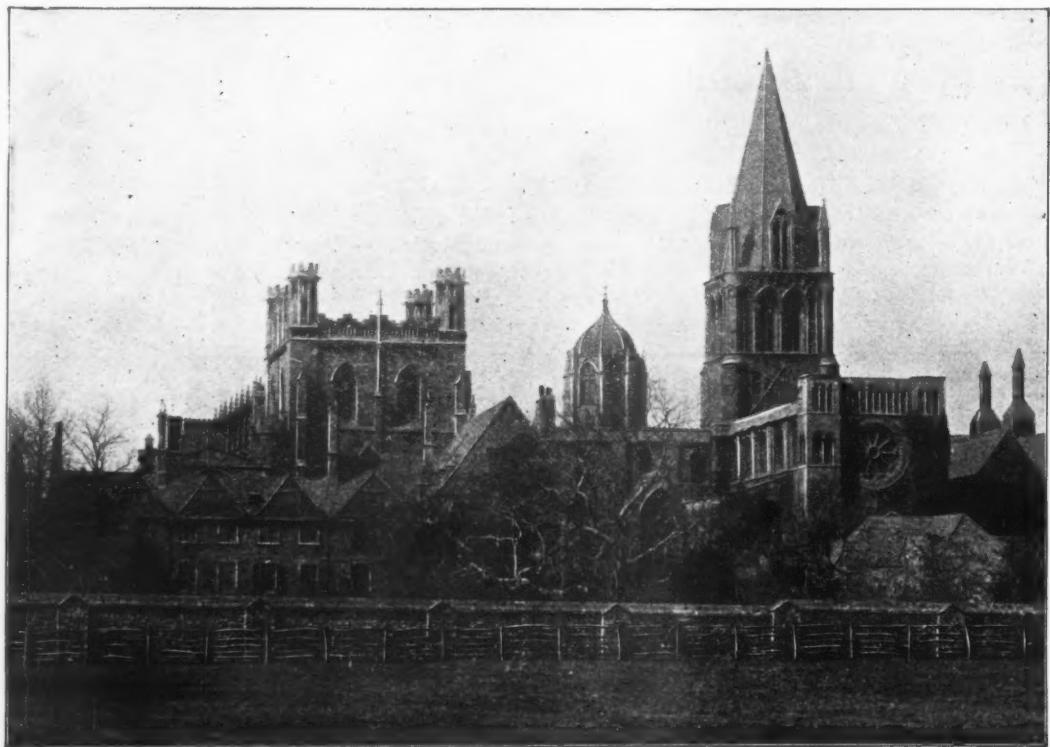
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Wimborne Minster, England.



Cram, Wentworth &amp; Goodhue, Architects.



Christ Church Cathedral, Oxford, Eng., from Merton Fields.

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## Topographical Index of Advertisers.

[For pagination, see Alphabetical Index on Cover 3.]

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| <b>New Britain.</b>                            |  |  | <b>Schenectady.</b>                              |  |  |
| The Stanley Works.....[Wrought-Steel Butts.]   |  |  | General Electric Co.....[Electrical Equipments.] |  |  |
| <b>New Haven.</b>                              |  |  | <b>Troy.</b>                                     |  |  |
| Fitch Co., The W. & E. T.....[Sash Lock.]      |  |  | Globe Ventilator Co.....[Ventilators.]           |  |  |
| <b>Stamford.</b>                               |  |  | Troy Laundry Machinery Co.....[Washing Ma-       |  |  |
| Yale & Towne Mfg. Co.....[Locks.]              |  |  | chine.....[China.]                               |  |  |
| ILLINOIS.                                      |  |  | OHIO.                                            |  |  |
| <b>Chicago.</b>                                |  |  | <b>Cincinnati.</b>                               |  |  |
| Chicago Terra-Cotta Roofing & Siding Tile Co.  |  |  | Higgin Metal Frame Window Screen Co.....         |  |  |
| .....[Roofing Materials.]                      |  |  | .....[Screens.]                                  |  |  |
| Dauchy & Co.....[Vault-Lights.]                |  |  | Mitchell Furniture Co., The Rob't.....           |  |  |
| Davis, Frank L.....[Monuments.]                |  |  | .....[Interior Woodwork.]                        |  |  |
| Northwestern Terra-Cotta Co.....[Terra-Cotta.] |  |  | <b>Cleveland.</b>                                |  |  |
| Pioneer Fireproof Construction Co.....[Fire-   |  |  | Brooks, T. H. & Co.....[Sidewalk Lights.]        |  |  |
| proofing.]                                     |  |  | Cudell, F. E.....[Traps.]                        |  |  |
| Taylor, J. W.....[Photographs.]                |  |  | <b>Niles.</b>                                    |  |  |
| <b>Bedford.</b>                                |  |  | Bostwick Steel Lath Co.....[Fireproof Lathing.]  |  |  |
| <b>INDIANA.</b>                                |  |  | <b>Zanesville.</b>                               |  |  |
| Bedford Quarries Co.....[Stone.]               |  |  | Mosaic Tile Co.....[Tile.]                       |  |  |
| <b>Indianapolis.</b>                           |  |  | <b>PENNSYLVANIA.</b>                             |  |  |
| Interior Hardwood Co.....[Inlaid Floors.]      |  |  | <b>Ambler.</b>                                   |  |  |
| <b>KENTUCKY.</b>                               |  |  | Kearney & Mattison Co.....[Magnesia Covering.]   |  |  |
| <b>Louisville.</b>                             |  |  | <b>Philadelphia.</b>                             |  |  |
| Snead & Co. Iron Works.....[Iron Work.]        |  |  | Belmont Iron Works.....[Ironwork.]               |  |  |
| <b>MASSACHUSETTS.</b>                          |  |  | French & Co., Samuel H.....[Mortar Colors.]      |  |  |
| <b>Boston.</b>                                 |  |  | Jarden Brick Co.....[Bricks.]                    |  |  |
| Anchor Electrical Co.....[Electric Switch.]    |  |  | Manning, W. T.....[Filters.]                     |  |  |
| Butcher Polish Co.....[Floor Polish.]          |  |  | McClure & Co.....[Roofing Tin.]                  |  |  |
| Cabot, S.....[Shingle-Stains.]                 |  |  | Merchant & Co.....[Tin Roofing.]                 |  |  |
| Farquhar's Sons, John.....[Roofers.]           |  |  | More, Williams & Co.....[Elevators.]             |  |  |
| Folsom Snow Guard Co.....[Snow Guards.]        |  |  | Phoenix Iron Co.....[Structural Iron.]           |  |  |
| Frost & Adams Co.....[Architects' Supplies.]   |  |  | Taylor Co., N. & G.....[Sheet Metal.]            |  |  |
| Gurney Heater Mfg. Co.....[Hot water, etc.]    |  |  | <b>Pittsburgh.</b>                               |  |  |
| Haberstroh & Son, L.....[Decorators.]          |  |  | Apollo Iron and Steel Co.....[Galvanized Iron.]  |  |  |
| Heliotype Printing Co.....[Art Printing.]      |  |  | Follansbee Bros. Co.....[Roofing Materials.]     |  |  |
| Massachusetts Fan Co.....[Ventilating Fan.]    |  |  | Pittsburgh Terra-Cotta Lumber Co.....[Fire-      |  |  |
| Moore & Wyman.....[Elevators.]                 |  |  | proofing.]                                       |  |  |
| New England Felt Roofing Works.....[Roofing.]  |  |  | Westinghouse Machine Co.....[Engines.]           |  |  |
| Samson Cordage Works.....[Sash Cord.]          |  |  | <b>Scranton.</b>                                 |  |  |
| Spaulding Print Paper Co.....[Blue Prints.]    |  |  | International Correspondence Schools, The        |  |  |
| Waldo Bros.....[Mason's Supplies.]             |  |  | [Architecture.]                                  |  |  |
| Whittier Machine Co.....[Elevators.]           |  |  | <b>TENNESSEE.</b>                                |  |  |
| <b>Clinton.</b>                                |  |  | <b>Knoxville.</b>                                |  |  |
| Clinton Wire Cloth Co.....[Metallic Lathing.]  |  |  | University of Tennessee.....[University.]        |  |  |

| BUILDING INTELLIGENCE.                                                                                                                                                                                                                                                                                     | BUILDING INTELLIGENCE. | BUILDING INTELLIGENCE. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| (Advance Rumors Continued.)                                                                                                                                                                                                                                                                                |                        |                        |
| Dr. Nadler has been selected as chairman of the committee appointed to select a site for the new Contagious Disease Hospital.                                                                                                                                                                              |                        |                        |
| <b>New London, Conn.</b> —It is stated that Council has voted to appropriate \$12,000 for a new police station.                                                                                                                                                                                            |                        |                        |
| <b>New Orleans, La.</b> —A new station, 125' x 365', will be erected by the Louisville & Nashville Railroad, to cost about \$40,000. H. Bolla, Superintendent Buildings, Louisville, Ky.                                                                                                                   |                        |                        |
| <b>Newton, Mass.</b> —A. C. Remick, corner of Marlboro                                                                                                                                                                                                                                                     |                        |                        |
| and Tremont Sts., is soon to erect 30 new residences on Tremont St., near the Brighton line. The prices will range from \$4,000 to \$7,000 each. They will contain all modern improvements. For full particulars apply to A. C. Remick.                                                                    |                        |                        |
| <b>New York, N. Y.</b> —The Board of Trustees of the Atlantic Yacht Club have held a meeting at the office of J. Rogers Maxwell, 143 Liberty St., to consider plans for a new club-house at Sea Gate, Coney Island. A number of plans have been submitted but as yet no selection has been made. The Board |                        |                        |
| will meet again at the same place on September 29, at 3 o'clock P. M., when it is expected the successful competitor will be chosen.                                                                                                                                                                       |                        |                        |
| <b>Norfolk, Va.</b> —Carpenter & Peebles, architects, have prepared plans for a new hospital to be constructed here. The building will be 140' x 40', and will cost about \$30,000.                                                                                                                        |                        |                        |
| <b>Nyack, N. Y.</b> —A new hospital will probably soon be erected here by the Nyack Hospital Association, Stephen R. Bradley, President; Howard Van Buren, Secretary.                                                                                                                                      |                        |                        |

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## DAUCHY IRON WORKS

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## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

**Philadelphia, Pa.**—The Munyon Homeopathic Medicine Co. will enlarge its building on Arch St., above 15th St., from plans by Seymour Davis.

Walter Smiley has completed plans for a large morocco factory to be erected at Tioga, Edgemont, Venango and Salmon Sts., for G. H. McNeeley & Co. The building will be three stories high, 155' x 203', and a boiler-house, 53' x 38'.

The award for the best set of plans for the Allentown Hospital has been made to Seymour Davis, of this city.

The City Council have stricken from the loan ordinance the item appropriating \$1,000,000 for a new city library building. As a fireproof structure for a central library is greatly needed, strong efforts are being made to secure a reconsideration of the matter.

Several local architects are preparing competitive plans and specifications for a new edifice for the congregation of the Union Presbyterian Church, whose old house of worship, on 13th St., below Spruce, is now being demolished to make way for an apartment-house. The new church will be built of stone and brick, and will be one-story high, with a basement. It is expected to cost about \$30,000. The location of the church has not been announced.

Oak Lane Country Club will start work in a day or so on the erection of its new club-house, on the county line near Oak Lane Station. The proposed structure will be three stories high, of local stone. The work will cost about \$8,000.

**Pittsburgh, Pa.**—It is stated that F. J. Osterling, architect, is preparing plans for a new steel and stone fireproof office-building for John Daub, to replace the building burned recently on Smithfield St., near 6th St.

**Pittsfield, Pa.**—Plans are being prepared by E. F. Bertolotto, architect, Head Building, Philadelphia, for a new six-story hotel to be erected here by W. F. Allen & Son, to cost about \$60,000.

**Providence, R. I.**—The city has just appropriated \$125,000 for a manual training high school. The matter is now in hands of joint standing committee on public property of the city and Board of Education, B. E. Perkins, Chairman.

**Quincy, Mass.**—Henry H. Faxon is soon to erect a business block on Hancock St., near Saville St.

**Richmond, Va.**—The University of Medicine will build a new school-building four stories high, to cost \$25,000. Brick will be used.

**Rockaway Beach, L. I., N. Y.**—It is stated that plans have been accepted for the new Central school-building to be located at Holland Station, to cost about \$55,000.

**Rockville Centre, L. I., N. Y.**—It is stated that plans have been prepared for a new edifice to be erected by the congregation of the First Methodist Church, to cost about \$12,000.

**Sandersville, Ga.**—H. N. Jones & Co., of Macon, have been awarded the contract to build the new school, to cost \$10,500.

**Sheepshead Bay, L. I., N. Y.**—Architects Quinby & Broome, 99 Nassau St., are drawing plans for a club-house to be erected for the Coney Island Jockey Club at a cost of about \$20,000. It will be of steel and frame construction and fitted with all conveniences.

**Slayton, Minn.**—The Catholic Society voted to secure a site and lay the foundation for a church this fall.

**Sleepy Eye, Minn.**—St. Mary's Society voted down a proposition to erect a church to cost \$35,000 to \$40,000.

**South Framingham, Mass.**—The plans of W. Herbert Colby, of Boston, have been accepted for the Pearl St. School-house.

**Springfield, Mass.**—The Springfield Brewing Co. has decided to contract for constructing the addition to the plant upon plans drawn by the Wilhelm Griesser Engineering Co., of Chicago. It is estimated to cost \$75,000.

**St. Louis, Mo.**—The firm of Green & La Motte will shortly erect a large mercantile building. It will be equipped with six large freight-elevators and two passenger-elevators, a modern electric-light plant and patent automatic sprinkler system. The structure when completed will cost about \$500,000. Eames & Young, architects, will prepare plans at once.

**Taylorville, Ill.**—The City Council has appropriated \$15,000 for a new city hall.

**Three Rivers, Mich.**—The citizens have voted to issue \$50,000 in bonds to build a new court house.

## BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The supervisors will shortly be asked to submit the question of removing the county buildings from Centerville to Three Rivers.

**Trenton, N. J.**—The citizens have voted to issue bonds towards the building of a new high school and are urging the City Council to act in the matter without delay.

**Winston, N. C.**—The Building Committee have accepted the plans prepared for the new church. The plans provide for a building of press brick, granite trimmings, slate roof and steam heat. Cost about \$10,000.

**Worcester, Mass.**—The contract for building the addition to the first ward of the lunatic hospital to be used as an infirmary, has been awarded to J. W. Bishop & Co., at \$73,352.

## ALTERATIONS AND ADDITIONS.

**Portland, Me.**—Alterations to dwell., wood & bk. started, hot water; \$4,500; o. Mrs. I. P. Farrington; a. John Calvin Stevens; b. A. D. Smith.

## APARTMENT-HOUSES.

**Chicago, Ill.**—Eganston Ave., five-story bk. flats, 180' x 100', comp. roof, steam; \$250,000; o. E. H. Lehman Estate, Chas. Grove, Agent; a. E. K. Krause, 100 Washington St.

**Drexel Ave.**, Nos. 5000-6, three-story bk. & st. flats, 93' x 130', comp. roof, steam; \$35,000; o. A. Dubach; a. Henry L. Newhouse.

**New York, N. Y.**—Madison Ave. and One Hundred and First St., a five-story bk. & st. flats, various dimensions; \$100,000; o. Isaac Mayer, 69 E. 107th St.; a. John Hauser, 1441 Third Ave.

**One Hundred and Twelfth St.**, nr. Lenox Ave., 2 five-story bk. flats, 25' x 85'; \$38,000; o. Henry Gundlock, 23 W. 112th St.; a. Edward Wenz.

**One Hundred and Ninth St.**, nr. Boulevard, 2 five-story bk. flats, 25' x 85'; \$40,000; o. Gamme & Robertson; a. James W. Cole.

**Rivington St.**, Nos. 325-7, six-story bk. store & flats, 37' x 65'; \$25,000; o. Brown & Hirsch, 34 Columbia St.; a. Charles Rentz.

**Teasdale Pl.**, Nos. 15-17, 2 four-story bk. flats, 25' x 72'; \$30,000; o. Stephen Cross, premises; a. K. Heinrik.

**Melrose Ave.**, nr. 158th St., four-story bk. flats, 25' x 82'; \$16,000; o. Robert F. Seiffert, 629 E. 158th St.; a. G. Schwarz.

**Rutgers Pl.**, Nos. 13-15, 2 six-story bk. flats, 26' x 96'; \$48,000; o. Joseph Pohlestein & Wm. Feinberg, 200 Henry St.; a. Bernstein & Stone.

**St. Louis, Mo.**—Two-story flats, Montgomery St., bet. Coleman & Bacon Sts.; \$17,000; o. Mrs. H. Ker-shner.

Two-story stores & flats, s. s. Delmar St., bet. Taylor & Walton Sts.; \$9,000; o. Wm. Keane.

## EDUCATIONAL.

**Pepperell, Mass.**—1½-story fr. school, 35' x 50', hip roof, comb. heat; o. Town; b. C. H. Miller; a. Gay & Proctor, Boston.

**Pittsburgh, Pa.**—Building permit has been issued for the new south side high school, to be erected at Carson & S. 10th Sts. It will be of brick, two stories high, and cost \$50,000.

## HOUSES.

**Arlington, Mass.**—2½-story fr. dwell., 28' x 50', hip roof, furnace; \$7,000; o. C. P. Wyman; b. Fales & Doyle; a. Gay & Proctor, Boston.

2½-story fr. dwell., 50' x 80', hip roof, furnace; \$12,000; o. F. S. Bryant; b. Fales & Doyle; a. Gay & Proctor.

**Walcott St.**, nr. Franklin Park, 2½-story fr. dwell., 40' x 50', hip roof, furnace; \$6,000; o. M. Sherwin; b. S. T. Chipman, W. Roxbury; a. Gay & Proctor, Boston.

**Boston, Mass.**—Northampton St., No. 30, Ward 12, three-story bk. dwell., 21' x 45', flat roof; \$6,000; o. b. Adolph Wexler, Leverett St.

**Spaulding St.**, No. 38, Ward 22, two-story fr. dwell., 26' x 52', pitch roof, furnace; \$4,500; o. B. P. McGerry; b. J. P. Campbell, 26 Boylston St., Jamaica Plain.

**Brackett St.**, cor. Washington St., Ward 25, 3 two-story fr. dwells., 26' x 48', pitch roofs, furnaces; \$12,000; o. H. J. Ecklund; b. A. Bissell.

**Centre St.**, No. 94, Ward 20, two-story fr. dwell., 28' x 56', pitch roof, furnace; \$5,000; o. b. Arthur B. Worthen, 35 Kenwood St., Dorchester.

**Dorchester Ave.**, nr. Torrey St., Ward 24, three-story fr. dwell., 28' x 48', flat roofs, stoves; \$4,500; o. b. Ernest S. Gay.

**Moultrie Ave.**, No. 5, Ward 20, two-story fr. dwell., 28' x 38', pitch roof, furnace; \$4,500; o. Mary A. Brown; b. Arthur G. Brown, 82 Centre St., Dorchester.

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## BUILDING INTELLIGENCE.

(Houses Continued.)

**Bullard St.**, cor. Rossiter St., Ward 20, two-story fr. dwell., 36' x 46', pitch roof, furnace; \$5,500; o. F. D. Howe, 181 Tremont St.; a. C. A. Russell; not let.

**Merrill St.**, nr. Folsom St., Ward 20, three-story fr. dwell., 24' x 50', flat roof, stoves; \$4,500; o. Susan H. Bolton; b. Geo. D. Shaw, 12 River St.

**Washington St.**, No. 113A, Ward 25, two-story fr. dwell., 30' x 40, pitch roof, furnace; \$6,000; o. Wm. H. Monroe; b. G. H. & A. T. Ireland, Newton Centre.

**Ellet Sq.**, No. 55, Ward 19, two-story fr. dwell., 29' x 53', pitch roof, stoves; \$5,500; o. Cornelius Tegen; b. A. D. McGilroy, 45 Sterling St.

**Burrongs St.**, nr. Centre St., Ward 23, two-story fr. dwells., 30' x 42', gambrel roofs, furnaces; \$11,000; o. H. A. Withington; b. M. A. Blanchard, 91 Boylston St., Jamaica Plain.

**Elmwood St.**, nr. King St., Ward 19, two-story fr. dwell., 25' x 50', pitch roof, stoves; \$5,000; o. Mrs. O. G. Kemple, 12d am. b. A. Johnson, Dedham; a. Samuel Rantlin & Son.

**Kilguth Road**, nr. Windsor St., Ward 25, two-story fr. dwell., 19' x 21' x 65', pitch roof, furnace; \$6,000; o. Mrs. Kate S. Adams, Brookline; a. A. H. Bowditch, 85 Devonshire St.; not let.

**E. Seventh St.**, nr. M St., Ward 14, 2 three-story fr. dwells., 22' x 60', flat roofs, stoves; \$8,000; o. b. Samuel W. Johnson, 591 Broadway.

**N St.**, nr. E. 6th St., Ward 14, 2 three-story fr. dwells., 22' x 60', flat roofs, stoves; \$8,000; o. b. Samuel W. Johnson.

**Hecla St.**, nr. Dorchester Ave., Ward 24, three-story fr. dwell., 24' x 50', flat roof, furnace; \$5,000; o. Walter Bros., Quincy.

**Brookline, Mass.**—Penn Road and Fisher Ave., two-story fr. dwell., 51' x 82', pitch roof, furnace; \$16,000; o. John A. Baldwin; b. Mitchell & Sunderland, Boston; a. Cram, Wentworth & Goodhue, Boston.

**Brooklyn, N. Y.**—Flatbush Ave. and Germania Pl., three-story bk. & st. dwell., 47' x 54'; \$8,000; o. Ida Heywood, 336 E. 32d St.; a. W. B. Willis, 17 Troutman St.

**Buffalo, N. Y.**—Perry St., two-story bk. store & dwell.; \$10,000; o. J. F. Brinkworth; a. J. A. Matthews.

**Cambridge, Mass.**—Walden and Sherman Sts., three-story fr. dwell., 44' x 58', flat roof, stoves; \$5,000; o. Lydia A. Masse, 256 Walden St.; a. Ralph N. Dow.

**Chicago, Ill.**—Washington Boulevard, nr. Albany Ave., 2½-story bk. & st. dwell., 26' x 50', pitch roof, steam; \$9,000; o. F. R. Millard, 143 Van Buren St.; a. H. H. Waterman, 218 La Salle St.

**Reta St.**, nr. Addison Ave., three-story bk. & st. dwell., 25' x 60', flat roof; \$7,000; o. Mrs. Hess; a. A. G. Zimmerman, 22 Montauk Blk.

**Vincennes Ave.**, No. 4340, three-story bk. dwell., 25' x 76', and one-story barn, 30' x 33'; \$12,000; o. J. P. Bowles; b. A. Burke; a. A. W. Buckley.

**Forestville Ave.**, No. 4500-2, 2 three-story bk. & st. dwells., 26' x 74' tile & comp. roofs, steam; \$15,000; o. F. P. Burkett; a. Henry L. Newhouse, 4630 Prairie Ave.

**Deal, N. J.**—2½-story fr. & st. dwell., 36' x 80'; \$20,000; o. T. S. Darling, Detroit, Mich.; a. Kimball & Thompson, New York City.

**Detroit, Mich.**—George Elsworth, bk. dwell., 72 Boulevard; \$12,000.

Double fr. dwell., 688-90 Trumbull Ave.; \$5,000; o. James E. Mills.

**Fairhaven, Mass.**—2½-story fr. dwell., 30' x 50', shingle roof, hot air; \$7,000; o. Charles W. White; b. H. T. Bullman, New Bedford; a. Nathaniel C. Smith, New Bedford.

**Holyoke, Mass.**—Oak St., 2½-story fr. dwell., 30' x



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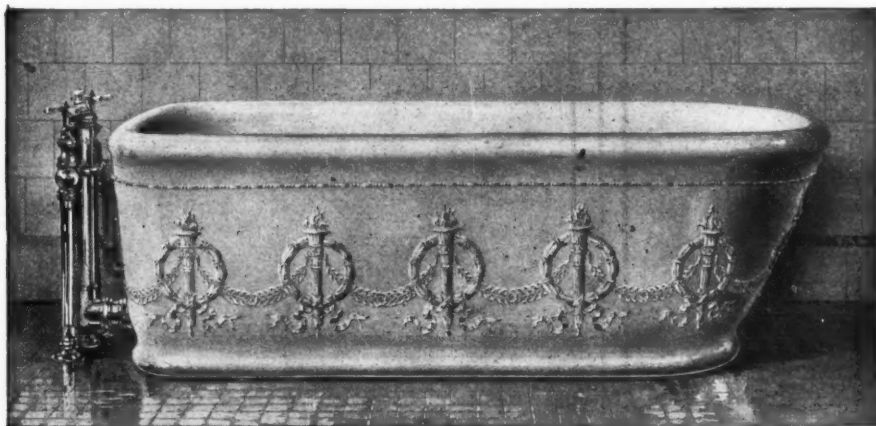
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| Do. | do. | do. | do. | 5 ft. 6 in. long. |

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**F. E. CUDELL'S**  
**PATENT SEWER-GAS AND BACK-WATER TRAP,**  
 For Wash-Bowls, Sinks, Bath and Wash-Tub  
 West Cleveland, O.

### BUILDING INTELLIGENCE.

(Houses Continued.)

50', shingle roof, steam; \$5,000; o., A. B. Chapin; a., Clough & Reid; not let.  
**Lawrence, Mass.**—*Lowell Terrace*, 2½-st'y fr. dwell., 30' x 59', shingle roof, hot air; \$5,000; o., Alfred Bradbury; b., A. Beauvais.  
**Lowell, Mass.**—2½-st'y fr. dwell., 48' x 48', hip roof, furnace & hot water; \$12,000; o., S. G. Parker; b., C. H. Nelson; a., Lewis H. Bacon, Boston.  
**Malden, Mass.**—*Judson St.*, No. 64, 2½-st'y fr. dwell., pitch roof, furnace; \$5,000; o., F. E. Freeman, 46 Judson St.; b., G. R. Lewis.  
**Manchester, N. H.**—*Hanover St.*, 2½-st'y fr. dwell., 30' x 50', shingle roof, hot air; \$5,000; o., Chas. A. Holt; b., Mr. Coburn; a., Wm. M. Butterfield.  
**Minneapolis, Minn.**—*Hennepin Ave.*, No. 2220, two-st'y fr. & bk. dwell., 33' x 60'; \$5,000; o. & b., J. M. Griffith, 110 N. 5th St.; a., S. J. Bowler.  
*Groveland Ave. and Dell Pl.*, two-st'y bk. & st. dwell., 33' x 42', hot water; \$5,000; o., Ernest F. Smith; a., Walter J. Kelth.  
**New Bedford, Mass.**—*County St.*, 2½-st'y fr. dwell., 30' x 46', shingle roof, hot air; \$5,000; o., Benjamin Cummings; b., Jason Ballou; a., Robt. H. Slack.  
**Newton, Mass.**—*Sumner St.*, two-st'y fr. dwell., 34' x 59', shingle roof, furnace; \$6,000; o., C. B. Moore, 147 Sumner St.; a., J. G. Skipper; b., N. R. Moore.  
*Morland Ave.*, two-st'y fr. dwell., 32' x 36', shingle roof, furnace; \$4,500; o., F. E. Hawkes; a., J. F. & G. H. Smith, 13 School St., Boston; b., W. B. Saunders, Washington St., nr. Columbia St.  
*Morse St.*, 2½-st'y fr. dwell., 40' x 45', shingle roof, furnace; \$10,000; o., H. V. Jones, Newtonville; a., J. C. Fowler, Devonshire St., Boston.  
*Arlington St.*, two-st'y fr. dwell., 30' x 40', shingle roof, furnace; \$5,500; o., D. S. Emery, 168 State St., Boston; b., Wm. Pettigrew, N. Prospect St.  
**Winthrop, Mass.**—*Herman St.*, 2½-st'y 2-apart. fr. dwell., 27' x 50', shingle roof, furnace; \$6,000; o., O. G. Fish, Lowell; a., J. S. Roach, Lowell; b., F. T. Field.  
**LIBRARIES.**  
**Naperville, Ill.**—Two-st'y st. library building, 40' x 75', steam heat; \$10,000; o., Nichols Memorial Library; a., M. E. Bell, 84 Adams St., Chicago; not let.

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#### MERCANTILE BUILDINGS.

**Milwaukee, Wis.**—*Lincoln and Kinnickinnic Aves.*, four-st'y bk. block, 87' x 92'; \$13,000; o., Richard H. Granger; a., Albert Seims.  
**Worcester, Mass.**—*Orange St.*, four-st'y bk. block, 47' x 68'; \$22,000; o. & b., J. Miles & Son.  
*Phelan St.*, four-st'y bk. block, 28' x 57'; \$10,000; o. & c., J. B. Tucker.

#### PUBLIC BUILDINGS.

**Eau Claire, Wis.**—The Masonic Temple Association has been incorporated to erect a Masonic Temple; capital \$50,000. The incorporators are A. B. Jones, F. A. Cullen and Wm. Schwahn.

#### STABLES.

**Lowell, Mass.**—1½-st'y fr. stable; \$2,000; o., S. G. Parker; b., C. H. Nelson; a., Lewis H. Bacon, Boston.

**New York, N. Y.**—*E. Seventy-ninth St.*, No. 58, three-st'y bk. & st. stable, 24' x 102'; \$25,000; o., not stated; a., Wm. Sommerfeld, 87 St. Mark's Pl.; c., T. J. Brady, 156 Fifth Ave.  
*Division St.*, Nos. 224-6, six-st'y bk. stable, 48' x 65' x 67'; \$18,000; o., Jno. Duane, 4 Attorney St.; a., Clarence B. Cutler.  
*Fifty-third St.*, nr. 10th Ave., four-st'y bk. stable, 50' x 144'; \$35,000; o., Henry Holding, 350 Mott Ave.; a., Kerby & Co.

#### THEATRES AND HALLS.

**Boston, Mass.**—*Smith St.*, nr. St. Alphonsus St., Ward 19, bk. association hall, 69' x 87' x 154', flat & pitch roof, steam; \$60,000; o., Redemptorists Fathers; a., F. J. Untersee, 608 Hancock Building; not let.

#### WAREHOUSES.

**New York, N. Y.**—*Fourth Ave.*, Nos. 65-69, eight-st'y fireproof store & loft building, 50' x 62' x 52' x 75'; \$122,000; o., John E. Sagar, 1 Madison Ave.

#### MISCELLANEOUS.

**Philadelphia, Pa.**—*Berlin St.*, nr. Gaskill St., three-st'y bk. & iron public bath-house; \$40,000; o.,

### BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

City; c., John C. Wiggins, 1226 Filbert St.; a., Furness, Evans & Co.

#### COMPETITIONS.

##### SEAL.

[At Washington, D. C.]

The American Forestry Association invites competitive designs for a Corporate Seal. For information, apply to GEORGE P. WHITTLESEY, Secretary A. F. A., Atlantic Building, Washington, D. C. 1138

**FOR** Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897.

##### SOLDIERS' AND SAILORS' MONUMENT.

[At Jersey City, N. J.]

A Soldiers' and Sailors' Monument is to be erected in Jersey City under the auspices of the Veteran Associations of Hudson County, New Jersey.

The specifications for this monument have been prepared by a committee of the National Sculpture Society, who will make the final award. No design will be considered which is not submitted by a sculptor or sculptor and architect combined as his or their professional work.

No personal interviews relative to the erection of this monument will be granted by any member of either committee.

|                                                                   |                       |
|-------------------------------------------------------------------|-----------------------|
| Committee on Monument of Veteran Associations,                    | JOHN RAMSEY,          |
|                                                                   | L. J. GORDON,         |
| Committee of Experts appointed by the National Sculpture Society, | AUGUSTUS ST. GAUDENS, |
|                                                                   | DANIEL C. FRENCH,     |
|                                                                   | GEORGE B. POST,       |
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*Ex officio.*  
 All communications relative to the erection of this monument must be made in writing addressed to the undersigned, from whom copies of the specifications,



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### COMPETITIONS.

setting forth conditions of competition, terms of payment, reception of and premiums for models, etc., may be procured on application. L. J. GORDON, Treasurer, 485 Jersey Avenue, Jersey City, N. J.

### PROPOSALS.

**SCHOOL-HOUSE.** [At Perth Amboy, N. J.] The Perth Amboy Board of Education advertises for bids and proposals for the erection of a school-building, in accordance with plans and specifications made by C. Powell Karr, architect, and adopted by the Board. Bids will be received on the evening of September 30, and must be accompanied by a certified check for \$1,000, to be forfeited in case the bidder shall fail to enter into contract and give bond in amount equal to his bid with two resident freeholders as sureties. One of the conditions is that Perth Amboy labor only must be employed. 1135

Treasury Department, Office Supervising Architect, Washington, D. C., September 13, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 11th day of October, 1897, and opened immediately thereafter, for supplying and delivering at Freight Depot at place of destination the Post-office Lock Boxes, Lock Drawers, Locks, Pulls, Plates, etc., for United States Public Buildings, in accordance with drawing and specification, as may be ordered during the fiscal year, ending June 30, 1898. Proposals must be made on the blank form provided by the Department, securely enveloped and sealed and endorsed "Proposal for furnishing lock boxes, etc., for United States Post-offices," and addressed to the Supervising Architect of the Treasury Department, and each bid must be accompanied by a certified check for \$1,000. Blank forms of proposals with drawing and full specification will be furnished on application to the Treasury Department, Washington, D. C. Proposals must be transmitted in time to reach the Supervising Architect's office before the hour set for opening. No proposal received after that time will be considered, but will be returned to the bidders. 1136

Treasury Department, Office Supervising Architect, Washington, D. C., September 16, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 12th day of October, 1897, and opened immediately thereafter, for all the labor and materials required for the plumbing and gas-piping for the United States Appraiser's Warehouse, New York,

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### PROPOSALS.

N. Y., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at New York, N. Y. 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 bids received after the time stated for opening will be returned to the bidders. CHARLES E. KEMPER, Acting Supervising Architect. 1136

Treasury Department, Office Supervising Architect, Washington, D. C., September 17, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of October, 1897, and opened immediately thereafter, for all the labor and materials required to place in position complete a tower, look for the United States Court-house, Post-office, etc., at Detroit, Mich., 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. C. E. KEMPER, Acting Supervising Architect. 1136

### MEMORIAL HALL.

[At Wabash, Ind.] Sealed bids will be received by Board of Commissioners, Wabash County, for the construction of Memorial Hall Building, until October 4, according to plans and specifications on file. BENJ. F. WILLIAMS, Auditor Wabash County.

### PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., September 7, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 5th day of October, 1897 (to be then immediately opened), for all the labor and material required to complete the approaches to the United States Post-office, Court-house and Custom-house at St. Paul, Minn., 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. Paul, Minn. With each bid must be enclosed 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. JAMES P. LOW, Acting Supervising Architect. 1135

Treasury Department, Office Supervising Architect, Washington, D. C., September 4, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of September, 1897, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating apparatus, vault doors and tower clock) of the United States Post-office, etc., building at Paterson, N. J., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Paterson, N. J. 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. JAMES P. LOW, Acting Supervising Architect. 1135

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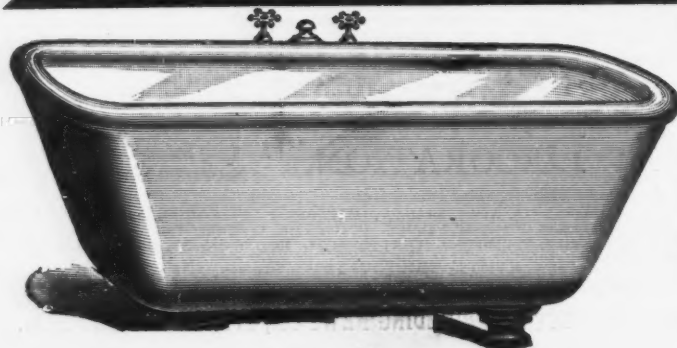
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| Enamelled (edge).....                                     | 90 00 @ 110 00 |                 |                   |                       |
| Enamelled (edge and end).....                             |                |                 |                   |                       |
| CEMENT, LIME, etc. (P cask.)                              |                |                 |                   |                       |
| Rosendale Cement.....                                     | 80 @ 85        | 1 10 @ 1 20     | Not sold.         | 1 30 @ 1 50           |
| Louisville.....                                           |                | @               | 75 @ 1 00         | S. H. F's 1 20 @ 1 50 |
| Utica, Akron, Buffalo, Milw'ke.                           | Not sold.      | @               | 75 @ 1 00         |                       |
| Portland, Eng. (Gibbs).....                               | 2 25 @ 2 50    |                 | 2 50 @ 2 60       | 2 85 @ 3 15           |
| " (K. B. & S.).....                                       | 2 50 @ 3 00    | 2 20 @ 2 50     | 2 50 @ 2 60       | 2 30 @ 2 60           |
| " (Black Cross).....                                      | 2 25 @ 2 50    |                 | 2 50 @ 2 60       | 2 85 @ 3 15           |
| " (Burnham).....                                          | 2 50 @ 2 50    | 2 20 @ 2 50     | 2 50 @ 2 60       | 2 75 @ 2 85           |
| " (White's).....                                          | 2 65 @ 3 00    | @ 5 00          | 2 50 @ 2 60       | Belg'n 2 10 @ 2 40    |
| " French (Laforge).....                                   | 3 60 @ 3 75    | 2 75 @ 3 00     | 3 75 @ 4 25       | Hemmoor               |
| " Ger. (Aisen).....                                       | 2 90 @ 3 25    |                 | 2 90 @ 3 20       | 2 50 @ 2 75           |
| " (Fewer).....                                            | 2 25 @ 2 40    |                 | @                 | 2 75 @ 2 85           |
| " (Vorwöhler).....                                        | 2 50 @ 2 90    |                 | @                 | Josson                |
| " (Lagerdofer).....                                       | @              |                 | 2 60 @ 2 90       | 2 60 @ 2 75           |
| " (Dyckerhoff).....                                       | 2 75 @ 3 00    | 2 75 @ 3 00     | 3 10 @ 3 30       | 3 00 @ 3 25           |
| " (Hanover).....                                          | 2 50 @ 3 00    |                 | 2 75 @ 2 90       | 2 75 @ 2 85           |
| " (Stettin, Anchor).....                                  | 2 35 @ 2 45    | @               | 2 85 @ 3 00       | B. Egl. 2 50 @ 2 75   |
| Roman.....                                                | 2 75 @ 3 00    | @ 3 50          | 2 75 @ 3 25       | 3 00 @ 3 50           |
| Keene's coarse.....                                       | 4 25 @ 4 75    | @ 6 00          | 6 00 @ 7 00       | 6 50 @ 7 00           |
| " superfine.....                                          | @ 6 50         | 7 00 @ 9 00     | 9 00 @ 10 00      | 8 00 @ 9 00           |
| Lime:                                                     |                |                 |                   |                       |
| Line of Tell.....                                         | @ 4 00         |                 | Not sold.         | White Lime 7 bush     |
| Hydraulic Lime.....                                       | @ 1 45         |                 | 75 @ 1 00         | 25 @ 30               |
| Chicago Lime in bulk.....                                 | { St. John     |                 | 45 @ 55           | { White Mash          |
| Wisconsin Lime.....                                       | @              |                 | 45 @ 55           | 1 25 @ 1 50           |
| Rockland and Rockport, (Dom.)                             | @              | @ 90            | Not sold.         | 1 00 @ 1 00           |
| Rockland, finish.....                                     | @              | @ 95            | Not sold.         |                       |
| Kelley Island Lime, finish.....                           | @              |                 | 1 00 bulk, 75c.   |                       |
| State, Com. cargo rates.....                              | @ 70           | Not sold.       | Not sold.         | Not sold.             |
| State, finishing.....                                     | @ 1 00         | Not sold.       | Not sold.         | Not sold.             |
| Plaster-of-Paris (casinied).....                          | 1 30 @ 1 40    | 1 85 @ 2 00     | 1 65 @ 1 75       | 1 50 @ 2 25           |
| " (casting).....                                          | @ 1 60         | @ 2 25          | 1 75 @ 1 90       | 1 75 @ 2 50           |
| Hair (cattle) 7 bush.....                                 | 14 @ 16        | 25 @ 30         | 12 @ 20           | 20 @                  |
| " (Goat).....                                             | 18 @ 21        | @ 30            | 20 @ 25           | 30 @                  |
| Sand, 7 load.....                                         | 1 00 @ 1 25    | 1 00 @ 1 75     | 1 00 @ 1 25       |                       |

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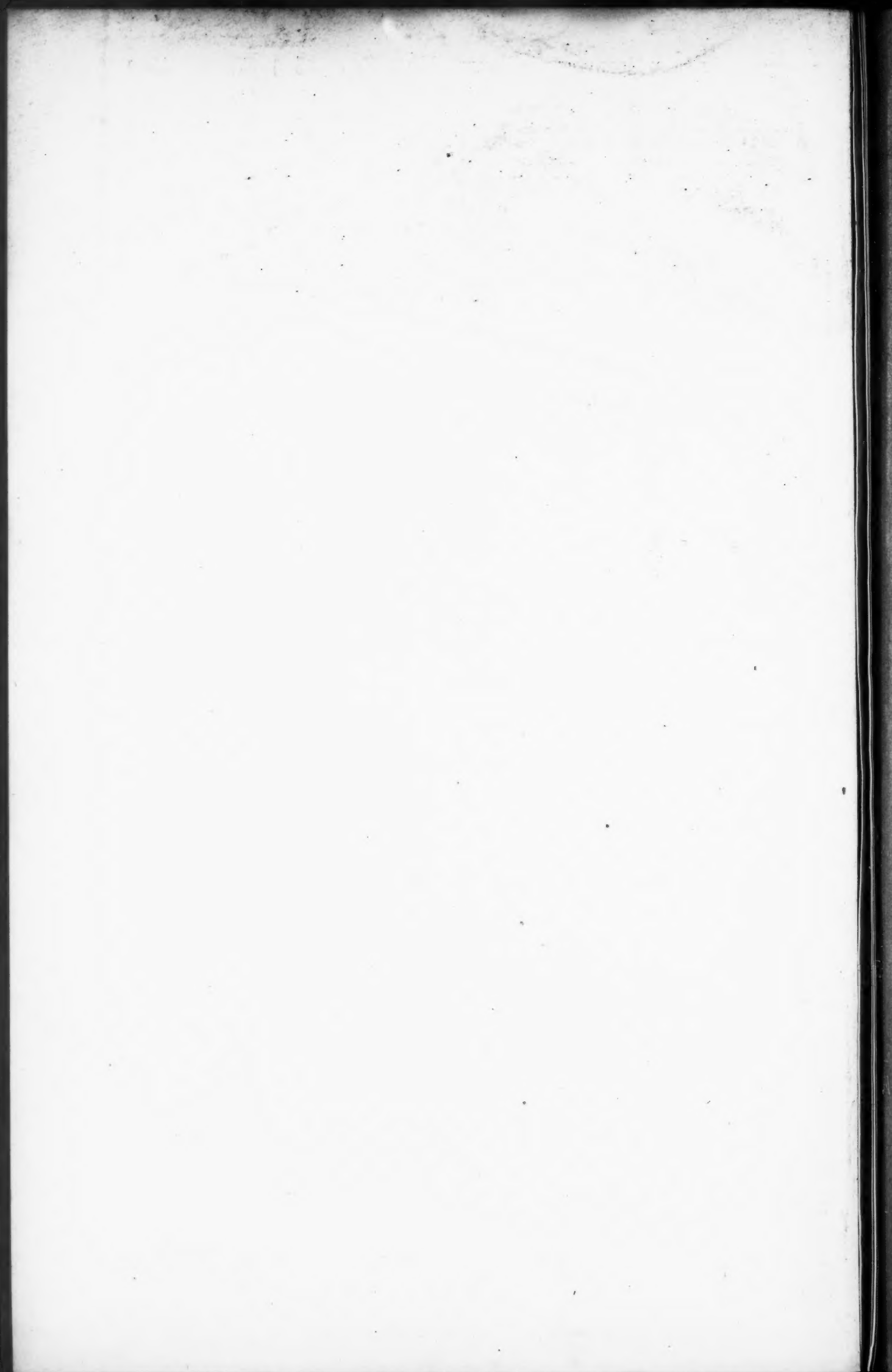
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