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THE close of the year is a good time for reviewing the events of the preceding twelvemonth, and drawing useful conclusions from them, and young architects who are enjoying the leisure which comes to so many of them at this period will find it interesting and instructive to employ a part of that leisure in studying buildings which are beginning to lose the freshness of their youth, and noting the points in which the changes due to the action of time first begin to show themselves. It will be found that very few years elapse, in most cases, before some of these changes are visible, and the young architect who is able, by care and knowledge, to postpone them beyond the average time is likely to reap a substantial reward for his trouble, in the business which will come to him through the recommendations of his grateful clients. Next to the contusion of paint and soft woodwork, incidental to the occupancy of the building, he will find, in most cases, that the shrinkage of timbers and flooring produces in the course of years the most evident, as well as the most incurable, blemishes in the building. Most of the hearths, if of brick or tile, will, in half a decade, be found badly cracked, through the shrinkage of the header supporting the trimmer arch. This shrinkage, which affects the width, as well as the height, of the heavy timber, allows the front of the trimmer arch to move forward and downward, generally cracking it, and causing the front portion to drop below the part attached to the chimney; and, in consequence, causing the disruption of the finished hearth supported by it. Beside this, cracks in the plastering will be seen to radiate from the corners of the door-frames, due to the shrinkage of the studs around the doors; the bases will show a border of unfinished wood, or sometimes a wide crack, next the floor, on account of the shrinkage of the floor-beams, and the consequent descent of the flooring below the line at which it was originally set; the risers of the stairs will show the same defect; or, if the treads have been ploughed into the risers, as is usually done in the best work, to prevent this result, some of the treads will probably be cracked, for the reason that, as the tongue on the treads has prevented them from following the stringers in their shrinkage, they have parted company with the stringers altogether, and hang suspended above them, held at the back by the tongue, and at the front by the riser below, and the weaker ones have given way.

THE cracks which time will have produced between the floor-boards are so obviously a consequence of the shrinkage of the boards as to need no explanation; but the effect of prolonged drying on wood sometimes has consequences which are not so easily explained. Heavy timbers often twist, in addition to shrinking, and the twisting may lift the flooring in places more than the shrinkage would allow it to sink. The occupants of a house that we know were for a long time annoyed, at certain seasons, by the rattling of the dishes in the dining-room. There was no trouble of the sort when the house was built, but it was not long before this tendency developed itself, and, in winter, any movement about the room caused the table to shake, and the dishes on it to clatter. The explanation of the matter was found to be that a long girder, which supported the middle of the dining-room floor, and rested on piers in the cellar, was, in the dry season, lifted, by warping, slightly away from the pier under the dining-room, and held the floor up like a spring. The strength of the spring was only just sufficient to keep the floor up, and the slightest impulse would set it vibrating, striking the top of the pier at every vibration, and, of course, causing an exasperating rattling of everything movable in the room. Such defects as this, which, moreover, are usually accompanied by cracking of the plastering, are sometimes difficult to trace, and the difficulty is increased by the fact that the symptoms are often intermittent, disappearing in summer, to recur when the furnace-fires are lighted in winter. Another malady, which is disagreeable, and often dangerous, declares itself only after the lapse of eight or ten years, and affects the marble-work of the building. If this is furnished with marble mantels, the shelf becomes loose; and if the pilasters have carved decorations, the carving falls off, and the pilasters themselves begin to lean out from the walls. Where the marble is used about the plumbing-fixtures, it is found that the wall-plates have separated from the walls behind them, and can be lifted away with the hands, if, indeed, they do not fall off on their own account; the basins show a wide joint between them and the underside of the slab, and brackets or ornaments, once firmly secured to the marble, are either loose or wholly detached. If marble floor-tiles have been laid in vestibules or halls, they can be felt to rock under the feet, and this rocking causes the corners to chip off; while the marble thresholds laid on the tiling break in two or three pieces. All this is due to the change in the plaster of-Paris, which is universally used for setting marble. So long as the plaster retains the water which it takes up in setting it is a comparatively tenacious substance, and will hold marble securely; but this combined water gradually dissolves in the atmosphere, and floats away, leaving the dry plaster as a pulverulent mass, which is of no further use as a cement, and soon releases the pieces which it originally held together, and must be replaced by fresh plaster, if the work is to be saved from disintegration.

THE law of Illinois providing for the examination and licensing of architects is to be put in force at once, and examinations of candidates are to be held for the first time on January 11 and 12, at Chicago, and on June 21 and 22 at the University of Illinois, at Urbana. Applications for examination must be made upon the printed form provided by the Board of Examiners, and must be filed, with a fee of fifteen dollars, at the office of the Secretary of the Board, at Room 1112 Chamber of Commerce Building, Chicago. If the application is made in due form, notice will be sent to the applicant of the time, place and extent of the examination, which will occupy two days. If the candidate fails to pass the examination, his fifteen dollars will be returned him; but if he passes, notice is sent to him, and he is required to pay a second fee, of twenty-five dollars, on receipt of which his license is forwarded to him. The license is for life, but is subject to revocation, for cause, by the Board of Examiners, and an annual fee of five dollars is to be paid, in July, during the time that the license is in force.

THE Galena Trust and Safety Vault Company, which owns the leasehold of the "sky-scraper" office-building known as "Fort Dearborn," on the corner of Monroe and Clark Streets, Chicago, has fallen into financial difficulties, and a receiver has been appointed for the property. It is said that

taxes and rent are in arrears, and complaint is made that many of the offices are vacant. The building is valued at six hundred thousand dollars, and contains a large number of offices, besides stores and banking-rooms. It is to be hoped that the Company may find a way out of its troubles, but, meanwhile, it would not be amiss for some real-estate broker, with a little leisure, to make notes of the conditions affecting office-buildings of this class. Of course, the financial skill and backing of the managers form an important element in the success of such an investment; but, independent of this, there is probably a traceable connection between situation, plan, arrangement and elevator service, and the number and character of tenants, and it would be an excellent thing for owners, architects and real-estate brokers to have this connection elucidated.

A HOUSE, in process of construction in Bremen, fell a few days ago, fortunately without injury to any person. The house was three stories high, and built with nine-inch walls, as the Bremen building regulations permit. As the materials used in the city are generally good, this thickness would generally be sufficient, but it appears, according to the *Deutsche Bauzeitung*, that the front wall was supported above the second floor by iron beams, which, in turn, rested on a single girder, supported, at the front of the building, on a hollow pier with only about two and one-half inches bearing on the brickwork. The bricks under the end of this girder were probably crushed by the load, for the pier fell in, letting all the iron beams fall, and bringing down the front of the building. The matter is to be made the subject of judicial investigation, although no one was hurt; and it will be interesting to see what the result may be.

THE National Sculpture Society, having been called in to judge the designs submitted for the Soldiers' and Sailors' Monument of Hudson County, New Jersey, has made, through the Committee appointed to examine the models, a report, which places first the design by Philip Martiny, sculptor, and Ackerman & Ross, architects, and recommends its adoption. The second place is awarded to the design by Charles H. Niehaus, sculptor, and Henry Bacon, architect; and the third to that by J. Massey Rhind, sculptor, and Arthur D. Pickering, architect. Thirty-nine designs were offered in competition, and the Committee speaks highly of their general excellence and interest. Although neither the Committee nor the Sculpture Society would wish to explain both the number and excellence of the designs by the fact that the Sculpture Society was to furnish the jury of award, there can be no doubt that this is the real explanation, and communities or associations that have in mind the spending of money for works of art, and who wish to get something of value for their money, will note that the way to do so is to make known to artists that their designs will be judged by persons whose award will command respect.

A REMARKABLE undertaking has been very quietly completed in Italy. From time to time, for the last forty years, the technical journals have given partial accounts of the work which was going on for draining the Lake Fucinus. This lake lies in a valley of the Apennines, some seventy miles southeast of Rome, and about one hundred and twenty from Naples. This valley, which is nearly two thousand feet above the sea, is entirely surrounded by mountains, so that it forms an enclosed basin, occupied partly by very fertile meadow-land, and partly by the water of the lake. Unfortunately, the proportion between the land and the water is very variable, so that, after a series of rainy seasons, the farms which had been tilled for years, and even the habitations of the farmers themselves, become submerged in the lake, to reappear, perhaps fifteen or twenty years later. The advantages of draining the lake, and reclaiming the sixty thousand acres or so of rich land which it covers, have been obvious for many centuries, and history represents the Æqui and Marsi, who inhabited the territory, as appealing to the Roman commonwealth, long before the imperial era, for aid in preventing the periodical inundations of the lake. In the time of Claudius operations were really begun in earnest by the central authority, and the skill and energy of the Roman engineers were sufficient to cut a tunnel, more than four miles long, partly through hard rock,

and partly through disintegrated ledges of the most dangerous kind, under the mountains to the little river Liris, which afforded an outfall to the sea for the lake waters. It has been supposed, in modern times, that this enterprise, on which the Imperial Government is recorded to have spent eighty million dollars, was abandoned before completion, but we now know that it was carried through successfully, and that it drained away the water of the lake until it became gradually choked by the fall of loose material, which the science of those days was insufficient entirely to prevent. Moreover, it has now been learned that the Roman engineers, when the tunnel was obstructed, either just before or soon after completion, by a great fall of loosened rock from the roof into it, started again, with characteristic Roman perseverance, and cut a tunnel around the obstruction.

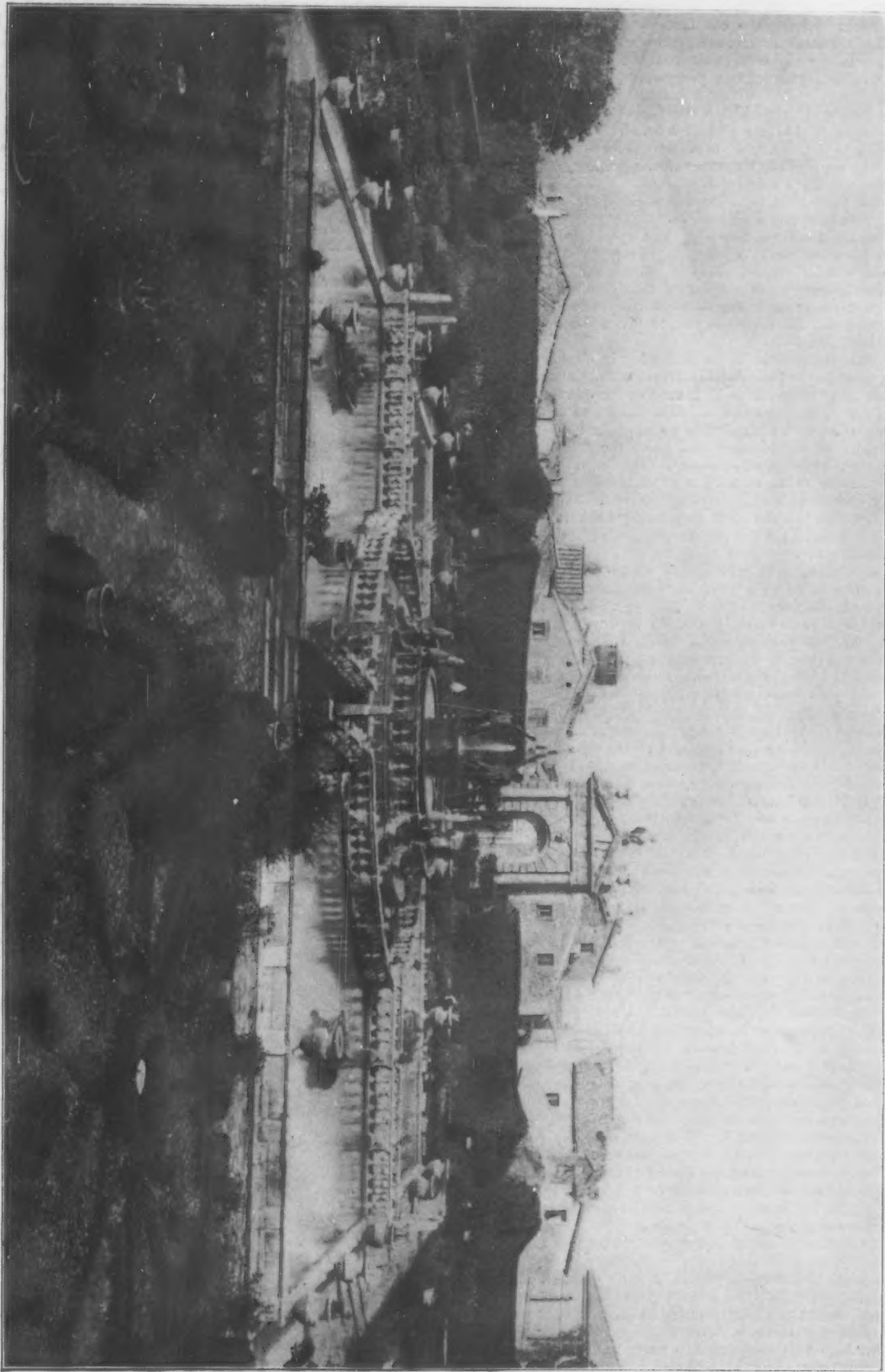
IN the course of ages, the accumulation of stones and rubbish so completely interrupted the flow of water that the tunnel was practically useless, and the periodical rise and fall of the lake waters became as troublesome as ever. Attempts were made by some of the Popes, and by one or two of the Kings of Naples, to provide drainage, but they ended in nothing. At last, some fifty years ago, a company was formed, the capital of which was subscribed in England, to carry out drainage works, and English engineers were sent to study the problem; but, after a few trials, the difficulties of the enterprise were found so great that operations ceased. Then Prince Torlonia, a rich banker of Rome, who was a large stockholder in the company, bought the remaining shares, and resumed the work on his own account. Three French engineers were employed, and under their guidance the labor of forty years has now been carried to a successful issue, and the waters of the lake pour through the tunnel, at the rate of forty-eight cubic metres per second, into the sea. A history of the work was published some time ago, which should have great interest for engineers, but the Torlonia family is said, for some unexplained reason, to have bought up all the copies in booksellers' hands. However, the main facts are well known. The French engineers began their work by measuring the inflow into the lake, and the capacity of the channel of the Liris, so that their tunnel could be proportioned to both, and the accuracy of their conclusions may be inferred from the fact that the tunnel, which is about fifteen feet in diameter, is filled to within eighteen inches of the top by the flow. In general, the new tunnel follows that of the Roman engineers, but it is much larger, the Romans having evidently no conception of the capacity required. Moreover, the Roman engineers did not possess instruments like ours, and the alignment of their tunnel was found to be irregular, sometimes falling below the true direction, and sometimes rising above it, so as to form a succession of traps. The formation, even where the rock is firm enough to keep in place without lining, is full of water-bearing seams, and the work was one of great difficulty and danger throughout. The Roman engineers had adopted a curious mode of lining, consisting in shoring the walls and ceiling of the tunnel with timber uprights and planks, and substituting by degrees concrete for the planking. As it was necessary to leave the uprights until the end of the operation, the concrete was filled in around them, and they were finally cut off, flush with the concrete surface. Of course, they soon rotted away, leaving holes, through which water and mud came freely, so that this ignorance of the properties of timber must have had much to do with the choking of the tunnel. The French engineers, of course, lined their work in the modern fashion, and there is every reason to believe that the present tunnel will endure for many centuries.

THE London *Daily Mail* learns that the sculptor of the famous silver statue of Miss Ada Rehan, which was shown at the Chicago Exposition, has been engaged to execute a statue of President McKinley for the Paris Exposition of 1900, the figure to be seven feet high, and to be made of solid gold. It is estimated that the value of the bullion contained in it will be more than a million dollars. The owners and exhibitors of this remarkable object are, our London authority tells us, certain "Western millionaires," who have formed a "syndicate" for the purpose of having it made. Whether the Western capitalists have devised this scheme from pure love of art, or whether they expect to earn interest on their investment by showing the statue to the curious, we are not informed.

THE GARDEN OF THE VILLA LANTE.

ABOUT forty miles to the northward from Rome lies the little hill-set city of Viterbo, one of the most picturesque and sympathetic towns in Italy, and famous for its many fountains and the remains of its beautiful Romanesque architecture.

in a curious fashion an interesting little village within its walls; this is evidently the nucleus of the town which, overflowing these narrow limits, has crept up the hillside to the Villa, the entrance to which is approached through a narrow street apparently laid out purposely at an angle to the main axis of the gardens — for it is not until half of the eleven steps at the gate have been climbed that the



Grand Basin in the Garden of the Villa Lante, Bagnaia, Italy.

Some eight or ten kilometres from Viterbo is Bagnaia, whose purple roofs cluster about the gates of the Villa Lante, which contains one of the loveliest of the Italian formal gardens. Coming into the town, the carriage crosses a little ravine over a bridge that leads one directly into the piazza. On the left is the Municipio, enclosing

view is presented to the visitor, with a suddenness that makes him feel the surprise intentional.

First lies the level flower-garden with the great fountain in the centre, farther back the ramps between the pavilions, and then the other terraces, rising to where a tiny leaping thread of water

shows white against the woods. And the levels are so well arranged that all the intervening basins and fountains can be seen, from the gates, framed between the black figures that crown the lowest.

The terraces are artificial and are built upon the original grade instead of being excavated from the hillside, so that the gardens dominate the park at almost every point, touching the general slope only at the upper sides. The pavilions, the right-hand one for the family, that on the left for the guests, are entered from the level of the first terrace; opposite the entrances of the pavilions, in the retaining-wall of the next terrace, are grottos with figures in stucco.

The loggias in the basements that front the flower-garden have on their vaults curious paintings in perspective, now partially obliterated.

The villa belonged originally to the Bishops of Viterbo. Cardinal Riario began in 1477 to embellish it, and this work continued under Ridolfi, fifth Cardinal-bishop. His successor, Guatieri, however, could not support the expenses of the property and leased the house and gardens for a long term.

Toward the year 1564, Gio. Francesco Gumbara, sixth Cardinal-bishop, completed the unfinished works.

The place passed into the hands of the Popes, Cardinal Peretti or Montalto, nephew of Sixtus V becoming its proprietor, about 1588. He built the second casino. Finally, Alexander VII ceded the villa to Duke Bommarzo, of the Lante family, whose descendants, with great good nature and charming courtesy, admit foreign visitors at any time, and the townspeople are given the freedom of the grounds on feast days.

My first visit chanced to be on a Sunday in January and there were many *contadini* in their holiday dress strolling about and giving the place the note of vivid color it needed, for January is a sober month in Italy. The beauty of the villa and its value as a study of the Italian garden in its best estate so impressed me that I determined to return in the summer and make the drawings to which these notes serve as an accompaniment. The formal portion seemed to be very valuable as an indication of what might be done with a comparatively small area of gently sloping land. This part is beautifully kept up with just the right note, being neither prim nor neglected, so that it possesses the peculiar charm of old places still in daily and familiar use.

The Villa d'Este, with which this villa might be contrasted, equally beautiful in its own way, has been suffered to run wild—the trees and shrubs overhang and partially obstruct the paths and the roses are lost in the high grass. It is wonderfully lovely but very melancholy, and yet one would hardly wish it otherwise, illogically enough; but logic is swept away in a review of one's impressions of these Old World gardens. Nevertheless one is glad that there is a villa to be studied where he may see what a place properly taken care of may be.

But my choice pitched upon the garden of the Lante rather than upon the one in Tivoli, because the latter, lying upon an exceedingly steep hillside, has less bearing than the other upon ordinary problems of this kind. The slopes upon which the formal garden of the Villa Lante is built are much more gentle and the supply of water feeding the fountains is much less generous. The architect of the Villa d'Este levied upon one of the many torrents that tear their way through the hills of Tivoli. But at Bagnaia, the clever way in which a stream but ten inches wide and four deep, moving at a fairly rapid rate, can be distributed and used for its utmost effect is very instructive. The water is brought from the hills over a little viaduct and falls in a cascade into the semicircular recess between the two little summer-houses on the uppermost level. It then rises into the fountain set within the high octagonal enclosure of clipped box. This fountain is skilfully contrived with small basins that serve as reservoirs to restore some of the head. From here it is led underground some feet and gushes out again to race down a curious conduit made to simulate a strange kind of crawfish, over a shell held between the fore-claws of the monster in another waterfall to a semicircular basin where two colossal water-deities recline. Formerly, the basin-rim and the balustrades and staircase-ramps at this point had jets and spouts of water and must have been most effective, but these are now disused. The tops of the balustrades are hollowed into conduits and the pedestals into reservoirs for the mouths on their fronts. On the level of this basin is another reservoir, some fifty feet long, into which the water rises again and gathers head for the next fountain,—a charming one, circular in plan, in two levels, so that the lower one repeats in a convex curve the many little jets of the concave upper portion,—and is seen no more till it spouts up in a splendid column and plays against the device of the Albani family held over it by the virile figures that dominate the flower-garden, and then is led through the balustrades to find a placid resting-place in the great square basin, except where cherubs seated on the prows of little stone galleys laden with growing flowers blow up a slender spray.

Beyond the high wall enclosing this parterre at the left and on a lower level is a large elliptical basin with caryatides against the retaining-wall.

I made no special study of the less regular portions of the villa and retain only the impression of glimpses down long straight vistas in the woods to little fountains, and winding paths that lead one past stagnant reservoirs where great Tritons vainly try to blow conch-shells choked up with weeds and moss. A little shrine in the hollow of a tree with a crucifix and a picture of Our Lady, with little offer

ings of fresh flowers and a tiny lamp alight, is also remembered as effective.

I have spoken of the beauty of the place in January when a blue haze veils the hillsides that dip downward to the plain, but if it is lovely then in a somewhat pensive and melancholy way, it is ravishing in summer, in full August, when the lower garden is bursting with bloom and riotous in color: geraniums and other gay plants are set upon the balustrades that surround the fountain, the flower-beds are aglow, and great pots of white and pink and lavender hydrangeas are placed up on the terrace and shine out against the shadows of the plane trees.

Evidently a formal garden need not be an arid desert, but a spot full of cool and shady places,—one large sunny area for flowers, with clipped yews, and orange and lemon trees set formally in boxes, but the rest all overhung by great trees and refreshed by the sound of falling waters.

HAROLD VAN BUREN MAGONIGLE.

A MEXICAN OBJECT-LESSON.

SOME years ago—so many in fact that most people have forgotten the incident about to be related—Mexico made more than the usual amount of preparation for the celebration of *el diez y seis de Setiembre* (the 16th of September), which is recognized as the birthday of National Independence. In the capital, the most prominent features of the street decorations were four triumphal arches, erected in that succession of streets in direct line (it is a characteristic of Mexican streets that they change their names with each block, so that what we would call a single street is there a succession of streets) between the Zocalo and the Alameda. Of these, one was erected by the American Club, and another was contributed by the French residents of the city; neither of which requires any comment.

The third arch was the production and contribution of the Indian gardeners of Ixtacalco. It was composed entirely of the vegetable products of the boggy soil of what in earlier days were the Chinampas, or floating-gardens of Lake Texcoco. These vegetables were ingeniously gathered into bouquets and fastened to a large frame of bamboo. The entire work was completed in Ixtacalco, brought to the city in canoes, carried through the street upon the shoulders of barefoot Indians and set up in place, in the most matter-of-fact way. The scene suggested the manner in which, centuries ago, huge monoliths were quarried and carved in distant mountains, brought into the pueblo of Tenochtitlan, and placed in the temples, to the perpetual wonder of future ages, who cannot understand how a people without mechanical appliances could accomplish such tasks. The arch from Ixtacalco attracted attention by reason of its oddity rather than for any beauty it possessed.

The fourth arch was supposed to be the city's own contribution to the decorations. Where the Calle Puente de San Francisco emerges upon the Avenida de Juarez, at the southeast corner of the Alameda—a most conspicuous place—workmen began its erection a week before; and with characteristic deliberateness, they labored upon it up to six o'clock on the eve of the great national *fiesta*, but, to all appearances, without completing it. All the while it gave promise of a very chaste, Classic design. Doric columns were to support an entablature whereon were inscribed words significant of the "Economic and Industrial Arts and Enterprises" of Mexico.

On the morning of the 16th, in its unfinished state, it looked as though an earthquake had overtaken it: a rough post propped up the entablature; other parts were held together by ropes; a few portions of the design lay strewn about the ground where the workmen had left them the evening before. The effect of the whole street was marred by this unfinished arch. And when the procession passed down the street one of the floats bearing a tableau of "Progress" was found to be too broad to go through the arch, and had to turn down a side street. Every one who viewed the street decorations, looking at this incomplete arch, exclaimed "What a pity!"

The next day the workmen began to remove the unfinished arch, and then it was discovered that a joke had been perpetrated. The "Economic and Industrial Arts and Enterprises" of Mexico as they then were (they have worn a brighter aspect since) had been intentionally represented in that incomplete structure—promising well in the inception, but failing to fulfil its promise; having to be propped up and tied together, and so narrow as to block the wheels of "Progress." The designer of the arch—some humorist of the San Carlos Academy of Fine Arts—had put forth a parable, which, to have written or spoken publicly, might have cost him his liberty.

L. VIAJERO.

FORGERIES AT SOUTH KENSINGTON.

THE increase in the number of connoisseurs has led, among other effects, to a more exact scrutiny of the contents of museums and picture-galleries. Works which formerly were admired are regarded with suspicion. It is now, for example, doubted whether any museum in Europe possesses a genuine work by Benvenuto Cellini. "Lermolieff's" observations have not only created misgivings about the Italian works in Munich, Dresden and Berlin, but about those in

other galleries. As for the recent additions to the Louvre collections, they are accepted as excellent subjects for the exercise of French wit.

Visitors to the South Kensington Museum were aware that from time to time objects were withdrawn from exhibition or, if retained, were presented to notice under new labels. During Dr. Middleton's reign as art director a considerable number of forgeries were removed from the cases in the Museum. It was anticipated, therefore, that in the course of the recent inquiry by the select committee appointed to report on the administration and cost of the South Kensington and other museums of the Science and Art Department there would be many revelations about the fallibility of the officers and advisers by whom purchases of objects were effected. It cannot be said that the subject was exhausted, for in many cases only suggestions of fraud were given, but some of them are remarkable. They bear out the assertion of Sir J. C. Robinson: "When I retired from office a period of decadence and confusion ensued, and for years the conduct of the institution, especially as regards the nature of the acquisitions currently made, sank lower and lower, until the state of the Museum became a by-word of reproach to all persons of real understanding in art." . . .

The circumstances under which another strange work, the Molinari Gateway, was acquired are described by Mr. Thomas Armstrong as follows:—

"I saw it set up against the wall of the large space in front of Santa Maria delle Grazie at Milan, and was very much struck with it. I heard about it in the town, and saw the owner, and for some time we were negotiating with him for the purchase. The owner was a certain Molinari of Cremona, who was an innkeeper and dealer in works of art. I had heard from other sources where it had come from. Molinari told me he knew an architect, who was very clever indeed, then dead, who had studied very closely the façade of the Church of the Miracoli in Brescia, of which this work is supposed to be an imitation; that he was a man of great genius, and that he had arranged or adapted this thing, and that there was a great deal that was new in it. I may say that Molinari was very old then, and that this had happened long before, and the gateway had been lying where he had sold or tried to sell pictures close to the church there. He did not disguise the fact that many portions of it were new. We bargained about it, and bought it for 60*l*. I afterwards saw a man who said he had made the whole of it. I believe he qualified that statement afterwards, and pointed out the few pieces which he said were ancient. I may tell the committee, however, that this gateway is about 20 feet wide and 25 feet high and weighs tons, and that it is hardly natural or likely that any person would on speculation make a thing of this kind, which could not be bought by any private person except some monarch or prince who was building a very magnificent palace, and could hardly be admitted into any museum except ours. This carver is a very clever man; I do not think I need advertise him by giving his name, but he is a most skilful carver, and he has probably done certain parts of the work. It is very difficult to tell which are the parts. All the parts which he claims certainly were not done by him, and I may also point out that if the restoration had been on anything like the scale claimed by this carver, he might have restored the cornice, which is very important—so important that I have often thought myself that I should like to have put up a piece of it restored to show what it was like when complete."

From the evidence of Sir J. C. Robinson the doorway is mainly a modern work. The following account of it by him is a further revelation of an industry which has existed for more than a century in Italy, and of which Englishmen are the chief patrons or victims:—

"In respect to this doorway, then, I beg leave to state that the year before Mr. Armstrong purchased it at Milan it had been offered for sale to the Museum and refused, and both he and Sir John Donnelly ought to have known that the correspondence and my report on the doorway were in the registry of the Department. Although Molinari, the Milan dealer, began by asking 1,000*l*. for the doorway, it was understood that it might at that time have been obtained for about 300*l*., for it had already been found to be quite unsalable. Mr. Armstrong, however, paid 600*l*. for it, and I should think the expense of transmission to England and its reerection at South Kensington must have brought the entire cost up to about 1,000*l*.; but the doorway would have been dear at any price, inasmuch as it is an overt fraud, such, indeed, as no person having even the most rudimentary knowledge of Italian fifteenth-century sculpture could have failed to perceive. The doorway is, in fact, a spurious modern 'make-up' by an ornamental sculptor who was living at Brescia, one Pietro Faitini, well known for his imitations of Italian Renaissance sculpture. I have here a letter from this man showing the exact state of the case. This letter is in the Italian language, and perhaps I had better read a translation:—'Brescia, December 28, 1885.—I, the undersigned, declare that the doorway sold by Mr. Molinari, of Cremona, to an English gentleman of London, was acquired at Ghedi, in the province of Brescia, and was the property of Mr. Bondella. The said doorway was in the old feudal castle of the Counts of Pitilono. The ancient ornamental parts were the basements, which consist of trophies, the two impostes of the arch and two capitals; all the rest of the doorway is my work except six medallions. In confirmation, believe me, Pietro Faitini.' I may say that I have verified the exact truthfulness of this account, and that I am quite ready to point out all the details in question in presence of the work itself. Faitini,

or his employer, Molinari, got possession of some mutilated portions only of an original sculptured doorway from a ruined castle in the mountains near Brescia. The fragments were made use of in the composition of a new doorway of very different design from the prototype—that is, by the addition of new details on a larger scale invented by Faitini; but this is not all: other details of ancient origin, but taken from entirely different sources and of different dates and discordant styles, some of them as late as the end of the seventeenth century, were got together and mixed up with the new work. In short, I believe, as it stands, at least three-fourths of the structure is modern, and a further portion of fragmentary and discordant ancient work. I consider this doorway an imposition on the public, and that it ought forthwith to be dismantled and removed from the Museum." . . .

We have said enough to serve as a warning to those who are ambitious to set up as collectors or as connoisseurs. "Antiques" are not always survivals of a past age, and no matter what enthusiasts may say, ancient art of all kinds can be imitated with a fidelity that will deceive the most knowing. As the late Lord Lytton wrote: "A thoroughly competent connoisseur is one of the rarest things in the world; rarer, perhaps, than a great artist. And a connoisseur who is not only a competent judge but a competent purchaser, who thoroughly understands the marketable as well as the intrinsic value of such things, is still rarer. The sort of knowledge required in that capacity cannot be obtained from books. To possess it a man must have personally visited nearly every corner, or must personally have known nearly every dealer, in Europe. And to such knowledge he must add a highly trained taste and judgment. If he possesses all these qualities, it is clear that by exercising them on his own behalf he can easily make, if he pleases, an income much larger than any salary which any government could afford to pay him; and therefore, to secure his services, the government should be able to offer him some inducement which, to a man of refined feeling, would be stronger than money."

Vendors of "antiques" were to be excused if they imagined that the militarism of the museums of the Science and Art Department facilitated the disposal of shams. How far they succeeded will never be revealed, but, as Sir J. C. Robinson says, "elimination" of many of the treasures is desirable. The forgeries may become an obstacle to the completion of the South Kensington Museum, for, as the same authority suggests it is wiser to ascertain what is worth preserving before any builders are called in, the committee are not unlikely to follow his advice in their recommendations.—*The Architect*.



DELAYS.

DAMAGES for Delay in Building Contracts.—It is usual to provide in building contracts that damages shall be deducted in case of delay in their performance, and the construction to be given by the courts of such clauses is one of importance to the investor and the contractor, as well as the architect, who generally prepares the contract. A recent decision on this subject may, therefore, be of interest to our readers and we give the substance below.

It was provided in the contract for the construction of a residence that the builder, in case of non-completion of the house by a given date, should pay ten dollars for each day's delay. The Court said: "The question to be settled is, was the agreement to pay the damages specified a provision for a penalty or for liquidated damages?" There has been some conflict of authority on this question, each case, however, necessarily being decided with reference to its own particular circumstances and the particular language of the contract. We are satisfied, however, that the overwhelming weight of authority sustains the contention that this contract provides for liquidated damages. There is nothing inequitable in the terms of this provision. The amount does not seem to us to be excessive or unreasonable. It does not provide for the payment of a sum in gross on a failure to comply with the contract at the expiration of the limited time, but the damages accrue according to the length of time the breach continues; and, again, there is an element of uncertainty as to the real damages which would be sustained by the owner which render it more or less impracticable to be determined by a jury. Values or rents are fluctuating, and dwelling-houses of the character and description of this one are ordinarily not built for rent at all, but for the convenience and comfort of the owners; and, inasmuch as the parties saw fit to settle in advance the question of damages, and it seems to be on equitable basis, we do not feel justified in disturbing that contract, and holding that it was a contract which the parties had no right to make. These views are confirmed by the following cases:—

In *Cothead vs. Talmage*, 9 N. Y. 551, it was held that: "Where the damages resulting from a breach of an agreement are in their nature entirely indefinite and uncertain, and the parties have mentioned a specific sum as liquidated damages, such sum will be regarded as damages, and not as a penalty, unless the amount be greatly disproportionate to any probable estimate of the actual damages." To the same effect is *Ward vs. Building Co.* (N. Y. App.), 26 N. E. 256.

In *Dwinell vs. Brown*, 54 Me. 470, the Court, in the course of its

remarks sustaining the provisions of a contract similar to the one above, said: "The parties themselves best know what their expectations are in regard to the advantages of their undertaking, and the damages attendant upon its failure; and when they have mutually agreed upon the amount of such damages in good faith, and without illegality, it is as much the duty of the Court to enforce that agreement as it is the other provisions of the contract. It is not for the Court to sit in judgment upon the wisdom or folly of the parties in making a contract when their intention is clearly expressed, and there is no fraud or illegality. No judges, however eminent, can place themselves in the place or position of the parties when the contract was made, scan the motives and weigh the considerations which influenced them in the transaction, so as to determine what would have been best for them to do, who was least sagacious, or who drove the best bargain. Courts of common law cannot, like courts where the Roman law prevails, award such damages as they may deem reasonable, but must allow the damages, whether actual or estimated, as agreed upon by the parties. The bargain may be an unfortunate one for the delinquent party, but it is not the duty of courts of common law to relieve parties from the consequence of their own improvidence, where the contracts are free from fraud and illegality." The same doctrine is announced in other cases that might be cited.

Rent Recoverable for Delay.—For delay in construction of a building on a party's lot, caused by another's delay in removing his building so far as it overhung the lot of the first party, the net rental value may be recovered; construction having been contracted for and commenced, and the building having been rented in advance, from a certain time, for a definite period, at a specified rent.

[*Burruss vs. Hines* (Sup. Ct. Va.), 26 S. E. Rep. 875.]

Measure of Damages for Prevention of Performance.—The measure of damages for the breach of a building contract by the owner in preventing the contractor from the performance is the difference between the contract price and the amount it would have cost such contractor to perform it, including as a part of such cost the reasonable value of his own time that would have been occupied with it.

[*Joske vs. Pleasants* (Tex.), 39 S. W. Rep. 586.]

Liability of Owner for Delays of Architect.—If the architect employed by the owner to superintend the erection of a building, who is to direct the work, and is by the contract made the arbiter of its proper performance, delays the contractor unreasonably in his work for the benefit of the owner and other contractors, and by allowing such other contractors to obstruct the work, renders it necessary for the contractor to do his part in an unusual manner, which adds largely to the cost, the owner is liable to such contractor for the loss resulting.

[*Genovese vs. Third Ave. R. Co.*, 43 N. Y. Supp. Rep. 8.]

BOOKS AND PAPERS

DR. GEORGE VIVIAN POORE, who is already well known from his writings on the subject of hygiene, has published a little book¹ on dwelling-houses which contains some interesting information about a good many other things than dwelling-houses. For us Americans, in fact, English applied sanitary science is so utterly impracticable that the books which teach it are hardly more than curiosities. Some of our readers probably could tell distressing stories of experiments with English "disconnecting traps" in the climate of New York or Massachusetts, and of the mass of ice which choked them up all winter long; and Dr. Poore's model arrangement for house-drains, in which the pipe, outside the house, is shown supported, high above the ground, on a sort of trestle-work, hardly seems a serious proposition to an American. However, the problems of final disposition of drainage matters are much the same here as in Europe, and Dr. Poore's experiments in sewage disposal are instructive. In general, he prefers dry methods for isolated country-houses, and gives descriptions and illustrations of his garden, fertilized with house-wastes. In making his experiments he has presented some details of the process of "humification" of refuse which are new, to us at least. It is well known that bacteria and fungoid organisms are expelled from the bodies of animals, often in enormous quantities, by the intestines, and Dr. Poore suggests that these organisms may play an important part in the conversion of the matters in which they exist into innocuous substances. In addition to the knowledge which has been gained of the action of living organisms in "nitrifying putrescent substances, modern vegetable physiology shows that many plants are incapable of taking up nutriment from the soil unless the latter contains certain fungi, which seem to prepare the food in an assimilable form for the more highly organized forms. Azaleas and rhododendrons, to take a familiar example, will not grow well unless leaf-mould is mixed with the soil. Now leaf-mould has very little nutritive quality, but it is loaded with the spores of fungi, and it appears that its use in promoting the growth of the "hard-wooded plants" is, practically, to fill the soil

¹ "The Dwelling-house": by George Vivian Poore, M. D., F. R. C. P. Illustrated. London and New York: Longmans, Green & Co., 1897.

with the fungoid growths, which enable, in some way, the threadlike roots of these plants to assimilate the food around them. In the same way, leguminous plants are found to flourish in proportion to the number of fungoid excrescences which appear upon their roots, and, when such plants are removed, the old roots left in the soil are found to render it fertile for other crops. That these vivifying fungi are far more abundant in well-manured soil is easily demonstrated, and the connection between the fungi of animal wastes and those which serve the needs of plants may be very close.

A GREAT BUDDHIST RUIN IN JAVA.

MISS E. R. SCIDMORE has written for the *Century* an interesting account of a visit to the Buddhist ruins in Java. She says of the great temple:—

"A gray ruin showed indistinctly on a hill-top, and after a run through a long, arched avenue we came out suddenly at the base of the hill-temple. Instead of a mad, triumphant sweep around the great pyramid, the ponies balked, rooted themselves past any lashing or "Gr-r-ree-ing," and we got out and walked under the noonday sun, around the hoary high-altar of Buddha, down an avenue of tall kanari trees, lined with statues, gargoyles, and other such *recha*, or remains of ancient art, to the *passagran*, or government rest-house.

"The deep portico of the *passagran* commands an angle and two sides of the square temple, and from the mass of blackened and bleached stones the eye finally arranges and follows out the broken lines of the terraced pyramid, covered with such a wealth of ornament as no other one structure in the world presents. The first near view is almost disappointing. In the blur of details it is difficult to realize the vast proportions of the twelve-century-old structure—a pyramid the base platform of which is 500 feet square, the first terrace walls are 300 feet square, and the final dome rises to a height of 100 feet. Stripped of every kindly relief of vine and moss, every gap and ruined angle visible, there was something garish, raw, and almost disordered at the first glance, almost as jarring as newness, and the hard black-and-white effect of the dark lichens on the gray trachyte made it look like a bad photograph of the pile.

"The temple stands on a broad platform, and rises first in five square terraces, enclosing galleries, or processional paths, between their walls, which are covered on each side with bas-relief sculptures. If placed in single line these bas-reliefs would extend for three miles. The terrace walls hold 436 niches, or alcove chapels, where life-size Buddhas sit serene upon lotus cushions. Staircases ascend in straight lines from each of the four sides, passing under stepped or pointed arches the keystones of which are elaborately carved masks, and rows of sockets in the jambs show where wood or metal doors once swung.

"Above the square terraces are three circular terraces, where seventy-two latticed *dagobas* (reliquaries in the shape of the calyx or bud of the lotus) enclose each a seated image, seventy-two more Buddhas sitting in these inner upper circles of Nirvana, facing a great *dagoba*, or final cupola, the exact function or purpose of which as key to the whole structure is still the puzzle of archaeologists. This final shrine is 50 feet in diameter, and either covered a relic of Buddha, or a central well where the ashes of priests and princes were deposited, or is a form surviving from the tree-temples of the earliest primitive East when nature-worship prevailed. The English engineers made an opening in the solid exterior, and found an unfinished statue of Buddha, on a platform over a deep well-hole, and its head, half buried in *débris*, still smiles upon one from the deep cavern. A staircase has been constructed to the summit of this *dagoba*, and from it one looks down upon the whole structure as on a ground-plan drawing, and out over finely cultivated fields and thick palm-groves to the matchless peaks and the nearer hills that enclose this fertile valley of the Boro Boedor—"the very finest view I ever saw," wrote Marianne North.

"Three-fourths of the terrace chapels and the upper *dagobas* have crumbled; hundreds of statues are headless, armless, overturned, missing; tees, or finials, are gone from the bell-roofs; terrace walls bulge, lean outward, and have fallen in long stretches; and the circular platforms and the processional paths undulate as if earthquake-waves were at the moment rocking the mass. No cement was used to hold the fitted stones together, and other Hindu peculiarities of construction are the entire absence of a column, a pillar, or an arch. Vegetation wrought great ruin during its buried centuries, but earthquakes and tropical rains are working now a slow but surer ruin that will leave little of Boro Boedor for the next century's wonder-seekers, unless the walls are soon straightened and strongly braced."

SOCIETIES

ENGINEERS' CLUB OF PHILADELPHIA.

AT the regular meeting, December 4th, a paper on the moving of the Pennsylvania Railroad Bridge over the Schuylkill River was presented by Mr. Joseph T. Richards, who illustrated his remarks by a large series of drawings and photographic views projected by the electric lantern.

The new span is a double-track deck Pratt truss, 235' 7" long, c. to c. of end pins, consisting of eleven panels of 21' 5" each, 25' 9" in depth, the trusses being spaced 19' apart, c. to c. The total weight of both spans, including floor systems and track as moved, was about 1,250 tons.

The old metal span was known as a Linville truss, being a double intersection, or Whipple, type. The method of renewal was to build the new span, complete, alongside of the old one, and move it in place and the old one out, between trains.

The preparations for moving all went on during the erection of the new span, so that by the time the latter was completed everything was in readiness for the interchange of the two spans. Six ordinary 85-pound track rails were laid in their normal position on substantial framing, reaching across the bridge seats, and upon them a nest of continuous rollers was placed. One hundred and thirty-six of these rollers were used under each end of the spans. The power to move the spans was supplied by four engines, so placed as to have a maximum capacity of 50 H. P. at each end of the bridge.

As there was a clearance of but 4" between the masonry and the top chords of the bridge, it was important that the two ends should travel at the same rate in moving the necessary distance of 27', and two recording devices were adopted to maintain this regularity.

Sunday, October 17, 1897, was set as the day for moving the bridge. An east-bound train passed over it at 2.57 P. M.; the track was broken at 2.58; both spans started to move at 2.59; the old span was moved out and the new one was in position at 3.01 and 28 seconds. At 3.08 the east-bound track and at 3.10 the west-bound track were connected ready for trains. No accident or delay of any kind occurred in connection with the operation.

At the close of Mr. Richards's paper a general discussion followed upon the subject of moving bridges and other framed structures.

ILLUSTRATIONS

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

MAIN STAIRCASE LANDING: CHICAGO PUBLIC LIBRARY, CHICAGO, ILL. MESSRS. SHEPLEY, RUTAN & COOLIDGE, ARCHITECTS, BOSTON, MASS.

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

SECTION THROUGH THE GARDEN OF THE VILLA LANTE, BAGNAIA, ITALY, AND VIEWS THEREIN. MEASURED AND DRAWN BY MR. H. V. B. MAGONIGLE, ARCHITECT, NEW YORK, N. Y.

THE sectional drawing here shown is one of the *envois* sent home by the author while holder of the Rotch Travelling-Scholarship. A description of the garden will be found elsewhere in this issue.

ROSE-WINDOWS: PLATE IX.

NOTRE DAME DE LA COUTURE, BERNAY, NORMANDY, FRANCE.

THIS church was mentioned in the last fragment of Professor Homer's account of the "Architectural 'Summer-School' Abroad."

THE UNION CHURCH, WORCESTER, MASS. MESSRS. EARLE & FISHER, ARCHITECTS, WORCESTER, MASS.

DESIGN FOR A CATALOGUE COVER. MESSRS. CONSTABLE BROS., ARCHITECTS, NEW YORK, N. Y.

U. S. GOVERNMENT BUILDING FOR THE TRANS-MISSISSIPPI EXHIBITION, OMAHA, NEB. MR. J. K. TAYLOR, SUPERVISING ARCHITECT OF THE TREASURY DEPARTMENT.

BRAMBER VILLAGE, ENG. DRAWN BY MR. D. A. GREGG.

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

A GROUP OF TOWERS AND TURRETS.

A GROUP OF HOUSES.

[Additional Illustrations in the International Edition.]

MAIN ENTRANCE: CHICAGO PUBLIC LIBRARY, CHICAGO, ILL. MESSRS. SHEPLEY, RUTAN & COOLIDGE, ARCHITECTS, BOSTON, MASS.

[Gelatine Print.]

DETAIL OF THE ROTUNDA: CHICAGO PUBLIC LIBRARY, CHICAGO ILL.

[Gelatine Print.]

A FULL description of this building and its decoration may be found in our issue for Oct. 2, 1897.

NEW UNITED PRESBYTERIAN CHURCH, EDINBURGH, SCOTLAND. MR. J. GRAHAM FAIRLEY, ARCHITECT.

MEMORIAL GALLERY: MINTERNE CHURCH, ENG. MESSRS. TENISON & THORNTON, ARCHITECTS.

PEW-ENDS AND SEATS: MINTERNE CHURCH, ENG. MESSRS. TENISON & THORNTON, ARCHITECTS.

A PRIVATE WATER-TOWER.



Water-tower, Primrose Park, Mt. Vernon, N. Y. Mr. Frank Marion Wright, Architect.

THIS water-tower is located at Primrose Park, Mt. Vernon, and is owned by Mr. J. Frank Wright, having been erected by him to supply water to the houses on his and neighboring properties. The plant now supplies about twenty families from an 8" 160 ft. well with water of excellent quality, as may be imagined. The well will yield fifty gallons per minute. Pumping-capacity of windmill is about eight gallons per minute.

COMMUNICATIONS

[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.]

CARTOUCHE ARCHITECTURE.

PHILADELPHIA, PA.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sir, — *Apropos* the current discussion of "cartouche architecture," it is interesting to note that the controversy is one of long standing, and time can scarcely be said to have added to its bitterness, as the following from Fréart's "Parallèle de l'architecture antique avec la moderne" clearly proves.

After lamenting the tendency of some of his contemporaries to dwell upon detail rather than upon mass in composition, under the mistaken idea that good architecture is determined by the former rather than the latter, he proceeds to these remarks (I quote from Evelyn's translation, as I have not access to the original): "These low and reptile souls, who never arrive to (*sic*) the universal knowledge of the art, and embrace her in all her dimensions, are constrain'd to stop there for want of abilities, incessantly crawling after these poor little things, and as their studies have no other object, being already barren in themselves, their ideas are so base and miserable, that they produce nothing save *Mascarons*, wretched *Cartouches*, and the like idle and impertinent *Grotesque*, with which they have even infected all our modern architecture."

Fréart, it may not be amiss to add, was a man of consideration at court and in the artistic world, and published his work in 1650—the year before Louis Quatorze attained his majority—when the tendency of the successors of the great artists of the Renaissance seems to have been clearly discovered by him.

C. FRANCIS OSBORNE.

AN ECHO CURED BY WIRING.

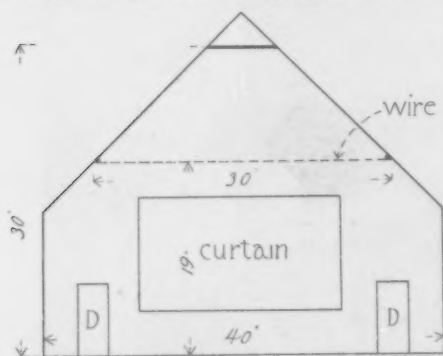
MEDFORD, MASS., December 10, 1897.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs.—It occurred to me that you might like to know of a successful experiment lately made here of destroying the echo in the Unitarian vestry by the method of wiring.

So little has been written by the authorities in favor of that method that this account may possibly be somewhat novel to many.

The hall of the vestry is 40' x 40' floor plan, and open up to near the peak of the roof, a distance in clear of perhaps 30'. Two trusses support the roof, being about 13' on centres, having purlins 6' or 8' apart, the rafters not being exposed but ceiled with plaster. The floor is of hard pine. At one end of the vestry is a rather high stage, and large curtain.



There are also three doors, and a side alcove for the library. The average speaker standing either in front of the curtain, or, more particularly, when at the rear of the stage, has always been

obliged to pay particular attention to clearness of enunciation not to say volume of tone, with the result that in many cases the audience has lost much of what has been said, and generally has had to listen intently.

The wires were stretched across, about 19' from the floor, between the purlins, making a span of about 30'. They were fastened by heavy screw-eyes, and "tuned up" so as to provide for any sag or temperature strains.

No. 17 annealed iron wire was used, costing about five cents per pound, 125' to the pound. Spacing near the stage was 1½" and elsewhere 3".

In the future, all spacing can be made 1½" if desired.

The theory is that the wires act first, as a ceiling, simply; and, secondly, that they transmit sound to the hard-pine purlin, and thence to the wall. The waves of sound are doubtless interfered with, as they travel to the roof, and are again interfered with as they return; with the result that any sound made, even with the room empty, quickly dies away, instead of being prolonged and echoed, as formerly.

So far as appearance goes, many people have come and gone without noticing the wires at all. There is no demand for the space they occupy. In case of repairs to trusses or roof, they can be unscrewed.

Total cost, labor and materials, \$21.10.

Yours truly, HORACE J. HOWE, C. E.



ROMAN CIRCULAR MONUMENTS.—The circular form was a favorite one with the Romans for their sepulchral structures of a more pretending class than ordinary. It will be sufficient here merely to mention those in honor of Augustus and Hadrian. The Tomb of Cæcilia Metella is a low cylinder, the height being only 62 feet, while the diameter is 90, and it may be considered as nearly solid, the chamber or cella being no more than 19 feet in diameter. This cylindrical mass is raised upon a square sub-structure, which combination of the two forms is productive of agreeable contrast, and it was accordingly frequently resorted to. The Tomb of Plautius Sylvanus, near Tivoli, consists also of

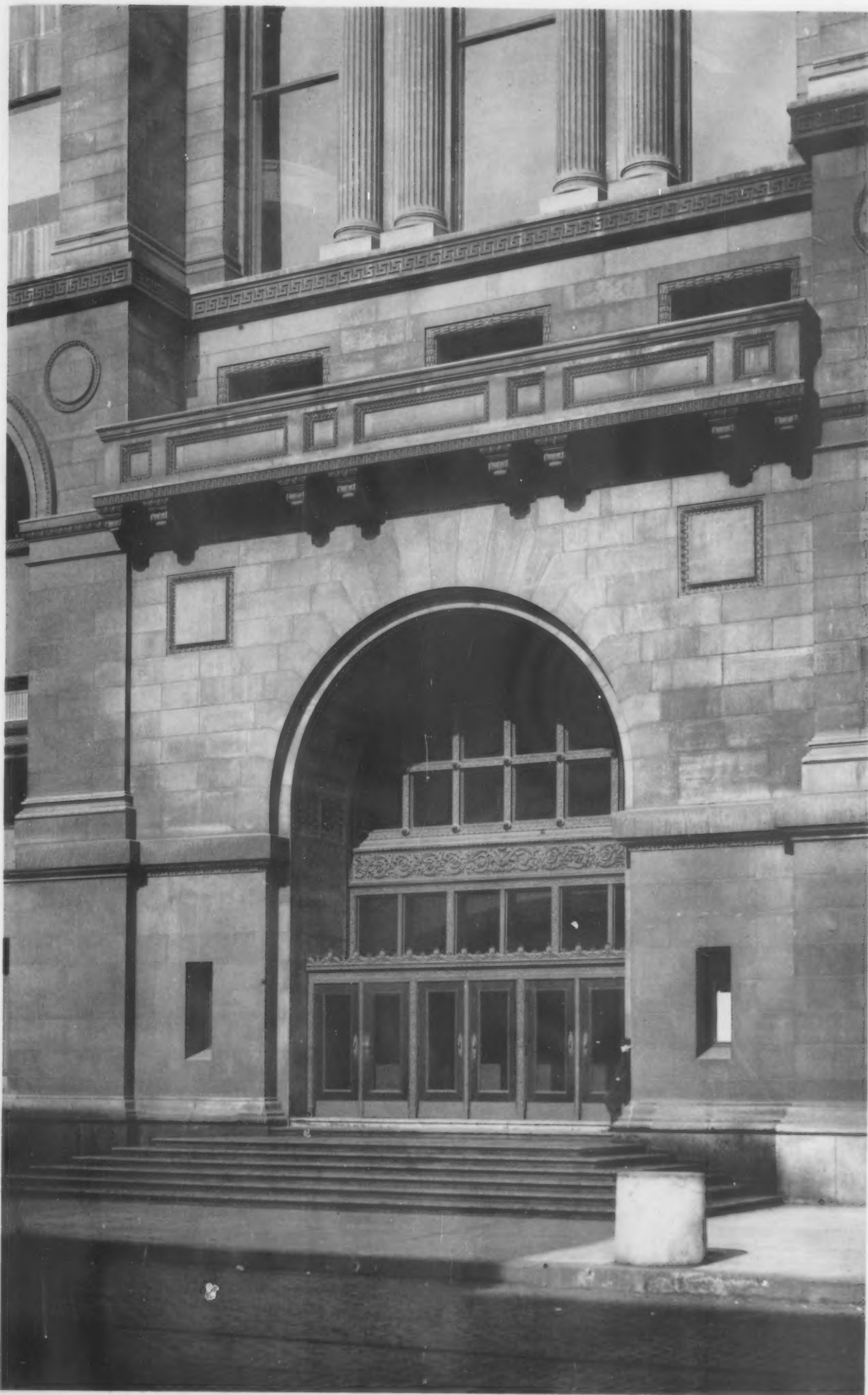
a short cylindrical substructure on a square basement, but is otherwise of peculiar design, one side of that stereobate being carried up so as to form a sort of low screen or frontispiece, decorated with six half-columns and five upright tablets with inscriptions between them. The Tomb of Munatius Plancus, at Gaeta, is a simple circular structure, of low proportions, the height not exceeding the diameter and therefore hardly to be called a tower, notwithstanding that it is now popularly called Roland's, or Orlando's, Tower. Of quite different character and design from any of the preceding ones is the ancient Roman sepulchral monument at St. Remi, which consists of three stages—the first a square stereobate raised on gradini and entirely covered on each side with sculptures in relief; the next is also square, with an attached fluted Corinthian angle and an open arch on each side, and the uppermost is a Corinthian rotunda, forming an open or monopertal temple (*i. e.* without any cella), the centre of which is occupied by two statues. As instances of other combinations we may briefly refer to what is called the Tomb of Virgil, near Naples, consisting of a square substructure surmounted by a conical one; to the Roman monument at Constantina, in Africa, conjectured to have been a cenotaph in honor of Constantine, the lower portion of which is a cylindrical structure surrounded by a peristyle of twenty-four Doric columns and carried up as a lofty cone in receding courses or gradini, leaving at its summit a platform for an equestrian statue.—*The Architect.*

THE OWNERSHIP OF DRAWINGS.—In his interesting review of Messrs. Macassey & Strahan's book on "*The Law Relating to Architects, etc.*" in the *Journal*, No. 19, Professor Kerr states that the authors approve the law as laid down by the Courts, that "the drawings belong to the employer." The question, however, has arisen: "When do the drawings (and what drawings) become the property of the employer? At what period can he claim them? Surely until a contract is completed drawings are the architect's tools. Presumably the claim is limited to contract-signed drawings; or can the employer claim all details supplied to the builder as the work proceeds? Can he claim them (a) the moment the contract is signed, or (b) when it is completed, or (c) at any intermediate point or period? Again, granted that the employer cannot demand the drawings until the completion of the contract, is he legally entitled to demand copies of drawings while the works are in progress, or is an architect legally justified in declining to give them? Professor Kerr [*F.*], to whom an advance proof of the above was submitted, writes: "These are questions for a lawyer; and he would very likely decline to give us anything like conclusive answers; but amongst ourselves, a practical man of experience would probably advise an inquirer to act on the following assumptions: (1) that all drawings of a practical character prepared in consideration of payment, or a promise to pay, are the property of the payor, even from the very commencement of their preparation; (2) that to call them 'tools,' or the like, only implies that in this kind of business, as in so many others, the tools are supplied by the master, who can at any time claim possession of them, even foolishly, subject perhaps to the law of lien, and of course to the law of responsibility; but (3) that any superfluous drawings are not the property of the ordinary payor, except in so far as he may possibly raise a question of copyright. After all, however, it is the good fortune of architects that such questions do not arise in the ordinary course of their business."—*Journal of the Royal Institute of British Architects.*

A BALLOON LOCOMOTIVE.—A mountain railway constructed on a novel plan is shortly to be opened on the Hochstaufen, near Bad Reichenhall, Bavaria. The chief feature of the new system is that the force of traction is directed vertically upward, being derived from a balloon. The latter has a diameter of 66 feet and a lifting power of 10,560 pounds. The balloon, car, net, ropes, etc., weigh 4,620 pounds, and an allowance of 3,300 pounds is made for passengers and aeronauts, leaving a margin of 2,640 pounds. A single rail is used for the sole purpose of directing the course of the train and keeping the balloon with its load captive. To this end the rail is made T-shaped, and the car runs on it, gripping it from the sides and from below. The rail is anchored to the ground at distances of about fifteen feet. In descending the mountain the propelling force is gravity, and the balloon acts as a check to prevent accelerated motion. A ballast of water, taken in at the top of the mountain, provides the additional downward force required. The truck carries the water receptacle, which can be opened by the aeronauts during the journey. The truck and receptacle together weigh about 600 pounds, and when there is no wind the receptacle carries about 1,100 pounds of water, making a total weight of 1,760 pounds. When it is windy the strain between the balloon and the truck is reduced by letting the water out of the receptacle, thus compensating for the difference in power. The difference in weight caused by passengers entering or leaving the car is regulated by the use of separate weights, a sufficient number of which will be kept at the several stations.—*London Times.*

EQUESTRIAN STATUE OF THE DUC D'AUMAÛLE.—MM. Tony Noël and Leduc have completed the model of the equestrian statue of the Duc d'Aumale, to be erected in the town of Chantilly. The Prince is represented as he was at the age of fifty-five or thereabouts, the time when he was commander of the Corps d'Armée at Besançon. The figure wears the uniform of a general of division. The model has already been submitted to the municipality of Chantilly.—*The Builder.*

WOOD-PULP BARRELS.—Among the later uses to which wood-pulp is being devoted is in the making of barrels and casks. In the past the great difficulty has been in the production of movable heads. By a plan just patented one head is molded in while the other is made to fasten by a series of keys. It is thought that by this process a very commendable barrel can be produced which, in a measure, will revolutionize the cooperage business.—*Northwestern Lumberman.*



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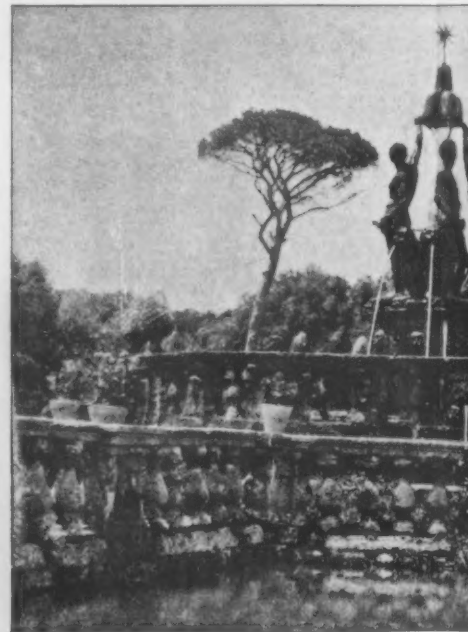
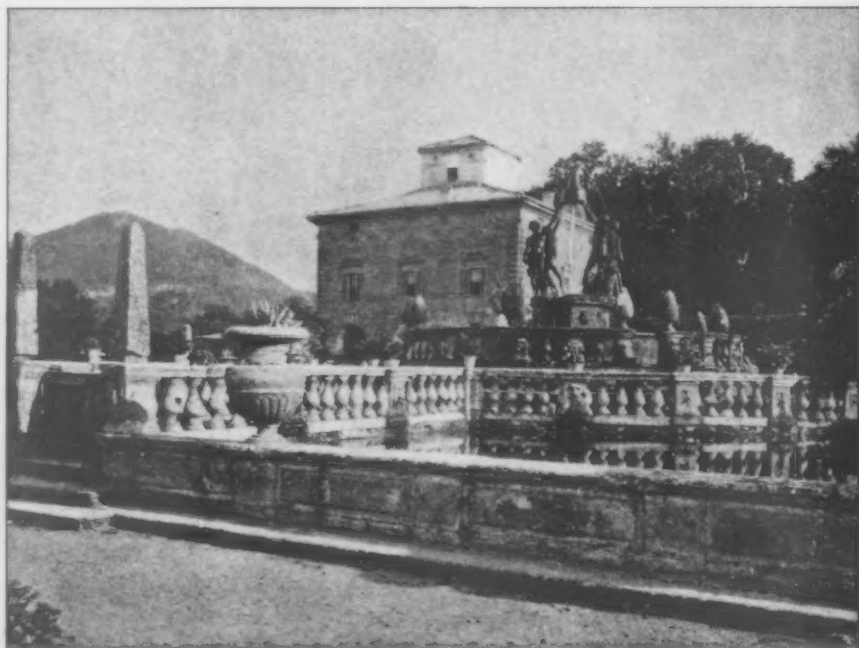
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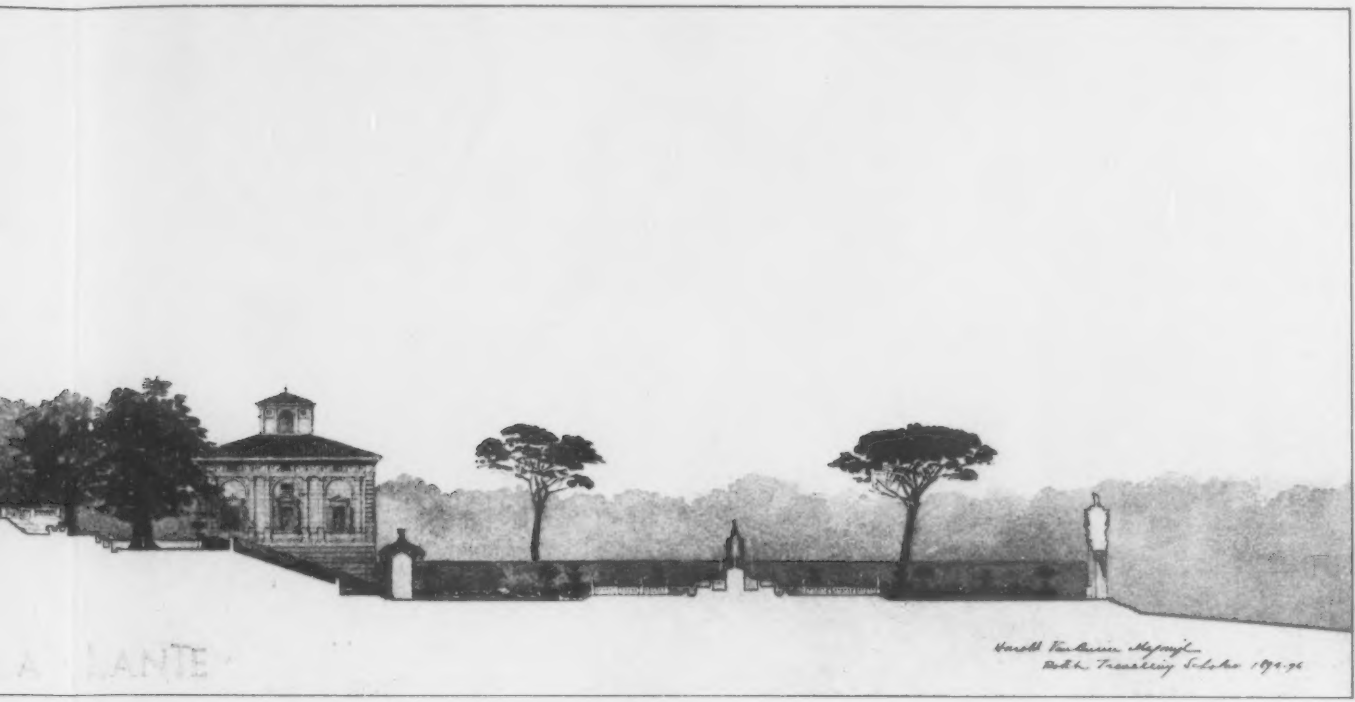


View from the hillside.

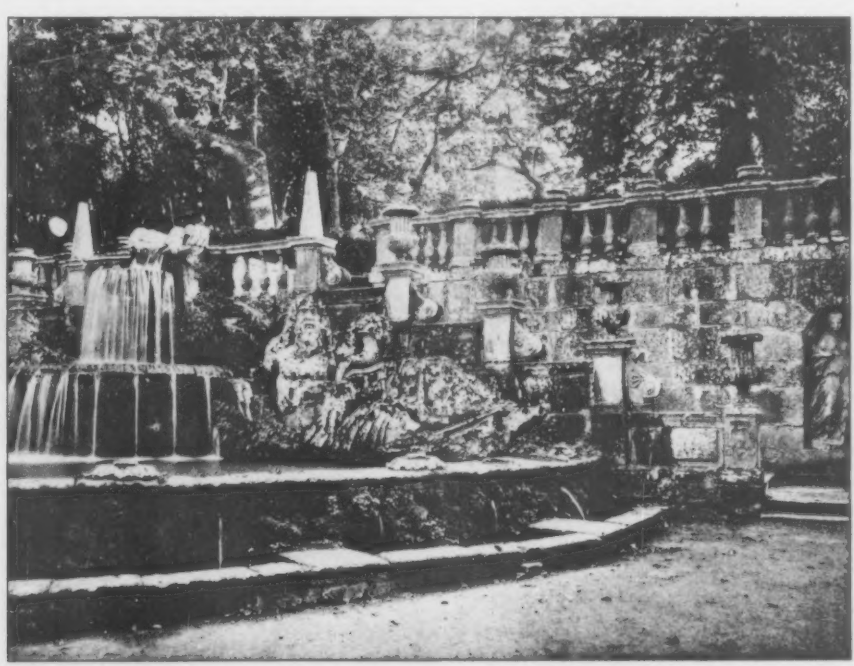
VILLA

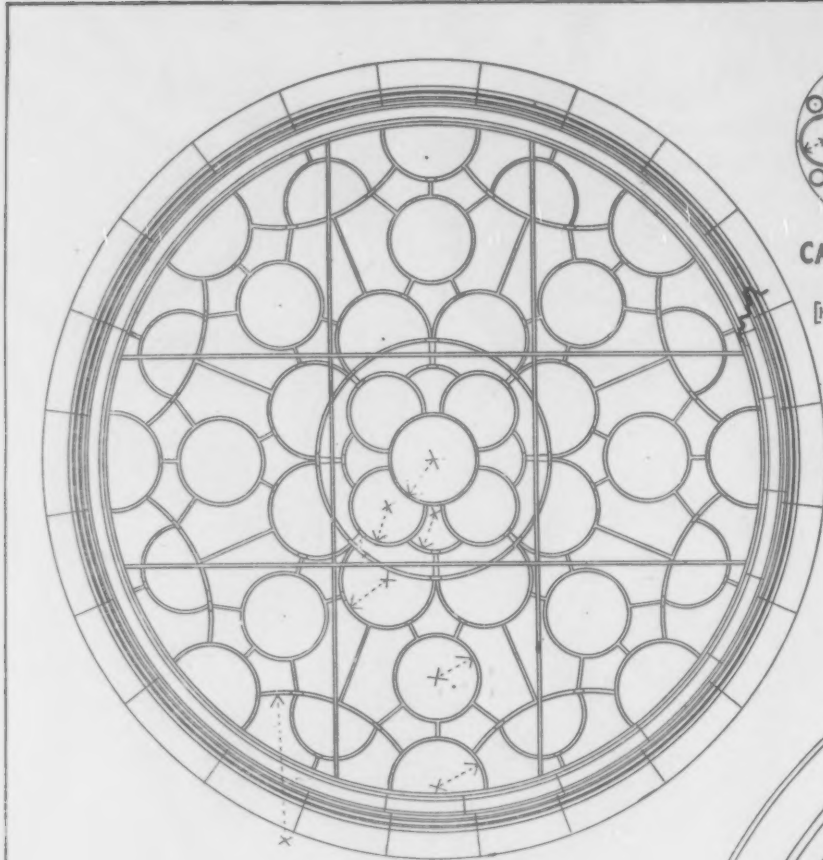
ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP.



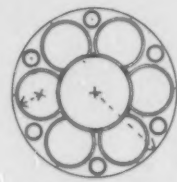


A LANTÉ





CATHEDRAL OF DIJON,
FRANCE
[14TH CENTURY WROUGHT IRON]
SCALE 0 1 2 3 4 FEET



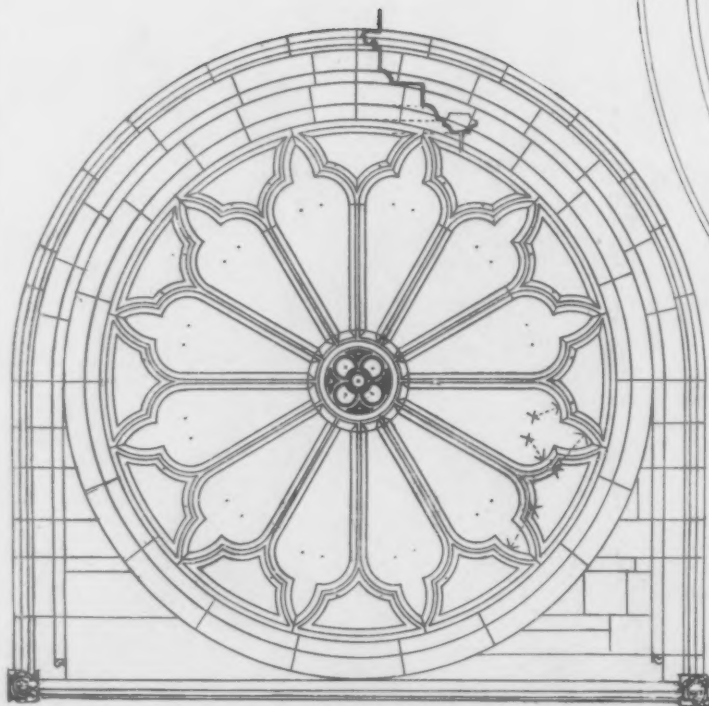
CATHEDRAL AT
LANGRES,
[HAUTE-MARNE]
FRANCE.



ST. STEPHAN, M.
GERMANY.



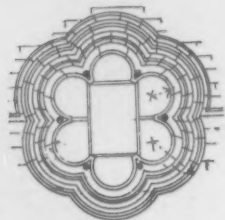
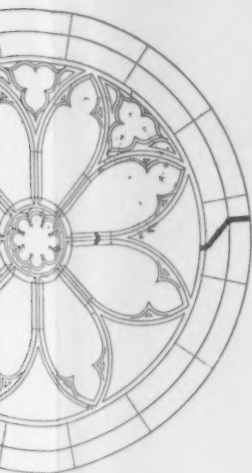
NOTRE DAME A.
BELGIUM.



ST MARY'S CHAPEL, WARWICKSHIRE,
ENGLAND.
SCALE 0 1 2 3 FEET

ROSE WINDOW

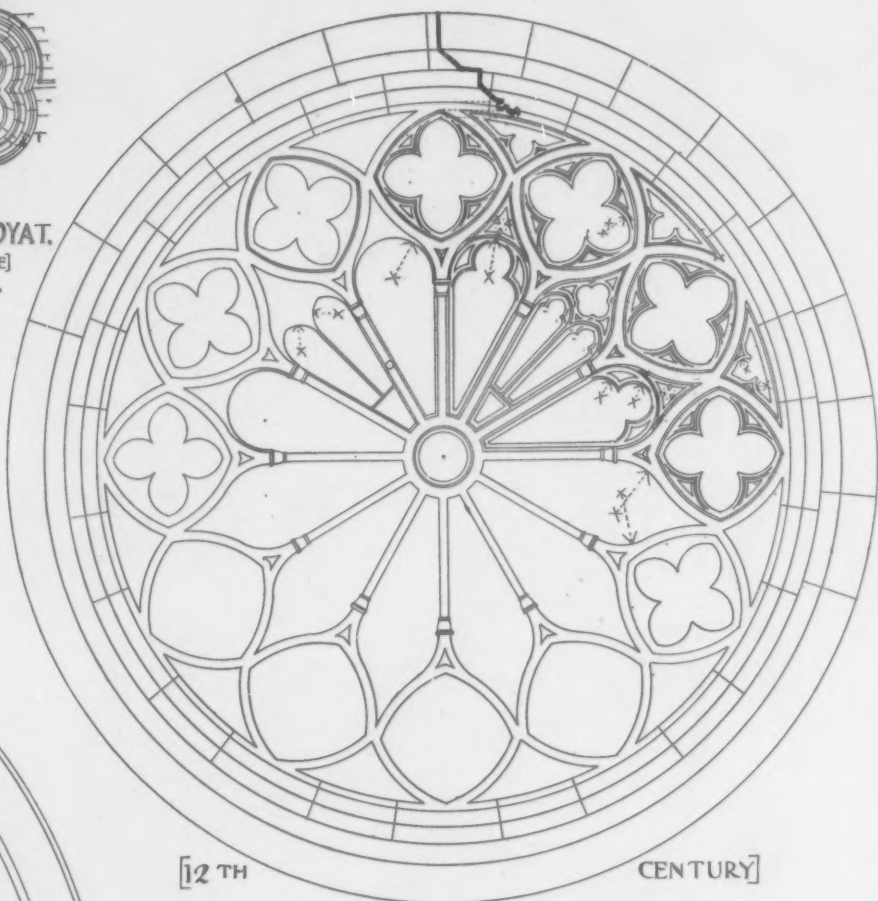
ING NEWS CO.



CHURCH AT ROYAT.
[PUY-DE-DÔME]
FRANCE.

PHAN, MAINZ.
GERMANY.

SCALE 1 2 3 FEET.



[12 TH

CENTURY]

CATHEDRAL OF ST. JOHN AT OSNABRUCK.
HANOVER.

SCALE 1 2 3 4 FEET

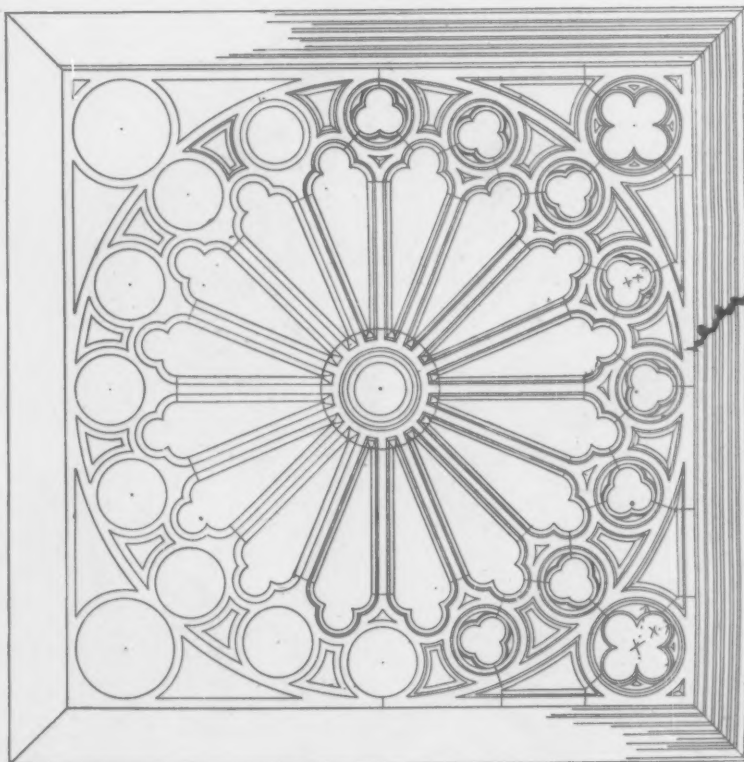


DAME A HUY.
BELGIUM.

SCALE 1 2 3 4 FEET

WINDOWS.

IX



MINSTER · FREIBURG.

SCALE 1 2 3 FEET.



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MINTERNE CHURCH: MEMORIAL WESTERN GALLERY TO THE LATE LORD DIGBY.

A. H. RYAN TENISON, A.R.I.B.A.,
EDWARD THORNTON, A.R.I.B.A., } Architects.



FRONT AND END OF LORD DIGBY'S PEW, MINTERNE CHURCH.



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NEW SEAT AND ENDS, MINTERNE CHURCH.

A. H. RYAN TENISON, A.R.I.B.A., } Architects.
EDWARD THORNTON, A.R.I.B.A., }

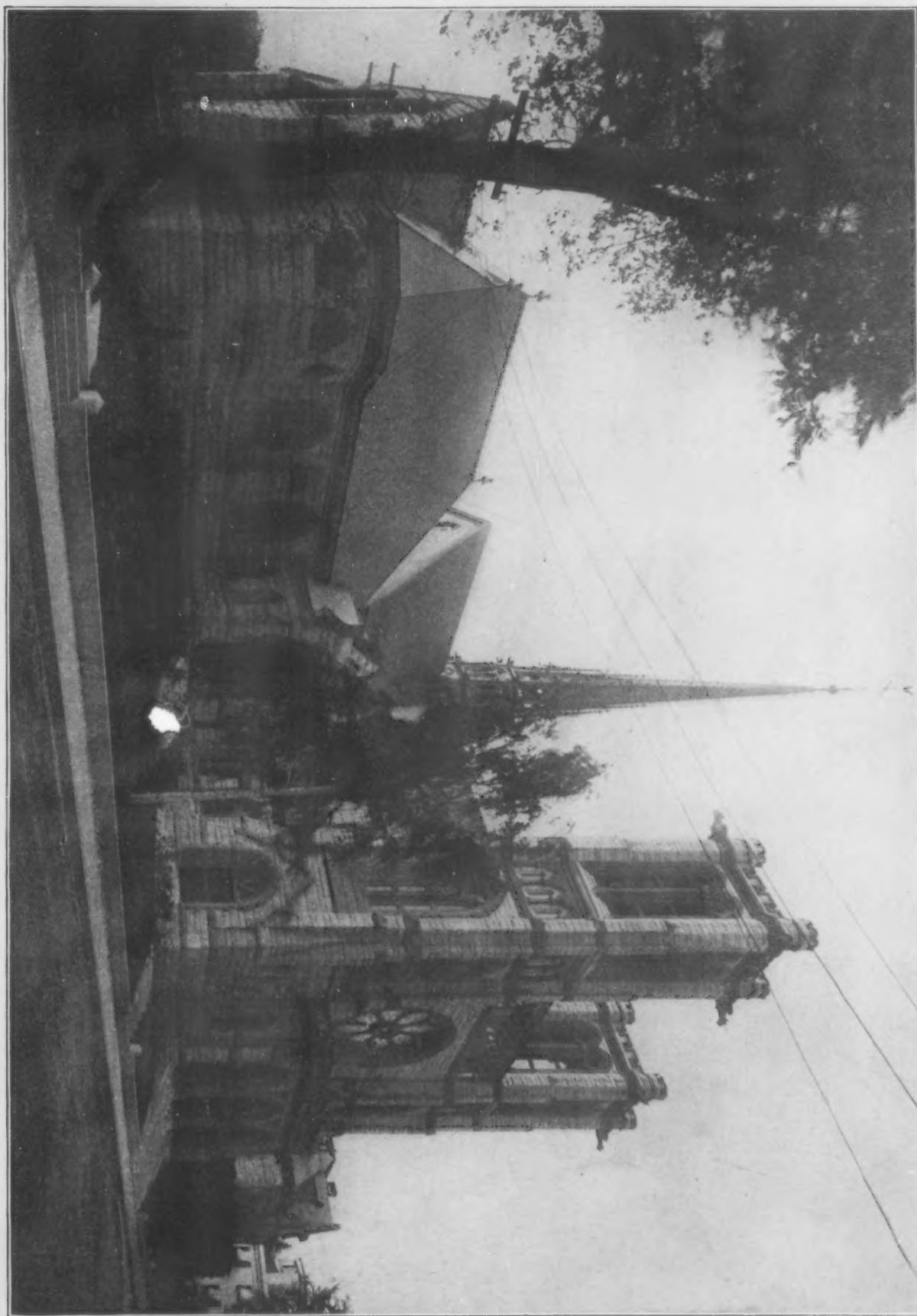
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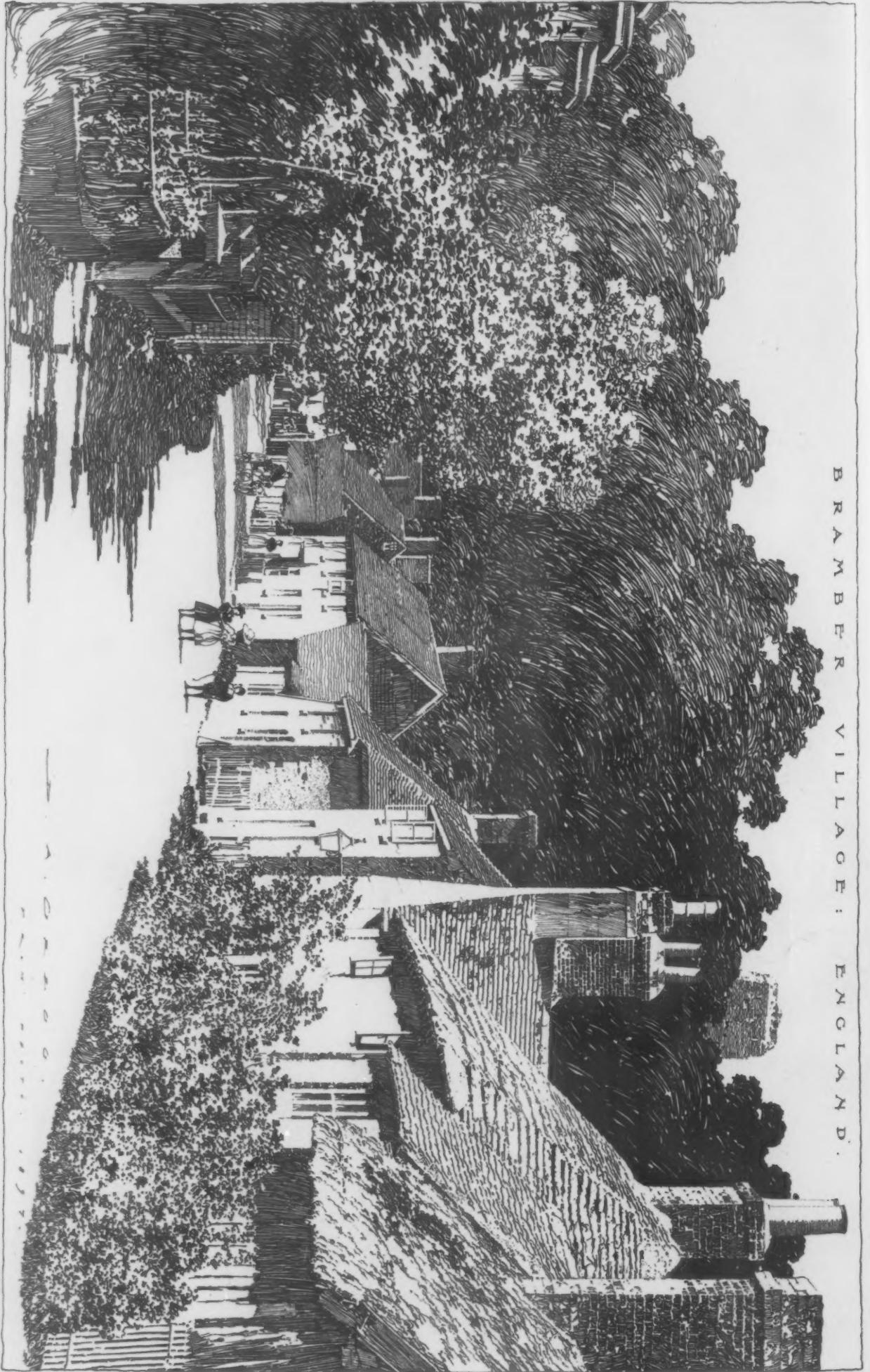
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Architects & Engineers,
21, FINE ST., NEW YORK.

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UNION CHURCH, WORCESTER, MASS.
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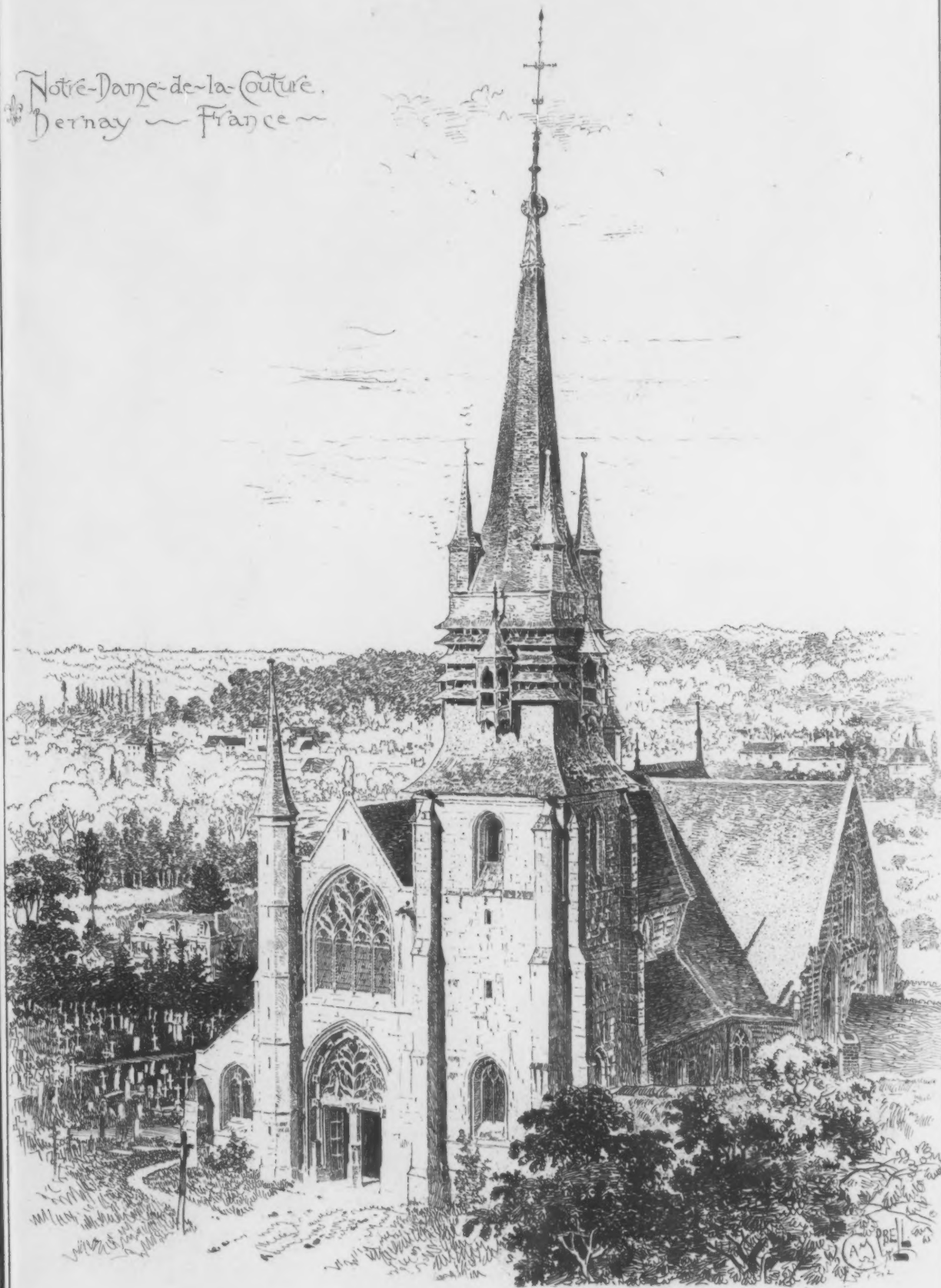


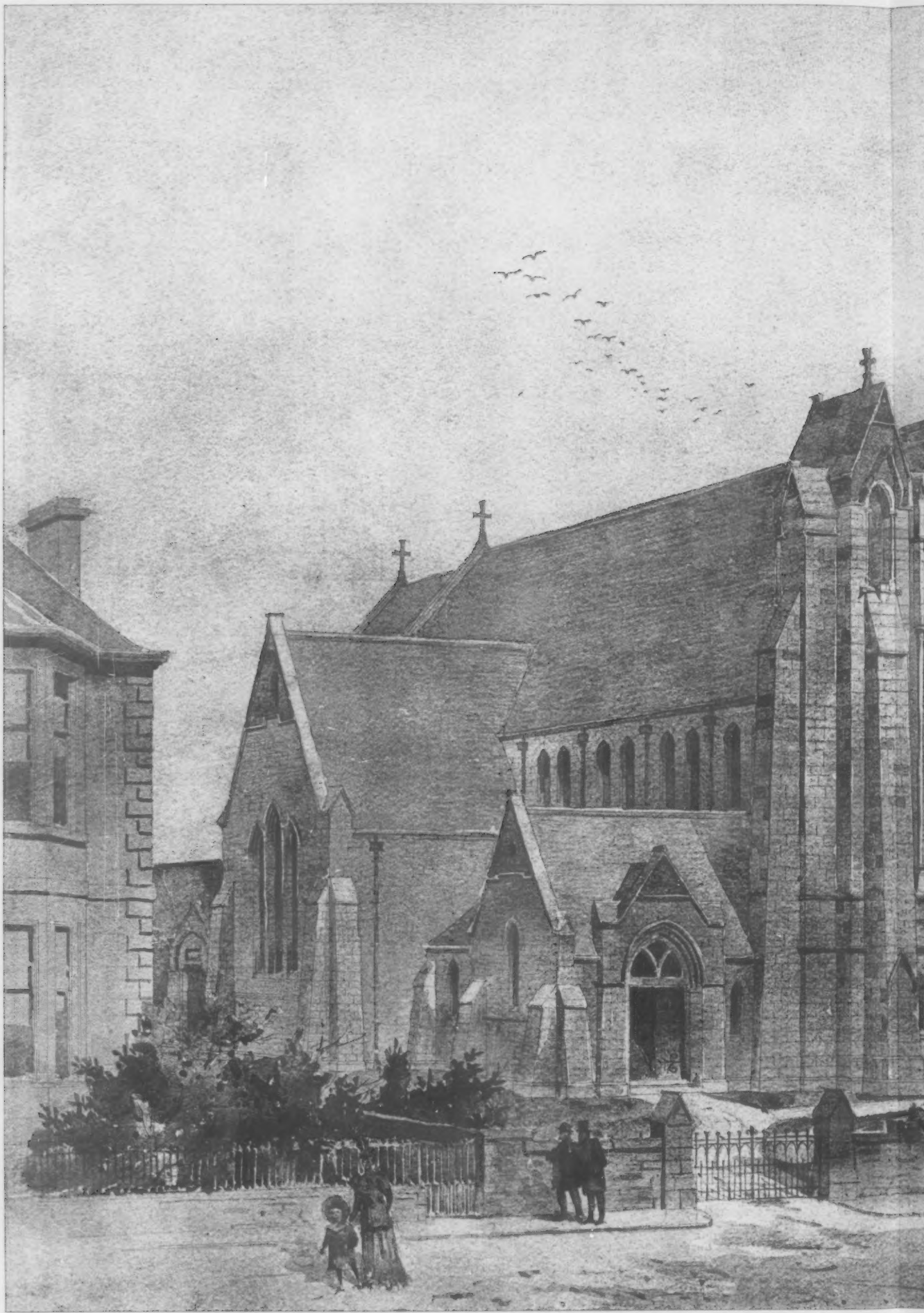
BRAMBER VILLAGES: ENGLAND.

DESIGNED BY HENRY J. HARRISON

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Notre-Dame-de-la-Culture.
Dernay — France —





NEW UNITED PRESBYTERIAN CHURCH, FO

J. GRAHAM FAIRLEY, F.R.I.



INA PHOTO SPRAGUE & CO 4 & 5 EAST HARDING STREET FETTER LANE, E.C.

CHURCH, FOUNTAINHALL ROAD, EDINBURGH
RILEY, F.R.I.B.A., Architect.

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TRANS-MISSISSIPPI INTERNATIONAL EXPOSITION
OMAHA NEBRASKA:
J. K. TAYLOR SUPERVISING ARCHITECT.



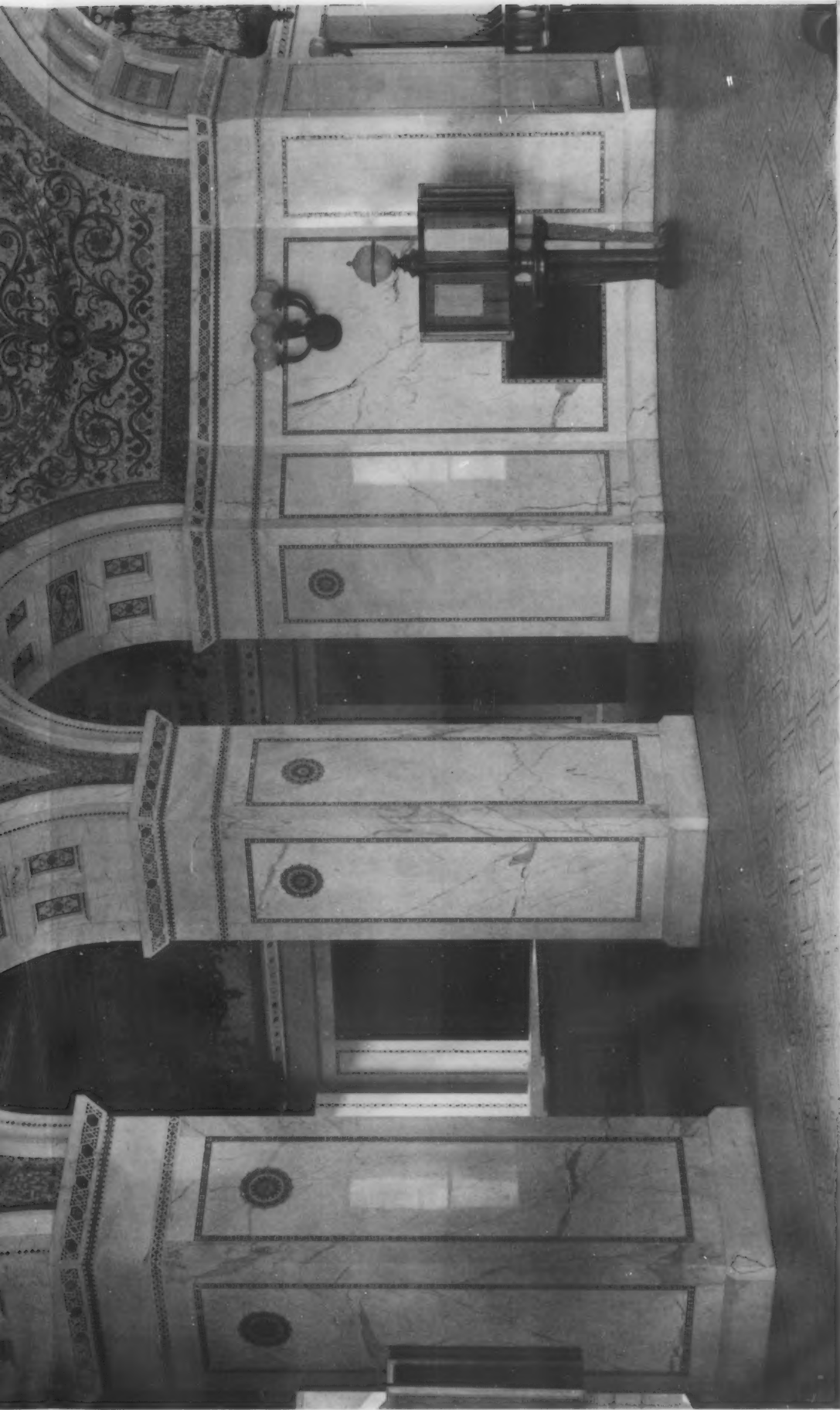


RELIOTYPE PRINTING CO. BOSTON

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SHEPLEY, RUTAN & COOLIDGE, Architects.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 184.

SATURDAY, OCTOBER 2, 1897.

VOLUME LVIII.
No. 1136.

REVOLVING DOORS.

ONE of the most vexatious problems met with in the construction and maintenance of large buildings has been satisfactorily solved by the invention and development of the revolving door. No outlay can be made for a building that affords so much comfort and gives so large a return for the money as the adoption of this new door system.

The engraving here presented represents our standard "Style E."

It is handsomely made of the best material and best cabinet-work. The ceiling is made with deep cornice and two sunken panels underneath, all being veneered. The four bent plate lights in the curved walls are usually 48" x 30" in size, and give the structure a rich and elegant appearance, an ornament for the finest of buildings. Panels are also shown below the bent glass, and handsome turned posts form the four jambs and the centre support of each wall.

"Style C" is among the plainer kind of doors, having solid wood walls, but serving the same purpose as the more expensive structures.

Among the leading features of the revolving door, we may mention that it takes the place of all the doors in the main entrance. The revolving door is its own vestibule: none other is required. It economizes space and dispenses entirely with the unsightly storm-houses and sheds, its removal during the summer season being unnecessary, as it may be erected so as to become a permanent part of the building.

By keeping the crowds separated, it prevents collisions, thus accommodating a greater number of passers than any other door system, making an accessible entrance, free from obstructions, and as light and airy in appearance as if no winter doors were in use. The noiseless action of the door itself, as well as its exclusion of street noise, is one of its many commendable features.

The four wings may be folded flat on each other, and moved aside by one person, single handed, in the fraction of a minute, thus leaving a clear passageway for furniture, bulky packages, or full ventilation.

The complete exclusion of all wind, rain,

snow, and dust, during the severest storms, while persons are passing in and out, is the crowning merit of the revolving door.

A word about infringements:—

Every meritorious invention, as a rule, is attacked by pirates. The revolving door is no exception. The projectors of this enterprise have expended much time and money in bringing this invention to its present state of development. The patent pirate, however, does not begin his nefarious work when the invention is first patented, he waits until

phia, by T. Van Kannel, the originator and inventor of revolving doors.

This company now owns and controls the original patents on revolving doors and is amply able to enforce its rights. In this connection, we think it our duty to inform the public of these facts and to warn them against making, selling, or using revolving doors infringing our patents.

The doors have been in successful use for the past five years in the most prominent buildings in the country.

We will be pleased to furnish architects and others with blueprints and descriptions of the door for various uses, as office-buildings, hotels, churches, also for interior use, etc. For circulars, estimates and full information, address,

VAN KANNEL REVOLVING
DOOR CO.,
253 BROADWAY, NEW YORK, N. Y.

NOTES.

HENRY R. WORTHINGTON has opened branch offices at Nos. 713-17 Perdido Street, New Orleans, and at 317 North Ninth Street, St. Louis, where those who have need of a power-pump of any kind can acquire the needed information as to style, capacity and cost.

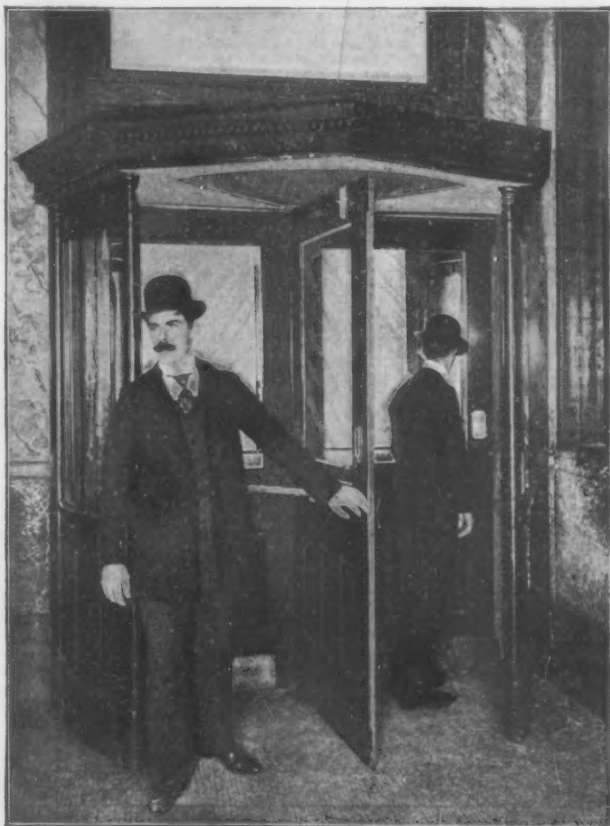
WE have just received two large contracts during the last few days, one to install the Webster System of Steam-heating in connection with the Works of Rand Drill Co., Tarrytown, N. Y., and the other to install the Webster System in connection with the large new Hudson Building, New York City.

Contracts have been taken also for installation of the Webster System of Steam-heating for the

purpose of giving greater efficiency and economy in connection with steam-heating plants, some of which are in old buildings, while others are for new installations:—

Gale Shoe Co., Haverhill, Mass.; New Britain High School, New Britain, Conn.; Parker Block, Lowell, Mass.; Simon Silk Mills, Easton, Pa.; Minnesota State Prison, Stillwater, Minn.; South Boston Buildings, Wormwood and Binford Streets, South Boston, Mass.

Our Works are running to their full capacity



Van Kannel Revolving Door.

the inventor has spent his years and thousands to make it popular, then he appears with a bland smile and begins the robbery. The patent pirate has all the low instincts and motives of the marine pirate but lacks his courage.

The first revolving door was put into actual use during the memorable blizzard winter of 1887-88. It withstood that severe test with perfect success. This pioneer revolving door was erected in the building corner Fourth and Chestnut Streets, Philadel-

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Superior to any
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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.

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:

CARRÈRE & HASTINGS	NEW YORK, N. Y.
EDWARD P. CASEY	" " "
HENRY M. CONGDON	" " "
ROBERT W. GIBSON	" " "
B. G. GOODHUE	" " "
HEINS & LAFARGE	" " "
HUSS & BUCK	" " "
W. A. POTTER & R. H. ROBERTSON	" " "
RENWICK, ASPINWALL & RUSSELL	" " "
FREDERICK C. WITHERS	" " "
* * *	* * *
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W. HALSEY WOOD	NEWARK, N. J.
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COPE & STEWARDSON	" "
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VAN BRUNT & HOWE	KANSAS CITY, MO.

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AMERICAN ARCHITECT AND BUILDING NEWS COMPANY,

THE AMERICAN ARCHITECT

AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 185.

SATURDAY, NOVEMBER 6, 1897.

VOLUME LVIII.
No. 1141.

ACETYLENE GAS.

THE group of substances known as carbides in America and acetylides in Europe has always been at once a puzzle and a promise.

Briefly, for all commercial purposes, the process of making carbides is an American invention and its use an American industry.

Of this group calcium carbide is the only one which can be used commercially.

The manufacture of the carbide is simplicity itself.

The Naphey generator consists of a drum of sheet-steel, depending for size on the amount of carbide to be held.

Within it is a receptacle for carbide and a spraying apparatus. Into this drum are made two man-holes, one to supply carbide, the other to take out the waste. Three pipes also enter, one to carry in water, another to give exit for the gas, while a third is used to remove any water which may appear needful to use in cleaning.

There is also mechanism for turning over the charge of carbide, which once in a while may be desirable or needful. Connected with the drum are two valves, one for the control of the water, the other to control the pressure of the gas at the burners. A pressure-gauge and a blow-off are also furnished. The pressure of the gas within the drum exactly and automatically controls the water-supply.

Such is the Naphey generator. For more than a year it has been in practical daily use lighting shops, dwelling-houses, stores, and in every situation it has proved its worth.

Insurance interests, at first hostile, have become its friends, and even its advocates, and, finally, those who own the basic interests in the various carbide and acetylene patents have come to recognize it in their official, as well as individual, capacity as the generator for the practical use of acetylene.

Having obtained a means of making acetylene, the next essential thing to have was a means of burning it.

At length the same man who invented, or, better phrase, reasoned out the proper form of generator remembered that he had seen a burner with two tips in which the mutual action produced a flat flame, and that the holes in these tips were straight and round, and could be cleaned. Neither Bray nor Milne tips can be so treated. This solved this part of the problem, and, as before, the rest was only mechanical toil and manual labor. Now the battle is won. A tip is on the market with which acetylene lighting is an assured success. Burning a very small amount of the gas, it gives a unit of light

which is useful and pleasing. Not so great as to cause a sense of glitter and glare, as does the Welsbach mantle, its superiority in hue and luminosity puts the incandescent filament and the ordinary street gas outside the pale of rivalry.

So much for the means of utility. But what of the gas itself? What are its proofs of superiority that it should demand the first place among gaseous illuminants, and indeed lay claim to the second place among all, sunlight alone excepted?

Why, simply these — it is the only gaseous illuminant that has no soot, and among carbon lights it has the spectrum nearest to that of the sun, the arc light alone excepted, and this excepted only under special circumstances not usually obtained in practice.

Acetylene is the only hydrocarbon which is commercially obtainable unmixed with other hydrocarbons. Consequently it is the only one which will burn to the ultimate elements of hydrocarbon combustion, carbon-dioxide and water, when burning with a luminous flame freely in the air. Therefore, it is the only one which will burn with a luminous flame without smoke. In proportion to the amount of light given, it does not vitiate the air to anything like the extent of ordinary gas.

An ordinary burner burns five feet of gas every hour, and the acetylene burner burns only one half foot, or one-tenth as much, therefore, every gas-burner ruins for our breathing power not less than one hundred and twenty times as much air as does an acetylene burner, and does not give as much light by a half. The real proportions are, gas-burners, five feet of gas, and sixteen standard candles, and acetylene one-half foot, and twenty-five standard candles.

The proof of the value of the two lights for those at a distance from a laboratory must rest on expert evidence; for those who have access to one, it is simply a matter of experience and needs no discussion.

In practical life the best way to determine the usefulness is direct comparison, and the testimony of hundreds of people who have compared the colors of identically the same pieces of ribbon illuminated by daylight and acetylene is that between them there is no difference perceptible even to the artist's trained eye. This practical test should suffice for any one. Unfortunately those at a distance must depend on the evidence of others rather than their own, and to such we can only say, every one who has seen colors thus illuminated and compared has expressed his satisfaction; and one well-known painter

in New York City has voluntarily stated that "color schemes originated by the acetylene light show no perceptible error by daylight." No more difficult test than this is imaginable, and the cumulative proof should satisfy the most incredulous.

The gas interests have had a bogey in the closet for the acetylene user from the first, and this bogey has been run down so many times that it seems almost useless to do it again. Fortunately, a new bogey is harder to find in October, 1897, than it was in January, 1895.

Of the first two bogies, one was explosion by internal change, "isomeric union of molecules," which never had any vogue outside the newspapers belonging to the gas trust, and suffocations by "infinitesimal volumes" of the gas escaped into the air was the other.

The first bogey is so utterly ridiculous as to need no refutation, and men have succeeded in committing *felo de se* with water and illuminating gas, both intentionally and by accident. But no murders or suicides by acetylene have been reported except the suffocation of a few guinea-pigs for the sake of gratifying a scientific curiosity.

It is true a man in Connecticut had the poor taste to melt the fastening of a drum of condensed acetylene with a blowpipe and thus blow his head off. Another drum of acetylene exploded in Paris, from similar causes, and killed two men, and the same week one of compressed air, on a locomotive, exploded and killed two in this city, but no one has suggested that the air-brakes on the railroad trains should be discontinued on this account.

Soberly speaking, since acetylene became known to man there has not happened one mischance due to the acetylene as distinguished from some accessory act on the part of the victim.

These generators have been approved by the United States Post-Office Department, and numbers of them are being installed in the sub-stations at Philadelphia and elsewhere.

Sole American agents,

J. B. COLT & CO.,
115-117 NASSAU ST., NEW YORK.

ROOFING TIN.

"SCOTT'S Extra Coated" Highest Quality Roofing Tin has been upon the market for many years; originally made in Wales, according to definite specifications, it has been manufactured exclusively in Pittsburgh since the beginning of the Tinplate industry in this country. Its lasting qualities have always been guaranteed. It is made from strictly

selected materials by the most approved method; palm-oil process; dipped and re-dipped by hand; each sheet passes through two palm-oil, and three metal, pots; carries forty-six pounds coating per box; exceptionally rich in pure block-tin; squared and re-squared; most critically inspected.

The manufacturers hold themselves responsible for any defect in material or error in manufacture.

When the "Scott's Extra Coated" is applied to any dwelling, public building, store-room, church, theatre, or similar building for which a tin roof is suitable, and the roof is kept properly painted, the manufacturers warrant its wearing qualities, for a period of ten years, against all ordinary atmospheric influences.

Under these conditions, should any defect of the "Scott's Extra Coated" occur within ten years, this Company will replace such roof free of all expense to architect or owner of building.

A "Scott's Extra Coated" tin roof should last a lifetime or as long as the building itself. Each sheet embossed with registered trademark.

Sole owners and manufacturers,
FOLLANSBEE BROTHERS CO.,
Formerly James B. Scott & Co.,
328-332 SECOND AVENUE, PITTSBURGH, PA.

THE GORTON SOFT-COAL BOILER.

THAT soft coal can be successfully burned in heating boilers is demonstrated in the experience of those who are using the Gorton Soft-coal Boiler. Six years of constant use has shown that this boiler will burn successfully the cheapest unwashed coal obtainable, the finest slack and lump together, just as it comes from the mines, and the tubes above the fire do not choke or clog with soot, and require no cleaning.

The fire-pot in the Gorton Soft-coal Boiler is so constructed that sufficient additional air is drawn through the fingered ring, at the lower edge of the coking chambers, to ignite all the gases arising from the coking process. This gives perfect combustion and prevents the deposit of soot and unconsumed carbon on the heating-surface of the boiler and makes use of that part of the fuel which is wasted when soft coal is used in ordinary fire-pots. The Gorton boiler is the only boiler that will burn soft coal by coking it before it feeds down on the fire.

In a recent letter received by the Gorton & Lidgerwood Co., 96 Liberty Street, New York, sole manufacturers, a user of their soft-coal boiler in Iowa writes:—

"I can burn the finest grade of slack coal that I can get here, with less dirt and smoke than my neighbors who burn the best lump and nut coal. I heated my house of nine rooms last winter for twenty-seven dollars and some cents."

Similar experience is reported from others.
GORTON & LIDGERWOOD CO.,
96 LIBERTY STREET, NEW YORK, N. Y.

THEY USE THE BOMMER.

THAT marvellous group of high buildings, which has been raised with unprecedented energy in New York in recent years, including the Manhattan Life, Bowling Green, American Surety, Standard Oil, Bank of Commerce, St. Paul, Presbyterian, Manhattan Hotel, etc., dominate the sky line from every point-of-view. Bommer Spring Hinges are used in every one of these mentioned here. Bommer Spring Hinges have become famous for that "Easy Movement"; it is their

peculiarity; they do their work calmly; no afterclaps. Live dealers in Builder's Hardware carry them in stock.

BOMMER BROTHERS,
351 & 353 JAY ST., BROOKLYN, N. Y.

NOTES.

WARREN WEBSTER & Co., Camden, N. J., in addition to the contracts previously mentioned in our past issues, advise that the following contracts have been taken for the installation of the Webster System of Steam Heating:—

Vermont State Prison, Windsor, Ver.; Sun Life Building, Crescent Bath Building, and Pope Manufacturing Co., Louisville, Ky.; Western Kentucky Asylum for the Insane, Hopkinsville, Ky.; Lambertville Rubber Co., Lambertville, N. J.; Heyward Bros. & Wakefield Co., Chicago, Ill.; Connell Office Building, Scranton, Pa.; Mende Bros. Factory, Philadelphia, Pa.; Parkside Apartment House, Philadelphia, Pa.; Grosvenor Dale Co., Mill No. 1, Grosvenor Dale, Conn.; Myron F. Thomas Shoe Factory, Campello, Mass.; Chadwick Lead Works Factory, Forest River, Mass.; Cincinnati Passenger Station, P. C. C., C. & St. L. Ry. Co., Cincinnati, Ohio. Very respectfully,

WARREN WEBSTER & CO.,
CAMDEN, N. J.

THE British Thomson Company of London, through its representative, Mr. A. K. Baylor, has just closed an important electric railway contract with the companies operating the tramway systems of Dublin, Ireland, and Barcelona and Madrid, Spain. The contract for Dublin includes all steam, as well as the electric generating and motor equipment, and comprises six Allis Horizontal engines of 500-horse power each with Babcock & Wilcox boiler capacity necessary, six 500 kilowatt multipolar General Electric generators for direct connection to the engines, and complete switch-board and station equipment. The car equipment will consist of 150 complete motor and series parallel controller equipments, the motors to be mounted on Peckham trucks. This contract follows closely that made for the equipment of the Clontarf line of the Dublin tramway system, which will be opened within the next week or two. The apparatus for this was also supplied by the British Thomson Houston Company.

The contract signed for the Barcelona and Madrid roads cover five 400 kilowatt multipolar General Electric generators and three of 75 kilowatts each, all to be directly connected to the engine-shaft. While the three latter will be lighting generators, they will also be wound for 500 volts. This contract also includes full station equipment.

A NOTABLE addition to the already extensive electrical plant of the Niagara Falls Hydraulic Power and Manufacturing Co. in the power-house at the foot of the cliff, at Niagara Falls, N. Y., will shortly be made in the form of a General Electric Co. electrolytic generator, which will be the largest of its kind ever constructed. It will be both liberally and carefully designed, to enable it to cope with the very severe service of electrolytic work, *i. e.* for practically continuous operation.

This machine will have fourteen poles and will run at 257 revolutions, giving an output of 5,000 amperes at 175 volts, or a capacity of 875 kilowatts. It will be of the latest type and will be directly connected to the water-

wheel shaft. It will be provided with a special panel switchboard with full form K equipment of instruments necessary to handle a current of 5,000 amperes.

The General Electric Co. is already well represented in the power-house of the Niagara Falls Hydraulic and Manufacturing Co. Two of its six poles 500 K. W. by 300 revolutions 650 volt railway machines, both directly coupled to the same turbine shaft, supply current to the Great Gorge Railway. In addition, the station contains a G. E. booster and two other generators, one of 100 and one of 90 K. W.

I. P. FRINK, 551 Pearl St., New York, N. Y., has recently installed his patented system of reflectors in the art galleries of the following prominent department stores: Abraham & Straus, Brooklyn, N. Y.; Bloomingdale Bros., R. H. Macy & Co., New York, N. Y.; Hahne & Co., Newark, N. J.

THE Allegheny County Light Company, Pittsburgh, Pa., has recently installed four very large Westinghouse engines of the vertical compound-marine type, each driving Westinghouse two-phase 1,500 K. W. generators.

These are the largest steam-driven alternating current machines ever built, and the engines are the largest to which alternating current machines have ever been directly connected.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

STABLES.

New York, N. Y. — Eighty-ninth St., nr. Amsterdam Ave., three-sty' bk. & st. private stable, 25' x 90' 6"; o., Ferrel C. Diwunny, 29 Broadway; a., Henry F. Kilburn, 157 Fifth Ave.

Paterson, N. J. — Fifth Ave. and Sixteenth St., 2½-sty' fr. stable & dwell.; \$3,500; o., John C. Mason; a., Tunis Kappernaal.

Penlynn, Pa. — Two-sty' bk. stable; \$8,000; b., R. M. Peterson, 5250 Wakefield St., Philadelphia; a., Otto C. Wolf, Philadelphia.

Pratts Junction, Mass. — Fr. barn, 32' x 48', containing 14 sanitary stalls; \$2,500; o., J. F. Pratt, Chicago, Ill.; b., Charles Green; s., Geo. W. Howe, Leominster.

Waterbury, Conn. — Harrison Ave., two-sty' bk. sale stable, 48' x 80', slate & gravel roof, steam; \$10,000; o., H. H. Peck; b., Tracy Bros. Co.; a., W. E. Griggs.

TENEMENT-HOUSES.

Hartford, Conn. — Front and Talcott Sts., four-sty' block, 61' x 98', containing 3 stores & 28 tenements, iron columns & girders, tin roof; \$25,000; o., Felix Mainello; a., M. O'Donohue.

Milwaukee, Wis. — Lyon and Astor Sts., three-sty' fr. tenement, 36' x 120'; \$9,000; o., Frank Bishop, Jr.; a., K. S. Evans.

THEATRES AND HALLS.

Baltic, Conn. — Two-sty' bk. block, 60' x 122', with 7 stores on first floor and hall, 60' x 90', on second floor, with seating accommodation for 1,500 people; cost about \$12,000; o., J. B. Shannon, Norwich; a., Chas. H. Preston, Norwich; not let.

Minneapolis, Minn. — N. Third Ave. and Fourth St., three-sty' bk. store & warehouse, 44' x 110', flat roof, mill-construction, steam heat; \$10,000; o., C. W. Prouty, Agt., 530 Temple Ct.; a., James H. Record.

MISCELLANEOUS.

Clinton, Mass. — 1½-sty' bk. power-house, 120' x 120', with chimney, iron roof, gravelled, steam; \$20,000; o., Lancaster Mill Co.; c., Flynt Construction Co., Palmer; a., Lockwood, Greene & Co., Boston.

Fall River, Mass. — Pine St., two-sty' bk. gymnasium, 40' x 80', slate roof, steam; \$10,000; o., Y. M. C. A., J. D. McLeod, Treasurer; b., Beattie & Wilcox; a., Nathl. C. Smith, New Bedford.

Lincoln, Mass. — Bk. pumping-station, 33' x 80', 85' high; cost about \$7,000; o., Town; a., George F. Newton, Boston; not let.

Pittsburgh, Pa. — Thirty-fourth and Liberty Sts., five-sty' bk. building; \$65,000; o., Iron City Brewing Co.; b., H. L. Kreuzler, 3217 Penn Ave.

St. Louis, Mo. — One-sty' power-house, n s Frair e St., bet. N. Market & St. Ferdinand Sts.; \$5,000; o., Cass Ave. & Fair Grounds R. R. Co.

Titusville, Pa. — Diamond Ave., three-sty' & base, cold-storage plant, 50' x 60', comp roof, refrigerating system; \$25,000; o., A. J. Wager & Pastorius; a., Fred W. Wolf Co., 139 Rees St., Chicago, Ill.

Worcester, Mass. — W. Boylston St., two-sty' bk. power-house, 40' x 72'; \$5,000; o., Norton Emery Wheel Co.; day-work.

Newton, Mass. — Demuth St., one-sty' fr. stable, 28' x 38'; \$2,000; o. & b., J. H. Wentworth, Crafts St.; a., John A. Hasty, Boston.

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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.

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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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FREDERICK C. WITHERS	" " "
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* CRAM & WENTWORTH	* BOSTON, MASS.
* JOHN LYMAN FAXON	* " "
* PEABODY & STEARNS	* " "
* STEPHEN C. EARLE	* WORCESTER, MASS.
* T. P. CHANDLER, JR.	* PHILADELPHIA, PA.
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* W. S. FRASER	* PITTSBURGH, PA.
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* VAN BRUNT & HOWE	* KANSAS CITY, MO.

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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 186.

SATURDAY, DECEMBER 4, 1897.

VOLUME LVIII.
No. 1145.

GLOBE VENTILATOR.

THE Globe Ventilator is well and favorably known to many architects and builders throughout the country. It is strongly constructed, symmetrical in appearance, effective in operation, absolutely storm-proof, and does successfully the work required of it at all seasons of the year. It is manufactured in brass and copper as well as in galvanized-iron, and with glass tops where a combined ventilator and skylight is desired, and is extensively used for perfectly ventilating schools, churches, hospitals, theatres, factories, and buildings of every character. The "Globe" is also very efficient in removing the excessive heat that is generated in attics by the sun in shining on the roof, thus rendering the upper floors of the house so supplied comfortable and habitable, and it is also effective in exhausting sewer-gas from residences, and making them healthful. Few people realize the

and when attended to at all 3" or 4" caps are used where those of a much larger size should be adopted.

The "Globe" has an extensive use for curing smoky chimneys and quickening sluggish flues, and its great success in that capacity has given it a wide and enviable reputation, and made for it a large and constantly growing demand. It is certainly passing strange that architects and owners will permit tin-smiths to place on the chimneys of their elegant residences such ugly and misshapen crows, when for a few cents more something as pleasing in appearance as the "Globe" can be supplied. Architects and officials planning for the erection of churches will do well to remember and use the Globe Ventilator, as a perfectly ventilated and comfortable auditorium attracts the people whose presence insures increased interest and enlarged contributions, and solves in a large measure the

There is also given an illustration of how a chimney having two flues should be capped. The mistake of attempting to cover both with one ventilator is often made by those not having had much experience, and always with unpleasant results, as the smoke and gas have a way of rising in one flue and syphoning down the other.

GLOBE VENTILATOR CO.,
203 RIVER ST., TROY, N. Y.

THE CUTLER PATENT MAILING SYSTEM U. S. MAIL-CHUTE.

THE following brief explanation should be read by those writing for estimates on that most useful adjunct of apartment-houses and office-buildings, the Cutler "mail-chute":—

(A.) The standard mail-box, furnished as part of the apparatus, is made of cold rolled steel, with door, mouldings, etc., of cast-iron, and is heavily copper-plated and then finished



danger from disease arising from the closeness of their bath-rooms, which should have direct connection with the outer air, so that the impurities cannot leak out and contaminate the home, and destroy its inmates. What a simple and inexpensive precaution to take to guard the lives and preserve the health of the family! yet how often it is entirely neglected!

problem of how to obtain an evening congregation; and if they accomplish this greatly-to-be-desired result they are surely a paying investment.

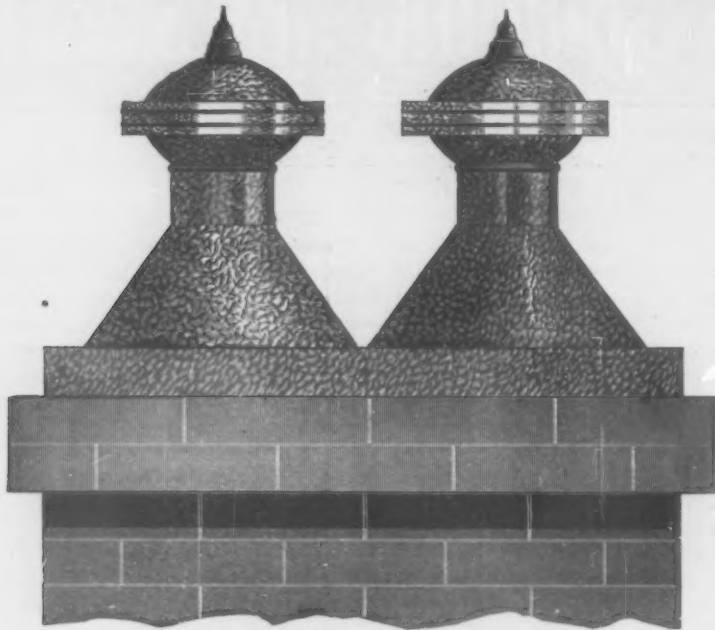
We show a 48-inch Globe Ventilator just completed and ready for shipment which exhibits its graceful lines and pleasing appearance.

in electro-bronze, slightly oxidized. Its size varies with the size and importance of the building, and it is the cheapest box we furnish.

Boxes of special design in cast and sheet bronze, cast-iron electro-bronzed, etc., are also furnished, usually from our own designs and details, subject to the architect's approval.

When such work is desired, we are glad to submit sketches and estimates, in which case it is only necessary for us to have information as to the general style of the building, or, preferably, a print or rough sketch showing the immediate surroundings, so that we may draw our work as it will appear when in place.

(B.) The work of preparing the building to receive the apparatus consists in providing a flat, vertical casing or back, about 12"



The Globe Ventilator applied to two Flues.

wide, suitably moulded and finished, extending in a vertical line from the top of the mailbox to a point 4' 6" above the floor in the top story, and leaving or cutting openings in the floors directly in front of and centred upon this casing. Floors are neatly and easily finished by setting in them thimbles of iron, which we furnish and deliver as part of our contract. The casing is usually of oak or other wood to match the trim of the corridors, but where more elaborate finish is desired marble is sometimes used.

When the Mail-Chute is located in front of an elevator-screen the casing should be so constructed as to be sufficiently rigid to stand free of the screen and without support, except at each floor and ceiling. In this position, the casing, if wood, has side pieces and is in section like an "I" beam; or, preferably, it is constructed of iron angles.

Preparatory work can be included in the general building contracts and specifications, but in the vicinity of New York and Chicago, in which centres we have resident superintendents of construction, it is best to include it in the Mail-Chute contract, as this obviously secures the best results. Full details and specifications for this work will, however, be furnished on application, and special drawings to suit peculiar conditions will be prepared when desired.

(C.) The Mail-Chute is constructed of cold rolled, pickled steel, japanned black and fired, with trimmings (mouldings holding the plate-glass front in place, bases, caps, etc.) of bronze, plated to make the color uniform, and slightly oxidized.

The material and construction cannot be varied, but in special cases, where boxes of special design are furnished, we vary the finish of the Chute by japanning the steel body in any selected color, and finishing the bronze work as desired. As an example of this, our work just completed in the "Astoria

Hotel," New York, consists of two special Mail-Chutes. It is cast in brass, with all exposed surfaces chased by hand, and plated with pure gold, the bronze work of the Mail-Chutes being plated throughout to match, and the steel body japanned a light ivory tint.

This statement is prepared for the convenience of those architects who prefer to transact business by correspondence, or who, for any reason, cannot be reached by our representatives. We are, however, always glad to

send a representative, when practicable, to call upon an architect who prefers to arrange such details in a personal interview.

Having installed the apparatus in over twelve hundred buildings, we have gained valuable experience, which we place at the service of those interested, particularly in cases where the conditions present special difficulties in the arrangement and location of the apparatus.

WASHINGTON, D. C., February 15, 1893.

Ordered: That this Department, having heretofore authorized the use of the Cutler Patent Mailing System, consisting of a specially constructed Chute extending from the upper stories of public buildings and hotels to and connected with special receiving boxes for matter for the mail located in the ground-floor corridors of such buildings, for the better protection of the public using the same, and in accordance with the Act of Congress approved January 23, 1893, it is declared that in all such mailing apparatus heretofore established under the regulations of this Department, or which may be hereafter so established, the Chutes are a part of said receiving boxes and under the exclusive care and custody of the Post-office Department.

Signed by the Postmaster-General.

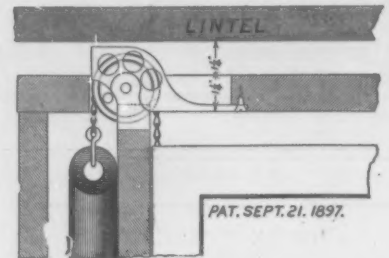
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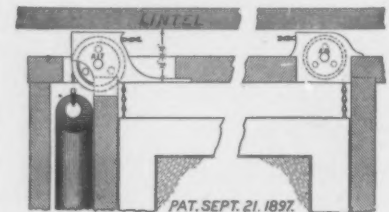
A NEW OVERHEAD WINDOW-PULLEY.

THE subject of this article (with illustrations) is the "Queen" overhead pulley, this being an improvement in "sash-cord guides," for which a patent was granted on September 21st last to the manager of the Queen Sash Balance Company, 150 Nassau Street, New York. In all overhead pulleys heretofore placed on the market so much head-room was required that in many cases, although the

architect recognized the superiority of overhead pulleys over the old style side pulley, it was impossible to use them without making special provisions. The "Queen" pulley has overcome this objection, as will be seen by the accompanying cuts. Sufficient pocket room is also gained to obviate the use of lead weights, and no grooving of the sash is necessary. The "Queen" pulleys are being placed in the best buildings now being constructed in New York, and this fact alone is a guaranty



of their worth. All the sizes, styles and kinds of finish are given in the catalogue of this Company. The mullion-frame pulley here shown is pronounced, it is said, by eminent architects the best on the market. These pulleys are designed to do away with the mullion pocket in twin windows. With them sashes are operated by one weight with the same result as by using two weights, and give from 6" to 8" more glass space than by ordinary methods. The difficulty heretofore experienced in threading overhead pulleys has been overcome by the "Queen" pulley, and a new style of mouse for use in threading the pulley with cord, tape or chain is furnished with each order. A catalogue will be sent to any architect on application and any contractor will receive a catalogue upon request.



Mullion-frame Pulley.

A complete line of goods specified in the catalogue of this firm is kept in stock, thus assuring prompt shipments.

QUEEN SASH BALANCE CO.,
150 NASSAU ST., NEW YORK, N. Y.

CHROME STEEL FOR SAFE AND VAULT CONSTRUCTION.

OF the materials used in the construction of safes, vaults, etc., none so effectually resist the efforts of the ingenious burglar as chrome steel.

This material is manufactured solely by the Chrome Steel Works of Brooklyn, N. Y., and cannot be sawed, cut, broken or drilled, as it is much harder than the material of which any chisel, saw, hammer or drill is manufactured.

Experience has proved that the weak point of ordinary steel lies in the fact that, while its hardened surface gives security against cutting or drilling, the crystallization of the iron into steel, by destroying its fibrous nature, renders it brittle enough to be shattered by sharp blows. Iron, of course, while secure against this method of attack, can be quickly cut or drilled by good tools. Carbon or ordinary steel is a combination of iron and carbon, while chrome steel is a combination of

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iron and chromium, the proper proportions of which are accurately weighed, great care being taken to have them exactly correct in every grade.

Uniting perfectly in alloy, these metals become integral in their unity, producing a uniform steel which is much superior to carbon steel.

Chrome steel is used exclusively for burglar-proof work by many of the largest contractors and safe manufacturers in the country, it being furnished them in the 5-ply combination plates now so widely and favorably known.

These are made by welding into a solid plate two layers of chrome steel alternately between three layers of tough fibrous iron.

To penetrate such plates it would be necessary to cut each layer of iron and shatter each ply of steel, which cannot be done by the means accessible to the burglar.

Any tool after penetrating the layer of iron is immediately dulled and its further progress stopped when the layer of steel is encountered.

Chrome steel is recognized by leading experts as the only uniformly tool-proof material obtainable, and, after a most thorough examination, the commissioners appointed for this purpose by the United States Government gave it their unqualified endorsement as the only material which they could with safety advise to be used in the construction of

new vaults and safes for the Treasury Department at Washington.

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PORTLAND CEMENT.

THE tests of Portland Cement usually made as to fineness, tensile strength at one and four weeks' setting, etc., do not afford an opportunity to ascertain if the cement under test possesses other qualities which for practical purposes are equally if not more valuable. The customary tests of cement give no evidence regarding its strength when mixed with a larger proportion of sand; regarding its uniformity, constancy of volume, durability, adhesiveness, impermeability; resistance to violent changes of the atmosphere, and to abrasion by wear. Information as to these qualities can only be obtained by the observation of long-time tests, the results of the employment of the cement in practice, which must be taken into consideration, together with the results of the usual tests, to form a judgment of the relative value of several cements.

The Dyckerhoff Portland Cement will pass the requirements of all tests compatible with the best quality, and the well-known results of its employment for more than thirty years have demonstrated that it possesses in the highest degree all the qualities desirable in a Portland Cement and justify the reputation

that the Dyckerhoff is the best Portland Cement made.

Mr. E. Thiele, 78 William Street, New York, is the Sole Agent for the United States for the Dyckerhoff Portland Cement, and will be pleased, on application, to forward a pamphlet describing this cement more fully, and containing directions for tests, employment and testimonials.

The Dyckerhoff Portland Cement is for sale by the leading dealers in building materials.

E. THIELE, 78 WILLIAM ST., NEW YORK.

NOTES.

WE beg to advise that between October 16th and November 5th we have received the following contracts in which the Webster System of Steam-Heating is to be installed, covering old and new steam-heating plants. The growth of the Webster System is apparent from the number of plants from whom orders have been received:—

- Carry Apartment House, Washington, D. C.;
- Babbitt & White Apartment House, Washington, D. C.;
- Gannon Theological Seminary, Atlanta, Ga.;
- Eutaw House, Baltimore, Md.;
- Narragansett Hotel, Providence, R. I.;
- Cupples' Station Buildings, St. Louis, Mo.;
- Missouri Medical College, St. Louis, Mo.

Very respectfully,

WARREN WEBSTER & CO., CAMDEN, N. J.

ALSEN'S PORTLAND CEMENT

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

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

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

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THE "VULCAN" LOCKS
A NEW PRODUCT OF THE YALE & TOWNE
MFG. COMPANY.



THE age of iron is passing and the age of steel is fully born. America has long excelled in small products of cast-iron, but is discarding them for better ones of wrought steel. Both were formerly hand products; cast work so remains, but wrought work, in quantity, is now produced from the wrought sheet or rod

by machine processes, which supersede hand labor.

This new material, and these processes, have already been utilized in creating modern fire-arms, the sewing machine, the American watch and the bicycle; they are now availed of to create a new American product, namely, a door lock formed wholly from wrought materials, machine made throughout and interchangeable in all its parts.

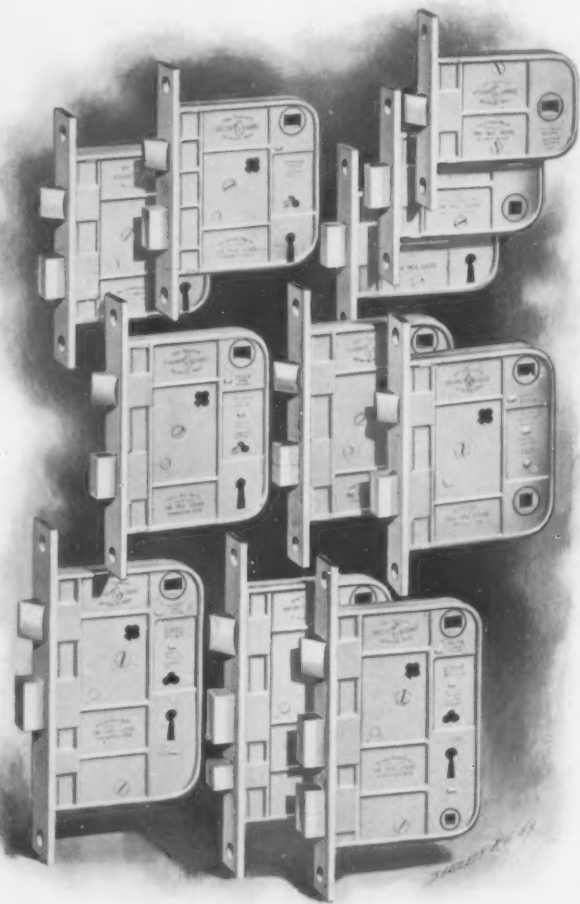


FIG. 1

The substitution of machine processes for hand labor, has not only produced a more perfect article, but has also effected economies which enable the Vulcan Locks to be sold at prices so low as to make them available for every purpose.

New and improved mechanisms, made possible by new and better materials and processes, combine to make the resulting product the most important advance in the art of lock making since Linus Yale, Jr., one of the founders of The Yale & Towne Manufacturing Company, a few years before his death, in 1868, invented the lock

which will forever be associated with his name and which has completely revolutionized American practice in lock making.

CONSTRUCTIVE FEATURES

The Case and Cap. These are of cold-rolled steel, each flanged on the outer edge and ribbed in transverse lines, thus obtaining greater rigidity and far greater strength than that of a cast lock of twice the weight.

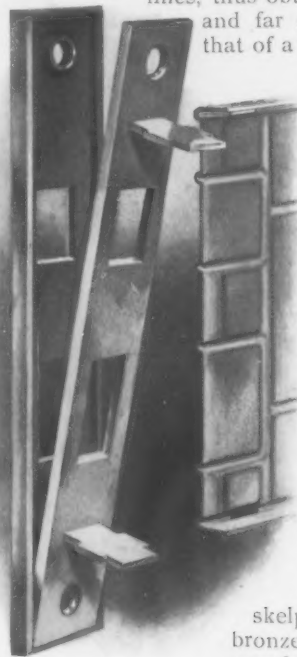


FIG. 2

The dimensions and weights of all the parts are those suitable to give proper strength. All the parts being of wrought metal the total weight is somewhat less, and the strength of each part much greater, than if cast metal were used.

The Front. As shown by Fig. 2, this consists of a wrought steel base, attached to the case by two cheeks, over which is drawn a

skelp or cover of wrought bronze, clinched over the tapered edges of the base, thus firmly uniting the two and producing a front of great stiffness having true edges, beveled to fit snugly into the wood, and a surface admitting of the highest polish.

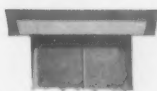


FIG. 3

This construction is further illustrated by the enlarged detail in Fig. 3, showing a cross-section of the completed front.

The Bolts. The Latch-bolt and the Dead-bolt each consists of a solid head of wrought bronze or steel, and a wrought steel tail-piece, forced into the head and secured thereto by riveting and by setting down the metal of the head over interlocking projections on the tail-piece, as shown by the illustration of latch-bolt in Fig. 4. The tail pieces are ribbed or corrugated to give added stiffness.



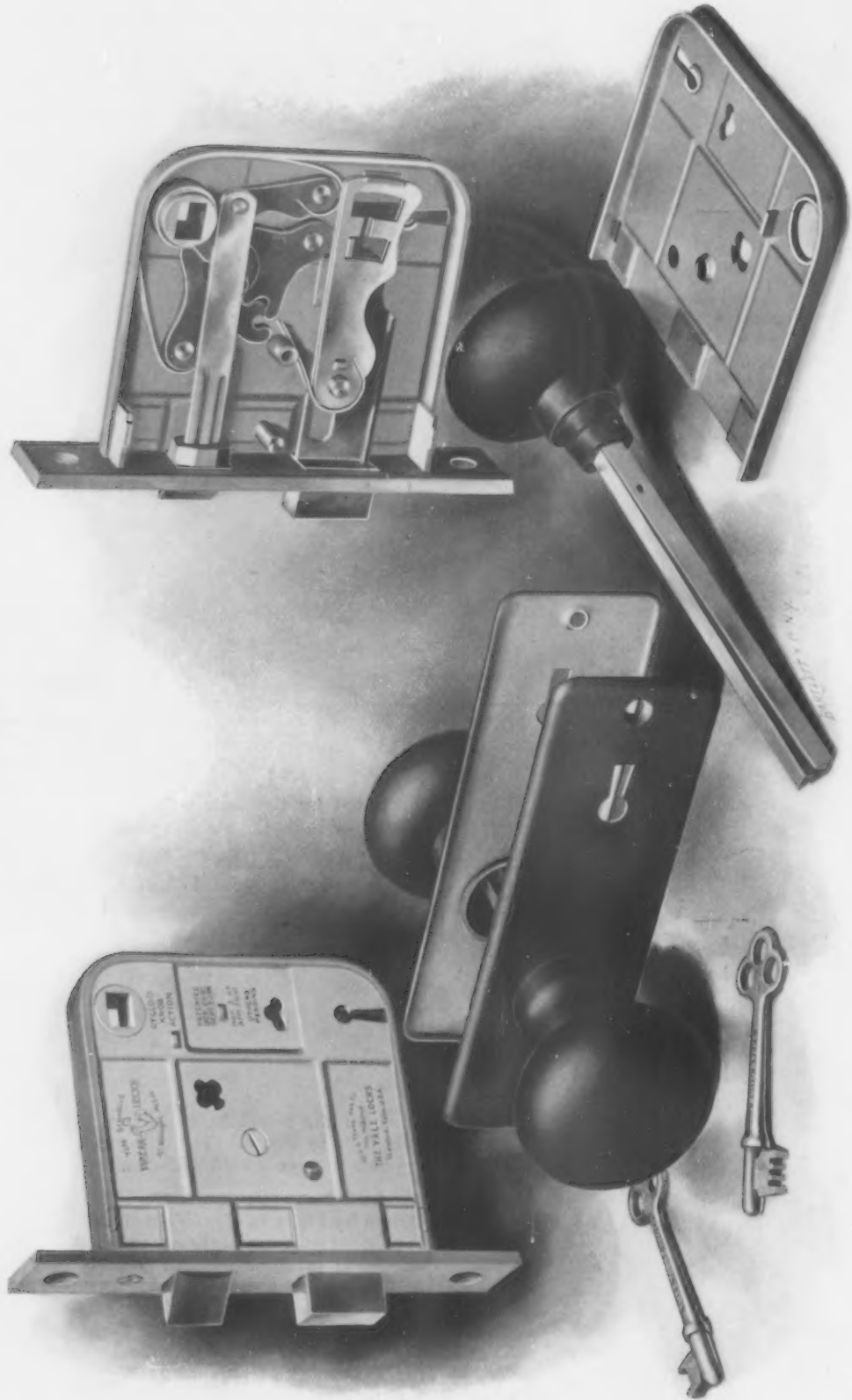
FIG. 4

The Key. The key of the Vulcan Lock, shown by Fig. 5, is of solid steel and is cold-forged from open-hearth metal. It is machine finished, nickel-plated and finely polished. Its bow is of the well-known Trefoil design, so long identified with the Yale Lock, and bears on one side the Trefoil trade-mark of the makers. The form of the key is peculiarly graceful, and its oval cross-section gives great strength.

The bit is tapered, being thickest at the outer edge, thus giving a better wearing surface, and a smoother action on the thumbler and bolt, than keys having thin bits.



FIG. 5



A VULCAN LOCK AND ITS TRIM—FIG. 6

The Completed Lock. The external and internal appearance of the several parts when completed and assembled is shown by Fig. 6 on opposite page.

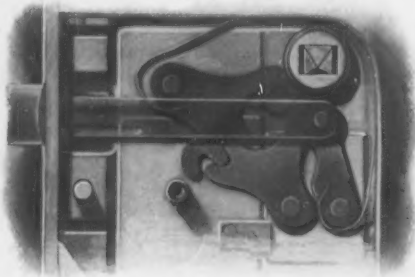


FIG. 7

made from wrought metal. Fig. 7 shows the mechanism in its normal position. The hub, by which the rotary action of the knob is transmitted, has a single arm or cam projecting diagonally downwards. Bearing against each side of this cam are two pivoted levers, geared together at their other ends, so that motion of the cam in either direction produces the same effect upon the levers, causing the lower one to move backward, carrying with it the third lever, to which is pivoted the end of the latch-bolt.

Fig. 8 shows the parts in the position they occupy when the latch-bolt is forced back, as in closing the door. One of the inter-gearred levers has a heavy spring, giving the desired resistance to the knobs. The third lever is independent and has its own lighter spring, acting both on the knob and the latch-bolt. This spring alone opposes resistance to the retraction of the latch-bolt, while both springs oppose rotation of the knobs. The most perfect "easy-spring" action is thus obtained. The latch-bolt is reversed by removing cap of lock. Fig. 9 shows the latch-bolt retracted by rotation of the knob in either direction, and shows also the construction of the hub or cam from two pieces of wrought metal, machine made throughout. As seen in Fig. 6, the holes or trunnions in the lock case are flanged inwards to provide a broad bearing for the ends of the hub, these bearings being accurately fitted by machine processes. The bearings for the key are formed in like manner.

In other wrought metal locks these bearings are

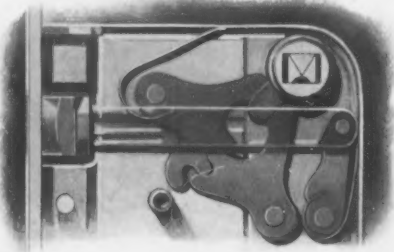


FIG. 8

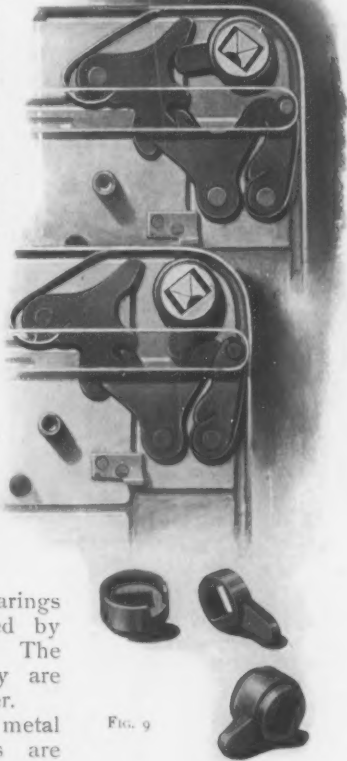


FIG. 9

The Cycloid Knob Action.

In this is embodied a new principle and a great advance in lock mechanism. It discards the sliding action used heretofore and substitutes pivotal motions and inter-gearred levers, every piece being machine

merely holes punched in the metal, and their tin edges tend to cut into the metal of the hub or key, the result being rapid wear, which, in the case of the hub, produces looseness and rattle, and, in the case of the key, disturbs its relations with the tumblers so that it soon works badly and ultimately may fail to operate the lock. The broad bearings in the Vul-Lock obviate all of these difficulties.

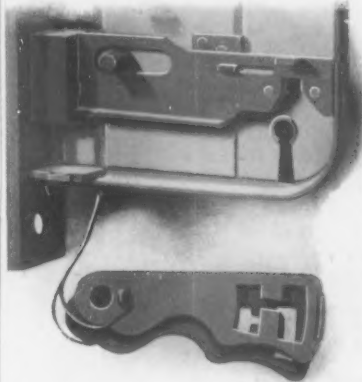


FIG. 10

The Dead-bolt Action.

The method of constructing and guiding the Dead-bolt is shown by Fig. 10. Its bottom edge is flanged to give stiffness, its rear end is thickened by a reinforce to give a broad bearing for the key in the "talon," and its motion is guided

and checked by a stud attached to the case and fitting within a guide slot in the bolt-tail.

The Tumblers, of which in some locks there are two and in others three, are of the double-acting lever type, as also shown in Fig. 10. The "fence" or post on tail of bolt fits within the segmental openings of the tumblers and must pass the narrow gating between them to permit the bolt to move. To accomplish this the key must accurately raise each tumbler to the exact position, neither too high nor too low, to permit the fence to enter and pass through the gating, thus securing ample protection against picking and against the unintentional interchange of keys. Fig. 11 shows the key in place ready to operate the tumblers and retract the bolt.

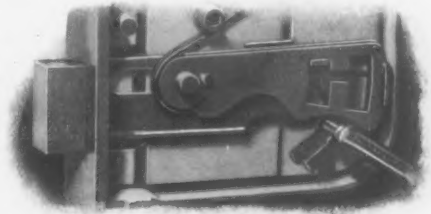


FIG. 11

The Triplex Spindle. This Spindle already in use with the Yale Locks, will be used also with the Vulcan Locks.

It consist of three triangular rods which, when united, form a square spindle, to one end of which one knob is permanently pinned. The other knob carries a set screw, which bears on the spindle, as shown in Fig. 12. The tightening of this screw expands the spindle and forces it into frictional engagement with the knob shank, thus holding the knob securely at any point, affording perfect adjustment without resort to washers, and eliminating all looseness or rattle of the knobs.

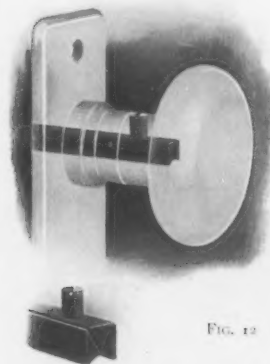


FIG. 12

The Compensating Hub. Heretofore lockmakers have ignored the fact that all wood shrinks and swells with changes in the humidity of the atmosphere. Hence has arisen the dilemma that knobs must be loosely fitted or else will bind. This is due to the conditions illustrated by Fig. 13. As there shown the lock is attached by

its front to the edge of the door, while the escutcheon plate (which carries the knobs) is attached by its screws to the surface of the door at the distance "X" from its edge. Any shrinkage or swelling of the wood causes this distance "X" to vary and thus tends to cause the knobs, if well fitted, to bind. The Compensating Hub, as shown by Fig. 13, has a rectangular opening which fits the spindle vertically, but which is considerably elongated horizontally. Changes in the dimension "X" may thus occur without causing the knobs to bind, and yet rotation of the knobs will cause the spindle to actuate the hub, by contact of the upper and lower sides of the spindle with the opposing faces of the opening in hub, as perfectly as if all four faces of the spindle and hub-opening were in contact, as heretofore. This simple device makes possible the use of perfectly fitted knobs by eliminating the disturbance arising from shrinkage, which heretofore has been so common a cause of trouble.

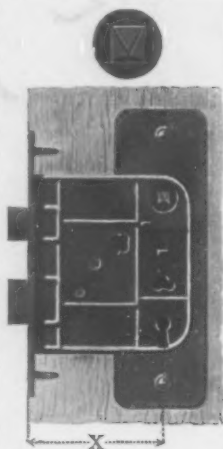


FIG. 13

The Bracket Bearing. A lock spindle is practically a short piece of shafting, with a wheel or pulley (the knob) on each end. Obviously the bearings of such a shaft should be as far apart and as near to its ends as possible. In common locks, on the contrary, they are at the surface of the door and therefore near together. This has long been remedied in the case of the Yale Lock by the use of the "Bracket Bearing," which will also be used with the Vulcan Locks. It consists of a construction of the knob shank, and its supporting thimble, such as to bring the bearings or points of support as close to the knobs, and therefore as far apart, as possible. The mechanical difference between these methods will be apparent from Fig. 14, which shows the old and the new constructions. The dotted lines show the play or "wobble" of the common knob, with its clumsy adjustment by means of a row of screw holes in the spindle, supplemented by tin washers in the loosely fitting thimble or bearing close to the surface of the door.

In marked contrast to this is the easy and perfect adjustment of the knob by means of the Triplex Spindle; supporting of the thimble close to

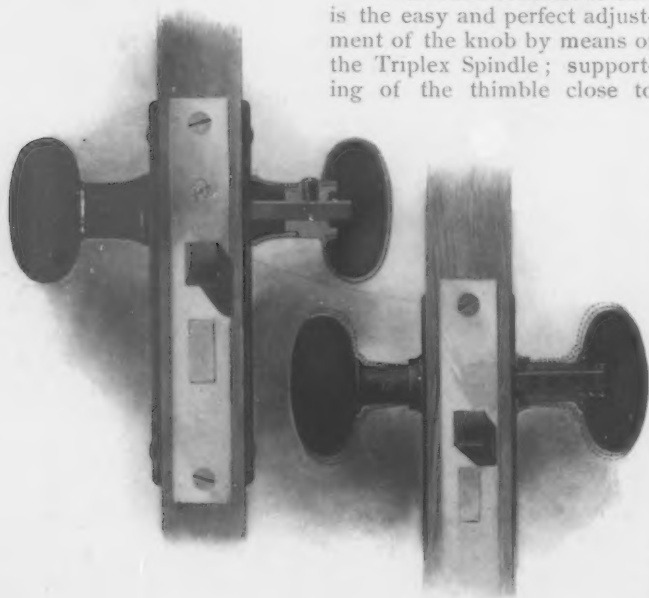


FIG. 14

each knob; the well-fitted Bracket Bearings in which the knob rotates, as shown in the above picture.

The Mechanical Combination. The Triplex Spindle, admitting of perfect longitudinal adjustment of the knobs, the Compensating Hub, which eliminates disturbance from shrinkage and swelling of the wood, and the Bracket Bearing, which supports and guides the two ends of the spindle close to the knobs, combine to produce a perfect mechanical assemblage, easy to apply, eliminating all causes of future disturbance, pleasing, because inherently right in appearance, and, as already proved, certain to give permanent satisfaction.

The Trim. Fig. 6 shows one of the plain, wrought metal trims used with the Vulcan Locks, but, in addition to plain trim, in bronze, brass or Bower-Barffed steel, they are furnished with ornamental trim in great variety, an example of which is shown in Fig. 15. These ornamental trims, and also the extensive line of Vulcan Locks, are described and illustrated in a separate catalogue.

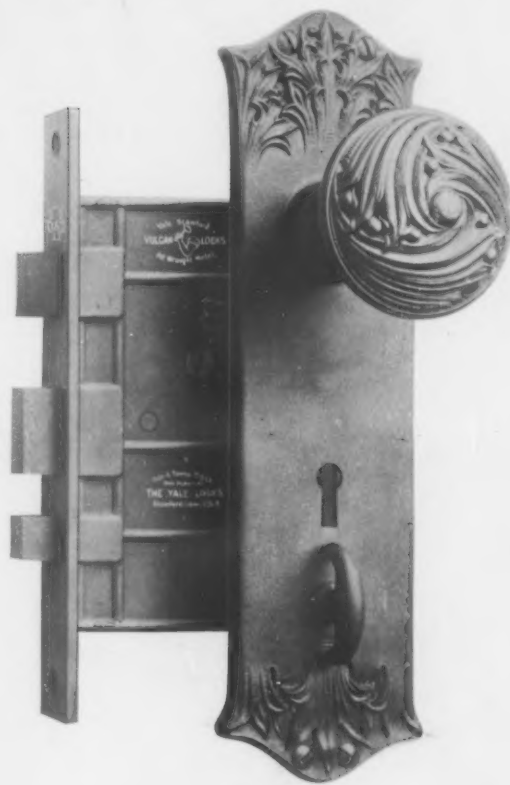


FIG. 15

CLUNY ORNAMENTATION.

The Result. The many and important improvements herein briefly referred to are the outcome of the work of several years, aided by unrivaled facilities and by the experience of the makers of the Yale Lock acquired during the past twenty-five years. The final result is the creation of a new mechanical product, as far in advance of all predecessors as is the Yale Lock in the field where it has so long held a position of undisputed leadership.

The Yale & Towne Manufacturing Company has issued a most artistic brochure fully explaining the construction and operation of these locks, and also a catalogue of 90 pages, mentioned above, illustrating and describing each lock in detail and showing it associated with a carefully chosen line of plain and ornamental trim. These may be had on application to the Company's General Offices, 84-86 Chambers Street, New York, or from any branch office of the Company. These are located in Chicago, Philadelphia, Boston, Pittsburg and San Francisco. The works are at Branford and Stamford, Conn.

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Limestone:				
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Serpentine.....			@	4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Flane.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@	@ 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
Slate: Roofing (P square).....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 60
Green.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Purple.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Red.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
Black, Lehigh.....	@	@	5 30 @ 6 15	4 50 @ 5 00
" Chapman.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Genuine Bangor.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
Unfading black.....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
".....	@	@	Salt-glazed tiles	@ 28 00
Tiles, Am..... P M.....	@	@	9" sc. per ft.	5 76 @ 6 25
N. Beach Bottom, war. unfading	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
Fire Clay Roof Tile on cars at fac.				
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 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.....	ea 13 @ 14	11 00 @ 14 00	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
Clapboards:				
Pine.....	@	38 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 18 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	16 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@ 1 60	@ 1 60	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	@	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	1 50 @ 1 60	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@	Not sold.	
".....	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	3 00 @ 3 75	4 60 @ 6 00	(30" \$35 @ 40
Cedar split..... P M.....	@	@ 6 00	Not sold.	24" 8 @ 21
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	20" 35 @ 14
Cypress. Split..... T x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14 00

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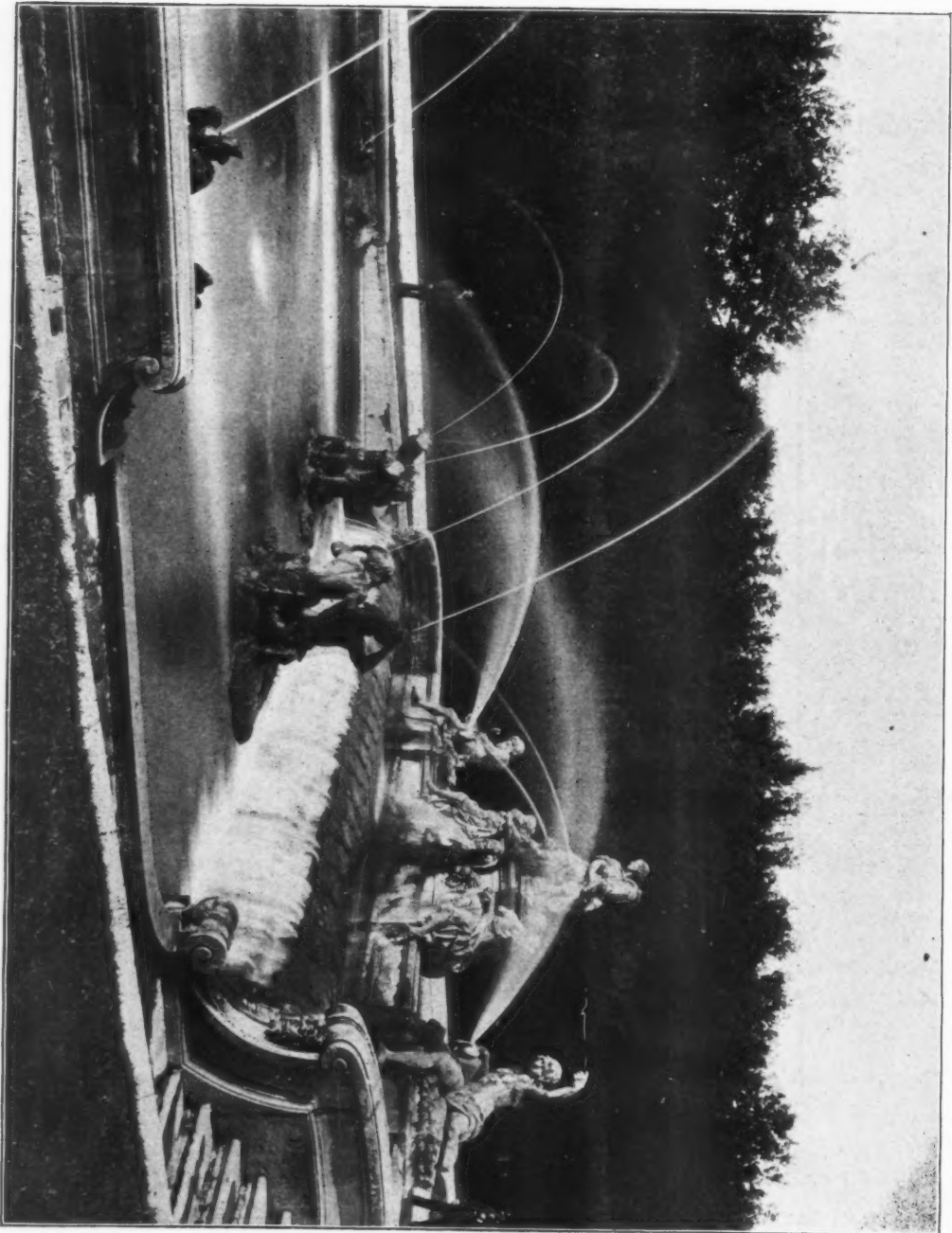
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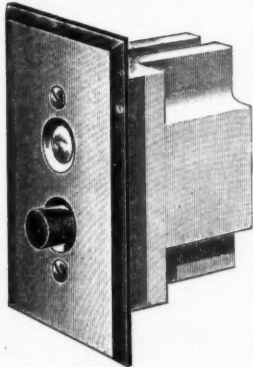
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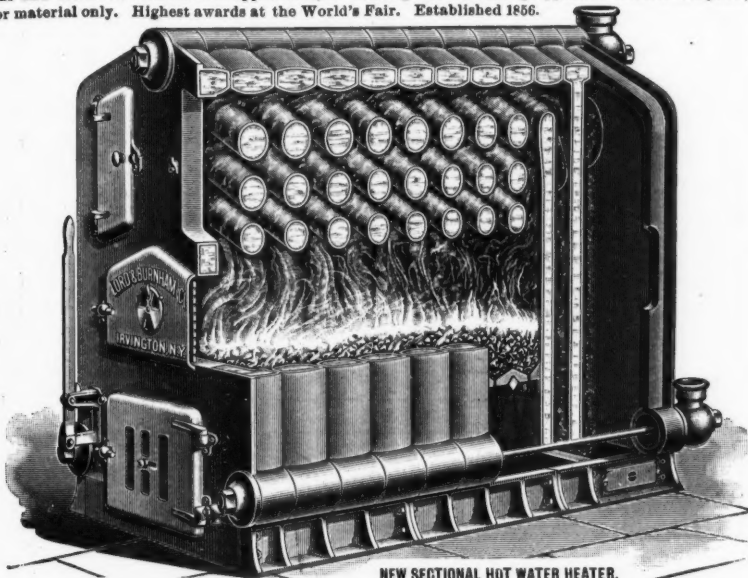
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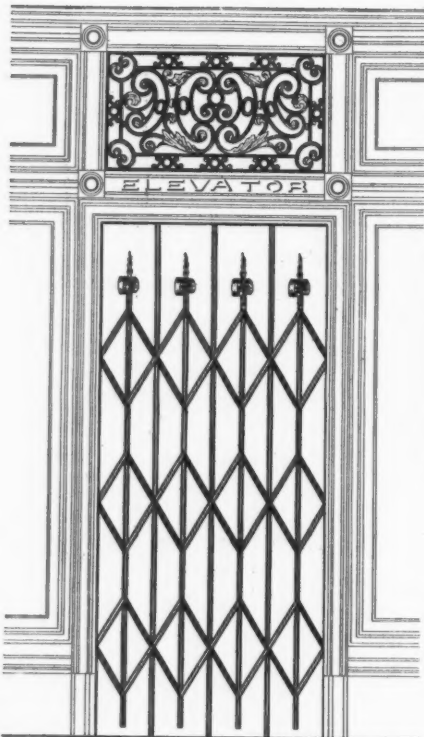
LUMBER SPECIALTIES.

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

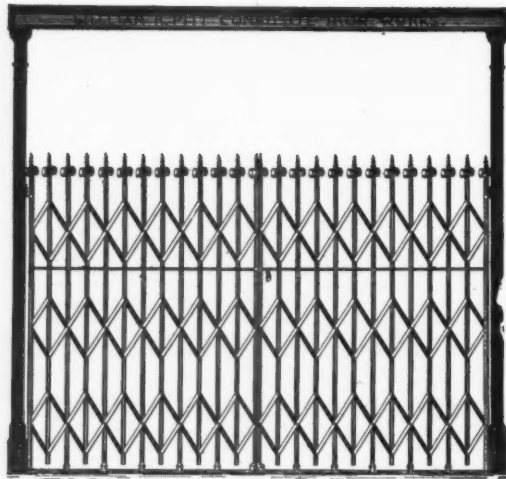
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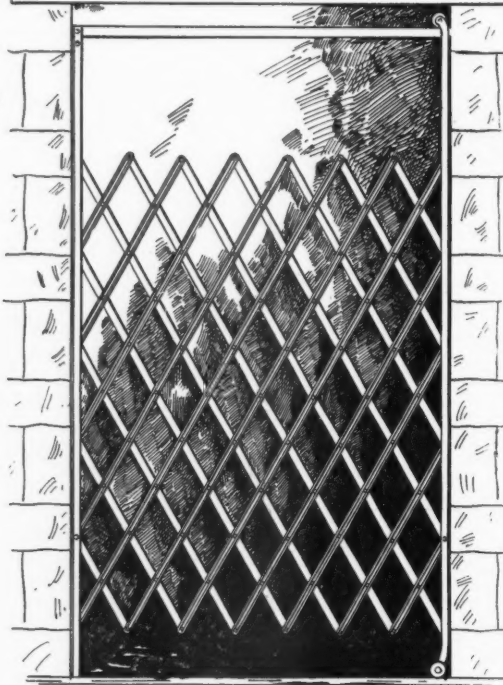


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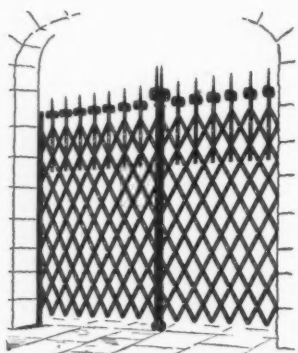


PITT FOLDING-GATE FOR STORE ENTRANCE.

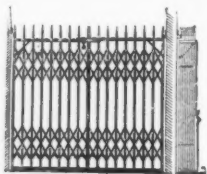
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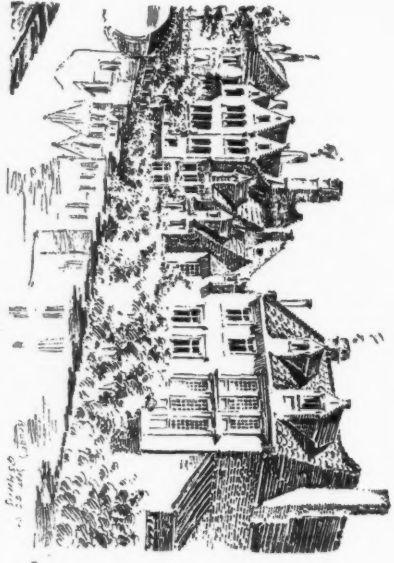
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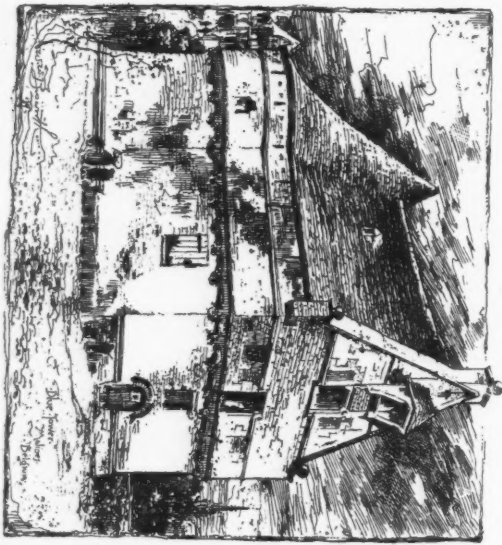
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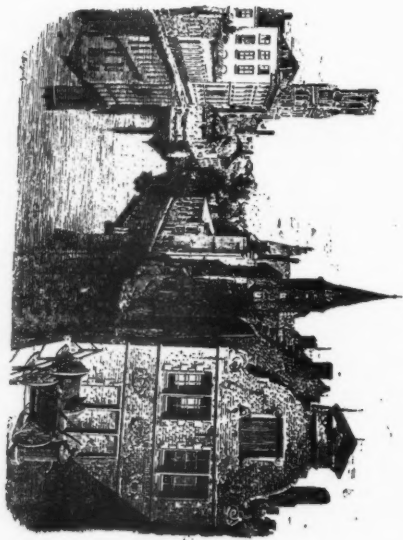
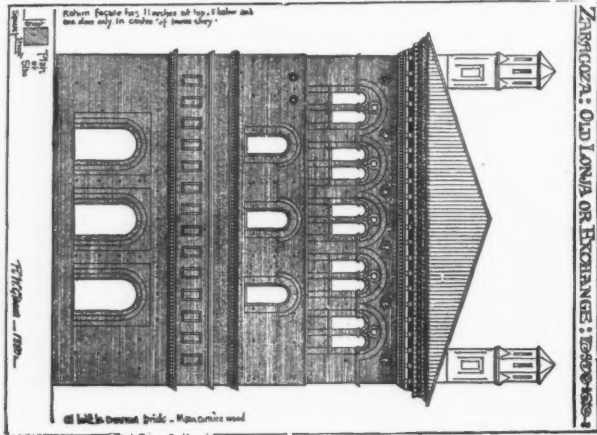
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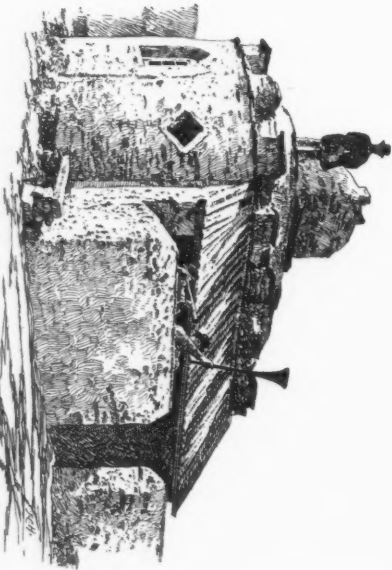
A View in Bruges, Belgium.



The Blue Tower, Malines, Belgium.



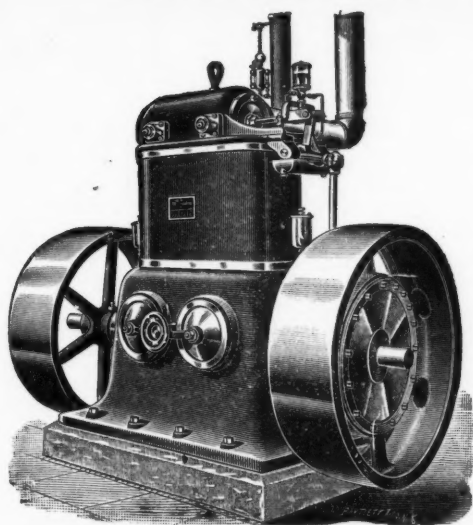
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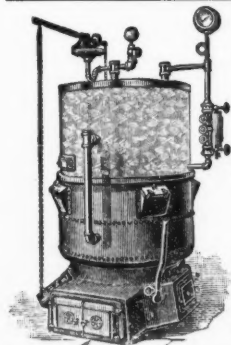
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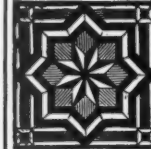
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WESTINGHOUSE MACHINE CO. (Pittsburgh, Pa.), Engines. Page ix.
SAMUEL CABOT (Boston, Mass.), Brick Preservative. Page vii.
R. WILSON PARRY (Merchantville, N. J.), Position. Page xii.
EXPANDED METAL CO. (New York, N. Y.), Fire-proof Lathing. Page xviii.

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- 590,305. WINDOW.—Joseph C. Dunham, Norman, Okla.
- 590,327. FIREPROOFING.—Robert W. Lyle, Perth Amboy, N. J.
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- 590,471. STEAM-BOILER.—Wm. C. Baker, New York, N. Y.
- 590,516. APPARATUS FOR CLEARING SMOKE.—Edward E. Dulier, Richmond, Eng.
- 590,558. BALL-COCK.—Frank Jewett, Hartford, Conn.

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.—The School Board on September 22d authorized the Committee on Buildings to have plans prepared for an addition to School No. 6.
- The St. Vincent's Male Orphanage Home intend to erect a new home building. It will cost \$10,000, of which \$5,300 has been secured. Work will commence as soon as the rest is raised.
- Anderson, Ind.—Indiana United Brethren have decided to build a college. The national and State organization have already voted an endowment of \$100,000. F. A. Z. Kumlter, for years president of Missouri College, at Trenton, will look up a location.

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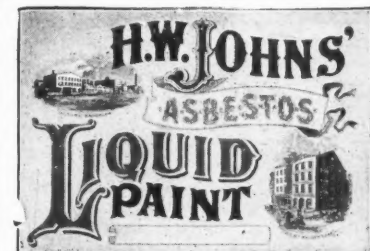
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BUILDING INTELLIGENCE.

- Apalachicola, Fla.—It is stated that the County Commissioners have decided to erect an armory for the Franklin Guards, to cost about \$10,000.
- Asbury Park, N. J.—Local papers state that all bids received for erecting the new High School have been rejected, as they were in excess of the appropriations; new bids will be called for at once.
- Belvidere, Ill.—The Supervisors have voted to erect a new jail and sheriff's residence, to cost about \$15,000.
- Birmingham, Ala.—It is probable that the Mannesman Tube Co. of Remscheid, Ger., will establish a large plant here. The plant will be one of the largest in the world and will cost \$1,500,000.
- Boston, Mass.—Wheelwright & Haven are prepar-

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METRIC CONVERSION TABLE.

The following metric conversion table has been compiled by Mr. C. W. Hunt, M. Am. Soc. M. E.; President of the C. 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 × 1.308	= 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 × 26.42	= 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 × .151	= 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 INTELLIGENCE.

(Advance Rumors Continued.)

ing plans for a four-sty and basement building to be erected at the corner of Massachusetts and Harrison Aves. and to be arranged as a home for the City Hospital nurses. The home will be known as the Ann White Vose building and for which and for its furnishings Ann White Vose bequeathed \$100,000. The city has appropriated the money for the site. It will be 162' x 53', of brick with marble trimmings.

Braddock, Pa. — The First Presbyterian Congregation has decided to erect a new church. Estimated cost \$50,000. The work of building will begin as soon as preliminary arrangements can be completed.

Brighton, N. J. — The City Council has appointed a committee to consider the matter of purchasing a site for a new school-building and also a site for a new school-building in the 2d Ward.

Brooklyn, N. Y. — It is stated that plans have been completed for new buildings to be erected at the Navy Yard for the storage of torpedo boats; estimated cost, \$350,000.

The School Board is discussing the appropriation of \$150,000 for gymnasium for the Girls' High School.

Buffalo, N. Y. — Jas. R. Kimball has drawn plans for a \$7,500 frame church for the St. Paul's Roman Catholic Church Society at Kenmore.

The Academy of the Sacred Heart will build a handsome school-building on its land situated at 733 Washington St. Plans for the structure have been drawn and filed by Architects Metzger & Greenfield. The school is to be four stories high, and 105' x 54' in dimensions. The material will be red pressed brick, with trimmings of cut Medina sandstone. Museum, large play room, refectory, lavatories, great assembly hall and gymnasium are provided for, and to cost \$45,000.

E. ELDON DEANE,

Architectural Colorist and Draughtsman.
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44 Broadway, N. Y. CITY.

Passaic, N. J., Dec. 18, 1895.

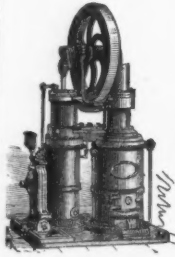
I find that there is no economy in subscribing to the cheaper edition, and that the highest-priced one [the International] is really the cheapest.

W. M. MEEKER.

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THE RIDER-ERICSSON ENGINE CO. begs to announce that, having bought the businesses formerly conducted by

RIDER ENGINE COMPANY and DE LAMATER IRON WORKS,

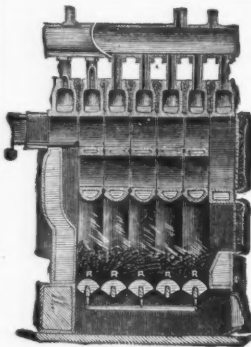
it has been enabled to reduce prices for RIDER AND ERICSSON HOT-AIR PUMPING ENGINES, and will be happy to send Catalogue "B" on application.

Branch stores have been opened in Boston and Philadelphia, at addresses given below, where stocks and samples will be carried, and an investigation of the engines is solicited.

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NEW YORK, PROVIDENCE
PHILADELPHIA.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Cambridge, Mass. — About \$43,000 has already been subscribed for a new church for the First Parish Church. Efforts are being made to secure the remaining \$7,000 during the present year and then the work on the new church will be commenced. Nothing definite has been decided upon in the building plans, but the church will probably be built on the site of the present one, of stone and brick.

Centralia, Mo. — The Baptist Society have decided to build a commodious brick church with a seating-capacity of 800.

Chicago, Ill. — It is reported that a new church will be built by the Kenwood Presbyterian Church, to cost \$300,000.

Cincinnati, O. — The people of Fairview Heights will build a church in that district. Rev. A. C. Adelmann has been assigned pastor.

Local papers state that plans are being prepared by A. O. Elzner for the new Edison Electric Plant to be constructed on Charles and Plum Sts. The building will be 160' x 250', and cost about \$70,000.

Colville, Wash. — Citizens have subscribed \$2,000 toward the erection of a \$10,000 court-house, and the foundation will be put in this fall.

Dodge Center, Minn. — It is stated that the citizens have voted to build a \$10,000 school building.

East Boston, Mass. — Bids for building a new ferry drop here will soon be advertised by Superintendent Welles. Cost, about \$6,000.

East St. Louis, Ill. — The contract for the new City-hall will be let October 4th.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Grant City, Mo. — The citizens have voted in favor of issuing \$25,000 in bonds to build a new Court house and jail.

Holyoke, Mass. — Two new school-houses are contemplated.

Hyde Park, Mass. — The Wood Estate, corner of Maple and Oak Sts., is to be purchased for the site of the new Public Library. Price reported to be \$5,000.

Jackson, Ga. — Messrs. M. T. Lewman & Co., Atlanta, Ga. and Louisville, Ky., secured the contract for building Butts County Court-house in this city, their bid being \$24,470.

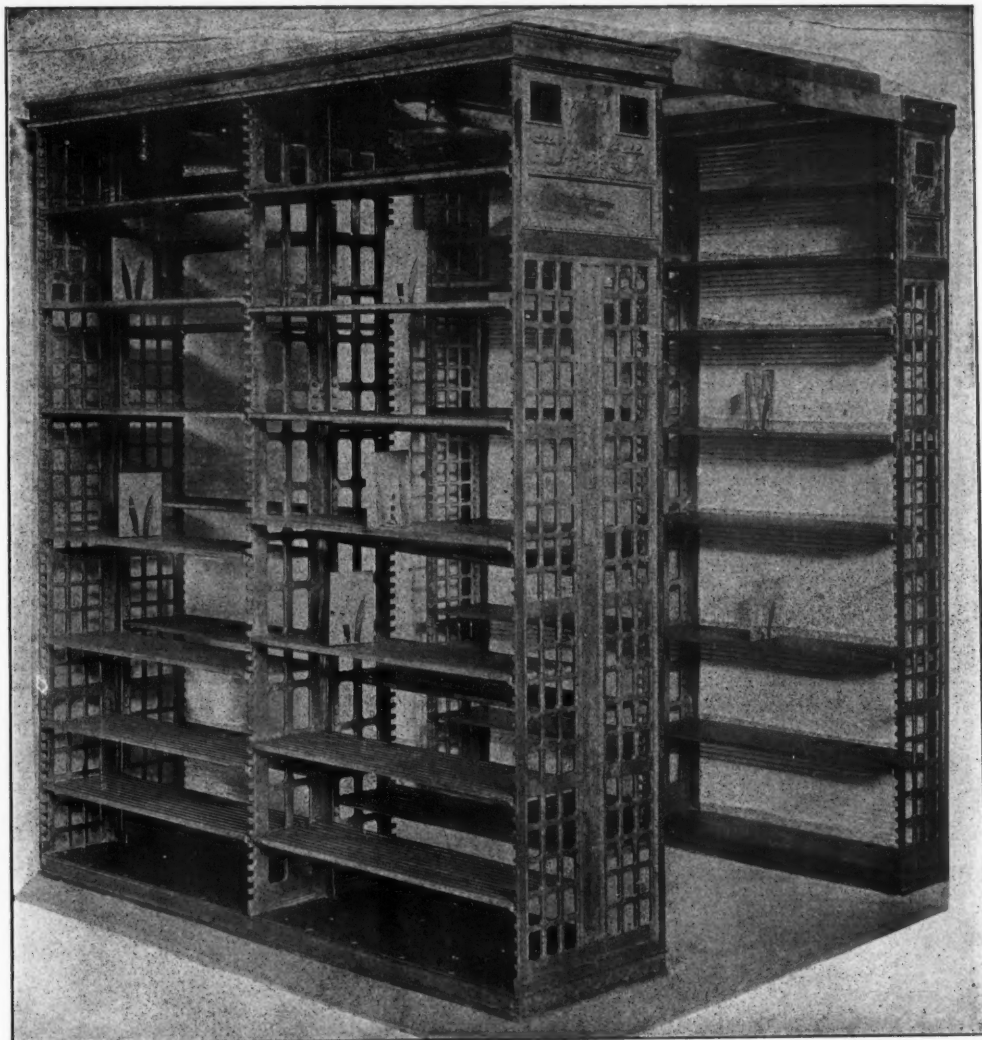
Jefferson City, Mo. — The Grace Episcopal Society have purchased a site for the erection of a new church, Rev. Geo. L. Neide, Jr., rector.

Jersey City, N. J. — Architects will be invited to draw competitive plans for a new church which the Second Reformed Church, of Central Ave., will erect here at an estimated cost of \$40,000. It will be a two-sty building, 50' x 125', of brick and marble, and seat 1,000 people. Will have steam heat and electric light plant.

The congregation of the Second Reformed Church, on Central Ave., has decided to erect a new edifice to cost about \$40,000.

Lexington, Ky. — The Committee on Buildings and Improvements of the Fiscal Court on September 15th rejected all bids received for reconstructing the Court-house on plans prepared by Architect

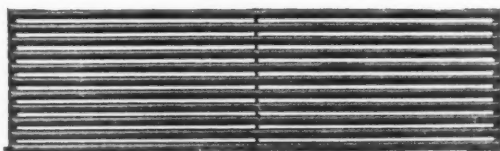
[Continued on page xvi.]



Green Book-Stack FOR Large AND Small Libraries.

The above cut illustrates a double-faced range, an aisle, a wall case and deck construction over the aisle.

The shelf-supports are solid castings one-half inch thick, ground smooth on sides that come in contact with books; there are no cavities or open places to receive and accumulate dust and harbor vermin; they are made as open as possible, consistent with requisite strength.



ISNEAD SHELF.

The shelves are of skeleton construction made of cold rolled steel. Both the shelves and their supports afford perfect circulation of air to the books, and admit light freely. Ventilation and light are indispensable conditions for a modern book-stack.

The shelves are easily removable, adjustable and interchangeable, and of ample strength, with no deflection under their loads, and receive a rigid book-stop for those partially filled with books. There are no loose pieces, such as pins, bolts or stirrups. The book ranges consist of two parts only, the shelf and shelf support.

This stack and shelving has been furnished for the following libraries:

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Public Library, Wheeling, West Va.
Kansas State Agricultural College, Manhattan, Kansas.
Public Library, Exeter, N. H.
New Hampshire State Library, Concord, N. H.
Public Library, Littleton, Mass.
Virginia State Library, Richmond, Va.
Public Library, Nahant, Mass.
Blackstone Memorial Library, Branford, Conn.

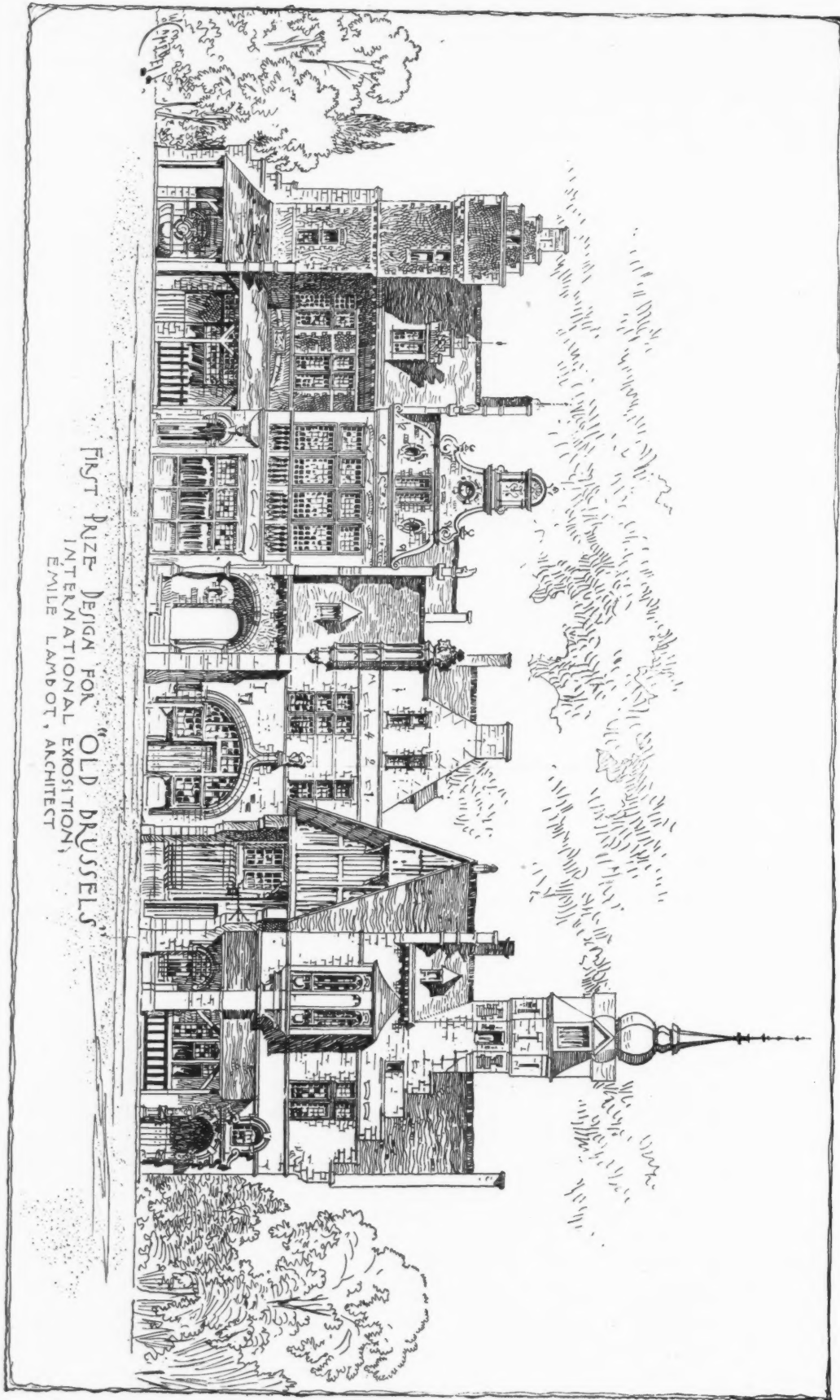
Western Female Seminary, Oxford, Ohio.
State Normal School, Terre Haute, Ind.
Fletcher Library, Westford, Mass.
Y. M. C. A. Library, New York City.
United States Naval Home, Philadelphia, Pa.
Converse Memorial Library, Malden, Mass.
Bowdoin College, Brunswick, Maine.
Portland Public Library, Portland, Maine.
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Topographical Index of Advertisers.

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

Table with columns for various states: CONNECTICUT, MASSACHUSETTS, NEW YORK, ILLINOIS, INDIANA, KENTUCKY, PENNSYLVANIA, TENNESSEE. Each column lists local businesses and their specialties.

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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, Sidewalk Lights. Artistic work in Wrought and Cast Iron, Brass and Bronze. Designs and Estimates of Cost Furnished for Work in any Department.

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None genuine unless stamped with our Trade Mark.

CHROME STEEL WORKS,
Kent Ave., Keap and Hooper Sts., BROOKLYN, N. Y.

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.

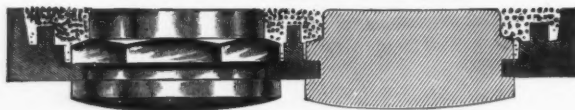
Higgin Metal Frame Screens

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 without saying. Write for illustrated pamphlet and prices.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Rowe, they being all in excess of the proposed cost, \$55,000. The architect will prepare new plans.

Lisbon, N. D.—The erection of a \$25,000 courthouse is being agitated.

Little Rock, Ark.—The First M. E. Society (South) have decided to commence work October 1st on the erection of a new church, Rev. C. E. Pattilla, pastor.

Malden, Mass.—The matter of the new school-house for Ward 3 to be built on the Pratt & Gallagher lots, at an estimated cost of \$50,000, is in the hands of the committee, of which Alderman D. J. Flanders, general ticket agent B. & M. R. R., is chairman. There will be open competition.

Madison, Wis.—Work will be commenced this fall on the State Reformatory, which is to be erected between De Pere and Green Bay. The contract for building the foundation will be let. The cost of the entire building when completed will not be far from \$600,000. It will cost \$10,000 for the plans and specifications alone. No more money in addition to the original appropriation of \$75,000 will be available for use until the next session of the Legislature.

Minneapolis, Minn.—The Chicago, Milwaukee & St. Paul Ry. Co. has decided to erect a large railway station on S. 3d Ave. and Washington. It is understood it will be thoroughly modern and will cost no less than \$100,000.

Muncie, Ind.—The Grace Episcopal Society intend building a new church.

Memphis, Tenn.—The Board of Education on September 13th decided to reject all bids received for erecting the proposed Poplar St. High School, they all being in excess of the appropriation, \$40,000, and Architect Shaw was asked to revise the plans.

New Albany, Ind.—Plans are being drawn for a new depot, to be built in this city by the Air Line.

Newark, N. J.—\$10,000 has been raised for the proposed Masons' State Home. As soon as a site is selected the work of construction will probably be begun.

Plans and sketches for the new \$1,000,000 Catholic Cathedral which, as reported in previous issues, will be erected here, must be submitted on or before October 9. A meeting of the Building Committee will then be held to select the architect.

New Hampton, Ia.—The St. Joseph Catholic Society decided to build a modern brick church at

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the beginning of the year. The plan provides for a building 115' x 55'.

New London, Conn.—Dudley Donnelly has prepared plans for alterations and additions to the Pequot House to cost about \$100,000. There is to be a five-story frame addition, 180' x 260', and also a five-story brick culinary building. The proprietors, Blanchard & Hagar, expect to have the work completed before the next season.

New York, N. Y.—The competition among New York architects for the commission for the new National Academy of Design, on Morningside Heights, will close October 31, when all designs must be submitted. In this limited paid competition the following architects were invited to compete: Geo. B. Post, Henry J. Hardenburgh, Babb, Cook & Willard, Carrère & Hastings, Edward P. Casey and Ernest Flagg. Each competitor will receive \$500 and the author of the design chosen is to receive the commission. The jury will be composed of four academicians: Jas. M. Hart, Fredk. Dielman, Edwin H. Blashfield and J. Carroll Beckwith and three architects, Charles F. McKim, John G. Howard and Robert S. Peabody.

Local papers report that a new three-story theatre is to be built on the corner of the Boulevard and 65th St., on land now owned by Louis W. Dinkel-spiel, and to cost \$75,000. Plans have been drawn for the parties who are to lease the premises.

The name of the successful architect in the competition for furnishing the plans for the City College will be announced about December 1st. The Building Committee consists of A. P. Montant, J. J. Little and Alex. S. Webb, president.

Plans have been prepared by Henry J. Hardenburgh for a fifteen-story addition to the Hotel Manhattan, James J. Belden, owner.

Plans have been completed for the public school building No. 165. It is to be five stories, fireproof steel skeleton construction. Exterior to be of granite, limestone, gray brick and terra-cotta. Contract price, \$303,107, and located on 108th and 109th Sts., near Amsterdam Ave. Also for public school No. 166, to be erected on 89th St., between Amsterdam and Columbus Aves., on lot 250' x 125'. The construction to be similar to that of School No. 165. Contract price is \$233,000.

A new building for the use of the American Geographical Society is contemplated, as there is a fund of nearly \$400,000 now in hand. Their present quarters are in W. 29th St. Ex-chief Justice Chas. F. Daley is president of the society.

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Manufacture all their products, both in

WROUGHT-IRON AND OPEN-HEARTH STEEL, BEAMS, CHANNELS, ANGLES, ZEEs, TEES, ANGLE BULBS AND STRUCTURAL SHAPES OF ALL KINDS.

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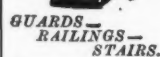
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NEW YORK OFFICE: 163 West 23d Street.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Norfolk, Va.—Messrs. Carpenter & Peebles have completed drawings of a new hospital in Chent, to be erected by the management of the Retreat for the Sick. It is hoped that one wing of the Administration Building, which will cost \$30,000, may be erected immediately. The design calls for a building designed on the lines of English work, which is to be constructed of red brick, with stone trimmings.

Old Lyme, Conn.—Charles H. Luddington, of New York, has offered to donate \$10,000 to the town for a Public Library, the only condition being that he be allowed to name the architect. The offer has been accepted.

Omaha, Neb.—The Burlington & Missouri River Railroad has taken out a permit for the erection of a passenger-station to cost \$300,000. The Burlington Railroad Company will erect a fine new Union Depot. Cost about \$300,000. Plans have been prepared by Chas. F. Berndorf, architect, for the horticulture building to be erected at the Exposition grounds. Call for bids will be advertised shortly.

Osawa, Ia.—L. McNeill, County Auditor, will receive bids until October 15 for constructing a steam or hot water heating plant for the Courthouse, plans and specifications to accompany bids.

Oswego, N. Y.—The contract for erecting the new school building at this place is stated to have been awarded to Ambrose Paine & Son, of Oswego, at \$11,537.

Owatonna, Minn.—The council has arranged for the purchase of a site for the Public Library building. The building is to cost \$10,000.

Parkersburg, W. Va.—A modern hotel will be built by H. C. Van Winke near the B. & O. depot.

Pekin, Ill.—It is stated that the directors of the Peoria & Pekin Union Railway Co. have voted to build a new Union Depot at Pekin.

Petersburg, Ill.—Wm. C. Smoot has secured plans and specifications from Bullard & Bullard, of Springfield, for an \$18,000 hotel, to be erected this fall on Second and Market Sts. Three stories, brick, stone and terra-cotta.

Philadelphia, Pa.—Edw. F. Durang is preparing plans for buildings to be erected on the lot belonging to the parish of St. Columba's Catholic Church, having a frontage of 400' on Lehigh Ave. and a depth of 170' on 23d and 24th Sts. The improvements projected comprise a fine church, 72' x 160', the parsonal residence, sister's convent and the school-building. The latter will be the first structure to be commenced, and will be 70' in width by 135' deep. The first story will contain a fine lecture hall 16' to 20' high. The second and third floors will be 14' high in the clear, and will each be divided into eight class-rooms, two recitation rooms, hat and coat closets and library. The full seating capacity for pupils will be 800. The boiler-house and lavatory will be in the rear, on Showaker St. The external facing stone will be Port Deposit stone with Indiana dressings. Rev. Walter P. Gough has charge of the matter.

Contractor Chas. McCaul is taking estimates for a two-story and attic Ward for Consumptives, that is to be built for the Presbyterian Hospital at Devon. The building will be constructed entirely of Port

THE J. L. MOTT IRON WORKS,

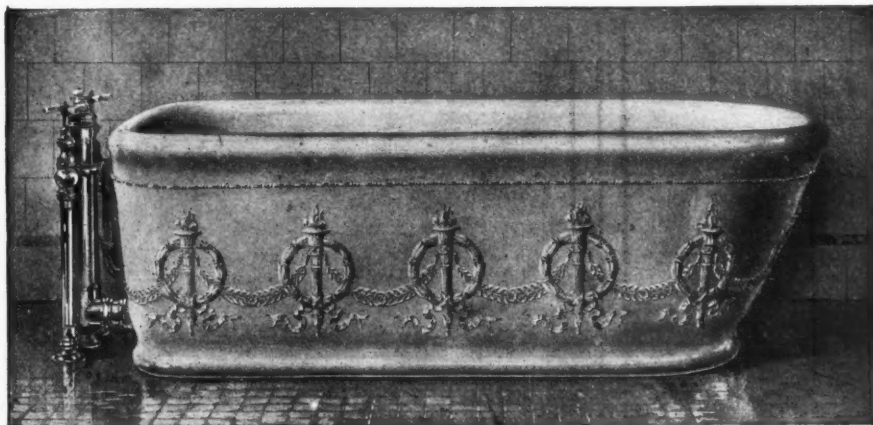
84-90 BEEKMAN STREET, NEW YORK.

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.

(Alterations and Additions Continued.)

Deposit stone and will measure 95' x 34'. It will adjoin the Cathart Home and will be connected with it by a passageway 36' long.

Contractor E. A. Roth started recently to put up 30 two-st'y dwells, and 2 three-st'y stores and dwells, on the east side of 17th St., between Wingo-hocking and Courtland Sts. They will measure from 15 to 16 by 59', and will have handsome fronts of brownstone, pressed brick and galvanized iron. The operation is estimated to cost \$63,000. John R. Scott is the owner.

Field & Medary have prepared plans for a home to be erected at Edgely and Monument Aves. for the Methodist Episcopal Church. Other architects will furnish designs.

J. Cather Newsome has finished plans for 80 houses to be erected at 58th St. and Woodland Ave. for J. Jackson & Son, Chester, Pa.

\$100,000 has been appropriated for beginning construction on a Fine-Arts Building.

Pemberton & Co., real estate operators and builders, have started the erection of 28 handsome two-st'y dwelling-houses, on the west side of 59th St., extending from Girard Ave. to Thompson St., and from Thompson St. to Master St., in the 34th Ward. These houses will be built in pairs, on lots 20' front by 90' deep. They will contain eight rooms each.

Friends of the Philadelphia Free Library gained a signal victory when Common Council, by an almost unanimous vote, decided to recede from its position of a week ago, when the \$1,000,000 for a free library building in the \$11,000,000 loan bill was stricken out. The money needed for the library building was placed back in the bill. The bill will be considered in Select Council, and it is hoped to have it passed in that chamber without any change.

Isaac Dunne & Co. have started a building operation that is estimated to cost \$100,000. It will consist of 36 three-st'y houses, each measuring 15' 10" x 50', that are to go up on the north side of Eaglesfield St., from 38th to 39th St.

Operative Builder John McCrea is preparing to build 76 dwells, in West Philadelphia. They are to be two stories high, 16' x 50', and will be constructed of Pompeian brick and stone. They will be erected as follows: 16 on the east side and 10 on the west side of 58th St., above Callowhill; 24 on the east and west sides of Wanamaker St., above Callowhill, and 26 on the east and west sides of Hobart St., above Callowhill.

Architect J. C. Newson has finished plans and is taking bids on 80 houses that are to be erected at 53th St. and Woodland Ave. for J. Jackson & Son, of Chester. They are to be three stories high, 17' x 55', and will have handsome fronts of Pompeian brick, with local stone trimmings.

It is stated that competitive plans are now being prepared for the new home for aged people to be erected on Edgely and Monument Aves. for the M. E. Home of the Aged of this city; estimated cost, \$100,000.

Local papers state that Engineer Brown of the Pennsylvania Railroad Co., 15th and Market Sts., has finished final plans and is taking bids on a passenger station to be built at Germantown Junction for the Pennsylvania Railroad Co.; estimated cost, \$200,000.

BUILDING INTELLIGENCE.

Advance Rumors (Continued.)

Architect Geo. C. Mason is preparing plans for a school-house to be built at 1422 to 1426 Pine St., for the Delancey Academy, now at 17th St. and Delancey Ave. It will be six stories high, and will be constructed of stone, brick and iron.

(Continued in Supplement.)

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.

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Committee of Experts appointed by the National Sculpture Society.

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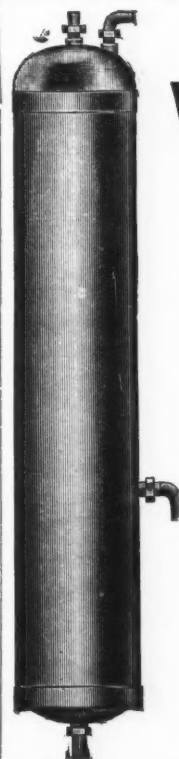
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PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., September 27, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of October, 1897, and opened immediately thereafter for furnishing all the labor and materials and fixing in place complete, low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Post-office and Custom-house building at Racine, Wis., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Super-



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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 ma-

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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

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PROPOSALS.
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-clock 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

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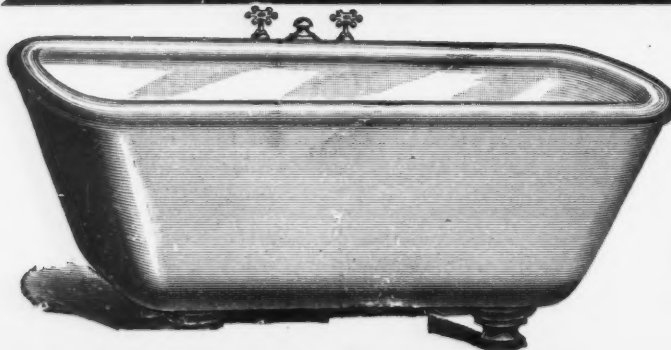
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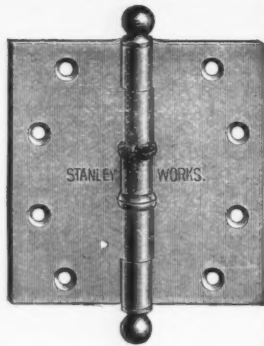
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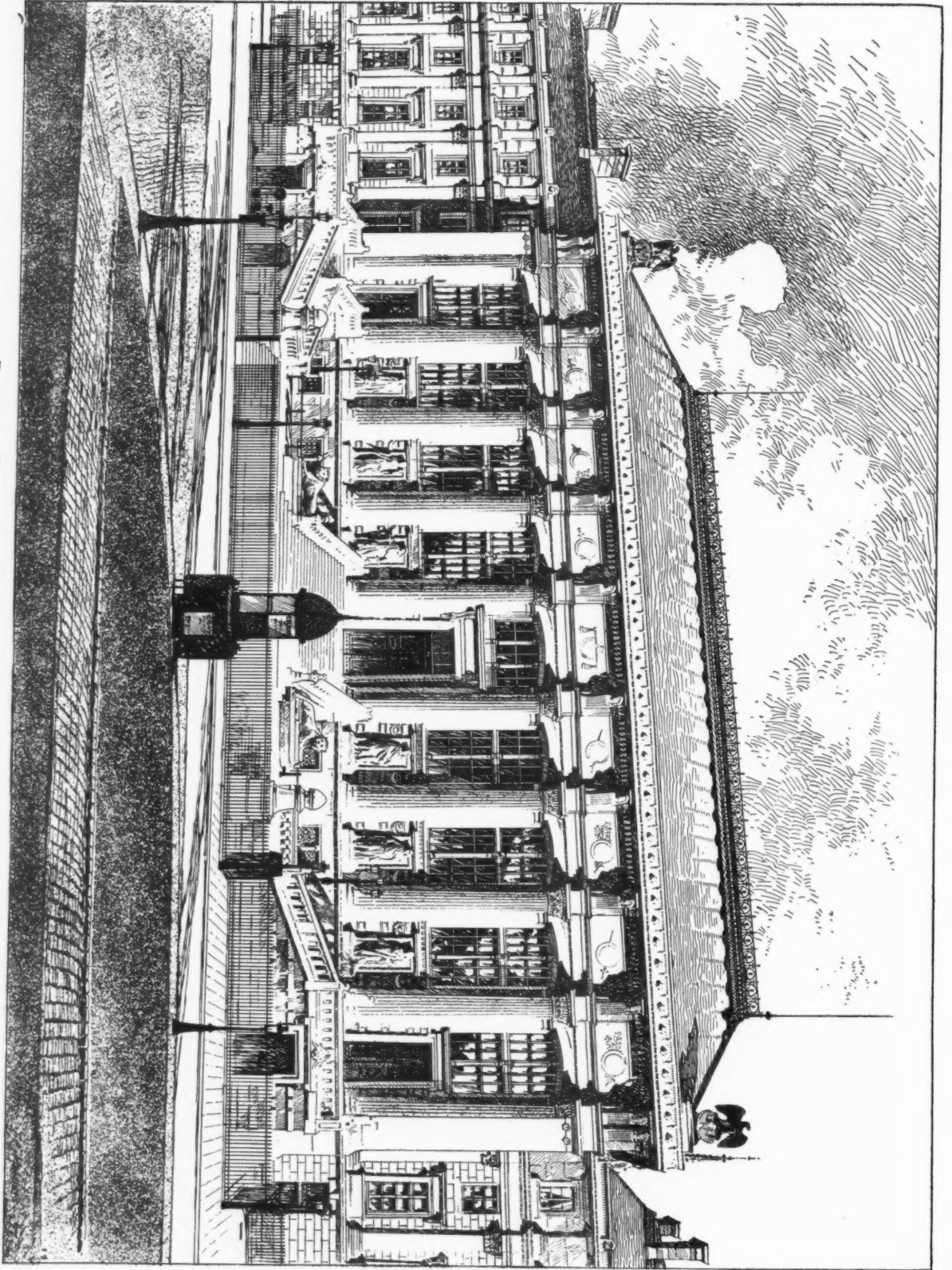
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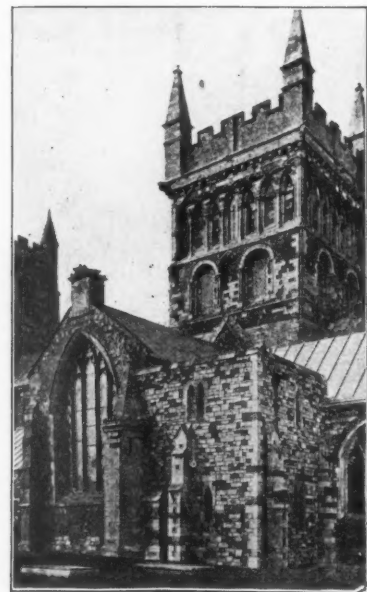
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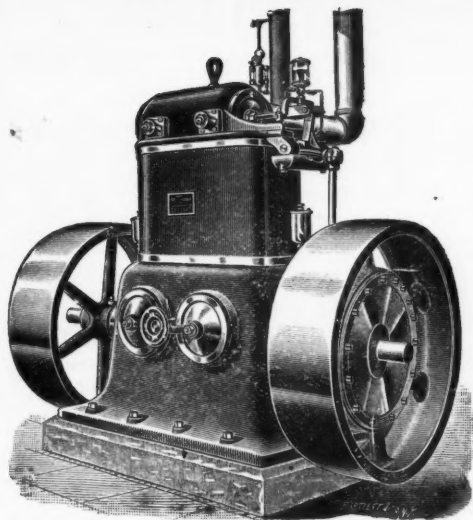
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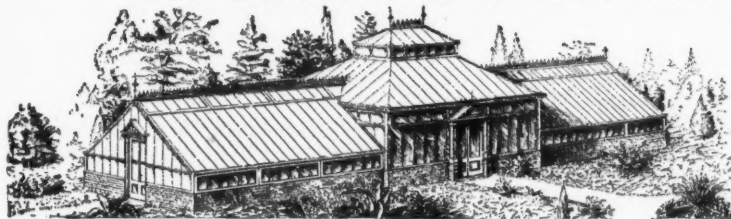
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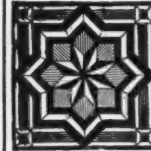
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J. H. FREEDLANDER (New York, N. Y.), School of Architecture. Page 1.

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Millimetres × 0.3937	= 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 ounces. (U. S. P.)
Cubic metres × 35.315	= Cubic feet.
Cubic metres × 1.308	= Cubic yards.
Cubic metres × 261.2	= 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.
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Cheval vapeur × .9863	= Horse-power.
(Centigrade × 1.8) + 32	= Degrees Fahrenheit.
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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.

Arverne, L. I., N. Y.—Architect G. A. Edelvard, 140 Nassau St., has been selected to draw plans for the new \$25,000 school which will be erected here for the Board of Education, John Lefferts, president. Building will be two stories high, 75' x 76', of buff brick and Indiana limestone with terracotta trimmings.

Ashland, O.—It is reported that bids are wanted October 15 for a heating and ventilating system for the new County Infirmary, Cloyd Mansfield, County Auditor.

Atlanta, Ga.—It is reported that the First Methodist Church will erect a new edifice in this city. Plans prepared by arch. J. H. Dunwille are stated to have been accepted for a new armory for the 5th Regiment, to be erected on Hunter St., to cost about \$42,000.

Belleville N. J.—Plans for a new church for the Wesley Methodist Episcopal Society have been accepted and site purchased at the corner of Washington Ave. and Academy St.

Boston, Mass.—Plans have been made by Shaw & Hunnewell for the new hospital to be erected on Charles and Fruit Sts. for the Massachusetts Charitable Eye and Ear Infirmary. The new building, or rather the main structure, for there is to be a small isolated ward, will be 124' front and 172' deep, four stories in height and constructed, exteriorly, of red brick and light-colored terra-cotta. It will be strictly fireproof and fitted with all the latest arrangements to insure a light and healthy hospital. The plumbing and sanitary equipment will receive special attention.

Brooklyn, N. Y.—John L. Young, No. 1221 Fulton St., is preparing plans for 5 two-story limestone brick dwellings, for James G. Roberts, builder, of No. 1224 Fulton St., the total cost of the projected buildings being estimated at \$45,000.

Buffalo, N. Y.—Plans have been prepared for a new building for St. Boniface's school. It will be of brick, three stories and basement, and will cost about \$40,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Superintendent Emerson, of the public schools, has asked for four new school-buildings to be erected by next year.

This city is soon to have a new bath-house. The matter is being pushed by Health Commissioner Wendt.

Plans have been completed for the Buffalo Academy Building. It will be of brick, three stories high and will cost about \$45,000. Metzger & Greenfield are the architects.

Butler, Pa.—The School Board has been ordered by the court to erect a new school-building and the work will be commenced at once.

Cape May, N. J.—The congregation of the Cape Island Presbyterian Church contemplates erecting a new edifice on Decatur and Hughes Sts., to cost about \$24,000.

Centralia, Mo.—The Baptist Church of this city has decided to begin at once the erection of a modern brick church on the site of the present frame church building, Dr. E. B. Dillard, pastor.

Chicago, Ill.—Architect R. E. Schmidt, 172 Washington St., is completing plans for an addition to the Alexian Bros. Hospital in St. Louis, at a cost of about \$50,000.

Smith & Spinning, 1018 W. Madison St., are preparing plans for a \$48,000 store and apartment-building, 65' x 125', at the corner of Western and Warren Aves. It will have pressed-brick and terra-cotta exterior, slate tower, marble entrances and all modern conveniences.

Plans are being prepared in the office of Norman S. Patton, school architect, 1117 Schiller Building, for an addition to the Farrin School, Wabash Ave. and 61st St., at a cost of \$75,000.

Local papers state that plans are being prepared for a \$50,000 addition to the Englewood High School, David W. Wood, of Englewood, is Chairman of Committee.

Cincinnati, O.—Architect M. H. Burton has prepared plans for a new post-office building, to be built in Avondale. The plans have been forwarded to Washington and have practically been accepted.

Claremont, Minn.—The district will be bonded for \$10,000 to erect a 6-room brick school-house.

Danvers, Mass.—Chas. E. Day will build a stable on his premises on Summer St.

Davenport, Ia.—The plans prepared by Gattschalk & Beadle, of Galesburg, have been selected by the Presbyterian society for the \$40,000 church to be erected.

Dodge Center, Minn.—The district voted to erect a \$10,000 school-house.

Fort Wayne, Ind.—The School Board has decided it necessary to build the Hoagland School and erect a new high school.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Franklin, Pa.—It is stated that the Franklin School Board has purchased a site for a new high school, to cost about \$25,000.

Jersey City, N. J.—The plans prepared by Herman & Neumann, architects, for the proposed new school-building have been accepted by the Board of Education. It will be 212' x 129' with blue-stone foundation, pressed-brick above and Ohio sandstone and terra-cotta trimmings. Estimated cost at \$42,000.

Kirksville, Mo.—Adair County will build a \$50,000 Court-house and jail as soon as the judges can select an architect.

La Crosse, Wis.—The brewery building of the John Gund Brewing Co., which was damaged by fire to the extent of \$300,000, will be rebuilt. The plant will be rebuilt as soon as the debris is cleared away.

Los Angeles, Cal.—The Los Angeles Traction Co. will shortly begin the construction of an extension to the University at San Pedro. The Southern Pacific Railroad has plans for a depot and warehouses to be constructed at San Pedro.

The City Council has decided to call an election to vote on the question of issuing \$339,000 school bonds.

Madison, Wis.—The Board of University Regents is considering the matter of an addition to University Hall.

Manchester, Mass.—Reports state that James H. Morse, of Beverly, intends erecting a large hotel here.

Marquette, Wis.—It is stated that the Lawrence University is to have a new science hall, to cost about \$30,000.

Memphis, Tenn.—The Board of Education has decided to reject all bids for erecting the proposed new Poplar St. high school, they all being in excess of the appropriation of \$40,000. A new set of plans will be prepared.

Minneapolis, Minn.—Local papers state that plans have been prepared by Warren H. Hayes, architect, for the new Asbury Hospital to be erected on S. 9th Ave., facing Elliot Park.

Owen & Hille, 400 Lumber Exchange, have been awarded the contract for the erection of the Indian School-building at Flandreau, S. D., for \$40,000.

Montclair, N. J.—The Young Men's Christian Association has purchased a building plot on Bloomfield Ave. of the First Presbyterian Church Society. The lot is 60' x 150', is centrally located, and the new building will be erected as soon as the plans, which are now complete, are accepted.

Mt. Vernon, N. Y.—At a meeting of the Board of Education September 27 it was decided to reject all bids received for heating and ventilating the new school at West Mt. Vernon and asking for new bids.

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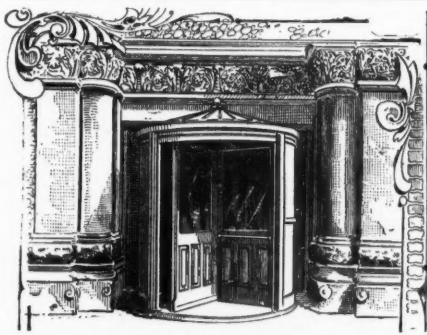
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The contract for erecting the building was awarded to Dawson & Aroher at \$30,945.

Newark, N. J.—The Newark Common Council recently appropriated \$100,000 for the erection of new public schools. This is in addition to the regular annual appropriation for the construction of new school-buildings.

New Britain, Conn.—Plans prepared by W. H. Cadwell, architect, are stated to have been accepted for a new building for the Vega Society, to be erected on Arch St., to cost about \$20,000.

New York, N. Y.—It is reported that Geo. Crocker, the California millionaire, is to build a large residence at the corner of 5th Ave. and 64th St.

The Board of Estimate and Apportionment has appropriated \$500,000 for the Botanical Garden building in Bronx Park.

Oshkosh, Wis.—The Board of Education has recommended to the council the purchase of a site for a new school-house in the northern part of the city.

Owatonna, Minn.—It is stated that a new library will be erected here at a cost of \$10,000.

Pekin, Ill.—The directors of the Peoria and Pekin Union Railway Co. have decided to build a new union depot in this city.

Philadelphia, Pa.—Architects Milligan & Webber are preparing plans for the new building for the Union Presbyterian Church, to be erected at 62d St. and Woodland Ave. It will be built of stone and brick, with a slate roof, one story high with a basement. The entire cost, including pews, pulpit, furnishings, etc., will not exceed \$30,000.

The Common Council on September 23 voted in favor of erecting a building for a central free library, to cost with site \$1,000,000.

The plans for the new Baltimore Ave. Baptist Church, which has previously been described in this column, are now completed, and the contract will shortly be awarded. The new building will be a

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

very imposing stone structure, and will be located at 52d and Baltimore Aves.

Pittsfield, Mass.—George R. Barber has had plans completed for a \$20,000 stable to be erected near North St. The structure will be three stories, 60' x 160', and have 25 box stalls. It will have all the latest improvements and conveniences known and be ready for occupancy January 1st. It will accommodate 82 horses.

The Pontoosuc Woolen Co. will soon erect new brick building to increase the capacity of their mill. It will be 150' x 58' and have brick annex.

Rahway, N. J.—The contract for erecting two new school-buildings at this place is stated to have been awarded to E. W. Hooper, at \$31,600.

San Jose, Cal.—A press report states that a new theatre will be erected on 1st and Market Sts. Mayor Pheelan, of San Francisco, is said to be interested.

Sheboygan, Wis.—The School Board will take steps at once for the erection of a new school-house in the 5th Ward next season. The erection of a new high school is being considered also.

Sioux City, Ia.—The Methodist conference at Ida Grove took steps to raise funds for the extension of the Morning Side College buildings. A brick structure, to accommodate 600 to 800 students, is contemplated.

Sioux Falls, S. D.—The erection of a new high school building is being considered, and the matter will probably be voted on at the fall election. Estimated cost, \$50,000.

St. Louis, Mo.—Mr. J. L. Mauran is getting up plans for the new Country Club, which will resemble but improve upon the old structure, which was destroyed by fire.

Architect Louis Mullgardt is completing a set of plans for the new Field Club, which will probably be built at Bissell's Point.

BUILDING INTELLIGENCE.

Syracuse, N. Y.—The Common Council on September 22 appropriated \$20,000 for a new school-building in the 8th Ward.

Toledo, O.—It is reported that the Church of the Good Shepherd will erect a new church.

Virginia, Minn.—\$7,000 was voted for the erection of a new school-house.

Waltham, Mass.—A committee has been appointed to select a site for the new high school. Mayor Bond is Chairman.

Washington, D. C.—Architect H. B. Davis is to be Architect Smithmeyer's assistant in preparing plans for the new emigrant building at Ellis Island, New York Harbor.

Architects Hornblower & Marshall have been appointed to assist the Inspector of Buildings in the preparation of plans for a school-building to be erected on lots 35 to 40, inclusive, in square 44. They will receive \$500 for the work.

W. H. Poindexter, architect, has been appointed to assist the Inspector of Buildings in the preparation of plans for a new school-building to be erected in Todd & Brown's subdivision.

The Secretary of the Interior on September 23d approved the plans for the construction of the school structure and other buildings to be erected on the Vermilion Lake Reservation of the La Pointe agency. The improvement will cost about \$35,000.

The Roman Catholic order of the Capuchin Fathers has purchased 44 acres of land in the suburbs of Washington, nearly adjoining the land of the Catholic University and of the new Trinity College of Notre Dame, on which it purposes to erect a college and novitiate house affiliated with the Catholic University, where young men can be educated and trained for their own order. The new building, which will be begun, it is said, in November, will be the largest in this country devoted to a special religious community, and will be regarded as the mother house of the American section of the order. It is stated that the detailed plans have been made at Pittsburgh, Pa.

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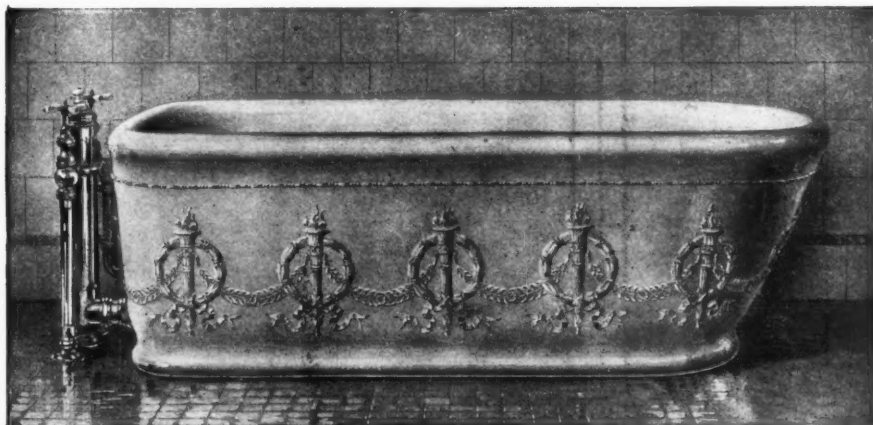
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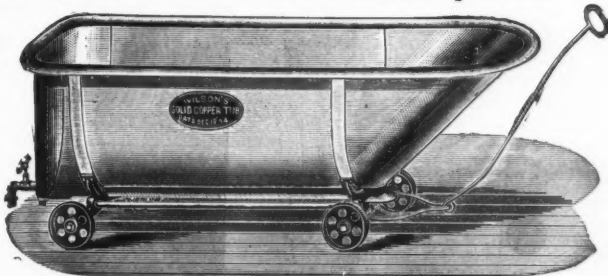
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BUILDING INTELLIGENCE.

(Houses Continued.)

St. Augustine, Fla.—2½-st'y st., bk. & fr. dwell., 47' x 53'; \$8,000; o., Ween Olson; a., W. S. Hunt, Minneapolis, Minn.

St. Louis, Mo.—Four two-st'y dwells., Cleveland St., bet. Tower Grove & Kiernan Sts.; \$16,000; o., P. H. Gray & Bro.

Two-st'y store & dwell., s s Salisbury St., bet. 23d & 25th Sts.; \$10,200; o., Wm. Kiefaber.

Two two-st'y dwells., s s Maple St., bet. Clarendon & Union Sts.; \$8,000; o., Charles C. Newberry.

Three-st'y dwell., s s Raymond Pl., bet. Academy & Clarendon Sts.; \$5,000; o., Mr. T. J. Hickman.

Two-st'y dwell., s s Wichita St., bet. Taylor St. & King's Highway; \$5,000; o., George Schenk.

Bartner Ave., No. 5849, 2½-st'y bk. dwell., 37' x 64', slate & comp. roof, hot air; \$7,000; o., not stated; a., A. P. Hyatt, Odd Fellows Building.

Euclid and Lotus Aves., two-st'y bk. dwell., 35' x 51', slate roof, hot air; \$7,000; o., Mrs. Cummings; a., Matthew & Clarke, Union Tr. Building.

Flora Boulevard, nr. Grand Ave., 2½-st'y bk. dwell., 34' x 52', slate roof, hot water; \$7,500; o., George Ender; a., Ernest J. Hess, 1403 Chemical Building.

Tarrytown, N. Y.—2½-st'y fr. dwell.; \$8,500; o., A. P. Cobb; a., Wm. H. Mersereau, 39 Broadway.

Worcester, Mass.—Princeton St., three-st'y fr. dwell., 23' x 62'; \$5,500; o., Mrs. C. Cooney; o., Higgins & Kennedy.

Winsor St., three-st'y fr. dwell., 25' x 46'; \$5,000; o., C. R. Rathburn; o., A. E. McDonald.

Germain St., two-st'y fr. dwell., 34' x 39'; \$5,000; o., G. H. Burtis; a., W. H. Harvey; o., C. A. Vaughn.

Lincoln St., two-st'y fr. dwell., 27' x 63'; \$5,000; o., A. H. Burton; a., George H. Clemence; o., F. J. Goff.

OFFICE BUILDINGS.

Ada, Minn.—Two-st'y & base. bk. & st. bank-building, 75' x 50'; \$20,000; o., First State Bank of Ada; a., Bertrand & Chamberlin, Minneapolis.

MERCANTILE BUILDINGS.

New York, N. Y.—Nineteenth St., nr. 5th Ave., eight-st'y bk. & st. store & loft-building, 75' x 100'; \$150,000; o. & a., Fredk. C. Zobel, 53 W. 24th St.

BUILDING INTELLIGENCE.

STABLES.

Boston, Mass.—Chelsea Ave., nr. Ford St., Ward 1, fr. stable, 14' x 16'; \$300; o. James T. Biggin, on premises; a., Thomas Yeomans.

Kenneth St., nr. Beech St., Ward 23, 1½-st'y fr. stable, 24' x 28', pitch roof, stoves; \$700; o., Otis Clapp; a., M. H. Fossett.

Mt. Vernon St., nr. Perham St., Ward 23, 1½-st'y fr. stable, 30' x 30', p-tch roof; \$500; o., John S. Smiley, 16 Humphreys St.

TENEMENT-HOUSES.

St. Louis, Mo.—Twentieth St., nr. Gardner St., 10 two-st'y bk. tenements; \$5,000; o., S. Curl.

THEATRES AND HALLS.

Summit, N. J.—Springfield Ave., 3½-st'y bk. building for store, ball & music rooms, 30' x 65'; \$10,000; o., John H. Nelson; a., J. C. Cady.

WAREHOUSES.

New York, N. Y.—Wooster St., Nos. 149-153, eight-st'y bk. fireproof warehouse, 75' x 90'; \$150,000; o. & a., Daly & Carlson, 594 E. 134th St.; a., Neville & Bagge.

Crosby St., Nos. 159-161, eight-st'y fireproof store & loft building; \$90,000; o. & a., M. Hanlon, 122 Bowery; a., Horenburger & Straub, 122 Bowery.

Lewis St., No. 11, six-st'y bk. store & factory building; \$10,000; o., Sigmund Cohn, 19 Avenue A; a., Julius Boeckell & Son, 54 Bond St.

COMPETITIONS.

SEAL. [At Washington, D. C.]
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FOR Programmes of Competitions of Society of Beaux-Arts Architects for 1897, see *American Architect* for April 24, 1897.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., October 6, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of October, 1897, and opened immediately thereafter, for all the labor and materials required to fix in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office building at Saginaw, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Saginaw, Mich. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Heating and Ventilating Apparatus for United States Post-office at Saginaw, Mich.," and addressed to CHAS. E. KEMPER, Acting Supervising Architect.

1138

BOILER, ETC. [At East Cambridge, Mass.]

Sealed proposals will be received at the office of the County Commissioners, at the Court-house, East Cambridge, Mass., until Tuesday, October 19, at 10 A. M., for a new boiler, setting and connections for the Court-house at Lowell, Mass. Commissioners reserve the right to reject any or all bids. Plans can be seen at the office of Olin W. Cutter, architect, 85 State St., Boston. LEVI S. GOULD, SAMUEL O. UPHAM, FRANCIS BIGELOW, County Commissioners.

1138

HEATING AND VENTILATING SYSTEM. [At Mansfield, O.]

Bids are wanted October 15 for heating and ventilating system for the new County Infirmary in Ashland County. CLOYD MANSFIELD, County Auditor.

1138

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PROPOSALS.
STRUCTURAL IRONWORK. [At St. Louis, Mo.]
Proposals will be received at the office of the Board of Public Improvements until 12 M., October 15, for furnishing and erecting the structural ironwork in rotunda of new City-hall; also, for plastering of rotunda, new City-hall. ROBT. E. McMATH, President. 1137

COURT-HOUSE. [At Cincinnati, O.]
Bids are wanted October 23 for alterations and improvements to the County Court-house. EUGENE L. LEWIS, County Auditor. 1138

PROPOSALS.
ART BUILDING. [At Des Moines, Ia.]
Oliver O. Smith, architect, has plans and will receive bids until noon, October 25, for erecting the north wing of the proposed fireproof Memorial Historical and Art Building. Check for 3 per cent. 1138

Treasury Department, Office Supervising Architect, Washington, D. C., September 27, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of October, 1897, and opened immediately thereafter for furnishing all the labor and materials and fixing in place complete, low-pressure,

return-circulation, steam-heating and ventilating apparatus required for the United States Post-office and Custom-house building at Racine, Wis., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Racine, Wis. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Heating and Ventilating Apparatus for the United States Post-office and Custom-house at Racine, Wis.," and addressed to C. E. KEMPER, Acting Supervising Architect. 1137

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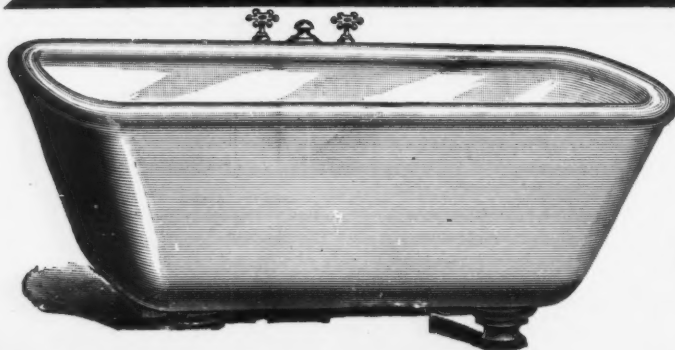
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			1 00 bulk, 75c.	Not sold.
			Not sold.	Not sold.
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			1 75 @ 1 90	1 75 @ 2 50
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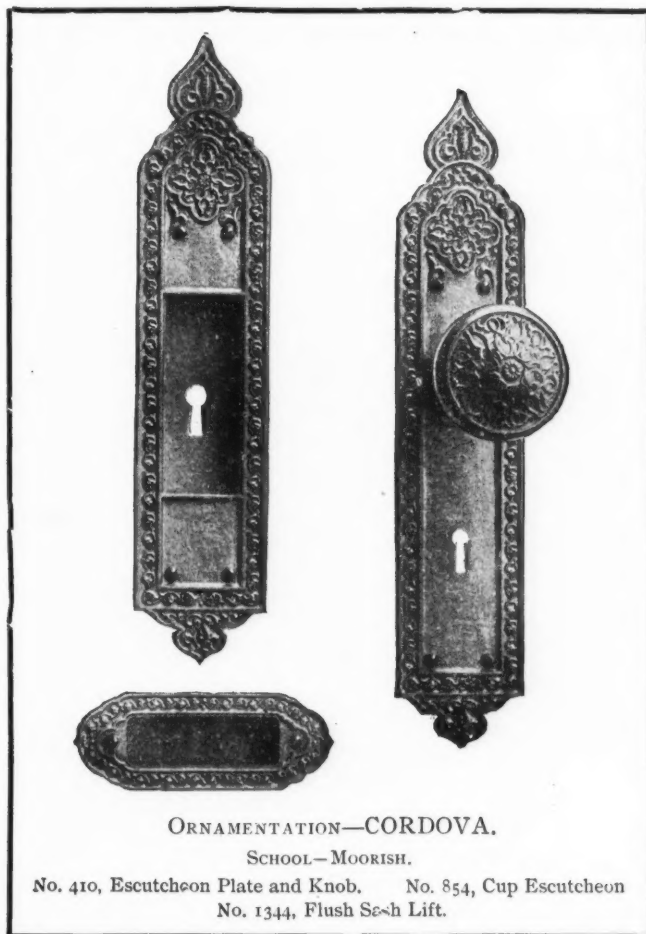
BUILDING MATERIALS	New York.	Boston.	Chicago.	Philadelphia.
STONE. (P cubic foot, rough.)	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
Foundation:				
Dimension.....	@	5 00 P ton.	20 @ foot	@ 5 00
Block.....	@	4 60 P perch.	10 00 @ cord	Conschocken
Rubble.....	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	@ 80	80 @ 90	@	95 @ 1 05
Kilbe.....	@ 90	90 @ 1 10	@	1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 90	1 00 @ 1 30	1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	55 @ 75
Berea ".....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
Berlin ".....	75 @ 1 00	80 @ 90	45 @ 55	1 00 @ 1 10
Belleville.....	80 @ 1 25	25 @ 1 35	@ 1 25	1 05 @ 1 15
New Brunswick (Dorchester)....	@ 1 00	75 @ 90	Not sold.	@ 1 40
Potsdam Red.....	@ 1 30	@ 1 40	@ 1 55	1 25 @ 1 35
Caen.....	@ 1 05	@ 2 00	@	85 @ 1 05
Carlisle, English.....	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	55 @ 65
Granite: (M. fine)				
Limestone:				
Belford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond
Lenont.....			@	75 @ 1 50
Serpentine.....		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewa k.....	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
Marble: (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
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 60
" anafing.....	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 @ 1 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 00	4 35 @ 5 00
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 85	6 50 @ 9 00
" ".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tile, Am. P M.	@	@	Self-glazed tiles	@ 28 00
N. Peach Bottom, war unfading	@	@	9" 8c. per ft.	@ 5 75 @ 6 25
Fire Clay Roof Tile on carvat fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d qual ty.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 26 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea 13 @ 14	11 00 @ 14 00	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
Clapboards:				
Pine.....	@	34 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 18 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	16 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@ 21 00	@ 25 00	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....	@ 1 60	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Pine.....	Round Wood	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Spruce.....	1 85 @ 1 75	@	@	@
Shingles:				
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 M.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	{ 30" \$35 @ 40
Cedar split..... " "	@	@ 6 00	Not sold.	{ 24" 8 @ 21
Cedar sawed..... " "	@	2 00 @ 3 25	2 50 @ 2 90	{ 20" 35 @ 14
Cypress, Split..... 7 x 24 " "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14 00

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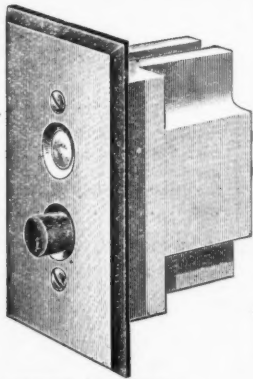
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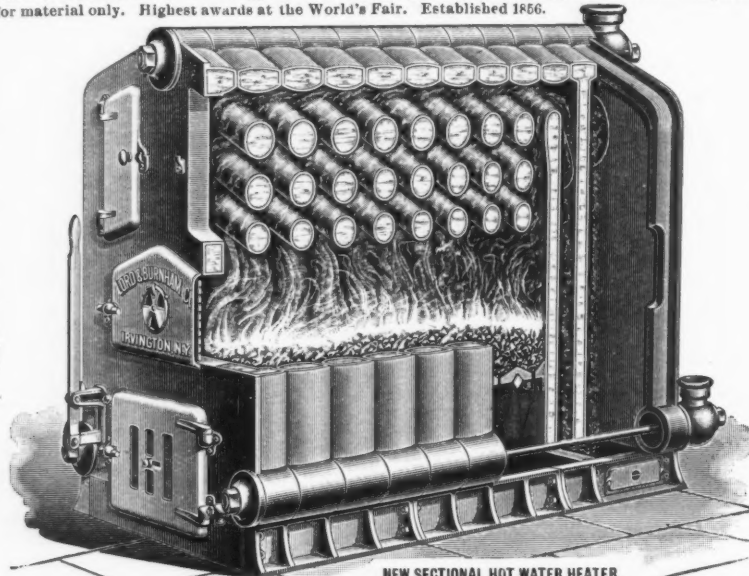
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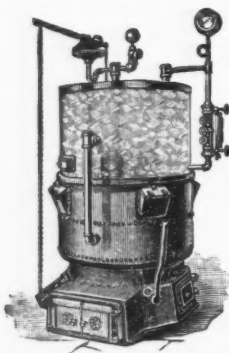


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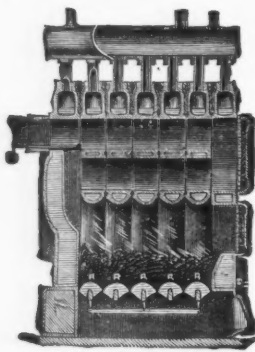
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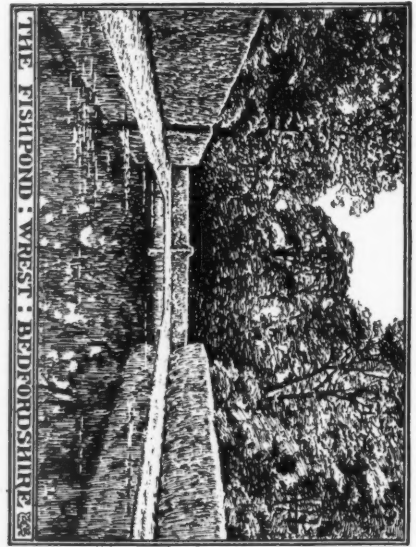
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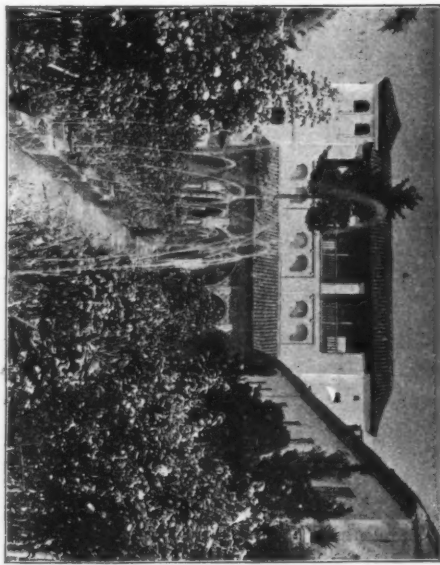
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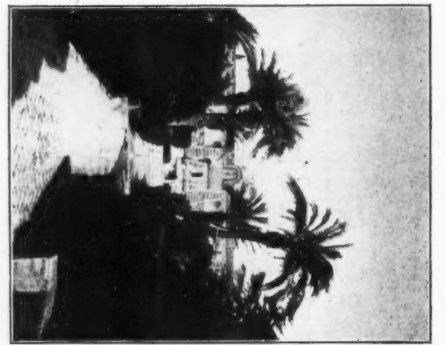
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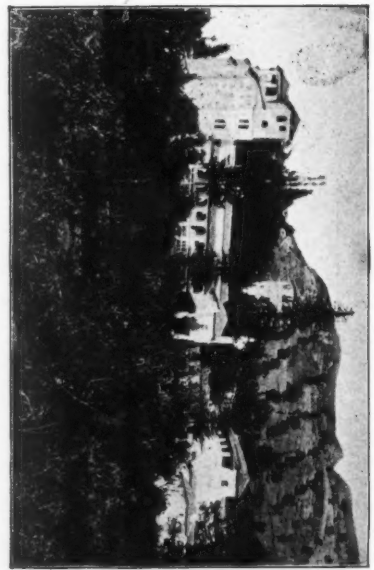
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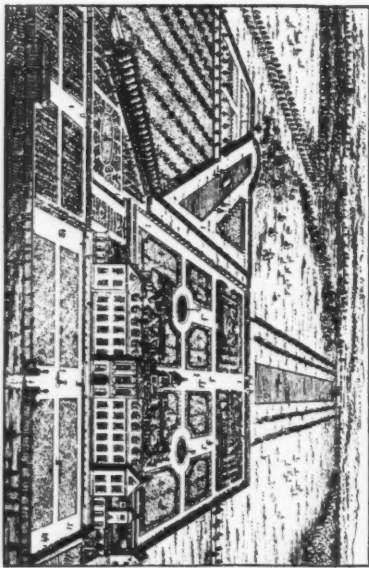
Garden of the Alcazar, Seville, Spain.



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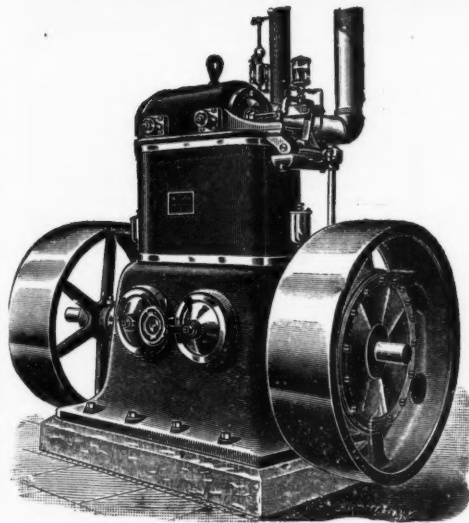
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590,979. MITER-BOX.—Chas. B. Hall, Governor's Island, N. Y.
590,986. FASTENER FOR WINDOWS.—Lyman R. Hopkins, Brooklyn, N. Y.
591,016. FLUSHING DEVICE.—Wm. Scott, Medford, Mass.
591,029. COMPRESSED-AIR WATER-ELEVATOR.—Paul S. A. Biekel, He'ena, Mont.
591,034. SASH-CORD GUIDE.—Charles F. Doebler, Hartf rd, Conn.
591,072. FAUCET.—Edw. Bourne, Allegheny, Pa.
591,098. HOT-WATER-BOILER CONNECTION.—Geo. W. Graves, Rochester, N. Y.
591,107. WATER-COCK FOR TOILET-BASINS OR BATH-TUBS.—Wilbur F. Washburn, Yonkers, N. Y.
591,111. KNOB ATTACHMENT.—Thomas M. Dils, Davenport, Ia.
591,114. STONE CUTTING OR CARVING MACHINE.—August G. Edmund and Hannah Edmund, Seattle, Wash.
591,139. COMBINED LEVEL AND PLUMB.—William M. Morton, New Haven, Conn.
591,157. JAIL-CELL, ETC.—Jas. F. Casey, Chattanooga, Tenn.
591,168. ARTIFICIAL STONE.—Christian Heizerling, Frankfurt-on-the-Main, Ger.
591,169. TIME DAMPER MECHANISM.—Walter P. Kellogg, Syracuse, N. Y.
591,173. ANNUNCIATOR.—Fred P. Stevens, Colorado Springs, Col.
591,190. WATER-CLOSET FOR YACHTS OR VESSELS.—Thomas A. MacDonald, Boston, Mass.
591,207. LATHING AND FINISHING FOR BUILDINGS.—Martin Carrick, San Francisco, Cal.
591,208. ADJUSTABLE SCAFFOLD.—Martin Carrick, San Francisco, Cal.
591,210. ELEVATOR SAFETY DEVICE.—Richard T. Crane, Chicago, Ill.
591,235. DOOR-HANGER.—Wm. Loudon and Robt. B. Loudon, Fairfield, Ia.
591,236. BOILER FOR STEAM OR HOT-WATER HEATING.—Wm. M. Mackay, Newark, N. J.
591,245. MANUFACTURE OF PLASTER CORNICES.—August Carlewitz, Newark, N. J.
591,249. PIPE-HANGER.—Victor J. Emery, Quincy, Mass.
591,356. HINGED SLIDABLE WINDOW-SASH.—Wm. McCall, San Francisco, Cal.
591,358. WOOD MANTEL.—John Parker, Birmingham, Eng.
591,359. SPRING-HINGE.—Le Dra R. Pomeroy, Cleveland, O.
591,362. INSERTIBLE JOINT FOR IRON PIPES.—Jacob D. Sisson, Worcester, Mass.

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.

Appleton, Wis.—Lawrence University will soon ask architects to submit plans for the proposed Stevenson Science Hall, arranged for laboratory and recitation work, with electric light plant complete, in connection. Work is to be begun in the early spring.

Atlanta, Ga.—Local papers state that a new ten-sty office-building will shortly be erected on Alabama and Whitehall Sts., by James Lynch, of Decatur St.

Auburn, R. I.—Report states that the Phillips Memorial Free Baptist Church intend erecting a new church, Rev. Arthur Given, pastor.

Austin, Ill.—E. E. Robertson, of Oak Park, has completed plans for the new Masonic Hall, providing for a four-sty structure, 60' x 70'.

Bennington, Vt.—A press report states that the Bennington & Rutland Railway Co. contemplates erecting a new depot here, to cost about \$20,000.

Brooklyn, N. Y.—An extensive plant will be erected near Kent Ave. and 9th St. by the Amsterdam Electric Light Co., 36 Wall St., New York City, care of the U. S. Bond Security Co. It will be of steel construction, with tile or brick roof, and cost approximately \$400,000. Lewis K. Davis, 30 Broad St., New York City, is architect, and will have charge.

Buffalo, N. Y.—The plans prepared by Architects Metzger & Greenfield for the new Buffalo Catholic Institute building have been accepted and the contract for the work will be let soon. The building will be four stories high, of white brick and terracotta and will cost about \$60,000.

Architect W. H. Archer has prepared plans for a two-sty residence for Joseph Zent, of granite, buff brick and frame; cost, \$10,000.

Metzger & Greenfield have prepared plans for 2 \$6,000 residences of nearly similar design, one for William Heiser and the other for Herb Bros. The former will be located on Northampton St., and the latter on Norwood Ave.

Chicago, Ill.—W. J. Bulger has purchased from O. M. Carson the vacant lot at the corner of Pine Grove and Irving Park Boulevard, 91' x 136', for \$20,000. A residence to cost \$25,000 will be built on this site.

August Brosseau, 55 Board of Trade Building, is having plans prepared for an eight-sty fireproof apartment-house, to be erected at the corner of Goethe and Stone Sts. It will cost \$125,000.

Clinton, Ia.—The Economic Life Insurance Co. has had plans prepared by Elliott D. Robbins, archi-

METRIC CONVERSION TABLE.

The following metric conversion table has been compiled by Mr. G. W. Hunt, M. Am. Soc. M. E., President of the G. 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 × 1.308	= 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 INTELLIGENCE.

(Advance Rumors Continued.)

fect, of Chicago, for an opera-house. It will be 60' x 140', three story, first story of red Portage sandstone, second and third of pressed brick; seating capacity, 1,200.

Creedmoor, L. I., N. Y.—Boring & Tilton, No. 57 Broadway, New York City, will furnish the plans and superintend the construction of the new school-building to be erected at this place.

Dawson City, Alaska.—A large piece of ground has been given for a proposed mammoth hotel to be erected here. The enterprise is backed by Joseph Wolfe and a number of Chicago business men.

Denver, Col.—The Colorado Fuel and Iron Co. will shortly build an addition to their plant at Pueblo. It will be built for the purpose of manufacturing structural, sheet and bar steel, and will cost about \$500,000.

Detroit, Mich.—Architect F. J. Grenier, 130 Buhl Block, has made plans for an apartment-house, 63' x 171', three stories high, built of brick, stone front, to cost about \$39,000.

Durand, Mich.—It is stated that plans have been prepared for a new union depot to be erected here, to cost about \$26,000.

Fargo, N. D.—The Nichols & Shepard Co., of Battle Creek, Mich., will erect a warehouse here in the spring, to cost \$50,000.

Faribault, Minn.—It is proposed to erect a new building in place of the 7th St. School, to cost \$15,000.

Grant City, Mo.—Orff & Guilbert, Minneapolis, Minn., are preparing plans for a two-story and basement Court-house, 71' x 80', to cost \$25,000, to be of brick, stone and iron, with slate roof and steam heat.

Jersey City, N. J.—All bids received for erecting School No. 27 have been rejected and new bids will be called for; estimated cost, \$28,000.

Lynbrook, L. I., N. Y.—The Building Committee of the First Methodist Church have approved the plans for a new church building, to be erected in the place of the old Sand Hole Church, recently destroyed by fire. The foundation for the new building is to be commenced at once, and it is hoped to have it in readiness for occupancy this winter.

Milwaukee, Wis.—The Weideman Co. will erect a new warehouse, to cost \$50,000, at the corner of Water and Mandrake Sts. The building will be six stories in height, of brick, with stone trimmings, and will contain three acres of floor space. It will be 205' deep and 89' front.

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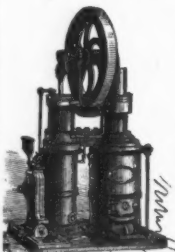
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Mt. Clemens, Mich.—Architect T. Van Damme has made plans for a three-story hotel for Kieffer & McArthur, proprietors of the Park Hotel. The estimated cost of the new building is \$55,000.

Newark, N. J.—A hotel will be erected here, for which W. J. Havell, 780 Broad St., is drawing plans. It will be four stories high, 50' x 70', of light brick and Indiana limestone, have electric light, steam heat, and all other conveniences and improvements, and will cost about \$25,000.

New York, N. Y.—The Park Board has awarded the contract for the building of the new southwest wing of the Museum of Natural History to Jas. B. Smith, at \$362,500.

Niagara Falls, N. Y.—It is stated that a new school will be erected in the 4th Ward, to cost about \$19,000.

Norton Point, L. I., N. Y.—Messrs. Young & Cornell, 231 Fourth Ave., have been selected architects for the new club-house to be erected here for the Atlantic Yacht Club, at a cost of about \$25,000.

Ottawa, Ill.—The contract for erecting the new school-building on the west side has been awarded to Sanders Bros., at \$34,487.

Parkersburg, W. Va.—The contract for erecting the Catholic convent here has been awarded to Hugh B. Debord, of Charleston, at \$30,000.

Pateron, N. J.—The Secretary of the Treasury has awarded to McIlvain, Unkefer & Co., of Pittsburg, the contract for erecting the public building, at their bid of \$130,755.

Peoria, Ill.—It is stated that the Hebrew congregation of Anshai Emeth have decided to erect a new synagogue on Jefferson and Liberty Sts., to cost about \$25,000, J. B. Greenhut, Chairman Building Association.

Philadelphia, Pa.—The plans for the new building for the Commercial Museum to be erected at University and Almshouse Aves. are now being made by G. W. & W. D. Hewitt. The first building will be four stories high, of brick, stone and iron construction, with trimmings of terra-cotta. The plans for the alteration to John Wanamaker's country residence near Ogontz have been prepared by Edward Lee Young, 1 Madison Ave., New York City.

Pittsfield, Mass.—The American House is to be rebuilt at an expense of \$60,000. Maj. S. B. Quackenbush, of Albany, is the owner, A. J. Waterman, attorney.

Randolph, Mass.—A committee of ten has been appointed to look up site, etc., for a 12-room school-building, to cost, approximately, \$50,000, and report to the next town meeting, March, 1898, A. E. French, Chairman Committee.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Roslyn, L. I., N. Y.—Plans prepared by L. Bird-sall, architect, of Mineola, have been accepted for a new school-building to be erected here to cost about \$15,000.

Sheboygan, Wis.—A new 12-room school-house is recommended by the School Board.

Stouxs Falls, S. D.—The Ware National Bank, of Ware, Mass., has instructed W. L. Dow, architect, to secure bids for rebuilding and enlarging the old post-office for an opera-house; cost, \$15,000.

Springfield, Ill.—The Illinois Chickamauga Park Commissioners will advertise for plans for two group monuments, one to be erected on Missionary Ridge, and cost not to exceed \$18,000; the other to be erected on Orchard Knob, at a cost not to exceed \$7,000.

Springfield, Minn.—The Catholic Society will erect a church which will cost probably \$40,000.

St. Louis, Mo.—The Wabash Railroad Co. will erect a new passenger-station at Vandeventer Ave. and Bernard St. The new depot will front 100' on Vandeventer Ave. by a depth of 350' along Bernard St. It will be constructed of Indiana blue Bedford stone and granite brick with white terra-cotta trimmings. The Board of Trustees of the Protestant Hospital contemplate erecting a new hospital, to cost about \$25,000.

St. Joseph, Mo.—Amanda Corby made a bequest valued at \$100,000 to the Sisters of Charity of the order of St. Vincent de Paul for the establishment of a founding home.

Syracuse, N. Y.—A new school, of pressed-brick and terra-cotta, will be erected here after plans drawn by Architect M. C. Conway, of Syracuse. Will cost about \$20,000.

Wallingford, Conn.—Plans prepared by Architects Davis & Brooks, of New Britain, have been accepted for the new hospital to be erected at the Masonic Home, to cost about \$40,000. Dr. J. S. Stone, of New Britain, is on the committee.

Washington, D. C.—Architect E. W. Down has been appointed to assist in the preparation of plans for the proposed isolation hospital. Cost to be about \$14,000. The District Commissioners have accepted plans prepared by Appleton P. Clark, Jr., for a new school-house to be erected on Quincy St., in West Eckington.

Waterbury, Conn.—The Milford Land and Improvement Co., of Waterbury, George S. Chatfield, president, will erect a fire-story store and flat-building on Centre St., for which Architect W. E. Griggs, 32 Bank St., is drawing plans. Estimated cost, \$30,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Williamansett, Mass.—The Beulah Baptist Society will build a new church next year.
Winchester, Mass.—Thos. W. Lawson, of Boston, has had plans prepared for a handsome residence on his present property on Main St. of about eight acres. The plan is to move the present Lawson house to the back of the new property, and to then erect a residence of brick and steel, which will cost in the vicinity of \$125,000. Nearby will be a stable built in conformity with the architecture of the house, and which will cost about \$25,000.
Worcester, Mass.—The Finance Committee of the City Council at a meeting October 1 voted to recommend a loan of \$40,000, for the purpose of new school-house construction.

APARTMENT-HOUSES.

Brookline, Mass.—Off Park St., four-st'y bk. flats, 38' x 78', flat roof, steam; \$20,000; o. & a., A. G. Brewer, 7 Exchange Pl., Boston; day-work.
Brooklyn, N. Y.—Jefferson Ave. and Osmond Pl., 3 four-st'y bk. & st. flats, 33' x 60'; \$30,000; a., C. Powell Karr, 70 Fifth Ave., New York City.
J. F. from Ave., nr. Ralph Ave., four-st'y bk. & st. flats, 28' x 65'; \$10,000; o. & b., William Brown, 374 Seventh St.; a., Henry Vollweiler, 483 Hart St.
Franklin Ave., cor. Greene St., 2 four-st'y bk. & st. flats, 27' x 80' and 28' x 72'; \$30,000; o. & b., Henry Roth, 10'8 Broadway, New York City; a., Henry Vollweiler, 483 Hart St.
Chicago, Ill.—Lake View, three-st'y & base. st. & bk. flats & store, 65' x 75', comp. roof, steam; \$17,000; o., not stated; a., Charles A. Strandel, 78 La Salle St.; not let.
Sauger Ave., No. 1131, three-st'y bk. flats & store; \$18,000; o., Malk Kolar, on premises; a., John Keaus, 1607 W. 23d St.
Three-st'y & base. st. flats, 60' x 125', comp. roof, steam; \$35,000; o., Swigert & Rosenthal; a., La Pointe & Hickok, 810 Security Building.
Aldine St., nr. Evanston Ave., three-st'y & base. bk. & st. flats, 50' x 80', comp. roof, steam; \$16,000; a., Huehl & Schmid, 50 Metropolitan Block; not let.
Lakeside Ave., three-st'y bk. & st. flats, 27' x 70', comp. roof, steam; \$10,000; o., Fred Lundgren, 149 Cleveland Ave.; a., Huehl & Schmid.
Detroit, Mich.—Clifford St., two-st'y bk. & st. flats, 40' x 90', flat roof, furnace; \$16,000; o., L. C. McBridge; a., Nettleton, Kahn & Trowbridge; not let.
Milwaukee, Wis.—Mason St., bet. Jackson & Van Buren Sts., four-st'y bk. & st. flats, 41' x 75'. \$16,000; o., Dr. Lewis Sherman; b., Wm. Equitzer; a., C. O. Parsons.
Morristown, N. J.—South St., three-st'y bk. & terra-cotta store & apart.; \$15,000; o., Dr. Asa Trimmer, Hacktstown; a., J. H. & W. C. Ely, Broad & Clinton Sts., Newark.
New York, N. Y.—Boston Ave., nr. 168th St., 2 four-st'y bk. flats; \$32,000; o., George Bell; a., W. C. Dickerson, 149th St. & 3d Ave.
Elton St., nr. 157th St., 2 five-st'y bk. flats, 25' x 79'; \$18,000; o., Mary Ruskham, 171st St. & Inwood Ave.; a., W. C. Dickerson.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Willis Ave., from 14th to 141st Sts., 8 five-st'y bk. & brownst. flats & stores, 25' x 95' & 25' x 75'; \$150,000; o., John M. Lynch, 685 E. 135th St.; a., Neville & Bage, 217 W. 125th St.
Henry St., No. 40, six-st'y st. & terra-cotta flats, 25' x 100'; \$25,000; o., M. Robinson, 54 E. 198th St.; a., Bernstein & Stone.
Ludlow St., No. 119, five-st'y & base. st. & terra-cotta store & flats, 19' x 70'; \$20,000; o., Friedberg & Feinburg, 66 Monroe St.; a., Bernstein & Stone, 145 Centre St.
Ninety-second St., cor. Columbus Ave., 2 five-st'y bk. & st. flats & stores, 25' x 95' and 25' x 89'; \$65,000; o. & b., P. C. Eckhardt, 693 Ninth Ave.; a., James W. Cole, 403 W. 51st St.
One Hundred and Fifty-ninth St., nr. Elton Ave., 2 four-st'y bk. flats; \$14,000; o., Henry Mueller, Sr., 549 E. 146th St.
One Hundred and Seventeenth St., nr. 5th Ave., five-st'y & base. bk. & st. flats, 23' x 81'; \$18,000; o., Peter Caratt; a., J. M. Evans, 112 W. 136th St.
Webster Ave., nr. 174th St., four-st'y bk. flats, 25' x 72'; \$11,000; o., Adam Hartman, premises; a., Robert Glenn, 730 Melrose Ave.
Northampton, Mass.—Perkins St., three-st'y bk. flats, 80' x 85', comp. roof; \$10,000; o., A. Lussler; a., G. P. B. Alderman.
Pittsburgh, Pa.—Five-st'y bk. & st. flats, 98' x 100'; \$50,000; o., M. A. Cutter, Butler St.; a., Charles Bickel, 524 Penn Ave.; not let.
Rock Island, Ill.—Two-st'y bk. flats, 40' x 160'; \$15,000; o., John W. Roche; a., Drack & Kearns.
Springfield, Mass.—Northampton St., four-st'y bk. & st. flats, 45' x 54', comp. roof; \$10,000; o., S. A. Ryan; a., Clough & Reid, Holyoke; day-work.
St. Louis, Mo.—Olive St., three-st'y bk. flats, 44' x 72', comp. roof, hot air; \$11,000; o., Jas. B. Galvin, 4006 Olive St.; a., C. J. Franklin, 715 Chestnut St.
Kensington St., nr. Euclid Ave., two-st'y bk. flats, 38' x 90', comp. & slate roof, hot air; \$10,000; o., Miss Edna McCleery, 3451 Laeale Ave.; a., D. J. Kohn, Royal Building.
King's Highway and West Pine Boulevard, eight st'y bk. apartment-hotel, 100' x 150', tile roof, steam; \$750,000; o., E. B. Wolff, agent, 4440 Linden Ave.; a., Geo. S. Kingsley, Chicago.
Broadway, bet. Victor & Sidney Sts., three-st'y bk. & granite store & flats, 50' x 70', comp. roof, hot air; \$12,000; o. & a., P. Bentz, 2502 S. Broadway.
Waterbury, Conn.—Centre St., five-st'y block of stores & flats, 70' x 100', tin roof, furnaces; \$60,000; o., F. P. Rice; b., Abbott Bros. Co. et. als.

CHURCHES.

Cameron, Mo.—One-st'y bk. church, slate roof, hot air; \$15,000; o. Trustees; a., G. W. Kramer, 1 Madison Ave., New York City; receiving bids.
Highland Park, N. J.—One-st'y bk. church; \$6,000; o., Reformed Church; a., Alex. Merchant, The Tower, Madison Sq., New York City.
Macon, Ga.—Orange and High Sts., one-st'y bk. & fr. church, 44' x 105', slate roof, furnace; \$6,000; a., Alexander Blair.

BUILDING INTELLIGENCE.

EDUCATIONAL.

Brooklyn, N. Y.—Knickerbocker Ave., bet. Ralph & Grove Sts., four-st'y bk. & terra-cotta school, 82' x 180'; \$130,000; o., Board of Education; a., J. W. Naughton, 131 Livingston St.
Darlington, Wis.—Two-st'y bk. school; \$11,800; o., Town; b., F. Stewart, Freeport, Ill.; a., Orff & Guilbert, Minneapolis.
Everett, Mass.—Cleveland Ave., two-st'y, 8-room bk. school, 70' x 80', slate roof, steam; \$35,000; o., City; b., Fessenden & Libby; a., Wm. Hart Taylor, 6 Beacon St., Boston.
Lowell, Mass.—New Moody St., two-st'y 6-room fr. school, 48' x 84', slate roof, steam; \$20,600; o., City; a., Stickney & Austin, Hildreth Building.
Perth Amboy, N. J.—Two-st'y bk. school, 56' x 75'; \$13,000; o., Board of Education; a., C. Powell, Karr & Poole, 70 Fifth Ave., New York City.

FACTORIES.

St. Louis, Mo.—Four-st'y factory, w s 15th St., bet. Poplar & Spruce Sts.; \$10,000; o., J. L. Fraasier.

HOSPITALS.

Boston, Mass.—Charles St., cor. Fruit St., Ward 8, bk. hospital, 52' x 72' x 121', flat roof, steam; o., Eye & Ear Infirmary; a., Shaw & Hunnewell; not let.
Charles and Fruit Sts., Ward 8, bk. isolated hospital ward, 37' x 62', flat roof, steam; o., Eye & Ear Infirmary; a., Shaw & Hunnewell; not let.

HOTELS.

Gloucester, Mass.—Bass Rock, four-st'y fr. hotel, of 80 rooms, 76' x 110', shingle roof, steam; \$25,000; o., Eli Jackman; a., E. L. Phillips, 201 Main St.; day work.

HOUSES.

Ayer, Mass.—Washington St., two-st'y fr. dwell., 31' x 51', pitch roof, steam-heat; & fr. barn, 27' x 42'; \$10,000; o., George J. Burns; c., Emerson & Monroe; a., H. M. Francis, Fitchburg.
Boston, Mass.—Quincy St., Blue Hill Ave. and Sarin St., 14 three-st'y bk. dwells., various dimensions, flat roofs, stoves; \$85,000; o. & b., David Milton, N. Margin St.; a., E. P. Morse, 258 Washington St.
Blue Hill Ave., cor. Brunswick St., Ward 20, three-st'y bk. store & dwell., 23' x 60', flat roof, stoves; \$10,000; o., Sydney Whiting; b., J. S. Fonner & Co., on premises.
Blue Hill Ave., cor. Intervale St., Ward 20, three-st'y bk. store & dwell., 23' x 60', flat roof, stoves; \$10,000; o., Sydney Whiting; b., J. S. Fonner & Co.
Blue Hill Ave., bet. Brunswick & Intervale Sts., Ward 20, 5 three-st'y bk. dwells., 19' x 23' x 60', flat roofs, stoves; \$45,000; o., Sydney Whiting; b., J. S. Fonner & Co.
St. Germain St., nr. Massachusetts Ave., Ward 10, 23 four-st'y bk. dwells., 20' x 40', flat roofs, stoves; \$120,000; o., Joseph Green, 306 Exchange Building; b., James J. Galvin.
Kent St., nr. Vernon St., Ward 18, three-st'y bk. dwell., 20' x 65', flat roof, stoves; \$9,000; o. & b., Hyman Parker.
Vernon St., nr. Kent St., Ward 18, 3 three-st'y fr. dwells., 20' x 45' & 20' x 23' x 45', flat roofs, stoves; \$25,000; o. & b., Hyman Parker, 23 Willard St.

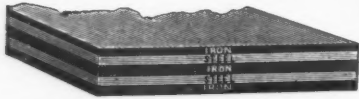
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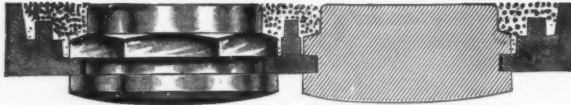
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C. P. HAUGHIAN, President. F. E. CANDA, Vice-President. C. J. CANDA, Secretary. J. G. DUNSCOMB, Treasurer.

DAUCHY IRON WORKS

PRISMATIC LIGHT WORK



84 to 92 Illinois Street ROSS PATENT LIGHT CHICAGO

BUILDING INTELLIGENCE.

(Houses Continued.)

Shawmut Ave., No. 726, Ward 18, four-sty bk. store & dwell., 36' x 49', flat roof, stoves; \$10,000; o., Wm. White; a., Fred A. Norcross. Lewis St., No. 8, Ward 6, three-sty bk. dwell., 21' x 35', flat roof, stoves; \$6,000; o., Pedro De Rocco, 260 North St.; a., Clark & Tyler. May St., nr. Glenway, Ward 20, two-sty fr. dwell., 34' x 39', pitch roof, furnace; \$5,700; o. & b., Wm. A. Davidson, 190 Harvard St., Dorchester. Antwerp St., nr. Lincoln St., Ward 25, 4 two-sty fr. dwells., 25' x 40', pitch roofs, furnaces; \$18,000; o. & b., Minnie Gould, 69 Antwerp St. Litchfield St., nr. Lincoln St., Ward 25, 4 two-sty fr. dwells., 27' x 40', pitch roofs, furnaces; \$18,000; o. & b., Minnie Gould. Murdoch St., nr. Market St., Ward 25, 2 two-sty fr. dwells., 25' x 40', pitch roofs, furnaces; \$9,000; o., H. B. Goodenough; b., B. Wood. Forbes St., No. 19, Ward 22, three-sty fr. dwell., 26' x 52', flat roof, furnaces; \$4,500; o. & b., James A. Marchbank, 21 Forbes St. South St., cor. Dudley Ave., Ward 23, two-sty fr. dwell., 41' x 47', pitch roof, hot water; \$8,000; o., Dr. Sarah Stevens; b., Wells Bros., Koslindale; a., J. H. Morse. Geneva Ave., nr. Westville St., Ward 20, 2-sty fr. dwell., 26' x 46', mansard roof, furnace; \$4,500; o., John Ray, Jr., 100 Westville St.; b., Wm. Kellar, West Newton. Seaver St., nr. Elm Hill Ave., Ward 21, two-sty fr. dwell., 22' x 35' x 57', pitch roof, hot water; \$10,000; o., W. M. W. Spring, 92 State St.; b., E. S. Moulton; a., H. M. Stephenson. Glenway St., nr. York St., Ward 20, two-sty fr. dwell., 30' x 49', pitch roof, furnace; \$4,500; o. & b., Victor Wolmer, Bradshaw St. Wiles Ave., nr. Washington St., Ward 24, two-sty fr. dwell., 23' x 29' x 52', pitch roof, hot water; \$6,000; o., Albert H. Curtis; a., Wm. H. Brainerd, 930 Tremont Building. Charlotte St., nr. Blue Hill Ave., Ward 20, two-sty fr. dwell., 29' x 45', pitch roof, hot water; \$5,500; o., Margaret E. McKenna, 7 Dewey St.; b., Calvin Lamont. Melville Ave., nr. Washington St., Ward 20, 2 two-sty fr. dwells., 29' x 36', pitch roofs, furnaces; \$12,000; o., M. E. Rich; b., A. P. Rich, 70 King St. Brooklyn, N. Y. — Emmons Ave., n e cor. E. 26th St., two-sty fr. dwell., 35' x 50'; \$5,000; o., Mrs. Emma R. Tappen, Sheepshead Bay, L. I.; a., Benj. Dreissler, 143 Flatbush Ave. Chicago, Ill. — Evergreen Ave., No. 542, two-sty & base, bk. & st. dwell., comp. roof, hot water; \$6,500; o., Well Bros; a., J. B. Rohms, 946 N. Hoyne Ave. W. Adams St., No. 1592, two-sty & base, bk. & st. dwell., 25' x 64', comp. roof, steam; \$6,000; o., R. G. Puster, 28 S. Canal St.; a., Osborne J. Pierce, 21 Quincy St. Twelfth St. and Lawndale Ave., three-sty bk. & st. dwell.; \$5,600; o., Mr. Gross; a., C. W. Karbach & Son; not let. Elberon, N. J. — Two-sty fr. dwell., 42' x 45'; \$6,000; o., Mrs. Robert Kearney; a., C. Schubert, Bath Beach, L. I., N. Y. Far Rockaway, N. Y. — Two-sty fr. dwell., 35' x 50'; \$8,000; o., Mrs. C. E. McKenna; a., Merrill Smith. Middlebrook Heights, Middlebrook township, N. J. — Two 2-sty fr. dwells.; total cost, \$10,000; o., Charlet Howell Cook, Trenton; a., Rossiter & Wright, 94 Liberty St., New York City. Newton, Mass. — Bellevue St., two 2-sty fr. dwells., 32' x 55', single roof, furnaces; \$10,000; o., Ira S. Franklin, Bellevue St.; b., A. G. Woods. Floral Ave., three-sty fr. dwell., 33' x 36', shingle roof, steam; \$5,000; o., Mrs. E. F. McAdams; b., Ernest E. Fewkes, Centre St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Hunnewell Ave., two-sty st. & fr. dwell., 36' x 54', shingle roof, furnace; \$15,000; o., F. M. Ferrin, 7 Arch St., Boston; b., E. T. Wilson; a., J. Williams Beal, Boston. Parker St., two-sty fr. dwell., 26' x 40', shingle roof, furnace; \$4,500; o., Mrs. H. C. Taylor; b., D. Hurley, High St.; a., Bertrand E. Taylor, 87 Milk St., Boston. Willard St., three-sty fr. dwell., 34' x 39', shingle roof, hot air; \$8,500; o., F. O. Stanley, Hunnewell Ave.; b., John C. Rochford; a., Henry McLean, 14 St. James St. Essex Road, nr. Chestnut Hill, 2 1/2 sty fr. dwell., 30' x 115', shingle roof, comb. heat; \$15,000; o., Geo. C. Lee, 40 State St., Boston; b., Geo. M. Coan; a., Herbert D. Hale, Boston. Newton Centre, Mass. — Alden St., two-sty fr. dwell., 42' x 43', pitch roof, furnace; \$8,000; o., M. O. Rice, 101 Arch St., Boston; a., W. F. Goodwin, Boston. Somerville, Mass. — Elmwood St., three-sty fr. dwell., 27' x 48', flat roof, furnace; \$5,000; o., Thos. Waters, 35 S. Market St., Boston; a., T. S. Woods, 69 Joy St. Southbridge, Mass. — Main St., 2 1/2-sty fr. dwell., 31' x 38', shingle roof, furnace; \$5,000; o., C. F. Hill; a., Herbert Moseley, 50 Bronfield St., Boston. St. Louis, Mo. — Cabanne Ave., nr. Union St., two-sty bk. dwell., 42' x 44', slate roof, hot water; \$20,000; o. & a., John H. O'Brien, 4037 Lincoln Ave. Chamberlain Park, 2 1/2-sty bk. dwell., 35' x 43', slate & tile roof, hot water; \$7,000; o., H. G. Tawser; a., D. G. Kohn, Royal Building. Berlin and Euclid Sts., 3 two-sty bk. dwells., 30' x 45', slate roof, hot air; \$15,000; o., Berlin-Euclid Improvement Co.; a., J. B. Legg, Chemical Building. Five two-sty dwells., s s Page St., bet. West End & Walton Sts., \$15,000; o., Culliff Bros. Four two-sty dwells., Manchester St., bet. Henrietta and Lafayette Aves.; \$9,200; o., Robertson & Conrad. Two-sty dwell., Bartmer St., bet. Goodfellow & Hamilton Sts.; \$5,000; o., M. S. Carter. Two two-sty dwells., Castleman St., bet. Thurman & Taylor Sts.; \$5,600; o., A. J. Aiple. Two-sty dwell., w s Hamilton St., bet. Etzel & Barmer Sts.; \$6,000; o., Theo. Fischer. Lindell St., nr. Taylor St., 2 1/2-sty bk. dwell., 40' x 45', slate roof, hot water; \$18,000; o. & a., J. H. O'Brien, 4037 Lincoln Ave. Two two-sty dwells., n s Vernon St., bet. Clarendon & Union Sts.; \$8,000; o., Mr. A. A. Fischer. Two-sty dwell., n s Pine St., bet. Boyle & Sarah Sts.; \$7,500; o., Thomas Flannery. Two-sty dwell., n s Von Versen St., bet. Hamilton & Delmar Sts.; \$5,000; o., J. E. Sprague. Two-sty dwell., w s Compton St., bet. Geyer & Lafayette Sts.; o., Elizabeth Kaminski. Washington, D. C. — S St., No. 1829, three-sty bk. dwell., mansard roof, hot water; \$5,000; o. & b., Frederick Lewis. Worcester, Mass. — Bellevue St., three-sty fr. dwell., 35' x 60'; \$5,500; o., Emeline Hatch Helms; a., A. J. Harrington; o., George Pierce. Salisbury St., two-sty fr. dwell., 32' x 63'; \$6,000; o., M. M. Wheeler; o., T. F. Melicco; a., Edwin T. Chapin. Yonkers, N. Y. — Pallisade Ave. and Shomard Terrace, 2 1/2-sty fr. dwell.; \$10,000; o., Jos. Stoughton, 576 W. Broadway, New York City; a., Brite & Bacon, 111 Fifth Ave., New York City. Youngers Park, 11 two-sty & addition fr. dwells.; \$5,000 each; o. & b., Horgan & Slattery, 58 W. 58th St., New York City; private plans. Arthur St., cor. Gilbert Ave., 2 1/2-sty fr. dwell., 28' x 51'; \$5,000; o., E. H. Ryan, 10 W. 23d St., New York City; a., Harley B. Jeffery, Syracuse.

PHENIX IRON CO.

410 Walnut Street, - Philadelphia, Pa. Manufacture all their products, both in WROUGHT-IRON AND OPEN-HEARTH STEEL, BEAMS, CHANNELS, ANGLES, ZEEs, TEES, ANGLE BOLBS AND STRUCTURAL SHAPES OF ALL KINDS. Round, Square and Flat Bars of all sizes. SPECIALTIES: PHENIX COLUMNS AND UPSET EYE-BARS Of all sizes, in Iron or Steel. ROOF TRUSSES, GIRDERS AND JOISTS FOR FIRE-PROOF BUILDINGS, FRAMED AND FITTED AS PER PLANS. AGENTS: New York Office: SEYMOUR P. THOMAS and DANIEL W. SIBSON, Managers, 49 William Street. Chicago: A. G. STITZ, 331 Rookery Building.

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STEEL BEAMS 4 inches to 20 inches deep. ALL STRUCTURAL SHAPES. NEW YORK OFFICE: - - 45 BROADWAY

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BUILDING INTELLIGENCE.

(Houses Continued.) Arthur St., 2 1/2-sty fr. dwell., 32' x 34' 6"; \$5,000; o. & a., Harley B. Jeffery.

COMPETITIONS.

SOEITY OF BEAUX-ARTS ARCHITECTS. SEASON 1897-98.

A VILLA ON AN ISLAND. [PROGRAMME A.] COMPETITION NO. 1.

The Committee on Education proposes as a subject for competition, "A Villa on an Island." This structure is to be erected for a man of wealth and taste upon an island situated in the protected section of a bay or an arm of the sea, and near to the mainland, which may be reached by a bridge. The island is to be laid out as a park, with all necessary accessories of a gentleman's estate; the several features of the site, indicated on the map, should be preserved as far as possible and made part of the general scheme of landscape gardening. The whole island should be laid out on a general plan with paths, terraces, ramps and steps, having fountains, summer-houses and decorative features at the various points of interest. The house, which is to face south, may be of stone, brick, terra-cotta or stucco, or a combination of these materials. The front not to exceed 120 feet, and the total area not to exceed 10,000 square feet. Entrance Floor: Porte cochere on west side, vestibule, toilet-room, large hall and staircase, billiard-room, smoking room and office. A terrace along southern front, covered or uncovered, in whole or in part, at student's option. First Story: Drawing-room, about 40' x 60', with high vaulted ceiling, extending through two stories, with musicians' gallery or loggia in one end. Music-room, reception-room, library, dining-room, conservatory for flowers with south and east exposure, balconies and loggias to offer views of the water. The kitchens, pantries, servants' hall, laundry and service stairs are in the rear. The two upper stories contain sleeping apartments, the plans of which are not required. Sketches Required: Students intending to compete are required to send on or before November 1st, to Edward L. Tilton, Chairman, 67 Broadway, New York City, the following named sketches on tracing-paper: plan of first story of building and front elevation, both at a scale of 1-16" to the foot. General plan of island, showing block plan of house, etc., at a scale of 1" to 100 feet. Finished Drawings Required: Plan of entrance floor. Plan of first story. Elevation of front and section through staircase and drawing-room, all four at scale of 3/4" to the foot. General plan of island at a scale of 3/4" to 100 feet. Drawings may be rendered in water-color or Indiank at student's option. [Continued on page xvii.]

DYCKERHOFF Portland Cement

IS THE BEST

E. THIELE, 78 William St., N. Y. SOLE AGENT.

PLEASE SEND FOR PAMPHLET.

"Excellent as the January issue was, those for February and March almost put it in the shade." - The Collector.

"ART ET DÉCORATION,"

A Monthly Review of Modern Art.

PROFUSELY ILLUSTRATED.

Published under the direction of the following Committee:

PIERRE PUVIS DE CHAVANNES, Artist-Decorator.

- E. VAUDREMER, Architect. L.-O. MERSON, Historical Painter.
E. GRASSET, Artist-Designer. E. FREMIET, Sculptor.
JEAN-PAUL LAURENS, Historical Painter. O. ROTY, Medallist.
J. C. CAZIN, Landscape-Painter. LUCIEN MAGNE, Writer and Critic.

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SOLE AMERICAN AGENTS:

American Architect and Building News Co.

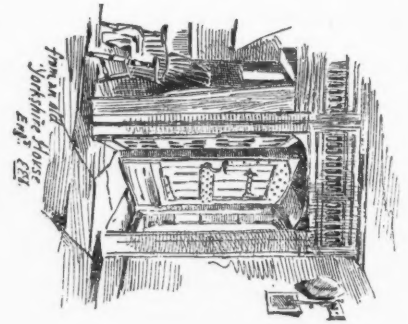
211 TREMONT STREET, BOSTON.

- "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.

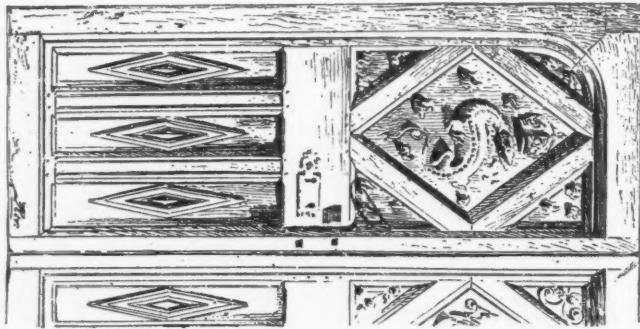
Topographical Index of Advertisers.

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

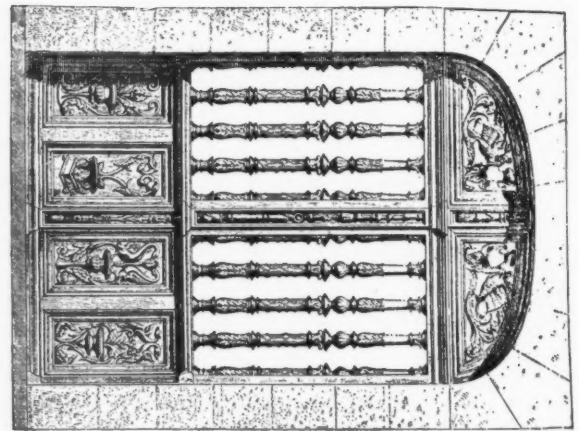
Table with columns for various states: CONNECTICUT, MASSACHUSETTS, NEW YORK, NEW JERSEY, INDIANA, KENTUCKY, PENNSYLVANIA, TENNESSEE, and KNOXVILLE. Each column lists local businesses and their specialties.



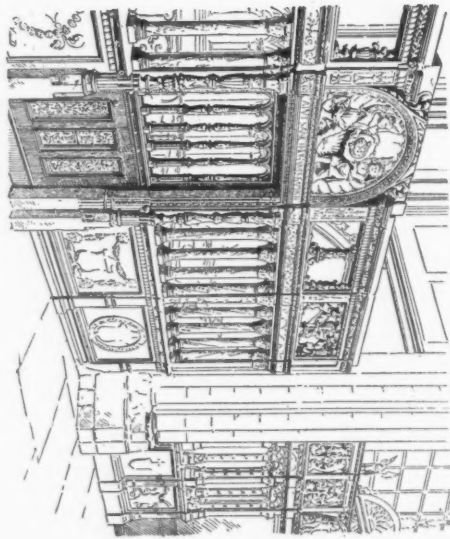
from an old
Yorkshire house
Eng. 1784



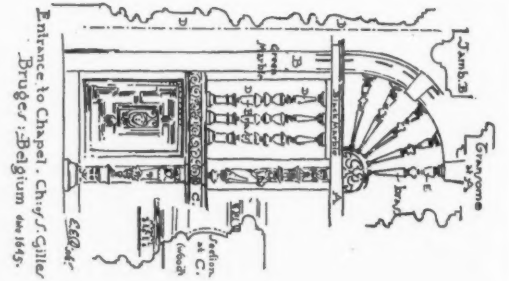
A Francis I Door at Blois.



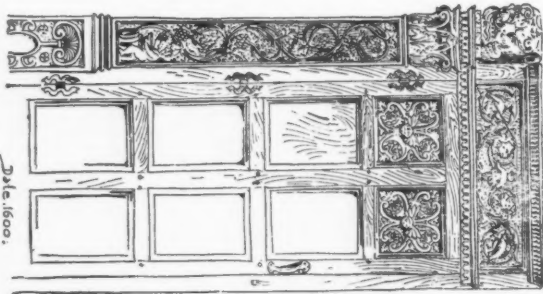
XVI-Century Doorway.



INTERIOR DOORS.



Entrance to Chapel. Christ's Church
Brugge; Belgium 1445-55



Portion of Ranelagh of a room
from an old House in Exeter Eng.
Date 1600.

THE J. L. MOTT IRON WORKS,

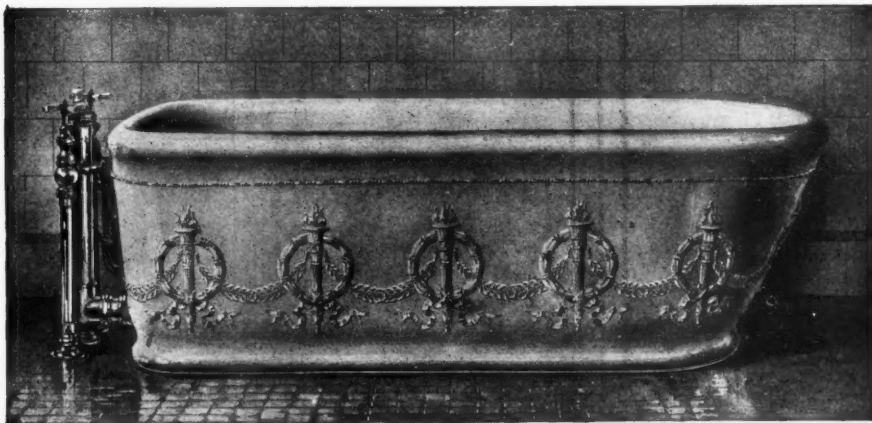
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311 & 313 WABASH AVENUE, CHICAGO.

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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, Caudon China Handles and Pipes to floor.

Do.	do.	do.	do.	5 ft. 6 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.

COMPETITIONS.

The drawings are to be mounted on stretchers and forwarded on or before January 15, 1898, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

(Signed) EDWARD L. TILTON, *Chairman*,
WALTER COOK,
EDWARD P. CASEY,
THOMAS HASTINGS,
THORNTON F. TURNER,
Committee on Education.

October 15, 1897.

Dates of the following competitions for the year 1897-98: Programmes will be issued January 15, 1898, April 15, 1898.

Drawings will be rendered April 15, 1898, June 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*.

NOTE.—This competition is restricted to students having obtained a medal, one first, or two second mentions in any of the competitions held heretofore, and to all students of any of the colleges.

The Committee on Education will make exceptions in favor of students wishing to enter a competition in this class upon application from the student endorsed by his professor, to the effect that the student is capable of doing the work in this class advantageously.

A CIRCULAR BELVEDERE—IONIC ORDER.

[PROGRAMME B.]

COMPETITION NO. 1.

The Committee on Education proposes as a subject for competition, "A Circular Belvedere—Ionic Order."

This small building is to be built of marble on a gentleman's estate at the intersection of several paths commanding a fine outlook over a lake. In the centre will be a statue of Diana or some other suitable figure on a high pedestal, about which are marble seats facing outward to command the views. The diameter of circle described through axis of column is 24 feet. Stone steps or ramps with balustrades, vases and statuary may lead from the Belvedere or from the terrace upon which it stands to a boat-landing at the water-level, about 40 feet below the terrace. Fountains, esedra, statuary, etc., may be used to embellish the surrounding ground, which may be formally laid out after the style of notable Italian or French gardens.

The columns are to be of the Ionic order, Greek, Roman or Pompeian, supporting an entablature with richly decorated frieze.

Sketches Required: Students intending to compete are required to send on or before November 1st to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three sketches on tracing-paper: Plan, elevation and section at 1/4" to the foot.

Finished Drawings Required: Plan and section at a scale of 1/8" to the foot. Elevation at the scale of 1/4" to the foot. A single human figure must be drawn to indicate scale. Details of the Ionic order used at one-quarter the full size.

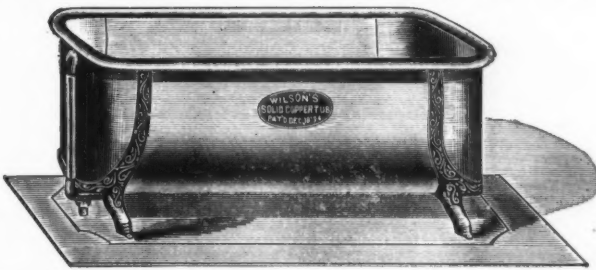
Drawings may be rendered in water-color or Indian ink at student's option.

The drawings are to be mounted on stretchers and

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 1886 Catalogue....



COMPETITIONS.

forwarded on or before January 15, 1898, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

(Signed) EDWARD L. TILTON, *Chairman*,
WALTER COOK,
EDWARD P. CASEY,
THOMAS HASTINGS,
THORNTON F. TURNER,
Committee on Education.

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Drawings will be rendered April 15, 1898, June 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*.

NOTE.—This competition is open to all students of architecture, conditions of judgment and jury to be arranged by the Committee.

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.

PROPOSALS.

HOT WATER HEATING.

[At Hoboken, N. J.]

Bids are wanted October 27 for a hot-water heating apparatus for Fire-engine House No. 4. M. V. MCDERMOTT, City Clerk.

HALL.

[At Priceburg, Pa.]

Bids are wanted October 30 for building the Odd Fellows' Hall. JOHN G. MILLER, Secretary Committee.

PROPOSALS.

TOWN-HALL.

[At Wallington, N. J.]

Bids are wanted for erecting the new town-hall. T. R. COLLINS, Secretary.

Treasury Department, Office Supervising Architect, Washington, D. C., October 6, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of October, 1897, and opened immediately thereafter, for all the labor and materials required to fit in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office building at Saginaw, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Saginaw, Mich. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Heating and Ventilating Apparatus for United States Post-office at Saginaw, Mich.," and addressed to CHAS. E. KEMPER, Acting Supervising Architect.

BOILER, ETC.

[At East Cambridge, Mass.]

Sealed proposals will be received at the office of the County Commissioners, at the Court-house, East Cambridge, Mass., until Tuesday, October 19, at 10 A. M., for a new boiler, setting and connections for the Court-house at Lowell, Mass. Commissioners reserve the right to reject any or all bids. Plans can be seen at the office of Olin W. Cutter, architect, 85 State St., Boston. LEVI S. GOULD, SAMUEL O. UPHAM, FRANCIS BIGELOW, County Commissioners.

HEATING AND VENTILATING SYSTEM.

[At Mansfield, O.]

Bids are wanted October 15 for heating and ventilating system for the new County Infirmary in Ashland County. CLOYD MANSFIELD, County Auditor.

THE EXPANDED METAL

System of Fire-Proofing covers a construction of light concrete floors with imbedded sheets of heavy metal insuring strength for any requirement.

EXPANDED METAL STEEL PLASTERING LATH

Is the standard metal lath in all markets. Used by the United States Government and all first-class architects throughout the world. Write for illustrated book containing full information, free by mail.

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Architectural & Mechanical Drawing; Marine, Stationary and Locomotive Engineering; Sheet Metal Pattern Cutting; Plumbing; Electricity; Railroad, 31 COURSES Hydraulic Engineering; Surveying and Mapping; Book-keeping; Shorthand; English; Branches; Mining; Metal Prospecting; Machine Design. All who study **GUARANTEED SUCCESS.** Fees Moderate, Advance or Installments. Circular Free: State subject you wish to study. International Correspondence Schools, Box 986 Scranton, Pa.



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.

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Treasury Department, Office Supervising Architect, Washington, D. C., October 9, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of October, 1897, and opened immediately thereafter for all the labor and materials required for the erection and completion of the United States

PROPOSALS.
Government Building at the Trans-Mississippi and International Exposition, Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office and at the office of the Superintendent of the United States Court-house, Custom-house and Post-office, Omaha, Neb. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Erection, etc., of the United States Government Building at the Trans-Mississippi and International Exposition, Omaha, Neb.," and addressed to the Supervising Architect. 1139

PROPOSALS.
ART BUILDING. [At Des Moines, Ia.] Oliver O. Smith, architect, has plans and will receive bids until noon, October 25, for erecting the north wing of the proposed fireproof Memorial Historical and Art Building. Check for 3 per cent. 1138
COURT-HOUSE. [At Cincinnati, O.] Bids are wanted October 23 for alterations and improvements to the County Court-house. EUGENE L. LEWIS, County Auditor. 1138

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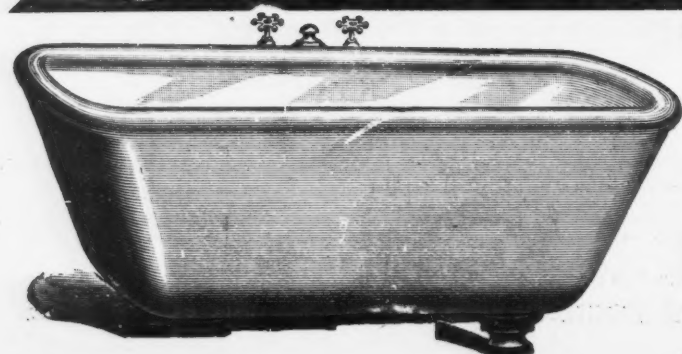
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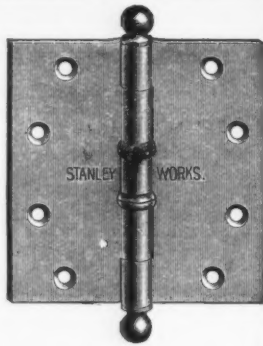
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Table of Building Materials prices for New York, Boston, Chicago, and Philadelphia. Includes categories like Stone, Limestone, Slate, Boards, and Lumber.

The Art Metal Work

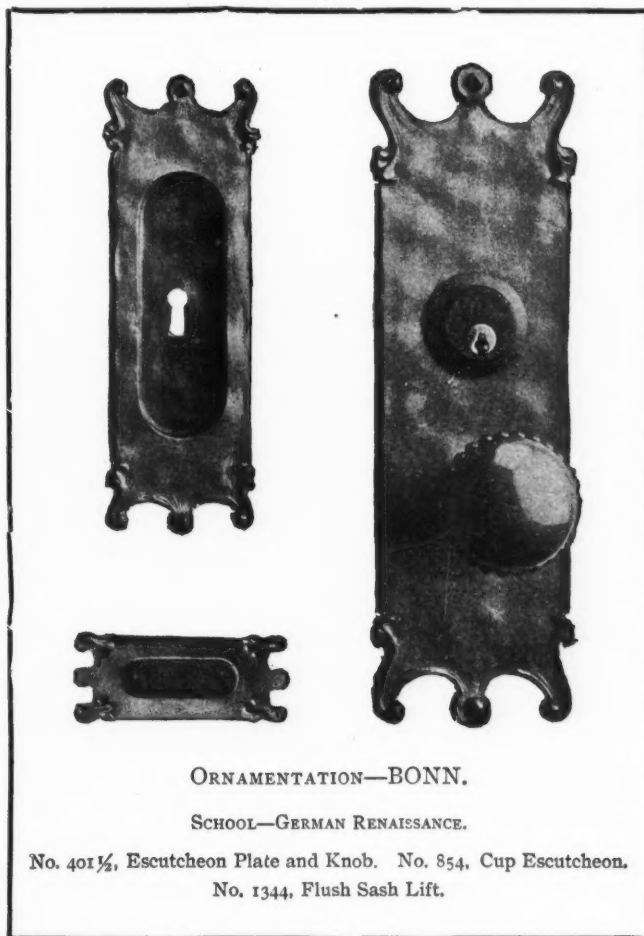
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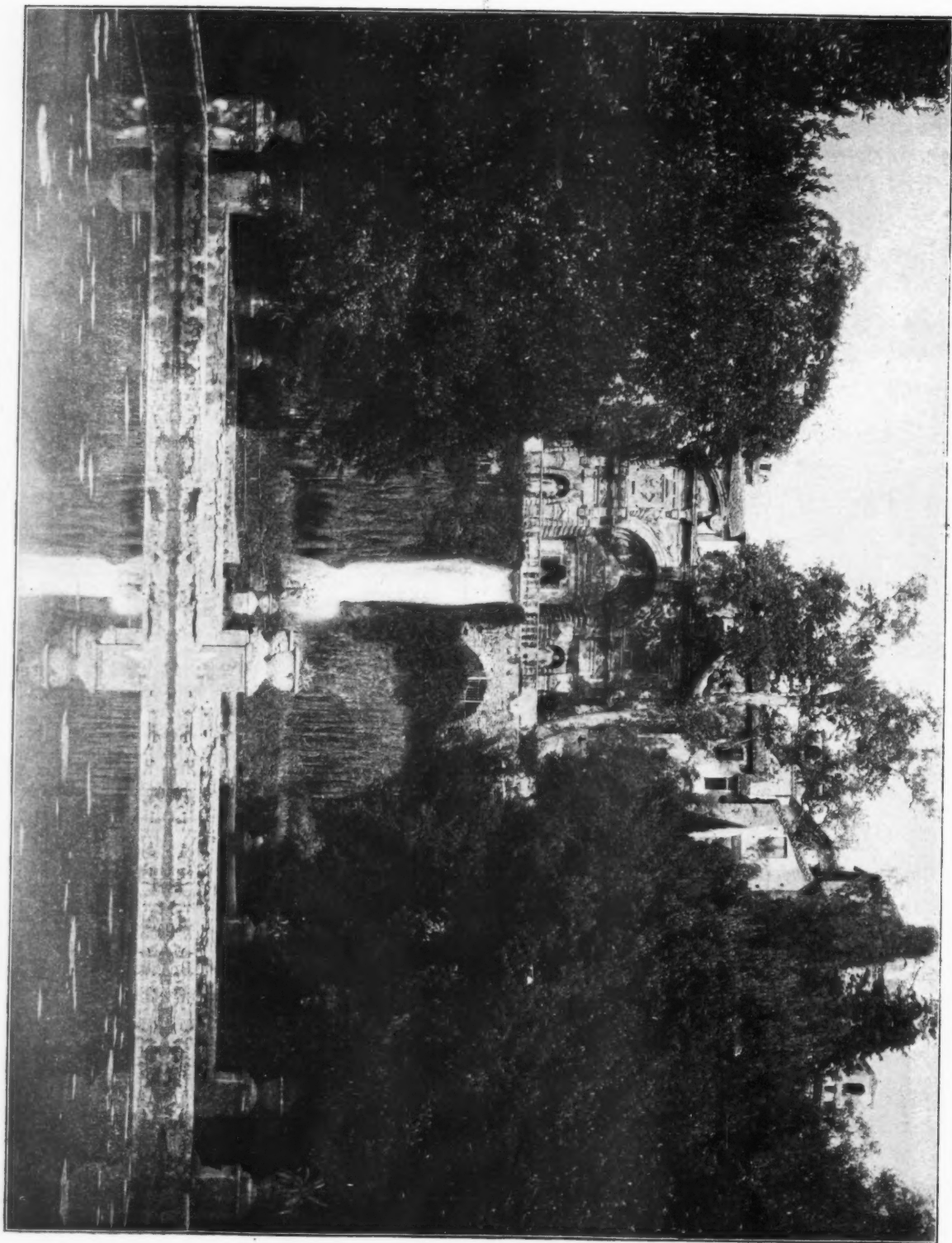
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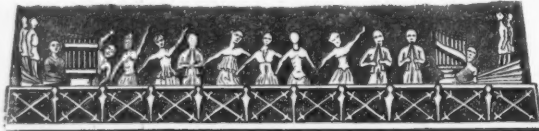
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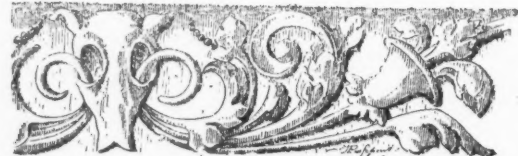
Tail-piece Designed by Daniel Marot.



Book plate of James Gibbs, Architect.



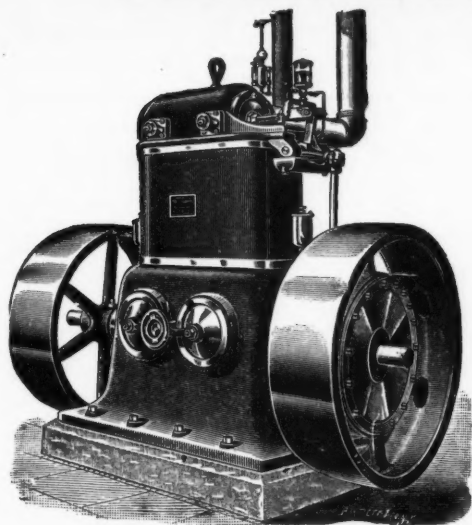
From a Mantelpiece in the Hôtel Cluny, Paris, France.



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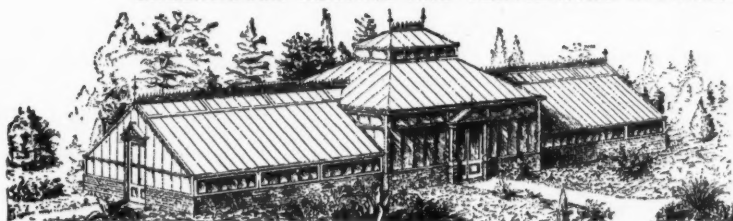
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BUILDING PATENTS.

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- 591,389. SASH-CORD FASTENER.—John C. Byrbe and Peter E. Peterson, Pensacola, Fla.
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- 591,409. HEAT-INSULATING ARTICLE.—John Lumley, San Francisco, Cal.
- 591,411. STONE-PLANING MACHINE.—Jas. Mann, Philadelphia, Pa.
- 591,431. COUPLING FOR TRAPS AND PIPES.—Nathaniel E. Smith, Jersey City, N. J.
- 591,469. SASH-FASTENER.—James M. Graham, Drayton, N. D.
- 591,479. LOCK.—John J. Link, St. Louis, Mo.
- 591,505. WATER HEATER AND PURIFIER.—Wilbur L. Shepard and Erastus W. Whitlock, Elmwood, Conn.
- 591,519. BENCH-DOG.—Eli Zimmerman, Watertown, N. Y.

BUILDING PATENTS.

- 591,537. SASH-FASTENER.—Wm. J. Neidl, New Britain, Conn.
- 591,550. SCREEN-DOOR.—Julia Fritz, Concord, Mich.
- 591,554. DAMPER-REGULATOR.—Chas. C. Kesty, Northumberland, Pa.
- 591,562. DAMPER-REGULATOR.—Frederick T. Mueller, New York, N. Y.
- 591,569. TRANSOM-LIFTER.—Herbert W. Peirce, Waltham, Mass.
- 591,578. ELEVATOR.—George H. Tuttle, Braintree, Mass.
- 591,586. GATE-LATCH.—Orus Bower, Brodhead Ky.

METRIC CONVERSION TABLE.

The following metric conversion table has been compiled by Mr. C. W. Hunt, M. Am. Soc. M. E., President of the C. W. Hunt Company, of New York City, and is most convenient in dealing with metric weights and measures:

Millimetres x .03937	= Inches.
Millimetres ÷ 25.4	= Inches.
Centimetres x .3937	= Inches.
Centimetres ÷ 2.54	= Inches.
Metres x 39.37	= Ins. (Act of Congress.)
Metres x 3.281	= Feet.
Metres x 1.094	= Yards.
Kilometres x .621	= Miles.
Kilometres ÷ 1.6093	= Miles.
Kilometres x 3280.7	= Feet.
Square millimetres x .0155	= Square inches.
Square millimetres ÷ 645.1	= Square inches.
Square centimetres x .155	= Square inches.
Square centimetres ÷ 6.451	= Square inches.
Square metres x 10.764	= Square feet.
Square kilometres x 247.1	= Acres.
Hectares x 2.471	= Acres.
Cubic centimetres ÷ 16.383	= Cubic inches.
Cubic centimetres ÷ 3.69	= Fluid drachms. (U. S. P.)
Cubic centimetres ÷ 29.57	= Fluid ounces. (U. S. P.)
Cubic metres x 35.315	= Cubic feet.
Cubic metres x 1.308	= Cubic yards.
Cubic metres x 264.2	= Gallons (231 cu. ins.)
Litres x 61.022	= Cu. ins. (Act Congress.)
Litres x 33.84	= Fluid ounces. (U. S. P.)
Litres x .2642	= Gallons (231 cu. ins.)
Litres ÷ 3.78	= Gallons (231 cu. ins.)
Litres ÷ 28.316	= Cubic feet.
Hectolitres x 3.531	= Cubic feet.
Hectolitres x 2.84	= Bushels (2,150.42 cu. ins.)
Hectolitres x .131	= Cubic yards.
Hectolitres ÷ 26.42	= Gallons (231 cu. ins.)
Grammes x 15.432	= Grains. (Act Congress.)
Grammes x 981	= Dynes.
Grammes (water) ÷ 29.57	= Fluid ounces.
Grammes ÷ 28.35	= Ounces Avoirdupois.
Grammes per cu. cent. ÷ 27.7	= Pounds per cu. in.
Joule x .7373	= Foot-pounds.
Kilograms x 2.2046	= Pounds.
Kilograms x 35.3	= Ounces Avoirdupois.
Kilograms ÷ 1102.3	= Tons (2,000 pounds).
Kilograms per sq. cent. x 14.223	= Pounds per sq. in.
Kilogrammetres x 7.233	= Foot-pounds.
Kilograms per metre x .672	= Pounds per square foot.
Kilograms per cubic metre x .062	= Pounds per cu. ft.
Kilograms per cheval vapeur x 2.235	= Lbs. per h. p.
Kilo-watts x 1.34	= Horse-power.
Watts ÷ 746	= Horse-power.
Watts ÷ .7373	= Foot-pounds per second.
Calorie x 3.968	= B. T. U.
Cheval vapeur x .9863	= Horse-power.
(Centigrade x 1.8) ÷ 32	= Degrees Fahrenheit.
Francs x .193	= Dollars.
Gravity, Paris	= 980.94 cent. per second.

BUILDING PATENTS.

- 591,594. SNOW-GUARD.—Henry M. Esselen, Boston, Mass.
- 591,611. FRAME FOR SKYLIGHTS.—Charles W. Strain, Cleveland, O.
- 591,615. STONE-CHANNELING MACHINE.—Abram C. Backus, Chicago, Ill.
- 591,618. ADJUSTABLE BENCH-DOG.—Hermann H. Brooksmith, Vincennes, Ind.
- 591,620. METALLIC DOOR-JAMB.—Jas. F. Buchanan, Allegheny, Pa.
- 591,655. APPARATUS FOR COOLING AIR.—Thos. B. Lightfoot, London, Eng.
- 591,664. WASHSTAND.—Bernard Badanes, Boston, Mass.
- 591,693. LOCK-HINGE.—August Rentsch, Brooklyn, N. Y.
- 591,705. EAVES-TROUGH.—Clarence J. Swink, Red Lion, O.
- 591,723. SHUTTER-FASTENER.—John Bannan, Providence, R. I.
- 591,751. DOOR-CHECK.—Franklin C. Fisher, Cascade, Col.
- 591,772. ROOF-BRACKET.—Jacob Matter, Lincoln, Cal.
- 591,783. ELECTRIC HEATER.—Oscar D. McClellan, Philadelphia, Pa.
- 591,785. FAUCET.—Patrick K. O'Lally, Boston, Mass.
- 591,788. BRICK.—Henry Pennie, Brooklyn, N. Y.
- 591,799. STORM-SASH AND WINDOW-SCREEN HANGER AND OPERATOR.—Julius D. Brainard, St. Paul, Minn.

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.

- Allegheny, Pa.—It is stated that Mrs. A. Delp, of the firm of Delp & Bell, furniture dealers, has in contemplation the erection of a new building on Federal St., at a cost of \$450,000.
- Altoona, Pa.—Plans prepared by C. M. Robinson, architect, are stated to have been accepted for a new edifice for the First United Brethren Church, to be erected on 12th St., to cost about \$25,000.
- Asbury Park, N. J.—Plans have been prepared

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

for a new edifice for the First Congregational Church, to cost about \$18,000.

Atlantic City, N. J.—Plans have been prepared for the proposed improvements to the Atlantic City system, its stations and buildings. The improvements include the double tracking of the road from Berlin to this city, the elevation of the track and the erection of a terminal station of stone, brick and iron. The cost of the whole will be about \$3,000,000.

Athens, Ga.—The congregation of Emmanuel Episcopal Church will build a new stone and brick church.

Baltimore, Md.—Improvements will be made to the Merchants' Club building to cost \$10,000. Architect Henry Brauns will draw plans.

Local papers state that the Druid Ridge Cemetery Co. is preparing to build a mausoleum at the cemetery, north of Pikeville, to cost about \$60,000.

Bangor, Me.—Reports state that George Billings has the contract to build a \$40,000 stable for Jos. Pulitzer, of New York City.

Brookline, Mass.—S. M. Shapleigh, the well-known builder, has purchased two lots of land on Harvard St., Babcock Hill, Brookline. One is on the corner of Fuller St. and one on the corner of Coolidge St. The lots contain about 10,000 square feet each. Mr. Shapleigh will build two elegant houses at once for investment.

Brooklyn, N. Y.—Mr. Alexander Waldron, 254 Fifth St., will build 50 dwellings, on both sides of 50th St., west of 5th Ave. Architect H. L. Spicer, 204 Montague St., drew the plans which call for two-story and basement buildings, 20' x 40', of brownstone with tile roof. Heating will be either steam or hot water. The whole operation will cost about \$300,000.

Buffalo, N. Y.—The plans for the new Buffalo Savings Bank Building have been submitted to out-of-town architects for a selection. Nothing will be done by the Building Committee until this selection is made.

Cambridge, Mass.—Report states that a new brick building to be used as a dining hall is to be erected for Harvard College on Holyoke St. from plans by Edmund H. Wheelwright, of Boston.

Central Falls, R. I.—Geo. H. Perkins is chairman of a committee formed to consider the subject of building a I. O. O. F. Hall.

Cheboygan, Mich.—Company H, Third Regiment Infantry, has voted to erect a new armory, to cost about \$10,000.

Chester, S. C.—Mr. E. M. Willingham has charge of the work for erection of the new Presbyterian Church, to cost \$10,000. Contract not yet let. A new Methodist Church will be built, junction York and Saluda Sts., to cost \$12,000.

Chicopee, Mass.—A new library building to cost \$40,000 is contemplated. Rev. Charles Pease is interested in the movement to raise the money.

Chicago, Ill.—Plans have been completed by W. H. Pruyn, Jr., architect, 231 Forty-second St., for

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

two houses, to be built at the southeast corner of Grand Boulevard and 48th Pl., by W. H. Pruyn. They will be three stories high, of stone construction, and will cost about \$36,400.

L. H. Sullivan, architect, 1600 Auditorium, has completed plans and is receiving bids for the construction of a mercantile building for the United Loan & Investment Co. on Biecker St., New York. The building will be 12 stories above ground and 2 below, and will be 83½ x 100'. The cost of the building is estimated at \$250,000 to \$275,000.

Some sketches are being made with a view of converting the Studebaker Building on Michigan Boulevard into two recital halls and studios for musicians and artists. S. S. Beman, 507 Pullman Building, is the architect.

Architect William G. Barfield, United States Express Building, is preparing plans for a \$15,000 residence for Mr. Rickards, banker, 115 Monroe St., Cleveland, O.

Plans have been prepared by Architects Hubbell & Benes, New England Building, for an apartment-building. It will cover 100' x 175', three stories high, built of pressed-brick, and will cost \$60,000.

Architects Steffans, Searles & Hirsch have prepared plans for a hall for the Woodliff Estate. It will be 48' x 66', three stories, built of pressed-brick, and will cost about \$12,000.

Local papers state that a new five-story brick block will be erected on Superior and Bond Sts. C. F. Riblet is the owner and projector. O. W. Williams and G. F. Hammond are the architects.

Clinton, Mass.—The town has voted to erect a new central fire-station at a cost not exceeding \$15,000.

Courtland, Tenn.—The Oakland Baptist congregation are to erect a church.

Cranford, N. J.—The citizens have voted to build a new school-house to cost about \$24,700 and a primary school-house to cost for site and foundation, \$5,000. To pay for these the Board of Education has been authorized to issue bonds to the amount of \$30,000.

Darlington, Wis.—The contract for erecting the new school-building here is stated to have been awarded to F. Stewart, of Freeport, at \$11,800.

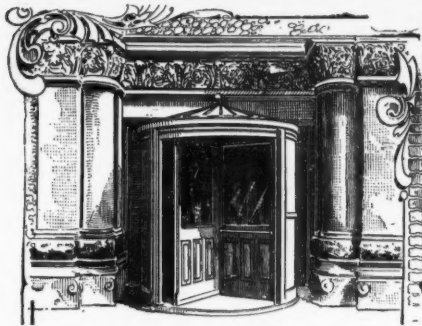
Deadwood, S. D.—J. T. Gilmore will erect an opera-house, at a cost of about \$16,000. M. Alber, architect, is preparing plans. It will be a three-story frame, 60' x 120', covered with corrugated iron, with seating for 1,500.

Des Moines, Ia.—George Hallett, architect, has prepared plans for a society hall, theatre and gymnasium for the Turner Society, to be erected at once on 8th St.; cost about \$10,000.

Detroit, Mich.—Architects Malcomson & Higginbotham have completed plans for a school-building for the Board of Education, to be erected on Scott Ave. at a cost of \$28,000. 145' x 216' with slate roof and fan blower system of heating.

Local papers state that arrangements are about completed for the erection of a new theatre on Woodward and Washington Aves.

Dr. J. B. Hook of this city proposes to erect an auditorium of 6,000 seating capacity, a modern office-building and a hotel, all under one roof, to



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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

occupy the entire block bounded by Jefferson and Woodward Aves., and Griswold and Larned Sts. It will be 20 stories high.

Eau Claire, Wis.—The Masonic Temple Building Association has over \$27,000 pledged toward the erection of the proposed new building. Arrangements for carrying on the work are now being considered.

Fargo, N. D.—The City Council has granted permission to the Northern Pacific Railroad Company to erect a temporary frame depot for the winter. In the spring the company will erect a stone depot to cost \$25,000.

Haverhill, Mass.—The Board of Aldermen have authorized the Committee on Public Instruction to procure plans for a \$40,000, eight-room school-house to be erected in Ward 6.

Helena, Ark.—Contract has been let to build new St. John's Episcopal Church to cost \$26,000. Patk. Powers, of Little Rock, contractor.

Houghton, Mich.—W. T. Pryor, architect, has prepared plans for the foundation walls for the proposed Finnish Theological Seminary, to be put in this fall. Will be 88' x 60', three-st'y., with furnace, laundry, gymnasium, etc. The foundation walls will be of Portage Entry redstone.

Houston, Tex.—Plans for the Orphans' Home at Corsicana, drawn by Glover & Allen, of this city, have been accepted.

Hyde Park, Mass.—Fredk. Hall, cor. Hyde Park Ave. and River St. is preparing plans for a four-st'y \$15,000 brick business block, also plans for a one-st'y brick bank building, 27' x 60', to cost \$6,000.

Iowa City, Ia.—The Board of Regents of the State University at a meeting October 7 voted to erect a new collegiate building on the north end of the campus.

Knoxville, Tenn.—Plans by Architect F. K.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Thompson has been accepted by the Knoxville College for the erection of a new building.

Laconia, N. H.—The Laconia Hospital Association contemplate erecting a new hospital as soon as the site for one has been selected and approved. They now have four or five locations under consideration.

Leg, Mass.—Architect Geo. E. Kramer, 1 Madison Ave., New York City, has prepared plans for wooden church for First M. E. Society, to cost \$8,000; also parsonage, \$1,500. Contract not let. W. H. Eaton, Chairman Building Committee, Rev. C. W. McPherson, pastor.

Lenox, Mass.—The New York, New Haven & Hartford Railroad Company has decided to build a fine new passenger depot at Lenoxdale and to abandon the present passenger station at Lenox. The depot will be a large and commodious building, of stone, and will be fitted with every requisite such as the wealthy people who frequent Lenox demand. The site will allow extensive landscape work, and the approach to the station will be made a winding road, bounded by shrubbery, in such a manner as to hide the tracks.

Lincoln, Neb.—The contract for erecting the new Mechanic Arts Building on the University grounds is stated to have been awarded to Grace & Kelley, at \$25,648.

Labon, N. D.—An election is to be held November 2 to vote on the proposition to bond for \$20,000 for the construction of a Court-house and jail.

Lorain, O.—At the meeting of the Board of Directors of the Y. M. C. A. October 7, the Building Committee was authorized to get plans and estimates for the \$17,000 building to be erected on 10th Ave.

Louisville, Ky.—Local papers state that at a meeting of the French Leek Springs Co., October 12, a committee was appointed with John Doerhoefer as chairman, to arrange plans and specifications for a

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

new hotel; estimated cost of the new building to be about \$100,000.

Memphis, Tenn.—The City School Board will build school-house on Poplar St. to cost \$54,000.

Menasha, Wis.—Plans by H. J. Van Ryn, architect, of Milwaukee, were adopted for the new city library. It will be 70' x 75', two-st'y., of cut stone; cost, \$15,000.

Milton, Mass.—Chas. J. Page, W. E. L. Dillaway and Michael M. Cunniff have purchased 33 acres of land lying between Water St. in Hyde Park and Brush Hill in Milton, and will lay it out in streets and in lots of 3,000 to 5,000 square feet each.

Milwaukee, Wis.—Crane & Barkhausen, architects, are preparing plans for a Catholic school-house, to be erected at the corner of 12th and Cedar Sts. The building will be 60' x 80', two stories high, built of solid brick, and will cost about \$10,000.

The Fabst Brewing Co. will build a \$20,000 brick and stone four-st'y store on 2d St., bet. Grand Ave. and Well St. Plans were prepared by C. G. Hoffman, architect, G. Steuwe, builder.

A \$12,000 residence will be erected by E. Wells on 14th St.

Morgantown, W. Va.—Plans have been adopted for a new high-school building, of 16 rooms and to cost \$40,000.

Newark, N. J.—Rankin & Kellogg, Philadelphia, were selected architects for the new Public Library to be erected here at an estimated cost of \$190,000. Their plans call for a three-st'y and basement building to be of steel-skeleton construction and thoroughly fireproof. The front will be of granite, Indiana limestone and buff brick. The interior will be finished in oak. Passenger and freight elevator will be installed. Steam heat and an independent electric-light plant are called for.

New Orleans, La.—Plans drawn by Glover & Allen,

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Houston, Tex., have been accepted for new opera-house.
Newport, R. I.—At the election in November the citizens will be asked to vote on the proposition to appropriate \$40,000 to purchase a site and erect a new school-building in the northern part of the city.
New York, N. Y.—S. D. Cohen, 203 Broadway, has completed plans for 67 three-st'y bk. dwells. of various dimensions to be erected on Daly Ave., by Messrs. Ginsburg & Matchot, 132 Nassau St. Estimated cost, \$650,000.
Instead of repairing the mercantile-building on Greenwich St., northeast corner of Light St., recently gutted by fire, the R. E. Dietz Co., owners, have decided to put up a new eight-st'y fireproof structure, to cost \$80,000. The architect, Wm. J. Fryer, 17 Broadway, will be ready to receive estimates after November 1.
Lansdale Boardman, 18 Wall St., will probably build a private stable on the lot 25' x 109' 5" at 134 W. 54th St.
The Board of Education awarded the contract for erecting a school-building on 119th and 120th Sts., between 2d and 3d Aves., to P. J. Walsh, 503 Fifth Ave., at \$307,000.
The contract for remodeling the interior of the City-hall for the accommodation of the Greater New York Government was awarded by General Collins to J. T. Brady, whose bid was \$181,500. The contract was let without advertising in order to expedite the work. Mr. Brady undertakes that the chamber of the Municipal Assembly as well as the clerk's office will be completed and ready for occupancy by January 1. The rest of the work is to be finished before March 1.
Norristown, Pa.—The Grand Jury for the October

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Quarter Sessions on October 8 recommended the erection of an addition to the Court-house. It is estimated that the improvement will cost about \$100,000.
Philadelphia, Pa.—Jos. M. Huston has preliminary drawings in preparation for a twenty-two-st'y office building to be erected at the northeast corner of Broad and Sanson Sts. As yet the details of the work have not been thoroughly planned, but it is thought that the structure will be of iron, thoroughly fireproof, with a stone and terra-cotta front.
Addison Hutton has plans in preparation for an addition to the Harrisburg State Hospital. The proposed work will cost a quarter of a million dollars, and will be of brick trimmed with stone.
Another firm of architects are engaged on plans for the new hotel to be erected on the present site of the Girard House, 9th and Chestnut Sts. The plans as drawn by Carpenter & Peebles, Penn Mutual Building, call for a ten-st'y structure of stone and brick, with terra-cotta trimmings.
Pittsburgh, Pa.—Alden & Harlow, architects, Vandegrift Building, have prepared plans for a department store for C. H. Rowe & Co., East End. It will be 80' x 145', five stories, built of pressed-brick with stone foundation, and will cost about \$40,000.
Portsmouth, Va.—The city is to erect a public school building to cost \$10,000. The Catholics are to build a church to cost \$60,000. The Baptists will build a church at Park View to cost \$6,000.
Raleigh, N. C.—The Capitol Club will build handsome club-house.
Roanoke, Va.—Lakeland Lodge No. 140 A. F. and A. M., will erect a handsome temple on Kirk Ave. and Henry St.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The Colored First Baptist Church will erect new church.
Spartansburg, S. C.—The Trustees of Converse College have had plans drawn for an extension.
St. Louis, Mo.—A three-st'y school of fine arts will be erected on 19th St., bet. Locust and St. Charles Sts., at a cost of \$15,000, H. C. Ives, director.
Architect Isaac S. Taylor has finished the plans for a \$50,000 factory building on O'Fallon St., bet. 22d and 23d Sts. The factory is to be built for the Burns Estate for the use of the Tenent-Stribling Shoe Co. It will be five stories high and built on a lot 60' x 130'. It will be a strictly slow combustion building, with a full sprinkling plant, protected elevator shafts, disconnected stairways, etc. The power used will be electricity.
St. Paul, Minn.—The A. Booth Packing Co. has bought the lot on W. 3d and St. Peter Sts., and will erect a packing warehouse, storage and office building. It will be 102' x 130', ten stories on the railroad side and two on the 3d St. side, of stone and brick, C. W. Turner, manager. Cost of building and equipments, \$60,000.
Sturgis, Mich.—At the special election held October 5 the City voted to issue \$50,000 in bonds to build a City-hall and Court-house.
Terre Haute, Ind.—H. I. Miller, superintendent of the Vandalia, has purchased a lot on S. 6th St., where he will erect a residence costing about \$15,000, after the plans of Floyd & Stone, architects.
Wabash, Ind.—The County Commissioners awarded

[Continued on page xliii.]

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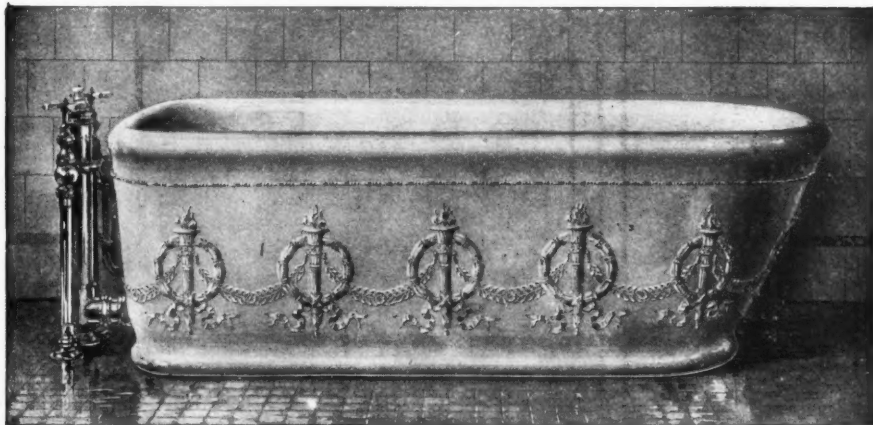
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the contract for building the new Wabash County Soldiers' Memorial Hall to William McMullen, of Huntington, at \$21,000.

Warren, R. I.—Plans have been prepared and the Town Council has completed arrangements for the erection of a new depot to replace the present structure.

Washington, D. C.—Contract for the erection and completion of the pavilion buildings for the Government Hospital for the Insane near this city has been awarded to Baldwin & Peake, Washington, at \$46,968; time, 150 working days.

Westboro, Mass.—The contract for building the new addition to the Insane Hospital has been awarded to H. F. Cummings, of Ware, at \$44,000; architects, Rand & Taylor and Kendall & Stevens, Boston.

Woodhaven, L. I., N. Y.—The contract for erecting the addition to school-building No. 1 has been awarded to Chas. Singer, at \$35,350.

Wyandotte, Mich.—Malcomson & Higginbotham, of Detroit, have completed drawings for a residence for Edward Ford. To be 62' x 95' in size, 2½ stories high, of pressed-brick with slate roof; cost, \$30,000.

APARTMENT-HOUSES.

Chicago, Ill.—Sawyer Ave., three-st'y bk. & st. flats, 47' x 55', gravel roof, hot water; \$10,000; o., Ernest Steinweg; a., Flizikowska & Kaiser, 98 W. Division St.
 Lake View, four-st'y & base. bk. & st. flats, 55' x 200', comp. roof, steam; \$60,000; a., M. S. Gregory, 601-85 Dearborn St.; not let.

HOUSES.

Boston, Mass.—Barton St., nr. Leverett St., Ward 8, four-st'y bk. dwell., 30' x 35' x 38', flat roof, stoves; \$10,000; o. & b., Louis Ziemann; a., C. A. Halstrom.

Torrey St., nr. Washington St., Ward 24, three-st'y fr. dwell., 25' x 48', flat roof, stoves; \$4,000; o. & b., E. S. Gay, Revere.

BUILDING INTELLIGENCE.

(Houses Continued.)

Barrington St., cor. Stonehurst St., Ward 20, two-st'y fr. dwell., 24' x 27' x 43', pitch roof, furnace; \$4,500; o. & b., Peter Riley, Stonehurst St.

Stonehurst St., nr. Topliff St., Ward 20, two-st'y fr. dwell., 24' x 27' x 43', pitch roof, furnace; \$4,500; o. & b., Daniel Riley, 41 Savin Hill Ave.

Norton St., nr. River St., Ward 24, two-st'y fr. dwells., 20' x 37', pitch roofs, furnaces; \$6,000; o., Mary E. Currie; b., R. K. Haekell, Vose St., Dorchester.

Congreve St., nr. South St., Ward 23, two-st'y fr. dwell., 30' x 44', pitch roof, furnace; \$4,500; o., F. S. Hawkins; b., Richard Duffie, Roslindale.

Wensley St., nr. Parker St., Ward 3, three-st'y fr. dwell., 23' x 49', flat roof, stoves; \$4,000; o., Mrs. P. H. Moore; b., P. H. Moore.

South St., nr. Centre St., Ward 2, two-st'y fr. dwell., 29' x 44', pitch roof, furnace; \$10,000; o., Nora L. Murphy; b., Jas. H. Murphy, 52 Custer St., Jamaica Plain.

Mt. Vernon St., nr. Boston St., Ward 16, two-st'y fr. dwell., 25' x 55', pitch roof, furnace; \$5,500; o. & b., Wm. T. Fitzgerald, Union Sq., Somerville.

Esmond St., nr. Charlotte St., Ward 20, two-st'y fr. dwell., 32' x 37', pitch roof, furnace; \$6,000; o. & b., J. H. Davidson, 12 Spencer St.

Colberg Ave., nr. Cornell St., Ward 23, two-st'y fr. dwell., 31' x 37', pitch roof, hot water; \$4,500; o. & b., Brown Bros., Roslindale.

Maple Ave., nr. Etna St., Ward 25, two-st'y fr. dwell., 33' x 33', pitch roof, furnace; \$4,500; o. & b., S. H. Leary, 26 Foster St., Brighton.

Wensley St., nr. Heath St., Ward 19, three-st'y fr. dwell., 26' x 50', flat roof, furnace; \$5,000; o., John Murray; a., James H. Booth, 1158 Columbus Ave.

Fowler St., nr. Glenway, Ward 20, two-st'y fr. dwell., 32' x 46', pitch roof, furnace; \$4,700; o., L. F. Plunkett; b., F. W. Belyea.

Seaver St., nr. Elm Hill Ave., Ward 21, 2½-st'y fr. dwell., 35' x 56', slate roof, comb. heat; \$10,000; o., W. M. W. Spring; b., E. F. Moulton; a., H. M. Stephenson.

BUILDING INTELLIGENCE.

(Houses Continued.)

Elizabeth N. J.—2½-st'y fr. dwell., 30' x 32'; \$4,500; o., W. H. Haines; a., Child & De Goll, 62 New St., New York City.

2½-st'y fr. dwell., 40' x 40'; \$5,000; o., C. H. Harrington; a., Child & De Goll, 62 New St., New York City.

Westminster Ave., 2½-st'y fr. dwell., 27' x 35'; \$5,500; o., Jarvis Worden; a., G. Clinton Mackenzie, 2 Julian Pl.

Jersey City Heights, N. J.—2½-st'y fr. dwell.; \$5,000; o., Mrs. H. F. Johnson, 220 Washington St., Jersey City; private plans.

Larchmont, N. Y.—Two-st'y fr. dwell., 34' x 38'; \$5,000; o., Peter Cunneen, 19 Centre Ave., New Rochelle; a., Palliser, Palliser & Co., 237 E. 44th St., New York City.

National Park, N. J.—2½-st'y fr. dwell., 32' x 50'; \$5,000; o., Rev. J. E. Lake; genl. c., Philip Anns, Room 419 Bourse Building, Philadelphia, Pa.; private plans.

Newark, N. J.—Leslie Pl., nr. Clinton Ave., 2½-st'y fr. dwell., 28' x 47'; \$5,000; o., C. Wenham Smith, Leslie Pl.; a., C. P. Baldwin, Prudential Building.

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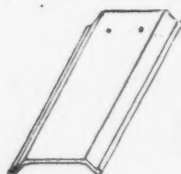
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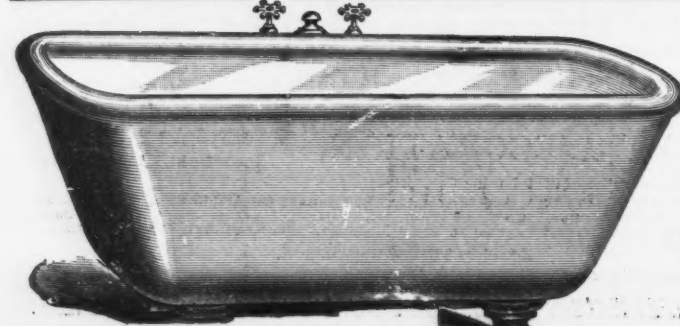
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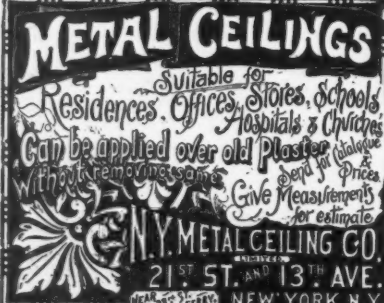
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Kibble.....	90 @ 90	90 @ 1 10	@	1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 1 30	1 00 @ 1 30	1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	55 @ 75
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
Berlin.....	75 @ 1 00	80 @ 90	45 @ 55	1 00 @ 1 10
Belleville.....	80 @ 1 25	25 @ 1 35	@ 1 25	1 05 @ 1 15
New Brunswick (Dorchester).....	@ 1 00	75 @ 90	Not sold.	1 25 @ 1 35
Potadam Red.....	@ 1 30	@ 1 40	@ 1 55	95 @ 1 05
Caen.....	@ 1 05	@ 2 00	@	95 @ 1 05
Carlisle, English.....	@ 1 05	@ 1 05	@	80 @ 1 50
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	75 @ 85
Granite: (Maine)	@	@ 60		Richmond
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 1 50
Joliet.....	1 00		@	Perch 4 50 @ 5 50
Lemont.....			@	1 in. th. 10 @ 25
Serpentine.....		10 50 per ton.	@	37 @ 50
Bluestone: (P sq. ft.)			1 00 @ 1 25	
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	
Planed.....	50 @ 6 00	@ 75	@	
Marble: (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	2 00 @ 4 00
Pennsylvania, blue.....	@	@	Not sold.	2 00 @ 3 00
Vermont, white.....	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square).				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 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 80	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
Tile, Am..... P M.	@	@	Salt-glazed tiles	5 76 @ 6 25
N. Peach Bottom, waf. unfading	@	@	9" sq. per ft.	8 60 @
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d qual ty.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea13 @ 14	11 00 @ 14 00	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
Clapboards:				
Pine.....	@	38 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....			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	12 50 @ 15 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	18 00 @ 21 00	16 00 @ 25 00	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	1 @ 60			
Round Wood.....	2 25 @ 2 50		1 90 @ 2 00	2 75 @ 3 00
Spruce.....	1 75 @ 2 00	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed..... "	4 00 @ 5 00	@ 4 50	2 60 @ 2 75	30" \$35 @ 40
Spruce, sawed..... "	1 50 @ 2 00	1 50 @ 1 75	Not sold.	24" 8 @ 21
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	20" 35 @ 14
Cedar split..... P M.	@	@ 6 00	Not sold.	
Cedar sawed..... "	@	2 00 @ 3 25	2 50 @ 2 90	
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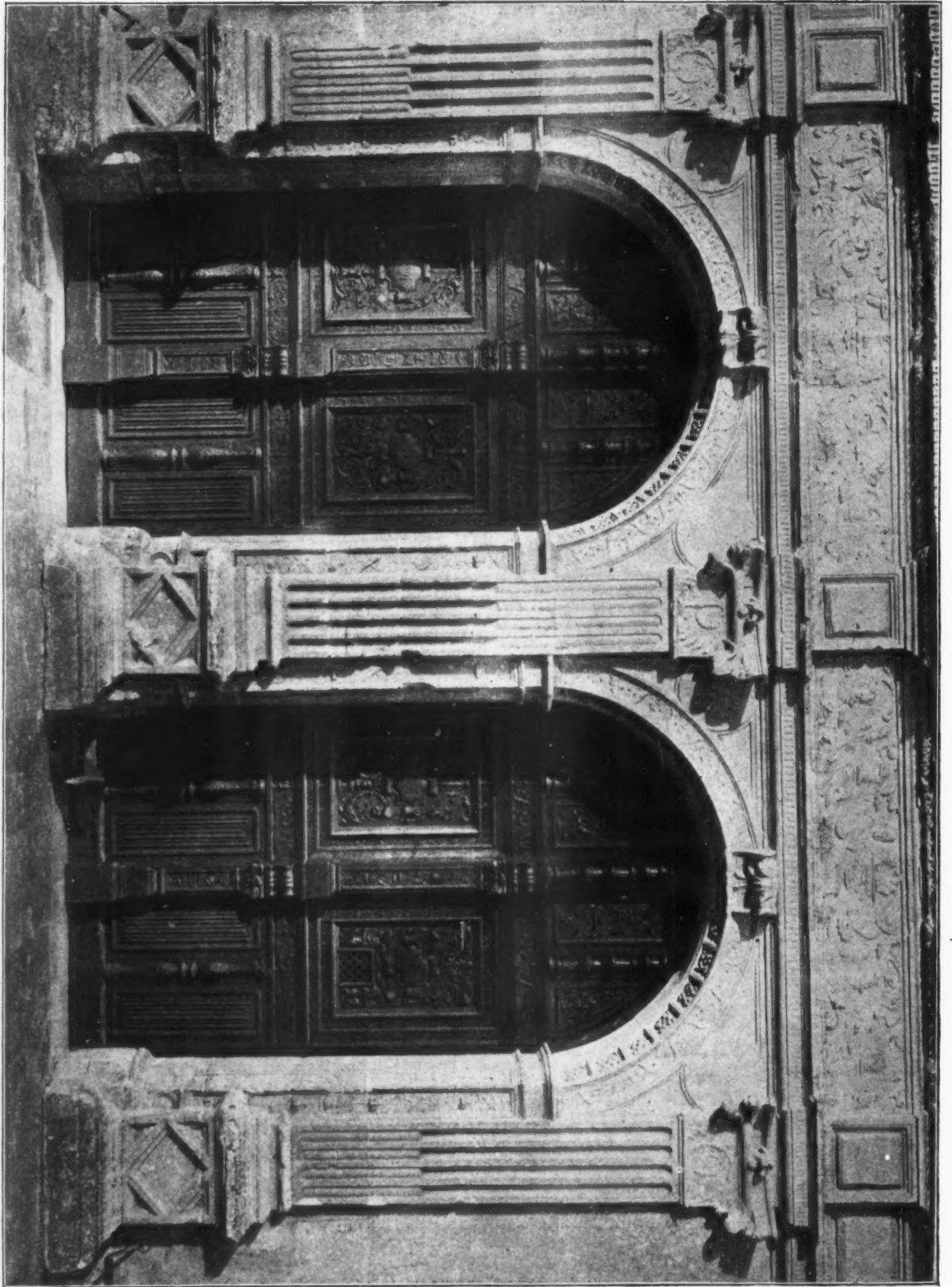
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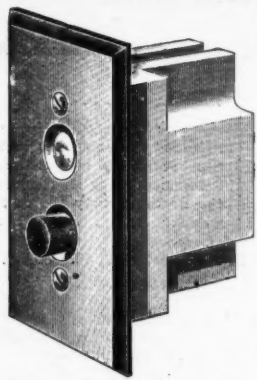
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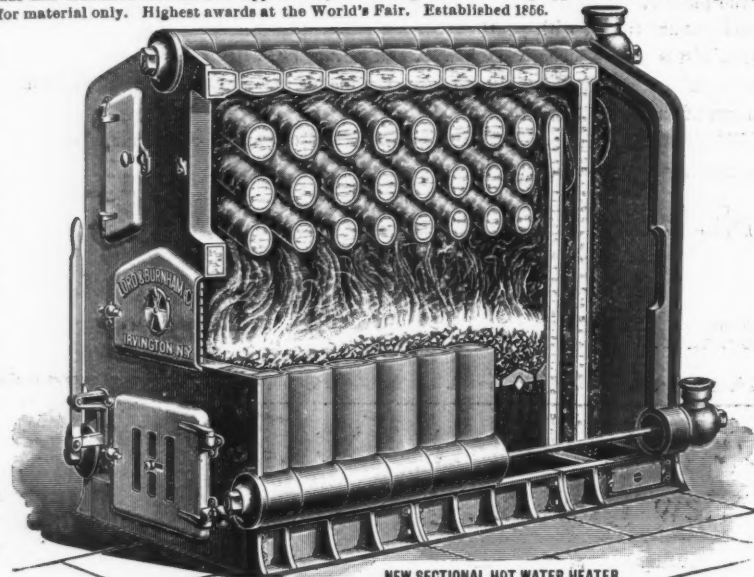
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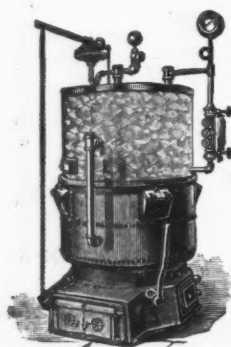


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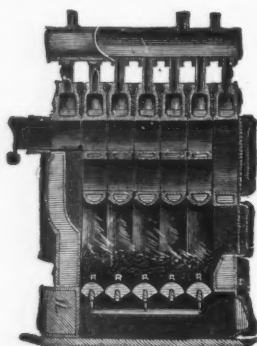
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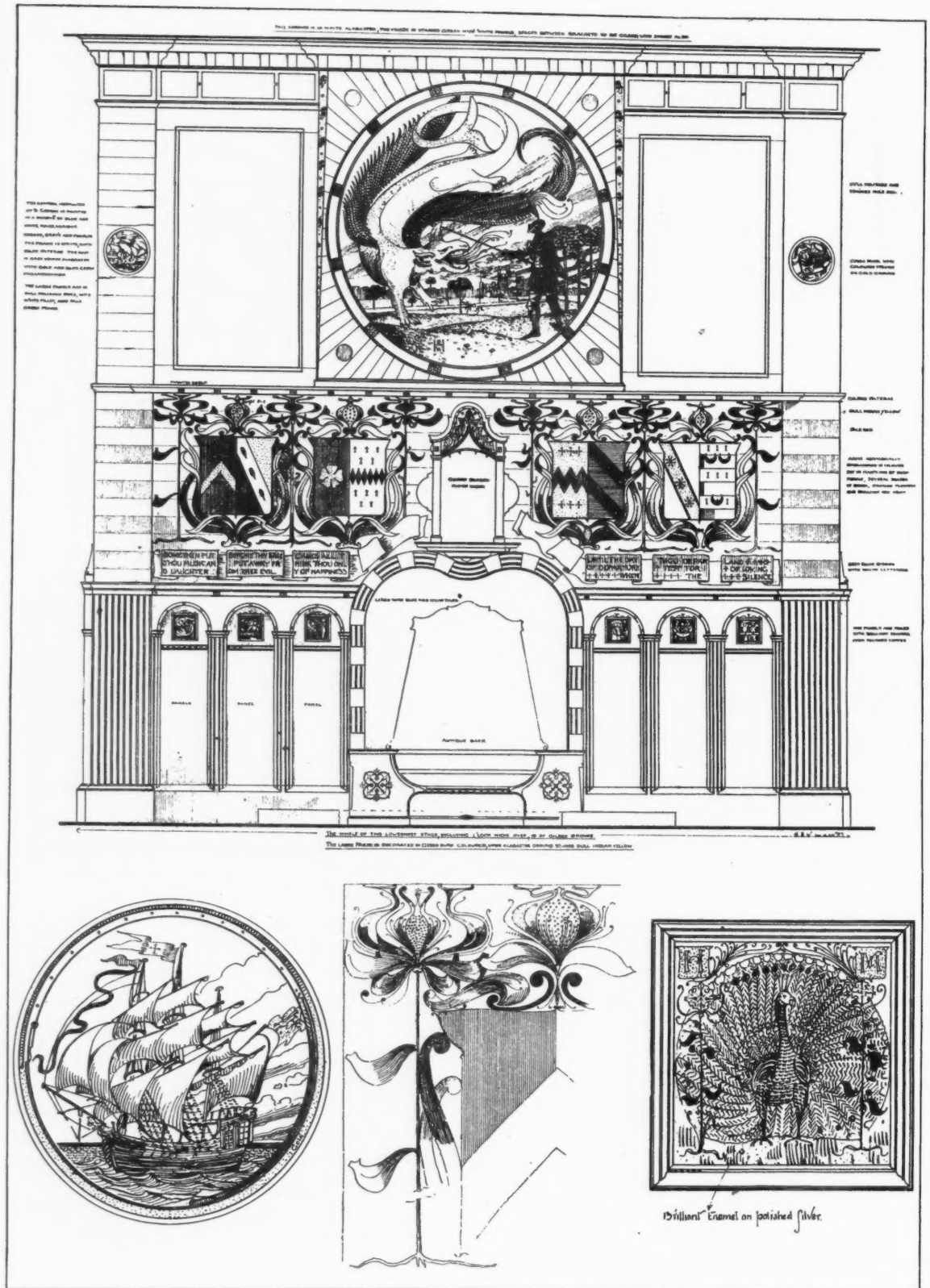
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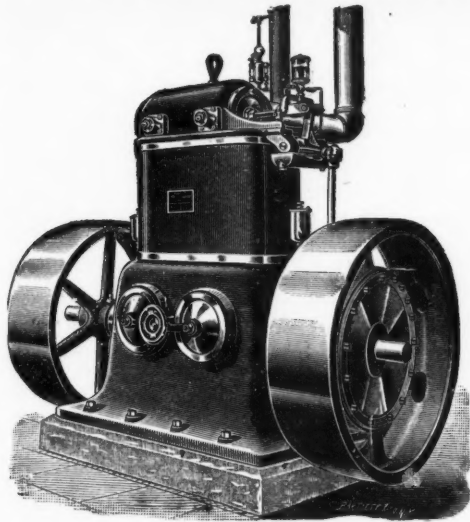
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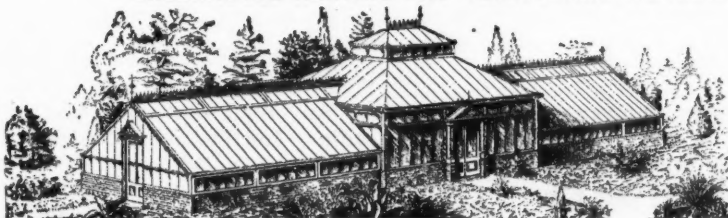
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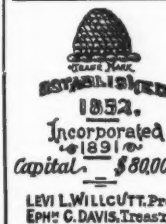


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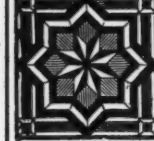
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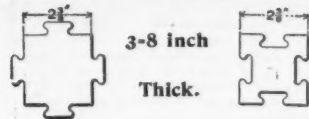
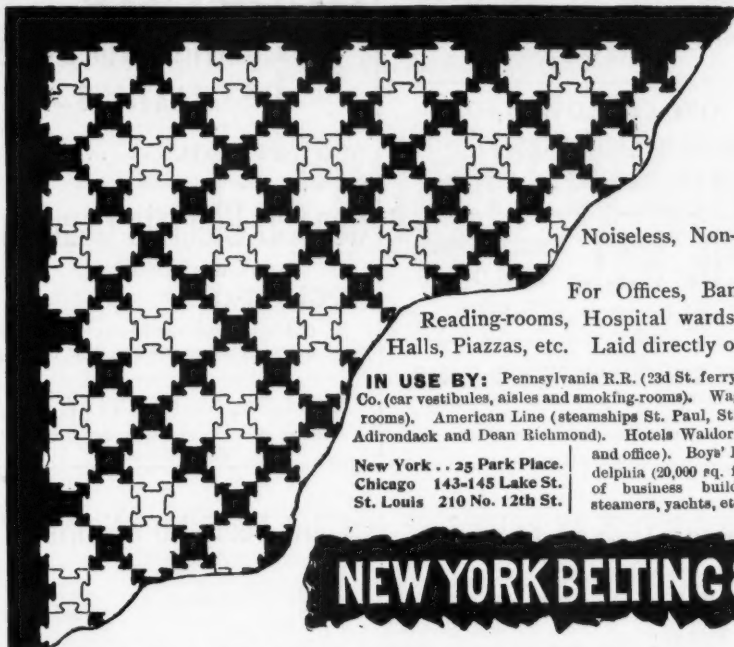
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AMERICAN BOILER CO. (Chicago, Ill.), Hot-water Heaters. Page 1x.
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See last or next issue for the following advertisements:—

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[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for five cents.]

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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.—At a meeting in New York City October 15 it is stated that the New York Central Railroad Co. decided to build a new station at Albany, to cost about \$500,000. Work will be begun at once, and the plans will be drawn up.
Amesbury, Mass.—A new school house is to be built in the Elm St. district. S. I. Collins, Chairman of Building Committee.
Appleton, Wis.—The Lawrence University will

SEND FOR SAMPLES OF THE NEW ROOFING. ALL ASBESTOS. H. W. JOHNS M'FG CO., 100 WILLIAM STREET, NEW YORK. CHICAGO, PHILADELPHIA, BOSTON.

BUILDING INTELLIGENCE.

[Advance Rumors Continued.]

shortly ask architects to submit plans for the proposed Stevenson Science Hall with an electric-plant in connection. Work will not be commenced until spring.

Austin, Ill.—Plans have been completed for a new Masonic Hall. It will be a four-story structure, 60' x 70'.

Bayonne, N. J.—The Board of Education contemplates erecting a new brick school-building. The cost is estimated at \$30,000.

Bellefontaine, O.—At the coming election the citizens will be asked to vote on the question of issuing bonds to the amount of \$30,000 to build a new City-hall.

Beverly, Mass.—Dr. J. H. Dearborn is to build a business block on the corner of Knowlton and Winter Sts.

Binghamton, N. Y.—The West Presbyterian Church Society contemplates erecting a new church to cost about \$30,000, according to reports.

Boston, Mass.—Morris Gutlon has purchased about 6,000 square feet of land on Huntington Ave., near Parker Hill Ave., on which he will erect 4 four-story brick apartment-houses.

The Committee of the Grand Lodge of Masons have awarded the contract for the new Masonic Temple to be erected on Tremont and Boylston Sts. from plans by Loring & Phipps, architects, to W. L. Clark & Co., of the Master Builders' Association. This structure will be one of the finest of its kind in the country. It will cover about 10,150 square feet of land, and will be 11 stories high, nine above the street level and two below. The sub-basement will be about 26' below the grade of Boylston St., and the cornice of the building will be 125' above the level of Tremont St., and it is estimated that the total cost above the land will figure about \$500,000. The construction is to be of steel and fireproof material, the exterior being of granite, with all of the surfaces dressed, the style being simple, with classic details. The heating of the building is to be by the vacuum system,

METRIC CONVERSION TABLE.

The following metric conversion table has been compiled by Mr. C. W. Hunt, M. Am. Soc. M. E., President of the C. 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 × 1.308	= 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 INTELLIGENCE.

(Advance Rumors Continued.)

with thermostat automatic control of all valves. At the rear, on Head Pl., is a series of fire-escapes connecting every story from the roof down. There will also be another fire-escape on the Fremont St. side. Work on razing the present old structure will be begun at once, and it is expected that the new temple will be ready for occupancy about December 1, 1898. The work will be under the personal supervision of the architects.

George Wheatland, 54 Devonshire St., has bought of the Boston & Roxbury Mill Corporation 10,000' on Bay State Road, where he will at once build a block of houses.

Brooklyn, N. Y.—It is stated that plans have been completed for a new edifice for the Immanuel Presbyterian Church to be erected on Foster Boulevard, Flatbush, to cost about \$50,000.

Buffalo, N. Y.—Architect George J. Metzger has finished the plans for the new German Hospital. It was originally intended to be a five-sty structure, but only three stories will be built, though the foundations will be made according to the first plans, so that the additional two stories may be easily added when needed. The building will be constructed of brick, stone and terra-cotta, and will have a frontage of 114' and a depth of 125'. The material will be of steel with concrete flooring and expanded metal partitions.

The Common Council has given notice of intention to build a frame structure to be used as a manual shop for public schools.

Charlottesville, Va.—A press report states that plans have been prepared for a new hotel to be erected here by A. D. Wright, to cost about \$50,000.

Chelsea, Mass.—A site for the new police-station has been purchased. The lots include Nos. 27 to 31 Park St. Price paid about \$1.25 per foot.

Chicago, Ill.—It is reported that Flanders & Zimmerman, architects, 1521 Masonic Temple, have designed a \$75,000 residence to be built at the northwest corner of Ellis Ave. and 49th St. for G. F. Swift of Swift & Co. It will be constructed of white pressed-brick, with terra-cotta ornamentation, and will cover an area of 55' x 85'. The basement walls will be of enameled brick. The roof will be of slate and hot-water heating will be installed. Excavations have already been made.

Plans have been prepared by Gatterdam & Krieg, architects, 914 Schiller Building, for an apartment

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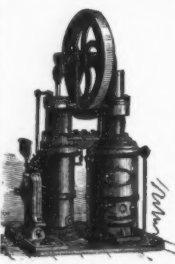

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BUILDING INTELLIGENCE.
(Advance Rumors Continued.)
building to be erected on the southwest side, 48' x 125', three-sty and basement, of stone and pressed-brick, and will cost about \$34,000.
Plans have been completed by Architect Henry Sierks for the new Cottage Grove Ave. police-station. The building will be three stories and basement, with first story of stone and pressed-brick and terra-cotta above for the avenue front and for the S. Park St. front, brick with stone trimmings. The cost will be about \$25,000.
Local papers state that the Trustees of the Chicago Orphan Asylum will erect a main building to cost \$45,000 and two cottages each to cost \$10,000 on the property of the asylum on Grand Boulevard and 51st St.
Normand S. Patton, Schiller Building, architect for the Board of Education, is preparing plans for a school-building to be erected at St. Lawrence Ave. and 49th St., at an approximate cost of \$60,000.
Cleveland, O.—S. R. Callaway, p. esident of the Lake Shore Railroad, will build a residence costing \$15,000.
Colville, Wash.—A committee has been appointed to consider the matter of plans for a brick Court-house to cost \$5,000 to \$10,000. H. G. Kirkpatrick is chairman.
Darien, Conn.—It is reported that Richard Croker, of New York, has purchased two building lots at Colender's Point, and will erect a handsome residence there.
Dendwood, S. D.—Plans are being prepared for an opera-house to be erected by J. T. Gilmore on Williams and City Creek Sts., to cost about \$16,000.
Dedham, Mass.—Plans are now being prepared by R. M. Bailey, Equitable Building, Boston, for a 2½-sty stone and frame hotel, which it is stated will be built on High St., opposite the Court-house, by a company of which John Crowley is to be President and Joseph J. Feeley, Treasurer.
Fall River, Mass.—The contract for building the Brayton Ave. School has been awarded to Geo. F. Allen at \$27,400. The contract for building and plumbing the Hicks St. School-house was awarded to John Crowe at \$27,856.
Ford City, Pa.—The contract for erecting the Free Library building at this place is stated to have been awarded to the Northwestern Building Co., of Pittsburgh, at \$25,000.
Granville, O.—The plans and specifications made by Yost & Packard, of Columbus, for the erection of a recital hall for Shepardson College (Baptist) have been accepted by the Board of Trustees of that institution. Work will be commenced at once.
Harrisburg, Pa.—The Crescent Brewing Co. will erect a new brewery building shortly. It is to cost about \$40,000.
Hutchinson, Kan.—The citizens, on October 12, voted in favor of issuing bonds to the amount of \$35,000 to the Hutchinson & Southern Road for building a union depot, general offices, roundhouse and machine shops in this city.
Indianapolis, Ind.—A press report states that the Trustees of the Columbia Club contemplate erecting an addition to the club-house at a cost of \$75,000.

BUILDING INTELLIGENCE.
(Advance Rumors Continued.)
Long Branch, N. J.—Mr. Lee, of New York, nephew of Gen. Robert E. Lee, has purchased the Clarke Estate at Lake Takannasse, Elberon, and will have two elegant cottages built at a cost of \$40,000. Frank Taylor and Randolph Silecum have had two cottages completed on W. 3d Ave., each costing about \$5,000.
Louisville, Ky.—Gilmore S. Adams will build a three-sty brick residence on 3d Ave., near Park Pl., to cost \$14,000.
Mamaroneck, N. Y.—Local papers state that plans are being prepared by Architects Pierce & Brun for two new school-buildings.
Milwaukee, Wis.—Plans by H. C. Koch & Co., architects, were adopted for the South Side high school building. It will be three stories high, 167' x 223', modern in construction and equipment; cost, \$90,000.
T. Dail has let the general contract to George Passen to erect a four-sty brick hotel building, 44' x 90'; cost, \$20,000.
Mrs. A. George Schultz will erect a \$1,400 stable on Cedar St., near 13th.
Monmouth Beach, N. J.—John R. McKesson, of New York City, is to build 3 cottages costing \$35,000 each.
J. A. Haskell, of New York City, intends building a \$30,000 cottage before the opening of next season.
Newark, N. J.—E. A. Wurth, 748 Broad St., has been selected architect for the brick and stone school to be erected on 15th Ave. at a cost of \$25,000.
Thomas Cressey, 800 Broad St., has been selected architect for the brick and stone school to be erected on Charlton St., and for which \$25,900 was appropriated.
New Rochelle, N. Y.—The Board of Education has instructed Architects Pierce & Brun to prepare a new set of plans to conform to the appropriation of \$105,000.
New York, N. Y.—Mr. G. H. Penniman, 536 Fifth Ave., has bought from the O. B. Potter Trust the plot, 30' x 125', on 5th Ave., 26' north of 88th St., with an ell, 26' x 55', to 88th St. and will build a large residence.
The New York Medical College and Hospital for Women, 213 W. 54th St., which has purchased the site on 101st St., north side, 100' east of Manhattan Ave., plot 45' x 100', will erect on it a college and hospital building. Preliminary sketches have been drawn by Wm. B. Tuthill, 287 Fourth Ave. and work on the final plans will be started in a week or two. If the idea embodied in the sketches is carried out, the building will be an eight-sty stone, terra-cotta and brick structure, and will cost not less than \$108,000.
The Church of Our Lady of Mercy, has purchased the site on Marion Ave. (proposed) south of Kingsbridge Road, plot 60' x 100', and will erect on it a new church building. The pastor of the congregation is Rev. James C. Rigney, 2789 Marion Ave.
The contract for erecting an engine-house on Ogden Ave. has been awarded to Ryan & McFarren at \$17,500.
Plans have been prepared for the building for

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and 84 Lake Street, Chicago.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the Board of Education. It will be of brick, eight stories in height, 100' x 125'. It is to cost \$350,000. Bids will be received in a few days.

At a meeting of Board of Estimate and Apportionment the following appropriations were made: \$99,000 for a new school site in the 12th Ward; \$53,738 for a school site on Auburn Ave. and 169th St.; \$115,000.80 for a school site on 104th St., between Madison and 5th Aves.

The contract for erecting the new hall and offices for the Board of Education at Park Ave. and 59th St. is stated to have been awarded to Thomas Cockerill & Son at \$244,900.

Niagara Falls, N. Y.—Hon. Frank A. Dudley, vice-president of the Electric Bank, has organized a stock company to erect a 250-room fireproof hotel. Work will commence within a few weeks.

Oskaloosa, Ia.—The Iowa Central Railroad Co. will shortly erect two new depots.

Faterson, N. J.—Messrs. Katz Bros. will erect a three-story and basement office-building on Market St. to cost about \$25,000. Plans are being drawn by Architect Charles Edwards, who will soon be ready for figures. Steam heat and electric-light will be installed.

Philadelphia, Pa.—Hales & Ballinger have prepared preliminary plans for the Methodist Episcopal Hospital to be erected at Edgeley and Belmont Aves. The plans of this firm have been accepted by the Building Committee, and detail drawings will be made at once. The first building is estimated to cost about \$100,000. The same firm have completed plans for a factory to be erected in Paschalville for Fels Naptha Co.

Chas. Balderston is now preparing drawings for a business building to be erected at 1210-22 Frankford Ave. The structure is to be 100' square, 10 stories high, iron fireproof construction, with façades of Pompeian brick relieved by terra-cotta. No contracts awarded.

Plans prepared by Hales & Ballinger, architects, have been accepted for the new Methodist Episcopal Home for the Aged, to be erected on 13th St. and Lehigh Ave., to cost about \$100,000, Mrs. J. H. Chubb, Chairman Building Committee.

Pittsburgh, Pa.—Long & Carroll, architects, 335 Fifth Ave., have made plans for two residences to be built by Mrs. C. A. Sparks, to be 30' x 55', two stories, built of brick with stone foundations, and will cost \$12,000.

Plans have been made by T. C. McKee, 331 Fourth Ave., for a residence to be built by Geo. W. Theis, 247 Water St. It will be 25' x 50', two stories, of brick and stone construction, and will cost about \$5,000.

Quincy, Ill.—Local papers state that the Chicago, Burlington & Quincy Railroad Co. will erect a new passenger station and a new freight depot at this place.

Red Wing, Minn.—The Council voted to submit at the April election the erection of a City-hall and armory, to cost not more than \$15,000.

Richmond Hill, L. I., N. Y.—A site has been selected for the new \$75,000 school-house, and the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Board of Education is working on the plans, and it is hoped to commence building operations soon.

Rockaway Beach, L. I., N. Y.—The Board of Education of Union Free School District No. 23 is stated to have awarded the contracts for the erection of the Central School-house and the Rockaway Park school-house to M. Gibbons & Sons, of Brooklyn. The Central School will cost \$70,728 and the Rockaway Park School \$16,000.

San Diego, Cal.—Sam F. Smith is stated to have been selected as chairman of a committee appointed by the Board of Education to investigate the matter of erecting a new high school, to cost about \$50,000.

Seabright, N. J.—Washington E. Connor, of New York City, will build a \$25,000 cottage.

Sedalia, Mo.—Arrangements are being made to build a four-story addition to Hotel Kaiser. The floors will be placed on the ground floors, modern plumbing will be placed through the building. Electric elevators will be used. Estimated cost, \$20,000. Messrs. Huckins, owners.

The contract for erecting new coach and building shops, eighteen buildings in all, for the M. K. & T. Railway, has been awarded to J. A. Daly, of Nevada, at \$85,000.

Stouffville, S. D.—The School Board has decided to build next year a \$50,000 building to be used for high school purposes.

Sparta, Mich.—The citizens have voted to issue \$9,000 in bonds to build a village hall.

Stonington, Conn.—It is announced that Erskine M. Phelps, of Chicago, has offered to give the Stonington Free Library a fireproof library building, to cost from \$5,000 to \$7,000, provided an endowment fund of \$10,000 is raised. Mr. Phelps is a native of Stonington.

St. Paul, Minn.—The P. D. Armour Co. has purchased several hundred acres of land with the intention of erecting three big stock-yards and a large packing-house plant.

Superior, Wis.—H. H. Smith, Secretary Board of Education, invites propositions from capitalists until November 15 to construct a building at a cost of \$20,000 to \$30,000 for high school purposes, to be leased to the Board for 10 years.

Toledo, O.—L. G. Wekler, Spitzer Building, has prepared plans for a house and barn to be built by E. E. Dow. It will be two stories, constructed of frame, with stone foundation, and will cost approximately \$10,000.

Washington, D. C.—The Secretary of the Treasury has approved the plans furnished for the new public building at Norfolk, Va., submitted by Wyatt & Nolting, architects, of Baltimore. The plans were formally accepted on October 15 and the architects requested to consult with the Supervising Architect's Office about a few changes which are to be made. Working drawings will then be prepared, but it is not probable that any of the work will be on the market before spring. The cost of the building is limited to \$180,000.

Washington, Pa.—A press report states that the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

County Commissioners have decided to have a competition for architects to erect a new \$500,000 Court-house. All architects competing must file letters of recommendation before October 25. Plans to be submitted by December 10.

West Baden, Ind.—It has been decided to rebuild the hotel which was destroyed by fire at French Lick Springs. The new structure will cost about \$100,000. A committee composed of Mr. John Doerhofer, M. J. Fetter and Capt. John Howard was appointed to receive plans and bids for the construction of the new hotel.

West Superior, Wis.—The Board of Education is stated to have decided to erect a new high school.

Worcester, Mass.—A. S. Lowell has purchased of H. H. Bigelow land at the corner of Foster and Norwich Sts. for the purpose of building a five-story brick or stone business structure. He has not fully decided as to the upper stories. Mr. Lowell plans to start the building this fall. The building will have a fronting of 150' on Norwich St. Architect not selected.

APARTMENT-HOUSES.

Arlington, Mass.—Massachusetts Ave. and Park St., two-story fr. store & flats, 48' x 60', flat roof, stoves; \$6,000; o. Mrs. Duncan; a. C. H. Bartlett, Massachusetts Ave., Cambridgeport.

Belmont, Mass.—Park Road, two-story fr. flats, 40' x 55', flat roof, steam; \$8,000; o. W. H. Cullen; a. E. E. Jordan, 2 Park Sq., Boston.

Boston, Mass.—Brimmer St., No. 1, Ward 11, five-story bk. flats, 40' x 47' x 83', flat roof, steam; 21 suites; \$75,000; o. Alfred Bowditch & Co., Trustees; b. Frank B. Gilbreth, 85 Water St.; a. J. W. Bemis.

Commonwealth Ave., nr. E. Charlesgate, Ward 11, bk. bachelor apartments, 133' x 200', flat roof, steam; \$500,000; o. Somerset Trust; b. Webb Construction Co., Worcester; a. A. H. Bowditch.

Brooklyn, N. Y.—Quincy St., nr. Franklin Ave., 4 four-story bk. & terra-cotta flats; \$50,000; o. Samuel Charig, 1053 Broadway; a. H. Vollweiler, 483 Hart St.

Kosciusko St., nr. Reid Ave., 2 four-story bk. & st. flats, 25' x 70'; \$18,000; o. Francis Lambert, 779 Lafayette Ave.; a. W. B. Wills, 17 Troutman St.

Pacific St. and Bedford Ave., 5 bk. & st. flats and stores; o. J. H. Doherty, 280 Flatbush Ave.; a. W. W. Coats, 240 Flatbush Ave.

Cambridge, Mass.—Dudley St., three-story bk. 15-flat-building, 50' x 123', flat roof, stoves; o. R. H. Grogan, St. Mary's St.; b. George P. Balentine, Brookline; a. Brewer & Co., Boston.

Chicago, Ill.—Wisconsin and Hammond Sts., three-story bk. & st. flats, 44' x 100', flat roof, steam; \$25,000; o. Mrs. L. Leimer; c. F. Henderson et als.; a. J. F. & J. P. Doerr.

N. Normal Park, Nos. 536-40, 2 three-story bk. flats, 36' x 84'; \$20,000; o. J. M. Young; b. A. Hood; a. M. Auligren & Co.

Cottage Grove Ave. and Fifty-first St., four-story st. stores & flats; \$100,000; o. Fred E. Evans, 3830 Elmwood Ct.; a. J. H. Zeltner.

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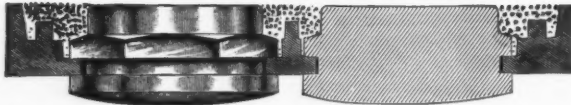
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(Apartment-Houses Continued.)

Wellington Ave., No. 1447, three-st'y & base. st. & bk. flats, 29' x 39', slate & gravel roof, steam; \$10,000; o., R. M. Jaffray, 324 Dearborn St.; a., Church & Johnson, 1233 Marquette Building.
Bosworth Ave., No. 850, three-st'y & base. st. flat, 27' x 92', comp. roof, steam; \$10,000; o., A. J. Alund, 852 Bosworth Ave.; a., Louis Ostling.
Douglas Boulevard, nr. Kedzie Ave., two-st'y & base. st. flat, comp. roof, 25' x 70', steam; \$6,000; o., Aug. Brejcha; a., Kallal & Molitor, 1200 Y. M. C. A. Building.
Cincinnati, O. — Ringgold St., Mt. Auburn, five-st'y st., bk. & iron flats, 200' x 200', comp. roof, steam; \$300,000; o., Hattie S. Sewell; a., John R. Scott, Pike Building.
Walnut St., Nos. 1105-07, four-st'y bk. stores & flats, 41' 6" x 100', asphalt roof, steam; \$12,000; o., Michael Damer; a., Jos. G. Steinkamp.
Detroit, Mich. — A. C. Varney & Co., four-st'y bk. apart., 84 E. Adams Ave.; \$16,000.
Hoboken, N. J. — First St., s. e. cor. Willow Ave., five-st'y bk. flats, 25' x 52' and extension; \$24,000; o., Theophilus Butts; a., Charles Keekie.
Fall River, Mass. — Everett St., four-st'y bk. flats, 50' x 60', comp. roof, steam; \$10,000; o., Frederick Hoy; b., S. F. Stewart.
Malden, Mass. — Tremont St., No. 103, three-st'y fr. flats, 54' x 72', flat roof, furnace; \$12,000; o., W. P. Sheldon, Main St.; b., S. P. Eastman.
Newark, N. J. — Springfield Ave., Nos. 384-96, 7 four-st'y bk. stores and flats, 69' x 155'; \$45,000; o. & b., Boda Voigt, Springfield Ave.
New Haven, Conn. — Olive and State Sts., four-st'y bk. building, 54' x 67' x 69', for 3 stores & 9 flats; \$25,000; o., L. Leeds; a., Chas. W. Henn; not let.
New York, N. Y. — One Hundred and Forty-ninth St., No. 503, five-st'y bk. flats, 25' x 82'; \$18,000; o., John J. Mahoney, premises; a., Arthur De Saldern, 115 Broadway.
Ninety-sixth St., nr. Amsterdam Ave., 4 five-st'y bk. flats, 25' x 96'; \$80,000; o., Morrissey & Co.; a., Lawrence & Ringrose, 150th St. & 3d Ave.
Ernscliffe Pl., bet. Cortlandt Ave. & St. George Pl., 2 five-st'y st. flats, 29' x 50' & 25' x 50' respectively; \$40,000; o., Mrs. Isabella Arendt; a., S. D. Cohen, 203 Broadway.
One Hundred and Seventeenth and One Hundred and Eighteenth Sts., bet. 5th & Lexington Aves., 4 five-st'y bk. & st. flats, 27' x 82' & 29' x 89'; o., A. P. Neilson, 7th Ave., nr. 42d St.; a., J. E. Stiles, Montclair, N. J.
One Hundred and Thirty-third St., nr. Amsterdam Ave., 2 five-st'y bk. & st. flats, 25' x 87'; \$36,000; o., Thos. J. McGuire, 1454 Amsterdam Ave.; a., Harry T. Howell, 748 E. 138th St.
One Hundred and Second St., w. Central Park, 3 five-st'y double flats, 27' x 85', and one single flat, 19' x 86'; \$100,000; o., John Rankin, 322 W. 51st St.; a., Neville & Bagge, 217 W. 125th St.
Seventh Ave., cor. 112th St., 4 five-st'y bk., st. & terra-cotta flats, various dimensions; \$150,000; o. & b., Picken & Lilly, 1441 Third Ave.; a., John Hauser.
One Hundred and Sixth St., bet. West End Ave. & Boulevard, seven-st'y bk. flats, 50' x 103'; \$50,000; o., Louis F. Weisman, 9 Bible House; a., J. A. Hamilton, 39 Broadway.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Ninetieth St., cor. 3d Ave., 6 five-st'y bk. & st. flats; \$180,000; o., J. J. Schreiner, 110 W. 121st St., and George Fennell; a., John Hauser.
Philadelphia, Pa. — S. Twelfth St., No. 201, four-st'y bk. office & flat-building; o., Geo. M. Wagner; b., Wm. R. Dougherty; a., McCollin & Fast.
Providence, R. I. — Bogman St., 3 three-st'y fr. flats, 38' x 57', comp. roof; \$4,500; o., Thos. Murphy; a. & b., Brady Bros.
Rogers Park, Ill. — Greenleaf Ave., Nos. 5502-2, three-st'y bk. & st. flats, 42' x 70', comp. roof, steam; \$12,000; o., D. D. Bathrick; a., H. G. Wright, 4817 N. Clark St., Chicago.
CHURCHES.
Cedar Falls, Ia. — One-st'y & base. fr. & bk. church, 61' x 100', shingle roof, hot air; \$20,000; o., First Baptist Church; associate a., O. W. Marble, Chicago & Frank C. Denmoney, Waterloo, Ia.; not let.
Crestline, O. — Bk. & st. church, 48' x 109', slate roof, furnace; \$10,000; o., E. U. Miller, Secretary Building Committee; a., Leech & Leech, Lima, O.
Fall River, Mass. — S. Main St., 1½-st'y st. & fr. church, 48' x 70', slate roof, hot air; \$8,000; o., St. Stephen's Mission Society, Rev. Herman Page, pastor; b., Beattie & Cornell.
Hackettstown, N. J. — One-st'y bk. cha. el, 60' x 70'; \$12,000; o., Methodist Episcopal Church; a., Oscar S. Teale, 35 Broadway, New York City.
Meriden, N. H. — 1½-st'y st. church, 48' x 80', slate roof, furnace; \$12,000; o., Congregational Society; b., Robert Culbert; a., H. M. Stephenson.
New Hampton, Ia. — Bk. & st. church, 58' x 115', with steeple, 125' high; seating capacity, 700; \$15,000; o., Roman Catholic Society, Rev. R. Slattery, pastor; a., Buechner & Jacobsen, St. Paul.
Port Richmond, S. I., N. Y. — One-st'y bk. chapel, 50' x 65'; \$10,000; o., Port Richmond Reformed Church; a., O. S. Teale, 35 Broadway, New York City.
Vicksburg, Miss. — One-st'y & base. bk. church, slate roof, steam; \$20,000; o., Crawford St. M. E. Church; a., W. A. Cann, St. Louis, Mo.; not let.
Winston, N. C. — 1½-st'y bk. & st. church, 80' x 90', slate roof, steam; \$12,000; o., First Baptist Congregation; a., Frank P. Milburn, Charlotte, N. C.; not let.
EDUCATIONAL.
Akron, O. — Two-st'y bk. & st. school, 75' x 75', slate roof; \$16,000; o., Board of Education; a., Chas. Henry & Son; not let.
Berlin, N. H. — Two-st'y, 6-room fr. school, 60' x 76', shingle roof, steam; \$8,500; o., Town of Berlin; a., W. P. Regan, Lawrence, Mass.; not let.
Independence, Kan. — Two-st'y & base. st. & bk. school, 96' x 120', steel shingle roof, steam; \$23,000; o., Board of Education; a., H. M. Hadley, Topeka; not let.
New York, N. Y. — Sixty-fourth St., s. e. 255' e 3d Ave., four-st'y & base. Indiana limestone and bk. trade school for boys; \$80,000; o., Baron de Hirsch Fund, 45 Broadway (Meyer S. Isaacs, 27 Pine St., president); a., Friedlander & Dillon, 21 West 22d St.

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BUILDING INTELLIGENCE.

(Educational Continued.)

Owatoma, Minn. — Two-st'y bk. & st. school, 54' x 71', shingle roof, steam; \$15,000; o., Board of Education; a., Orff & Guilbert, 17 Lumber Exchange, Minneapolis.
FACTORIES.
Chicago, Ill. — Belmont Ave., two-st'y bk. factory, 50' x 125' x 111,000; o., Charles H. Mears & Co.; b., H. D. Moreland; a., Huehl & Schmid, 56 La Salle St.
Detroit, Mich. — Detroit Brass Works, two-st'y bk. factory building, 1208-12 Seventh St.; \$8,000.
**Fitchburg, Mass. — Nochtge St., two-st'y fr. addition, 35' x 110', comp. roof, steam; \$8,000; o., Johnson Arms & Cycle Works.
Three-st'y bk. addition to factory, 50' x 70', comp. roof, steam; \$10,000; o., Grant Yarn Co.; b., John R. Hosmer.**
Providence, R. I. — Delaine St., three-st'y bk. & iron woolen mill, 60' x 180', comp. roof, steam; \$50,000; o., Guile & Waterhouse; b., George Leach, Butler Exchange Building.
HOSPITALS.
Brookline, Mass. — South St., two-st'y fr. hospital, 31' x 38', shingle roof, steam; \$10,000; o., Dr. H. R. Steadman, Boston; b., Rolfe & Duran; a., W. R. Emerson, Boston.
Rock Springs, Wyo. — Two-st'y st. hospital, flat roof, steam; \$13,000; o., State of Wyoming; c., Jas. R. Grimes; a., J. S. Matthews, Cheyenne.
HOTELS.
Bedford, Mass. — Five-st'y fr., 30 room hotel, 45' x 90', shingle roof, steam; \$20,000; o., Dr. W. Hayden, Bedford Springs; a., Harry P. Graves, Lowell; not let.
Milwaukee, Wis. — Jefferson St., No. 658, four-st'y bk. hotel, 44' x 90', flat roof, steam; \$20,000; o., Timothy Dall, on premises; a., Chas. Fitzgerald.
Minonk, Ill. — Two-st'y bk. hotel, 60' x 60', hot water; \$6,000; o., S. E. King, Ottawa, Ill.; a., Keen-son White.
New York, N. Y. — Morris Park Ave., cor. Unionport Road, three-st'y bk. hotel; \$15,000; o., Jacob Sommer, Morris Park Ave.; a., Samuel Sass, 25 Chambers St.
Petersburg, Ill. — Four-st'y bk. & st. hotel, 64' x 88', tin roof, steam; \$15,000; o., W. C. Smoot; c., A. S. White; a., S. A. Bullard, Springfield.
Potosky, Mich. — Five-st'y fr. hotel, flat roof, steam; \$100,000; o., B. T. Peck; a., Wm. Williamson, Grand Rapids; general contract let.
Pittsburgh, Pa. — Grant Boulevard, st., bk. & iron hotel; \$558,930; o., The Bellefield Company; c., Henry Shank; a., Kutam & Russell.
South Omaha, Neb. — M and Twenty-third Sts., five-st'y bk., st. & iron hotel, 96' x 115', comp. roof, steam; \$85,000; o., Hotel Metropole Co.; a., J. S. Blake, 537 Ramze Building; not let.
HOUSES.
Birmingham, Ala. — Two-st'y bk. dwell., comp. roof, hot air; \$10,000; o., W. A. Walker; a., D. A. Helmich; genl. c., Evans Bros.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Boston, Mass. — Boylston St., Nos. 6-8, Ward 22, 2 two-st'y fr. dwells., 32' x 41', pitch roofs, furnaces; \$11,000; o. & b., J. P. Campbell, 26 Boylston St., Jamaica Plain.

Geneca Ave., cor. Holmes Ave., Ward 20, two-st'y fr. dwell., 24' x 34', pitch roof, furnace; \$4,500; o. & b., Richard J. Riley, 37 Holiday St.

Geneca Ave., cor. Holiday St., Ward 20, two-st'y fr. dwell., 24' x 34', pitch roof, furnace; \$4,500; o. & b., Richard J. Riley

Moreland and Whiting Sts., Ward 21, 2 two-st'y fr. dwells., 25' x 42' & 24' x 45', pitch roofs, furnaces; \$9,000; o., Jos. C. Richards, 40 Lambert Ave.; a., Edw. C. Benson.

Sagamore St., nr. Romsey St., Ward 20, two-st'y fr. dwell., 26' x 42', pitch roof, furnace; \$4,200; o. & b., C. S. Stronach, Rosclair St., Dorchester.

Royal Road, nr. Hooker St., Ward 25, two-st'y fr. dwell., 25' x 36', pitch roof, furnace; \$4,500; o. & b., J. M. Walker, 31 State St.

Devon St., Ward 20, 2 two-st'y fr. dwells., 18' x 28' x 56', pitch roofs, furnaces; \$9,000; o. & b., A. C. Chisholm, 100 Devon St.

Blue Hill Ave., cor. Evelyn St., Ward 24, two-st'y

BUILDING INTELLIGENCE.

(Houses Continued.)

fr. dwell., 27' x 28' x 46', pitch roof, hot water; \$5,500; o. & b., Walter Curley, 35 Cranston St., Jamaica Plain.

Winthrop St., nr. Whiting St., Ward 21, two-st'y fr. dwell., 32' x 55', pitch roof, hot water; \$7,500; o., Frank Cruff & Calvin Lamont, 59 Warren St.; a., A. B. Pinkham.

Webster St., cor. Keith St., Ward 25, two-st'y fr. dwell., 23' x 56', pitch roof, hot water; \$6,000; o., Thomas Arthur; b., Wm. Keough, 238 Bennington St., East Boston.

Lonsdale St., nr. Adams St., Ward 20, two-st'y fr. dwell., 25' x 46', pitch roof, furnace; \$4,000; o. & b., P. E. Eaton, Kilton St.

Dale St., No. 113, Ward 21, two-st'y fr. dwell., 24' x 50', pitch roof, furnace; \$6,500; o., Thos. Clasby Estate; b., William Tobin, 32 Perkins St., Jamaica Plain.

Dale St., cor. Regent St., Ward 21, three-st'y fr. dwell., 31' x 18' x 53', flat roof, furnace; \$7,500; o., Thomas Clasby Estate; b., Wm. Tobin.

Devon St., No. 126, Ward 21, two-st'y fr. dwell., 28' x 48', pitch roof, furnace; \$4,500; o., J. P. O'Keefe, 28 Adams St., Roxbury; b., Wm. Tobin.

BUILDING INTELLIGENCE.

(Houses Continued.)

Maywood St., No. 29, Ward 21, two-st'y fr. dwell., 26' x 61', pitch roof, furnace; \$5,000; o., A. P. Richardson; b., Decker Bros.; a., C. A. Russell, 46 Warren St., Roxbury.

Brookline, Mass. — Kenwood St., 2 1/2-st'y fr. dwell., 39' x 38', shingle roof, steam; \$6,000; o., W. M. Bates, 29 Coolidge St.; b., Forbes & Tombs; a., Alonzo D. Wright, Boston.

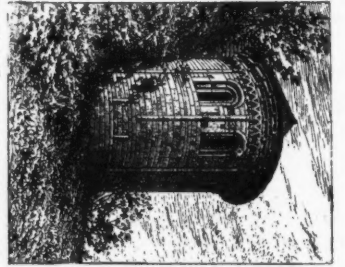
Naples Road, 2 1/2-st'y fr. dwell., 35' x 42', pitch roof, steam; \$7,000; 2 1/2-st'y fr. dwell., 33' x 35', pitch roof, steam; \$7,500; o. & b., D. H. McKay, 28 School St., Boston.

Aspinwall Ave., 2 1/2-st'y fr. dwell., 28' x 60', pitch roof, furnace; \$6,000; o., E. A. Bangs; b., G. M. Coan, Everett; a., Little & Brown, Boston.

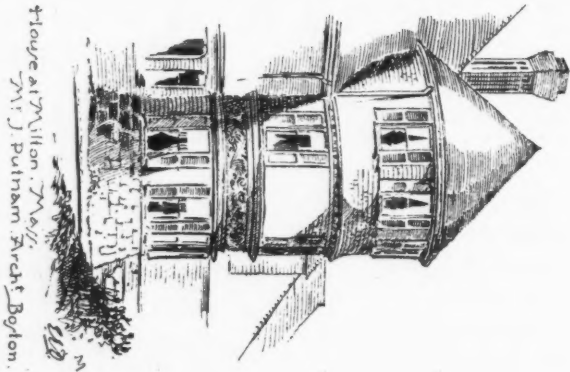
Centre St., 2 1/2-st'y fr. dwell., 40' x 43', slate roof, steam; \$15,000; o., Mary E. Eastman, Trustee; b., E. C. Eastman; a., L. C. Greenleaf, Tremont Building, Boston.

Stetson St., 3 two-st'y fr. dwells., 27' x 38', pitch roofs, furnaces; \$15,000; o., C. C. Mayberry, 28 School St., Boston.

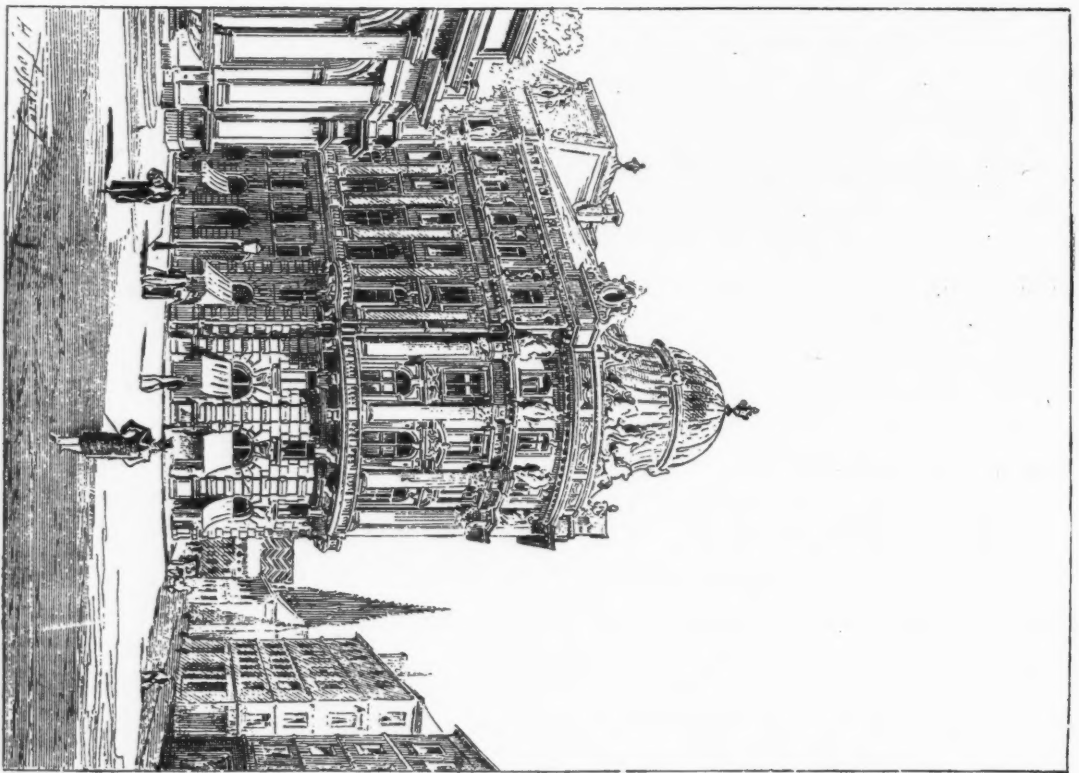
[Continued on page xvii.]



Apsé of S. Tomaso, near Alimeno, Italy.

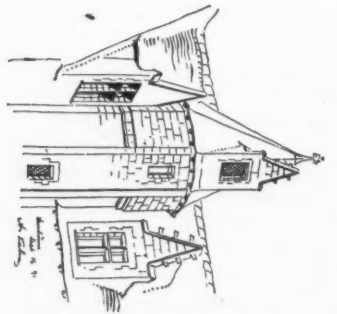


House at Milton, Mass.
By J. Putnam Archt. Boston.

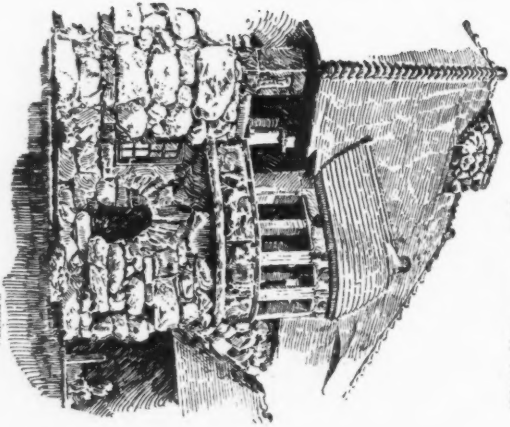


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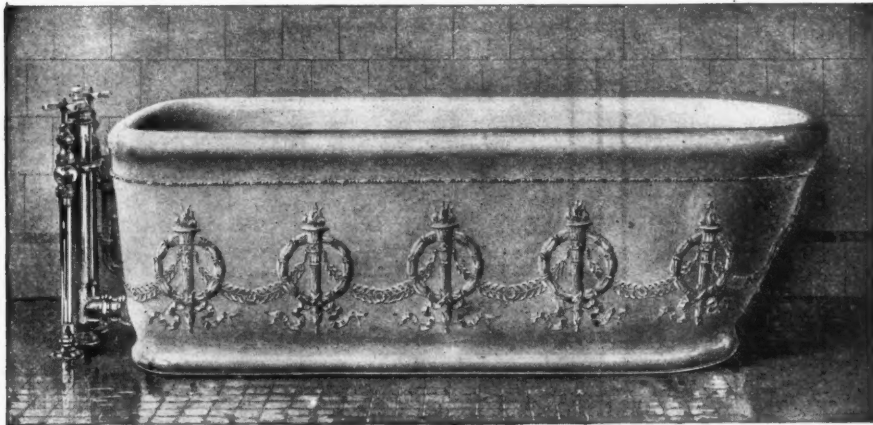
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Do.	do.	do.	do.	5 ft. 6 in. long.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Kinwood and Harvard Sts., three-st'y fr. dwell., 36' x 40', pitch roof, furnace; \$6,000; o., H. S. Coolidge, 488 Harvard St.; b., L. T. Lyon; a., Alonzo D. Wright, Boston.

Kinwood and Harvard Sts., two-st'y fr. dwell., 30' x 30'; \$5,000; o., H. S. Coolidge; b., L. T. Lyon.

Cambridge, Mass.—**Franklin St.**, No. 400, 2½-st'y fr. dwell., 26' x 40', shingle roof, furnace; \$5,000; o., A. R. Henderson, Allston St.; b., M. N. Stearns; a., W. A. Morris.

Chicago, Ill.—**Beacon St.**, nr. Sunnyside Ave., three-st'y st. & bk. dwell., 40' x 86', slate roof, hot water; \$25,000; o., F. L. Greenwald, 13 Madison St.; a., Julius H. Zeitner.

S. Albany Ave., No. 559, three-st'y bk. dwell., 22' x 83'; \$6,500; o., Joseph Weska; a., J. Dibelka.

W. Monroe St., No. 1536, two-st'y bk. dwell., 21' x 70'; \$5,000; o., Max Erman; b., Jans Jensen; a., E. C. La Belle.

Stewart Ave., Nos. 6121-23, 2 three-st'y bk. dwells., 19' x 76'; \$17,000; o. & b., James Penhallegon.

Indiana Ave., Nos. 4511-13, 2 three-st'y bk. dwells., 22' x 68'; \$18,000; o., J. C. Cockburn; b., Harper Bros.; a., L. M. Mitchell.

Humboldt Boulevard, Nos. 1593-95, two-st'y bk. dwell., 47' x 53'; \$8,000; o., Bertha C. Haack; b., John Haack; a., A. Woerner.

Sixtieth St., Nos. 1240-42, three-st'y bk. dwell., 30' x 56'; o., G. Olson; b., J. Anderson; a., A. G. Peterson.

Lexington Ave., three-st'y bk. dwell., 30' x 60'; \$8,000; o., J. L. Jackson; b., A. Mayer; a., Wechsberger & Hewitt.

Sixty-fourth St., No. 443, three-st'y bk. dwell., 23' x 70'; \$8,000; o., E. W. Maynard; b., Heinrichsen.

Lexington St., No. 2022, two-st'y bk. dwell., 23' x 71'; \$5,500; o., W. F. Brown; b., W. Suman.

Greenwood Ave., No. 4835, three-st'y bk. dwell., 42' x 53'; \$20,000; o., Franklin Ames; o., E. P. Strandberg & Bros.; a., Chas. S. Frost.

Drexel Boulevard, No. 4513, three-st'y bk. dwell., 44' x 72'; \$50,000; o., J. G. Shedd; b., R. & S. Sollitt; a., F. W. Perkins.

Ellis Ave., No. 4850, three-st'y bk. dwell., 50' x 80'; \$55,000; o., G. F. Swift; b., R. & S. Sollitt; a., Flanders & Zimmerman.

Detroit, Mich.—**Medbury Ave.**, e Woodward Ave., three-st'y bk. dwell., st. trimmings, 40' x 63'; \$12,000; o., Mrs. L. R. Medbury; a., Edward C. Van Leyen; not let.

Jacob Brand, bk. dwell., E. Boulevard; \$7,000.

Myers & Guton, 2 fr. veneered dwells., 1287 John R. St.; \$10,000.

H. W. Roper, fr. dwell., 98 Pingree Ave.; \$6,500.

Albert French, bk. dwell., 1084 Boulevard; \$10,000.

East Orange, N. J.—**Winthrop Pl.**, 2½-st'y fr. dwell., 33' x 40'; \$5,000; o., N. P. Mitchell; a., F. R. Hasselman, Decker Building, Orange.

Prospect Pl., 2½-st'y fr. dwell., 45' x 64'; \$15,000; o., Walter McKeck; a., W. G. Lawrence, 111 Fifth Ave., New York City.

Evanston, Ill.—**Ridge Ave.**, 2½-st'y fr. & st. dwell., 32' x 64', shingle roof, hot water; \$10,000; o., Judge Charles G. Neely, 333 County Building; a., H. B. Wheelock, Chicago.

BUILDING INTELLIGENCE.

(Houses Continued.)

Fall River, Mass.—**Warren St.**, 2½-st'y fr. dwell., 28' x 42', pitch roof, hot air; \$4,500; o., Lester Cornell; b., John Handfield.

Jersey City, N. J.—**Bentley Ave.**, 2½-st'y fr. dwell.; \$6,000; o., Mrs. Grace F. Varick; a., Dahlie & Howard, 1193 Broadway, New York City.

Malden, Mass.—**Grey Stone Road**, 2½-st'y fr. dwell.; \$5,500; o., Wm. H. McArthur; b., Geo. C. Ogden.

Melrose, Mass.—**W. Emerson St.**, 2½-st'y fr. dwell., 33' x 47', pitch roof; \$5,000; o., Mary F. Foster, W. Emerson St.; b., G. C. Ogden; a., J. F. Brown, Main St.

Fletcher St., 2½-st'y fr. dwell., 35' x 45', pitch roof; \$5,000; o., Mr. Bebe; a., Lewis A. Dow.

Mendota, Ill.—2½-st'y fr. & st. dwell., 36' x 70', shingle roof, steam; \$8,000; a., W. F. Pagels, 637 Unity Building, Chicago.

Milton, Mass.—**Smith Road**, 2½-st'y fr. dwell., slate roof, hot water; \$10,000; o., G. H. Whiting, Milton Ave. & Highland St., Hyde Park; a., W. Capen, 85 Water St., Boston.

Milwaukee, Wis.—**Eleventh Ave.**, bet. Walker & Mineral Sts., three-st'y fr. store & dwell., 53' x 56'; \$8,000; o., Joseph Dudenhofer; b., John Templin & Son.

Marietta Ave., two-st'y fr. & bk. dwell., 37' x 53'; \$7,500; o., Mrs. Fannie Toombs; b., J. Leenhouts; a., George Birchard.

Two-st'y fr. dwell., 35' x 45', shingle roof, hot water; \$5,000; o., Dr. Ralph Elmergreen; a., Brumming & Dick, Pabst Building.

Mt. Vernon, N. Y.—**Chester Hill**, 2½-st'y fr. dwell., 32' x 44'; \$6,000; o., Robert M. Van Name, S. 4th Ave.; a., Lawrence & Ringrose, 150th St. & 3d Ave., New York City.

Orange, N. J.—**Hilmyer and Washington Sts.**, 2½-st'y fr. dwell., 38' x 45'; \$5,000; o., Geo. H. Austin; a., Henry Firth, E. Orange.

Four 2½-st'y fr. dwells.; \$4,000 each; a., R. Bottelli, 766 Broad St., Newark.

Pittsburgh, Pa.—**Craig St.**, two-st'y bk. dwell., 28' 6" x 45', slate roof, hot air; \$4,800; o., F. J. Albarte; a., E. B. Milligan, Wilkinsburg.

Craig St., two-st'y & attic bk. dwell., 26' x 45', slate roof, hot air; \$5,000; o., J. H. Palmer; a., E. B. Milligan, Wilkinsburg.

Three-st'y bk. & st. dwell., 52' x 63', slate roof, steam; \$25,000; o., W. S. Kuhn, Pittsburgh; a., J. C. Westervelt, 487 Fifth Ave., New York City.

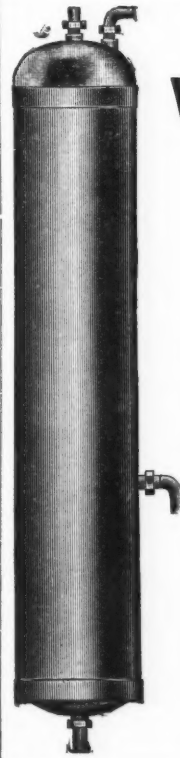
Providence, R. I.—**Angell St.**, 2½-st'y fr. dwell., 30' x 50', comp. roof; \$5,000; o., Walter A. Peck, 556 Atwells Ave.; a., Martin & Hall; b., W. E. Rowan.

Silver Spring St., two-st'y fr. double dwell., 28' x 48', shingle roof; \$4,500; o., Emma A. Handy, Johnston, R. I.; a. & b., Daniel Handy.

North St., 3 1½-st'y fr. cottages, 26' x 40', shingle roof; \$3,500 each; o., Emma A. Handy, Johnston, R. I.; a. & b., Daniel Handy.

Berkeley St., 2½-st'y fr. double dwell., 32' x 51', shingle roof; \$5,000; o., John McPhillips, 152 River Ave.; a. & b., James McGregor.

Oriole St., 2½-st'y fr. dwell., 30' x 50', shingle roof, hot air; \$5,000; o., Mrs. Ella S. Allen, 42 Adelphi Ave.; a., F. E. Field; day-work.



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(Houses Continued.)

Richmond Hill, L. I., N. Y.—2½-st'y fr. dwell., 36' x 42'; \$6,000; o., J. A. Disbrow; plans by Coöperative Building Plan Association, 203 Broadway, New York City.

Ridgewood, N. J.—2½-st'y fr. dwell.; \$8,000; o., H. H. Palmer; a., Rossiter & Wright, 14 Liberty St., New York City.

Somerville, Mass.—**Walnut St.**, 2½-st'y fr. dwell., 32' x 53', shingle roof, steam; \$5,000; o. & b., S. Blaikie, Walnut St.; a., E. E. Jordan, Boston.

(Continued on page xix.)

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	WILLIS, H. J., Winona, Minn.		WILLIAMS & CO., Nashua, N. H.

PROPOSALS.	PROPOSALS.	PROPOSALS.
JAIL. [At Magnolia, Miss.] Proposals will be received until December 6 for remodeling the Pike County Jail. W. C. VAUGHT, Clerk. 1142	Treasury Department, Office Supervising Architect Washington, D. C., October 22, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of November, 1897, and opened immediately thereafter, for all the labor and materials required for the boiler plant, steam-heating and ventilating apparatus, water-supply, filtering and fire protection system, basement floor, etc., for the United States Appraisers' Warehouse, New York, N. Y., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent of said building at New York City. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Boiler Plant, Heating, Water-supply, etc., for the United States Appraisers' Warehouse, N. Y.," and addressed to the Supervising Architect. 1141
SCHOOL-HOUSE. [At Malden, Mass.] It is reported that bids are wanted November 17 for the erection of a school-building, cost about \$40,000. WM. H. HAWLEY, Clerk of the Committee. 1142		SCHOOL-HOUSE. [At Toledo, O.] Bids are wanted November 6 for constructing a six-room addition to the Franklin School on Elm St. WM. COGLIN, Clerk Board of Education. 1140

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BUILDING INTELLIGENCE.

(Houses Continued.)

Springfield, Mass. — Wilbraham Road and Northampton Ave., 2½-st'y fr. dwell., 38' x 62', shingle roof, steam heat; \$10,000; o., Mrs. M. C. Thompson, Philadelphia, Pa.; b., E. M. Dodge; a., Bayley & Goodrich, Hartford, Conn.

Whitingsville, Mass. — Two-st'y fr. two-family dwell.; \$8,000; o., W. W. Prentice; b., J. V. Prentice; a., Barker & Nourse, Worcester.

Worcester, Mass. — Providence St., three-st'y fr. dwell., 27' x 61'; \$5,000; o., N. H. Clark; a., A. J. Harrington; c., J. A. Courmanche.

Maywood St., three-st'y fr. dwell., 31' x 67'; \$5,000; o. & c., T. H. Hall.

Wachusett St., two-st'y fr. dwell., 23' x 57'; \$5,000; o., L. B. Edwards; c., E. J. Cross.

LIBRARIES.

Menasha, Wis. — Two-st'y bk. & st. library building, 40' x 70', tile roof, hot air; \$15,000; o., Town; a., Henry J. Van Ryn, Milwaukee.

MERCANTILE BUILDINGS.

Fall River, Mass. — Pleasant St., four-st'y bk. business-block, 50' x 100', comp. roof, steam; \$20,000; o., Edward Barker; b., J. O. Wagner & Co.; a., Jos. M. Darling.

Leominster, Mass. — Central St., two-st'y bk. block, 60' x 80', comp. roof, steam; \$8,000; o., F. A. Clapp; day-work.

St. Louis, Mo. — Ninth and Pine Sts., six-st'y bk., st. & granite business-building, 51' x 116', comp. roof, steam; \$50,000; o., Conde L. Benoist; c., James D. McKee; a., M. P. McArdle, Security Building.

PUBLIC BUILDINGS.

East St. Louis, Ill. — Three-st'y bk. & granite City-hall, 69' x 132', slate & comp. roof, steam; \$75,000; o., City; a., E. C. Janssen, 506 Olive St., St. Louis, Mo.; not let.

Kirksville, Mo. — Two-st'y bk. & st. Court-house, 80' x 112', slate roof, steam; \$45,000; o., Adair County; a., R. G. Kirsch & Co., Milwaukee.

STABLES.

Beverly, Mass. — Off Hall St., two-st'y st. & fr. stable, 47' x 72', shingle roof, 11 stalls; \$10,000; o., Gordon Dexter, Jr.; b., J. T. Wilson, Nahant; a., Andrews, Jacques & Rantoul, Boston.

Boston, Mass. — Summer St., nr. Warren St., Ward 25, 1½-st'y fr. stable, 25' x 36', pitch roof; \$800; o., John Kingston, on premises; b., Jas. Anders; n.

Bremen St., No. 310, Ward 1, two-st'y fr. stable, 16' x 30', flat roof; \$800; o. & b., L. A. Ginsburg, 8 Henry St., East Boston.

Magazine St., No. 69, Ward 17, 1½-st'y fr. stable, 20' x 30', pitch roof; \$1,200; o., C. Highland, 66 Magazine St.; b., John B. McDonough.

Cambridge, Mass. — Rindge Ave., No. 205, 1½-st'y fr. stable, 20' x 20', 4 stalls; \$500; o., H. J. Sullivan, Rindge Ave.; b., Joseph Foley.

Charles St., two-st'y fr. extension to stable, 30' x 110', for 40 stalls; \$1,000; o. & b., J. T. Scully, 973 Massachusetts Ave.; a., J. H. Keenan.

Detroit, Mich. — Duboise Ave. and Jefferson St., two-st'y st. stable, 36' x 70'; \$4,500; o., Charles A. Duchaine; a., Mason & Rice; not let.

WAREHOUSES.

Boston, Mass. — India St., cor. Sears St., Ward 6, six-st'y bk. warehouse, 113' x 392', flat roof, steam; \$125,000; o., Charles A. Dean, 44 Federal St.; b., George A. Fuller & Co.; a., Hartwell, Richardson & Driver.

MISCELLANEOUS.

Boston, Mass. — Centre St., cor. Bellevue St., Ward 23, two-st'y bk. fire-engine house, 40' x 86', pitch roof, steam; \$20,000; o., City; b., S. K. Marston; a., John A. Fox.

Washington St., Grove Hall, three-st'y bk. & st. fire-engine house; \$21,417; o., City; b., L. K. Marston; a., Perkins & Betton, 13 School St.

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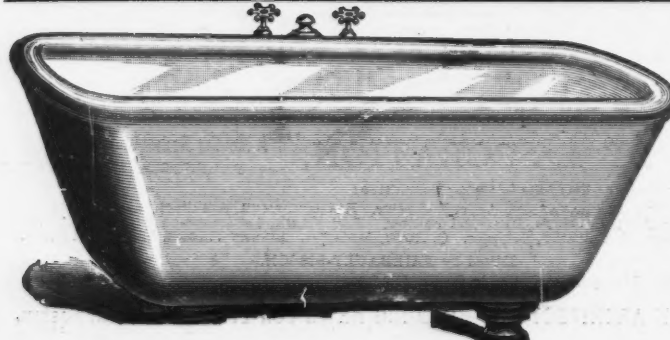
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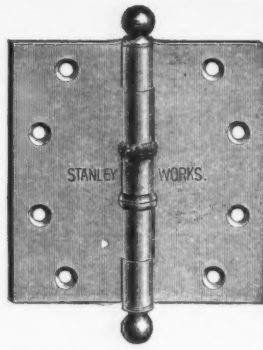
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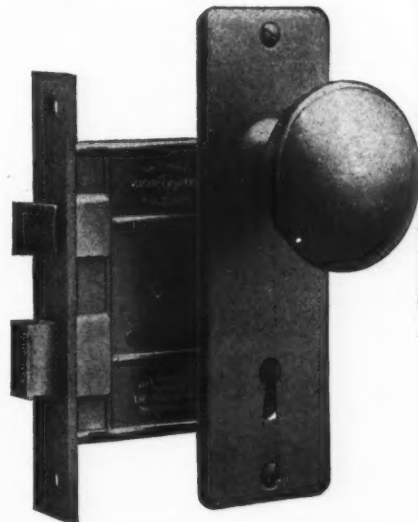
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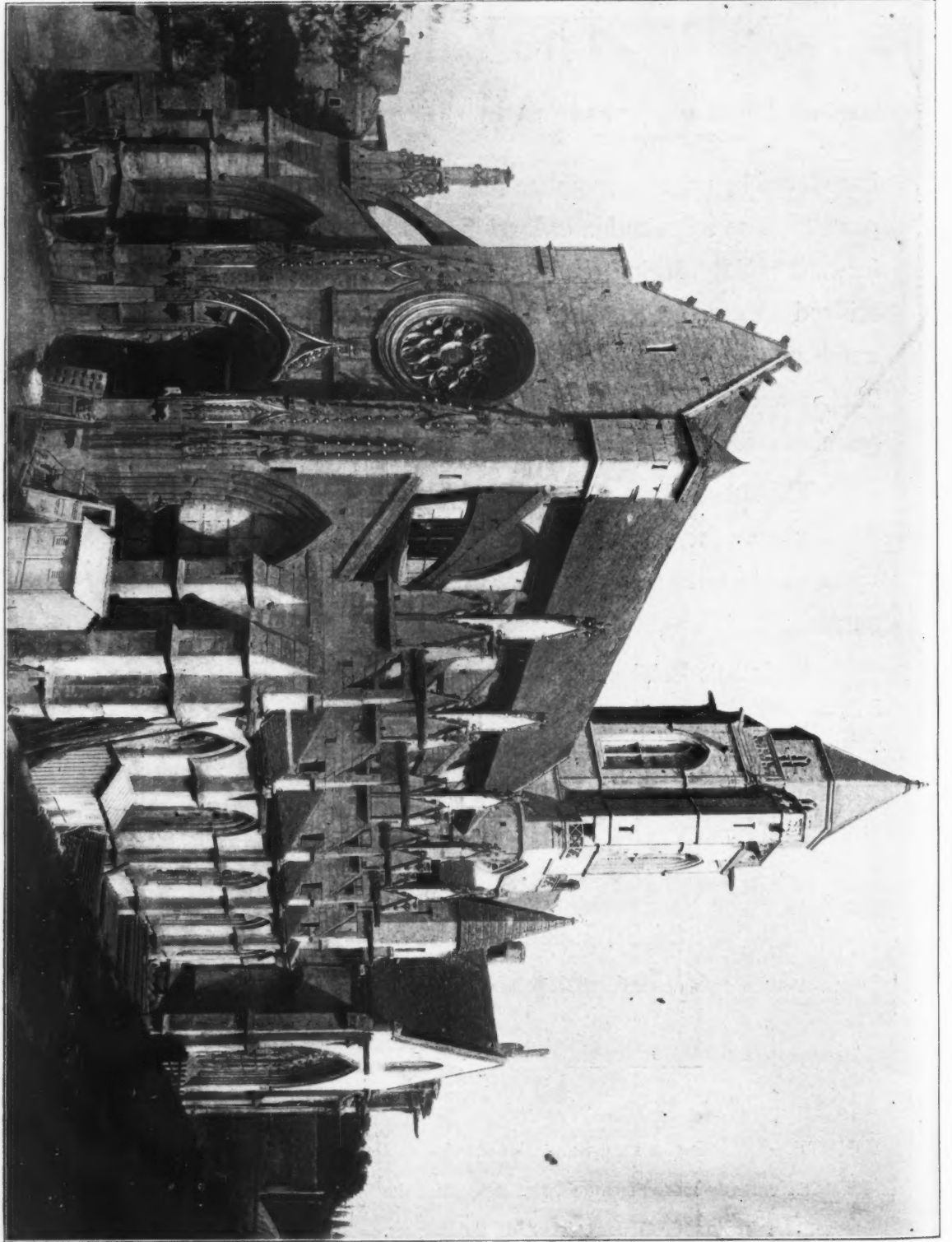
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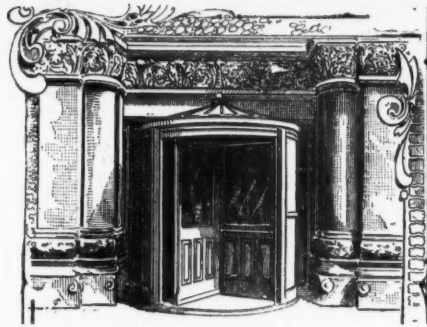
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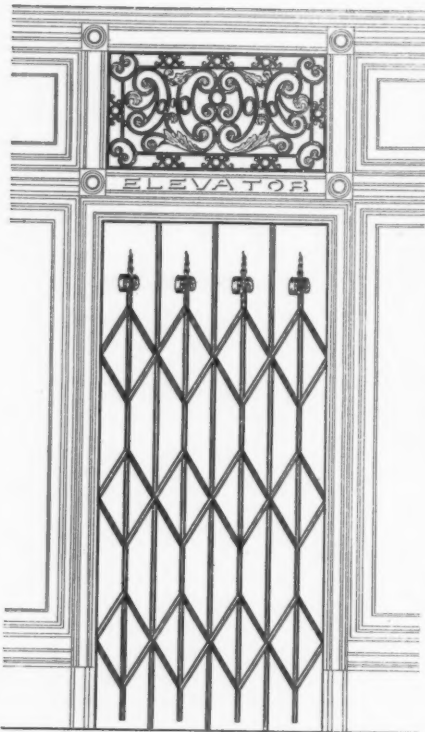
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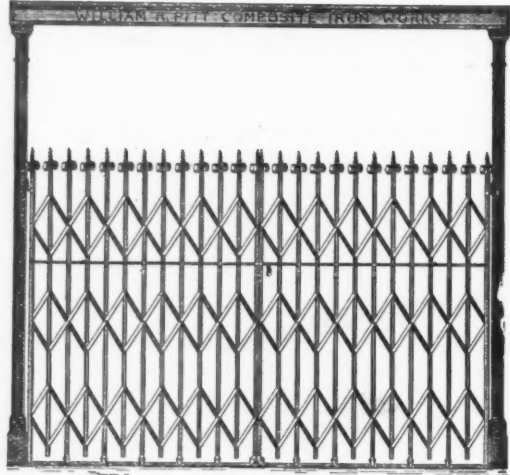
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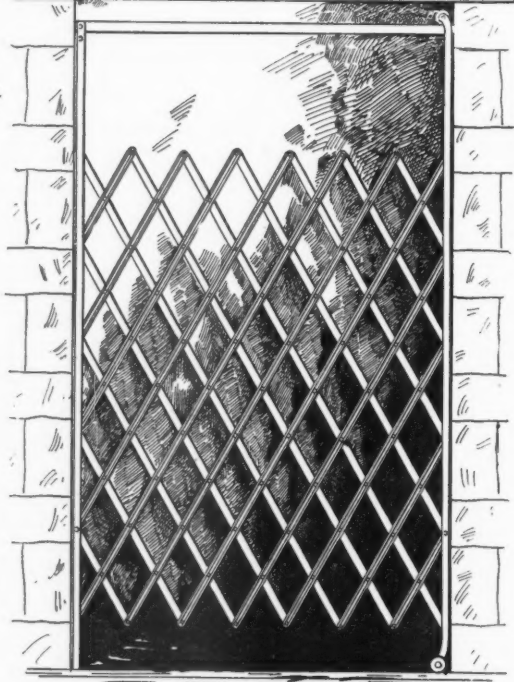


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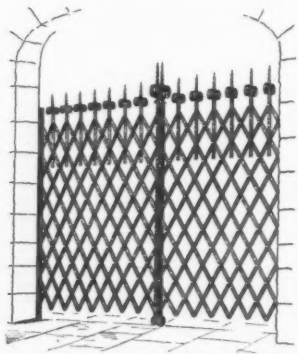


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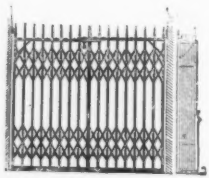
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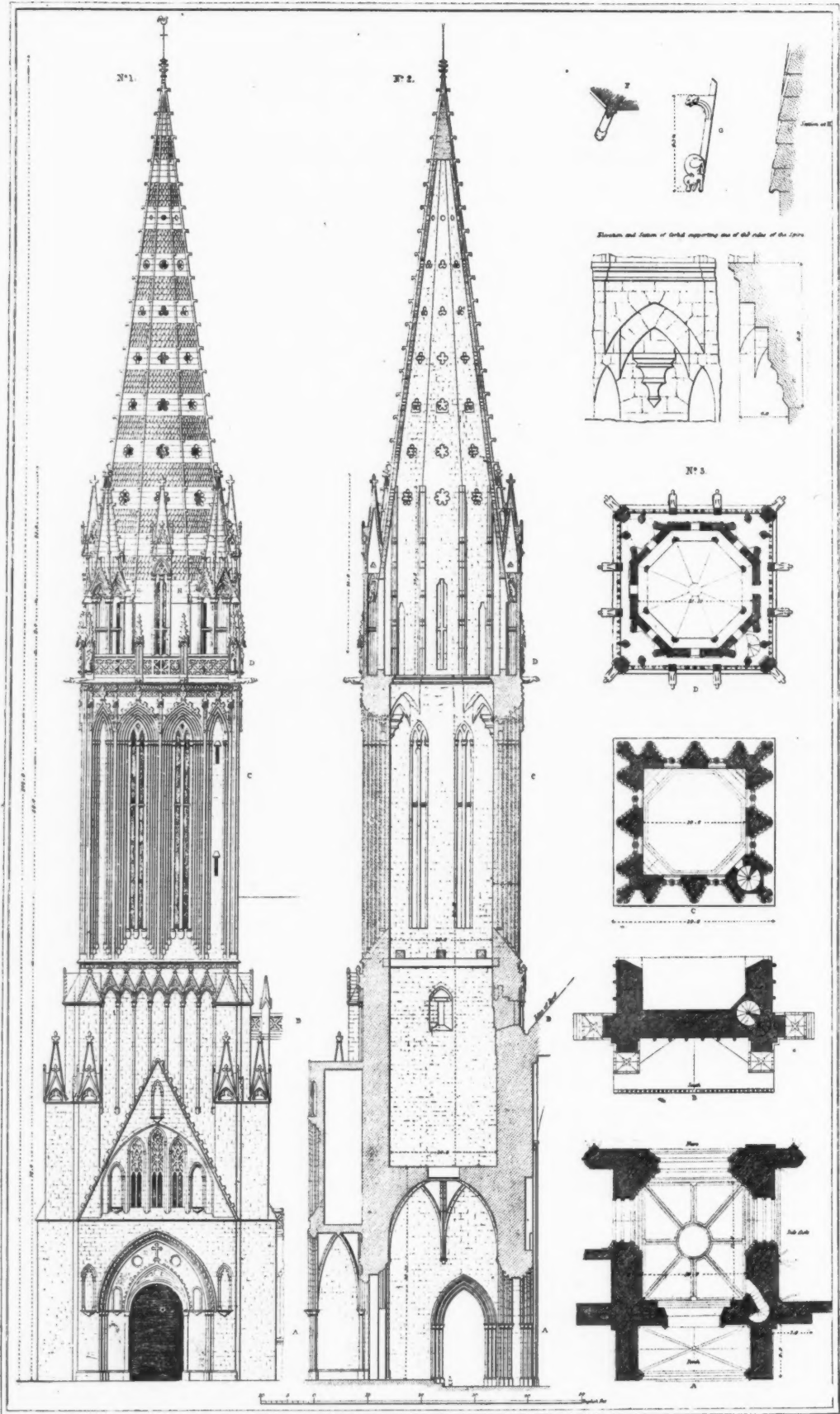
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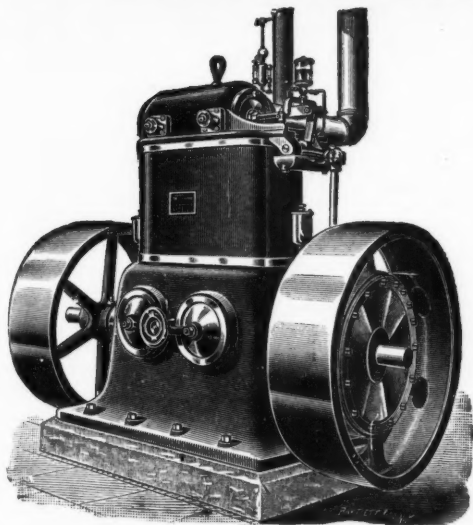
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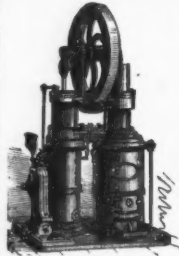
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BUILDING INTELLIGENCE.

(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.

Allegheny, Pa. — Harry Darlington will build a

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(Advance Rumors Continued.)

\$5,000 brick addition to his stable on Western Ave. **Anaconda, Mont.** — Plans by Smith & Black, architects, were adopted for rebuilding Lincoln School. Bids will be taken at once. Cost \$25,000.

Ann Arbor, Mich. — Press reports state that two new elevators will be installed in one of the buildings at the University of Michigan.

Ashbourne, Pa. — A. S. Cochrane, Philadelphia, has made plans for a residence to be erected here.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The building will cost about \$7,000. No contracts let.

Beaver, Pa. — It is stated that the Pennsylvania Company contemplate erecting a new station at this place.

Bethel, Conn. — The large factory of the Bethel Hat Forming Company, which was recently damaged by fire to the extent of \$30,000 will, probably be rebuilt.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Boston, Mass.—The Railroad Commissioners have approved and signed the plans as altered, for the new Back Bay Station which the New York, New Haven & Hartford R. R. are to build. Shepley, Rutan & Coolidge are the architects, and it is proposed to enter on the construction without delay.

Buffalo, N. Y.—South Park will soon have a new conservatory. The plans were prepared some time ago by Architect H. L. Campbell. The plans have been approved by the commissioners. The building will have all the conveniences of a modern botanical garden. It is estimated to cost \$100,000.

McElfatrik & Sons, of New York City, have prepared plans for a new Music-hall Building to cost about \$100,000, for the parties interested. August Eesenwien is the resident architect.

W. J. Marshall will build on Richmond Ave. Plans have been drawn by Architects Phillips & Graves. The building is to be two stories high, frame and 4 1/2 x 7 3/4 in dimensions, the estimated cost is \$8,500.

Architects E. F. Brink & Sons have prepared plans for a four-story brick store and flat building to be erected at Genesee and Jefferson Sts., it will cost \$14,000.

Chattanooga, Tenn.—J. D. Hunt secured the contract for the erection of a \$36,000 business building. It will cover 110' x 200', and be four stories high.

Chicago, Ill.—Harry E. Stevens, 1501, 59 Clark St., is preparing plans for an apartment-building to be erected on Fulton St., nr. Garfield Park, 80' x 40', three-st'y and basement, of pressed brick with stone trimmings, cost about \$25,000.

Pridmore & Stanhope, 1418 Champlain Building, have prepared plans for a four-story and basement apartment-house, 50' x 65', to be built by Herbert & Ripley, 5746 Calumet Ave., to be constructed of brick and cost about \$25,000.

It is reported that Jenny & Mundie, 1120, 205 La Salle St., are preparing plans for a residence, to be erected by Lawrence Heyworth on Michigan Ave., north of Twenty-sixth St. It will be three stories high, constructed of Bedford stone, and will cost about \$28,000.

Wilson & Marshall, 908, 218 La Salle St., are at work on plans for two houses, to be built on Grand Boulevard, near 48th St. They are to be three

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

stories high, constructed of stone, and cost about \$25,000 each.

H. L. Ottenheimer, 1201 Fort Dearborn Building, has plans for a four-story apartment-building, to be built on Indiana Ave. and 46th St., by A. A. Smith, at a cost of about \$30,000.

Wm. Arthur Bennett, 128, 115 Dearborn St., is preparing plans for a \$12,000 church, to be erected for the Humboldt Park Christian Church, near that park. It will be of frame construction on stone base, and will cover a ground-area of 80' x 50'.

He is also preparing plans for a new church, to be built in the vicinity of Douglas Park, for the Douglas Park Christian Church. The structure will cost \$20,000 and will be constructed of stone and pressed brick.

Between \$30,000 and \$40,000 is to be immediately expended in altering the City-hall. The architect is now drafting the plans.

Columbus, O.—The Architectural Department of the State University report in favor of a gymnasium. Plans have been prepared for a gymnasium and armory to cost not exceeding \$85,000.

Des Moines, Ia.—Local papers state that plans have been completed for a new Union Depot to be erected here. F. M. Hubbell and Mr. Ramsey, general managers of the Wabash, are said to be interested.

O. O. Smith has drawn plans for the new hall for the Turner Society. To be a two-st'y brick structure, 65' x 130', iron columns and beams, steam heat, and cost \$10,000. To be built on 8th St., near Mulberry St.

Fort Wayne, Ind.—Grindle & Weatherhogg are preparing plans for a \$5,000 residence to be erected for Theodore Thieme at Berry and Rockhill Sts.; also for a \$4,500 residence for Fred S. Hunting on Washington Boulevard; also for a \$5,000 residence for Mrs. Nill on Harrison St., near Wayne St.

Georgetown, Del.—It is proposed to build a jail to cost \$25,000.

Hammond, Ind.—Plans for a store, office and hotel building, three-story brick and stone, 50' x 138', and to cost \$25,000, are being made by J. M. Schroeder, 6142 Langley Ave., Chicago, Ill. Owner, L. L. Schmal, Wells and Division Sts., Chicago, Ill.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Harrisburg, Pa.—The plans of Henry Ives Cobb, Chicago, Ill., have been accepted by the Building Commissioners for the erection of the new State Capitol at Harrisburg, Pa. The award stood between this architect and Harding & Gooch, of New York, and Furness, Evans & Co., of Philadelphia. It is expected that bids will be called December 1.

Los Angeles, Cal.—It is stated that the Trustees of the Whittier Reform School contemplate erecting new buildings, to cost about \$100,000.

Louisville, Ky.—Mr. C. C. Mengel, of the firm of C. C. Mengel, Jr. & Brother Company, will erect an \$18,000 three-st'y brick residence. Plans are being prepared by J. B. Hutchings, architect.

Manassas, Va.—The Manassas Industrial School with business headquarters at 609 F St., Washington, D. C., is to be enlarged by the addition of another building. The plans, which were prepared by Architect N. T. Haller, of Washington, provide for a frame and stone structure, 60' x 60', with tin roof. It will be furnished with wood and metal working machinery and will have furnace heat.

Merrill, Wis.—Philip Dean, of Appleton, has made plans for the new \$10,000 parochial school to be built for Rev. E. F. Vanhooften's congregation. Brick and stone structure, 60' x 90', stained-shingle roof and furnace heat; contract not let.

Milwaukee, Wis.—Ferry & Clas have prepared plans and specifications for the metal book-stacks, the book-lift and the electric-elevator for the new Public Library Building. The Board of Public Works expects to be able to call for bids for these furnishings shortly.

The Board of Public Works on October 25 appropriated \$25,000 for the erection of an eight room addition to the 15th district school, and of another \$25,000 for an addition to the 20th primary school No. 1.

Newark, N. J.—Gustav Stachlin, Newark, will be the architect for the addition to the public school on Bruce St., for which \$25,000 was appropriated.

New York, N. Y.—The models submitted by Stephen W. Dodge, 41 Wall St., and Brite & Bacon, 111 Fifth Ave. (associated), have been selected by the Soldiers' and Sailors' Memorial Committee for the \$250,000

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.) monument to be erected at 59th-St. entrance to Central Park.

The Astor Estate, 21 W. 26th St., will make extensive interior and exterior alterations to the store and loft building, 552-556 Broadway, to cost about \$50,000. Architects Lord, Hewlett & Hull are preparing plans.

Passaic, N. J. - The Washington Club of Passaic, N. J., Gen. Bird W. Spencer, president; William Malcolm, secretary; John J. Slater, treasurer; and Col. W. B. Beck, chairman of the committee on plans, have had new plans prepared for the erection of the club-house on Prospect St. near Passaic Ave. The new building will be three stories, built of brick, stone and terra-cotta, to have an auditorium which will seat about 1,800 people, library, dining-room, apartments and other conveniences, to cost about \$40,000.

Philadelphia, Pa. - P. F. Elkington is now working on preliminary plans for a new theatre to be located on the east side of Lancaster Ave., below 40th St. The building is to be erected by a stock company now forming. The seating capacity is to be 1,200. Plans will be ready in about two weeks.

Pittsburgh, Pa. - The Consolidated Traction Company have been granted permits for buildings, the whole cost of which aggregates \$182,663. There are four buildings, all of brick and steel construction. One is a storage-barn at the corner of Franktown St. and Homewood Ave., to cover 135' x 347', and will cost \$74,059. Another one, a two-sty' building, at the corner of Bunker Hill and St. Clair Sts., to cost \$3,659; two car-shops, on Franktown Ave. and Sterrett St., will cost \$49,558, and a storage and operating barn on Franktown Ave. and Collier St., to cost \$28,392. Booth & Flinn, Limited, are the contractors.

Ransom Co., N. B. - A new \$20,000 Court-house and Jail is contemplated.

Ripon, Wis. - A Science Hall, to cost \$30,000, will be added to the buildings of Ripon College.

Roslyn, L. I., N. Y. - The contract for erecting the new school at this place is stated to have been awarded to Geo. Wigel, of Mineola, at \$12,608.

Seattle, Wash. - John Noyes, of Butte, Mont., will erect an addition to the Rainier Grand Hotel, to cost \$100,000.

Spokane, Wash. - Plans will shortly be prepared for a new 16-room school building to be constructed here.

Springfield, Mass. - Architect William McCrea has drawn plans and specifications for a handsome business block for the McIntosh Company, to be erected on Worthington St. Work will be begun immediately. The contract has been let to D. W. Mellen of this city for \$18,900.

The City Property Committee will call for competitive plans from local architects in about a week for a sixteen-room brick grammar school building, to be built in the Forest Park section. The building will cost over \$50,000.

St. Louis, Mo. - Hule Bros., of Chicago, have secured a lease of 45' x 60' on Franklin Ave., between 7th and 8th Sts., where they will erect a building to cost about \$20,000.

A press report states that Enrique Sardanenta, Mexican Consul in St. Louis, has called for plans to be submitted November 30 for the construction of a building in the City of Mexico for the Chamber of Deputies.

Summit, N. J. - Dr. W. W. Lawrence will erect a store and flat house to cost about \$15,000. It will be three stories high, of brick and stone, with tin roof, open plumbing, and all other modern conveniences.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.) Swarthmore, Pa. - Plans have been prepared by Dull & Peterson, 1110 Walnut St., Philadelphia, for a residence to be erected here. It is to be two-and-one-half stories and basement, brick with stone front and will cost about \$20,000.

Torrington, Conn. - The Consolidated Railway Co. has decided to erect a new depot at this place, according to report.

Washington, D. C. - Geo. P. Newton will erect 4 two-sty' brick and stone dwellings, 17' x 65', to cost \$20,000, on Massachusetts Ave., between 1st and 2d Sts., architect, N. T. Haller, 1216 F St., N. W. Plans are being prepared by Architect Glenn Brown for a parish house for St. Michael's and All Angels' Episcopal Church at 22d St. and Virginia Ave., northwest. It will be two stories and cellar, 55' x 30', with front of red brick and brownstone and will have all modern appointments.

Wheeling, W. Va. - Contract for the construction of the building for the Girls' Industrial School at Salem, was awarded to Wood Bros. Company. The building, when completed, will cost in the neighborhood of \$18,000.

Woodside, L. I., N. Y. - The proposition to appropriate \$25,000 to enlarge the public school of Woodside was carried at the meeting October 22.

Worcester, Mass. - City Council members are considering the idea of a four-room brick addition to Greendale school-house. It is stated that a new school will be erected on Canterbury St. on plans prepared by Architects Fuller, Delano & Frost, to cost about \$26,000.

ALTERATIONS AND ADDITIONS. Edgartown, Mass. - Four-sty' addition to hotel, wood, 39' x 54', shingle roof, fireplace & hot-water heating; \$9,000; o., F. A. Douglass, Winthrop; a., C. H. McClure, 649 Massachusetts Ave., Cambridgeport; not let; apply to owner.

New York, N. Y. - W. Seventy-second St., Nos. 2-4 and W. Seventy-first St., Nos. 1-3, raised two stories; \$40,000; o., Jacob Rothschild; a., Harding & Gooch. W. Fifty-seventh St., No. 9, extension to office-building in rear; \$50,000; o., Adolph Lewison; a., Brunner & Tryon, 36 Union Sq.

Woburn, Mass. - Plans have been prepared for a new porch, stairways & approaches to the Catholic Church; estimated cost \$15,000; a., Wm. H. McGinty, Boston.

APARTMENT-HOUSES. Brookline, Mass. - Harvard Ave., four-sty' bk. 16 flats building, flat roof, steam; \$60,000; o., Geo. A. Moore, 949 Tremont Building, Boston; b., J. E. Mc-Athern, Lynn; a., J. F. & G. H. Smith, Boston.

Chicago, Ill. - Ninetieth St. and Commercial Ave., three-sty' bk. & st. stores & flats, 55' x 138', flat roof, steam; \$25,000; o., J. J. Stedman, So. Chicago; a., Fisher & Floto, 9206 Commercial Ave. S. Ashland Ave., three-sty' bk. & st. store & flat, 24' x 80'; \$12,000; o., N. J. Jacobs; a., J. A. Butts, 570 S. Paulina St.

Kimbark Ave., No. 6233, three-sty' bk. flat, 24' x 70'; \$11,000; o., Anna F. & Anna S. Parker; b., W. H. Bell.

Grand Rapids, Mich. - Three-sty' bk. flats, slate roof, furnace; \$11,000; o., H. O. Rare, Petowski, Mich.; a., Sidney J. Osgood; b., The Chas. Rowson Mfg. Co.

Jersey City, N. J. - Wayne St., n w cor. Varlek St., four-sty' bk. apartment & store; \$12,000; o., Michael Hennessy; a., H. Kreitzer & Chas. E. Hubbard, 62 Broad St., New York City.

New York, N. Y. - Morris Ave., cor. 150th St., four-sty' bk. flat, 25' 6" x 65' 6"; \$12,000; o., Wm. P. Kirk, 310 E. 14th St.; a., W. C. Dickerson.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.) One Hundred and Sixty-second St., nr. Elton Ave., 2 four-story bk. flats; \$32,000; o., John Allen, 489 E. 130th St.; a., Lawrence & Ringrose, 150th St. & 3d Ave.

One Hundred and Sixty-second St., nr. Elton Ave., 2 four-sty' bk. flats; \$32,000; o., Chas. C. Mulholland, 547 W. 159th St.; a., Lawrence & Ringrose.

One Hundred and Thirty-fourth St., nr. Willis Ave., 3 five-sty' bk. flats, 25' x 75'; \$60,000; o., Wm. Seitz, Jr., 310 E. 32d St.

Hamilton St., No. 12, six-sty' bk., st. & terra-cotta store & flat building, 25' x 90'; \$20,000; o., Louis Perelstein & M. Bernau, 49 Monroe St.; a., Horenburger & Straub, 122 Bowery.

Eighty-sixth St., nr. Madison Ave., 2 five-sty' bk. & st. flats, 25' 6" x 88'; \$56,000; o., George Schreiner, 104 W. 121st St.; a., John Hauser, 1441 Third Ave.

One Hundred and Fifty-eighth St., nr. Boulevard, 5 five-sty' bk. & st. double flats, on lot 125' x 100'; \$150,000; o., Eugene T. Faunce, 94 W. 104th St.; a., C. Steinmetz, 64 Liberty St.

Morris Ave., nr. 140th St., 2 five-sty' bk. & st. flats, 27' x 80'; \$40,000; o., Schmuck & Montag, 833 Southern Boulevard; a., Edward Wenz.

Ninetieth St., nr. Columbus Ave., 5 five-sty' bk. & st. double flats, 27' x 84'; \$115,000; o., B. Henry Lang, 850 Eighth Ave.; a., George F. Pelham.

One Hundred and Thirtieth St., w Fifth Ave., 2 five-sty' bk. flats, 25' x 86'; total cost \$40,000; o., Paul J. Exner, 1551 Avenue A; a., Edward Wenz.

One Hundred and Forty-fourth St., nr. Willis Ave., 2 five-sty' bk. flats, 25' x 70'; total cost \$42,000; o., Eileen Murphy, 709 E. 140th St.; a., A. Rothemel.

Morris Park and One Hundred and Sixty-second St., four-sty' bk. flat, 25' x 95'; \$20,000; o., Herman C. Wunn, 512 E. 126th St.; a., W. C. Dickerson.

Providence, R. I. - N. Main St., three-sty' bk. stores & flats, 60' x 70', comp. roof, foundation in, gas-lighting; \$12,000; o., Chas. Cohen, 12 Jencks St.; a. & b., J. K. Harris.

Summit, N. J. - Three-sty' bk. & st. stores & flat, 31' x 67'; \$10,000; o., Dr. W. H. Lawrence.

CHURCHES. Philadelphia, Pa. - Fifty-second St. and Baltimore Ave., two-sty' st. church, 75' x 85', seating capacity 1,000, steam heat; estimated cost \$12,000; o., Baltimore Ave. Baptist Society; o., Phillip Ann.

EDUCATIONAL. Woburn, Mass. - Main and Summer Sts., four-sty' bk. Parochial School, 40' x 40', slate roof, steam heating; \$16,000; o., St. Charles' Church, Rev. Fr. Keegan; a., W. H. McGinty, Boston.

HOUSES. Allenhurst, N. J. - Two 2-sty' fr. dwells.; \$30,000; o., Coast Land & Improvement Co.; a., Rossier & Wright, 94 Liberty St., New York City.

Arlington, Mass. - Gray St., 2-sty' fr. dwell., 42' x 35', shingle roof, cellar in, hot water; \$5,500; o., Bertha W. Munch, Appleton St., Somerville; a., J. St. Clair Harrold, 1 Beacon St., Boston; b., J. M. Andrews & Son, Somerville.

Brookline, Mass. - Williston Road, 2-sty' fr. dwell., 42' x 43', shingle roof, hot water; \$7,500; o., Geo. W. Gale, Charlesgate, Boston; a., J. St. Clair Harrold, 1 Beacon St., Boston; not let.

Bowker and Pozzeth Sts., 2-sty' fr. dwell., 35' x 49', shingle roof, furnace; \$6,000; o., Morrill Bros.; a. & b., L. I. Leighton, 312 Washington St. Dean and Druce Roads, three-sty' fr. dwell., 47' x 36', shingle roof, steam; \$10,000; o., W. H. White, 5 Fairbanks St.; a., G. Wilton Lewis, 6 Beacon St., Boston; b., L. M. Merrill.

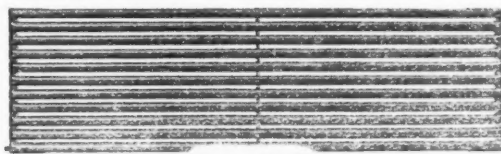
(Continued on page xvii.)



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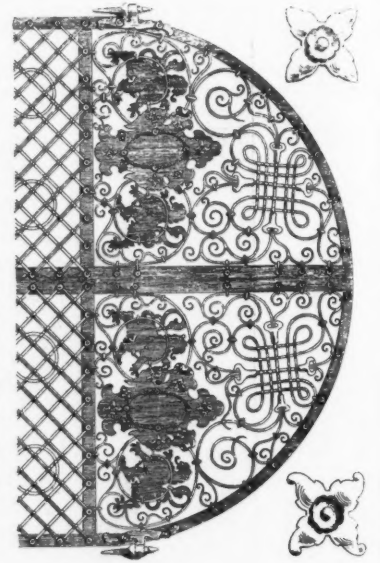
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State Normal School, Terre Haute, Ind.
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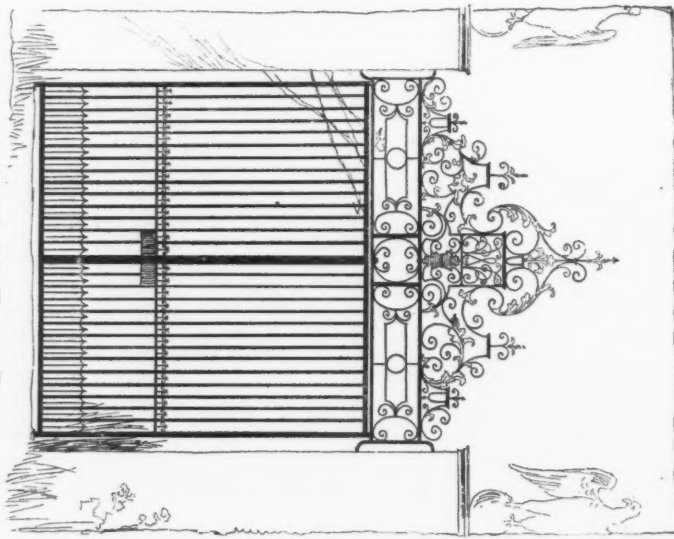
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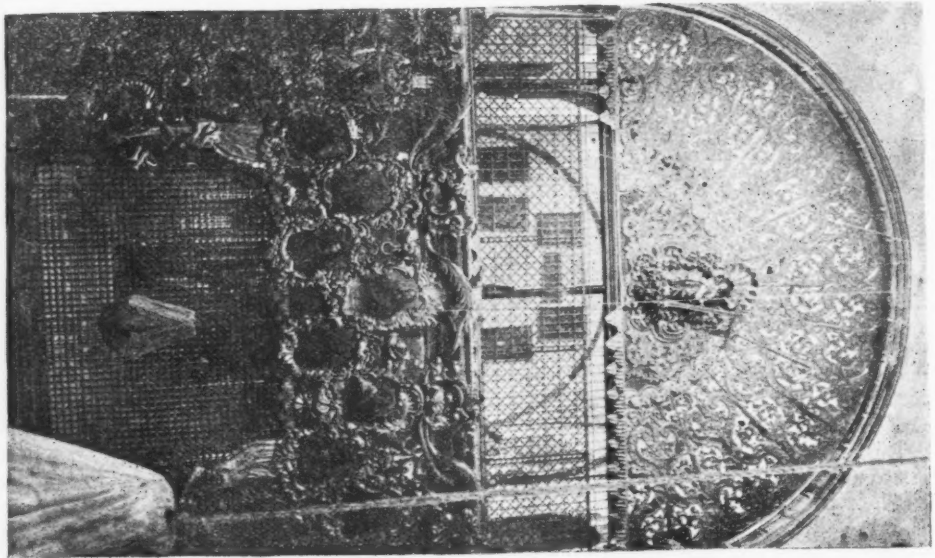
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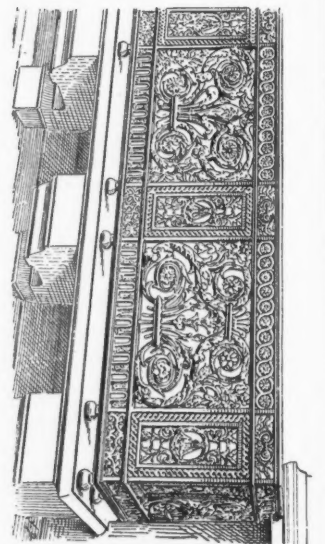
Grille at Foot of Stair-tower, Schloss Hartenstein, Saxony.



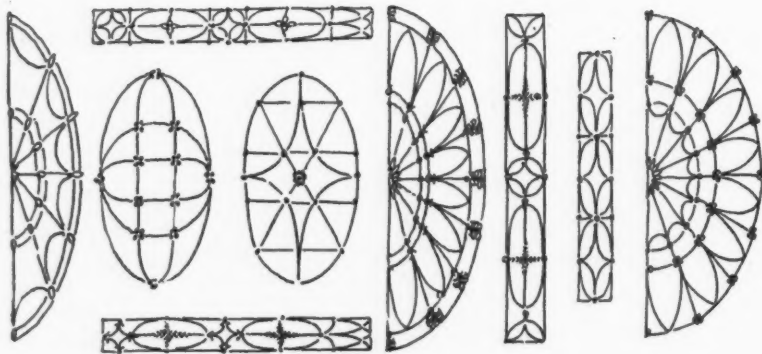
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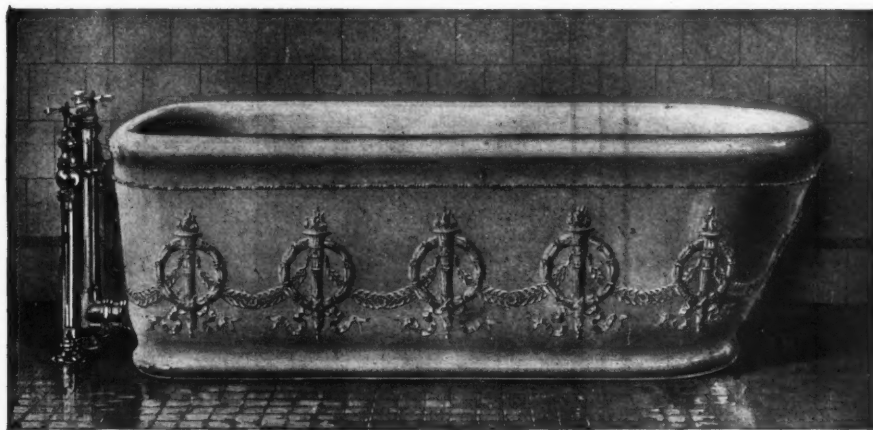
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Do.	do.	do.	do.	5 ft. 0 in. long.
Do.	do.	do.	do.	5 ft. 6 in. long.

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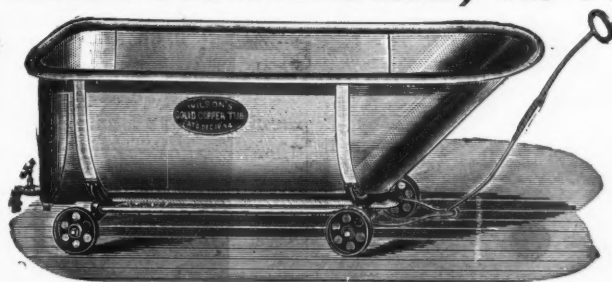
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(Houses Continued.)
Brooklyn, N. Y.—First St., n s, 100' w 7th Ave., 4 four-st'y bk. dwell., 27' x 64'; total cost \$38,000; o., Keltz Bros., 186 Garfield Pl.; a., George W. Bush.
Quincy St., n s, 245' w Franklin Ave., 4 four-st'y bk. dwells., 27' x 58'; total cost \$32,000; o., Samuel Charig, 621 Willoughby Ave., a., H. Vollweiler, 483 Hart St.
Ocean Ave., e s, 400' s Avenue G, two-st'y fr. dwell., 31' x 32'; \$6,000; o., T. J. Henderson, 276 Hooper St.; a., J. J. Petit, 186 Remsen St.
Seventh St., s s, 320' e 3d Ave., 4 four-st'y bk. dwells., 25' x 55'; total cost \$28,000; o., W. Kaulitzsch, Bristol St., nr. Glenmore Ave.; a., G. Infanger.
Nassau Ave., n w cor. Diamond St., four-st'y bk. dwell., 25' x 65'; \$14,000; o. & a., F. Poel, Long Island City.
Twelfth Ave., s w cor. 85th St., two-st'y fr. dwell., 28' x 40'; \$6,000; o., W. L. Johnson, 11th Ave. & 82d St.; a., A. E. Parfitt.
Poorhies Ave., n s, 88' w Ocean Ave., two-st'y fr. dwell., 25' x 39'; \$6,550; o., M. Teets, premises; a., F. C. Wessels.
Thirty-seventh St., n s, 225' e Third Ave., three-st'y bk. dwell., 27' x 61'; \$5,500; o., T. Seigfried, 59 Thirty-seventh St.; a., W. Rexer.
Fourth Ave., w s, 109' n 7th St., two-st'y fr. dwell., 28' x 38'; \$5,000; o., Wm. Princeham, premises; a., H. L. Spicer, 204 Montague St.
Ocean Ave., e s, 120' s Avenue B, two-st'y fr. dwell., 38' x 50'; \$6,000; o., Josephine Taylor, 607 Carlton St.; a., John J. Petit.
Chatham, N. J.—24-st'y fr. dwell., 40' x 40'; \$6,000; o., F. C. Wheeler, Brooklyn; a., J. N. Cady, Summit.
Chicago, Ill.—Thomas St., nr. Hoyne Ave., two-st'y bk. & st. dwell., 21' 6" x 55', flat roof, steam; \$4,500; o., William Struve, Hoyne Ave.; a., Worthman & Neebe, 625 W. Chicago Ave.
Winthrop Ave., 24-st'y fr. dwell., 20' x 54', pitch roof, steam; \$5,000; o., Mrs. R. E. Gilbert; a., Church & Jobson.
Fifty-third St. and Lexington Ave., three-st'y bk. & st. dwell., 28' x 72', plate roof, hot water; two-st'y bk. barn, 31' x 50'; total cost \$25,000; o., E. S. Hunter; a., Fowler & Wright, 226 La Salle St.
Elizabeth, N. J.—Monroe St., No. 308, two-st'y fr. dwell., 50' x 43.5', with extension, 22.6" x 42'; \$40,

BUILDING INTELLIGENCE.
(Houses Continued.)
000; o., A. F. Young, 201 Duane St., New York City; a., Robert C. Walsh, Morristown.
Far Rockaway, L. I., N. Y.—23-st'y fr. dwell., 30' x 70'; \$12,000; o., J. Bach; a., Werner & Windolph, 94 Liberty St., N. Y. City.
Hartford, Conn.—Main and Capen Sts., 23-st'y fr. dwell., 35' x 60', 13 rooms, pitch roof, furnace; \$9,000; o., Chas. King; b., Isaac Bragaw; a., Willis E. Becker.
Indianapolis, Ind.—Park Ave., two-st'y fr. dwell., \$5,000; o., Thos. Wynne; a., D. A. Bohlen & Son.
Jersey City, N. J.—Bergen and Harrison Aves., 24-st'y fr. dwell., 44' x 37' and extension, 20' x 25'; \$15,000; o., Samuel Reid, Bergen & Bentley Aves.; a., L. H. Broome, Washington & Montgomery Sts.
Lynn, Mass.—Boston St., 23-st'y fr. dwell., 25' x 45', shingle roof, furnace; \$4,500; o., M. K. Connelly, Liberty St.; b., A. McClellan, 431 Broadway.
Malden, Mass.—Dexter St., two-st'y fr. dwell., 34' x 44', shingle roof, steam; \$10,000; o., Geo. Smith & C. M. Crocker; b., G. D. Mitchell.
Medford, Mass.—Boston Ave., 23-st'y fr. dwell., 30' x 40', shingle roof, furnace; \$4,500; o. & b., L. H. Lovering, Bowers St., West Medford.
Hastings Lane, 2 two-st'y fr. dwells, 32' x 36', pitch roofs, furnaces; \$8,000; o., A. M. Sise, Mystic St.; b., L. H. Lovering; a., Lyman Sise, Boston.
High St., two-st'y fr. dwell., 30' x 38', shingle roof, furnace; \$4,200; o., Annie M. Sise, Mystic St., b., L. H. Lovering; a., Lyman Sise, Boston.
Edison Ave., 24-st'y fr. dwell., 25' x 50', shingle roof, furnace; \$5,000; o., W. H. Atkins & Co., Capen St.; b., J. A. Stewart & Son, Marshall St.
Milford, Mass.—Pine St., 24-st'y fr. dwell., 25' x 59', shingle roof, steam, electric lighting; \$4,500; o., W. A. Pond; a., R. A. Cook; all modern improvements.
Montclair, N. J.—Warren Pl., 24-st'y fr. dwell.; \$9,000; o., Mr. Smith; a., C. W. Meyers, 361 Broadway, New York City.

BUILDING INTELLIGENCE.
(Houses Continued.)
Orange Road, two-st'y & addition fr. dwell.; \$5,000; o., Wm. S. Manner, East Orange; a., Saml. S. Colt, Orange.
Walnut St., 23-st'y fr. dwell.; \$5,000; o., D. V. Harrison, 45 Harrison St.; a., Wm. Sigler.
Mt. Vernon, N. Y.—24-st'y fr. dwell.; \$6,000; o., R. W. Turner, Depot Pl.; a., W. F. Stickles.
24-st'y fr. dwell.; \$6,000; o., Horace Loomis, 150 Nassau St., New York City.
Newark, N. J.—Broad St., s 3d Ave., 2 three-st'y bk. & st. dwells., 17' 6" x 63'; \$10,000; o., Charles Cogswell; a., B. F. Hurd.
Woodside Ave., 24-st'y fr. dwell., 36' x 44'; \$10,000; a., Chas. G. Jones, 280 Broadway, New York City.
Newton, Mass.—Brucebridge Road, 24-st'y fr. dwell., 45' x 36', shingle roof, furnace, two open
(Continued on page xix.)

PROPOSALS.
CONSERVATORY. [At Buffalo, N. Y.]
Proposals will be received for the construction of a conservatory in South Park. G. H. SELKIRK, Secretary Board of Park Commissioners. 1141
SCHOOL. [At Petosky, Mich.]
Bids are wanted November 20 for erecting a new school building in Greenwood District No. 3. J. PRIVATT, Chmn. Bldg. Com. 1142
Treasury Department, Office Supervising Architect, Washington, D. C., October 27, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 30th day of November, 1897, and opened immediately thereafter for all the labor and materials required for the completion of the interior finish of the United States Post-office, Washington, D. C., in accordance with the drawings and specification, copies of which

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SCHOOL-HOUSE. [At Malden, Mass.] It is reported that bids are wanted November 17 for the erection of a school-building, cost about \$40-

PROPOSALS. 000. WM. H. HAWLEY, Clerk of the Committee. 1142

JAIL. [At Magnolia, Miss.] Proposals will be received until December 6 for remodeling the Pike County Jail. W. C. VAUGHT, Clerk. 1144

Treasury Department, Office Supervising Architect Washington, D. C., October 22, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of November, 1897, and opened immediately thereafter, for all the labor and materials required for the boiler plant, steam-heating and ven-

tilating apparatus, water-supply, filtering and fire protection system, basement floor, etc., for the United States Appraisers' Warehouse, New York, N. Y., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent of said building at New York City. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Boiler Plant, Heating, Water-supply, etc., for the United States Appraisers' Warehouse, N. Y.," and addressed to the Supervising Architect. 1141

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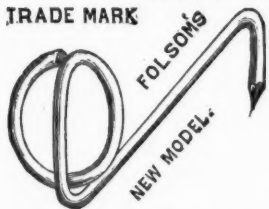
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Plainfield St., two-st'y fr. dwell., 41' x 28', shingle roof, furnace; \$5,000; o., Mrs. Bertha E. Hovey; a., E. J. Lewis, 9 Park St., Boston; b., F. H. McDonald, 2157 Dorchester Ave., Boston.

New York, N. Y. - One Hundred and Thirteenth St., nr. 31 Ave., three-st'y bk. dwell. & store, 42' x 23' 6"; \$6,000; o., Mrs. Anna J. Randall; a., Lawrence & Kimrose, 150th St. & 3d Ave.

New Rochelle, N. Y. - Mahlstadt Ave., 2 1/2-st'y fr. dwell., 34' x 48'; \$5,000; o., J. A. Mahlstadt; a., Chas. A. Lupprian, Main St.

2 1/2-st'y fr. dwell.: \$5,000; o., Mrs. S. W. Pratt; a., N. J. Burchelle, Church St.

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North Yonkers, N. Y. - Six 2 1/2-st'y dwells., 33' x 48'; \$6,000 each; o., Wm. H. Malone; a., A. J. Van Suedale.

Palisade Ave., 2 1/2-st'y fr. dwell.; \$6,000; o., W. E. Hogman; a., Henry C. Pelton, 1 Madison Ave., New York City.

Shenard Terrace, 2 1/2-st'y fr. dwell., 35' x 38'; \$5,000; o. & a., Harry Woodhouse.

Belmont Terrace, 30' x Palisade Ave., two 2 1/2-st'y fr. dwells., 15' x 27' & 32' x 35' 6" respectively; \$5,000; o., Charles L. Noble; a., H. B. Jeffery, Syracuse.

Pelham Manor, N. Y. - 2 1/2-st'y fr. dwell., 28' x 41'; \$5,000; o., E. C. Rosevelt, care of architect; a., E. Hamford Sturges, Main St.

Philadelphia, Pa. - Allegheny Ave., No. 1605, 2 1/2-st'y granite dwell., limestone trimmings, 48' 6" x 76', hip roof, steam heat; \$25,000; o., John P. Mathier; o., Wm. K. Dougherty; a., Hales & Ballinger, 102 S. 12th St.

Pittsfield, Mass. - Oak Hill, three-st'y fr. dwell., 30' x 90', shingle roof, steam; \$15,000; o., Mrs. Louis Chauvenet; a., Rathburn & Harding; not let.

Worcester, Mass. - Millbury St., two-st'y fr. dwell., 27' x 52'; \$3,500; o., P. Doherty; a., George & J. P. Kingston; o., F. J. Yates.

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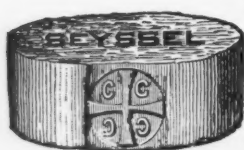
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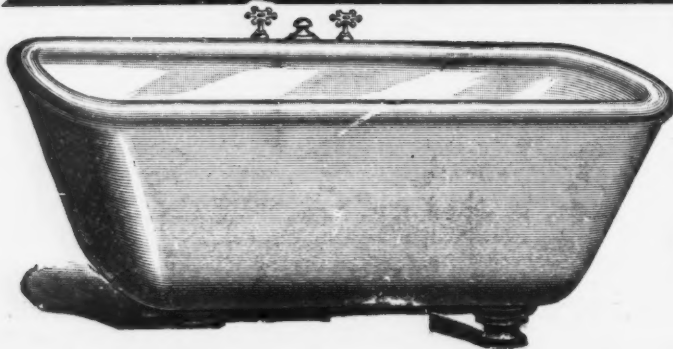
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Lime:				
Lime of Tell.....	@ 4 00			Not sold.
Hydraulic Lime.....	@ 1 45			White Lime P bush
Chicago Lime in bulk.....	@ St. John			25 @ 30
Wisconsin Lime.....	@			{ White Mash
Rockland and Rockport, (Dom.)	@	@ 90		{ 1 25 @ 1 50
Rockland, finish.....	@	@ 95		1 00 @ 1 00
Kelley Island Lime, finish.....	@			Not sold.
State, Com. cargo rates.....	@ 70			Not sold.
State, finishing.....	@ 1 0			Not sold.
Plaster-of-Paris (calcined).....	1 30 @ 1 40	1 85 @ 2 00		Not sold.
" (casting).....	@ 1 60	@ 2 25		1 50 @ 2 25
Hair (cattle) P bush.....	14 @ 16	25 @ 30		1 75 @ 2 50
" (Goat) P bush.....	18 @ 21	@ 30		20 @
Sand, P load.....	1 00 @ 1 25	1 00 @ 1 75		30 @

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STONE. (P cubic foot, rough.)				
Foundation:				
Dimension.....	5 00 P ton.	20 @ foot	20 @ foot	5 00
Block.....	4 60 P perch.	10 00 @ cord	10 00 @ cord	Conshocken
Rubble.....	1 25 @ 1 50	9 00 @ "	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	80 @ 90	80 @ 90	80 @ 90	95 @ 1 05
Kibbe.....	80 @ 90	90 @ 1 10	80 @ 90	1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 95	1 00 @ 1 30	1 50 P cub. ft.	85 @ 95
Ambert Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	85 @ 95
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
Berlin.....	75 @ 1 00	90 @ 90	45 @ 55	85 @ 95
Belleville.....	80 @ 1 25	25 @ 1 35	45 @ 55	1 00 @ 1 10
New Brunswick (Dorchester).....	1 00 @ 1 25	75 @ 90	Not sold.	1 05 @ 1 15
Potdam Red.....	1 30 @ 1 30	1 40 @ 1 40	@ 1 55	@ 1 40
Caen.....	2 00 @ 2 00	@ 2 00	@ 2 00	1 25 @ 1 35
Carlisle, English.....	1 05 @ 1 05	@ 1 05	@ 1 05	95 @ 1 05
Corse Hill (Scotch).....	1 05 @ 1 05	@ 1 05	@ 1 05	95 @ 1 05
Granite: (Maine)		@ 60	80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00 @ 1 00		@ 40	Richmond
Lemont.....			@ 40	75 @ 1 50
Serpentine.....		10 50 per ton.	@ 40	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	@ 2 50	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@ 3 00	@ 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.....	@ 2 00	@ 2 00	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@ 2 00	@ 2 00	@ 4 40	2 50 @ 2 75
" Sienna.....	@ 2 00	@ 2 00	Not sold.	@ 5 00
Tennessee, red.....	@ 2 00	@ 2 00	@ 4 40	4 00 @ 6 00
" Knoxville.....	@ 2 00	@ 2 00	@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@ 2 00	@ 2 00	Not sold.	2 00 @ 3 00
Vermont, white.....	@ 2 00	@ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square).				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 60
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	4 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	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@ 4 75	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@ 4 75	@ 4 75	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 60	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.....	@ 8 00	@ 8 00	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war unfading			9" Sq. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.			6 00 @ 6 50	8 60 @
LUMBER.—P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	85 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d qual ty.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea 13 @ 14	11 00 @ 14 00	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.....	@ 40	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@ 38 00 @ 55 00	@ 38 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@ 24 00 @ 35 00	@ 24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 18 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	16 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	1 85 @ 2 00	1 85 @ 2 00	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	2 25 @ 2 50	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	Round Wood	1 80 @ 2 25	Not sold.	2 30 @ 2 85
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@ 4 50	Not sold.	2 75 @ 3 00
" ".....	4 00 @ 5 00	@ 4 50	2 80 @ 2 75	2 75 @ 3 00
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	2 75 @ 3 00
Redwood..... P 125.	1 40 @ 1 80	3 00 @ 3 75	4 80 @ 6 00	2 75 @ 3 00
Cedar split..... P M.....	@ 6 00	@ 6 00	Not sold.	2 75 @ 3 00
Cedar sawed.....	@ 2 00 @ 3 25	@ 2 00 @ 3 25	2 50 @ 2 90	2 75 @ 3 00
Cypress, Split..... 7 x 34	16 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14 00



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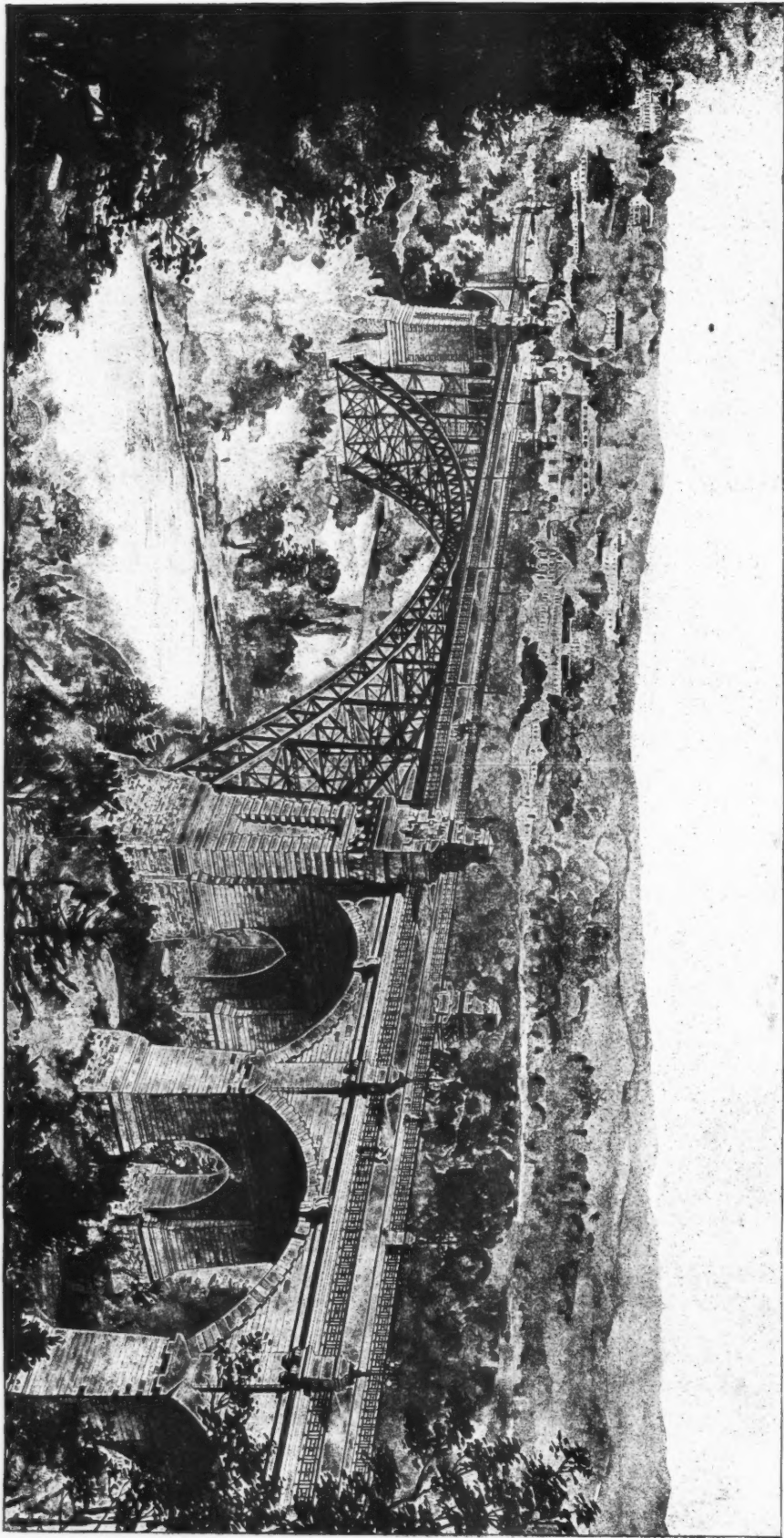
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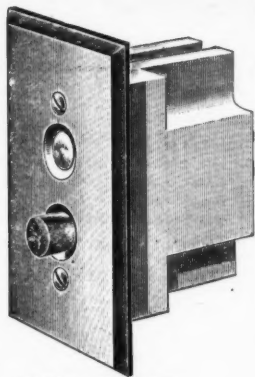


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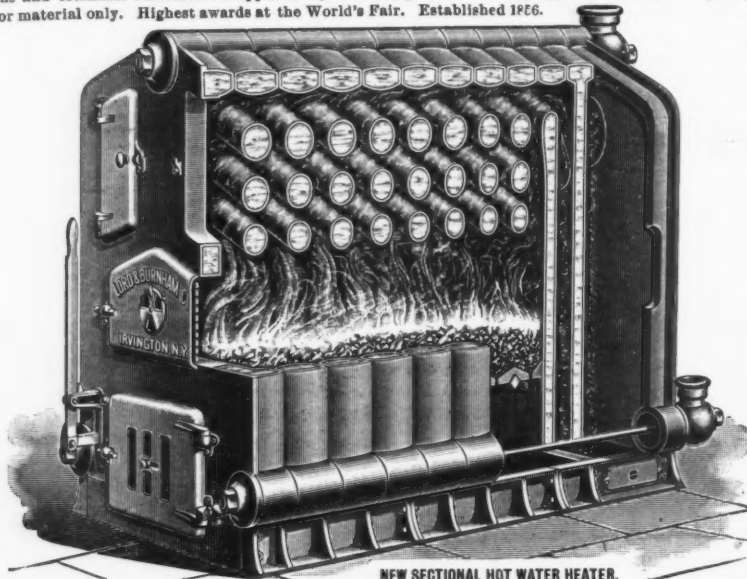
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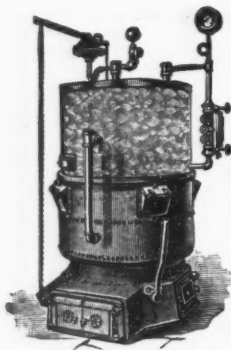


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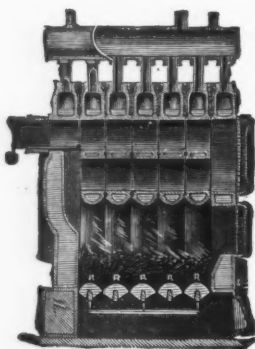
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SECTION 14. It is unprofessional to enter into competition with or to consult with an architect who has been dishonorably expelled from the "Institute" or "Society."

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

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



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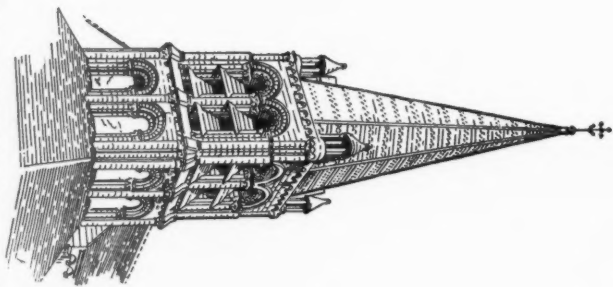
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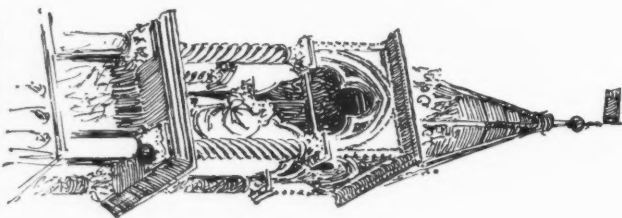
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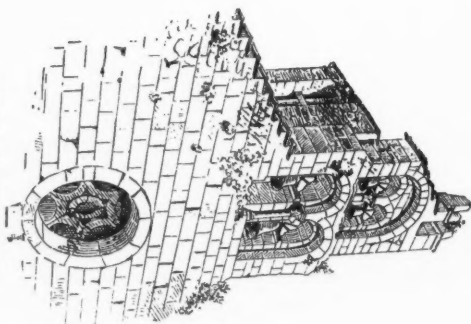
BOSTON, MASS.



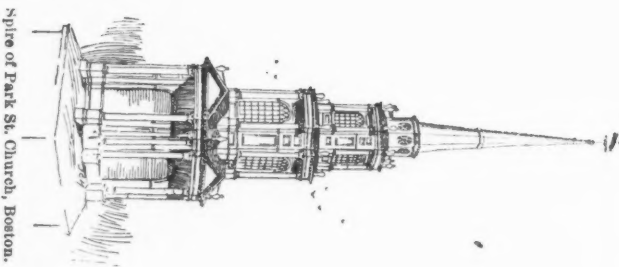
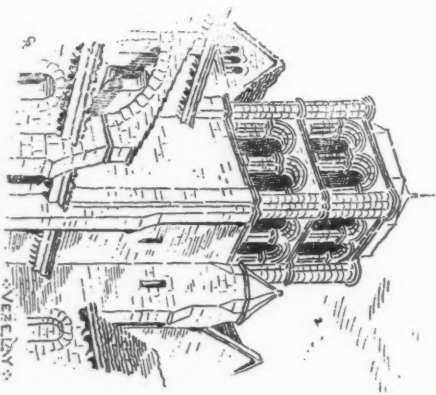
Belfry Boulogne, Seine-et-Oise, France.



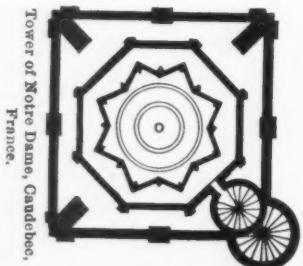
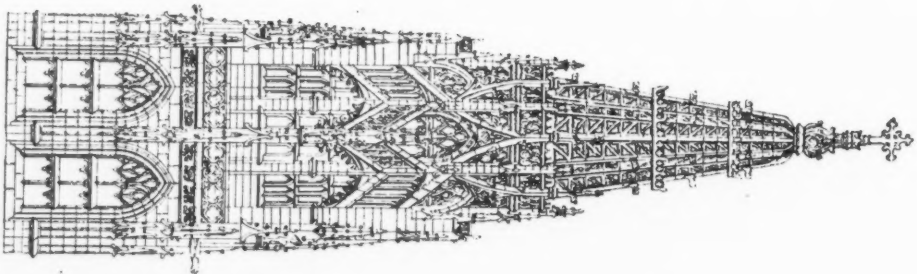
A Minaret from St. Mark's, Venice.



Belfry of St. Beaulieu, France.



Spire of Park St. Church, Boston.



Tower of Notre Dame, Caudebec, France.

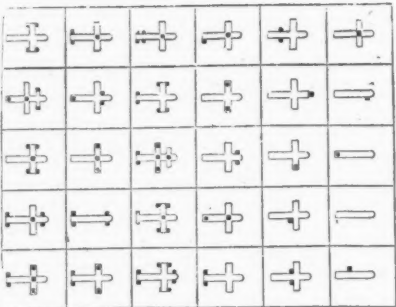
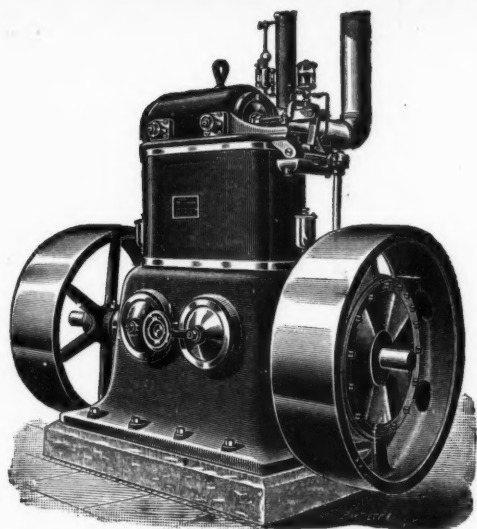


Diagram showing the Positions of Church Towers.

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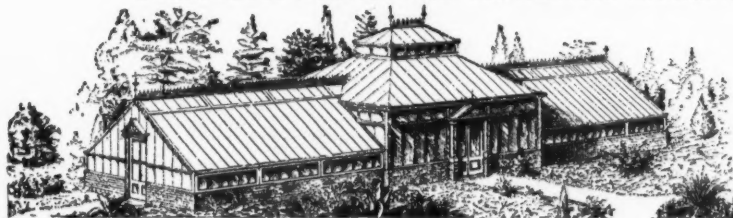
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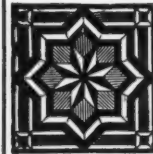
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593,150. CORNER-STRIP FOR BUILDINGS.—Franklin Woods, Philadelphia, Pa.
593,182. LATCH.—Jos. D. Woodbury, Springfield, Mass.

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.—The Board of Governors of the Albany Hospital has decided to accept the pavilion plans as drawn by Architect Fuller. The new hospital will consist of a group of two-story buildings, with all the improvements. Estimated cost \$200,000. James McCreedy, President.

Ann Arbor, Mich.—It is stated that the Board of Regents will probably soon advertise for plans for a new law building and a biological laboratory not to cost more than \$50,000 each.

Arvone, L. I., N. Y.—Plans have been prepared by Architect G. A. Edelsvard, 140 Nassau St., for a handsome frame residence to be constructed here. It will be two stories and a half high, 45' x 70', shingle roof, furnace. It is to cost \$12,000.

Atlanta, Ga.—It is reported that Mr. Jas. Lynch will erect a ten-story office-building on his lot corner of Whitehall and Alabama Sts.
Four of the companies of the 5th Regiment have appointed a committee to have plans drawn for the new armory. Capt. Joseph Nash, of the Gate City Guards, is Chairman of the Committee.

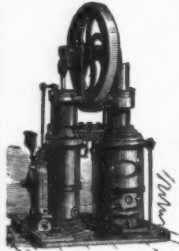
Atlantic City, N. J.—Harry Peale, Jr., Philadelphia, Pa., has plans for altering and enlarging the Hotel St. Charles.

Baltimore, Md.—Proposals are now being received for the construction of a twelve-story office-building, to be 60' x 90', by the Massachusetts Building Company, of Hopkins Pl., Baltimore. The plans for the building were prepared by Winslow & Wetherell, architects, of Boston, Mass. It is to cost about \$200,000.
The Baltimore Country Club will build a new club-house on the property of the Roland Park Co.

Brooklyn, N. Y.—Plans and specifications are wanted until December 4, for Erasmus Hall High School, to be located on Flatbush Ave., 29th Ward. John McNamee, Chairman Committee on School-houses, Board of Education.

Boston, Mass.—Winslow & Wetherell have been engaged to prepare plans for an eight-story fireproof mercantile building to be erected at the corner of Bedford and Chauncy Sts. by Jordan, Marsh & Co., who have leased the site from the Ebenezer Francis Estate. The Merchants Building, now standing on that site, is to be taken down after January 1st. The lot has a frontage of 110' on Chauncy St., 68' on Bedford St., and 70' on Avon Pl.
Plans prepared by Chas. Brigham, architect, are stated to have been approved by the Governor and Council for the new Memorial Hall in the State-house extension, for which \$250,000 was appropriated by the Legislature in 1896. It is stated that work will begin at once.
The site on Marion St. has been selected for the East Boston High School Building and Herbert D. Hale has been selected as architect to prepare the plans.

Bristol, R. I.—Reports state that the contract for building the \$75,000 bk. & st. sanitarium has been awarded to J. W. Bishop & Co.; a. H. K. Hilton, Providence.

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THE RIDER-ERICSSON ENGINE CO. begs to announce that, having bought the businesses formerly conducted by

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Buffalo, N. Y.—Plans have been prepared by August C. Eckenwin, Mooney & Brisbane Building, for a group of buildings to be used for the Pan-American Exposition on Cayuga Island. Each building will be 160' x 400'. They will cost about \$700,000.

Butler, Pa.—A press report states that the County Commissioners have decided to enlarge the County Jail at a cost of about \$18,000. Messrs. Owsley & Southerly, of Youngstown, O., are the architects.

Charleroi, Pa.—The bank which has been recently organized with a capital of \$75,000 will probably erect a new bank building. A. W. Mellon & W. M. Bell, of Pittsburgh, Pa., are among the organizers.

Chattanooga, Tenn.—Mr. Z. D. Hunt has been awarded the contract to erect the Miller Block at the corner of 7th and Market Sts., at a price of \$36,000. The building will be erected of pressed-brick, stone trimmings, four stories, 110' x 200'.

Chicago, Ill.—W. H. Pruyn, Jr., 231 Forty-second St., has made plans for 2 three-story stone and brick houses, to cost \$30,000 and to be built in Madison Park, near 50th St., for Judge Kirk Haves.

Cincinnati, O.—M. H. Burton, architect, has made plans for the club-house to be erected by the Avondale Athletic Club. It will be three-story, 78' x 41', built of brick, and will cost about \$14,000. W. H. Stewart's Sons, contractors.

Collingwood, N. J.—Yarnall & Goforth have prepared plans for 3 three-story frame and stone dwellings, total cost about \$15,000, for F. B. Byam, to be erected here.

Denmark, S. C.—The South Carolina, The Georgia, The Florida Central and Peninsular and the Atlantic Coast Line will jointly build a union depot. Plans have been drawn for same.

Detroit, Mich.—Donaldson & Meier, Mason & Rice and Nettleton, Kahn & Trowbridge, architects, have been invited to compete for the plans of the new opera-house.

Dublin, Ga.—Messrs. Stubbs & Leitich will build an opera-house. Opera-chairs and all modern conveniences will be put in.

Fairmount, W. Va.—A new opera-house will be erected this winter, at a cost of \$100,000.

Fort Worth, Tex.—The contract for the new hospital to be erected by the Sisters of the Incarnate Word has been awarded to C. W. Forbes of this city. The building will be erected on the site of the old one on the south side, constructed of brick with stone trimmings, and cost about \$100,000.

Fox Chase, Pa.—Clothier Bros., Narberth, will build the Fotherall barn above Fox Chase, from plans by Schermerhorn & Reinhold, Philadelphia. The building will cost about \$30,000.

Grand Haven, Mich.—Appropriation has been made and plans are being prepared for a \$10,000 jail. Construction to commence in the spring of 1898.

Greensboro, N. C.—Architect W. B. Beacham has just completed the plans for a commodious library building soon to be erected. He has also prepared plans for an elegant residence on N. Elm St.

Hempstead, L. I., N. Y.—The congregation of the German Lutheran Church have purchased on Jerusalem Ave. and will at once erect a new edifice to cost about \$20,000.

Hinton, W. Va.—Messrs. Yost & Packard, of Columbus, O., have drawn plans for an Episcopal Church. Harrison Albright, Charleston, will superintend construction.

Huntsville, Ala.—The City Council has decided to have plans prepared for new buildings and additional machinery for the pumping-station.

Indianapolis, Ind.—The plans of Henry Ives Cobb, architect, 100 Washington St., for the \$80,000 club-house for the Columbia Club, are under consideration. The proposed building will be 74' x 125', four stories high, of fireproof construction, with the front of Bedford limestone. The estimated cost of

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the building is \$80,000, and \$15,000 will be expended for furnishings.

Plans prepared by A. W. Rusk & Son, architects, of Grand Rapids, Mich., are stated to have been accepted for the ten-story building to be erected by the I. O. O. F., on Washington and Pennsylvania Sts., to cost about \$250,000. F. H. Stevenson, of Greensburg, U. Z. Wiley, of Fowler, and others are on the Building Committee.

Jasper, Ga.—The grand jury, in returning their presentment, recommended that a new jail be erected at once. Plans have not yet been drawn.

Jersey City, N. J.—The Metropolitan Investment Company of 160 Broadway, New York City, will erect 85 dwellings of various dimensions on Claremont Ave., this city. The plans are being drawn by Architect D. W. King, 111 Fifth Ave., New York City. They are to have all modern improvements and will cost about \$200,000.

Patrick Burke has the contract for the four-story brick store and flat, 25' x 60', costing \$12,000, for Michael Hennessy, after plans by Kreiter & Hebbard, 62 Broad St.

Kansas City, Mo.—The construction of a new union depot and terminals at 22d St. and Grand Ave., on the Belt Line, is under consideration; estimated cost \$3,000,000.
All the railroad companies whose roads enter this city, with the exception of one, have agreed to build a new passenger station and terminals on the south side. This station, when completed, will compare favorably with any in the country and will have cost \$3,000,000.

Kington, N. Y.—The trustees of the Kington Savings Bank have appointed a committee, of H. C. Connelly et al., to receive plans for the new stone building to be erected by the bank.

La Crosse, Wis.—Plans by Detweiler, Restiaux & Co., architects, of Columbus, O., have been adopted for the new church for Christ Episcopal Society. It will be probably of native stone, with Superior red sandstone trimmings, 136' long, with a seating-capacity of 550, with steam heat, and cost \$30,000. Plans will be completed at once and a portion of the contracts may be let within sixty days.

Lebanon, Pa.—Business men have given \$25,000 for a silk mill to be constructed here. A site for the factory is now being looked for, and something definite will be done shortly.

Lexington, Ky.—The Combs Lumber Company has been awarded contract to build the Fayette County Court-house for \$30,070. Mr. H. L. Rowe drew the plans.

Lewisburg, Pa.—The Presbyterian Sunday School is to have a new library building. \$15,000 has been given for the construction.

Louisiana, Mo.—At a special meeting of the City Council, November 6, an ordinance was passed granting the Burlington Railroad the right to erect a stone and brick station on the river front, and the laying of double track and switches. The new building, when completed, promises to be one of the finest in the state. Chief Engineer Goodale, of St. Joseph, is in charge.

Macon, Ga.—The Jewish Society contemplate building a synagogue to cost \$50,000. Rabbi Harcusson.
The Central Railroad of Georgia will rebuild at once the shops destroyed by fire on the night of October 7th. The estimated cost is \$100,000.

Marblehead, Mass.—The Corinthian Yacht Club will erect immediately a club-house to cost \$15,000. A. H. Bowditch, 85 Devonshire St., Boston, is the architect.

Maywood, Ill.—Frederick R. Schock, 172 Washington St., Chicago, has planned a \$15,000 village hall for Maywood. It will contain council rooms and public library. The exterior will be of pressed brick and Bedford stone, with red tile roof and cupola. It will be finished in hardwood and heated by steam.

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94 Union Street, Boston,

and 84 Lake Street, Chicago.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Mendota, Ill.—The First Presbyterian Church will at once erect a new building to cost \$15,000 to replace the one recently destroyed by fire. Rev. Theo. H. Aller, pastor.

Milwaukee, Wis.—Plans prepared by Ferry & Clas, architects, have been accepted for the new building to be erected at the corner of Fourth St. and Reservoir Ave., for the Wisconsin College of Physicians and Surgeons.

Moline, Ill.—The Board of Trustees of the Northwestern Hospital for the Insane is stated to have awarded the contract for two wings to the hospital building to the Edwards & Walsh Construction Co., of Davenport, Ia., at \$65,000.

Monticello, Ga.—Henry Jordan is Chairman of Committee to examine plans for new Baptist Church. The architect has not yet been selected.

Moultrie, Ga.—H. E. Connors, architect, has drawn plans for a new school-building. It will be a two-story brick, with modern conveniences.

New Martinsville, W. Va.—The erection of a new jail is in contemplation; estimated cost \$15,000.

Newport, R. I.—Dudley Newton has prepared plans and will soon let the contracts for a two-story residence costing about \$50,000 to be built for Mr. Stuyvesant Fish of New York City.

New Bedford, Mass.—The City Government has appropriated \$25,000 for the establishment of a textile school in this city, and all the formalities having been complied with, a grant of \$25,000 will now be received from the State.

New Castle, Pa.—The contract for erecting the new buildings for the new tin mills to be constructed here has been awarded to the Schiffler Bridge Co., of Pittsburgh, at their bid of \$90,000.

New York, N. Y.—At the meeting of the School Board, November 3, \$199,000 was appropriated from the school funds for building a new school-house on 22d St., near 1st Ave.

New Orange, N. J.—Upsala College, induced by the offer of an endowment of \$100,000, will remove from Brooklyn to New Orange, where the trustees have arranged to proceed at once with the erection of five college buildings in a park of about twenty acres, at the head of Lake Wewanna. The president of the college is the Rev. L. H. Beck, 396 Halsey St., Brooklyn, N. Y.

Norfolk, Va.—Messrs. Carpenter & Peebles, 604 Columbia Building, have prepared plans for the new church to be erected by St. Paul's Catholic congregation, to cost about \$53,000.

Northampton, Mass.—Curtis G. Page of this city is preparing plans for a club-house for East-hampton Turn Verein; 110' x 50', two stories, to include gymnasium, club-rooms and tenement for janitor.

Parkersburg, W. Va.—The contract for the construction of the Visitation Academy, which was awarded to Hugh Deboard, of Charleston, has been let, the A. F. Withrow Lumber Company secur-

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

ing the contract. The building will be a very handsome one and will cost complete about \$40,000. Work will be begun at once.

A Catholic convent to cost \$40,000 will be erected. The colored citizens of Johnston St. are soon to begin the erection of a handsome academy at Rosa Spring Church, just on the suburbs of town.

Pendergrass, Ga.—The Town Council has decided to build a modern two-story brick school-house.

Philadelphia, Pa.—The University of Pennsylvania has purchased a plot at 34th and Chestnut Sts., on which a Law School Building will be erected at a cost of \$300,000.

Wilson Bros. & Co. are working on plans and specifications for the buildings for the Commercial Museum and the Franklin Institute, to be erected on the almshouse grounds. The buildings are to be permanent and will cost a half million dollars.

Pittsburgh, Pa.—The Pittsburgh, Pa., Union Title and Trust Company's Building, recently burned at a loss of \$50,000, is to be rebuilt.

Punxsutawney, Pa.—It is stated that plans are being prepared by S. W. Robinson, architect, for the new hospital to be erected here to cost about \$20,000.

Savannah, Ga.—The Independent Order of Rechabites have had plans drawn for the erection of a Temple. Mr. William Schmidt is Chairman of the Building Committee.

Sharon, Pa.—It is reported that a party of Pittsburgh capitalists will erect a new opera-house at this place. It is to cost \$50,000.

Shelby, N. C.—Plans have been drawn for a \$30,000 hotel.

Springfield, Mo.—Plans prepared by L. J. Heckenlively, architect, have been completed for the new edifice for the Benton Ave. M. E. Church, to cost about \$20,000.

St. Louis, Mo.—Local papers state that an ordinance was introduced in the City Council, October 29, providing for the erection of a new Court-house on the present Court-house Square, to cost about \$1,500,000. Preliminary plans have been drawn by Isaac S. Taylor, architect.

A new twelve-story office-building will be erected at the southeast corner of 7th and Pine Sts., by the J. S. Fullerton Estate, to cost \$124,000.

Syracuse, N. Y.—Fully \$30,000 has now been secured for the new Hall of Science at Syracuse University, assuring the carrying out of the project.

Tallahassee, Fla.—The Leon County School Board will build six new school-houses at Jackson Bluff, San Luis, Live Oak, Centreville, Robertsville and Raines.

Tampa, Fla.—A new Roman Catholic Church, costing \$110,000, will be erected at once on the corner of Florida and Twigg Sts. It will be 150' x 80', Rev. Father Tyrell, pastor.

Thomaston, Ga.—The City will issue bonds for the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

purpose of raising money for erection of an auditorium for the R. E. Lee Institute.

Toledo, O.—Chas. L. Reynolds will build a \$30,000 residence on Collingswood Ave., near Floyd St. Bids will soon be received.

Torrington, Conn.—At a special town meeting, October 27, it was voted to build a new Town-hall on the site of the present building, and a committee was appointed to take charge of the matter. The new building will be of brick and cost about \$30,000.

Washington, D. C.—Edward T. Waltz, 610 I St., N. W., has prepared plans for 11 three-story brick dwellings, stone trimmings, each 20' x 66', tile roofs, hot water, and to cost about \$72,000 in all. They are to be erected on Kalorama Ave. and 20th St., Washington Heights, for Christian J. Ubhoff.

Architects A. B. Mullett & Co. have just completed plans for an improvement to the Concordia Club-house, at the corner of 6th and E Sts., N. W. An addition, three stories high, 45' x 72', with exterior of Hummelstown brownstone and pressed-brick, is to be erected on the 6th St. side. A heating plant and electric light and other conveniences will be put in. This annex will contain a banquet-hall, gymnasium and ball-room.

Waterbury, Conn.—Plans are being prepared by Architect Joseph A. Jackson for the new church to be erected by the Immaculate Conception parish.

West Bend, Ind.—It has been decided to rebuild the hotel which was recently destroyed by fire at French Lick Springs. A committee composed of Mr. John Doerhofer *et alia*, has been appointed to have plans prepared and to advertise for bids. The building is to cost \$100,000.

West Chester, Pa.—The probability is that the Chester County Asylum for the Insane will be erected next year. The cost will be about \$100,000.

Wheeling, W. Va.—The Aetna-Standard Co. will make improvements at Mingo Junction that will cost three-quarters of a million dollars. Plans have all been completed and work will begin at once.

Wilmington, Del.—A syndicate of four New York City brewers will erect an immense brewery in this city. Plans have been prepared and work will be commenced as soon as a site is obtained. Adolph H. Broza, of the firm of Broza & Co., of 530 Walnut St., Philadelphia, is representing the syndicate.

Winona Minn.—Plans will be selected soon for the proposed \$35,000 hospital, and a site secured.

Woonsocket, R. I.—Rev. Chas. Dauray, pastor of the Church of the Precious Blood, has bought land on the Ross Flat, between Park Ave. and Transit St., to be used as a site for a college, to cost \$40,000, which is to be built by Brothers of the Sacred Heart.

Worcester, Mass.—The County Commissioners of Worcester County have appointed Messrs. Andrews, Jacques & Rantoul, of Boston, architects of the proposed new County Building, their plans on the

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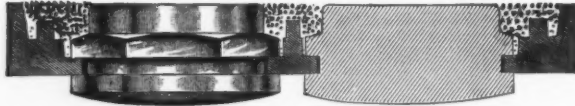
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Court-house competition being considered the best submitted by the twelve firms which prepared plans in the competition. The cost of the building is strictly limited to \$300,000. The seven successful competitors, as reported by the commissioners, in the order of excellence, are as follows: Andrews, Jacques & Rantoul, Wheelwright & Haven, Earle & Fisher, Cope & Stewardson, Fuller, Delano & Frost, Lucius W. Briggs and Robert Allen Cook.
Architects Geo. & J. P. Kingston are preparing plans for a private residence and stable to be erected on Juno St. for J. E. Farwell; cost, \$10,000.

Architects Barker & Nourse are preparing plans for new addition to Ward St. school-building.

Architect W. H. Harvey is preparing plans for a private residence to be erected on Westland St. for John M. Travers.

Architect J. W. Pastston has plans prepared for a block to be erected on Plantation St., for Felix Morway.

Architect A. J. Harrington is preparing plans for new houses for N. R. Power and E. B. Rogers.

Architects Earle & Fisher are preparing plans for a five-sty brick store and office-building for A. S. Lowell.

York, Pa. — J. A. Dempwolf has prepared plans for the enlargement of the Court-house at that place, at an approximate cost of \$50,000.

ALTERATIONS AND ADDITIONS.

Sioux Falls, S. D. — Additions to brewery, consisting of brew-house, 37' x 40', and boiler-house, 38' x 46', bk. & granite construction; \$50,000; o. Sioux Falls Brewing Co.; a. Beyer & Rautert, Garden City Bldg., Chicago, Ill.

St. Louis, Mo. — Broadway, w s, bet. Keokuk & Osage Sts., addition to hospital; \$30,000; o. Alexian Bros.; contract sub-let.

APARTMENT-HOUSES.

Chelsea, Mass. — Sagamore Ave., three-sty fr. apart. & store, 28' x 62', flat roof, furnace; \$6,000; o. James Higginbottom, Washington Ave.; a. A. B. Pinkham, Warren St., Boston.

Chicago, Ill. — Milwaukee Ave., Nos. 1357-1365, three-sty & base, bk. & st. flats, 111' x 65', gravel roof, steam; \$30,000; o. Henry Steinhilber; a. Paul Gerhardt, 1493 Schiller Building.

Spaulding and Fifth Sts., two-sty st. & bk. flats, 25' x 66', comp. roof, steam; \$5,000; o. P. Peterson; a. Geo. F. Paulson, 594 N. Francisco St.

North Ave., nr. Albany St., three-sty & base, bk. & st. flats, comp. roof; \$7,000; o. Mrs. Jaline Stoffhas; a. J. B. Rohm.

Barry Ave., No. 1675, three-sty & base, bk. & st. flats, 25' x 62', comp. roof, steam; \$14,000; o. & a. M. S. Gregory, Room 601, 85 Dearborn St.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Racine Ave., Nos. 711-13, three-sty bk. & st. flats, 50' x 70'; \$15,000; o. Michael Schlosser, 715 Racine Ave.; a. J. A. Miller.

Wilcox and Sacramento Aves., three-sty & base, bk. & st. flats, 30' x 84'; \$10,000; o. Mrs. M. Reuter a.; Chas. F. Sorenson, 648 N. Claremont Ave.

Milwaukee Ave., 5 three-sty bk. & st. flats, 110' x 60'; \$30,000; o. Henry Steinhilber; a. Paul Gerhardt, Schiller Building; not let.

Wellington St., four-sty st. & bk. flats; \$12,000; o. J. H. Wallace; a. Sydney Smith, 410-59 Dearborn St.

Forty-eighth St., No. 1650, three-sty & base, flat; \$20,000; o. Henry Ellsworth, 147 Van Buren St.; a. & b., Joseph Sucher.

Fulton St., nr. Garfield Park, three-sty & base, bk. flat, 80' x 40'; \$25,000; a. Harry E. Stevens, 1501 Ashland Block.

Fifteenth St. and Kedzie Ave., three-sty & base, bk. & st. flat & store building, 26' x 89'; \$14,000; o. M. Dooley; a. Wm. F. Gubbins, 685 Ogden Ave.

Clarendon Ave., Nos. 2110-14-18, 3 three-sty bk. flats; \$29,000; o. H. F. Nielson; a. J. A. Miller, 1314 Ashland Block.

Indiana Ave., Nos. 4506-8, four-sty bk. flat, 42' x 94'; \$25,000; o. E. E. Canavan; b. C. Schleyer; a. H. L. Ottenheimer.

New York, N. Y. — Washington Ave., cor. 172d St. four-sty bk. flats & store, 30' x 95'; \$16,000; o. John Messimino, 188th St. & Morris Ave.; a. W. C. Dickerson.

One Hundred and Thirty-sixth St., nr. St. Ann's Ave., 4 four-sty bk. & st. flats, 25' x 72'; \$53,000; o. Theodore F. Sanders; a. Solomon D. Cohen.

Forty-fourth St., Nos. 532-36, 3 six-sty bk. & st. flats, 25' x 87'; \$52,500; o. Jas. B. Vreeland, Larchmont; a. Edw. B. Chestersmith, 45 Exchange Pl.

CHURCHES.

Bay City, Mich. — Center Ave., one-sty & base, st. & bk. church, 62' x 90', flat roof, hot water & hot air heating; \$16,000; o. First Universalist Society; a. Clark & Munger.

St. Louis, Mo. — Texas St., s s, bet. Utah & Wyoming Sts., st. church; \$17,000; o. Westminster, Presbyterian Church; c. M. W. Muir.

EDUCATIONAL.

Houghton, Mich. — Three-sty sandst. structure, 44' x 72', for a theological seminary, pitch roof, hot air; \$10,000; o. Finnish College Association, Hancock; a. W. T. Pryor.

HOSPITALS.

Des Moines, Ia. — Fourth St., five-sty st. & bk. hospital building, 125' x 50', mansard roof; o. Sisters of Mercy; a. O. O. Smith, 609 Walnut St.

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HOUSES.

Allegheny, Pa. — Three two-sty dwells.; \$12,000; o. Wm. Pickersgill, 228 Sixth St.; a. Jos. Anglin, Pittsburgh.

Anderson, Ind. — Fourteenth and Jackson Sts., three-sty st. & bk. dwell., 18' x 30', tin roof, furnace; \$8,000; o. Albert Lorimer; a. P. Labelle.

W. Eighth St., 2 1/2-sty dwell. of 19 rooms, 46' x 50', hot-air heat; \$7,000; o. A. Harper; a. P. Labelle; not let.

Augusta, Ga. — 2 1/2-sty bk. & fr. dwell.; \$8,000; o. Mrs. Charles Phinizy; a. J. C. Turner.

Two-sty st. bk. & fr. dwell.; \$4,500; o. Mrs. E. M. Dawson; a. J. C. Turner.

Boston, Mass. — W. Ninth St., Ward 15, two-sty fr. dwell., 21' x 57', pitch roof, stoves; \$4,800; o. Frank T. Horgan, 360 Broadway; b. Daly Bros.

Lawrence Ave., No. 101, Ward 20, three-sty bk. dwell. & store, 22' x 63', flat roof, steam.

Blue Hill Ave., No. 322, Ward 20, three-sty dwell. & store, 20' x 78', flat roof, steam.

Blue Hill Ave., Nos. 324-28, Ward 20, 3 three-sty bk. dwells. & stores, 22' x 58', flat roof, steam. Total cost for above, \$55,000; o. & b., J. Scheffreen; a. Chas. E. Park, 850 Tremont Bldg.

Malden St., No. 33, Ward 9, three-sty bk. dwell., 25' x 57', flat roof, stoves; \$5,000; o. Mary Connolly, 80 Malden St.; b. John Savage.

Adams St., Nos. 1-3, Ward 16, 3 bk. dwell., 19' x 47', flat roof, furnaces; \$30,000; o. Abraham Kurinsky, 34 McLean St.; b. J. St. Clair, 1 Beacon St.

Ingliside St., No. 2-4, Ward 16, 2 bk. dwells., 19' x 47', flat roof, furnaces; \$20,000.

Blue Hill Ave., Ward 19, 5 bk. dwells., 19' x 47', flat roofs, furnaces; \$50,000; o. Abraham Kurinsky; a. & b., J. St. Clair, 1 Beacon St.

Highland St., nr. Cedar St., Ward 19, four-sty bk. dwell., flat roof, furnace; \$9,500; o. & b., Lawrence J. O'Toole, 323 Blue Hill Ave.

Stanwood Terrace, nr. Stanwood St., Ward 20, 3 three-sty fr. dwells., 22' x 44', flat roof, stoves; \$16,000; o. & b., Gustave W. Prising, 26 Stanwood St., Dorchester.

Sydney St., No. 101, Ward 20, three-sty fr. dwell., 26' x 40', flat roof, furnace; \$4,500; o. & b., John W. Douse, 4 Buttonwood St.

Westville St., nr. Geneva Ave., Ward 20, two-sty fr. dwell., 25' x 40', pitch roof, furnace; \$4,500; o. Ether R. Marlowe; b. R. W. McDowell, 6 Armandine St.

Robinson St., nr. Centre St., Ward 22, two-sty fr. dwell., 34' x 35', pitch roof, furnace; \$6,000; o. Dr. C. R. Tuttle; b. A. A. McDonald, 78 South St., Jamaica Plain.

Fenelon St., nr. Merrill St., Ward 20, 2 1/2-sty fr. dwell., 37' x 37', gambrel roof, furnace; \$5,500; o. Michael C. Shea; b. Chute & Pratt; a. Jos. T. Green, 12 Pearl St.

Northern Park, nr. Dorchester Ave., 9 three-sty fr. dwells., 20' x 28', flat roof, stoves; \$23,000; o. & b., J. D. Stewart, 47 Wrentham St.

Templeton St., nr. Adams St., Ward 24, 9 three-sty fr. dwells., 20' x 28', flat roofs, stoves; \$23,000; o. & b., Herbert Cail, 876 Harrison Ave.

Charlotte St., Ward 20, two-sty fr. dwell., 34' x 38', pitch roof, hot water; \$6,500; o. Catharine T.

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(Houses Continued.)

McKenna; b., J. F. Mills, 22 Nightingale St., Dorchester. Virginia St., nr. Dudley St., Ward 16, two-sty fr. dwell., 36' x 40', pitch roof, furnace; \$3,000; o., Rosina B. Wheeler, 744 Dudley St. Spaulding St., Ward 23, three-sty fr. dwells., 24' x 44', flat roof, stoves; \$32,000; o., J. J. Flynn & J. C. Daly; b., Martin Flynn, Wolsey Block, Jamaica Plain. Kent St., Ward 19, three-sty fr. dwell., 34' x 40', flat roof, stoves; \$4,800; o., Lyman Clark, Brookline; b., G. Fred Crosby, 110 Tremont St. Moore St., Ward 24, two-sty fr. dwell., 25' x 42', pitch roof, furnace; \$4,500; o., Chas. S. Bird, 23 State St.; b., A. M. Bowser. Huntington Ave., nr. Parker Hill, Ward 22, 3 four-sty bk. dwells., 22' x 45', flat roof, stoves; \$20,000; o. & b., Morris Gutlon, 13 Montrose St. Commonwealth Ave., No. 485, Ward 11, bk. dwell., 24' x 72', flat roof, furnace; \$20,000; o., Dr. A. Coolidge, Jr.; b., J. G. Mainland; a., R. Clifton Sturgis. High St., nr. Bigelow St., Ward 25, two-sty fr. dwell., 26' x 33', pitch roof, steam; \$4,500; o. & b., Albert E. French, 15 Court St. Sumner St. and Sumner Court, Ward 20, 7 two-sty fr. dwells., 24' x 37', pitch roof, furnaces; \$20,000; o., Benj. S. Frost; b., Carl F. Monk, 8 Nonquit St. Armandine St., No. 11, Ward 24, three-sty fr. dwell., 25' x 62', flat roof, stoves; \$4,500; o. & b., Norman Clark, 61 Thetford Ave., Dorchester. W. Third St., Nos. 242-44, Ward 13, 2 three-sty fr. dwells., 21' x 47', flat roof, stoves; \$8,000; o., Thomas Connors, 382 Fourth St.; b., A. J. Hall. W. Park St., cor. Kilton St., Ward 20, three-sty fr. dwell., 26' x 58', flat roof, stoves; \$5,000; o. & b., Fred J. Rockwell, 12 Leonard St., Dorchester. Chauncy Pl., nr. Washington St., Ward 22, two-sty fr. dwell., 34' x 24' x 49', pitch roof, furnace; \$5,000; a., A. F. Arnold; b., Chas. H. Wetmore, 4 Mills St. Greenwood St., nr. Harvard St., Ward 20, 3 three-sty fr. dwells., 29' x 49', pitch roof, furnaces; \$16,000; o. & b., Wm. A. Davidson, 190 Harvard St. Forest Hill St., nr. Washington St., Ward 23, two-sty fr. dwell., 24' x 54', pitch roof, furnace; \$4,500; o., Anna McDonald; b., Dougal McDonald. Romsey St., nr. Sydney St., Ward 20, two-sty fr. dwell., 27' x 54', pitch roof, furnace; \$4,500; o., Mary Whiteacre; b., R. W. Whiteacre, 2 Alexander St. Roseclair St., nr. Dorchester Ave., Ward 16, three-sty fr. dwell., 28' x 40', flat roof, stoves; \$3,500; o. & b., James A. Boyd, Pond St., Dorchester. Atherwood St., Ward 20, 6 two-sty fr. dwells., 29' x 34', pitch roof, furnaces; \$30,000; o., Frank Vose, 701 Tremont St.; b., J. R. McPherson. Clarkson St., nr. Barrington St., Ward 20, two-sty fr. dwell., 26' x 50', pitch roof, furnace; \$6,000; o. & b., J. Bulley, 68 Clarkson St., Dorchester. Hillside St., nr. Calumet St., Ward 19, two-sty fr. dwell., 25' x 50', pitch roof, stoves; \$5,000; o., Catherine Casey; b., P. W. Booth. Marcella St., nr. Highland St., Ward 22, three-sty fr. dwell., 25' x 48', flat roof; \$5,000; o., Edw. A. Finnin; a., S. Rantin & Son. Lauriat Ave., nr. Blue Hill, Ward 24, 3 two-sty fr. dwells., 28' x 48', pitch roofs, furnaces; \$14,000; o., Mrs. Richard Mullen; b., Wm. Mullen.

BUILDING INTELLIGENCE.

(Houses Continued.)

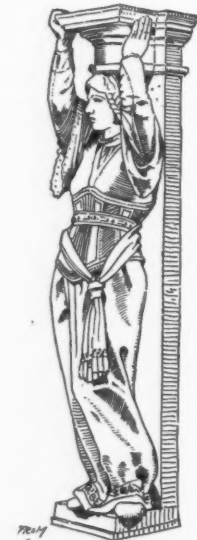
Lambert Ave., nr. Rockledge St., Ward 21, three-sty fr. flats, 22' x 46', flat roof, steam; \$6,000; o., Mary A. McGowan; a., T. E. Sheehan. W. Fifth St., cor. C. St., Ward 13, three-sty fr. dwell., 26' x 39', flat roof, stoves; \$4,500; o., J. A. Devine; b., Martin Kent. Cherokee St., nr. Pontiac St., Ward 19, two-sty fr. dwell., 26' x 52', pitch roof, furnace; \$5,000; o., John M. Kelley, Hyde Park; a., Saml. Rantin & Son. Brookline, Mass.—Brookline and Ferry Sts., three-sty fr. dwell., 24' x 52', shingle roof, furnace; \$5,500; o., Sarah M. Cantwell; b., P. J. Cantwell. Buffalo, N. Y.—Oakdale Pl., No. 37, 2 1/2-sty fr. dwell., 35' x 56', hip roof, furnace; \$8,000; o., W. H. Hotchkiss; a., Lansing & Beier; not let. Cambridge, Mass.—Walden and Sherman Sts., three-sty fr. dwell., 58' x 54', flat roof; \$6,000; o., Lydia A. Masse, 254 Walden St.; a. & b., Frank Joyal, Trask St., Newtonville. Buena Vista Park, 2 1/2-sty fr. dwell., 24' x 36', pitch roof, furnace; \$5,000; o. & b., Geo. J. Skilton, 42 Cedar St., Somerville. Inman St., No. 123, three-sty fr. dwell., 28' x 53', flat roof, furnace; \$4,500; o., W. H. Smith, 123 Inman St.; b., E. T. Dooley, 32 Market St. Dana St., No. 26, two-sty fr. dwell., 35' x 38', shingle roof, furnace; \$5,000; o., L. M. Hastings, 25 Dana St.; b., E. O. Brock; a., C. Herbert McClare. Langdon St., No. 22, two-sty fr. dwell., 32' x 43', shingle roof, furnace; \$5,300; o., F. S. Harlow, 20 Langdon St.; b., B. N. Merrill. Brooklyn, N. Y.—Clarkson St., nr. Irving Pl., 2 1/2-sty fr. dwell., 30' x 60'; \$10,000; o., Mrs. Wm. M. Tebo, 828 Flatbush Ave.; a., J. A. Davidson, 828 Flatbush Ave. Chicago, Ill.—Warren Ave., two-sty bk. & st. dwell., 25' x 50'; \$5,000; o., B. F. Dare; a., W. N. Van Kenren, 84 La Salle St.; not let. Kenesaw Terrace, two-sty bk. dwell.; \$7,500; o., W. W. Butterfield; a., Jenney & Mundie; not let. Pine Grove and Irving Park Boulevard, 2 1/2-sty bk. dwell., 58' x 50', tile roof; \$35,000; o., W. J. Bulger; a., Wilson & Marshall, 218 La Salle St.; not let. State St., bet. Burton Pl. & North Ave., three-sty base & cellar, st. dwell., 38' x 80'; \$18,000; o., W. F. McLaughlin; a., Fredk. W. Perkins, 115 Monroe St.; not let. Grand Boulevard, nr. 43d St., three-sty st. dwell., 27' x 82'; \$15,000; o., Herman Oberndorf; a., H. L. Ottenheimer, 1201 Fort Dearborn Building. Cornell Ave., No. 5124, three-sty bk. dwell., 32' x 57', slate roof, steam; \$10,000; o., A. B. Mulvey; a., Brainerd & Holeman, 1117 Association Building. Colorado Springs, Col.—Two-sty fr. dwell.; \$14,000; o., F. H. Mosley; a., Varian & Sterner. Detroit, Mich.—Elliott St., two-sty bk. & st. dwell., 35' x 80', flat roof, furnace; \$5,000; o., Rowen & Rathbone, 27 Moffat Building; a., A. W. Varney. Hancock Ave., two-sty bk. & st. terrace of nine dwells., 68' x 164', flat roof, furnace; \$25,000; o., Susan Schwartz; a., J. E. Mills, 802 Chamber of Commerce. Dracont, Mass.—2 1/2-sty fr. dwell., 30' x 50', pitch roof, hot air; \$5,000; o., Calvin Richardson; a., George G. Adams, Lawrence.

BUILDING INTELLIGENCE.

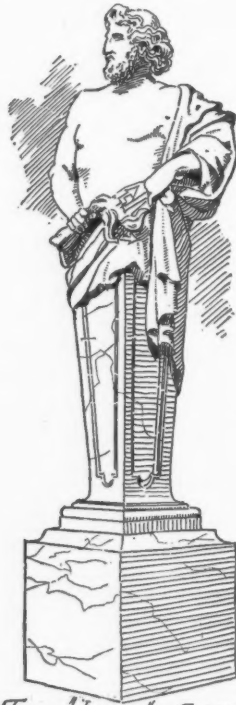
(Houses Continued.)

Fort Wayne, Ind.—Rockhill and Berry Sts., three-sty fr. dwell., pitch roof, hot water; \$6,000; o., T. F. Thieme; a., Grindle & Weatherhogg. Haverhill, Mass.—Hamilton St., 2 1/2-sty fr. dwell., 40' x 54', pitch roof, hot water; \$6,000; o., George W. Griffin; b., E. H. George. Mt. Washington, 2 1/2-sty fr. dwell., 30' x 50', shingle roof, hot air; \$4,000; o. & b., Augustine Bourneau. Louisville, Ky.—Chestnut and Twenty-eighth Sts., 11 two-sty bk. dwells.; \$36,000; o. & b., William Bennett. Milwaukee, Wis.—Martin St., two-sty fr., bk. cased dwell., 40' x 53'; \$7,000; o., Mrs. Edw. P. Alins; b., William Winter; a., Ferry & Glas. Minneapolis, Minn.—Kenwood Parkway, 2 1/2-sty fr. dwell., 40' x 55', pitch roof, furnace; \$6,000; o., B. R. Coppage; b., Dissette-Crichton Co.; a., Bertrand & Chamberlain. Newton Centre, Mass.—Pleasant St., 2 1/2-sty fr. dwell., 30' x 40', hip roof, fireplaces; cost about \$6,500; a., Gay & Proctor, Boston; not let. New York, N. Y.—One Hundred and Nineteenth St., e 7th Ave., 5 three-sty bk. dwells., 20' x 56'; total cost \$80,000; o., C. McDonald, 150 W. 78th St.; a., A. H. Taylor. One Hundred and Eighty-fifth St., nr. Wadsworth Ave., 2 three-sty & base. bk. & st. dwells., 17' x 62'; \$24,000; a., Bernstein & Stone, 145 Centre St. Portchester, N. Y.—King St., 2 1/2-sty fr. dwell.; \$5,000; o., Mr. Remsen, 133 Main St.; a., Martin Barripl, Main St. 2 1/2-sty fr. dwell.; \$5,000; o., Dr. Tooker, Main St.; a., Martin Barripl. 2 1/2-sty fr. dwell.; \$5,000; o., Willis Clark, Main St.; c., Gardner Sherwood. Providence, R. I.—Blackstone St., three-sty fr. dwell., 28' x 54', comp. roof; \$4,500; o., a. & b., John Hilgerson, 152 Beacon St. Wayland Ave., 2 1/2-sty fr. dwell., 32' x 50', shingle roof, hot air; \$6,000; o., Chas. R. Makepeace, P. O. Box 973; a., C. A. Hall; b., B. F. Smith, Pawtucket. Wendell St., 2 1/2-sty fr. double dwell., 30' x 50', shingle roof, hot air; \$5,000; o., Frank Keegan, Messer St.; a. & b., Bowen & Doane. Peace St., 2 1/2-sty fr. double dwell., 29' x 48', shingle roof, foundation in, hot air; \$4,500; o., Walter A. Presbrey, 142 Pearl St.; a. & b., A. A. Presbrey & Son. Waldo St., 2 1/2-sty fr. dwell., 40' x 60', comp. roof, hot air; \$5,000; o., Emma F. Doty, 91 Vinton St.; b., New England Building Co. Peace St., 2 1/2-sty fr. dwell., 32' x 50', shingle roof; \$7,500; o., Wm. Williams, 126 Matthewson St.; a., W. H. Colwell. Angell St., 2 1/2-sty fr. dwell., 31' x 50', comp. roof; \$5,000; o., Walter A. Peck, 556 Atwells Ave.; b., W. E. Rowan; a., Martin & Hall. Angell St., 2 1/2-sty fr. dwell., 32' x 56', pitch roof, hot water; \$6,000; o., George T. Baker; b., Moses Budlong; a., James Shaw, 12. Salem, Mass.—Laurel St., two-sty fr. dwell., 32' x 47', shingle roof, furnace; \$5,000; o., C. A. Evans; b., K. W. Handy; a., J. W. Paine, Boston.

[Continued on page xvii.]



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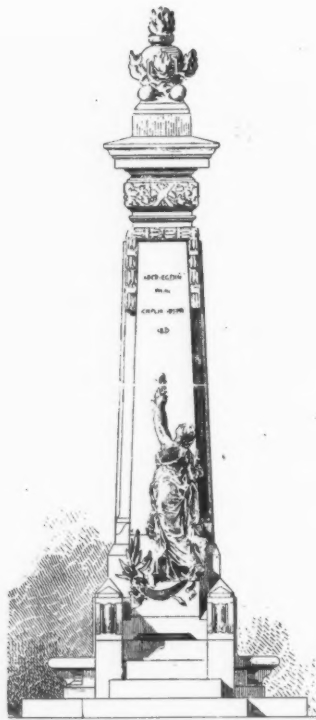
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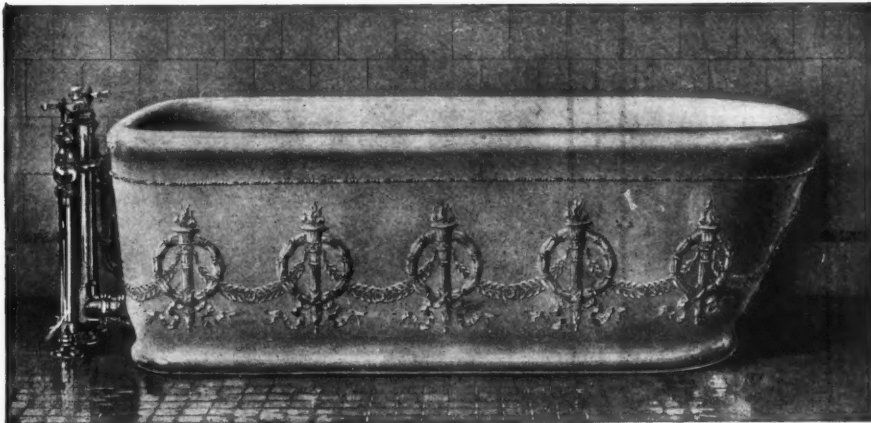
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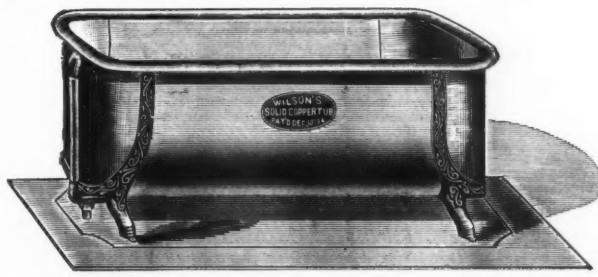
BUILDING INTELLIGENCE.

(Houses Continued.)

North St., 2½-st'y fr. dwell., 40' x 57', shingle roof; \$6,000; o., W. S. McIntire & Co.; b., Pitman & Brown; a., W. D. Dennis.
Shellman, Ga.—2½-st'y bk. & fr. dwell.; \$6,000; o., Mrs. C. T. Shellman; b., Hall & Son; a., Bruce & Morgan, Atlanta.
South Orange, N. J.—Montrose Ave., 2½-st'y fr. dwell., 28' x 42.6'; \$5,500; o., Isabella Whyte, East Orange; a., Henry Firth.
St. Louis, Mo.—Two-st'y fr. dwell., 32' x 53', Flora St. nr. Russell St.; \$6,000; o., Helen Endres, 1817 La Salle St.; b., H. L. Peters.
 Three-st'y store & dwell., 44' x 74', Hodiarnont & Easton Sts.; \$6,000; o., P. P. Helle, on premises; b., J. H. Schaub, 6226 Maple St.
 2½-st'y dwell., 42' x 35', Raymond St., bet. Clarendon & Union Sts.; \$6,000; o. & b., Saml. S. Pomeroy, 5126 Fairmount St.; a., Dunham & Howard.
 Two dwells., 22' x 53', Delmar St., bet. Clarendon & Union Sts.; \$9,000; o. & b., S. S. Pomeroy; a., Dunham & Howard.
 Two-st'y dwell., Cote Brillante, s, w Hamilton St.; \$5,000; o., J. H. Lamping.
 Two two-st'y dwells., n s Maffitt St., bet. Warne & Sarah Sts.; \$5,000; o., John R. Lanigan.
 Three-st'y st. dwell., 45' x 60', Lindell Boulevard, nr. Newstead St., tile roof, steam; \$50,000; o., W. H. Thompson, 3645 W. Pine Boulevard; a., Isaac S. Taylor, Columbia Building.
Summit, N. J.—Boulevard, 2½-st'y fr. dwell., 40' x 44'; \$10,000; o., Dr. W. H. Lawrence; a., R. K. Shaper.
 Elm St., 2½-st'y fr. & st. dwell., 39.8' x 34'; \$5,000; o., Thos. Littell; a., J. N. Cady.
 Maple and Oak Sts., 2½-st'y fr. & st. dwell., 39.8' x 34'; \$5,000; o., Frank Littell; a., J. N. Cady.
Tarrytown, N. Y.—Grove St., two 2½-st'y fr. dwells.; \$5,000 each; o., W. H. Miller, 402 Washington St., New York City; a., J. M. Purdy.
Tuxedo, N. Y.—2½-st'y fr. dwell.; \$15,000; o., Herman Vogel, 476 Broome St., New York City; a., Adams & Warren, 111 Fifth Ave., New York City.
Washington, D. C.—Massachusetts Ave., No. 1728, three-st'y & base, st. & bk. dwell., 28' x 80', slate roof, hot water; \$18,000; o., Wharton E. Lester; a., Fredk. W. Carlyle & Co.
 Thirteenth St., Columbia Heights, 3 three-st'y & base, bk. & st. dwells., 18' x 70', flat roofs, hot water; \$18,000; o., Leroy C. Morris; a., N. T. Haller, 1216 F St., N. W.
Washington Valley, N. J.—Two-st'y fr. dwell., with addition; \$5,000; o., Chas. R. Whitehead, Morristown; a., Arthur S. Pierson, Morristown.
Westboro, Mass.—2½-st'y fr. dwell., 28' x 47', shingle roof, hot water; \$5,000; o., Geo. H. Rogers; a., Barker & Nourse, Worcester; not let.
Wheeling, W. Va.—Wooddale, 2½-st'y dwell.; \$25,000; o., E. R. Hearne; b., E. M. Holliday Planning Mill Co.; a., Franzheim, Gliesey & Faris.
Winthrop, Mass.—Cottage Park Road, 2½-st'y fr. dwell., 40' x 48'; \$5,000; o., C. F. Hargraves; a., E. P. Morse, Boston; not let.
Worcester, Mass.—North Ave., two-st'y fr. dwell.;

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(Houses Continued.)

\$6,000; o., Mary E. S. Sinclair; a., Barker & Nourse; c., J. I. Elliott.
 Highland St., two-st'y fr. dwell., 32' x 60'; \$7,000; o. & c., C. O. Blake.
 Florence St., three-st'y fr. dwell.; \$5,000; o., Thomas Butler; a., A. J. Harrington; c., J. A. Caurtemanche.
 Maywood St., three-st'y fr. dwell., 28' x 69'; \$7,500; o., E. J. McMahon; a., Geo. H. Clemence; c., Thomas Barrett.
 Mill St., two-st'y fr. dwell.; \$5,000; o., Mrs. A. Lyon; c., Geo. H. & L. W. Rice.
Yonkers, N. Y.—Hillcrest Ave., nr. Lakeside Ave., 2½-st'y fr. dwell., 33' x 44'; \$6,000; o., American Real Estate Co. (E. K. Martin, 280 Broadway, New York City, president); a., F. W. Beal.
LIBRARIES.
Brooklyn, N. Y.—Bedford Ave., nr. Atlantic Ave., three-st'y library building, 59' x 80', pressed bk., st. trimmings, comp. roof, steam; \$60,000; o., Kings County Medical Society; a., Waid & Cranford, 1314 Ashland Block, Chicago, Ill.; not let.
MERCANTILE BUILDINGS.
Haverhill, Mass.—Five-st'y bk. & iron block, 50' x 100', comp. roof, steam; \$25,000; o., D. D. & A. W. Chase; b., Wescott & Shannon and Thomas Cook; a., J. M. Littlefield.
New York, N. Y.—Elm St., cor. Duane St., ten-st'y fireproof store & loft-building, 50' x 70'; \$150,000; o., Stewart Estate, Wm. A. White & Son, agents, 115 Broadway; a., Albert Wagner.
Springfield, O.—E. Main St., No. 7, business-block; \$10,000; o., J. L. Zaimernan; a., Robert Gotwald.
OFFICE-BUILDINGS.
Butte, Mont.—Six-st'y & base, fireproof department store & office-building, 82' x 188', two stories granite & upper four stories of bk. construction, comp. roof, steam heat; \$250,000; o., Marcus Daley, Anaconda; a., Fredk. Kees, 602 Kasota Building, Minneapolis, Minn.

BUILDING INTELLIGENCE.

(Office-buildings Continued.)

San Francisco, Cal.—Second and Mission Sts., six-st'y st. office-building, 160' x 112'; o., Wells, Fargo & Co.; a., Percy & Hamilton.
STABLES.
Akron, O.—Three-st'y bk., st. & fr. barn; \$15,000; o., Geo. Renner Brewing Co.; a., Wm. P. Ginther; not let.
Boston, Mass.—Rand St., nr. Gardner St., Ward 23, 1½-st'y fr. stable, 16' x 26', pitch roof; \$300; o. & b., Fred Perrin, on premises.
 Tremont St., No. 72, Ward 25, fr. stable, 28' x 17'; \$800; o., A. J. Moreshead; b., D. S. Beer, 47 Garden St.
 Woodstock Ave., nr. Summer St., Ward 25, fr. stable, 30' x 37'; \$1,100; o., John Kingston, on premises; b., Jas. Anderson.
 Arthur St., nr. Weld St., Ward 23, fr. stable, 24' x 30'; o., Fredk. Newton; b., S. T. Chipman.
 Ford St., nr. Saratoga St., Ward 1, fr. stable, 35' x 26'; \$1,000; o., Frank Vesce; a., W. H. Granger, 27 School St.
Cambridge, Mass.—Fifth St., No. 179, two-st'y bk. stable, 31' x 80', flat roof; \$4,000; o., A. H. Granstein; b., J. A. McIsaacs, 5 Washington St.
Chicago, Ill.—Halsted St., nr. 43d St., two-st'y fr. stable, 70' x 160'; \$8,000; o. & b., Union Stock Yards T. Co.
Jersey City, N. J.—Morgan St., nr. Henderson St., one-st'y bk. stable; \$5,500; o., Bush Bros.; a & b., Mars & Branagan, 202 Grove St.
Louisville, Ky.—Broadway, two-st'y bk. stable; \$1,000; o. & b., Solomon Levy.
Lynn, Mass.—Newhall Wharf, 1½-st'y fr. stable, 20' x 42', 8 stalls, shingle roof; \$1,000; o., O. E. Lewis, premises; private plans; b., J. A. McPhail.
New York, N. Y.—Eleventh Ave., n 63d St., three-st'y bk. stable & store, 75' x 95'; \$25,000; o., Frederick Egler, Jr., 398 St. Nicholas Ave.; a., J. Beckell & Son, 54 Bond St.

(Continued on page xix.)

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PROPOSALS.
Treasury Department, Office Supervising Architect Washington, D. C., November 4, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of November, 1897, and opened immediately thereafter, for all the labor and materials required to place in position complete a tower clock for the United States Post-office building at Washington, D. C., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Washington, D. C. 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. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Tower Clock for the United States Post-office, Washington, D. C.," and addressed to JAMES KNOX TAYLOR, Supervising Architect. 1143

PROPOSALS.
SCHOOL. [At Petosky, Mich.]
Bids are wanted November 20 for erecting a new school building in Greenwood District No. 3. J. PRIVATT, Chmn. Bldg. Com. 1142
JAIL. [At Magnolia, Miss.]
Proposals will be received until December 6 for remodeling the Pike County Jail. W. C. VAUGHN, Clerk. 1144
Treasury Department, Office Supervising Architect, Washington, D. C., October 27, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 30th day of November, 1897, and opened immediately thereafter for all the labor and materials required for the completion of the interior finish of the United

PROPOSALS.
States Post-office, Washington, D. C., in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Superintendent at Washington, D. C. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Completion of Interior Finish to the United States Post-office, Washington, D. C.," and addressed to the Supervising Architect. 1142
SCHOOL-HOUSE. [At Malden, Mass.]
It is reported that bids are wanted November 17 for the erection of a school-building, cost about \$40,000. WM. H. HAWLEY, Clerk of the Committee. 1142

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Nashua, N. H. — Three-st'y bk. home, 69' x 100', slate roof, steam; \$20,000; o., Hunt Home for Aged People, Charles H. Burke, Chairman of Building Committee; a., Wm. M. Butterfield, Manchester.

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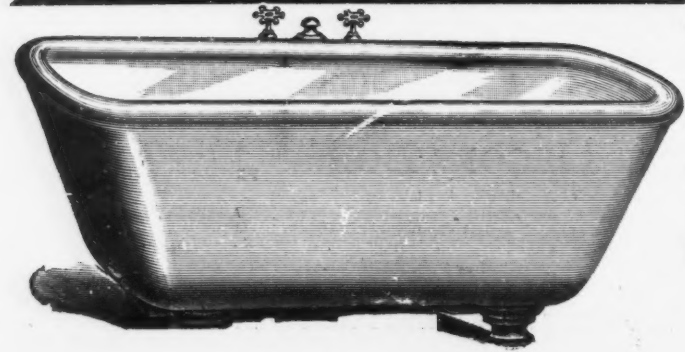
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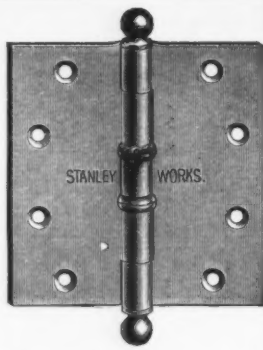
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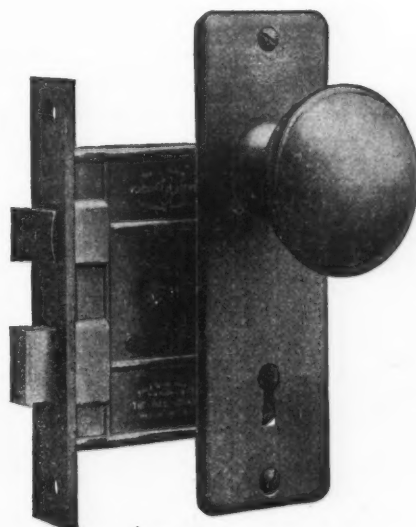
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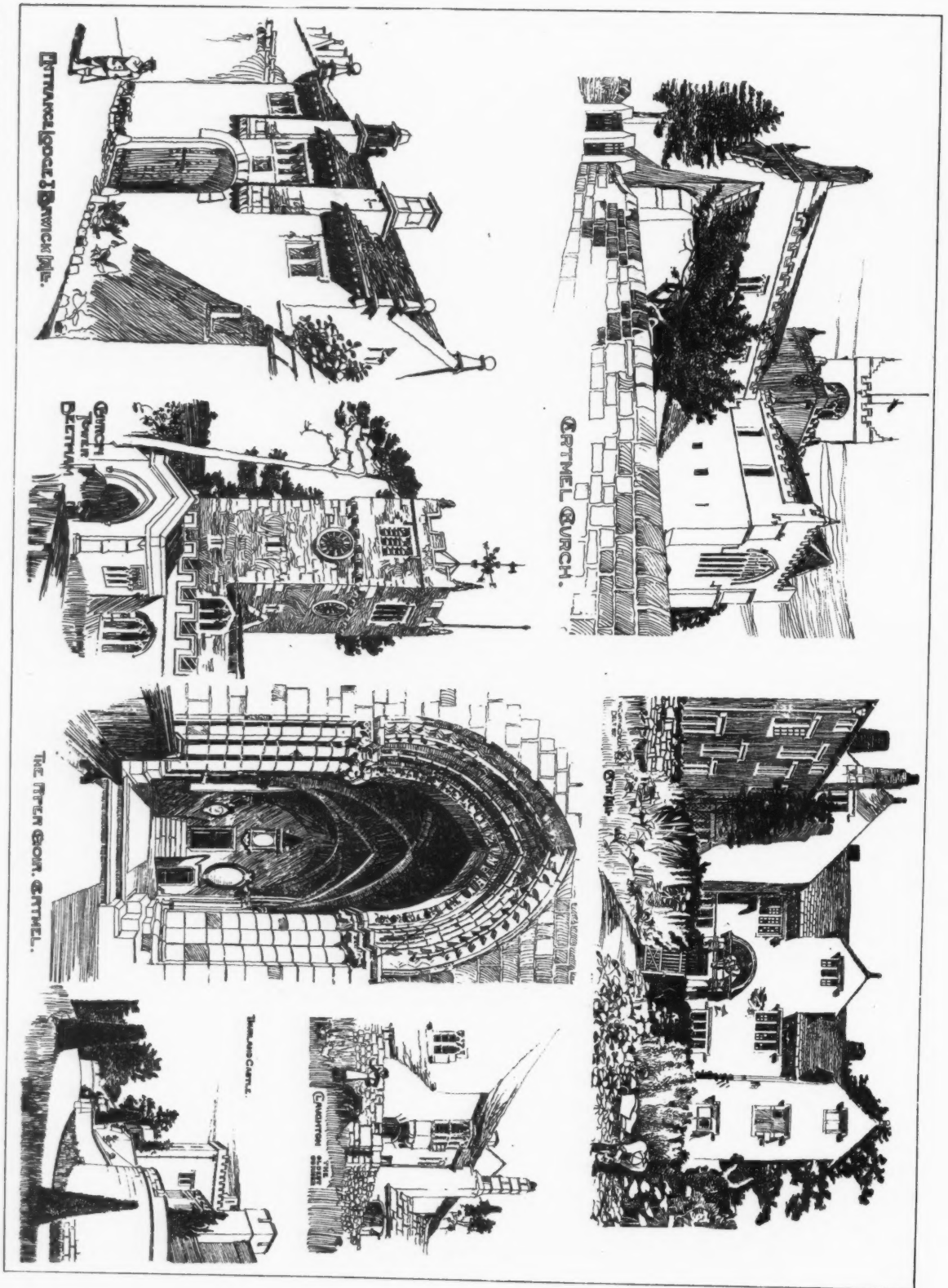
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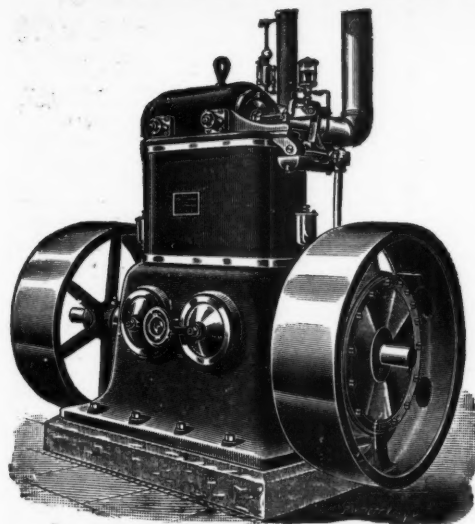
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It is also a further emphatic endorsement of the continued popularity and success of Westinghouse engines in foreign parts, where our trade has grown to be an important part of our business.

Domestic buyers in the market for steam power would do well to consider why Westinghouse engines at American prices, freight, etc., added, can be profitably used in England.

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M. R. MUCKLE, Jr. & CO., 210 Drexel Building, Philadelphia.
D. A. TOIPKINS CO., No. 38 College St., Charlotte, N. C.
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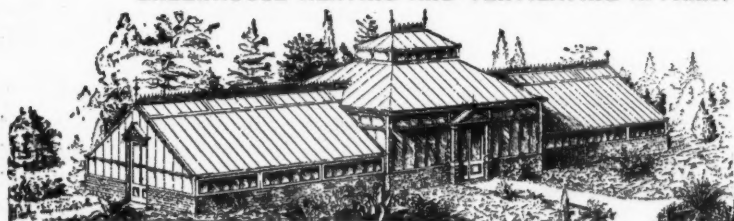
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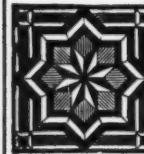
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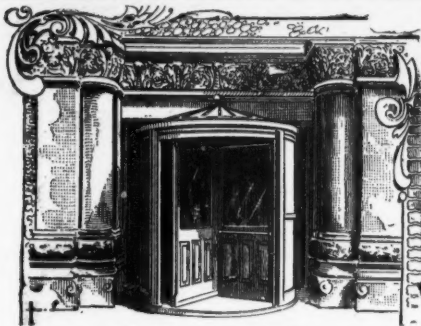
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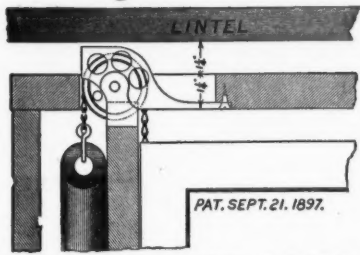
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"A door that has no springs, no weights, no checks;
"Never needs closing, can not be left open, blown open, or slammed;
"Keeps out all wind, snow, rain and dust, while persons are passing in and out"

QUEEN OVERHEAD PULLEYS.



PAT. SEPT. 21, 1897.

Architects will note out above. It represents a 2 1/2-inch pulley, and only requires 2 1/2 inches head-room from top of sash.

No Extra Head-room Needed. No Grooving of Sashes. No Lead Weights.

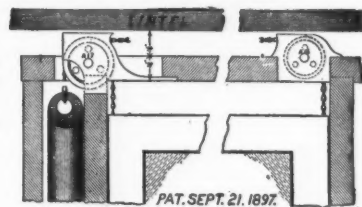
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No iron or steel work in any building will interfere with the perfect action of the Queen Pulley.

Used in all the principal new buildings in New York City.

Send for Catalogue and Price List.

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Designed to do away with the mullion pocket in twin windows. Are operated by one weight and give from 6 to 8 inches more glass space than by ordinary methods. Space necessary above window head ONLY 1 1/4 INCHES, or 2 1/2 inches from top of sash.

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Advertising rates: For "wants" and "proposals," 15 cents per line (8 words to the line), each insertion. 50 cents the least charge. Other rates on application.

New Advertisements.

QUEEN SASH BALANCE CO. (New York, N. Y.), Overhead Pulleys. 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.
- New York Belting & Packing Co.
- T. W. Jones.
- Okonite Co.
- Samson Cordage Works.
- H. B. Smith Co.
- N. & G. Taylor Co.
- Union Akron Cement Co
- E. Thiele.

See the first issue of the month for the following advertisements: —

- Alsen's Portland Cement Works.
- Atlas Cement Co.
- T. H. Brooks & Co.
- Folsom Snow Guard Co.
- R. Wilson Parry.
- Wm R. Pitt.
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POSITION. — By an all-round draughtsman and designer, number of years' experience in ecclesiastical work. Good references. Address "H. J." care of American Architect. 1144

WANTED.

PARTNER. — Architect, graduate, of extensive foreign study and travel, long practical experience in handling large works of Classical and modern design, successful in competitions, with valuable social connections, desires to associate himself with other architect possessing capital, for the purpose of establishing a leading firm, preferably in New York. Address "L. M., 35," care American Architect. t.f.

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Plans and estimates furnished on application, for Greenhouses, Conservatories, and all kinds of Horticultural Buildings, erected complete with our patent iron construction; or for material only, ready for erection.

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WANTED. — A purchaser for a first-class architect's office in a prosperous Illinois city of 30,000, with excellent country surroundings, splendid location for a live man, satisfactory reasons for selling. Address "J." care of American Architect. 1144

ARCHITECTS' REMOVALS, Etc.

MORGAN M. RENNER, architect, has removed from 30 E. 14th St. to the Hartford Building, Union Sq., New York City. 1143

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for five cents.]

- 593,185. CONDUCTOR-PIPE. — Warren W. Baird Pittsburgh, Pa.
- 593,196. APPARATUS FOR TREATING GARBAGE. — Cyrus C. Currier, Summit, N. J.
- 593,200. SAFE OR VAULT. — Geo. L. Damon, Boston, Mass.

(Continued on page x.)

SEND FOR SAMPLES OF THE NEW ROOFING. ALL ASBESTOS. H. W. JOHNS M'FG CO., 100 WILLIAM STREET, NEW YORK. CHICAGO, PHILADELPHIA, BOSTON.

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—the best place in the city. We take them while
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For ARCHITECTS and CONTRACTORS
Accurately TYPE-WRITTEN.
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MISS STEARNS, 15 Court Square, Boston.

BUILDING PATENTS.

- 593,202. FOLDING BRACKET FOR BUILDERS' USE. — Clayton M. Dearford, ynd, Mass.
- 593,225. PIPE-CLEANING APPARATUS. — Athol B. Macklin, New York, N. Y.
- 593,233. DOOR-BELL. — Walter B. McAshan, Fort Madison, Ia.
- 593,236. RULER AND TRACER FOR ARCS OF CIRCLES. — Ellis B. Noyes, Portsmouth, Va.
- 593,260. SAFETY DEVICE FOR ELEVATORS. — Jabez L. Welsh, Philadelphia, Pa.
- 593,297. BOILER. — Werten C. Higgins, Norwich, Conn.
- 593,303. CHIMNEY. — Adolph Lemke, Minneapolis, Minn.
- 593,392. PORTABLE ELEVATOR. — Wm. E. Fitch, Philadelphia, Pa.
- 593,403. CONSTRUCTION OF STAIRWAYS. — Andrew N. Petersen, Brooklyn, N. Y.
- 593,407. EAVES-TROUGH HANGER. — Charles F. Thron, Toledo, O.
- 593,434. DEVICE FOR OPENING ELEVATOR-DOORS. — Joseph Rice, Chicago, Ill.
- 593,435. DOOR-FRAME. — Chas. Roehr, Bucyrus, O.
- 593,440. PROCESS OF TREATING METAL STRUCTURES. — Frank Shuman, Philadelphia, Pa.
- 593,472. HINGE. — Vespasian V. Hedges, Coffeyville, Kan.
- 593,492. HEATING-FURNACE. — Francis Peteler, Minneapolis, Minn.
- 593,507. KNOB ATTACHMENT. — Christian Bayer, New York, N. Y.
- 593,547. FIREPROOF FLOOR AND CEILING. — Chas. A. Balph, Pittsburgh, Pa.

BUILDING INTELLIGENCE.

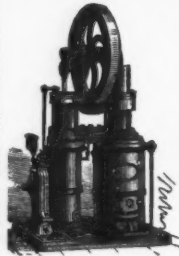
(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence 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.** — Plans for the new union station for the New York Central & Hudson River, Boston & Albany, Delaware & Hudson and West Shore Railroads have been prepared by Shepley, Rutan & Coolidge, of Boston. It is to be a two-sty' granite building of Classic design, 138' long and 52' high and will be located on Broadway, on the site of the Helevarn House.
- Atlantic City, N. J.** — The contract for constructing the new brick and stone church to be erected by the St. Paul M. E. Church in this city has been awarded to Smith & Steelman, this city, at \$30,000.
- Bayonne, N. J.** — Architect Hugh Roberts, of Jersey City, will prepare the plans for the new high school to be erected at this place. It will cost \$60,000.
- Brookton, Mass.** — The plans for the new high school have been submitted to the School Committee by Supt. Mitchell. It is arranged to build the school in three sections, one section at a time as needed. The first section, to be built at once, will cost \$40,000 approximately, and the whole structure, when completed will cost in the vicinity of \$100,000.
- Brooklyn, N. Y.** — A new brick and stone church will be erected by the German Reformed Church, this city. Competitive plans will probably be asked for. Rev. W. Boetcker, 507 Chestnut St., can be addressed for further information. Work will not be started before about May, 1895.
- The consolidated congregations of the Patchen and Rochester Ave. Churches contemplate erecting a new church building. A plot of ground was purchased for this project, but on account of its being too near the Bethesda Church will be sold and a new site selected. Rev. Dr. R. J. Kent, 605 Hancock St., has the matter in charge.
- The Board of Education has awarded the contract for the construction of the building for Public School No. 118, on 4th Ave., corner of 59th St., to William H. Port, 613 Lorimer St., his figure being \$72,995.
- Buffalo, N. Y.** — The City of Buffalo has given notice of intention to erect a public school building and have notified the Board of Public Works to prepare plans and advertise for bids for same.
- W. L. Schuolle, Elliott St. Sq., has made plans for a 2-sty' stone and frame house for Miss A. C. Jones. It will be 37' x 56' and cost \$11,000.
- Plans prepared by Architects Green & Wicks have been accepted for the new building for the Buffalo Savings Bank, to cost about \$300,000.

REDUCTION IN PRICES OF HOT-AIR PUMPING ENGINES.



THE RIDER-ERICSSON ENGINE CO. begs to announce that, having bought the businesses formerly conducted by

**RIDER ENGINE COMPANY and
DE LAMATER IRON WORKS,**

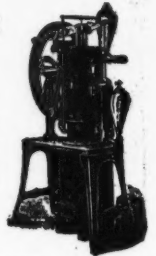
it has been enabled to reduce prices for RIDER AND ERICSSON HOT-AIR PUMPING ENGINES, and will be happy to send Catalogue "B" on application.

Branch stores have been opened in Boston and Philadelphia, at addresses given below, where stocks and samples will be carried, and an investigation of the engines is solicited.

RIDER-ERICSSON ENGINE COMPANY,

22 Cortlandt Street, NEW YORK.
191 & 193 High Street, BOSTON.

86 Lake Street, CHICAGO.
29 & 31 N. 7th Street, PHILADELPHIA.



ELEVATORS.

High-Grade Passenger and Freight.

SEND FOR CATALOGUE.

MORSE, WILLIAMS & CO.,
Philadelphia, Pa., U. S. A.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- Chicago, Ill.** — Thomas McCall has drawn plans for a three-sty' pressed-brick and stone apartment-house, 50' x 150', comp. roof, steam heat, to be located on Madison Ave., near 53d St.; estimated cost, \$40,000.
- The Emmet Memorial Hall, which is soon to be erected in this city, will cost about \$100,000. The structure will cover 75' x 135', the front will be constructed of rock-faced granite, and pressed-brick will be used for the remaining walls. The building will contain lodge-halls, an auditorium with a seating capacity of 2,000, and a gymnasium. No site has as yet been selected. The Ancient Order of Hibernians of Chicago have the matter in charge.
- Plans are being prepared for the new South Division High School, which will be erected on Prairie Ave. near 38th St.
- A 15-room addition will be added to Lake View High School.
- Cleveland, O.** — The old Crockier Block on Superior St. has been purchased by W. H. Price, Secretary of the Norwalk Savings Bank and Chas. H. Stewart of the Euclid Ave. Savings Bank, and will be remodelled at a cost of about \$30,000. The lower floor will be devoted to stores, the upper apartments will be made into office rooms.
- It is stated that the congregation of St. Francis Roman Catholic Church contemplates erecting a new edifice on Superior St. and Becker Ave., at an estimated cost of \$50,000.
- Local papers state that plans are being prepared by George B. Post, architect, of New York, for a twelve-sty' office-building to be erected on north side of Euclid Ave., corner of Public Square.
- Clyman, Wis.** — The Lutheran congregation will erect a large church and parochial school-house, work to commence at once.
- Columbus, O.** — John S. Woolcott has prepared plans for a new church, to be erected by the First Baptist Society, Rev. H. H. Barbour, pastor.
- Des Moines, Ia.** — Messrs. Callanan & Slimmer have offered to give the Home for the Aged \$25,000 each if the city will raise \$35,000. A new building, to cost about \$35,000, is stipulated.
- Dickson, Tenn.** — It has been decided to erect a new Episcopal Church, Rev. Alex. Patterson, Nashville.
- Faribault, Minn.** — It is stated that bonds to the amount of \$16,000 have been voted for erecting a new school-building.
- Fargo, N. D.** — There is a movement on foot for the erection of a large Episcopal Cathedral in this city, to be headquarters for the Church in this State.
- Galveston, Tex.** — Plans have been completed for the new school-building to be erected in the Denver re-survey. Additions will also be built to several other schools.
- Georgetown, Del.** — It is proposed to build a new jail here to cost \$25,000.
- Germantown, Pa.** — Mantel Fielding, Jr., 110 S. 4th St., Philadelphia, has made plans for a stable to be erected here for Henry Le Boutillier. The building will be of stone and fitted up with all modern conveniences.
- Grundy Center, Minn.** — It is stated that a new church, to cost about \$12,000, will be erected in the spring by the Presbyterian Society.
- Independence, Kan.** — The contract for the erection of the new county high school was awarded to M. P. T. Erect, Coffeyville, his bid of \$19,547 being the lowest of five. The entire cost of the building will be \$23,077. Work will commence about December 1.
- Joliet, Ill.** — Plans are now being prepared for the building of a \$30,000 Catholic Orphan's Home in this city. Sebastian Lager, Mayor, who is one of the directors of St. Francis Academy, is said to be interested.
- Kankakee, Ill.** — The Illinois Central Railroad has agreed to build a new depot to cost \$20,000.
- Kansas City, Mo.** — Van Brunt & Howe are making

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- plans for a three-sty' business block at the corner of 7th and Main Sts., to cost \$17,000. The property is owned by Cincinnati parties. They are also making plans for the remodelling of the Hotel Savoy, for another story and the lower floor to be remodelled, to cost \$30,000.
- Plans are now being prepared for a five-sty' office-building at the southwest corner of 8th and Delaware Sts. for Mr. Reed, and work on the foundation is progressing rapidly. Root & Siemens are the architects. The contract not let yet.
- Lowell, Mass.** — Local papers report that a syndicate composed of Boston and Lowell capitalists propose erecting a large six-sty' steel, brick and terra cotta apartment-house with stores on first floor. To front on Bridge St. and occupy the whole block, having archway entrances on both Page and Friend Sts.; Merrill & Clark, architects.
- Lynn, Mass.** — The Plan Committee of the Trustees for the new Shute Memorial Library have selected plans offered by G. A. Moore, 70 Kilby St., Boston. An estimate on the cost with the Moore plan places the cost of erection at \$175,000.
- Mattoon, Ill.** — At a meeting held at Decatur by the Board of Trustees of the Old Folks' Home of the Odd Fellows of the State, it was decided to build a home in this city early next spring.
- Merrill, Wis.** — Plans prepared by Philip Dean, architect, Appleton, for a parochial school to cost \$10,000, have been accepted. Contracts will be let about December 1. Rev. E. F. Van Hootengen, pastor.
- A company has been organized to erect a hotel at a cost of \$25,000, to replace the building recently burned.
- Miles City, Mont.** — A bonus of \$10,000 will be offered to induce the erection of a hotel building to replace the Macqueen. A building to cost \$25,000 is wanted.
- Milwaukee, Wis.** — The Board of Public Works will secure plans for an eight-room addition to the Fifteenth District School, at 20th St. and Cold Spring Ave., the cost not to exceed \$25,000.
- Montclair, N. J.** — The Methodist Church Society will build a new one-sty' and basement stone church to cost about \$30,000. Ten architects will compete. The plans are to be handed in on or before December 1st.
- New Britain, Conn.** — The committee on the proposed new library of the New Britain Institute, composed of Prof. D. N. Camp, John B. Talcott, A. J. Sloper and C. S. Landers, have held a meeting regarding details, and architects will be asked to submit competitive plans.
- Newburgh, N. Y.** — Plans are being prepared by State Architect I. G. Perry, Albany, for the alterations to the armory in this place; cost \$25,000.
- New Haven, Conn.** — B. Yapan is to erect two brick buildings, 35' x 65', six apartments each, corner of Christopher St. and Columbus Ave., at a cost of \$14,000.
- Lawrence F. Grady will build 2 three-sty' brick blocks on Columbus Ave. There will be two six-room tenements on each floor, having all modern improvements. They will cost about \$9,000 each.
- Mr. Grady contemplates building a similar block on Greenwich Ave.; architect C. W. Henn.
- New York, N. Y.** — The jury of awards in the final competition has selected the plans submitted by Carrère & Hastings, 44 Broadway, for the projected building of the New York Public Library — Astor, Lenox and Tilden foundations. The plans will not be made public until accepted by the Board of Estimate and Apportionment. The building will stand on the reservoir site, and, according to the terms of the competition, will have a frontage of 359' on 5th Ave. by 290' on 42d St.
- The plans of Carrère & Hastings, 44 Broadway, for the new Academy of Design have been accepted by the council of the Academy. It will be erected on the east side of Amsterdam Ave., extending from 109th to 110th St. Material will probably be white marble, having a front of 171' on the avenue

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BUILDING INTELLIGENCE.
(Advance Rumors Continued.)
with a depth of 200' on 109th and 110th Sts. It is to be two stories high on 110th St. and four stories high on 109th St. The site and buildings will cost about \$500,000. Construction will commence in the spring.
Northampton, Mass.—B. H. Seabury, of Spring field, is drawing plans for a handsome business block to be built by John T. Dewey. The block will be of pressed-brick, 100' x 100', with brownstone trimmings. Steam heat and open plumbing. There

BUILDING INTELLIGENCE.
(Advance Rumors Continued.)
will be five stores on the first floor, offices on the second and two large lodge-rooms on the third. No contracts let.
Patton, Pa.—Plans are being prepared for the erection of a new church for St. Mary's Catholic congregation; \$25,000.
Peoria, Ill.—The Peoria & Pekin Traction Co. proposes to build a union passenger station at a cost of \$150,000.
Perth Amboy, N. J.—The City has purchased a lot

BUILDING INTELLIGENCE.
(Advance Rumors Continued.)
at the corner of State St. and Pearl Pl., on which to erect a fire-engine house.
Philadelphia, Pa.—Hazelhurst & Huekel have prepared plans for a large church to be erected at 47th St. and Kingsessing Ave., for the Fourth Presbyterian Church. The building is to be 50' x 93', one st'y high of stone. No contracts have been let.
Cope & Stewardson are working on the plans and specifications for the new Law School for the University of Pennsylvania, before noted. Efforts are

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(Advance Rumors Continued.)

being made to raise \$200,000 for a new gymnasium.
Dull & Peterson, 1110 Walnut St., have plans for
two houses to be erected at Wyncoote. The pair
will cost \$15,000.

Plans are being prepared by Paul F. Elkinton, 211
S. 6th St., for a theatre building to be built at Lan-
caster Ave. and 40th St. It will be a brick and
stone fireproof structure, 75' x 250', and will cost
\$70,000.

A syndicate represented by William F. Harity,
president of the Equitable Trust Co., of this city,
will erect 50 double dwells on the east side of 63d
St. Estimated cost, \$500,000.

Plans have been prepared by Architect Charles
Balderson, 144 S. 4th St., for a ten-sty' buff-brick
and stone front, slow-burning construction office
and storage building, 100' x 100', to be built at 1210-
1212 Frankford Ave.

Pittsburgh, Pa.—The Messrs. Hartje Bros. will
construct an eight-sty' warehouse in this city.
Plans are being prepared by Architect Charles
Bickel, 53 Ninth St. It will be of fireproof con-
struction, have pressed-brick front, architectural
terra-cotta, asphalt roof, electric lights, elevators
and other appointments. The building will cost
\$40,000.

Portland, Ind.—Plans prepared by W. R. Brown,
architect, 222 W. 4th St., Cincinnati, O., for a new
church to be erected by the Methodist Episcopal
Society have been accepted. The new edifice will
cost about \$50,000.

Pottstown, Pa.—The Pottstown Brewery is to be
enlarged by the erection of a four-sty' addition.
New machinery will be introduced.

Reading, Pa.—The Boss Knitting Machine and
Textile Co., of this city, contemplate erecting an
additional four-sty' and basement brick and iron,
slate and slag roof building to their works. It will
cost about \$50,000.

Messrs. J. Kuts & Eck will build a factory for
manufacturing knitting and textile machinery. It
will be 60' x 100', brick, four stories high.

Ripon, Wis.—Plans prepared by Ferry & Glas, ar-
chitects, 419 Broadway, Milwaukee, for the Science
Hall to be added to Ripon College, have been ac-
cepted. The building will cover 85' x 110', three
stories high, and will cost \$35,000.

Saratoga, N. Y.—It is stated that H. M. Levenston
has offered to contribute \$25,000 toward the erec-
tion of a Y. M. C. A. building here, provided the
Association raises an equal amount.

South Norwalk, Conn.—Plans have been prepared
by Architect Harrison G. Lamson, Bridgeport, for
the new hospital to be built at this place for the
Norwalk Hospital Association. It is to cost \$20,000.

St. Louis, Mo.—Isaac S. Taylor has prepared plans
for a ten-sty' steel, stone and terra-cotta fireproof
Court-house projected for this city. The structure
will contain 12 elevators, electric-light and steam-
heating plants, and is estimated to cost \$1,500,000.

St. Paul, Minn.—W. B. Brewster is having plans
prepared for a store and flat-building to be erected
on Rice and Iglehart Sts. It will be 80' x 120', four
stories and basement, of pressed-brick, with cut-
stone trimmings.

The Great Northern Railroad Co. has contracted
for the erection of a car-shop and boiler-house at
West Superior, Wis., with Schmidt Bros., of that
city. The car-shop will be 100' x 360', and the
boiler-house 50' x 80'. The engineering department
is preparing plans for an engine repair-house and
other buildings, which will be erected as soon as

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the weather will permit. The total improvements
at West Superior by the company will cost \$100,000.

Toledo, O.—John Schmidt, contractor, has been
awarded the contract for an \$18,000 stone church
to be erected on Grand Ave., near Aburndale.

E. O. Fallis & Co., architects, Chamber of Com-
merce, have prepared plans for an \$18,000 stone
church to be built by the Christian Scientists at
the intersection of Lawrence and Grand Aves. and
Monroe St. Ground has been broken.

Upper Montclair, N. J.—Frank E. Wallis, 7 W.
30th St., New York City, has made plans for a
three-sty' stone parish house, 40' x 50', to cost \$10-
000, for the St. James Episcopal Society.

Washington, D. C.—Plans have been prepared by
Robert I. Fleming for the remodeling and enlarg-
ing of the Scottish Rite Temple. The feature of
the improvement will be a large apartment, 40' x
62', three stories and basement. The basement will
be used as a banquet hall, the first floor as a library
room, the second floor as a museum and the third
floor as a council chamber.

The company owning the Raleigh Hotel has pur-
chased the three houses on 12th St. adjoining the
present hotel building. The company will demolish
these buildings and build an addition to the hotel.
The construction will call for steel-frame and fire-
proofing. Mr. Edward J. Stelwagen, 1312 L St., is
at the head of the company.

Plans are being prepared for Wm. A. Kimmel for
a block of six houses to be erected on 18th St.,
between Kalorama and Belmont Aves. They are
to be three stories and cellar, 20' x 65', of brick
Hummelstown, brownstone trimmings and tiled
roofs, hot water heat. The cost is estimated at
\$45,000.

Plans are being prepared by Architect Edward
W. Donn, Jr., for an isolated hospital building for
the treatment of contagious diseases, to be erected
on the grounds of the Providence Hospital. It will
be built on the colonial style, three stories, 30' x
85', with flat front of red pressed-brick and Portage
sandstone, and will have pitched slate roof. The
interior will be heated from the plant of the present
hospital.

Washington, Pa.—Reports state that the follow-
ing six architects have been selected by the County
Commissioners to compete for the Court-house and
Jail plans: John W. Vester, of Washington; and
associates Orff & Gilbert, of Minneapolis; McCollum
& Ely, Washington; Wm. Kaufman, Pittsburgh;
F. J. Osterling, Pittsburgh; F. C. Sauer, Pitts-
burgh, and Rankin & Kellogg, Philadelphia.

Wheeling, W. Va.—The County Commissioners of
Wetzel County have engaged the firm of Franz-
helm, Glessey & Paris, architects, to prepare plans
for a complete modern jail, to cost about \$10,000.

ALTERATIONS AND ADDITIONS.

St. Louis, Mo.—Chestnut St., bet. 5th & 6th Sts.,
interior alterations to Laclède Hotel; \$9,000; o., J.
L. Griswold; c., Barnes & Hill.

APARTMENT-HOUSES.

Chicago, Ill.—Greenwood Ave., No. 6237, three sty'
st. flats, 49' x 66', comp. roof, steam; \$14,000; o.,
Richard Curran, 21 Quincy St.; a., John R. Stone,
148 Hartford Building.

Jackson Boulevard, three-sty' & base. bk. & st.
flats, 50' x 70', comp. roof, steam; \$17,000; a., Wm.
F. Pagels, 637 Unity Building

Hoboken, N. J.—River St., No. 122, five-sty' bk. &
st. office & flats, 27' x 115'; \$20,000; o., William Utz,

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(Apartment-Houses Continued.)

200 Hudson St.; a., H. Drosser, 2 Stone St., New
York City.

Milwaukee, Wis.—Cedar and Sixth Sts., bk. flats,
49' x 100'; \$15,000; o., Mrs. Caroline Scammon; c.,
Erdman Schultz; a., W. A. Holbrook.

New York, N. Y.—One Hundred and Fifty-fourth
St., nr. Courtlandt Ave., 2 five-sty' bk. & st. flats,
25' x 75'; \$32,000; o., Mrs. J. F. Steicher, 551 E. 161st
St.; a., David W. King, 111 Fifth Ave.

One Hundred and Twelfth St., cor. Fifth Ave., 4
five-sty' bk. & st. flats & stores, 100' x 100'; \$100,000;
o. & b., S. W. B. Smith, 11 W. 116th St.; a., Neville
& Bagge.

Suffolk St., Nos. 26-28, 2 five-sty' bk. & st. flat, 25'
x 84'; \$40,000; o., Wm. H. Mills; a., Samuel Sass,
25 Chambers St.

E. Fourth St., Nos. 223-27, 2 six-sty' bk., st. &
terra-cotta flats with stores, 30' x 96'; \$50,000; o.,
Polstein & Cohen, 197 E. Broadway; a., Bernstein
& Stone, 145 Centre St.

Washington Ave., nr. 167th St., 2 four-sty' bk. &
st. flats, 25' x 65'; \$25,000; o., Martha Brogan, 1208
E. 167th St.; a., Neville & Bagge.

One Hundred and Sixtieth St., nr. Melrose Ave.,
2 four-sty' bk. flats, 25' x 78'; \$24,000; a., J. W.
Limer, 2557 Third Ave.

CHURCHES.

Bankston, Ia.—Bk. & st. church, 54' x 154', slate
roof, steam; \$13,000; o., St. Clement's Roman
Catholic Church, Rev. W. A. Banfield, pastor; c.,
Byrne & Sawl, Dubuque; a., Guido Beck, Dubuque.

EDUCATIONAL.

Berlin, N. H.—Two-sty', six-room fr. school, 70' x
80'; \$10,000; o., Town; a., W. P. Regan, Lawrence,
Mass.; not let.

FACTORIES.

Cambridge, Mass.—Otis and Second Sts., four-sty'
bk. & st. building for furniture manufacturing, 50'
x 50', flat roof, steam; \$7,000; o., Irving & Casson,
East Cambridge; b., Henry McGahey.

St. Louis, Mo.—O'Fallon St., bet. 22d & 23d Sts.,
four-sty' bk. shoe factory, 60' x 130'; \$35,000; o.,
Burnes Estate; b., B. Weber & Son, 404 Market St.;
a., Isaac S. Taylor, 318 N. 8th St.

HOTELS.

Newtown, Conn.—Three-sty' fr. summer hotel, 35'
x 80', with L, 32' x 60'; \$15,000; o., Wm. A. Leonard;
a., David Bloomfield, Meriden.

New York, N. Y.—W. Thirty-fourth St., Nos. 116-
120, twelve-sty' iron & steel construction, bk. & st.
hotel, 80' x 100'; o., Knickerbocker Realty Improve-
ment Co., 156 Broadway; a., Ralph S. Townsend, 29
E. 19th St.

HOUSES.

Auburn Park, Ill.—Harvard Ave., nr. 73d St.,
three-sty' bk. & st. dwell., 23' x 64'; \$6,000; o., Chas.
Cooper; a., Smith & Johnson, 134 Van Buren St.

Boston, Mass.—Park St., nr. Washington St., Ward
20, two-sty' fr. dwell., 36' x 36', pitch roof, furnace;
\$5,000; o. & b., A. B. Worthen, 35 Kenwood St.
Brookford St., No. 45, Ward 16, three-sty' fr.
dwell., 28' x 57', flat roof, stoves; \$4,200; o. & b.,
Irving A. Clifford.

Guernsey St., nr. South St., Ward 23, two-sty' fr.

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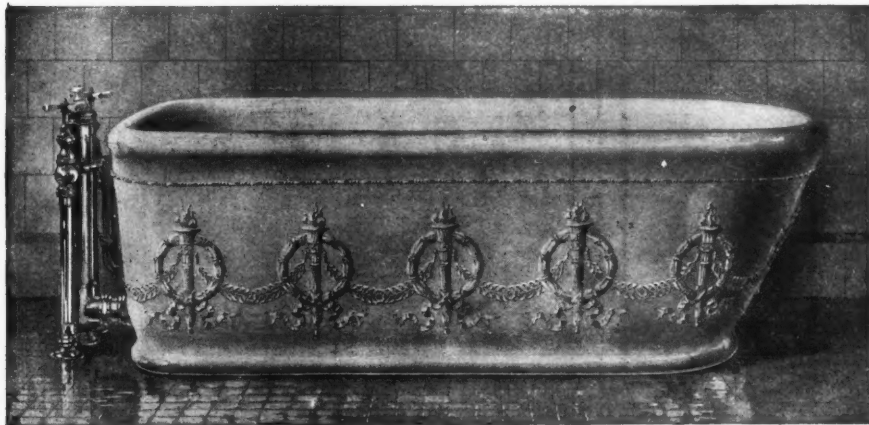
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(Houses Continued.)

dwelling, 21' x 29' x 44', pitch roof, hot water; \$5,000; o., John Vincent; b., McKenzie & Henderson, 124 Dartmouth St.

Wescott St., No. 9, Ward 20, two-st'y fr. dwell., 23' x 48', pitch roof, furnace; \$4,500; o., Linda S. West; b., H. F. McNeill.

Wabeno St., nr. Wyoming St., Ward 21, two-st'y fr. dwell., 29' x 51', pitch roof, furnace; \$4,500; o., Sarah Eaves; b., W. E. Morrison, 24 Warren St.

De Wolf St., nr. Pleasant St., Ward 20, two-st'y fr. dwell., 28' x 50', pitch roof, furnace; \$6,000; o., C. A. Powell; b., Fredk. Scofield, 42 Gramplan Way.

Frankfort St., nr. Maverick St., Ward 1, three-st'y fr. dwell., 25' x 53', flat roof, stoves; \$4,500; o., Frank D. Mas; b., L. S. Joslin, 218 Tremont St.

Kittredge St., No. 84, Ward 23, two-st'y fr. dwell., 28' x 48', pitch roof, furnace; \$4,500; o., Adelaide Young; b., M. H. Fossett, Roslindale.

Ormond St., No. 23, Ward 24, two-st'y fr. dwell., 33' x 38', pitch roof, hot water; \$7,000; o., Mrs. E. C. Capen; b., George S. Haddock, 657 Washington St., Dorchester.

Haure St., Nos. 265-67, 2 three-st'y fr. dwells., 21' x 49', flat roofs, stoves; \$8,000; o. & b., D. D. Fish, 62 W. Eagle St.

Spring Park Ave., nr. Centre St., Ward 22, two-st'y fr. dwell., 28' x 54', pitch roof, furnace; \$5,000; o. & b., G. Merg, 306 Centre St.

Marston St., nr. Everett St., Ward 25, 2 two-st'y fr. dwells., 26' x 53', pitch roofs, furnaces; \$10,000; o., Mrs. Louisa S. Marston; a., Fred A. Norcross, 110 Tremont St.; not let.

Chauncy Pl., nr. Washington St., Ward 22, 4 two-st'y fr. dwells., various dimensions, pitch roofs, steam; \$22,000; o., Sydney C. Whiting; b., Charles H. Wetmore, 4 Mills St.

Chauncy Pl., nr. Washington St., Ward 22, 2 1/2-st'y fr. dwell., 27' x 50', pitch roof, steam; \$5,000; o., A. H. Arnold; b., Charles H. Wetmore.

Summer St., nr. Summer Pl., Ward 20, two-st'y fr. dwell., 26' x 42', pitch roof, furnace; \$4,500; o. & b., Gipson & Knight, 180 Dudley St.

Kilton St., nr. Harvard St., Ward 20, four 2 1/2-st'y fr. dwells., pitch roofs, furnaces; \$16,000; o., Pendle & Silver; b., J. A. Silver & Co., 48 Congress St.

Sparhawk St., near Cambridge St., Ward 25, two-st'y fr. dwell., 38' x 39', pitch roof, furnace; \$7,000; o., Lucy A. Hayford, 11 Holyoke St.; a., Fred A. Norcross.

Glensay St., nr. Fowler St., Ward 20, 2 two-st'y fr. dwells., 24' x 63', pitch roofs, steam; \$12,000; o. & b., J. E. McCathan, Lynn; a., J. F. & G. H. Smith.

Brooklyn, N. Y.—**Lenox Road**, nr. Rogers Ave., 4 three-st'y bk. & st. dwells., 20' x 56'; \$30,000; o., Mr. Lyons, on premises; a., J. G. Corneal, 5 Court Sq.

Twenty-ninth St., nr. Avenue C, two 2 1/2-st'y fr. dwells., 38' x 48'; \$16,000; o., Daniel Moore, 879 Metropolitan Ave.; a., W. B. Wills, 17 Troutman St.

Bryn Mawr, Pa.—Three-st'y bk. dwell., 40' x 108', pitch roof, steam; o., Wm. H. Ramsay; a., Schermerhorn & Reinhold, 430 Walnut St., Philadelphia; not let.

Chicago, Ill.—**Prairie Ave.**, nr. 47th St., 4 three-

BUILDING INTELLIGENCE.

(Houses Continued.)

st'y st. dwells., total area 67' x 75', slate roofs, steam; \$35,000; o., Judson A. Tolman, 282 Wabash Ave.; a., Ira C. Saxe, 1341 Unity Building.

Fall River, Mass.—**Pleasant St.**, three-st'y fr. dwell., 28' x 50', shingle roof, hot water; \$5,000; o., M. Sullivan; b., Bernard McMuray.

Hope St., three-st'y fr. dwell., 26' x 58', pitch roof, furnace; \$5,000; o., James H. Hurst; b., McNulty & Hoag.

Bradford Ave., 2 1/2-st'y fr. dwell., 26' x 48', pitch roof, furnace; \$5,000; o., Catherine Hart; b., Chas. T. Cahoon.

Haverhill, Mass.—**Hamilton Ave.**, 2 1/2-st'y fr. dwell., 38' x 44', pitch roof; \$5,000; o., G. W. Griffin, 14 Main St.; b., E. H. George.

New Bedford, Mass.—**Moreland Terrace**, 2 1/2-st'y fr. dwell., 30' x 50', pitch roof, furnace; \$5,000; o., C. S. Knowles; a., Lewis H. Bacon, Boston; day-work.

Union St., nr. 5th St., 2 1/2-st'y fr. dwell., 30' x 40', pitch roof, hot air; \$5,000; o., First National Bank; b., John Bertram.

State St., 2 1/2-st'y fr. dwell., 50' x 54', shingle roof, hot air; \$5,000; o., J. A. Cronin; a., Saml. C. Hunt.

Empire and Park Sts., 2 1/2-st'y fr. dwell. & store, 30' x 40', pitch roof, furnace; \$5,000; o., J. T. Riley; a., Dalrymple & McIsaac.

Oak Park, Ill.—2 1/2-st'y bk. dwell., st. trimmings, 92' x 100', comp. roof, steam; \$20,000; o., John Farson; a., Geo. W. Maher, 218 La Salle St., Chicago.

Prairie Ave., Nos. 4233-43, 6 three-st'y bk. & st. dwells., each 20' x 60'; total cost, \$40,000; o., Mary W. Keith; a., Henry Bernitter, 112 Clark St.

Providence, R. I.—**Babcock St.**, 2 1/2-st'y fr. dwell., 35' x 50', shingle roof, furnace; \$5,000; o., Mrs. F. M. Ballou, 1323 Broad St.; b., Asa R. Ball; private plans.

Power St., three-st'y fr. dwell., 30' x 50', comp. roof; \$5,000; o., James Griffin, Fall River; a. & b., Rock & Bachand, Fall River.

St. Louis, Mo.—Two-st'y bk. dwell., Lindell St., bet. Newstead & Taylor Sts., 58' x 56'; \$30,000; o., Wm. H. Thompson, Bank of Commerce; c., A. E. Cook; a., Isaac S. Taylor.

Four two-st'y bk. dwells., Clemens Ave., bet. Belt & Clara Sts.; \$10,000; o., Thos. Manning.

Two-st'y brick dwell., Morgan St., bet. Academy & Clarendon Sts.; \$5,000; o., Shawmut Real Estate Co., 324 Chestnut St.

2 1/2-st'y bk. dwell., Walton St., bet. Fountain & Page Sts.; \$5,700; o., J. B. Anderson.

Three two-st'y bk. dwells., s s Cleveland St., bet. Spring & Vandeventer Sts.; \$10,500; o., H. W. Mephram.

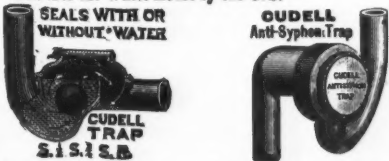
MERCANTILE BUILDINGS.

Springfield, Mass.—**Lyman St.**, three-st'y bk. & iron block, 50' x 100', comp. roof, steam; \$20,000; o., Springfield Power Co.; b., E. W. Shattuck; a., Gardner, Pyne & Gardner.

OFFICE BUILDINGS.

Chicago, Ill.—**La Salle Ave.**, Nos. 203-5, five-st'y pressed-bk. & st. office & laboratory building, 45' x 110', flat roof, steam; \$30,000; o., E. C. De Witt &

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Boston, Mass.—**Carmen St.**, nr. Faxon St., Ward 20, fr. stable, 22' x 24'; \$800; o. & b., Cummings & Morehouse.

Sycamore St., rear, No. 174, Ward 22, fr. stable, 30' x 30'; \$500; o., Bessie A. Field, on premises; b., J. H. Kelley.

Stanton St., nr. Evans St., Ward 24, 1 1/2-st'y fr. stable, 25' x 25', pitch roof; \$1,000; o. & b., A. L. Potter, 8 Stafford St.

Fall River, Mass.—**Globe and Vale Sts.**, 1 1/2-st'y fr. stable; \$800; o. & b., Israel Dupere.

New Bedford, Mass.—**Ash St.**, two-st'y fr. stable, 30' x 50', pitch roof; \$4,000; o., Dr. C. D. Prescott; b., C. E. Pierce; a., G. H. Ingraham, Boston.

Somers, Conn.—Two-st'y fr. stable, 40' x 50'; \$5,000; o., H. A. Root; a., Guy Kirkham, Springfield, Mass.

Somerville, Mass.—**Reacon St.**, No. 270, 1 1/2-st'y fr. stable, 16' x 32'; \$1,500; o. & b., W. H. Bonnell, on premises.

St. Louis, Mo.—Two-st'y bk. carriage-house & stable, Lindell St., bet. Newstead & Taylor Sts., 50' x 22'; \$5,000; o., W. H. Thompson, Bank of Commerce; c., A. E. Cook; a., Isaac S. Taylor.

TENEMENT-HOUSES.

Fall River, Mass.—**Flint St.**, three-st'y bk. six-flat tenement, 45' x 56', comp. roof, hot air; \$10,000; o. & b., Samuel Benoit.

(Continued on page 27.)

COMPETITIONS.

PUBLIC HIGH SCHOOL.

[At Brooklyn, N. Y.] The Board of Education solicits designs and plans for a building or buildings suitable for the Public High School, to be erected on the north side of Flat-bush Ave., between East Broadway and Grant St., to be known as the Erasmus Hall High School; cost not to exceed \$400,000. Plans and specifications will be received at the office of the Secretary of the Board,

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COMPETITIONS.
No. 131 Livingston St., until 12 M., December 4. From the plans submitted there will be selected by the Board, and for these the following awards will be paid; \$600 for first choice, \$400 for the second, and \$200 for the third. 1144

PROPOSALS.
Treasury Department, Office Supervising Architect, Washington, D. C., November 15, 1897. Notice is hereby given that the time for opening the bids for the completion of the interior finish of the United States Post-office building at Washington, D. C., is

PROPOSALS.
extended to 2 o'clock P. M., on the 10th day of December, 1897. JAS. KNOX TAYLOR, Supervising Architect. 1143

JAIL. [At Magnolia, Miss.]
Proposals will be received until December 6 for remodeling the Pike County Jail. W. C. VAUGHT, Clerk. 1144

Treasury Department, Office Supervising Architect, Washington, D. C., November 4, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of November, 1897, and opened

PROPOSALS.
Immediately thereafter, for all the labor and materials required to place in position complete a tower clock for the United States Post-office building at Washington, D. C., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Washington, D. C. 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. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Tower Clock for the United States Post-office, Washington, D. C." and addressed to JAMES KNOX TAYLOR, Supervising Architect. 1143

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comp. roof; \$6,500; o., P. Corrigan; b., McDougall
& Grimsell.

New Bedford, Mass. — S. Second St., three-st'y fr.
store & tenement, 42' x 60', flat roof, steam; \$10,000;
o., Bridget L. Hickey; a., Saml. C. Hunt.

New York, N. Y. — Ninety-seventh St., nr. Park
Ave., five-st'y bk. tenement, 25' x 81'; \$18,000; o.,
H. A. Quackenbush, 104 E. 96th St.; a., G. C. Man-
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offices & halls with stores on first floor; o., Grand
Lodge of Odd Fellows of Indiana; a., A. W. Rush &
Son, Grand Rapids, Mich.; not let.

WAREHOUSES.

Chicago, Ill. — E. Indiana St., No. 79, six-st'y &
base. bk. warehouse; \$10,000; o. & b., George B.
Carpenter.

Haverhill, Mass. — Bridge St., five-st'y bk. store &
warehouse, 50' x 105', flat roof; \$15,000; o., D. D. &
A. W. Chase; a., J. M. Littlefield, 69 Merrimack St.

New York, N. Y. — Fulton St., No. 64, nine-st'y bk.
& steel store & loft building, 24' x 67 7/8'; \$57,000;
o., a. & b., Charles Buck, 109 W. 42d St.

Bond St., No. 12, n w cor. Elm St., six-st'y bk.
store & loft-building, 16' 9" x 109' 5"; \$40,000; o.,
Paul Leavitt, 190 Washington St.; a., William Mc-
Grath, 787 Second Ave.
Elm, Bond and Great Jones Sts., eight-st'y bk.
loft & store, 21' x 203'; \$75,000; o., Jno. G. Coster,
27 William St.; a., Wm. E. Stone, 24 State St.

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St. Louis, Mo. — Three-st'y bk. chemical laboratory,
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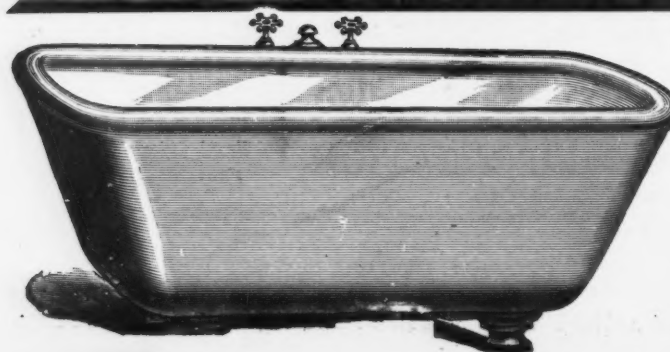
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Block.....	4 00 P ton.	5 00 P ton.	20 @ foot	Conshocken @ 5 00
Rubble.....	1 25 @ perch.	1 50 @ 1 60	10 00 @ cord	1 45 @ 2 50
Sandstone:				
Longmeadow.....	80 @ 80	90 @ 90	@	95 @ 1 05
Kibbe.....	90 @ 90	1 10 @ 1 10		
Brown (Connecticut).....	1 00 @ 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 @ 85	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
Potsdam Red.....	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen.....	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English.....	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05	80 @ 1 50	95 @ 1 05
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond P 75 @ 1 50
Lemont.....			@	Perch 4 50 @ 5 50
Serpentine.....		10 50 per ton.	@	1 in. th. 10 @ 25
Bluestone: (P sq. ft.)			cub. ft.	37 @ 50
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	2 00 @ 2 50
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	2 00 @ 3 00
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 3 00
Rutland, white and blue.....	@	@ 3 00	3 50 @ 6 00	1 70 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	4 00 @ 4 50
Glens Falls, black.....	@	@	Not sold.	2 50 @ 2 75
Italian, blue-veined.....	@	@	@ 4 40	@ 5 00
" Sienna.....	@	@	Not sold.	4 00 @ 6 00
Tennessee, red.....	@	@	@ 4 40	3 00 @ 4 00
Knoxville.....	@	@	3 50 @ 6 00	2 00 @ 3 00
Pennsylvania, blue.....	@	@		2 25 @ 3 00
Vermont, white.....	@	@		
Slate: 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.....	5 00 @ 6 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
" Chapman.....	4 35 @ 5 50	4 75 @ 5 90	5 20 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	6 00 @ 8 50	6 00 @ 8 50	5 25 @ 6 70	4 35 @ 5 50
Unfading black.....	5 50 @ 8 00	5 50 @ 8 00	4 25 @ 4 95	6 50 @ 9 00
Tiles, Am..... P M.....	@	@	5 50 @ 9 20	6 50 @ 9 00
N. Peach Bottom, war. unfading	@	@	Self-glazed tiles	@ 28 00
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	9 75 @ per ft.	5 76 @ 6 25
LUMBER.—P M.			6 00 @ 6 50	8 60 @
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	30 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.....	ca 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 50
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	1 85 @ 1 90	@	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	Round Wood	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	@ 2 00	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@	Not sold.	Not sold.
" 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	3 00 @ 3 75	4 60 @ 6 00	
Cedar split..... P M.....	@	@ 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	@	30" \$35 @ 40

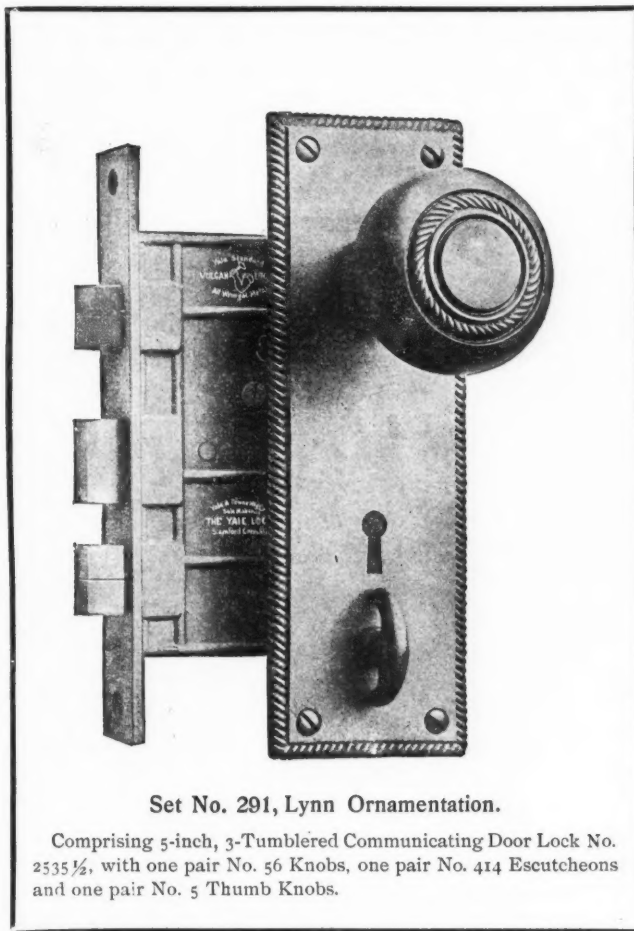
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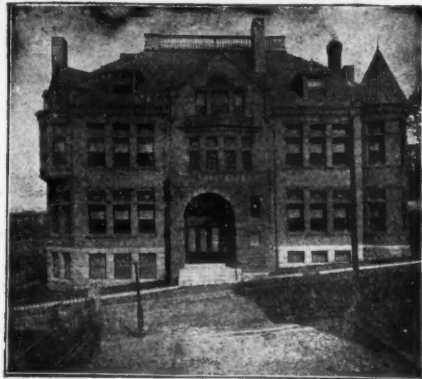
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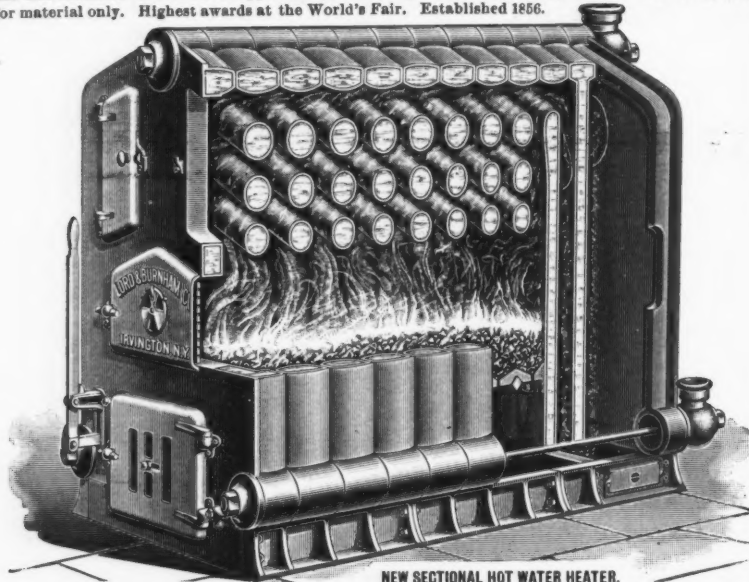
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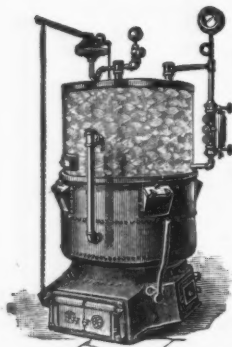


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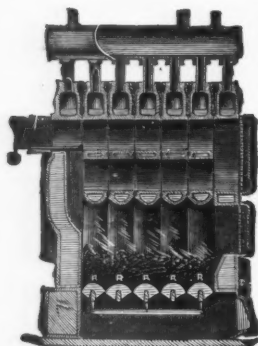
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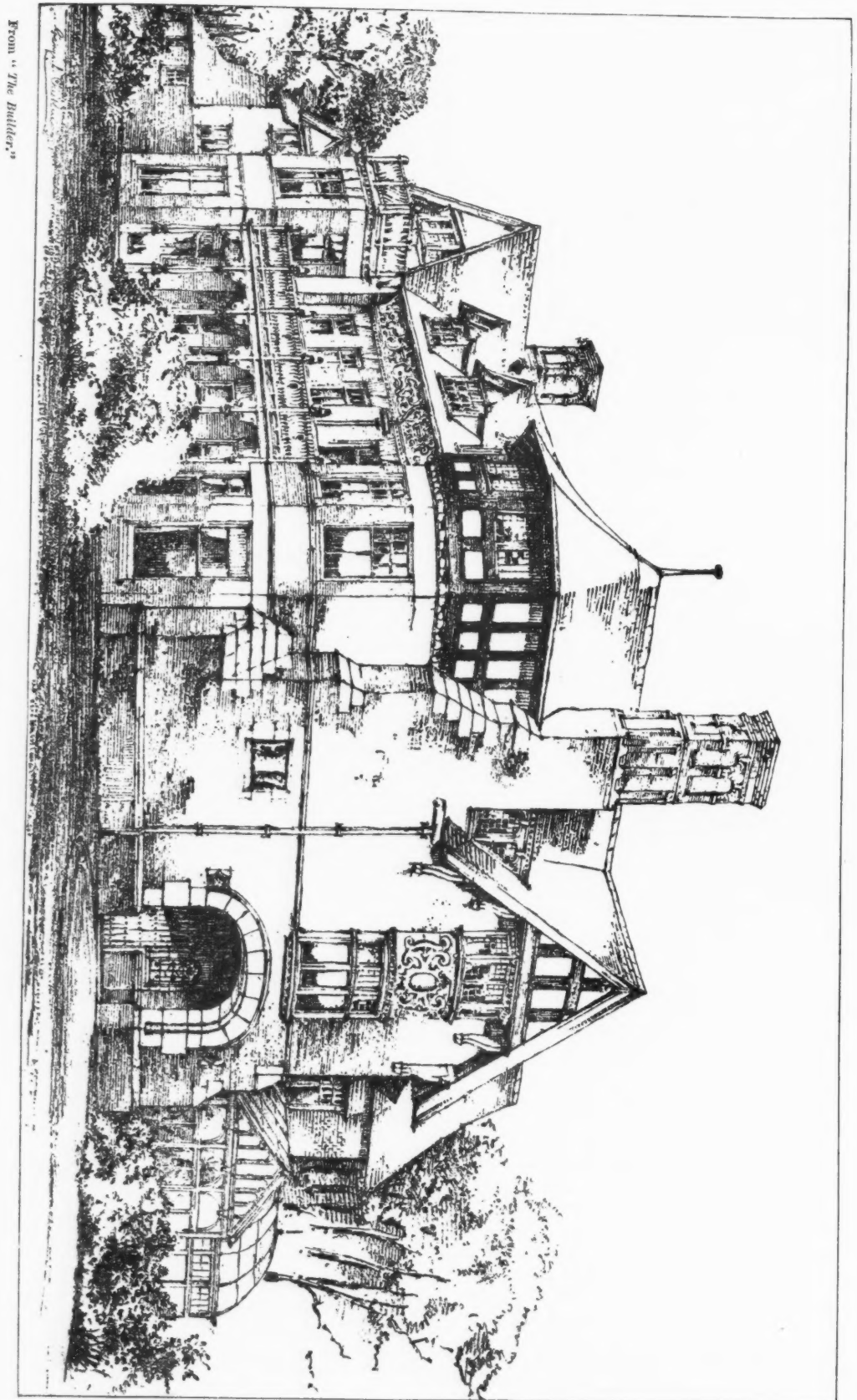
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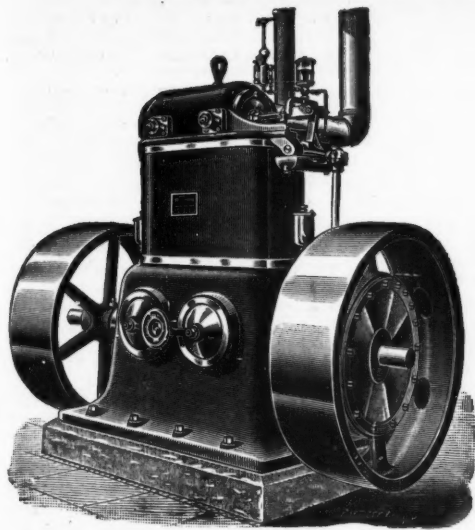
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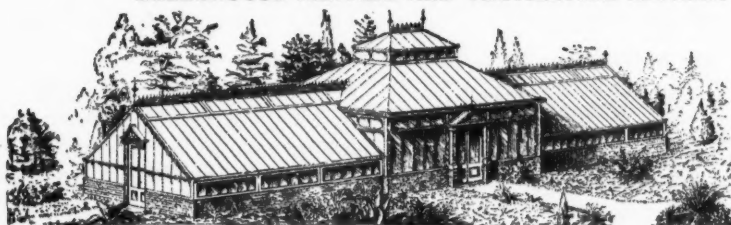
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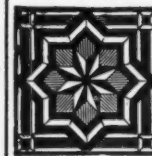
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- 593,909. WINDOW-SASH.—Alfred F. Smith, Las Vegas, N. Mex.
- 593,963. ELEVATOR.—Albert Iske and Anthony Iske, Lancaster, Pa.

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.—Supt. Austin Lathrop, of the State Prison, will recommend to the Legislature that an

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

appropriation be made for a prison in the central part of the State, at which all executions by electricity shall take place.

Altoona, Pa.—The plans of Charles M. Robinson have been accepted for a \$25,000 stone and brick church of steel construction for the First United Brethren Congregation; contracts to be let soon and the work to commence in the spring.

The same architect has prepared the plans for an \$8,000 Temple for the Reformed Hebrew Congregation; construction of stone with slate roof, steam heat; not let.

Bar Harbor, Me.—J. Montgomery Sears, of Boston, is to erect a large stable with all modern improvements, on his land near Wayman Lane.

Braintree, Mass.—George F. Newton, of Boston, is preparing plans for a two-story frame church, 70' x 80', to cost \$25,000, for the Union Cong. Society, Rev. H. S. Snyder, pastor, Weymouth. It is to be erected on Commercial St., opposite Quincey Ave.

Brooklyn, N. Y.—The contract for erecting the new school on 59th St. and 4th Ave. is stated to have been awarded to Wm. H. Port, at \$72,995.

The managers of the Norwegian Deaconesses' Home and Hospital have purchased a big plot of ground at the corner of 46th St. and 4th Ave., and propose to erect a \$75,000 building on the site. The present hospital is on the opposite corner.

Buckhannon, W. Va.—A press report states that the Upshur County Court-house has been condemned and Judge Bennet has ordered the County Court to secure plans for a new building.

Cascade, Ia.—The members of St. Martin's Church, of this place, have decided to build a new church. The structure will cost in the neighborhood of \$20,000.

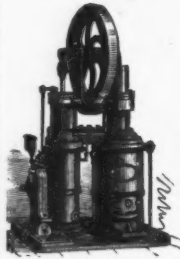
Champaign, Ill.—A fund of \$26,000 has been pledged for the erection of a new Y. M. C. A. building.

Chicago, Ill.—It is reported that Gatterdam & Krieg, 913 Schiller Building, have prepared plans for a \$30,000 four-story apartment-building, 50' x 89', to be erected on Michigan Ave., near Garfield Boulevard, for E. W. Smith. Also a three-story apartment-house, 48' x 123', to be erected on the west side, at a cost of \$34,000.

H. L. Nowhouse, 4630 Prairie Ave., has made plans for Norman P. Cummings, 4958 Forestville Ave., for four flat buildings, to be erected at the corner of Drexel Boulevard and 42d St. They will have fronts of Bedford stone and pressed-brick, and will cost about \$80,000. The owner is letting the contracts.

Chillicothe, O.—A church, costing \$10,000, will be erected by the Plymouth Congregational Society.

Cleveland, O.—A sixteen-story steel office-building is to be built on Euclid Ave., at the corner of the Public Square. George B. Post, architect, New York, is preparing plans for the proposed building, the cost to be about \$500,000. Mr. Geo. E. Herrick is largely interested in the project.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Depew, N. Y.—The Wagner Palace Car Co., of No. 51 E. 44th St., New York City, will probably build a brick car-house, 84' x 640', with room for forty-eight palace cars.

Detroit, Mich.—A company to be known as the Tivoli Brewing Company has been formed here. The company will erect at once a plant to cost \$75,000.

Elberon, N. J.—Hopkin & Koen, 160 Fifth Ave., New York, have prepared plans for two dwellings with double stable, to be built for B. W. Leigh, 48 Wall St., New York City, at a cost of about \$28,000.

Ellis County, Kan.—This county will issue bonds for the erection of a new Court-house building.

Hancock, Mich.—A two-story stone City-hall and Fire-station, 32' x 90', will be erected at a cost of \$10,000.

Hartford, Conn.—The congregation of the Children of Israel contemplate building a new synagogue in this city. Louis Katz is interested.

Hedrick, Ia.—Orff & Guilbert, of Minneapolis, Minn., are preparing the plans for the State Normal School Building to be erected here. The specifications will call for a four-story and basement brick and stone structure, 80' x 150', slate roof and steam heat.

Houston, Tex.—The City Council have passed an ordinance providing for the issuance of \$50,000 in bonds for constructing new school-building and enlarging others.

Ipswich, Mass.—Reports state that Dr. Chas. W. Townsend, of Boston, will build a large summer residence on land lately purchased from John A. Burnham.

Kirksville, Mo.—The contract for building the new Court-house has been awarded by the County Court to Charles Anderson, at \$50,000.

Lebanon, Pa.—The city has purchased the United Brethren Aid Society Building and will remodel it into a City-hall at a cost of \$20,000.

Lewisburg, Pa.—A new library building, costing about \$15,000, will be erected by the Presbyterian Church.

Morgantown, W. Va.—The contract for the wing to the Arts Building at the University is stated to have been awarded to Hurton & Demain, at \$24,000.

Newark, N. J.—The Committee of Priests selected by Bishop Wigger to choose one of the four plans presented for the new million-dollar cathedral in this city have agreed on the plan submitted by O'Rourke & Sons of this city, and the firm was so informed by the Bishop to-day. The cathedral is to be erected on a block bounded by 5th and 6th Aves., Ridge St. and Clifton Ave. It will be paid for by subscriptions from Catholics of the diocese of Newark. It will be known as the Cathedral of the Sacred Heart. The style of the new building will be continental Gothic of the thirteenth century. The edifice will be surmounted by two towers, one 300' and the other 275' high. The interior of the building, exclusive of the front atrium and rear chapel, will be 288' in length. The exterior length will be 309'. The width will be 86' interior and 150' exterior. The interior of the transept will be 44' in width. There will be about 25,000 square feet of space in the interior, and a seating-capacity of 2,500, while there will be standing room for as many more. The materials to be used are marble, granite, steel and quartered-oak. It will take about two years to complete the cathedral.

New Britain, Conn.—The Building Committee in

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

charge of the erection of the new Institute Building to be erected on W. Main St. have sent out invitations to a number of architects asking them to submit plans about December 20 for the proposed new building.

New Martinsville, W. Va.—It is contemplated to erect a new Jail here to cost \$15,000.

New York, N. Y.—Frederick C. Zobel, 53 W. 24th St., has completed plans for a ten-story brick and stone fireproof store and office building, 75' x 100', to be erected on 23d St., between 4th and Lexington Aves. Cost \$250,000.

Ground has just been purchased in 54th St., bet. 10th and 11th Aves., for the erection of the new Roman Catholic Church of St. Ambrose, and work on the new building will be begun at the earliest possible moment. The parish of St. Ambrose was established last summer, to meet the needs of a large population on the west side of the city, between 46th and 59th Sts., and between 10th Ave. and the North River, which has hitherto been inadequately provided for. The rector of the new parish will be the Rev. Morgan J. O'Connell.

The Soldiers' and Sailors' Memorial Committee have accepted the plans prepared by Arthur A. Stoughton, 96 Fifth Ave., for the new Army and Navy Memorial Building to be erected in Central Park.

Plans have been filed with the Department of Buildings for 3 three-story brick public school-buildings, to cost in the aggregate \$750,000. The schools will be located on 104th St., near 2d Ave., 111th St., near Lenox Ave., and 104th St., near 5th Ave.

Plans for the various buildings to be erected by the Colored Home and Hospital, G. E. Harney and W. S. Purdy, 35 Nassau St., architects, have been filed as follows: Block bounded by 141st, 142d Sts., Concord and Wales Aves., for a four-story brick hospital, 154' x 228' 8", \$230,000; for a one-story brick power-house, 50' x 80', \$15,000; for a one-story brick pavilion, 40' x 45', \$10,000; for a one-story brick morgue, 34' x 36', \$5,000.

Ottumwa, Ia.—The plans for the High School Building have been accepted. It is to be three stories, of brick construction with stone trimmings, 100' x 40', tile roof and fan system of heating. Cost about \$40,000; architect, Clinton Nourse, Des Moines; contract not let.

Peoria, Ill.—P. A. Weart will erect a \$25,000 business building on Fulton St. No architect has been chosen to design plans.

A. B. Nesbit, architect, 219 S. Adams St., will prepare plans for a new Webster School.

Wechselsberger & Hewitt have been selected as architects to prepare plans for the new Irving School.

Pittsburgh, Pa.—The Rodef Sholem congregation contemplate the erection of a new temple to take the place of the present structure on 8th St., Rev. Dr. L. Mayer, rabbi.

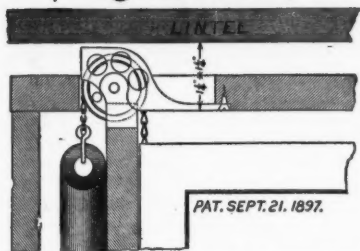
Pensacola, Fla.—Over \$12,000 has been subscribed toward building a Masonic Temple.

Racine, Wis.—Local papers state that the Board of Education is agitating the question of spending \$50,000 to erect three new school-buildings.

Rahway, N. J.—The Church of the Holy Comforter at this place, which was burned about two years ago, will be rebuilt. A committee has been appointed to have plans prepared.

Reading, Pa.—Charles W. Bolton, architect, 1510 Chestnut St., Philadelphia, has prepared plans for a new edifice to be erected by St. Stephen's Reformed Church.

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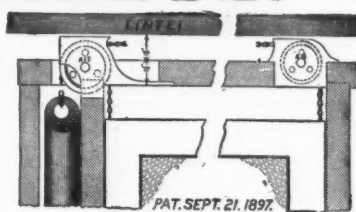
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94 Union Street, Boston,

and 84 Lake Street, Chicago.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Roaring Springs, Pa.—The Methodist Episcopal Congregation have accepted the plans for a new stone church to cost \$10,000. Work to commence in the spring. Chas. M. Robinson, of Altoona, is the architect.

Rochester, Minn.—A new building will be erected by the Masonic Temple Association.

Sioux City, Ia.—Manager E. C. Cudahy has announced that plans have been completed for the proposed alteration to the city plant. The cost will be about \$250,000.

Spokane, Wash.—Spokane, Wash., has voted to issue \$50,000 school-building bonds.

Toledo, O.—Commodore Richardson, of the Toledo Yachting Association, has partially completed plans for a new club-house. The new building will cost about \$30,000.

Washington, D. C.—It is reported that steps will be taken to raise \$250,000 for the erection of the Administration Building for the Women's National College. Mrs. Ellen A. Richardson, of Boston, is the chief organizer.

The United States Electric Light Co. will erect a brick power-house at the southeast corner of 14th and B Sts. The plans were prepared by Architect E. M. Sunderland, and provide for a one-st'y structure, 131' x 131', with front of hard red brick, flat iron trussed terra-cotta and slag roof, steam heat. A tower 62' high will also be erected. The cost of the structure will be about \$62,000.

The company owning the Raleigh Hotel have commissioned Henry J. Hardenbergh, 10 W. 23d St., New York City, to prepare plans for the enlargement of the Raleigh. The company has purchased the adjoining property on 12th St., which has a frontage of 85' 30" by a depth of 100' and will

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

erect a fireproof structure to cover the entire area. The building will probably be twelve stories high and will in exterior appearance harmonize with the present hotel. This improvement is calculated to cost in the neighborhood of \$250,000.

C. M. King will build eight brick dwells, at 3012-28 Fourteenth St., Mt. Pleasant. They will be three stories and cellar, 17' 6" x 34', with pressed-brick fronts, flat tin roofs, square bay windows, hot water heat. They will cost \$45,000.

Washington, Pa.—It is reported that plans have been prepared by W. M. Ely, architect, for a new Y. M. C. A. building to be erected here, to cost about \$40,000.

Wausau, Wis.—A new High School Building is desired by the Board of Education and efforts are being made to induce the citizens to have one erected.

Whitestone, L. I., N. Y.—Plans prepared by Wm. Higginson, architect, of New York, are stated to have been approved for a new school to be erected on 7th Ave., to cost about \$45,000.

Whitinsville, Mass.—Plans prepared by Architects Shepley, Rutan & Coolidge, of Boston, have been accepted for a new edifice for the Congregational Church to be erected here, to cost about \$75,000.

Weston, Mass.—Report states that Albert Thorndyke, 24 Congress St., Boston, will build a \$10,000 residence and stable here from plans by George F. Newton, Boston.

Windota, Ill.—The First Presbyterian Church will erect at once a new structure. It will cost \$15,000. Rev. Theodore H. Allen, pastor.

Woodside, L. I., N. Y.—Architect Chas. T. Mott, 99 Nassau St., New York City, will prepare the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

plans for the additions to be built to the school in Union Free School District No. 10. The work will consist of two wings, each 50' x 100', two stories and basement, to be built of brick, with tin roof, steam heat, etc.; cost, \$35,000.

Wyncote, Pa.—The Calvary Presbyterian Church Society contemplates building a new church and funds are now being raised for that purpose.

APARTMENT-HOUSES.

Buffalo, N. Y.—Oxford Pl., three-st'y bk. flats for six families, steam heat; \$20,000; o., Wm. Larkin; a., Carson & Byrens; not let.

Virginia and Tupper Sts., four-st'y bk. flats for eight families, steam; \$20,000; o., Geo. Armstrong; a., W. H. Archer.

Chicago, Ill.—Oakdale Ave., nr. Evanston Ave., four st'y & base. flats, 50' x 100', comp. roof, steam; \$35,000; o., Miss Ella Knauer; a., M. S. Gregory, 85 D arborn St.

Kelis Ave., Nos. 3848-52, four-st'y bk. flats, 66' x 110'; \$60,000; o., Collins & Morris; b., Frank Laschetzke; a., S. K. Colton.

Indiana Ave., Nos. 3812-14, four-st'y bk. flats, 44' x 103'; \$20,000; o., C. E. Donovan; b., James Donovan.

Monroe St., nr. Homan Ave., three-st'y & base. bk. flats, 25' x 74', comp. roof, steam; o., Dr. Chas. L. Enslee, 70 State St.; a., John D. Atchison, 90 Washington St.

Cortland St. and Albany Ave., three-st'y bk. store & flats, 33' x 90'; \$14,000; o., Mr. Peterson; a., T. J. Madlen, 868 N. California Ave.

Honore and Sixty-fourth Sts., three-st'y bk. & st. flats, 45' x 125', comp. roof, steam; \$30,000; o., F. A. Batley, 616 W. 64th St.; o., Parks & Baldwin; a., A. G. Lund.

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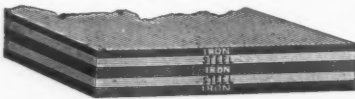
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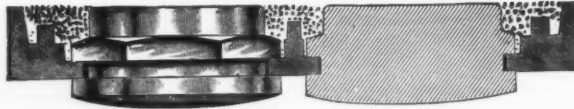
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Amsterdam Ave., cor. 79th St., 2 seven-st'y bk., st.
& terra-cotta flats, one 50' x 90', the other 50' x 97';
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Henry Anderson, 1180 Broadway.
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Smith, Lenox Ave. & 126th St.; a., Neville & Bagge.
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[Continued on page xvii.]

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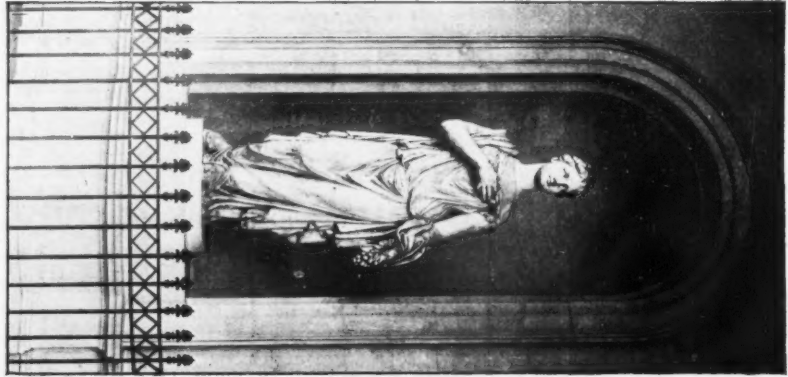
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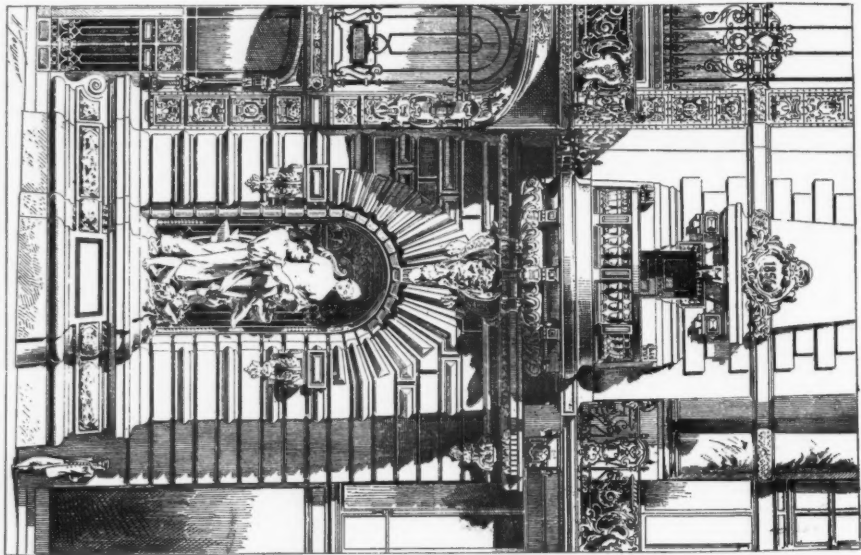
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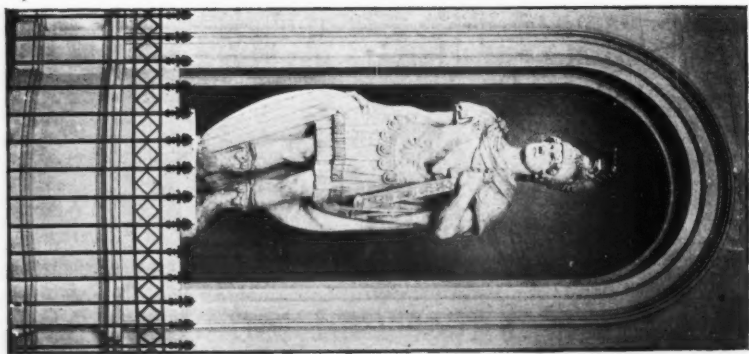
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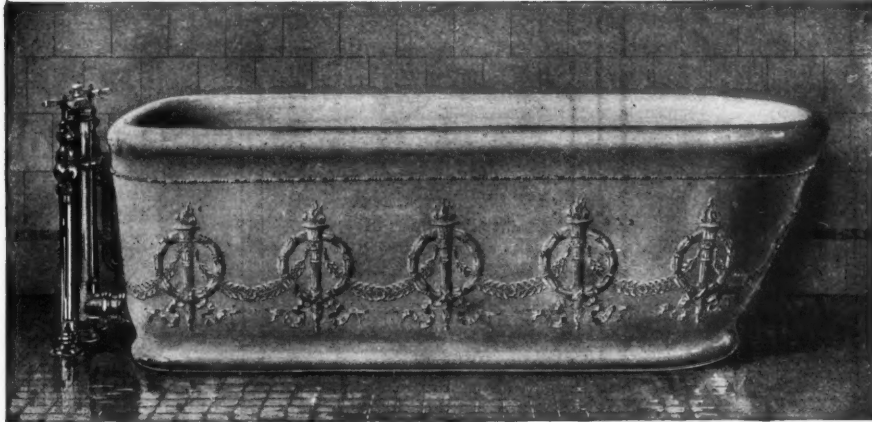
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BUILDING INTELLIGENCE.

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PROPOSALS.
ing and furnishing a supply of steam and other work for the east building of the Rochester State Hospital, at Rochester, N. Y., may be sent by mail or delivered in person up to 12 M., on the 3d day of December, 1897, to Hon. Frederick Cook, President of the Board of Managers, Rochester State Hospital, Rochester, N. Y., at which time and place the Board of Managers will receive and open all proposals. Drawings and specifications may be consulted and blank forms of proposal obtained at the office of Dr. E. H. Howard, Supt., or at the office of I. G. Perry, architect, in the Capitol at Albany, N. Y. Each bid must be enclosed in an envelope, sealed and addressed to HON. FREDERICK COOK, Presi-

PROPOSALS.
dent of the Board of Managers, Rochester, N. Y., and indorsed "Proposals for heating, ventilation and other work for the east building of the Rochester State Hospital, Rochester, N. Y." E. H. HOWARD, Secretary of the Board of Managers. 1146

ENGINE-HOUSE. [At Lancaster, O.]
Bids are wanted December 10 for constructing the proposed new fire-engine house. H. T. MECHLING, Clerk of the City. 1145

ODD FELLOWS' BUILDING. [At Indianapolis, Ind.]
Bids are wanted December 21 for the construc-

PROPOSALS.
tion of the new Odd Fellows' building. GEORGE SHIRTS, Chmn. Bldg. Com., I. O. O. F., Noblesville, Ind. 1146

CHURCH. [At Portsmouth, Va.]
Bids are wanted December 14 for building St. Paul's Catholic Church. GEORGE W. MAUPIN, Secretary. 1145

JAIL. [At Magnolia, Miss.]
Proposals will be received until December 6 for remodeling the Pike County Jail. W. C. VAUGHT, Clerk. 1144

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McKim, Mead & White, Architects. 7 views

"UNIVERSITY CLUB-HOUSE," Philadelphia, Pa.
W. Eyre, Jr., Architect. 3 views

"DUQUESNE CLUB-HOUSE," Pittsburgh, Pa.
Longfellow, Alden & Harlow, Arcts. 6 views

"ART CLUB," Philadelphia, Pa.
F. M. Day, Architect. 2 views

"MONTAUK CLUB-HOUSE," Brooklyn, N. Y.
F. H. Kimball, Architect. 5 views

"THE PLAYERS' CLUB-HOUSE," New York, N. Y.
McKim, Mead & White, Architects. 3 views

"BALTIMORE CLUB-HOUSE," Baltimore, Md.
J. A. & W. T. Wilson, Architects. 3 views

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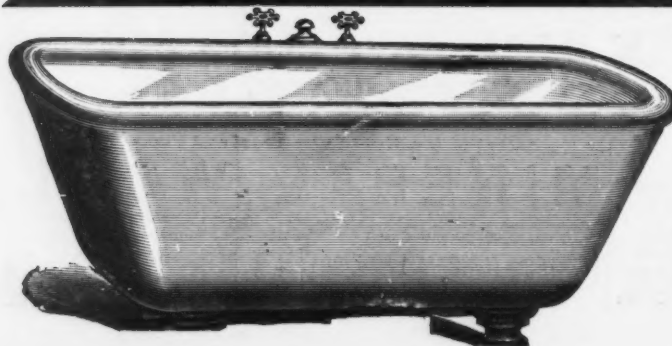
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Haverstraw Bay 2d.....	@ 5 25	15 00 @ 25 00	Enam. Domes.	Salmon @ 6 00
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" dark.....	12 00 @	50 00 @ 80 00	Press..27 00	Red " @ 13 00
" red.....	12 00 @		Collinsville, do	Dark " @ 13 00
Chicago pressed.....		Enamelled B'k.22 00	Pressed " @ 18 00
" Moulded.....		Imported	Findlay, do 22 00	Best Paving " @ 18 00
Baltimore.....	37 00 @ 41 00	Enam. (edge)	Chicago, do	Third " @ 12 00
Philadelphia.....	19 00 @ 21 00	105 00 @ 120 00	assorted shades	Dom. { @ @
Trenton.....	17 00 @ 18 00	(edge & end.)	16 00 @ 20 0025 00
Milwaukee.....		120 00 @ 135 00	Chicago, do	
Moulded:		Domestic.	Brown..24 00	
Red Pressed.....	@ 29 00	Enam. (edge)	Chicago, do Red	
Buff ".....	@ 27 00	90 00 @ 100 00	Roman..24 00	
Moulded Red & Buff.....	45 00 @ 70 00	" (edge & end.)	Chicago, do Br'n	
Enamelled: Imp.....	85 00 @ 100 00	110 00 @ 115 00	Roman..27 00	
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" Ger. (Alsen).....	2 90 @ 3 25	2 75 @ 3 00	3 75 @ 4 25	Hemmoor
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" " (Lagerhofer).....	2 75 @ 3 00	English 2 30	2 60 @ 2 90	Josson
" " (Dyckerhoff).....	2 50 @ 3 00	2 75 @ 3 00	3 10 @ 3 30	2 60 @ 2 75
" " (Hanover).....	2 35 @ 2 45	@	2 75 @ 2 90	3 00 @ 3 25
" " Stettin, (Anchor)	2 75 @ 3 00	3 50 @ 4 00	2 85 @ 3 00	2 75 @ 2 85
Roman.....	4 25 @ 4 75	@ 6 00	2 75 @ 3 25	B. Egl. 2 50 @ 2 75
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THE AMERICAN ARCHITECT

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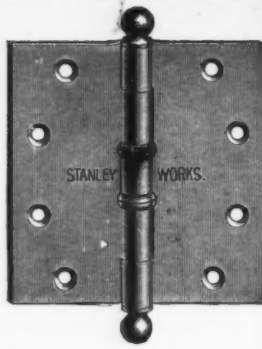
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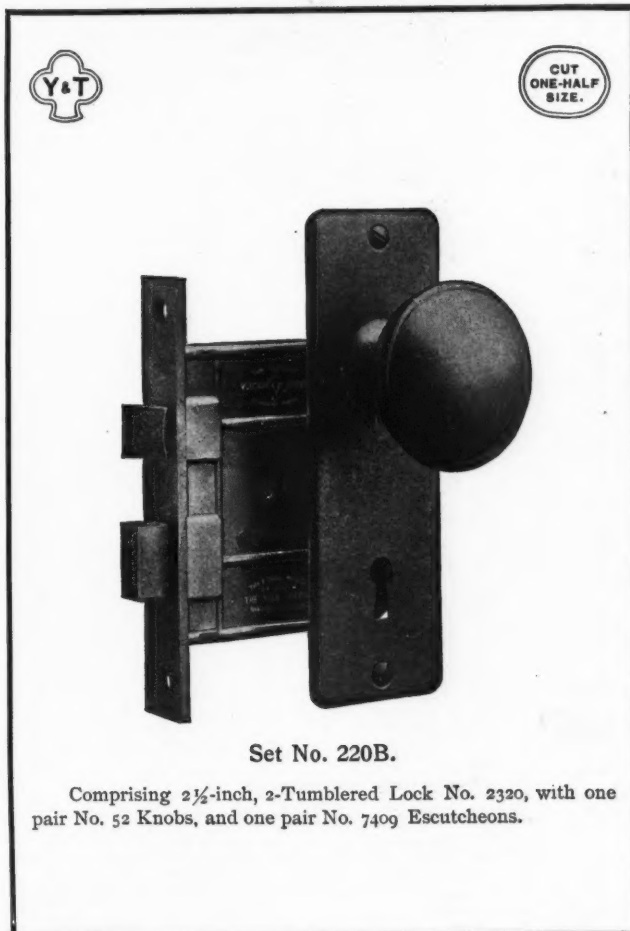
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OF ALL WROUGHT METAL

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cast one,
but a cheaper

From Page 65 of the Yale "Vulcan" Catalogue.

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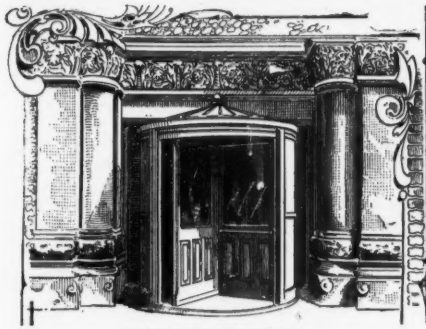
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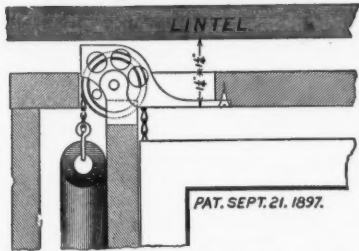
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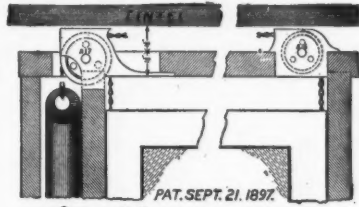
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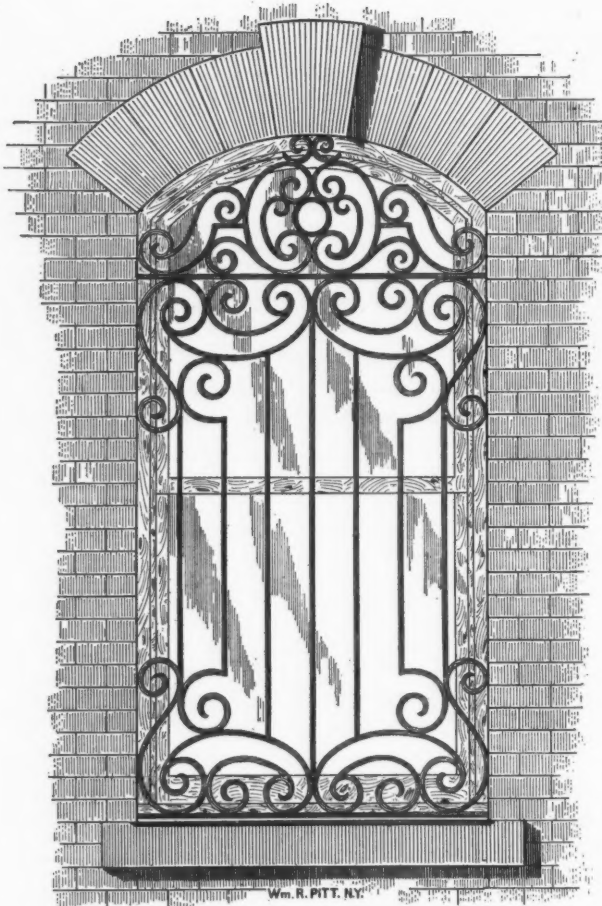
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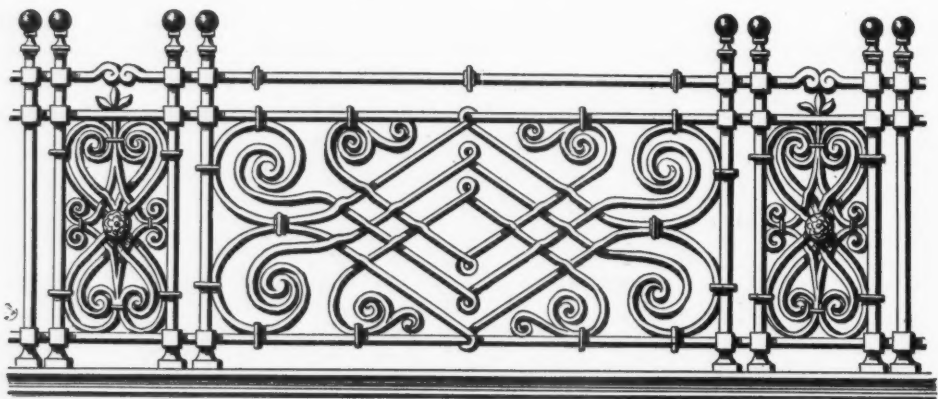
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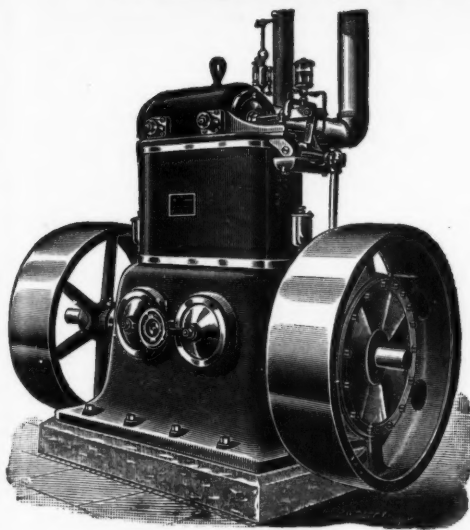
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Clark Mills, Sculptor, 1860.



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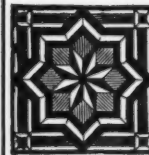
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THE "VULCAN" LOCKS
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THE age of iron is passing and the age of steel is fully born. America has long excelled in small products of cast-iron, but is discarding them for better ones of wrought steel. Both were formerly hand products; cast work so remains, but wrought work, in quantity, is now produced from the wrought sheet or rod

by machine processes, which supersede hand labor.

This new material, and these processes, have already been utilized in creating modern fire-arms, the sewing machine, the American watch and the bicycle; they are now availed of to create a new American product, namely, a door lock formed wholly from wrought materials, machine made throughout and interchangeable in all its parts.

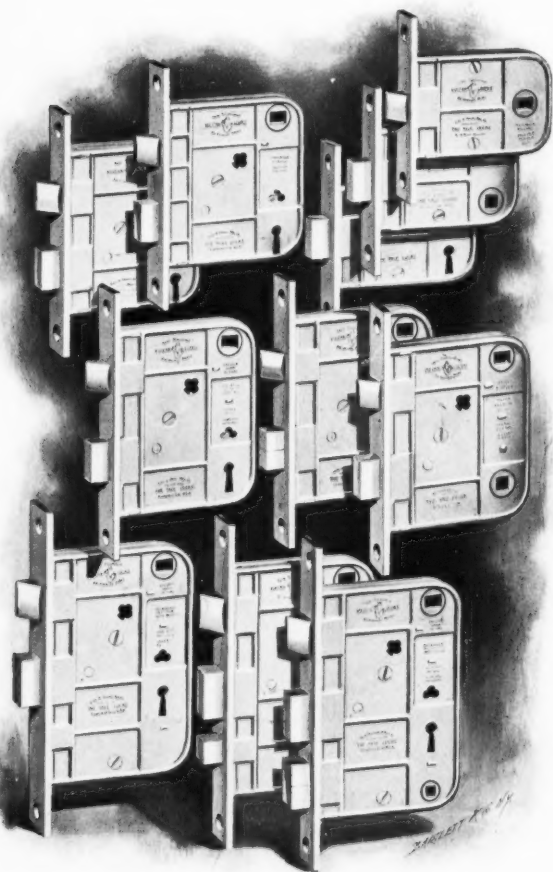


FIG. 1

The substitution of machine processes for hand labor, has not only produced a more perfect article, but has also effected economies which enable the Vulcan Locks to be sold at prices so low as to make them available for every purpose.

New and improved mechanisms, made possible by new and better materials and processes, combine to make the resulting product the most important advance in the art of lock making since Linus Yale, Jr., one of the founders of The Yale & Towne Manufacturing Company, a few years before his death, in 1868, invented the lock

which will forever be associated with his name and which has completely revolutionized American practice in lock making.

CONSTRUCTIVE FEATURES

The Case and Cap. These are of cold-rolled steel, each flanged on the outer edge and ribbed in transverse lines, thus obtaining greater rigidity and far greater strength than that of a cast lock of twice the weight.

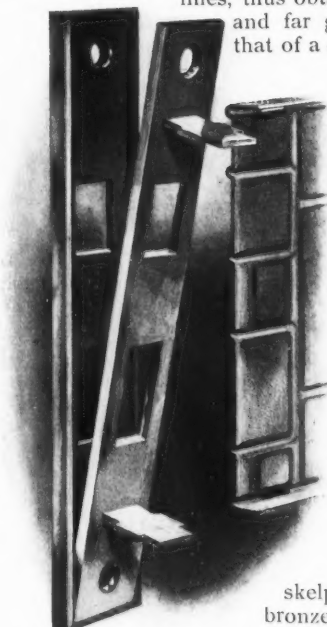


FIG. 2

The dimensions and weights of all the parts are those suitable to give proper strength. All the parts being of wrought metal the total weight is somewhat less, and the strength of each part much greater, than if cast metal were used.

The Front. As shown by Fig. 2, this consists of a wrought steel base, attached to the case by two cheeks, over which is drawn a

skelp or cover of wrought bronze, clinched over the tapered edges of the base, thus firmly uniting the two and producing a front of great stiffness having true edges, beveled to fit snugly into the wood, and a surface admitting of the highest polish.



FIG. 3

This construction is further illustrated by the enlarged detail in Fig. 3, showing a cross-section of the completed front.

The Bolts. The Latch-bolt and the Dead-bolt each consists of a solid head of wrought bronze or steel, and a wrought steel tail-piece, forced into the head and secured thereto by riveting and by setting down the metal of the head over interlocking projections on the tail-piece, as shown by the illustration of latch-bolt in Fig. 4. The tail pieces are ribbed or corrugated to give added stiffness.

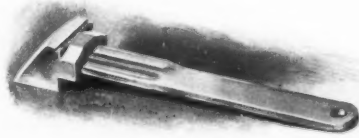


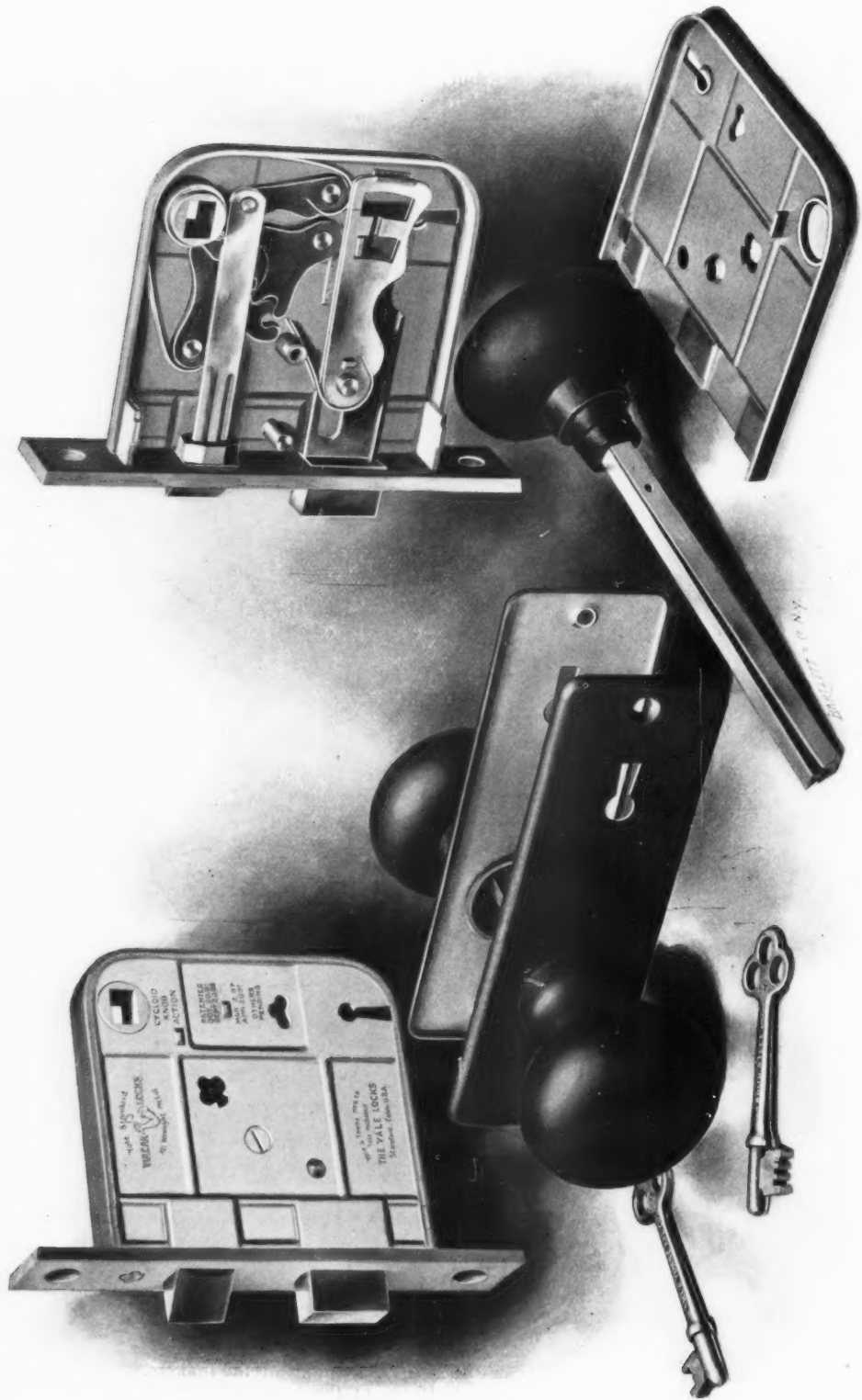
FIG. 4

The Key. The key of the Vulcan Lock, shown by Fig. 5, is of solid steel and is cold-forged from open-hearth metal. It is machine finished, nickel-plated and finely polished. Its bow is of the well-known Trefoil design, so long identified with the Yale Lock, and bears on one side the Trefoil trade-mark of the makers. The form of the key is peculiarly graceful, and its oval cross-section gives great strength.

The bit is tapered, being thickest at the outer edge, thus giving a better wearing surface, and a smoother action on the thumbler and bolt, than keys having thin bits.



FIG. 5



A VULCAN LOCK AND ITS TRIM—Fig. 6

The Completed Lock. The external and internal appearance of the several parts when completed and assembled is shown by Fig. 6 on opposite page.

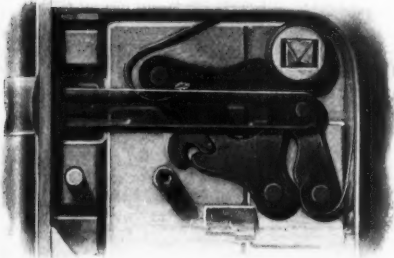


FIG. 7

made from wrought metal. Fig. 7 shows the mechanism in its normal position. The hub, by which the rotary action of the knob is transmitted, has a single arm or cam projecting diagonally downwards. Bearing against each side of this cam are two pivoted levers, geared together at their other ends, so that motion of the cam in either direction produces the same effect upon the levers, causing the lower one to move backward, carrying with it the third lever, to which is pivoted the end of the latch-bolt.

Fig. 8 shows the parts in the position they occupy when the latch-bolt is forced back, as in closing the door. One of the inter-gear'd levers has a heavy spring, giving the desired resistance to the knobs. The third lever is independent and has its own lighter spring, acting both on the knob and the latch-bolt. This spring alone opposes resistance to the retraction of the latch-bolt, while both springs oppose rotation of the knobs.

The most perfect "easy-spring" action is thus obtained. The latch-bolt is reversed by removing cap of lock. Fig. 9 shows the latch-bolt retracted by rotation of the knob in either direction, and shows also the construction of the hub or cam from two pieces of wrought metal, machine made throughout. As seen in Fig. 6, the holes or trunnions in the lock case are flanged inwards to provide a broad bearing for the ends of the hub, these bearings being accurately fitted by machine processes. The bearings for the key are formed in like manner.

In other wrought metal locks these bearings are

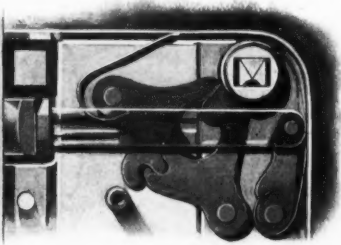


FIG. 8

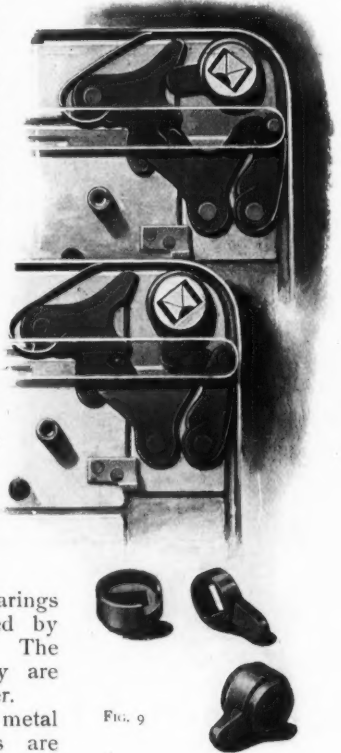


FIG. 9

The Cycloid Knob Action.

In this is embodied a new principle and a great advance in lock mechanism. It discards the sliding action used heretofore and substitutes pivotal motions and inter-gear'd levers, every piece being machine

merely holes punched in the metal, and their tin edges tend to cut into the metal of the hub or key, the result being rapid wear, which, in the case of the hub, produces looseness and rattle, and, in the case of the key, disturbs its relations with the tumblers so that it soon works badly and ultimately may fail to operate the lock. The broad bearings in the Vul-Lock obviate all of these difficulties.

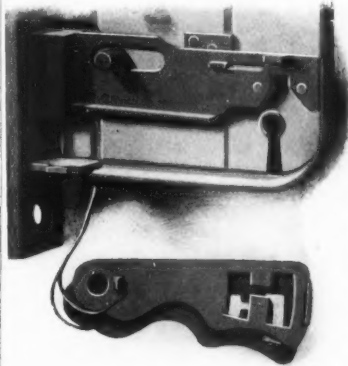


FIG. 10

The Dead-bolt Action.

The method of constructing and guiding the Dead-bolt is shown by Fig. 10. Its bottom edge is flanged to give stiffness, its rear end is thickened by a reinforce to give a broad bearing for the key in the "talon," and its motion is guided

and checked by a stud attached to the case and fitting within a guide slot in the bolt-tail.

The Tumblers, of which in some locks there are two and in others three, are of the double-acting lever type, as also shown in Fig. 10. The "fence" or post on tail of bolt fits within the segmental openings of the tumblers and must pass the narrow gating between them to permit the bolt to move.

To accomplish this the key must accurately raise each tumbler to the exact position, neither too high nor too low, to permit the fence to enter and pass through the gating, thus securing ample protection against picking and against the unintentional interchange of keys. Fig. 11 shows the key in place ready to operate the tumblers and retract the bolt.

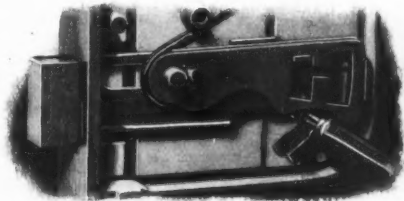


FIG. 11

The Triplex Spindle.

This Spindle already in use with the Yale Locks, will be used also with the Vulcan Locks. It consist of three triangular rods which, when united, form a square spindle, to one end of which one knob is permanently pinned. The other knob carries a set screw, which bears on the spindle, as shown in Fig. 12. The tightening of this screw expands the spindle and forces it into frictional engagement with the knob shank, thus holding the knob securely at any point, affording perfect adjustment without resort to washers, and eliminating all looseness or rattle of the knobs.

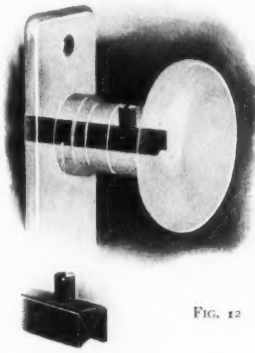


FIG. 12

The Compensating Hub. Heretofore lockmakers have ignored the fact that all wood shrinks and swells with changes in the humidity of the atmosphere. Hence has arisen the dilemma that knobs must be loosely fitted or else will bind. This is due to the conditions illustrated by Fig. 13. As there shown the lock is attached by

its front to the edge of the door, while the escutcheon plate (which carries the knobs) is attached by its screws to the surface of the door at the distance "X" from its edge. Any shrinkage or swelling of the wood causes this distance "X" to vary and thus tends to cause the knobs, if well fitted, to bind. The Compensating Hub, as shown by Fig. 13, has a rectangular opening which fits the spindle vertically, but which is considerably elongated horizontally. Changes in the dimension "X" may thus occur without causing the knobs to bind, and yet rotation of the knobs will cause the spindle to actuate the hub, by contact of the upper and lower sides of the spindle with the opposing faces of the opening in hub, as perfectly as if all four faces of the spindle and hub-opening were in contact, as heretofore. This simple device makes possible the use of perfectly fitted knobs by eliminating the disturbance arising from shrinkage, which heretofore has been so common a cause of trouble.

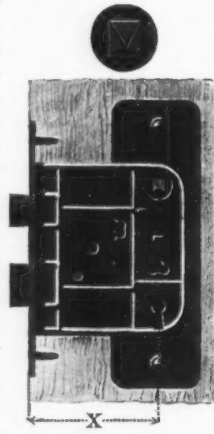


FIG. 13

The Bracket Bearing. A lock spindle is practically a short piece of shafting, with a wheel or pulley (the knob) on each end. Obviously the bearings of such a shaft should be as far apart and as near to its ends as possible. In common locks, on the contrary, they are at the surface of the door and therefore near together. This has long been remedied in the case of the Yale Lock by the use of the "Bracket Bearing," which will also be used with the Vulcan Locks. It consists of a construction of the knob shank, and its supporting thimble, such as to bring the bearings or points of support as close to the knobs, and therefore as far apart, as possible. The mechanical difference between these methods will be apparent from Fig. 14, which shows the old and the new constructions. The dotted lines show the play or "wobble" of the common knob, with its clumsy adjustment by means of a row of screw holes in the spindle, supplemented by tin washers in the loosely fitting thimble or bearing close to the surface of the door.

In marked contrast to this is the easy and perfect adjustment of the knob by means of the Triplex Spindle; supporting of the thimble close to

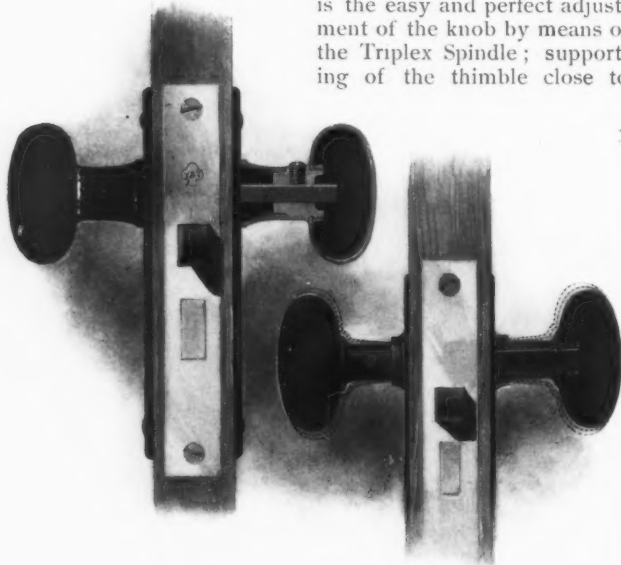


FIG. 14

each knob; the well-fitted Bracket Bearings in which the knob rotates, as shown in the above picture.

The Mechanical Combination. The Triplex Spindle, admitting of perfect longitudinal adjustment of the knobs, the Compensating Hub, which eliminates disturbance from shrinkage and swelling of the wood, and the Bracket Bearing, which supports and guides the two ends of the spindle close to the knobs, combine to produce a perfect mechanical assemblage, easy to apply, eliminating all causes of future disturbance, pleasing, because inherently right in appearance, and, as already proved, certain to give permanent satisfaction.

The Trim. Fig. 6 shows one of the plain, wrought metal trims used with the Vulcan Locks, but, in addition to plain trim, in bronze, brass or Bower-Barffed steel, they are furnished with ornamental trim in great variety, an example of which is shown in Fig. 15. These ornamental trims, and also the extensive line of Vulcan Locks, are described and illustrated in a separate catalogue.

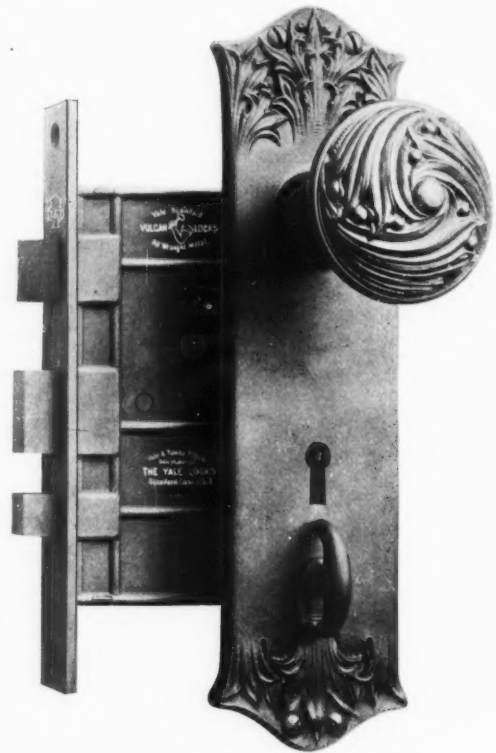


FIG. 15

CLUNY ORNAMENTATION.

The Result. The many and important improvements herein briefly referred to are the outcome of the work of several years, aided by unrivaled facilities and by the experience of the makers of the Yale Lock, acquired during the past twenty-five years. The final result is the creation of a new mechanical product, as far in advance of all predecessors as is the Yale Lock in the field where it has so long held a position of undisputed leadership.

The Yale & Towne Manufacturing Company has issued a most artistic brochure fully explaining the construction and operation of these locks, and also a catalogue of 90 pages, mentioned above, illustrating and describing each lock in detail and showing it associated with a carefully chosen line of plain and ornamental trim. These may be had on application to the Company's General Offices, 84-86 Chambers Street, New York, or from any branch office of the Company. These are located in Chicago, Philadelphia, Boston, Pittsburg and San Francisco. The works are at Branford and Stamford, Conn.



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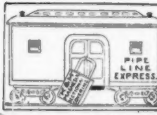
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New Advertisements.

WILLIAM R. PITT (New York, N. Y.), Artistic Iron-work. Page vi.
THE KEASBEY & MATTISON CO. (Ambler, Pa.), Steam-pipe Covering. Page x.

See last or next issue for the following advertisements:—

- Belmont Iron Works.
- Chrome Steel Works.
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MESSRS. THEODORE G. STEIN, E. Yancey Cohen and Emery Roth, architects, have formed a partnership, with offices in the Hartford Building, Union Sq., New York. For ten years Mr. Stein's offices were at No. 2 W. 14th St. 1146

BUILDING PATENTS.

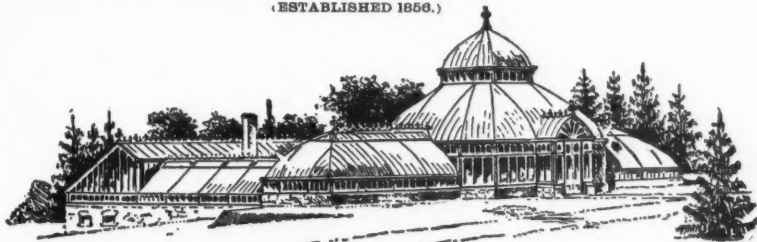
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594,314. WOODWORKER'S VISE.—Marian B. Babb,
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594,346. HEAT-REGULATING APPARATUS.—Chas.
L. Fortier, Milwaukee, Wis.
594,356. SASH-HOLDER.—Charles F. Davis and
Perry L. Cooper, Olivet, Mich.

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, espe-
cially from the smaller and outlying towns.]

ADVANCE RUMORS.

Albany, N. Y.—The Albany Free Library Association has purchased a site on South Pearl St., and will in the near future erect a modern Library Building on it.

Americus, Ga.—The Masonic fraternity of Americus will erect a new temple. The building will be of pressed-brick and marble, three stories in height.

Annapolis, Md.—The main recitation building at the Naval Academy, one of the oldest of the group which form the institution, has been condemned by a Board of Inspectors composed of naval officers, and its use will be immediately discontinued. The walls of the ancient structure were found to be so badly sprung as to render it unsafe, and it is probable that it will be rebuilt.

Babylon, L. I., N. Y.—Chas. P. H. Gilbert, 18 Broadway, New York City, is preparing plans for a two-and-one-half-sty brick and frame dwelling, 150' x 28', and also stable and out-buildings, to cost \$50,000, to be built for Edward Hawley at Sutton Park. Chas. P. H. Gilbert, of 18 Broadway, New York City, is preparing plans for a 2½ sty brick and frame residence, 28' x 150', with wing, 24' x 90', also stable and out-houses, to be built at Sutton Park, for Edw. Hawley, at a cost of about \$50,000.

Boston, Mass.—Preliminary sketches and plans are being made for an additional building for the Massachusetts Institute of Technology.

Brooklyn, N. Y.—Joseph Ireland, 203 Broadway, New York City, has been selected architect for the new church and chapel to be erected on the corner of 32d St. and Foster Ave., Flatbush, for the Immanuel Presbyterian Church Society, at a cost of about \$60,000.

Bryan, Tex.—An election is to be held in December to decide on issuing bonds to build a \$20,000 Jail.

Calumet, Mich.—A new church will be erected in the spring by the Norwegian Lutheran Society at the corner of 7th and Oak Sts.

Calvert, Tex.—A combined City-hall and Fire-station is to be erected here.

Cape May, N. J.—It is stated that the Building Committee of the Presbyterian Church has adopted plans and will shortly ask for bids for the erection of their proposed church, to be erected at Hughes and Decatur Sts.; estimated cost \$20,000.

Castleton Corners, S. I., N. Y.—It is stated that the Castleton Corners Public School District has practically decided to erect a school to cost \$75,000 on the top of the Tarnpike Hill.

Chicago, Ill.—Harold F. McCormick has purchased the northeast corner of Quincy St. and 5th Ave. and it is reported that he will erect an eleven-story business-building on that site.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Doerr Bros., 1203 Chamber of Commerce Building, are preparing plans for a three-story apartment building, 96' x 123', to be built on 65th St. and Lexington Ave., for C. A. Londellus, at a cost of \$35,000. It will be stone up to the second story sills and will have pressed-brick on two sides.

C. C. Landt, 400, 113 Adams St., is about to erect two fine residences on Greenwood Boulevard, near 45th St., at a cost of \$15,000 each, after plans by C. M. Palmer, 1207 Monadnock Block.

Cincinnati, O.—It is reported that the Central Board of Directors of the National German Deaconesses' Home of the Methodist Episcopal Church has decided to erect a new hospital, and have authorized its agents to secure a site for the proposed building.

Cleveland, O.—The Williamson Co. has been formed to construct a sixteen-sty building on Euclid Ave. and the public square; capital, \$600,000. The incorporators are G. E. Herrick, H. Clark Ford, S. P. Baldwin, E. H. Hopkins and Frank R. Herrick, George B. Post, New York City, architect.

Deal, N. J.—Gilbert A. Schellinger, 128 Broadway, New York City, has prepared plans for a \$75,000 frame hotel to be built here.

The Atlantic Construction Realty Co., 32 Nassau St., New York City, will build a \$50,000 casino on the corner of Deal Esplanade and Ocean Ave., to be of brick, terra-cotta and frame construction; architect not selected.

Mrs. E. M. Benton, of Philadelphia, intends to build a two-and-one-half-sty \$10,000 frame residence soon.

Decatur, Ga.—It is stated that plans have been completed and bids will soon be asked for the new DeKalb County Court-house.

Denver, Col.—A new synagogue will be erected by the Temple Emanuel congregation to replace the building recently destroyed by fire. The new temple will be located on Capitol Hill, within the district bounded by Broadway, Downing, Colfax and 19th Aves., and it is estimated that the entire cost will not exceed \$42,000. Plans will be secured at once. Directors, Henry Frankle, Jos. Harrison, David May and others.

Des Moines, Ia.—A new church building will be erected by the First Methodist Episcopal Society, and it is stated that work will be commenced at once.

Detroit, Mich.—It is rumored that a Chicago firm of architects will receive the commission to prepare the plans for the new opera-house that is intended to take the place of the building lately destroyed by fire.

East St. Louis, Ill.—It is stated that a new school will be erected near Champa St. and Grand Ave., to cost about \$20,000.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

El Paso, Tex.—An election will be held on December 7 to vote on the question of erecting a new City-hall, at a cost of \$30,000, also for a new school-house in the Second Ward, and to improve the Mesa School-house in the Third Ward of said city at a cost of \$20,000.

Fort Dodge, Ia.—Negotiations are under way for the erection of a three-sty brick business building. Estimated cost, \$28,000. The building will be erected by Andrew Hower on 1st Ave., near 8th St. All three stories will be occupied by Ryan & Collins, for whom the building is being erected.

Freeport, L. I., N. Y.—It is stated that Cow Meadows has been leased to A. R. Rhoades, who will at once erect a \$75,000 hotel and several cottages.

Glen Cove, L. I., N. Y.—Wm. B. Tubby, 81 Fulton St., is preparing plans for a large handsome residence to be erected at Dosoris for Geo. B. Pratt.

Glenolden, Pa.—The Presbyterian Church Society contemplates building a new church and have placed the matter in the hands of the Board of Trustees to secure site, plans, etc.

Great Barrington, Mass.—J. McArthur Vance, Pittsfield, is preparing plans for a 2½-sty \$10,000 house to be built here.

Grundy Center, Minn.—The congregation of the Presbyterian Church will erect a new building in the spring to cost \$12,000.

Houston, Tex.—President Ripley, of the Gulf, Colorado & Santa Fé is reported to have authorized the erection of a new passenger depot to cost \$10,000.

Jacksonville, Fla.—The Union Congregational Church contemplates the erection of a new edifice on Hogan and Church Sts. The building will cost about \$15,000.

Joliet, Ill.—A site has been purchased by the School Board for the erection of a new school-house. Plans have been prepared for the new Catholic Orphans' Home building, to be erected at a cost of \$30,000. Mayor Lager is one of the interested parties.

Kankakee, Ill.—The Illinois Central Railroad Co. will build a new station to cost \$26,000.

Lenox, Mass.—Architects Rathbun & Harding, of Pittsfield, are preparing plans for a brick addition to W. D. Curtis's Hotel. It will be 109' x 50', and four stories high, cost about \$30,000.

Long Island City, N. Y.—The Queens County Board of Supervisors, at a meeting November 23, passed a resolution directing Preston Seaman to prepare plans and specifications for remodeling the Court-house and for building a new Jail, which it is proposed to construct in the rear of the present

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BUILDING INTELLIGENCE.	BUILDING INTELLIGENCE.	BUILDING INTELLIGENCE.
<p>(Advance Rumors Continued.) Court-house. The cost of the work will be about \$100,000. Louisville, Ky.—Plans have been prepared for an addition to be built to Kentucky Institute, to cost \$10,000. Lorain, O.—Plans have been prepared by Architects Coburn & Barnum, of Cleveland, for the proposed Y. M. C. A. Building to be erected here, to cost about \$20,000. Madison, N. J.—The Madison Field Club will build a new club-house to cost \$10,000. To be two-and-one-half-st'y frame structure, 120' x 60', shingle roof and sides. Stanley S. Covert, New York City, architect. Mamaroneck, N. Y.—Frank A. Rooke, architect and owner, 247 W. 125th St., New York City, will build a three-st'y brick building, store first story, flats above, costing \$8,000, with all latest city improvements. Contract not let. Mason City, Ia.—Guttererson & Colburn, architects, are preparing plans for the superstructure of the new Congregational Church, which is being erected in this city, and for which the foundation is completed. Further work on the structure will be suspended until spring, but as soon as the drawings are completed contracts will be let. Mattson, Ill.—At a meeting of the Grand Lodge of Odd Fellows at Springfield, November 15, it was decided to erect a chapel and school-building for the Orphans' Home, to cost about \$8,500.</p>	<p>(Advance Rumors Continued.) Medford, Mass.—A new Fire-station is contemplated. Milwaukee, Wis.—The Milwaukee Monument Association has been organized and will take preliminary steps toward erecting a Memorial Hall. H. C. Koch & Co., 904 Pabst Building, are the architects for the South Side high school building. The structure will be 175' x 230', three stories and basement, constructed of pressed-brick, with stone foundation and trimmings, and will cost about \$90,000. Minneapolis, Minn.—Geo. A. Weaver, of Urbana, O., has awarded the contract for the construction of his new warehouse, on N. 3d Ave. and 4th St., to Robertson & McKensie. Excavating is almost finished. The building will cost \$10,000. Monterey, Berkshire Co., Mass.—It is reported that Patton & Fisher, 50 Montauk Block, Chicago, Ill., have planned a \$15,000 country residence and barn, to be erected here for Curtis J. Judd of Chicago. It will be 50' x 90', and will be built of boulders and shingles. New London, Conn.—Plans are being drawn for a police-station to cost \$10,000, which is to be erected on Bradley St., as voted by the City Common Council November 15. Newport, R. I.—Stuyvesant Fish, of New York City, has accepted plans of Architect Dudley Newton for a Colonial style villa, to be started at once</p>	<p>(Advance Rumors Continued.) upon his property near Bailey's Beach. It is to be completed by June 1st next. Newton, Kan.—A new City-hall is to be erected here. The fire headquarters are also to be enlarged. New York, N. Y.—The plans for the new Hall of Records submitted at a special meeting of the Board of Estimate and Apportionment by the architect, John E. Thomas, were approved. Invitations for bids will be issued shortly. The Board refused to sanction the expenditure of \$120,000 on "the brownstone building" in City-hall Park to fit it for the City Court. James Brown Lord, 160 Fifth Ave., has been appointed by the Fire Department to prepare plans for a new engine-house, to be erected on 75th St., near Amsterdam Ave. Edward P. Casey, 171 Broadway, has been appointed to furnish plans for an engine-house to be erected on 159th St., northeast corner of Railroad Ave. The Board of Estimate and Apportionment met on November 22 and passed an appropriation of \$199,000 for a new five-st'y school building on 20th St., near 1st Ave. It is to be built of granite and have a roof playground. Northampton, Mass.—Local papers state that Graves Bros. are to erect a three-st'y brick building, 70' x 54', for their business purposes on Market St.</p>

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(Apartment-Houses Continued.)

North Plainfield, N. J.—Architects Lancaster & Rodgers are preparing plans for a three-story addition to the sanitarium in this place. It will cost \$10,000. Work will not be commenced until spring.

Oneida, N. Y.—The Board of Education is stated to have appointed Messrs. Beal & Fearon on the committee to investigate the matter of erecting a new high school, to cost about \$28,000.

Peoria, Ill.—The City Council has passed a resolution authorizing the Finance Committee to borrow \$25,000 for the erection of an Assembly Hall on the present City-hall site. Preliminary plans are now being submitted. This hall is in addition to the City-hall, which is to cost \$200,000.

Philadelphia, Pa.—Contractors are estimating on alterations and additions to 1510 Walnut St. for the University Club, from plans by Horace W. Sellers, of this city, and L. C. Holden, New York. A four-story back building will be built and many interior changes made.

Polo, Ill.—The St. Mary's Catholic Society will let the contract soon for a \$10,000 church, 50' x 70'. Work to commence in the spring, Rev. John McCann, Oregon, Ill., pastor.

Pontiac, Mich.—Plans have been prepared by Fisher Bros., architects, National Block, for a new library building for the trustees of the Stout Memorial Library. It will be 60' x 90', two stories, constructed of brick, with stone foundation and trimmings, composition roof, and will cost about \$8,000.

Port Huron, Mich.—A Y. M. C. A. building, 75' x 150', to cost \$10,000, is about being erected. It will be arranged to accommodate the Public Library, as also stores, offices and society rooms. G. C. Meisel has charge.

Portland, Ind.—Plans have been prepared for a new structure to be erected for Methodist Episcopal Society; cost, \$10,000.

Portland, Ore.—The members of the Washington Lodge, No. 46, A. F. and A. M., are considering the matter of erecting a new lodge building.

Princeton, Ind.—It is reported that an opera-house and hall will be erected by the A. O. U. W.

Racine, Wis.—The Board of Education is considering the matter of erecting three new school-buildings to cost \$50,000.

Red Bank, N. J.—The Mercantile Cooperation Bank is having plans prepared for a three-story brick and limestone bank-building to be erected at a cost of \$20,000. Bids will be called for when the plans are completed.

Rock Island, Ill.—L. S. McCabe, dry goods merchant, will erect a building for a store and office-building. The building will probably be five or six stories in height, with a frontage of 200' on 3d Ave. and 90' on 18th St.; cost about \$20,000.

Salem, Mass.—Plans by Beckford & Graves, 209 Essex St., for the proposed new \$15,000 brick fire-station to be erected at the corner of Boston and Essex Sts. have been accepted by the Joint Committee on fire department. The matter has been referred to the City Government, to be decided at the next meeting.

Selma, Ala.—It is stated that the congregation of the Christian Church have decided to build a new edifice.

Soudan, Minn.—Bonds to the amount of \$9,000 have been voted by the school district for the erection of a new school-house.

Springfield, Mo.—The St. Louis & San Francisco is preparing to enlarge its passenger depot, and when the improvements are completed the building will be 35' x 300' in dimensions, which is about twice its present size.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Springfield, O.—It is reported that the C. C. C. & St. L. Ry. will build a new depot.

St. Louis, Mo.—Local papers state that the contract for the construction of the Hargadine-McKittrick Building, to be erected on Washington Ave., between 9th and 10th Sts., has been awarded to B. Weber & Son, of St. Louis, at \$182,442. The Lister Sanitarium Co. has been incorporated, to build a \$75,000 sanitarium. Address John V. Cohick, 623 Chestnut St.

Stockbridge, Mass.—Stephenson & Greene, of 5 Beekman St., New York City, are preparing plans for a 2½-story frame Colonial residence, about 45' x 115', to be erected at a cost of about \$20,000.

Tuckahoe, N. Y.—Architect George Palliser, 22 Park Pl., has prepared plans for a club stable, to be two stories, 60' x 60', built of frame, with stone foundation, shingle roof, four boxes and nine single stalls.

Tampa, Fla.—N. J. Clayton & Co., Galveston, Tex., have made plans for a granite and marble church, 60' x 160', to cost \$125,000, for the Roman Catholic Church, of which Rev. W. Tyrrell, S. J., is pastor. Contracts not let.

Washington, D. C.—The Daisy Chain Hospital Guild, of this city, Mrs. Archibald Hopkins, president, is ready to build its new contagious hospital as soon as a building site is selected.

George S. Cooper will build six brick houses at 1411 to 1421 Twenty-first St., N. W. They will be three stories and basement, 20' x 51', with mottled brick fronts, mansard tin roofs, and bay-windows; cost, \$30,000.

Galloway & Son, contractors, have been awarded the contract for work on the Concordia Club-house, at about \$11,000. The plans for the work were prepared by Architects A. B. Mullett & Co.

West Hoboken, N. J.—At a meeting of the Trustees of St. Joseph's Roman Catholic Church, West Hoboken, November 19, it was decided to erect a \$50,000 edifice on Hill St. and Central Ave., and an architect was instructed to prepare plans.

Worcester, Mass.—Herbert D. Hall, 13 Exchange St., Boston, has prepared the plans for a \$15,000 residence for Mr. W. B. Wood. It will be located at Marlborough Farm.

York, Pa.—An addition to Grace Reformed Church is contemplated by that congregation. It will be two stories high, 40' x 115', constructed of stone and brick, and will cost about \$12,000.

ALTERATIONS AND ADDITIONS.

West Roxbury, Mass.—Exterior and interior alterations, costing \$8,000, to Weld Farm House; o., R. B. Williams, Esq.; b., W. S. Mitchell; a., J. A. Schweinfurth.

APARTMENT-HOUSES.

Biddeford, Me.—Three-story bk. flats and stores, 40' x 70', flat roof, steam; \$10,000; o., F. F. Beauregard; a., Johnson & Johnson, 405 Main St., Worcester, Mass.; not let.

CLUB-HOUSES.

Clayton, Mo.—Clayton and Hanley Roads, 2½-story fr. club-house, 70' x 269', comp. roof; o., St. Louis Country Club; o., Barnes & Hill; a., Shepley, Rutan & Coolidge, Chemical Building.

EDUCATIONAL.

Edgemont, S. D.—Two-story bk. & st. high-school building, pitch roof; \$24,000; o., Town; b., C. L. Tubbs; a., R. W. Grant, Lincoln, Neb.

Manistee, Mich.—Three-story & base. bk. & st. school & hall, steam heat; \$20,000; o., Rev. Edw. Kozlowski; not let.

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BUILDING INTELLIGENCE.

HOUSES.

Boston, Mass.—Cherokee St., nr. Pontiac St., Ward 19, two-story fr. dwell., 23' x 45', pitch roof, stoves; \$6,000; o. & b., John M. Kelley, Rosindale; a., Sam'l Rantin & Son.

Templeton and Edwin Sts., 4 three-story fr. dwells, 21' x 60', flat roofs, steam; \$15,000; o., Mary E. Blaine; b., Edw. E. Blaine, 258 Washington St.

Blue Hill Ave., nr. Walk Hill St., Ward 23, two-story fr. dwell., 24' x 48', pitch roof, furnace; \$4,500; o., John Manning; b., Walter Curley, 35 Cranston St., Jamaica Plain.

Spaulding St., nr. South St., Ward 23, three-story fr. dwell., 24' x 52', flat roof, stoves; \$4,500; o. & b., Benj. J. French, 40 Hall St., Jamaica Plain.

Beach St., nr. Centre St., Ward 23, two-story fr. dwell., 26' x 45', pitch roof, furnace; \$4,000; o., Mrs. M. J. McCarver, 9 Russell Park, Dorchester; b., F. J. Farquhar, Branch Ave., Dorchester.

Barrington St., nr. Mt. Everett St., Ward 20, two-story fr. dwell., 28' x 50', pitch roof, furnace; \$5,500; o., Susan A. Cole; b., D. McDonald.

Brackett St., nr. Washington St., Ward 25, 3 two-story fr. dwells, 28' x 48', pitch roofs, furnaces; \$12,000; o. & b., Ecklund & Emmons, 209 Washington St.

Denny St., nr. Savin Hill Ave., Ward 20, two-story fr. dwell., 23' x 28' x 45', pitch roof, furnace; \$5,000; o. & b., L. Le Blanc, 100 Savin Hill Ave.

Thacher Road, Nos. 38-40, Ward 20, 2 two-story fr. dwells, 18' x 26' x 38', pitch roofs, furnaces; \$8,000; o., Wm. A. Spooner, 4 Trull St.

Millett St., nr. Atherwood St., Ward 20, 3 two-story fr. dwells, 28' x 50', pitch roofs, furnaces; \$15,000; o. & b., D. A. McDonald, 40 Buckingham Pl.

Duncan Pl., nr. Duncan St., Ward 24, two-story fr. dwell., 20' x 30', pitch roof, furnace; \$4,000; o., Ada E. Blackwell; b., E. D. Blackwell, 544 Shawmut Ave.

Sycamore St., nr. Prospect Ave., Ward 23, two-story fr. dwell., 24' x 40', pitch roof, furnace; \$4,000; o., Margaret Kelley; b., J. E. Kelley, 186 Sycamore St.

Maple St., nr. Weld St., Ward 23, 2 two-story fr. dwells, 30' x 34', pitch roofs, furnaces; \$8,000; o. & b., John H. Crane, 308 Warren St., Roxbury.

Wentworth St., nr. Norfolk St., Ward 24, three-story fr. dwell., 28' x 48', flat roof, furnace; \$4,000; o. & b., Daniel H. McInnis, 42 Baldwin St., Cambridge.

Colonial Ave., nr. Talbot Ave., Ward 20, 2 two-story fr. dwells, 28' x 48', pitch roofs, furnaces; \$10,000; o. & b., J. A. Sundberg et al., 15 Chapman Ave.

Commonwealth Ave., No. 508, Ward 11, four-story bk. & st. dwell., 25' x 64', flat roof, furnace; \$20,000; o., Dr. Alonzo Boothby; b., Whidden & Co.; a., E. W. Kingsbury, 13 Exchange St.

Blue Hill Ave., Nos. 336-42, Ward 16, 4 three-story bk. dwells, & stores, various dimensions, flat roofs, steam; \$35,000; o. & b., Lehighy & Finn, 16 Auburn St., b., Fred A. Norcross.

Grove St., nr. Blue Hill Ave., Ward 16, 3 three-story fr. dwells, flat roofs, steam; \$22,000; o. & b., Lehighy & Finn.

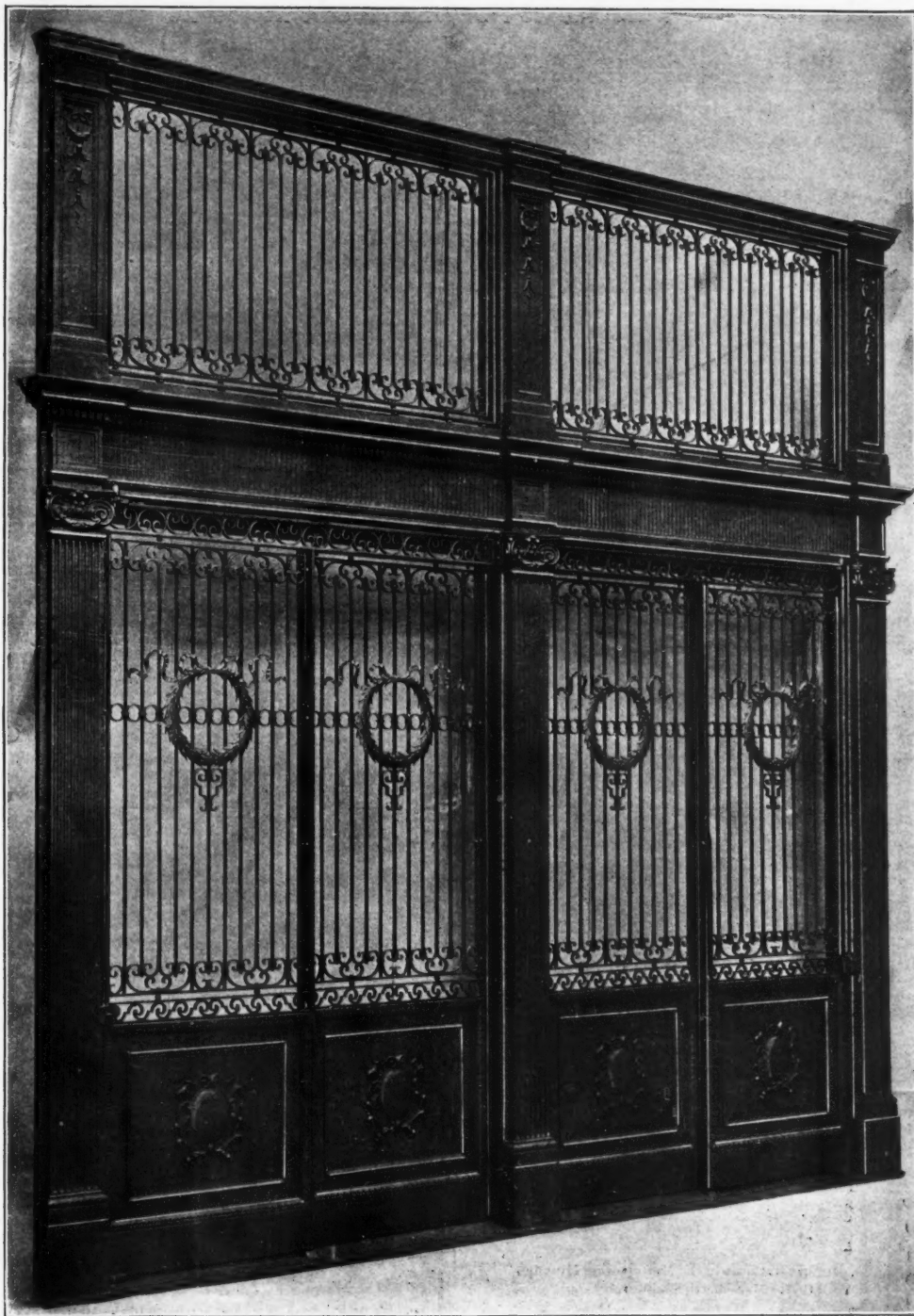
Sydney St., No. 194, Ward 20, three-story fr. dwell., 24' x 43', flat roof, stoves; \$4,500; o. & b., George W. Hamilton, 195 Sydney St.

Jones St., nr. Fairview St., Ward 23, two-story fr. dwell., 27' x 36', pitch roof, furnace; \$4,000; o., Barbara J. Morrison; b., Willis Bros., Rosindale.

E. Fourth St., nr. P St., Ward 14, 2 two-story fr. dwells, 28' x 65', pitch roofs, stoves; \$10,000; o. & b., H. S. & E. A. Clark, 6 Montague St., Dorchester.

P St., nr. 4th St., Ward 14, 2 two-story fr. dwells, 28' x 65', pitch roofs, stoves; \$10,000; o., H. S. & E. A. Clark.

[Continued on page xvii.]



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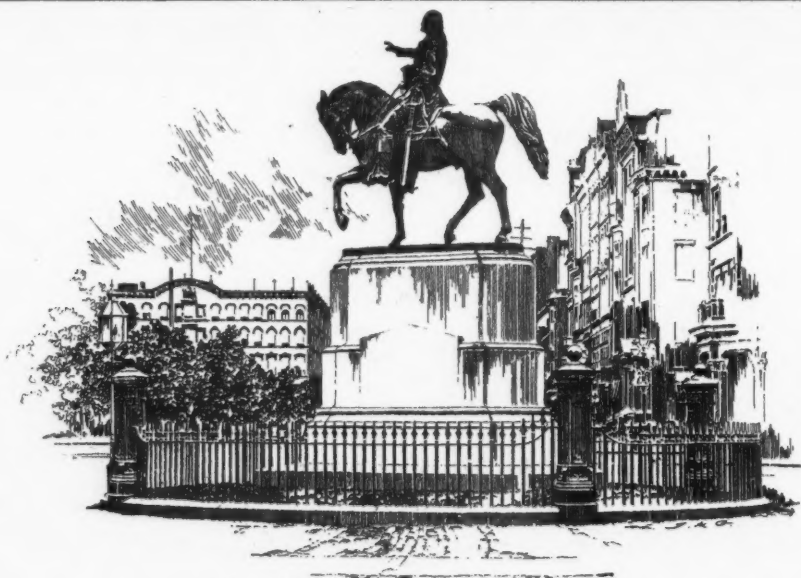
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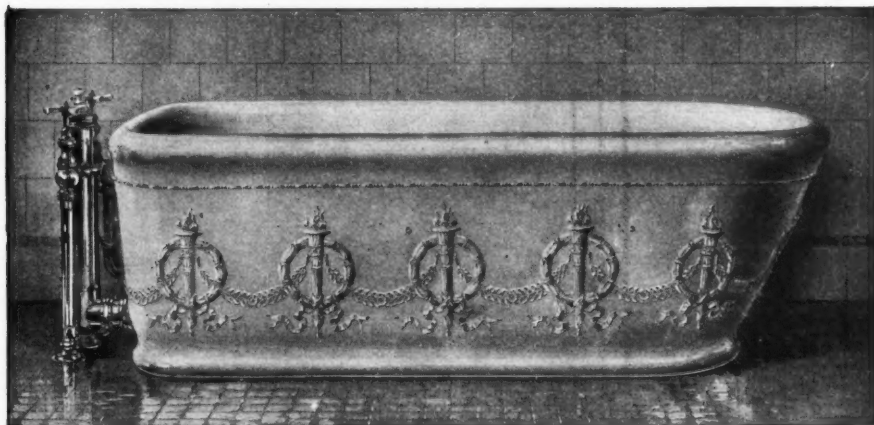
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(Houses Continued.)

Washington St., nr. Brackett St., Ward 25, 4 three-st'y fr. dwells, various dimensions, flat roofs, steam; \$20,000; o., Elizabeth Hartwell, Newton; b., Eklund & Emmons; a., E. P. Morse, 2158 Washington St.

Brookline, Mass. — Babcock St., nr. Manchester St., 2 1/2-st'y fr. dwell., 43' x 60', pitch roof, furnace; \$17,000; o., Albert Geiger, Jr., 131 Devonshire St., Boston; b., H. E. Goodwin; a., A. H. Vinal, Boston.

Harvard St., two 2 1/2-st'y fr. dwells, 39' x 44', pitch roofs, furnaces; \$22,000; o. & b., S. M. Shapleigh, 495 Warren St., Roxbury; a., Saml. D. Kelley, Boston.

Cambridge, Mass. — Martin St., No. 15, 2 1/2-st'y fr. dwell., 26' x 47', pitch roof, furnace; \$4,000; o., Mrs. A. Vogel, 16 Martin St.; b., J. B. Rice; a., H. Langford Warren, Boston.

Glennwood Ave., No. 37, two-st'y fr. dwell., 26' x 47'; \$4,000; o. & b., R. L. Perry, 322 Pearl St.

Chelsea, Mass. — Bassett St., 2 1/2-st'y fr. dwell., 32' x 42', shingle roof, furnace; \$5,000; o., Mrs. Ella Jackson; b., J. R. Wyman, 65 Garland St.

Spencer Ave., three-st'y fr. dwell., 23' x 54', flat roof, stoves; \$4,000; o., J. W. Burko; b., George H. Steele, 456 Eastern Ave.

Detroit, Mich. — W. Boulevard, Nos. 293-307, 10 two-st'y bk. dwells.; \$25,000; o., G. B. Hubbard; b., John Finn.

King Ave., No. 40, three-st'y bk. dwell.; \$7,000; o. & b., Putnam & Moore.

Forest Ave., Nos. 80-86, 4 bk. dwells.; \$12,000; o. & b., Kestler & Hunter.

Hancock Ave., Nos. 212-18 and Antoine St., Nos. 925-39, 9 bk. dwells.; \$30,000; o. & b., J. E. Mills.

E. Elizabeth St., No. 77, bk. dwell.; \$6,000; o. & b., L. C. McBride.

Malden, Mass. — Tremont St., 2 1/2-st'y fr. dwell., 25' x 45', shingle roof, furnace; \$5,500; o., Albert Lotie, 164 Tremont St.; a., Ford & Mercer, West Everett.

Bryant St., No. 165, 2 1/2-st'y fr. dwell., 26' x 45', pitch roof, furnace; \$4,000; o., Harvey Hudson, 74 Faulkner St.; b., George E. Spillen.

Las Casas Road, two-st'y fr. dwell., 40' x 34', pitch roof, furnace; \$4,500; o. & b., E. W. Putnam; a., Merrill & Clark, Lowell.

Judson St., No. 66, two-st'y fr. dwell., 24' x 45', pitch roof, furnace; \$5,000; o., F. C. Freeman, 46 Judson St.; b., G. R. Lewis.

Newton, Mass. — Appleton St., two-st'y fr. dwell., 38' x 51'; \$6,000; o. & b., Higgins & Nickerson, Balley Place.

Centre St., two-st'y fr. dwell., 42' x 30', pitch roof, furnace; \$6,500; o., Nancy J. Shute; b., D. Hurley; a., O. F. Smith, Boston.

Commonwealth Ave., two-st'y fr. dwell., 28' x 34', pitch roof, furnace; \$4,500; o., Miss F. C. Sparhawk, Homer St.; b., W. I. Mable; a., Sophia D. Hayden, Highland Ave.

Central Ave., 2 1/2-st'y fr. dwell., 35' x 27', pitch roof, hot water; \$5,000; o. & a., A. S. N. Estes, 815 Washington St., Newtonville.

Providence, R. I. — Harvard Ave., 2 1/2-st'y fr. dwell.; \$5,000; o., R. E. Smith, 699 Broad St.; a., Geo. W. Cady & Co., 210 Westminster St.

BUILDING INTELLIGENCE.

STABLES.

Anderson, Ind. — Two-st'y bk. & st. livery-stable & barn, 36' x 144', comp. roof; \$3,500; o., C. K. McCullough; a., Peter La Belle.

Boston, Mass. — Summer St., Ward 2, two-st'y fr. stable, 48' x 98'; \$2,500; o., Lyon, Dupee & Co.; b., J. G. Caswell, 88 Trenton St., East Boston.

South St., Ward 23, fr. stable, 45' x 90', pitch roof; \$3,500; o., Harvard College; b., E. H. Cushing, Dedham.

Jones St., nr. Fairview St., Ward 23, fr. stable, 20' x 24' x 35'; \$1,000; o., Barbara J. Morrison; b., Willis Bros., Roslindale.

Brookline, Mass. — Babcock St., 1 1/2-st'y fr. stable, 40' x 40', pitch roof; \$2,000; o., Albert Geiger, Jr., Boston; b., H. E. Goodwin, Boston; a., A. H. Vinal, Boston.

Malden, Mass. — Main St., Rear No. 260, 1 1/2-st'y fr. stable, 26' x 32'; \$500; o. & b., J. Robertson, on premises.

Medford, Mass. — Off Harvard Ave., two-st'y fr. stable, 28' x 30'; \$500; o., F. L. Putnam, 17 Third St.; b., J. B. Hall.

Philadelphia, Pa. — Sixty-second-and-one-half St., nr. Hamilton St., two-st'y bk. stable, 16' x 26'; o., Chas. H. Young, 724 & Haverford Sts.

Orkney St., No. 1513, one-st'y stable, 24' x 38'; o., Jacob Hilbert, 2025 S. 8th St.

Bell St., nr. Spring Garden St., two-st'y bk. stable, 15' x 40'; o., Anthony Haigh, 53d & Pine Sts.

Sixth St., nr. Glenwood Ave., two-st'y brick stable, 16' x 41'6"; o., Franklinville Ice Manufacturing Co.

St. Louis, Mo. — Lindell St., bet. Newstead & Taylor Sts., 1 1/2-st'y bk. stable, 32' x 26'; \$1,000; o. & b., James H. O'Brien, 4037 Lincoln St.

Seabright, N. J. — Two-st'y bk. stable, 50' x 134'; \$5,000; o., Mrs. George B. Sandt, Red Bank, N. J.; a., Jos. Swannell, Red Bank.

TENEMENT-HOUSES.

Boston, Mass. — Prince St., No. 101, bk. tenement for 12 families, 17' x 50', flat roof, stoves; o., Mrs. Annie E. Guild; a., C. A. Halstrom, 7 Exchange Pl.

Clinton, Mass. — Grove St., three-st'y fr. tenement, 40' x 60', comp. roof, furnace; \$7,500; o., Peter R. O'Toole.

Jersey City, N. J. — Zabriske St., 5 three-st'y brick flats, 29' x 49'; \$25,000; o., Saml. Nagel; b., R. W. Sailer, 76 Montgomery St.

THEATRES AND HALLS.

Detroit, Mich. — Maybury Ave. No. 16, two-st'y bk. society building; \$20,000; o., Western Lodge 370, I. O. O. F.

MISCELLANEOUS.

Cambridge, Mass. — Green St., No. 129, four-st'y bk. & st. market & carriage house, 32' x 36', flat roof, steam; \$6,000; o., H. Fitzgerald; b., Henry McGahey; a., George Fogerty.

Meriden, Conn. — J. A. Schweinfurth, of Boston, has designed a \$15,000 monument to be built of Tennessee marble by Norcross Bros., for the W. L. Bradley Estate.

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PROPOSALS.

COURT-HOUSE. [At Hays, Kan.]
Bids are wanted by the Ellis County Commissioners until December 22 for constructing a \$15,000 Court-house. 1146

Treasury Department, Office Supervising Architect, Washington, D. C., November 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 15th day of December, 1897, and opened immediately thereafter, for all the labor and materials required for the improvements to the grounds of the United States Post-office, Court-house, etc., Charleston, S. C., in accordance with the drawing and specification, copies of which may be had at this office or the office of the Superintendent at Charleston, S. C. 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. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Improvement to Grounds of the United States Post-office, Court-house, etc., Charleston, S. C.," and addressed to the Supervising Architect. 1146

CHURCH. [At Portsmouth, Va.]
Proposals will be received until 12 o'clock M., December 14, for building St. Paul's Catholic Church. GEORGE W. MAUPIN, Secretary. 1145

ENGINE-HOUSE. [At Lancaster, O.]
Bids are wanted December 10 for constructing the proposed new fire-engine house. H. T. MECHLING, Clerk of the City. 1145

SCHOOL. [At Houston, Tex.]
Bids will be received until December 27 for a twelve-room brick and stone school-building for the City of Houston. RICE & DUNBAR, Architects. 1147

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PROPOSALS.
for the east building of the Rochester State Hospital, at Rochester, N. Y., may be sent by mail or delivered in person up to 12 M., on the 3d day of December, 1897, to Hon. Frederick Cook, President of the Board of Managers, Rochester State Hospital, Rochester, N. Y., at which time and place the Board of Managers will receive and open all proposals. Drawings and specifications may be consulted and blank forms of proposal obtained at the office of Dr. E. H. Howard, Supt., or at the office of I. G. Perry, architect, in the Capitol at Albany, N. Y. Each bid must be enclosed in an envelope, sealed

PROPOSALS.
and addressed to HON. FREDERICK COOK, President of the Board of Managers, Rochester, N. Y., and indorsed "Proposals for heating, ventilation and other work for the east building of the Rochester State Hospital, Rochester, N. Y." E. H. HOWARD, Secretary of the Board of Managers. 1146

ENGINE-HOUSE. [At Lancaster, O.] Bids are wanted December 10 for constructing the proposed new fire-engine house. H. T. MECHLING, Clerk of the City. 1145

PROPOSALS.
ODD FELLOWS' BUILDING. [At Indianapolis, Ind.] Bids are wanted December 21 for the construction of the new Odd Fellows' building. GEORGE SHIRTS, Chmn. Bldg. Com., I. O. O. F., Noblesville, Ind. 1146

CHURCH. [At Portsmouth, Va.] Bids are wanted December 14 for building St. Paul's Catholic Church. GEORGE W MAUPIN, Secretary. 1145

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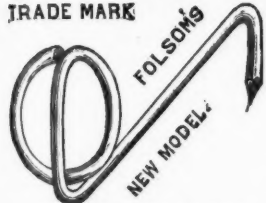
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Brown (Connecticut).....	90 @ 95	90 @ 1 00	1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Beverly.....	75 @ 1 00	80 @ 90	45 @ 55	85 @ 95
Berlin.....	80 @ 1 25	25 @ 1 35	0 @ 1 25	1 00 @ 1 10
Bellville.....	0 @ 1 00	75 @ 90	Not sold.	1 05 @ 1 15
New Brunswick (Dorchester).....	0 @ 1 30	0 @ 1 40	0 @ 1 55	0 @ 1 40
Potsdam Red.....	0	0 @ 2 00	0	1 25 @ 1 35
Caen.....	0	0 @ 1 05	0	95 @ 1 05
Carlisle. English.....	0 @ 1 05	0 @ 1 05	0	85 @ 1 05
Corse Hill (Scotch).....	0	0 @ 60	80 @ 1 50	55 @ 65
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	0 @ 1 00	0	0	Richmond
Lemont.....	0	0	0	P 75 @ 1 50
Serpentine.....	0	10 50 per ton.	0	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	0 @ 75	1 00 @ 1 25	37 @ 50
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Lee, Mass.....	0	1 75 @ 2 50	Not sold.	2 00 @ 2 50
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Sutherland Falls.....	1 25 @ 1 75	0 @ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	0	0	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	0	0	0 @ 4 40	2 50 @ 2 75
" Sienna.....	0	0	Not sold.	0 @ 5 00
Tennessee, red.....	0	0	0 @ 4 40	4 00 @ 6 00
" Knoxville.....	0	0	0 @ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	0	0	Not sold.	2 00 @ 3 00
Vermont, white.....	0	0	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 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
Black, Lehigh.....	0 @ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 80 @ 13 00
" Chapmans.....	4 25 @ 4 75	0	4 50 @ 5 50	4 00 @ 4 35
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 30 @ 6 15	4 50 @ 5 00
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	5 25 @ 6 50	4 35 @ 5 50
".....	5 50 @ 8 00	5 50 @ 8 00	4 25 @ 8 95	6 50 @ 9 00
".....	0	0	5 50 @ 9 20	6 50 @ 9 00
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" 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.....	ca 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	0	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
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Pine.....	0	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	0	24 00 @ 35 00	Not sold.	Not sold.
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Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Hemlock.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Yellow pine.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Laths: Spruce Slab.....	@ 1 75	0	16 00 @ 25 00	22 50 @ 30 00
Spruce.....	0	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Round Wood.....	@ 1 70	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	0	Not sold.	Not sold.
".....	4 00 @ 5 00	0 @ 4 50	2 00 @ 2 75	0 @ 2 75
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	Not sold.
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30' @ 35 @ 40
Cedar split..... P M.....	0	0 @ 6 00	Not sold.	24' @ 8 @ 21
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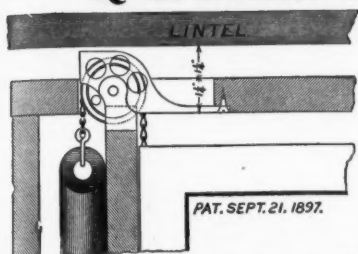
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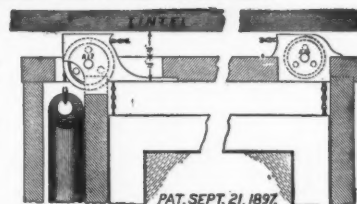
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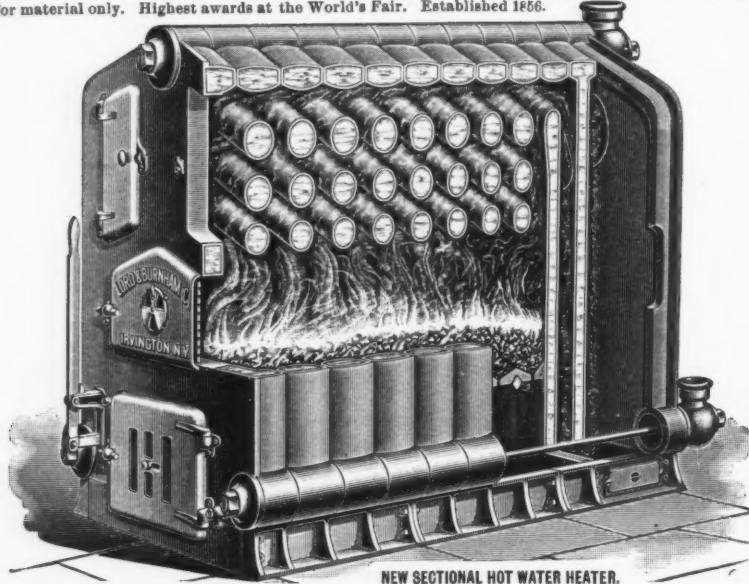
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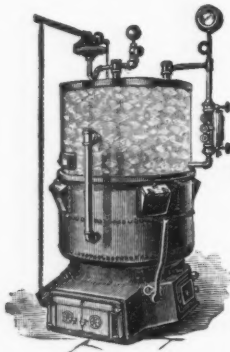


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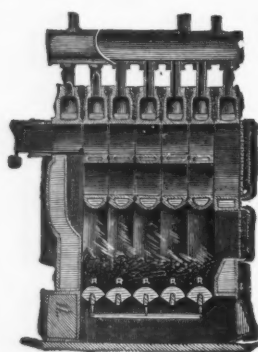
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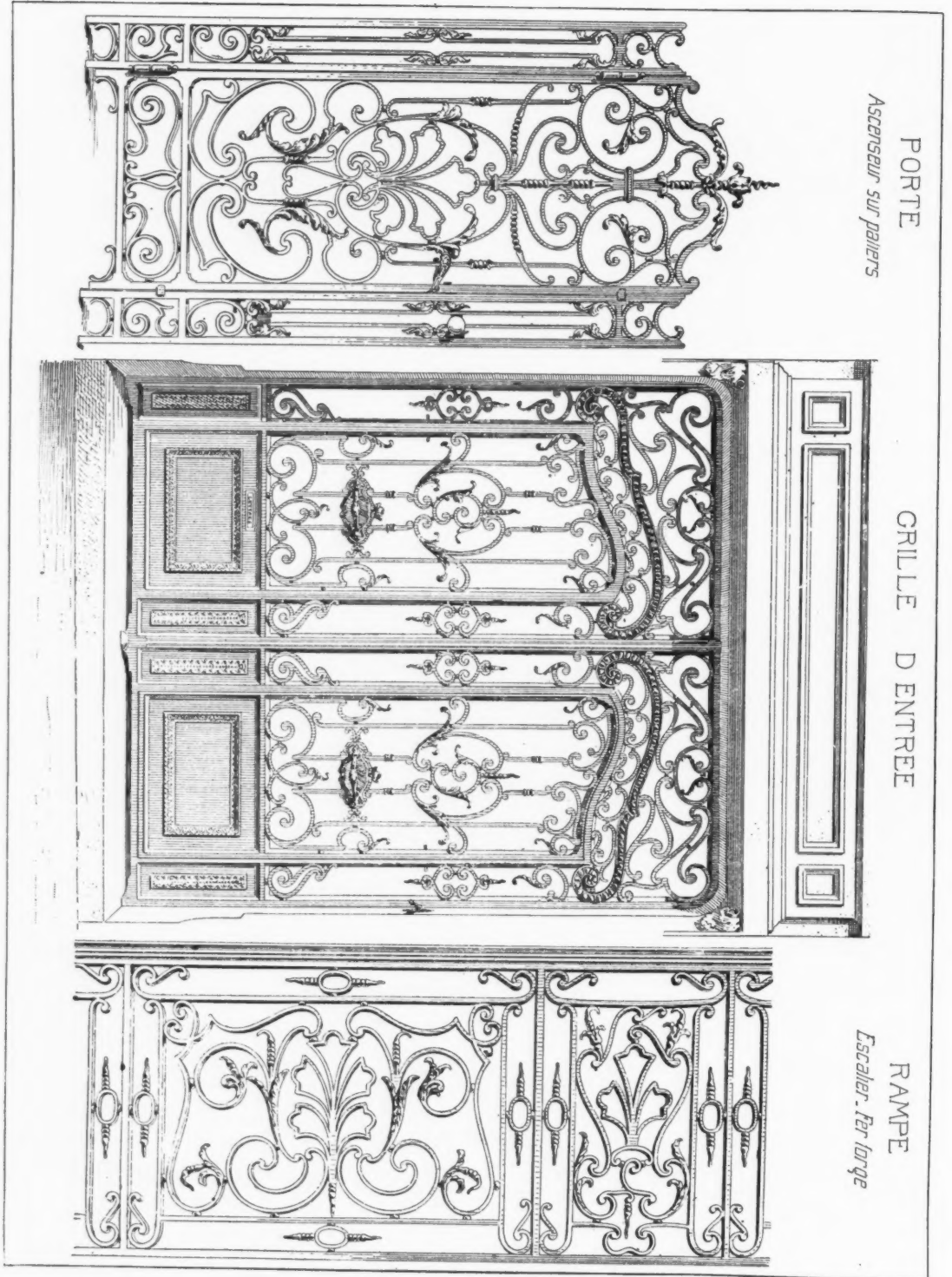
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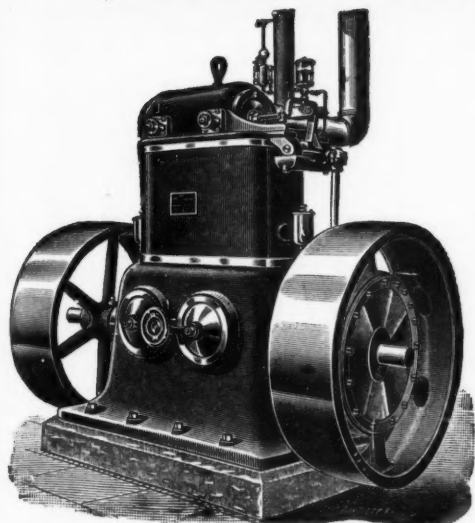
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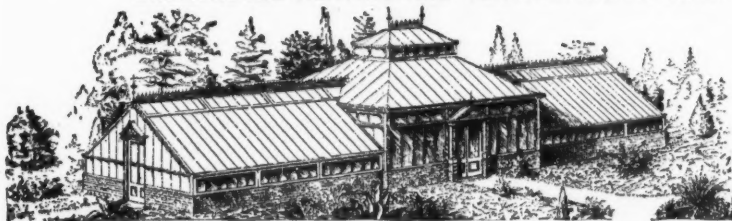
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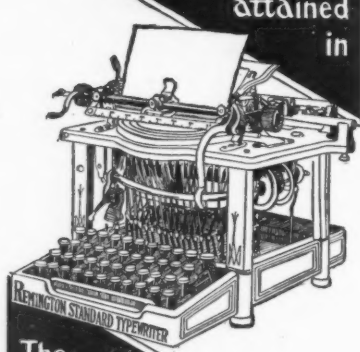
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BUILDING PATENTS.

- 594,787. CUSHION FOR WATER-PIPES.—Edward J. Gallagher, Lafayette, Ind.
- 591,801. CHAIN HOIST.—Jos. W. Kincaid, Reading, Pa.
- 594,812. PROCESS OF CONSTRUCTING WALLS, FLOORS AND CEILINGS.—Justus J. Smith, New York, N. Y.
- 594,836. CORNER-BRACE.—Jas. H. Dyett, Buffalo, N. Y.
- 594,838. FIRE-DOOR.—John E. Phillips, Chicago, Ill.

BUILDING INTELLIGENCE.

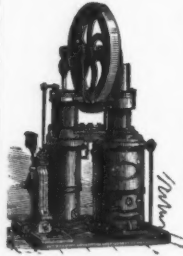
(Reported for The American Architect and Building News.)

[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.

- Amesbury, Mass.**—A new \$10,000 school-house for Elm St. is contemplated by the authorities.
- Ardmore, Pa.**—Edgar V. Seeler, Philadelphia, has prepared plans for a large country residence to be erected here. The building will cost about \$30,000. No contracts let.
- Atlanta, Ga.**—M. T. Lewman & Co. have received the contract from the Mobile & Ohio R. R. for construction of all depots, shops, etc., on its extension. Contract amounts to about \$1,000,000.
- Bala, Pa.**—Schermerhorn & Reinhold, Philadelphia, have made plans for a residence for V. A. Hollowbush. The drawings show a building, 50' x 70', of brick, Colonial architecture, with handsome interior fittings and sanitary appliances.
- Baltimore, Md.**—An ordinance has been introduced in the Council appropriating \$50,000 to build additions to the Eastern Female High School.
- Basking Ridge, N. J.**—Plans have been prepared for a new church to be erected here for the Methodist Episcopal congregation. It is to cost \$10,000. Work will not be commenced until spring.
- Beaumont, Tex.**—The Texarkana & Fort Smith Railroad Company will erect a new station here shortly. B. Gillham, Kansas City, is general manager.

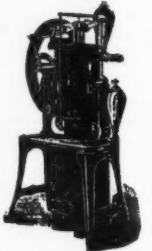
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- Belmont, Mass.**—It is reported that a syndicate is contemplating the erection of a \$25,000 brick block on Leonard St., adjoining the high school, in the spring. Selectman H. O. Underwood is interested.
- Brookfield, Mo.**—The Brookfield Methodist Church will erect a new building to cost \$10,000.
- Buckhannon, W. Va.**—Plans are being prepared for a new county Court-house.
- Buffalo, N. Y.**—W. H. Archer has prepared plans for a flat-building at the corner of Tupper and Virginia Sts. It will be three stories, built of brick and will contain 12 suites of apartments. It will have steam heat and all improvements; it will cost \$20,000.
- Cambridge, Mass.**—Clark & Tyler, 15 Court Sq., Boston, are preparing plans for four double houses, to cost \$46,000, and to be located on Harvard and Davis Sts.; owner, N. Tarlinski.
- Champaign, Ill.**—A new Young Men's Christian Association Building is to be erected here. \$26,000 has been raised for the work.
- Chicago, Ill.**—A twelve-story addition is to be erected to the New York Life Insurance Building on La Salle and Monroe Sts., at a cost of about \$300,000. Henry Phipps, Jr., of Pittsburgh, Pa., is at the head of the syndicate which owns the present building and it is said he will furnish the capital for the addition. The St. John Methodist congregation has acquired the property on the northeast corner of St. Louis Ave. and Jackson Boulevard, on which they will erect a church in the near future, Rev. J. Clayton Youker, pastor.
- Depew, N. Y.**—The Wagner Palace Co., 51 E. 44th St., New York City, have purchased land and contemplate building a large brick car-house.
- De Smet, S. D.**—Press reports state that W. L. Dow, architect, of Sioux Falls, is preparing plans for a \$15,000 Court-house for Kingsbury County.
- Detroit, Mich.**—The designs of Mason & Rice have been accepted by the Clarke Estate for the new opera-house which will replace the one lately destroyed by fire. C. J. Whitney is the lessee and manager.
- Dover, N. H.**—By the will of the late Mrs. Claragusta L. Hayes, a bequest which is estimated at \$50,000, is given for a hospital for the inhabitants of Dover, to be known as the Hayes Hospital, the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- said corporation to be formed by James W. Bartlett, James A. Reynolds, James Houston, together with their associates. The Hon. Samuel D. Felker of Rochester is the executor of the will.
- East Liverpool, O.**—W. H. Banfield, owner of the Irondale tin mill, will erect a large sheet mill and steel plant, to cost \$250,000.
- East Rockaway, L. I., N. Y.**—It is stated that \$10,000 has been appropriated for a new school-house for this place.
- East St. Louis, Ill.**—The Board of Trustees of the Protestant Hospital have decided to erect a new hospital on 10th St. and Summit Ave.; estimated cost, \$30,000. T. J. Daniel, Chairman Building Committee.
- Englewood, N. J.**—The congregation of the Christian Reformed Church has decided to build a parsonage and lecture-room adjoining the church on the east side, at an estimated cost of about \$5,000.
- Fargo, N. D.**—Plans are being prepared by Albert S. Hecht, architect, 96, 163 Randolph St., Chicago, Ill., for a hotel building, to be erected by S. A. Tahl. It will be four-story and basement, 100' x 130', constructed of pressed-brick, stone trimmings, and will cost about \$60,000.
- Hartford, Conn.**—F. R. Comstock has prepared plans for a frame stable for A. L. Pope, to be erected on Prospect Ave., corner of Fern St.
- Indianapolis, Ind.**—Center Lodge, of the Independent Order of Odd Fellows, has filed a suit in the Circuit Court to prevent the carrying out of the present plans to build the new \$200,000 Grand Lodge Odd Fellows' Temple at Washington and Pennsylvania Sts. in this city. It claims an ownership in the Grand Lodge property and demands that the property be sold for the partition of the proceeds. It asks an injunction to prevent the tearing down of the present hall and to prevent the placing of a mortgage on the property for the purpose of erecting a new building.
- Jackson, Mich.**—The Dwight Theatre Co. has been organized with a capital stock of \$50,000 to erect an opera-house in the rear of the Dwight Building. Robert Lake is president of the company.
- Millen, Ga.**—A new high school building will be erected, to cost about \$15,000.
- Milwaukee, Wis.**—It is reported that E. R. Liebert, architect, is engaged on plans for a building

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

to be erected by the Sisters of Notre Dame at Elm Grove, at an estimated cost of \$100,000.

New London, Conn.—Dudley Donnelly and James E. Sweeney, the local architects, are preparing competitive plans for the new police-station, of which a choice is to be made and estimates received very soon by the committee, consisting of Alderman M. J. Roche, E. M. Crocker and Harris Pendleton.

Newport News, Va.—It is the purpose of the Board of Directors of the Young Men's Christian Association to erect a new building as soon as a site is secured. It will cost \$10,000.

New York, N. Y.—The Board of Estimate, at a meeting November 29, appropriated \$359,744 for the purchase of four new school sites.

North Adams, Mass.—Report states that J. P. Ashe will build a \$15,000 residence soon; architect, P. M. Lynch, Holyoke.

Ottumwa, Ia.—Clinton C. Nourse, architect, Des Moines, has completed plans and been awarded

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the contract for supervising the construction of a new \$30,000 high school building.

Philadelphia, Pa.—Architect Joseph Anschutz, of the Board of Education, is preparing plans for an addition to the James G. Blaine School, 30th and Norris Sts. It is to be built of gray stone and fancy brick, three stories and basement, and will conform with the present structure.

The alumni of Swarthmore College are engaged in raising funds to build a \$15,000 gymnasium next year. The following committee has the matter in charge: Wm. Hyde Appleton, Charles De Garmo, Wm. L. Elkins, Jr., Frederick C. Hicks, George A. Hoadley, Howard Cooper Johnson, Howard W. Lippenott, Wm. C. Sproul and Wm. G. Underwood.

Architect Willis G. Hale is preparing plans for an operation of 100 houses, to be erected at Overbrook for a stock company of Philadelphia capitalists recently organized. They will be built of face brick, with stone trimmings, three stories and basement, measuring 30' x 50' each.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Frank R. Watson has completed plans and specifications for a stable to be erected at 18th and Brandywine Sts. for George Allen. The building will be 34' x 60', two stories high, of brick and stone. No contracts let.

G. W. & W. D. Hewitt have plans in preparation for a club-house to be erected at 35th St. and Woodland Ave. The structure is to be of brick and stone, two stories high.

Pittsburgh, Pa.—Plans are being prepared by Chas. Bickel, architect, for a seven-story business building, to be erected for Kaufmann Bros. on Diamond and Smithfield Sts., to cost about \$250,000.

Richmond, Va.—Plans for a new church for the All Saints Episcopal Church Society to cost about \$50,000 are to be prepared with the intention of starting construction in the spring.

The competitive plans of Barney & Chapman, 1286 Broadway, have been selected for the All Saints Episcopal Church. The building will cost

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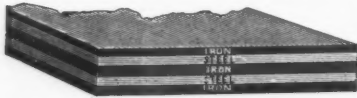
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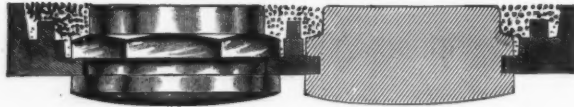
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

\$48,000, will be 75' x 108', and will be of brick and terra-cotta.

River Falls, Wis.—Reports state that the State Normal School lately destroyed by fire will be rebuilt without delay; probable cost, \$50,000.

Rock Island, Ill.—The contract for erecting the office-building for the modern Woodmen of America at this place has been awarded to Warren R. Roberts, of Chicago, at \$69,800.

Rome, N. Y.—The taxpayers have voted in favor of bonding the City for \$65,000 to build a new high school.

Scranton, Pa.—J. A. Duckworth, of this city, has been instructed by the Board of Control to prepare plans for a 12-room brick school-house for Ward 10, to cost about \$20,000.

Shiocton, Wis.—A new church will be erected by the Catholic Society, to cost about \$11,000.

Spokane, Wash.—The First Baptist Society has decided to erect a new church at 2d Ave. and Lincoln St. Funds will be raised at once, and a building to cost \$40,000 is proposed, Rev. Dr. Van Osdel, pastor.

Staten Island, N. Y.—A serious controversy over the site for the proposed new school-building at Castleton Corners has arisen and the citizens of Westerleigh may oppose and defeat the effort to build the school-house.

Staunton, Va.—James D. Allen, 1017 Chestnut St., Philadelphia, Pa., has plans for an abattoir plant to be erected here. It is proposed to erect buildings to cost \$350,000, to cover five acres of ground. The same architect has also plans in preparation for a casino building to be erected at Pittsburgh, Pa. No contracts have been made and it is thought that the building will not be started until spring.

St. Paul, Minn.—The Minnesota Boat Club has had plans prepared for a new club-house which will be erected the coming season on Raspberry Island. It will be 72' x 132', two stories, frame, with a large gymnasium, 50' x 80', over the boat-room; cost, \$12,000.

Tennille, Ga.—It has been decided to build a new school-house to cost \$14,000.

Washington, D. C.—M. A. Kimmel will build six houses on 18th St., Washington Heights. They will be three stories and cellar, 20' x 100', with concrete and brick foundations, Roman brick and Hummelstown stone fronts, mansard slate and tin roofs, full bay-windows and steam heat; cost, \$45,000.

Wayland, Mass.—By the will of the late Warren G. Robie, just probated, the town is to be provided with a new library building. Besides giving the site, which will embrace a part of his own estate, the deceased bequeaths \$28,000 for the building and incidental purposes. The new building will be substantial and fireproof, and the library trustees will begin the work of construction at an early day.

White Bear Lake, Minn.—J. W. Stevens, of St. Paul, has prepared the plans for a frame summer hotel of 80 rooms, to cost \$35,000, to be erected at this place.

White Earth, Minn.—Plans have been prepared at the Indian office at Washington for the erection of a school-building for the reservation at this place. An appropriation of \$50,000 has been made. Contracts will be let early in the spring.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Woodville, Pa.—It has been proposed by directors of the poor, W. H. Guy, Robert Smiley and H. W. Oehse, that an Insane Asylum be erected at the Allegheny County Home, and that the county issue about \$100,000 worth of bonds to pay for it.

APARTMENT-HOUSES.

New York, N. Y.—One Hundred and Thirty-third St., cor. Amsterdam Ave., 5 five-sty' bk. & st. flats & stores, various dimensions; \$130,000; o. & b., J. T. Jenkins, 535 W. 144th St.; a., Ward Cunningham, 55 Lenox Ave.

Hewitt Pl., cor. 156th St., four-sty' bk. flats, 28' 8" x 65'; \$16,000; o. Jas. M. Ogden, 156th St. & Ogden Ave.; a., W. C. Dickerson.

Eighty-third St., nr. Amsterdam Ave., 2 five-sty' bk. & st. flats, 25' x 85'; \$50,000; o. Louis A. Horwitz; a., Frank E. Albinger, 9 Clinton Pl.

One Hundred and Fourteenth St., cor. Boulevard, five-sty' pressed-bk. & limestone flats, with store on first floor, 25' 11" x 95'; \$45,000; o., Wm. Drought, 201 W. 105th St.; a., Neville & Bagge.

One Hundred and First St., nr. Riverside Drive, seven-sty' double apartment-house, 50' x 87' 6"; \$80,000; o., Jos. Carrito, 20 W. 65th St.; a., Neville & Bagge.

One Hundred and Forty-eighth St., nr. Boulevard, seven-sty' bk. & st. flats, 25' x 85'; \$65,000; o., Alexander C. Campbell; a., Neville & Bagge.

Third St., nr. Avenue B, five-sty' bk. flats, 18' x 82'; \$15,000; a., F. A. Schmidt, 604 Courtlandt Ave.

Quincy, Mass.—Billings Road and Hancock St., two-sty' fr. building arranged for five stores on first floor & four flats above; \$10,000; o., Wm. E. Harmon, Boston; b., H. H. Newcomb, Boston; a., Frank T. Lent, Tremont Building, Boston.

HOUSES.

Allenhurst, N. J.—2½-sty' fr. dwell., 30' x 70'; \$9,000; o., E. F. Smith; a., Brouse & Arend, Trenton, N. J.

Arlington, Mass.—Bartlett Ave., 2½-sty' fr. dwell., 31' x 33', pitch roof, furnace; \$6,000; o., W. Shankland, Bartlett Ave.; b., Geo. H. Holbrook, Braintree.

Asbury Park, N. J.—2½-sty' fr. dwell.; \$15,000; o., Clarence S. Steiner, 729 Broadway, New York City; a., Cleverdon & Putzel, 41 Union Sq., New York City.

Sixth Ave., 2½-sty' fr. dwell., 30' x 50'; \$5,000; o., E. F. Smith; a., Brouse & Arend.

Bayonne, N. J.—2½-sty' fr. dwell., \$5,000; a., A. C. Lonyear, 126 Liberty St., New York City.

Bayport, L. I., N. Y.—2½-sty' fr. dwell.; \$12,000; o., Joseph H. Stoppani, 217 Lafayette Ave., Brooklyn; a., I. H. Green, Jr., Sayville.

Boston, Mass.—Litchfield St., nr. Benson St., Ward 25, two-sty' fr. dwell., 26' x 30' x 40', pitch roof, furnace; \$5,000; o., Elizabeth A. Hanson; b., Josiah Greene.

Waldeck St., nr. Park St., Ward 20, two-sty' fr. dwell., 27' x 42', pitch roof, furnace; \$4,000; o., Geo. W. Russell; b., John A. Block, 9 Longfellow St.

Island St., nr. Hampden St., Ward 17, three-sty' fr. dwell., 21' x 50', flat roof, stove; \$4,000; o., C. J. Campbell; b., F. A. Schofield, 42 Gramplan Way.

Fisher Ave., nr. Parker St., Ward 19, three-sty' fr. dwell., 25' x 47', flat roof, stove; \$5,000; o., Patrick Logan; b., T. Desmond, 1129 Columbus Ave.

Berry St., nr. Barrington St., Ward 20, two-sty' fr. dwell., 25' x 35', pitch roof, furnace; \$4,500; o., Elizabeth Percy, 28 Cobden St.; b., J. McLellan.

Blackwell St., nr. Bowman St., Ward 24, 3 two-sty' fr. dwells., 26' x 45', pitch roofs, furnaces; \$10,000; o. & b., George Lorman, 232 Fremont St., Somerville.

Munroe Terrace, No. 8, nr. Neponset Ave., Ward 20, two-sty' fr. dwell., 20' x 28' x 30', pitch roof, furnace; \$4,000; o. & b., C. S. Cornwall, 3 Montague St., Dorchester.

Bellevue Ave., nr. Columbia St., Ward 20, two-sty' fr. dwell., 27' x 36', pitch roof, furnace; \$5,000; o., H. M. Bickford; b., J. H. Holmes, 765 Dudley St.

Hoborn St., nr. Warren St., Ward 21, two-sty' fr. dwell., 24' x 25' x 64', pitch roof, hot water; \$6,500; o., Thomas Parker; b., Calvin Lamont, 69 Warren St., Roxbury.

Bakersfield St., cor. Mayfield St., Ward 20, 2½-sty' fr. dwell., 27' x 47', pitch roof, furnace; \$5,500; o., John Foster, 82 Alexander St.; b., J. H. Holmes, 765 Dudley St.

Linnet St., nr. Bellevue St., Ward 22, two-sty' fr. dwell., 20' x 35' x 35', pitch roof, furnace; \$5,000; o., Myra S. Cole, 21 Bower St.; b., W. J. Huntley.

Mayfield St., No. 79, Ward 20, two-sty' fr. dwell., 25' x 28' x 49', pitch roof, furnace; \$5,000; o. & b., J. M. Harlin, 419 Dudley St.

Bay State Road, nr. Raleigh St., Ward 11, four-sty' bk. dwell., 26' x 70', flat roof, furnace; \$25,000; o., Andrew G. Weeks; a., Chapman, Fraser & Blinn.

Baldwin St., Nos. 27-31, Ward 4, 3 three-sty' bk. dwells., 21' x 45', flat roofs, stove; \$15,000; o. & b., Peter G. Rice, Somerville; a., C. A. Halstrom.

Vale St., nr. Mercer St., Ward 15, 14 three-sty' bk. dwells., 20' x 40', flat roofs, stove; \$70,000; o., Mary F. Whitney; b., Herbert Whitney, 381 Dorchester St.

Brookline, Mass.—Buckminster Road and Fisher Ave., 2½-sty' bk. & st. dwell., 48' x 56', slate roof, furnace; \$20,000; o., J. W. Pierce, 53 State St., Boston; b., A. Hathaway & Sons; a., Dabney & Hayward, 120 Tremont St., Boston.

Brooklyn, N. Y.—Twenty-ninth Ave., Bensonhurst, 2½-sty' fr. dwell., 40' x 40'; \$8,000; o., Mrs. Emma Cable; a., A. E. Parfit, 26 Court St.

Deal, N. J.—Rosevald Ave., 2½-sty' fr. dwell.; \$8,000; o., Alfred Taff, 69 Mercer St., New York City; a., Frank Goodwille, 154 W. 34th St., New York City.

Detroit, Mich.—Malon Bros., two-sty' veneered fr. dwell., 76 Canfield Ave.; \$4,000.

East Orange, N. J.—S. Clinton St., 2½-sty' fr. dwell.; \$6,500; Walnut St., two 2½-sty' fr. dwells.; \$9,000; o., Sarah Ann Pring; a. & b., Fredk. Pring.

Edgemere, N. J.—2½-sty' fr. dwell., 40' x 40', & fr. stable; total cost, \$8,000; o., George W. Morrow, Jersey City; a., J. W. Roberts, Asbury Park.

Freeport, N. Y.—2½-sty' fr. dwell.; \$10,000; o. & b., J. J. Randall, 16 Bedford Ave., Brooklyn; a., E. Randall.

Highland Park, N. J.—2½-sty' fr. dwell., 32' x 60'; \$5,000; a., Robert C. Dixon, Jr., Union Hill, N. J.

Malden, Mass.—Waverly St., three 2½-sty' fr.

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Bellevue Ave., nr. Columbia St., Ward 20, two-sty' fr. dwell., 27' x 36', pitch roof, furnace; \$5,000; o., H. M. Bickford; b., J. H. Holmes, 765 Dudley St.

Hoborn St., nr. Warren St., Ward 21, two-sty' fr. dwell., 24' x 25' x 64', pitch roof, hot water; \$6,500; o., Thomas Parker; b., Calvin Lamont, 69 Warren St., Roxbury.

Bakersfield St., cor. Mayfield St., Ward 20, 2½-sty' fr. dwell., 27' x 47', pitch roof, furnace; \$5,500; o., John Foster, 82 Alexander St.; b., J. H. Holmes, 765 Dudley St.

Linnet St., nr. Bellevue St., Ward 22, two-sty' fr. dwell., 20' x 35' x 35', pitch roof, furnace; \$5,000; o., Myra S. Cole, 21 Bower St.; b., W. J. Huntley.

Mayfield St., No. 79, Ward 20, two-sty' fr. dwell., 25' x 28' x 49', pitch roof, furnace; \$5,000; o. & b., J. M. Harlin, 419 Dudley St.

Bay State Road, nr. Raleigh St., Ward 11, four-sty' bk. dwell., 26' x 70', flat roof, furnace; \$25,000; o., Andrew G. Weeks; a., Chapman, Fraser & Blinn.

Baldwin St., Nos. 27-31, Ward 4, 3 three-sty' bk. dwells., 21' x 45', flat roofs, stove; \$15,000; o. & b., Peter G. Rice, Somerville; a., C. A. Halstrom.

Vale St., nr. Mercer St., Ward 15, 14 three-sty' bk. dwells., 20' x 40', flat roofs, stove; \$70,000; o., Mary F. Whitney; b., Herbert Whitney, 381 Dorchester St.

Brookline, Mass.—Buckminster Road and Fisher Ave., 2½-sty' bk. & st. dwell., 48' x 56', slate roof, furnace; \$20,000; o., J. W. Pierce, 53 State St., Boston; b., A. Hathaway & Sons; a., Dabney & Hayward, 120 Tremont St., Boston.

Brooklyn, N. Y.—Twenty-ninth Ave., Bensonhurst, 2½-sty' fr. dwell., 40' x 40'; \$8,000; o., Mrs. Emma Cable; a., A. E. Parfit, 26 Court St.

Deal, N. J.—Rosevald Ave., 2½-sty' fr. dwell.; \$8,000; o., Alfred Taff, 69 Mercer St., New York City; a., Frank Goodwille, 154 W. 34th St., New York City.

Detroit, Mich.—Malon Bros., two-sty' veneered fr. dwell., 76 Canfield Ave.; \$4,000.

East Orange, N. J.—S. Clinton St., 2½-sty' fr. dwell.; \$6,500; Walnut St., two 2½-sty' fr. dwells.; \$9,000; o., Sarah Ann Pring; a. & b., Fredk. Pring.

Edgemere, N. J.—2½-sty' fr. dwell., 40' x 40', & fr. stable; total cost, \$8,000; o., George W. Morrow, Jersey City; a., J. W. Roberts, Asbury Park.

Freeport, N. Y.—2½-sty' fr. dwell.; \$10,000; o. & b., J. J. Randall, 16 Bedford Ave., Brooklyn; a., E. Randall.

Highland Park, N. J.—2½-sty' fr. dwell., 32' x 60'; \$5,000; a., Robert C. Dixon, Jr., Union Hill, N. J.

Malden, Mass.—Waverly St., three 2½-sty' fr.

[Continued on page xvii.]

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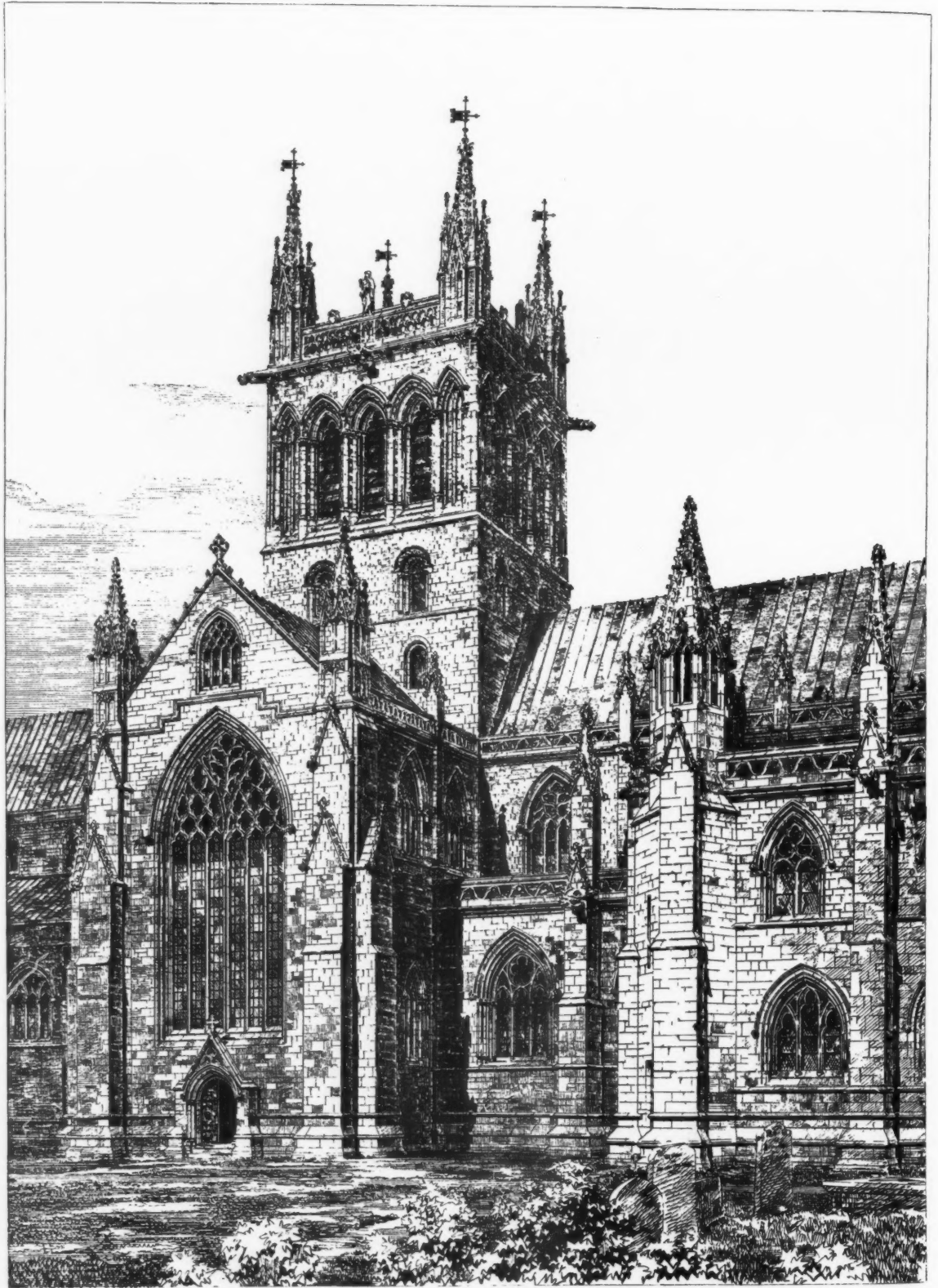
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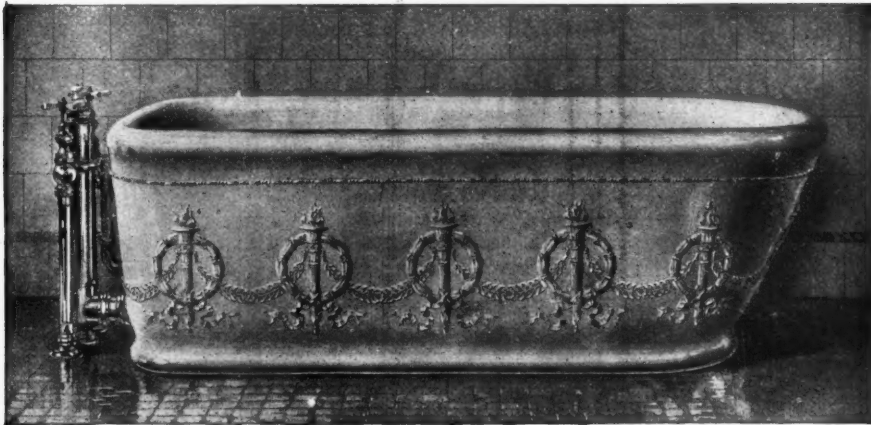
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Montclair, N. J.—Lloyd Pl., 2½-sty fr. dwell.; \$8,000; o., Charles D. Broste; a., Benson & Broadway, New York City.
2½-sty fr. dwell., 35' x 45'; \$5,000; o., William Francisco, 9 Cooper Union, New York City.
Newark, N. J.—Sidney Pl., 3 three-sty bk. & st. dwells, 50' x 60'; \$15,000; o., Mrs. Augusta Koch; a., Benj. F. Hurd, 925 Prudential Building.
Newton, Mass.—Pine Ridge Road, two-sty fr. dwell., 32' x 40', pitch roof, hot water; \$7,000; o., George K. Heald, 87 Milk St., Boston; b., W. B. McMullen; a., L. H. Bacon, 27 School St., Boston.
Pine Ridge Road, two-sty fr. dwell., 41' x 46', pitch roof, hot water; \$7,500; o. & b., F. S. Small, 45 Milk St., Boston; a., R. M. Bailey, Boston.
Brookline Ave., two-sty fr. dwell., 28' x 45', shingle roof, furnace; \$4,500; o., Misses M. and I. Upton, Walker St.; b., Higgins & Nickerson; a., E. N. Boyden, Boston.
Putnam St., two-sty fr. dwell., 30' x 62', shingle roof, furnace; \$8,000; o., J. L. Damon, Boston; a., E. N. Boyden, 35 Congress St., Boston.
New York, N. Y.—E. Eighty-fourth St., Nos. 13-15, four-sty & base., st. & bk. dwell., 49' x 102'; \$40,000; o., A. L. Norrie, 17 E. 41st St.; a., Renwick, Aspinwall & Owen.
One Hundred and Sixty-first St., bet. Melrose & Courtlandt Aves., three-sty fr. dwell. & store, 22' x 60'; \$5,000; a., Gustav Schwarz, 554 E. 158th St.
North Long Branch, N. J.—2½-sty fr. dwell., 40' x 44'; \$5,000; o., C. Asa Frances; a., Warren H. Conover, Freshhold, N. J.
Philadelphia, Pa.—Drexel Road, nr. 59th St., three-sty stone dwell., 50' x 54'; \$10,000; o., C. L. Dexter; b., Milton W. Young.
Contractors M. P. Wells & Co. will build 28 handsome dwellings on the north side of Girard Ave., west from 42d St., which are estimated to cost \$140,000. They will be three stories high, each 16' x 50'. Architect Angus S. Wade is the owner.
Richfield Springs, N. Y.—2½-sty fr. dwell.; \$5,000; o., Dr. C. C. Ransom, 152 W. 48th St., New York City.
Seabright, N. J.—2½-sty fr. dwell., 33' x 54' & fr. stable, 32' x 45'; \$10,000; o., J. A. Haskell, 99 Cedar St., New York City.
Three-sty fr. dwell.; \$20,000; o., W. N. Cromwell, 45 Wall St., New York City; a., Carrère & Hastings, New York City.
Spring Lake, N. J.—Two 2½-sty fr. dwells., 30' x 50' & 35' x 50'; \$10,000; a., Brouse & Amond, Asbury Park.
St. Louis, Mo.—Sidney and Arkansas Sts., two-sty bk. dwell., 29' x 48'; \$6,000; o., James J. Gerichtin, 4026 N. Grand St.; c., B. Nussler.
Lindell St., bet. Newstead & Taylor Sts., 2 two-sty bk. dwells., 41' x 42'; \$10,000; o. & b., James H. O'Brien, 4037 Lincoln St.
Russell St., bet. Thurman & Lawrence Sts., 3 two-sty fr. dwells., 22' 6" x 46'; \$12,000; o., L. E. Smith, 4626 Page St.; o., H. Parker.

BUILDING INTELLIGENCE.
(Houses Continued.)
Delmar St., bet. Hamilton & Goodfellow Sts., two-sty bk. dwell., 30' x 43'; \$7,000; o., Charles J. Franklin, 715 Chestnut St.; b., J. Franklin & Son.
Washington, D. C.—T St., nr. Lincoln Ave., Prospect Hill, three-sty bk. dwell.; \$5,000; o., F. H. Walker, of the Yale Steam Laundry.
West Hampton, L. I., N. Y.—2½-sty fr. dwell., 75' x 35'; o., Park Benjamin, 203 Broadway, New York City; a., Frank E. Wallis, 7 W. 30th St., New York City.
Worcester, Mass.—Winthrop St., two-sty fr. dwell., 40' x 56'; \$20,000; o., A. B. Wood; a., H. D. Hale, Boston; c., J. G. Vandreuil.
Etna St., three-sty fr. dwell., 29' x 60'; \$5,000; o., Thos. D. Mooney; a., A. J. Harrington; o., J. A. Courtmanche.
Isabella St., two-sty fr. dwell., 28' x 58'; \$5,000; o., Mrs. C. A. Adams; c., P. Keefe.
Park Ave., 2 three-sty fr. dwells., 29' x 51'; \$10,000; o. & c., F. J. Goff.
Yonkers, N. Y.—Morseme Ave., 2½-sty fr. dwell., 28' x 45'; \$5,500; 2½-sty fr. dwell.; \$5,000; o., Yonkers Heights Land Co.; a., H. B. Jeffrey, Syracuse.
Palisade Ave., 2½-sty fr. dwell., 31' x 49'; \$7,000; o., Samuel M. Raynor; a., Henry M. Congdon, 18 Broadway, New York City.
Roberts Ave., 2½-sty fr. dwell., 32' x 34'; \$5,000; o., E. H. Ryan, 1119 Broadway, New York City.
MERCANTILE BUILDINGS.
Hartford, Conn.—Main St., No. 370, eight-sty bk. & limestone business block, 54' x 200', comp. roof, steam; \$100,000; o., Sage, Allen & Co.; b., C. Bandrus et als.; a., Isaac A. Allen, Jr.
STABLES.
Boston, Mass.—Walnut St., No. 31, Ward 2, fr. stable, 25' x 30'; \$1,000; o., Asa P. Button, 10 Josephine St.; b., J. G. Eaton.
Cambridge, Mass.—Fifth St., No. 184, three-sty fr. & bk. stable, 46' x 104', flat roof; \$7,500; o., T. Libby, 85 Purchase St., Boston; b., W. W. Calkin; a., W. H. Brainerd, Ames Building, Boston.
Glen Ridge, N. J.—Bidgewood Ave., fr. stable & carriage-house; \$1,500; o., P. T. Betts; a., J. F. Capen, 784 Broad St., Newark.
Hartford, Conn.—Arundel St., 1½-sty fr. stable, 40' x 60', pitch roof; \$5,000; o., W. W. Walker; b., W. H. Bolyea; a., F. R. Comstock.
Malden, Mass.—Clarendon St., 1½-sty fr. stable, 20' x 25'; \$900; o. & b., Thomas W. Newcomb.
Morristown, N. J.—Wetmore Ave., two-sty fr. stable, 40' x 50'; o., Mulhail & Son; a., G. W. Bowers & Son.
North Bergen, N. J.—Boulevard and Bergentine Aves., frame stable & shed; \$1,500; o., Louis F. and Mary L. Emmerich.
TENEMENT-HOUSES.
Holyoke, Mass.—Centre St., four-sty fr. tenement, 16 flats, 55' x 90'; \$20,000; o., H. Cogswell; b., Gilbert Potvin & Son.
New York, N. Y.—Catherine St., No. 37, six-sty

BUILDING INTELLIGENCE.
(Tenement-Houses Continued.)
bk. store & flat, 27' x 90'; \$25,000; o., Fay & Stacom, 19 Margin St.; a., Chas. Rentz.
James St., Nos. 59-61, 2 five-sty bk., st. & terracotta stores & flats, 50' x 100'; \$50,000; o., P. Manescale, 70 James St.; a., Bernstein & Stone, 145 Centre St.
MISCELLANEOUS.
Detroit, Mich.—Louis Kamper, bk. police-station & barn, 54-60 Hamlin Ave.; \$12,000.
PROPOSALS.
Treasury Department, Office Supervising Architect, Washington, D. C., November 29, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of December, 1897, and opened immediately thereafter for all the labor and materials required for furnishing and placing complete all the iron vault and closet doors in the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Milwaukee, Wis. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Vault and Closet Doors for the United States Post-office, Court-house and Custom house, Milwaukee, Wis.," and addressed to the Supervising Architect. 1147
COURT-HOUSE.
[At Decatur, Ga.]
Proposals will be received by the Ordinary of the County of De Kalb, until 10 o'clock, on the 26th day of January, for the erection and full completion of a new Court-house at the county site. Messrs. Golucke & Stewart are the architects. W. M. RAGSDALE, Ordinary. 1148
SCHOOL.
[At Houston, Tex.]
Bids will be received until December 27 for a twelve-room brick and stone school-building for the City of Houston. RICE & DUNBAR, Architects. 1147
COURT-HOUSE.
[At Hays, Kan.]
Bids are wanted by the Ellis County Commissioners until December 23 for constructing a \$15,000 Court-house. 1146
Treasury Department, Office Supervising Architect, Washington, D. C., November 24, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 15th day of December, 1897, and opened immediately thereafter, for all the labor and materials required for the improvements to the grounds of the United States Post-office, Court-house, etc., Charleston, S. C., in accordance with the drawing and specification, copies of which may be had at this office or the office of the Superintendent at Charleston, S. C. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Gov-

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PROPOSALS.
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TO CONTRACTORS.
Sealed proposals for furnishing the materials and performing the labor required for heating, ventilating and furnishing a supply of steam and other work for the east building of the Rochester State Hospital,

PROPOSALS.
at Rochester, N. Y., may be sent by mail or delivered in person up to 12 M., on the 3d day of December, 1897, to Hon. Frederick Cook, President of the Board of Managers, Rochester State Hospital, Rochester, N. Y., at which time and place the Board of Managers will receive and open all proposals. Drawings and specifications may be consulted and blank forms of proposal obtained at the office of Dr. E. H. Howard, Supt., or at the office of I. G. Perry, architect, in the Capitol at Albany, N. Y. Each bid must be enclosed in an envelope, sealed and addressed to HON. FREDERICK COOK, Presi-

PROPOSALS.
dent of the Board of Managers, Rochester, N. Y., and indorsed "Proposals for heating, ventilation and other work for the east building of the Rochester State Hospital, Rochester, N. Y." E. H. HOWARD, Secretary of the Board of Managers. 1146

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"COLUMBIAN CLUB-HOUSE," St. Louis, Mo.
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F. H. Kimball, Architect. 5 views

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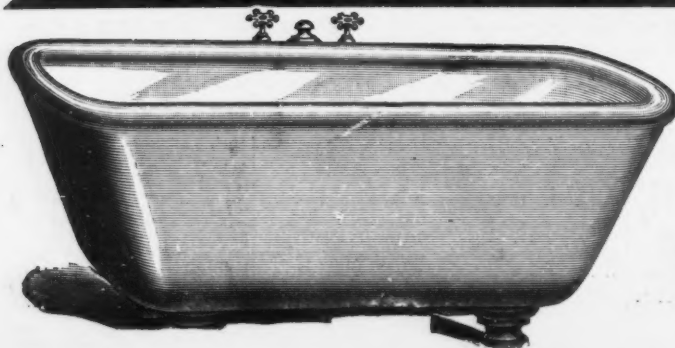
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BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	3 00 @ 3 25			
Jersey.....	5 00 @ 5 50			
Long Island.....				
Up River.....	5 12 1/2 @ 5 25			
Haverstraw Bay 2d.....	5 37 1/2 @ 5 50			
" 1st.....	7 00 @ 7 25			
Hollow.....				
Fronts:				
Croton, Brown.....	10 50 @ 11 00			
" dark.....	12 00 @			
" red.....	12 00 @			
Chicago pressed.....				
" Moulded.....				
Baltimore.....	37 00 @ 41 00			
Philadelphia.....	19 00 @ 21 00			
Trenton.....	17 00 @ 18 00			
Milwaukee.....				
Moulded:				
Red Pressed.....	@ 29 00			
" dark.....	@ 27 00			
Buff.....	45 00 @ 70 00			
Moulded Red & Buff.....				
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 110 00			
CEMENT, LIME, etc. (P cask.)				
Rosendale Cement.....	80 @ 85	95 00 @ 1 00		
Louisville.....				
Utica, Akron, Buffalo, Milw'ke.	Not sold.			
Portland, Eng. (Gibbs).....	2 25 @ 2 50			
" (R. P. & S.).....	2 50 @ 3 00			
" (Black Cross).....	2 25 @ 2 50			
" (Burnham).....	2 50 @ 2 50			
" (White's).....	2 85 @ 3 00			
" French (Lafarge).....	3 60 @ 3 75			
" Ger. (Alsen).....	2 90 @ 3 25			
" (Fewer).....	2 25 @ 2 40			
" (Vorwohler).....	2 50 @ 2 90			
" (Lagerdofer).....	@ 3 00			
" (Dyckerhoff).....	2 75 @ 3 00			
" (Hanover).....	2 50 @ 3 00			
" (Stettin, Anchor).....	2 35 @ 2 45			
Roman.....	2 75 @ 3 00	3 50 @ 4 00		
Keene's oarse.....	4 25 @ 4 75	@ 6 00		
" superfine.....	@ 6 50	7 00 @ 9 00		
Lime:				
Lime of Tell.....	@ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....	@ St. John			
Wisconsin Lime.....	@ 75			
Rockland and Rockport, (Dom.).....	@ 85			
Rockland, finish.....	@ 75			
Kelley Island Lime, finish.....	@ 90			
State, Com. cargo rates.....	@ 70			
State, finishing.....	@ 1 10			
Plaster-of-Paris (calcined).....	1 30 @ 1 40	1 85 @ 2 00		
" (casting).....	@ 1 60	@ 2 25		
Hair (cattle) P bush.....	14 @ 16	25 @ 30		
" (Goat).....	18 @ 21	@ 30		
Sand, P load.....	1 00 @ 1 25	1 00 @ 1 75		
Domestic Com.....		8 50 @ 9 50		
Domestic Face.....		18 00 @ 25 00		
Philadelphia.....		35 00 @ 40 00		
" 10 00 @ 11 00				
Phila. mould.....		50 00 @ 80 00		
Enamelled B'k. Imported.....		105 00 @ 120 00		
Enam. (edge).....		120 00 @ 135 00		
Enam. (edge).....		105 00 @ 120 00		
" (edge & end).....		120 00 @ 135 00		
Domestic.....		90 00 @ 100 00		
Enam. (edge).....		110 00 @ 115 00		
" (edge & end).....				
Bushnell Buff.....		25 00		
Building 4 50 sewer add 1.00 hollow, add 1.25 Enam. Imp. Bk. 125 00 @ 145 00 Enam. Domes. 70 00 @ 85 00 Select Red Sand. Mold...10 00 St. Louis Hyd'lc Press...27 00 Collinsville, do...22 00 Findlay, do 22 00 Chicago, do assorted shades 16 00 @ 20 00 Chicago, do Brown...24 00 Chicago, do Red Roman...24 00 Chicago, do Br'n Roman...27 00 Bushnell Buff.....25 00				
In Yard. Sq. Hard 900 @ 11 00 Salmon @ 8 00 Sq. " @ 6 00 Light Stretchers 11 00 @ 14 00 Medium " 12 00 Red " 13 00 Dark " 13 00 Pressed " 18 00 Best Paving 11 00 @ 15 00 Second " @ 13 00 Third " @ 12 00 Dom. { @ 85 @ 85 S.H.Fe'1 20 @ 1 50 @ 1 50 2 85 @ 3 15 2 30 @ 2 60 2 85 @ 3 15 2 75 @ 2 85 Belg'n 2 10 @ 2 40 Hemmoor 2 50 @ 2 75 2 75 @ 2 85 Josson 2 60 @ 2 75 3 00 @ 3 25 2 75 @ 2 85 B. Egl. 2 50 @ 2 75 3 00 @ 3 50 6 50 @ 7 00 8 00 @ 9 00 White Lime P bush 25 @ 30 White Mash 1 25 @ 1 50 1 00 @ 1 00 Not sold. 45 @ 55 45 @ 55 Not sold. 1 00 bulk, 75c. Not sold. Not sold. 1 50 @ 1 75 1 75 @ 1 90 1 2 @ 20 20 @ 25 30 @				

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THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

Vol. LVIII.—No. 1147.] SATURDAY, DECEMBER 18, 1897. PRICE, { REGULAR ISSUE, 15 CENTS
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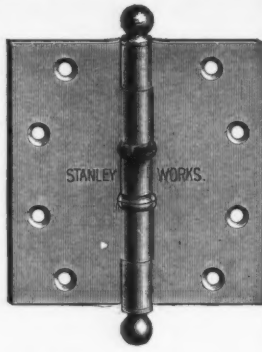
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

Table of Building Materials prices for New York, Boston, Chicago, and Philadelphia, categorized by material type (Stone, Limestone, Marble, Granite, Slate, Boards, etc.) and price per unit.

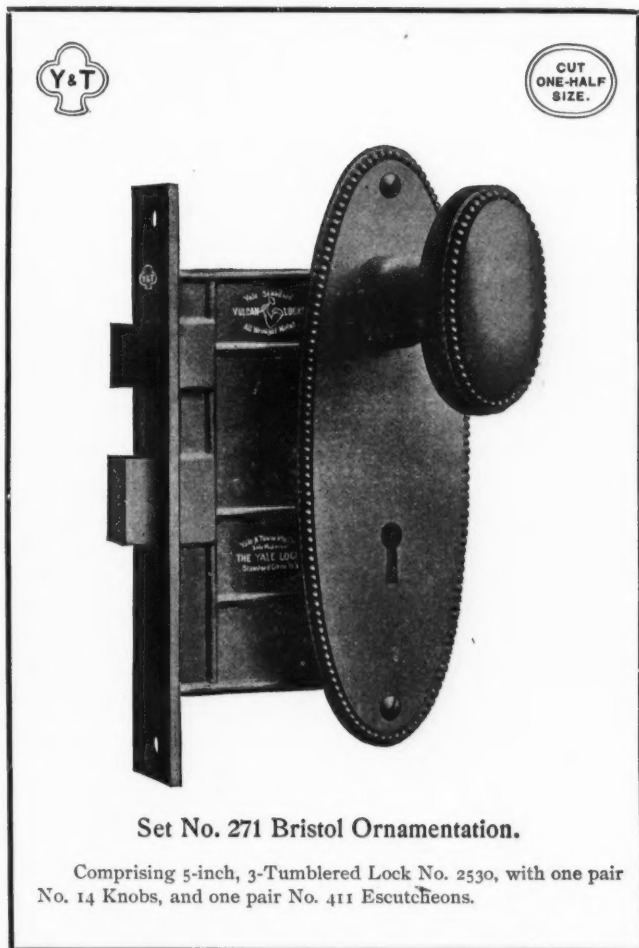
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From Page 75 of the Yale "Vulcan" Catalogue.

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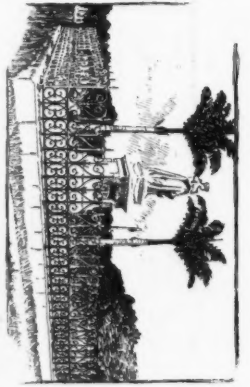
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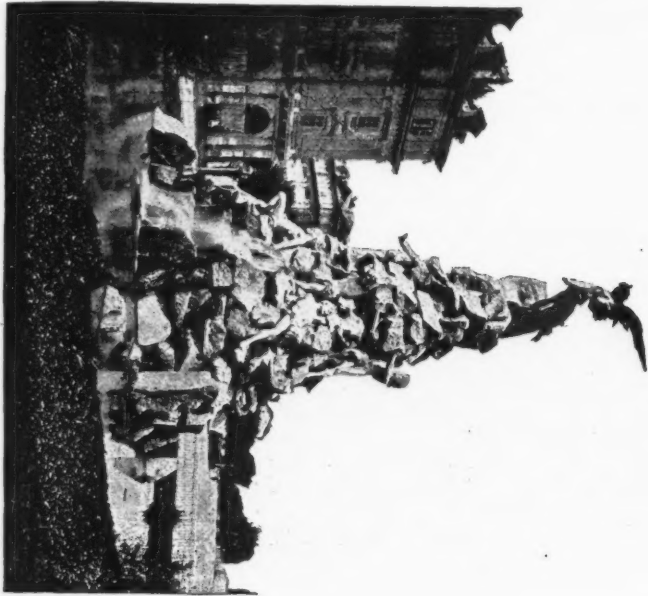
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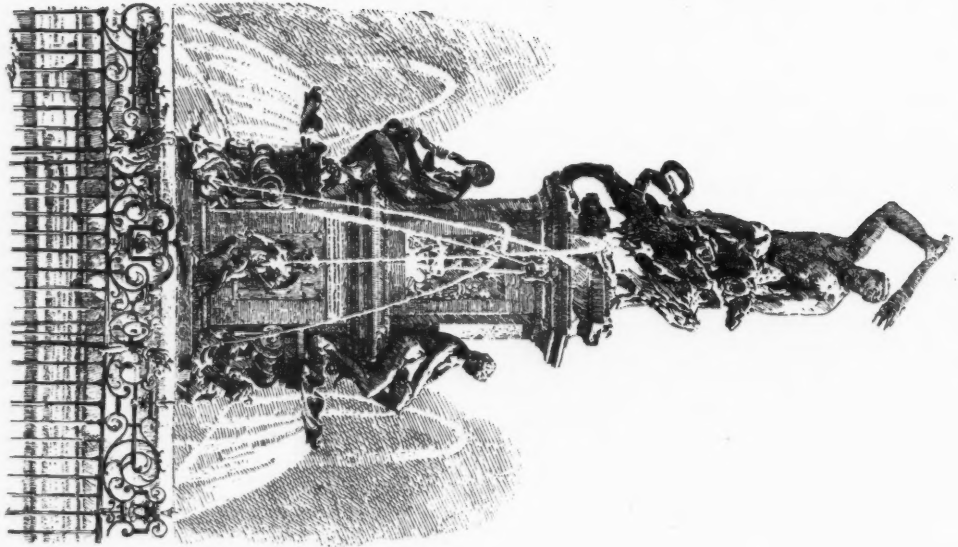
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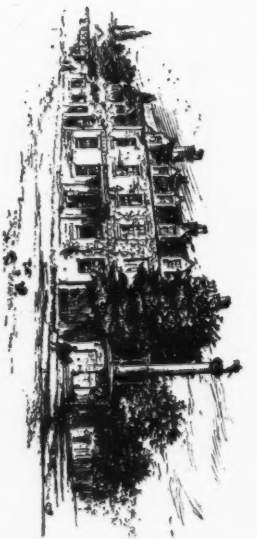
Statue of the Empress Josephine, Martinique, W. I.



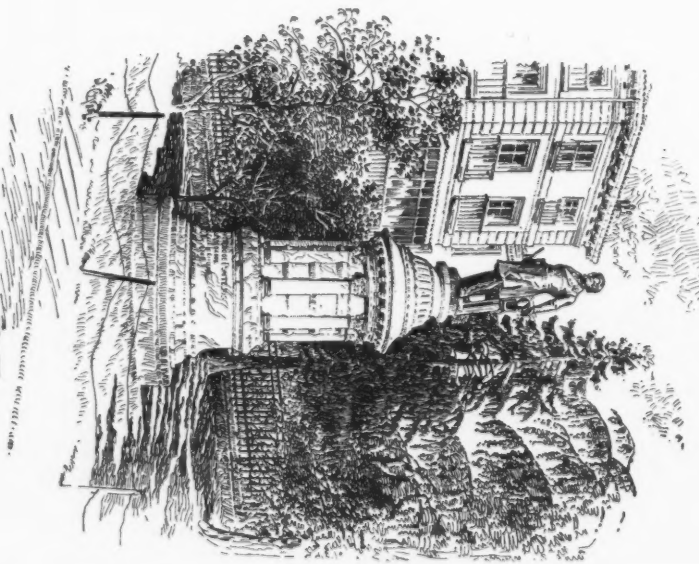
Commemorating Mt. Cenis Tunnel, Turin.



Hercules Fountain, Augsburg, Germany.



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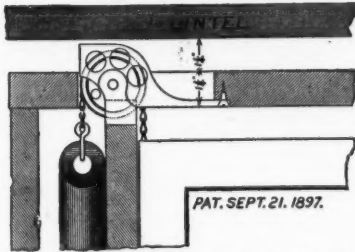
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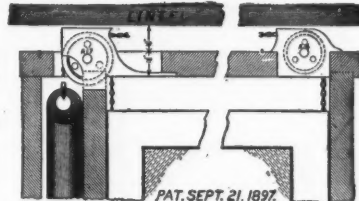
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BOSTON. CHICAGO. WASHINGTON. BALTIMORE. PHILADELPHIA. ST. LOUIS. WORCESTER.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

New York, N. Y.—The Executive Committee of the Board of Trustees of the College of the City of New York have met a committee of four from the alumni to discuss the proposed plans for new college buildings at St. Nicholas Terrace and Convent Ave. Everett P. Wheeler, speaking for the committee, offered the following resolutions expressing the unanimous views of that body: It is the sense of this committee that the plan to be adopted for the new college buildings should be one which admits of partial execution and further extension; that the plan should be one having entrances and appropriate architectural features on Convent Ave.; that we prefer the collegiate Gothic design for façades and recommend its special consideration, and that we assure the Committee of the cooperation of the Alumni in any endeavor to secure the grant of such additional sum as may be necessary to complete and equip the new college buildings on a scale and in a manner suitable to the greatness of our city and the needs of her young men. The Committee will act upon the recommendations and report to the Board of Trustees, which will meet in a week or ten days, and accept one of the plans.

The fire department has appointed James Brown Lord, 160 Fifth Ave., to draw plans for the new engine-house to be built on 75th St., and Edward P. Casey, 171 Broadway, to prepare plans for the new on-line-house to be erected at corner of Railroad Ave. and 159th St.

The Sinking Fund Commission has approved the plans for the new Court-house of the Appellate Division of the Supreme Court, which is to be erected at 25th St. and Madison Ave., at a cost of \$700,000. The plans were drawn by James Brown Lord. The building will be of white marble, three stories in height, and it will have a frontage on Madison Ave. of 50'. Estimates are invited on the work of construction.

The Trustees of the New York Library, the Astor,

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Lenox and Tilden foundations, have authorized the execution of the various contracts made by the city for the new library building in Bryant Park. They have also agreed to recommend as consulting engineers of the new structure the following: Theodore Cooper, structural work and foundations; Alfred R. Wolff, heating apparatus and ventilating machinery; Fattison Bros., electrical installation.

Neville & Bagge are preparing plans for a seven-story brick and stone apartment-house on plot, 100' x 100' 11", to cost \$250,000, and which will be erected on W. Central Park, corner 109th St.

Philadelphia, Pa.—Architects Milligan & Webber are preparing plans for a large operation of houses to be located at 56th and Market Sts. There will be 225 in all, measuring about 20' x 40' each, three and two stories and basement. The corners will have store buildings upon them.

Contractors Kemon & Andrews are digging cellars for 53 handsome stores and dwellings that are to go up on the site of the old Drove Yard, on Lancaster Ave., east of 52d St.

William A. Wells has started to build 10 two-story dwellings, each 15' x 38', on 64½ St., northwest from Woodland Ave.

George W. Stewart is erecting a three-story heating and plumbing establishment, measuring 75' x 34.12', at the northeast corner of Pennsylvania Ave. and Taylor St., for S. Faith & Co., at a cost of \$10,500.

Plans are being prepared by Hewitt Bros., architects, Bullitt Building, for a club-house to be built by the Psi Ypsilon fraternity of the University of Pennsylvania. It will be 50' x 200', two stories and basement, and constructed of brick and stone.

Pittsburgh, Pa.—The Slavonic Congregationalists of Braddock have purchased a lot 60' x 135' on Talbot Ave., Braddock, on which they will erect a church in the near future. Address Thos. Addenbrook.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The Daughters of the Revolution have arranged definite plans for the erection of a home to cost about \$12,000 on the old Block House property at the point.

Richfield, Wis.—The Evangelical Association will build a new church, for which proposals will be received until January 3, 1898. Peter Reichert, clerk.

Richmond, Va.—The \$10,000 needed to complete the \$100,000 with which to erect a new building for the Ginter Mechanics Institute has been secured and it is probable that something definite will be decided upon shortly.

Sherman, Tex.—The Building Committee of the Chickasaw Legislature have accepted the plans for their new building, submitted by J. A. Shannon, of Denison. The structure will be of native granite, two stories, and will contain nine department rooms, Legislature and Senate rooms, and will cost \$15,000.

A new high school building is contemplated. St. Louis, Mo.—It is stated that a hospital will be erected on Sheridan Ave. and Glasgow Pl., to cost about \$1,500,000. Richard M. Seruggs, Samuel Copples and Samuel M. Kennard are the promoters of the project.

Toledo, O.—The Presbyterian Society contemplate the erection of a new church, Rev. Campbell Coyle, pastor.

Tonawanda, N. Y.—Armitage, Huschel & Co. will build a three-story brick block on Main St. It will have all improvements and will cost \$30,000.

Washington, D. C.—Supervising Architect James Knox Taylor is securing data necessary to getting plans for the public building at Camden, N. J. Architects will be selected by Secretary Gage for competitive plans.

The Trustees of the Columbian University are

Iron Work.

JACKSON ARCHITECTURAL IRON WORKS, ESTABLISHED 1840.

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(Advance Rumors Continued.)

stated to have decided to erect a seven-story office building on 5th St., at an estimated cost of \$110,000. James G. Hill is the architect.

Wellsville, O.—The congregation of the First Methodist Episcopal Church are stated to have voted to build a new church, at a cost of \$20,000.

Wheeling, W. Va.—Plans are being prepared by Franschheim, Giesey & Faris, architects, for a hotel to be erected by the Truschel estate. The building will be five stories in height, 44' x 100', and will cost about \$30,000.

Worcester, Mass.—At the last meeting of the Worcester School Board a recommendation of the committee on school-houses that the City Council be requested to purchase land in the vicinity of the Oxford St. School for a twelve-room, three-story building was adopted. The cost of the proposed building was given at \$40,000.

The same committee recommended that the City Council be requested to erect at 1258 Main St. a four-room building, so constructed that it can be enlarged to eight rooms; estimated cost, \$16,000. Recommendation adopted.

A similar recommendation was adopted with reference to a proposed eight-room building at the corner of Edward and Earle Sts.; estimated cost, \$32,000.

A recommendation of the committee on high school accommodations, that the City Council buy 32,000 feet of land at Chatham and Oxford Sts., for an additional high school building, adjoining the present English High School, was adopted. Cost of proposed building was estimated at \$110,000.

The total cost of the buildings proposed by the School Board would be about \$200,000.

ALTERATIONS AND ADDITIONS.

Worcester, Mass.—Sutton Road, one-st'y fr. addition to mill; \$5,000; a., E. Makepeace & Co., Providence, R. I.; c., C. A. Colburn.

APARTMENT-HOUSES.

Brookline, Mass.—Washington and Park Sts., four-st'y bk. apartment-house of 12 suites, 75' x 80', comp. roof, steam; \$30,000; o., J. J. Cornell; a., J. F. & G. H. Smith, 13 School St., Boston.

Brooklyn, N. Y.—Forty-fifth St., cor. 4th Ave., four-st'y bk. & st. flats, 26' x 65'; \$11,500; o., W. Fryer, 55th St., nr. 3d Ave.; a., Thomas Bennett.

Chicago, Ill.—Clarendon Ave., Nos. 2126-28, three-st'y & base, st. flats, 44' x 68', gravel roof, steam; \$20,000; o., C. F. Swanson, 1334 Wilson Ave.; a., Oscar Lievendahl, 974 Seminary Ave.

Addison Ave. and Reta St., three-st'y & base. bk. & st. flats, 77' x 125', flat roof, steam; \$45,000; o., N. B. Johnson; a., Oscar Lievendahl.

Woodlawn and Minerva Aves., three-st'y bk. & st. flats, 69' x 76', comp. roof, steam; \$30,000; o., C. M. Harford; a., J. N. Emmons, 338 Sixty-third St.

Newark, N. J.—Four-st'y bk. & st. bachelor apartment-house, 50' x 92', extension, 15' x 50'; \$60,000; o., Syndicate; a., Charles J. Byles.

New York, N. Y.—Clinton St., Nos. 8, 10, 12, 3 three-st'y bk. & st. flats; \$60,000; o. & a., Nathan Langer, 276 Madison St.

Third Ave., cor. Rose St., 2 five-st'y bk. flats & stores; \$40,000; o., Owen Hanretty, 1476 Vyse Ave.; a., W. C. Dickerson.

Eighty-second St., cor. Park Ave., 3 five-st'y bk. & st. flats & stores, one building, 45' x 95', the others 27' x 87'; o. & b., F. Krupp, 27 Morningside Ave.; a., Gilbert Robinson.

CHURCHES.

Boston, Mass.—Bartlett St., nr. Lambert Ave., Ward 18, fr. church, 46' x 56', pitch roof, steam; \$12,000; o., Lutheran Society; a., E. L. Condon.

New York, N. Y.—Fifty-fourth St., Nos. 513-523, bk. & st. church, 75' x 100', and four-st'y parsonage, 20' x 55'; total cost \$44,000; o., Church of

BUILDING INTELLIGENCE.

(Churches Continued.)

St. Ambrose, Rev. Fr. O'Connell, 457 W. 51st St. pastor; a., James W. Cole, 403 W. 51st St.

EDUCATIONAL.

Edgemont, S. D.—Two-st'y & base, st. school, 76' x 85', pitch roof, stoves; \$15,000; o., School District No. 11; c., C. L. Tubbs; a., R. W. Grant, Lincoln, Neb.

FACTORIES.

Brooklyn, N. Y.—Wythe Ave., n w cor. Metropolitan Ave., four-st'y bk. factory, 32' x 47' 6"; \$36,000; o., S. Monday, 83 Grand St.; a., M. S. Schmelheiser, 789 Flushing Ave.

HOUSES.

Andover, Mass.—2 1/2 st'y fr. dwell., 36' x 45', shingle roof, hot air; \$7,000; o., Thomas E. Allen; a., J. E. Allen, Lawrence.

Arlington, Mass.—Glen Ave., 2 1/2 st'y fr. dwell., 28' x 35', pitch roof, furnace; \$4,000; o., A. F. Smergren; b., J. A. McKeag; a., Prescott & Sidebottom, Boston.

Boston, Mass.—Philips St., No. 79, four-st'y bk. dwell., 12' x 19' x 80', flat roof, stoves; \$9,000; o., M. Cohen, 139 Leverett St.; a., Clarke & Tyler. Greenville St., nr. Dudley St., Ward 17, three-st'y fr. dwell., 31' x 42', flat roof, hot water; \$5,000; o. & b., Geo. W. Meserve, 285 Columbus Ave.; a., Ernest N. Boyden.

Aideworth St., nr. Centre St., Ward 22, two-st'y fr. dwell., 30' x 35', pitch roof, furnace; \$5,000; o., R. S. Barrows; a., J. P. Campbell, 26 Boylston St., Jamaica Plain.

Dustin St., No. 50, Ward 25, two-st'y fr. dwell., 34' x 42', pitch roof, furnace; \$4,000; o., Thomas Kennedy; b., J. & W. H. Muldon, Brighton.

Stratford St., nr. Waldeck St., Ward 20, two-st'y fr. dwell., 19' x 26' x 35', pitch roof, furnace; \$4,000; o., Ellen C. Chaffee; b., M. J. Chaffee, 17 Edwin St., Dorchester.

Aecon Road, nr. Weld St., Ward 23, 2 fr. dwells., 25' x 38' & 26' x 31', pitch roofs, furnaces; \$8,000; o., Mrs. M. H. Merrick, Cambridge; a., A. Merrill Bowser, 31 Batavia St.; not let.

Wilbur St., nr. Upham Ave., Ward 17, 3 two-st'y fr. dwells., 22' x 49', pitch roofs, furnaces; \$10,000; o., M. Kaiser; b., Julian W. Keliard, 14 Angell St.

Everett St., nr. Aldie St., Ward 25, two-st'y fr. dwell., 26' x 44', pitch roof, furnace; \$4,000; o., W. H. Snow.

Atherstone St., cor. Fuller St., Ward 24, two-st'y fr. dwell., 21' x 40', pitch roof, furnace; \$4,700; o. & b., Robert Hamilton, Milton.

Sutherland Road, nr. Chestnut Hill Ave., Ward 25, 2 four-st'y bk. dwells., 24' x 76', flat roofs, steam; \$20,000; o., Elizabeth Morton; b., Francis T. Morton, 108 E. Dedham St.; a., Mead & Everett.

Chambers St., No. 178, Ward 8, four-st'y bk. dwell., 15' x 32', flat roof, stoves; \$4,000; o., Rosa Stern; b., David Stern, 35 N. Anderson St.

Unnamed St., from Central St., Ward 23, two-st'y fr. dwell., 22' x 35', pitch roof, furnace; \$4,000; o. & b., J. H. Burton, 4210 Washington St.

Maple Road, nr. Weld St., Ward 23, two-st'y fr. dwell., 31' x 37', pitch roof, furnace; \$4,500; o., Mrs. M. H. Merrick, Cambridge; a., A. Merrill Bowser.

Iroquois St., nr. Hilleide St., Ward 19, three-st'y fr. dwell., 25' x 46', flat roof, furnace; \$4,000; o. & b., G. H. Guibranson, 51 Mozart St., Jamaica Plain.

Park St., nr. Salisbury Park, Ward 24, 4 three-st'y fr. dwells., 24' x 44', flat roofs, stoves; \$15,000; o. & b., W. H. Britton, 2081 Dorchester Ave.

Brookline, Mass.—Columbia and Harvard Sts., 2 1/2-st'y fr. dwell., 33' x 33', pitch roof, hot water; \$12,000; o., L. F. Abbott; b., C. E. Seville, Boston; a., Alonzo D. Wright, Boston.

Beacon St., three-st'y bk. & st. dwell., 22' x 56', flat roof, steam; \$14,000; o. & b., Israel Nesson, 559 Massachusetts Ave., Cambridge.

Cambridge, Mass.—Trowbridge St., 2 1/2-st'y fr.

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(Houses Continued.)

dwell., 40' x 68', pitch roof, furnace; \$9,000; o., Mrs. Mary Keefe; a., J. J. Cunningham, 12 Pearl St., Boston; not let.

Jordan St., No. 7, four-st'y bk. dwell., 36' x 40', flat roof, stoves; \$7,500; o., Hattie W. Schmidt, New York City; b., A. De Stephano & Son, Prince St., Boston.

Brewster St., two-st'y fr. dwell., 50' x 53', shingle roof, furnace; \$9,000; o., Mrs. E. B. Whittemore; b., Thomas F. Harrington, Somerville; a., Gay & Proctor, Boston.

Chicago, Ill.—Washington Park Pl., nr. 50th St., three-st'y bk. double dwell., 45' x 60', comp. roof, steam; \$30,000; o., E. L. Juncan, 153 La Salle St.; a., Cowles & Ohrenstein, 115 Dearborn St.

Washington Park Pl., nr. 50th St., three-st'y bk. & st. dwell., 24' x 60', tile & comp. roof, steam; \$15,000; o., E. L. Juncan; a., Cowles & Ohrenstein.

Kenilworth, Ill.—2 1/2-st'y & base, bk. & st. dwell., 45' x 65', slate roof, hot water; \$15,000; o., F. L. Grunewald; a., Julius H. Zeitner, 2303 N. Hermitage Ave.

Ligonier, Ind.—2 1/2-st'y fr. dwell., 46' x 60'; \$12,000; o., Jacob Straus; a., H. L. Ottenheimer, 1203 Ft. Dearborn Building, Chicago, Ill.

Lowell, Mass.—Fort Hill Park, two-st'y fr. dwell., 40' x 60', pitch roof, hot air; \$5,000; o., P. F. Sullivan; a., Merrill & Clark; not let.

Philadelphia, Pa.—City Line Ave., w. 57th St. three-st'y st. dwell., 48' 6" x 72'; \$15,000; o., John M. Gest; b., Milton W. Young.

Providence, R. I.—Broad St. and Norwich Ave., three-st'y fr. dwell. & store; \$5,000; o., Minerva Bliss; b., I. W. Bliss, Warren.

St. Louis, Mo.—Westminster St., nr. Boyle St., three-st'y bk. & st. water terra-cotta trim. dwell., 53' x 76', comp. roof, hot water; \$20,000; o., Miss Emilie Maffitt; a., Barnett, Haynes & Barnett.

Washington St., bet. King's Highway & Lake St., two-st'y bk. dwell., 32' 6" x 54' 9"; \$8,500; o., F. E. Udell, 18th & Olive Sts.; o., A. E. Cork; a., Matthews & Clark.

Page St., bet. Whittier & Pendleton Sts., two-st'y bk. dwell., 44' x 72'; \$8,000; o., John A. Meisel, Washington St., nr. Broadway; o., Albert H. Haesler; a., Charles F. May.

Winchester, Mass.—Near Beacon St., 2 1/2-st'y fr. dwell., 38' x 46', pitch roof, comb. heat; \$7,500; o., P. A. Nickerson, J. S. Bonnell, Woburn; a., Clark & James, Boston.

Worcester, Mass.—Schaffner St., two-st'y double fr. dwell.; \$7,000; o., W. M. Hill; a., E. T. Chapin; o., F. J. Goff.

Schaffner St., two-st'y fr. dwell., 35' x 52'; \$5,000; o., O. A. Kelley, Jr.; a., C. H. Lincoln.

June St., two-st'y fr. dwell., 25' x 44'; also two-st'y fr. stable; cost complete, \$6,000; o., J. E. Farnel; a., Geo. and J. P. Kingston; o., W. B. Richardson.

Sherbrook St., 6 1/2 fr. dwells., 22' x 41'; \$6,000; o. & c., H. H. Bigelow.

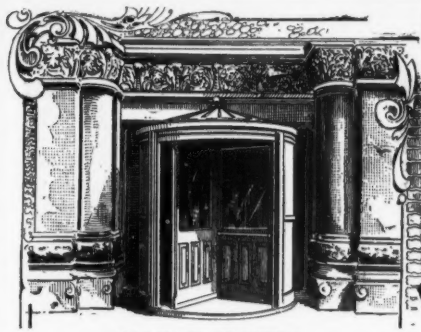
West St., two-st'y fr. dwell.; \$5,000; o., F. W. White; a., W. H. Harvey; o., F. Johnson.

F. Boylston St., 2 1/2-st'y fr. dwell., 41' x 41'; \$5,000; o., W. M. Stone; a., George H. Clemence; day-work.

Providence St., three-st'y fr. dwell., 29' x 62'; \$5,000; o., A. A. & A. E. Benoit; a., O. E. Neault; c., Dorias & Dupuis.

Burncoat St., two-st'y frame dwell., 41' x 50'; \$5,000; o., Mrs. Sarah H. Davis; a., W. R. Emerson, Boston; c., Rankin & Woodside.

[Continued on page xvii.]



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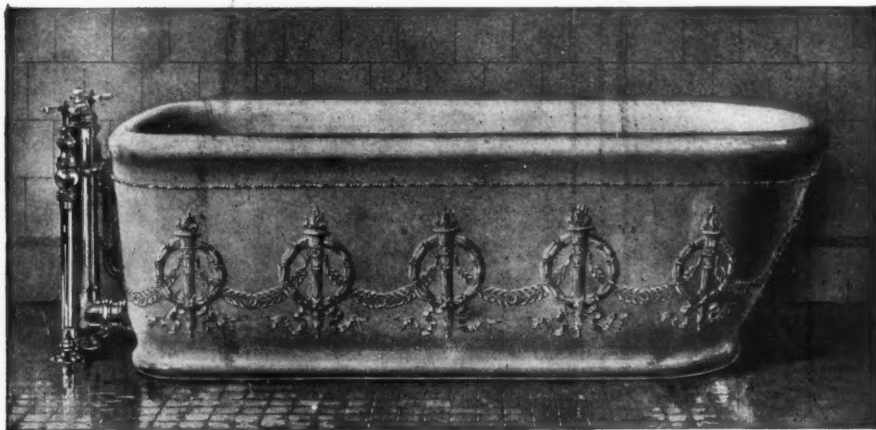
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SCHOOL. [At Houston, Tex.]

Bids will be received until December 27 for a twelve-room brick and stone school-building for the City of Houston. RUE & DUNBAR, Architects. 1147

Treasury Department, Office Supervising Architect, Washington, D. C., November 23, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of December, 1897, and opened immediately thereafter for all the labor and materials required for furnishing and placing complete all the iron vault and closet doors in the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Milwaukee, Wis. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Vault and Closet Doors for the United States Post-office, Court-house and Custom-house, Milwaukee, Wis.," and addressed to the Supervising Architect. 1147

PROPOSALS.

COURT-HOUSE. [At New York, N. Y.]

By the Sinking Fund Commissioners, at the office of the Comptroller, 280 Broadway, until December 30, at 12 M., for building the projected Court-house for the Appellate Division of the Supreme Court, at the northeast corner of Madison Ave. and 25th St. The plans may be seen at the office of the architect, James Brown Lord, 160 Fifth Ave. 1148

Treasury Department, Office Supervising Architect, Washington, D. C., December 11, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 7th day of January, 1898, and opened immediately thereafter, for all the labor and materials required and fixing in place complete the low-pressure, steam-heating and ventilating apparatus for the United States Post-office building at Pueblo, Col., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pueblo, Col. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Heating and Ventilating Apparatus for the United States Post-office, at Pueblo, Col.," and addressed to the Supervising Architect. 1148

Treasury Department, Office Supervising Architect, Washington, D. C., December 10, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 3d day of January, 1898, and opened immediately thereafter, for all the labor and materials required to erect complete ten freight-elevators, two passenger-elevators, one package-elevator and one ash lift (either electric or steam) for the United States Appraisers' Warehouse, New York, N. Y., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at the building, New York, N. Y. The right is reserved to reject any or all bids,

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STABLES.

Boston, Mass.—Folsom St., rear No. 27, Ward 23, fr. stable; \$700; o., Lizzie M. Farron; a., W. H. Granger, 27 School St.

Dawson St., nr. Mallett St., Ward 24, fr. stable, 18' x 24'; \$500; o., Flora A. Dawson; b., George G. Dawson, 42 Mallett St., Dorchester.

Hyde Park Ave., nr. Ashland St., Ward 23, fr. stable, 26' x 50'; \$800; o., F. P. Weller; a., George Zanner, 1117 Columbus Ave.

Cambridge, Mass.—Bank St., 1 1/2-st'y fr. stable, 42' x 70', slate roof, arranged for 8 single & 1 box stall; o., Reversible Collar Co.; a., Arthur F. Gray, Exchange Building, Boston.

Everett, Mass.—Fine St., 1 1/2-st'y fr. stable, 3 stalls, 18' x 27'; \$500; o., P. Dececca and G. Dipalma; b., George Sweatland, 26 Union St.

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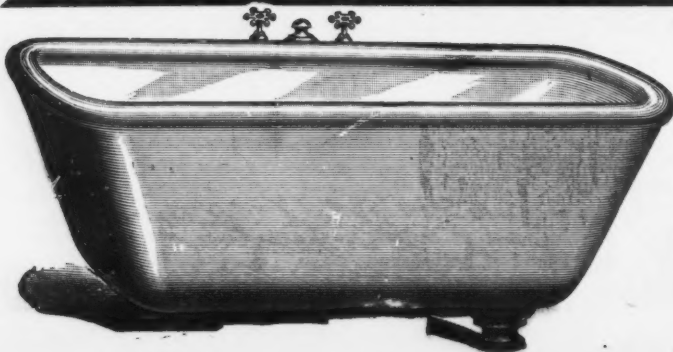
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Haverstraw Bay 2d.....	@ 5 25	Philadelphia }	125 00 @ 145 00	Salmon @ 8 00
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" red.....	12 00 @		Collinsville, do	" "
Chicago pressed.....		Enamelled B'k.22 00	Dark " "
" Moulded.....		Imported	Findlay, do 22 00	Pressed " "
Baltimore.....	37 00 @ 41 00	Enam. (edge)	Chicago, do	Best Paving
Philadelphia.....	19 00 @ 21 00	105 00 @ 120 00	assorted shades	11 00 @ 15 00
Trenton.....	17 00 @ 18 00	" (edge & end.)	16 00 @ 20 00	Second " "
Milwaukee.....		120 00 @ 135 00	Chicago, do	Third " "
Moulded:		Domestic.	Brown.....24 00	Dom. { @ 65
Red Pressed.....	@ 29 00	Enam. (edge)	Chicago, do Red	@ 85
Buff.....	@ 27 00	90 00 @ 100 00	Roman.....24 00	
Moulded Red & Buff.....	45 00 @ 70 00	" (edge & end.)	Chicago, do Br'n	
Enamelled: Imp		110 00 @ 115 00	Roman.....27 00	
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Enamelled (edge and end.).....	90 00 @ 110 00	25 00	
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Rosendale Cement.....	80 @ 85	95 00 @ 1 00	Not sold.	1 30 @ 1 50
Louisville.....		@	75 @ 1 00	S. H. Fe's' 1 20 @ 1 50
Toledo, Akron, Buffalo, Milw'ke.	Not sold.	@	75 @ 1 00	@
Portland, Eng. (Gibbs).....	2 25 @ 2 50	Shield, English	2 50 @ 2 60	2 85 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 20 @	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	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
Ger. (Alsen).....	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" (Fewer).....	2 25 @ 2 40	B'ks, Shoobridge	@	2 75 @ 2 85
" (Vorwiler).....	2 50 @ 2 90	English 2 30	@	Josson
" (Lagerlofer).....	2 75 @ 3 00	2 75 @ 3 00	2 60 @ 2 90	2 60 @ 2 75
" (Dyckerhoff).....	2 50 @ 3 00	@	3 10 @ 3 30	3 00 @ 3 25
" (Hanover).....	2 35 @ 2 45	3 50 @ 4 00	2 75 @ 2 90	2 75 @ 2 85
Roman.....	2 75 @ 3 00	@ 6 00	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Keene's coarse.....	4 25 @ 4 75	7 00 @ 9 00	2 75 @ 3 25	3 00 @ 3 50
" superfine.....	1 00 @ 1 25		6 00 @ 7 00	6 50 @ 7 00
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Lime of Tell.....	@ 4 00		Not sold.	White Lime P bush
Hydraulic Lime.....	@ 1 45	@	45 @ 55	25 @ 30
Chicago Lime in bulk.....	{ St. John	@	45 @ 55	{ White Mash
Wisconsin Lime.....	@ 75	@ 90	Not sold.	1 25 @ 1 50
Rockland and Rockport, (Som.)	@ 85	@ 95	Not sold.	1 00 @ 1 00
Rockland, finish.....	@	@	1 00 bulk, 75c.	
Kelley Island Lime, finish.....	@	Not sold.	Not sold.	Not sold.
State, Com. cargo rates.....	@ 70	Not sold.	Not sold.	Not sold.
State, finishing.....	@ 1 10	Not sold.	Not sold.	Not sold.
Plaster-of-Paris (calcined).....	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) P bush.....	14 @ 16	25 @ 30	12 @ 20	20 @
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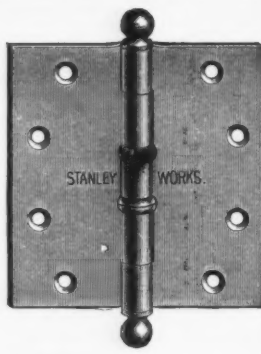
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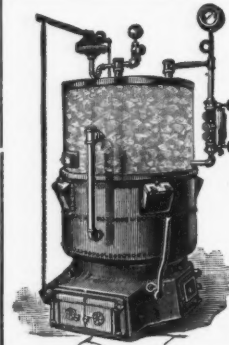
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Foundation:				
Dimension.....	◎	5 00 P ton.	20 @ foot	◎ 5 00
Block.....	◎	4 60 P perch.	10 00 @ oord	Conshocken
Rubble.....	◎	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	◎ 80	80 @ 90	◎	95 @ 1 05
Kibbe.....	◎ 90	90 @ 1 10	◎	1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 1 30	1 00 @ 1 30	1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	85 @ 95
Berea ".....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
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
Potsdam Red.....	◎ 1 30	◎ 1 40	@ 1 55	@ 1 40
Caen.....	◎ 1 00	@ 2 00	◎	1 25 @ 1 35
Carlisle. English.....	◎ 1 05	@ 1 05	◎	95 @ 1 05
Corse Hill (Scott).....	◎ 1 05	@ 1 05	◎	95 @ 1 05
Granite: (Maine)	◎	◎	80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00	◎	◎	Richmond
Lemont.....	◎	◎	◎	75 @ 1 50
Serpentine.....	◎	10 50 per ton.	◎	P Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	cub. ft.	1 in. th. 10 @ 25
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	◎	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	◎	@ 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
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 80 @ 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
" Chapman.....	◎	◎	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.	◎	◎	◎	@ 28 00
N. Peach Bottom, war. unfading	◎	◎	◎	97 Sc. per ft.
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	5 76 @ 6 25
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 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.....	ea 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	◎	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	◎	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	◎	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	1 65 @ 1 75	◎	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	Round Wood	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	◎ 1 70	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.	5 00 @ 6 00	◎	Not sold.	◎
Pine, sawed..... "	4 00 @ 5 00	@ 4 50	2 60 @ 2 75	◎
Spruce, shaved..... "	1 50 @ 2 00	1 50 @ 1 75	Not sold.	◎
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	(30" \$35 @ 40
Cedar split..... P M.	◎	@ 6 00	Not sold.	24" 8 @ 21
Cedar sawed..... "	◎	2 00 @ 3 25	2 50 @ 2 90	20" 35 @ 14
Cypress, Split..... 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	◎	11 00 @ 14 00



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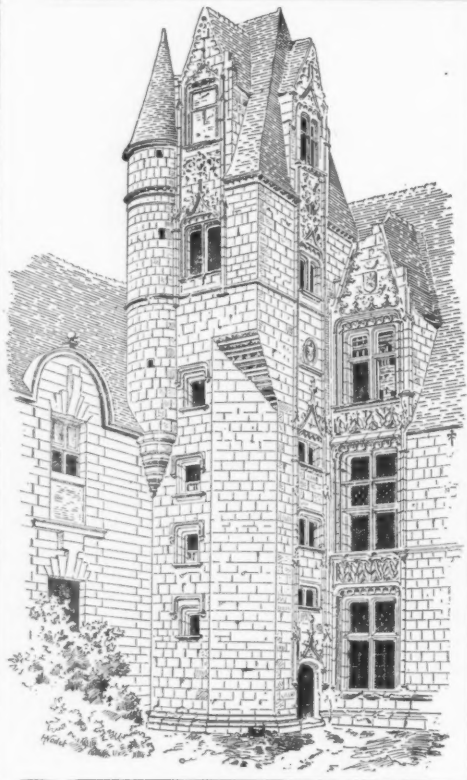
PHILADELPHIA,
1022 Market St.

BOSTON,
12 Pearl Street.

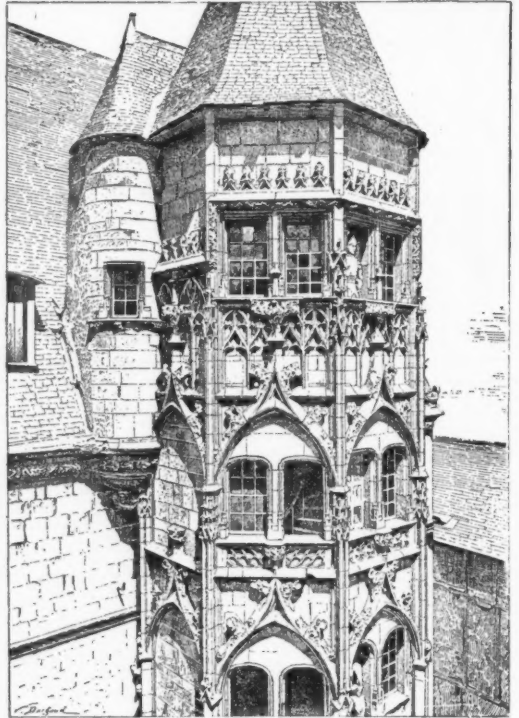
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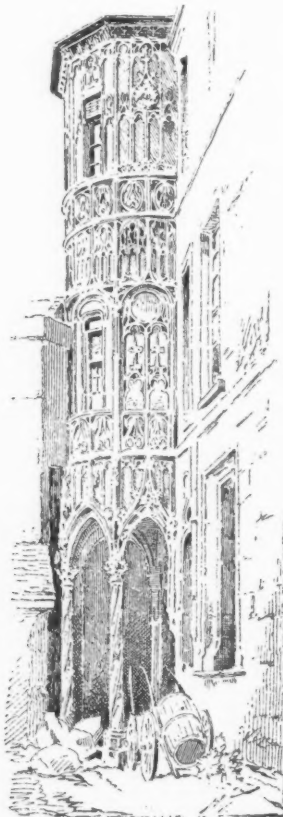
Staircase Tower, Château de Haute-Goulaine (Loire-Inferieure), France.



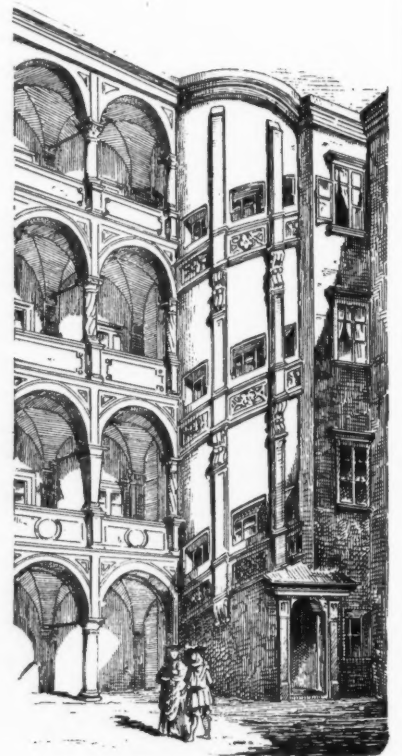
Turret of the old Hôtel de Ville, Bourges, France.



Detail of Schloss Hartenfels, Torgau.



Hôtel de la Trémouille, Paris.



House in the Graben, Vienna, Austr.a.

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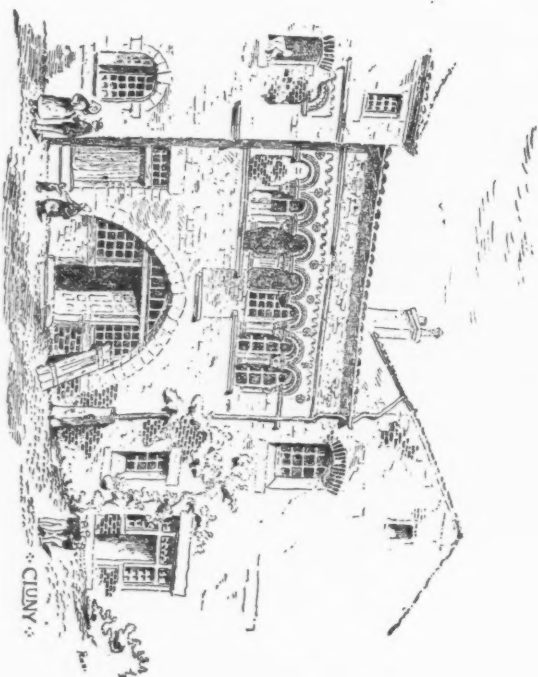
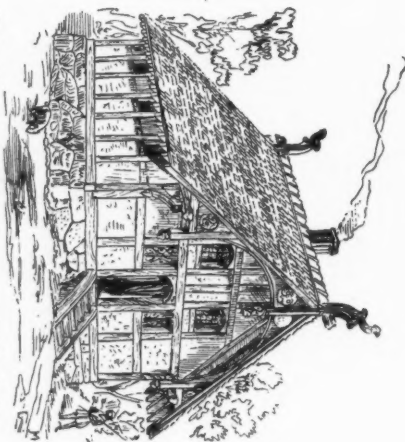
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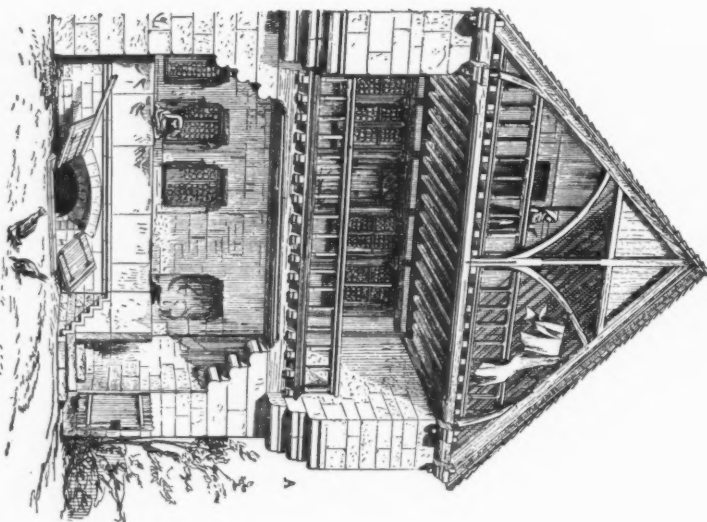
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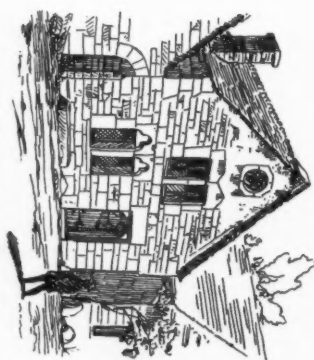
Extinct Type of Norman House. After Viollet-le-Duc.



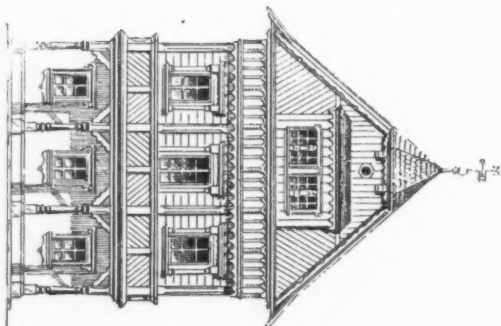
Gable-end: Champagne, France. After Viollet-le-Duc.



Peasant's House, Rougemont, France. After Viollet-le-Duc.

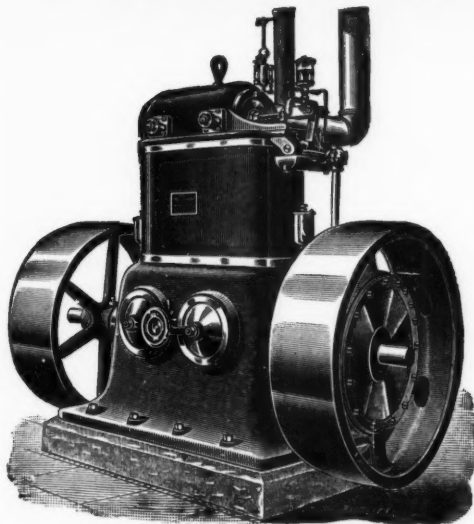


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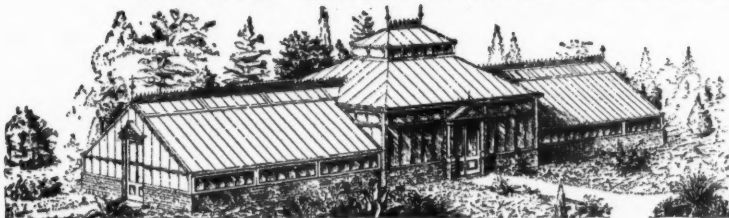
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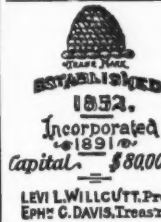


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[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for five cents.]

- 595,290. LOCK.—Thomas Dowman, Chester, Ill.
595,295. SNOW-GUARD.—Moses Fox and Nathaniel Snyder, East Bangor, Pa.
595,298. PLASTERING-CORNER.—Lewis Goodwin, Boston, Mass.
595,299. CORNER BRACE OR SUPPORT FOR PLASTERING.—Lewis Goodwin, Boston, Mass.
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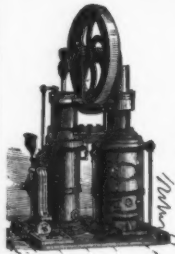
BUILDING INTELLIGENCE.

(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.

- Allegheny, Pa.**—A new church will be erected at the corner of Ferryville and Euclid Aves., for which I. L. Beatty, Jackson Building, Pittsburgh, has prepared plans. The edifice will cost about \$40,000 and will be constructed of stone, Rev. W. I. Wishart, pastor, Maple Ave.
Alma Center, Wis.—The Presbyterian congregation contemplate the erection of a new church building.
Amherst, Mass.—The Trustees of the College have formally accepted the gift of \$15,000 for a new observatory.
Austin, Ill.—It is stated that plans have been formulated for a new church building to be erected by the Methodist congregation, to replace the present structure on Ohio St.
Ayer, Mass.—Henry La Pointe, architect, Fitchburg, is preparing plans for a three-story brick building, 80' x 61', to cost \$31,000, for bank, store and office purposes.
Brookline, Mass.—The citizens, on December 15, voted to build a new police station to cost \$68,000 and two new schools to cost about \$185,000.
Cambridge, Mass.—At the meeting of the Board of Aldermen, December 7, the joint special committee on school accommodations reported, recommending an appropriation of \$150,000 for a new

REDUCTION IN PRICES OF HOT-AIR PUMPING ENGINES.

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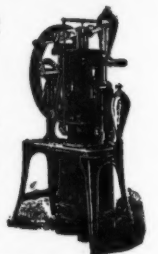
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AMERICAN ARCHITECT AND BUILDING NEWS CO., 211 Tremont St., Boston.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- school-house in North Cambridge, another in Cambridgeport, and an addition to the Peabody School-house.
Chattanooga, Tenn.—A new church will be erected on Rossville Ave. by the German Lutheran congregation, to cost about \$10,000.
Chicago, Ill.—J. L. La Driera, 508 W. Harrison St., has plans on the boards for an eight-story wholesale building, to be erected for John Monk at 161 Market St., at a cost of \$75,000.
Davenport, Ia.—The contract for erecting the new edifice for the First Presbyterian Church on Kirkwood Boulevard and Le Claire St. is stated to have been awarded to O. C. Housel of Galesburg, Ill., at \$39,600.
Ellis Island, N. Y. H.—Plans have been prepared by Architects Boring & Tilton, 57 Broadway, New York City, for the new immigration station to be erected here. Five buildings of brick, stone and iron, absolutely fireproof, will be built at a cost of \$570,000.
Fitchburg, Mass.—The corporation of the Old Ladies' Home is contemplating a new building on Cedar St., and if it builds, the talk is a house of 25 rooms. An exterior sketch has been made by Architect H. M. Francis. Dr. W. H. Bennett is president of the corporation.
Architect Henry Lapointe has been commissioned to prepare plans for the new church to be erected in Clinton by the First Evangelical Society of that town. The design shows a church of gray brick and white marble trimmings, of English Gothic architecture. The outside dimensions are 70' x 84'. The basement is devoted to a lecture-room, 42' x 55'; dining-room, 20' x 24'; several ante-rooms, kitchen, ladies' parlor, two toilet-rooms and boiler-room. The building will be heated by steam and cost \$40,000 to \$50,000. No contracts let.
Grand Rapids, Mich.—A new edifice will be erected by the South Congregational Church to replace the building recently destroyed by fire, Rev. Dan F. Bradley, pastor.

Great Neck, L. I., N. Y.—The contractors who are building the abutments for the iron bridge on the Long Island Railroad extension from Great Neck to Port Washington are meeting with serious difficulties in their undertaking. While sinking a pit for the foundation of an abutment on the Great Neck side of Manhasset Bay, the workmen struck water in the shape of five boiling springs, the largest of which covers about ten square feet. All efforts to pump out the water have so far been futile.

Hyde Park, Mass.—At the special town meeting it was voted to erect a public library building, at a cost of \$25,000, including land, and the amount was appropriated, to be paid within twenty years. The trustees of the public library were instructed to purchase the land, and were made a committee to proceed at once with the erection of a public library.

The recommendation of the committee on town-hall, that no land be taken for that purpose and no building be erected at the present time, was accepted. The same committee, by its chairman, the Hon. F. W. Darling, reported in favor of purchasing the Hoag lot of 10,000 square feet, at the corner of Harvard Ave. and Winthrop St., for a site for a public library, and the same was accepted.

Jamestown, N. D.—Plans are being drawn for a \$40,000 addition to the North Dakota Hospital for the Insane; architects, Hancock Bros.

Knoxville, Tenn.—It is stated that the Directors of the Tennessee Medical College have decided to erect a new structure on the site of the college recently burned, and will at once secure plans for the building.

Mamaroneck, N. Y.—Plans are being formed by residents of Rye and Mamaroneck, according to reports, for erecting a country club and casino between the two towns. It is proposed to have a building that will cost about \$200,000.

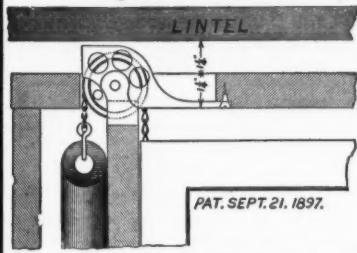
Memphis, Tenn.—At a meeting of the Board of Education, December 7, it was decided to accept a modification of Architect Shaw's first plans for the

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

- Poplar St. high school building and to advertise for bids for construction without delay; the cost of the building not to exceed \$40,000.
McKeesport, Pa.—The Board of Education has decided to erect a new high school building.
Montague, Mich.—W. D. Butterfield & Co., 68 Home Savings Building, Detroit, have prepared plans for the new church to be erected by the M. E. Society. It will be constructed of brick and stone, and will be 58' x 64' in dimensions.
Newark, N. J.—The Atlanta Wheelmen contemplate building their new club-house on Broad St. after plans by Alonzo Hobbs. The new building will cost about \$15,000.
New Bedford, Mass.—Geo. H. Ingraham, Boston, has prepared plans for a \$7,000 residence.
New York, N. Y.—John Pierce, 434 Fifth Ave., has been awarded the contract for the construction of the new Hall of Records at \$1,497,000; material is to be Fox Island granite.
Plans have been prepared by Architects McKim, Mead & White for the Union Club-house, to be erected on 54th St. and 5th Ave., to cost about \$1,000,000.
It is reported that Architect Bruce Price is drawing plans for a large hotel to be erected on the block bounded by Madison and Park Aves. and 41st and 42d Sts.
The Board of Estimate on December 14 appropriated \$125,500 for new additions to Bellevue Hospital and for buildings on the islands.
North Bergen, N. J.—A new home for old and indigent Germans is to be built at Schuetzen Park, by the Fritz Reuter Altenheim. The building will cost \$40,000, and will be so constructed that at any time additions can be made to it.
Philadelphia, Pa.—Baker & Dallett have been selected by the Commissioners of Chester County to prepare the plans for the proposed Asylum for the Insane of that county.
Frank Miles Day & Bro. are preparing drawings for a large gymnasium building to be erected on the grounds of the University of Pennsylvania. The sketches prepared indicate that one of the handsomest buildings of the University group will be built, whose cost will aggregate a quarter of a million dollars.
A new church will be erected by the Wylie Presbyterian and Chambers Presbyterian societies on Broad Street, below Spruce, to cost about \$75,000, Rev. Dr. Hoyt, pastor.
Pittsburgh, Pa.—The Schenley Riding Club is making arrangements for erecting an immense new structure on the present club-house site. The estimated cost is \$100,000.
Rush City, Minn.—The School Board contemplate building a \$14,000 school-house.
St. Louis, Mo.—It is announced that St. Louis will soon have a new hotel costing \$2,000,000. It is said that several Chicagoans and a well-known hotel man of Indianapolis will furnish the capital. The site selected for the new hostelry is at Olive and 12th Sts., where an option has been secured on the property. The company which has been formed hopes to begin construction next season.
Two new armories are to be built here.
St. Paul, Minn.—The question of constructing a new market-house is under consideration; it is estimated to cost about \$125,000.
Toledo, O.—The County Commissioners are considering the question of building a jail, to cost \$100,000.
Troy, N. Y.—Local papers state that Architects Cummings & Son will soon commence the preparation of plans for the new high school building.
Utica, N. Y.—Report states that M. H. Hubbard, 82 Arcade Building, is drawing plans for two new churches to be erected in the spring. They will be 90' x 140' and 110' x 178', and will cost about \$60,000 and \$85,000, respectively.
Washington, D. C.—The specifications for the annex to the Peabody School and for the isolation hospital to be erected on the grounds of the Providence Hospital have been completed and proposals

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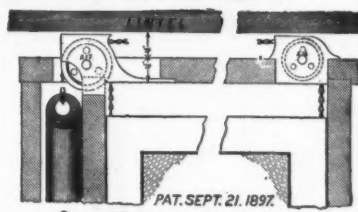
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

for the work of construction will be called for at once.

West Chester, Pa.—The commissioners of Chester County have decided to build an asylum for the insane of the county to be located near this place. The building will be thoroughly modern and cost \$60,000; architects, Baker & Dalzell, Philadelphia.

Westfield, Mass.—It is stated that plans are being prepared by A. W. Holton, architect, for a new eight-room brick school-building to be erected on Ashley and Cross Sts., to cost about \$23,000. D. L. Gillett, Chairman Building Committee.

Williamstown, Mass.—The Williams College Y. M. C. A. contemplates erecting a new building to cost about \$30,000. Prof. J. H. Hewitt, Chairman Committee.

ALTERATIONS AND ADDITIONS.

St. Louis, Mo.—*Bard Ave.*, nr. Easton St., three-sty' bk. addition to school, 93' x 130', slate & tile roof, steam; \$60,000; o., Board of Education; a., Wm. B. Itner.

Ewing and Rutger Sts., three-sty' bk. addition to Choteau School, 28' x 84', slate & tile roof, steam; \$12,000; o., Board of Education; a., Wm. B. Itner.

Michigan St., nr. Iron St., two-sty' bk. addition to Des Peres School, 52' x 80', slate & tile roof, steam; \$15,000; o., Board of Education; a., Wm. B. Itner. Bids for the above close December 14.

APARTMENT-HOUSES.

Buffalo, N. Y.—*Elmwood Ave.*, nr. Summer St., three-sty' bk. flats for six families; \$35,000; o., H. C. F. Schultz; a., Loverin & Whelan.

Chicago, Ill.—*East Forty-third St.*, Nos. 631-645, four-sty' bk. flats, 100' x 50'; \$75,000; o., Mrs. Sarah D. Noe; b., F. J. Pendergrast & Clarkson.

Lexington Ave., Nos. 6231-37, four-sty' bk. & st. flats, 65' x 100'; \$40,000; o., W. H. Stewart; a., Pridmore & Stanhope, 1418 Champlain Building.

Jackson Boulevard, Nos. 872-76, 3 three-sty' bk. flats, 25' x 56'; \$20,000; o., F. E. Halligan; b., Thos. Keating.

Jefferson Ave., Nos. 6013-15, 2 three-sty' bk. flats, each 25' x 75'; \$22,000; o., S. M. Seator; b., J. B. Boulton.

Wabash Ave., Nos. 2022-24, four-sty' & base. bk. flats, 50' x 105', comp. roof, steam; \$20,000; o., Samuel Gregstein; a., Iver C. Zarbell, 528 Reaper Block.

Forty-eighth St. and Indiana Ave., four-sty' bk. & terra-cotta flats, 100' x 161', comp. roof, steam; arranged for 32 suites; \$70,000; o., Charles E. Cave, 238 Ninety-second St.; a., Warren H. Milner, Stock Exchange Building.

Milwaukee, Wis.—*Jackson St.*, nr. Mason St., four-sty' bk. flats & store, 52' x 114'; \$25,000; o., Judge James A. Mallory; a., F. B. Marshall.

New York, N. Y.—*One Hundred and Fifty-first St.*, nr. Amsterdam Ave., 3 five-sty' brownstone and bk. flats, 27' 0" x 67' & 29' 0" x 88'; \$75,000; o. & b., Frederick Schuck, 18 St. Nicholas Pl.; a., John Hauser, 1441 Third Ave.

Vanderbilt Ave., n w cor. Gouverneur Pl., 8 four-sty' bk. & st. flats; \$220,000; o. & b., August Jacob, 527 W. 149th St.; a., John Hauser, 1441 Third Ave.

One Hundred and Twenty-third St., nr. 2d Ave., 2 five-sty' bk. & brownstone flats, 20' x 89'; \$35,000; o. & b., George Schreiner, 104 W. 125th St.; a., John Hauser, 1441 Third Ave.

One Hundred and Twenty-fourth St., nr. 2d Ave., 4 five-sty' brownstone & bk. flats, 30' x 90'; \$100,000; o. & b., George Schreiner, 104 W. 125th St.; a., John Hauser, 1441 Third Ave.

Vanderbilt Ave., s w cor. Gouverneur Pl., 10 four-sty' bk. & st. flats; \$220,000; o. & b., August Jacob, 527 W. 149th St.; a., John Hauser, 1441 Third Ave.

One Hundred and Ninth St., bet. 1st & 2d Aves., five-sty' bk. & st. flats, 25' x 85'; \$18,000; o., F. Lamonte & Bros., 328 E. 109th St.; a., C. A. Milliner, 81 E. 125th St.

St. Louis, Mo.—*Grand St.*, bet. Cleveland & Shenandoah Sts., 2 1/2-sty' stores & flats; \$5,000; o., E. Preisler.

CHURCHES.

Rikers Island, N. Y.—Two one-sty' fr. churches, 32' x 86' & 32' x 80'; \$20,000; o., New York City Department of Correction, 148 E. 20th St., New York City; a., Geo. M. Walgrove, 42 E. 23d St., New York City.

FACTORIES.

Worcester, Mass.—*Malberry St.*, 2 one-sty' fr. manufacturing buildings; \$7,000; o., Mass. Fuel Co.; a., J. W. Patston; o., W. A. Beaudette.

HOUSES.

Boston, Mass.—*Malvern St.*, nr. Adams St., Ward 24, two-sty' fr. dwell., 25' x 38', pitch roof, furnace; \$4,000; o. & b., John McLean, on premises.

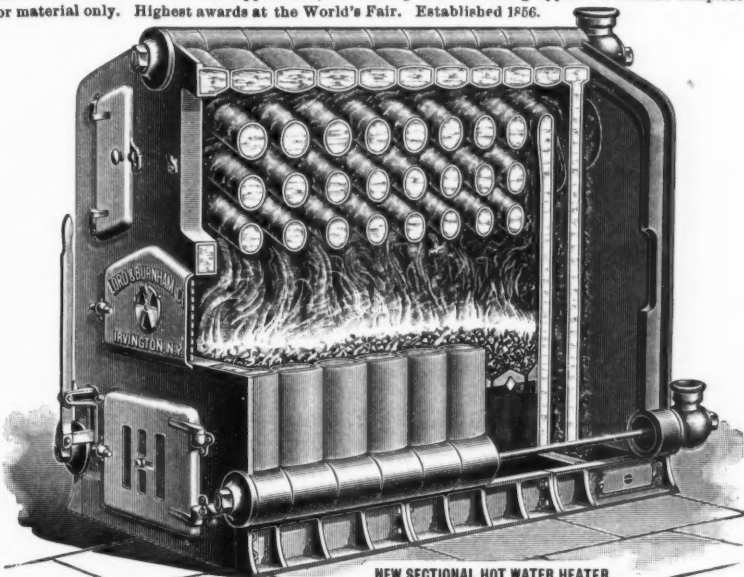
Lynn St., nr. Dorchester Ave., Ward 20, three-sty' fr. dwell., 27' x 47', flat roof, furnace; \$4,000; o. & b., Henry Phillips.

Fowler St., nr. Glenway, Ward 20, two-sty' fr. dwell., 30' x 38', pitch roof, furnace; \$4,500; o. & b.,

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(Houses Continued.)

Daniel and Cornelius Daley, Bloomingdale St., Dorchester.

Boynton St., nr. South St., Ward 23, 2 three-sty' fr. dwells, 22' x 59', flat roofs, stoves; \$9,000; o. & b., Bradford Fillmore and R. J. Fenton, 111 Fairmount Ave., Hyde Park.

Whitfield St., nr. Wheatland Ave., Ward 20, 2 three-sty' fr. dwells, 26' x 44', flat roofs, stoves; \$8,000; o. & b., Wm. M. Allen, 2 Spencer St., Dorchester.

Julian St., No. 56, Ward 16, two-sty' fr. dwell., 24' x 53', pitch roof, furnace; \$5,000; o. & b., Walter Bros., Quincy.

Hammerston St., nr. Humboldt Ave., Ward 21, two-sty' bk. dwell., 32' x 43', pitch roof, furnace; \$5,500; o., French, Cole & Co.; not let.

Saunders St., nr. Cambridge St., Ward 25, two-sty' fr. dwell., 26' x 40', pitch roof, furnace; \$4,000; o., Martha A. Grouchey; b., D. Spence, 101 Perkins St., Somerville.

Fisher Ave., nr. Parker St., Ward 19, 2 1/2-sty' fr. dwell., 34' x 40', hip roof, furnace; \$5,000; o., John H. Long, 111 Cedar St.; b., M. J. Curley.

Park St., nr. Kilton St., Ward 20, three-sty' fr. dwell., 26' x 45', flat roof, stoves; \$4,000; o. & b., Fred'k J. Rockwell, 12 Learnard St., Dorchester.

Everett St., Nos. 87-89, Ward 2, 2 three-sty' fr. dwells, 20' x 44', flat roofs, stoves; \$8,000; o. & b., Wm. Goodwin, 115 Princeton St., E. Boston.

Spray St., nr. Savin Hill Ave., Ward 20, two-sty' fr. dwell., 24' x 42', pitch roof, stoves; \$4,500; o., C. F. Kell and J. A. Cruickshank, Carlos St., Dorchester.

Norfolk St., cor. Flint St., Ward 24, two-sty' fr. dwell., 29' x 38', pitch roof, furnace; \$4,500; o. & b., J. E. Wilbur, 299 Norfolk St.

Pontine St., nr. Norfolk Ave., Ward 17, three-sty' fr. dwell., 23' x 43', flat roof, stoves; \$3,500; o., W. P. Jackson; b., Tobin & McEachern, 70 Waltham St.

Mayberry Terrace, nr. School St., Ward 22, two-sty' fr. dwell., 29' x 52', pitch roof, furnace; \$5,000; o. & b., James A. Marchbank, 21 Forbes St.

Tower St., nr. Washington St., Ward 23, two-sty' fr. dwell., 25' x 47', pitch roof, furnace; \$4,500; o., C. G. Ocha, Forest Hills St.

Blue Hill Ave., Nos. 377-391, Ward 20, 8 two-sty' bk. dwells. & stores, various dimensions, flat roofs,

BUILDING INTELLIGENCE.

(Houses Continued.)

steam; o. & b., Gabriel Goldstein & Co., 95 Poplar St.; a., J. St. Clair Harold, 1 Beacon St.

Brunswick St., No. 69, Ward 20, three-sty' bk. dwell. & store, 24' x 69', flat roof, steam; o. & b., Gabriel Goldstein & Co., 95 Poplar St.; a., J. St. Clair Harold, 1 Beacon St.

Devon St., No. 4, Ward 20, three-sty' bk. dwell., 23' x 24' x 69', flat roof, steam; total cost of above, \$85,000; o. & b., Gabriel Goldstein & Co., 95 Poplar St.; a., J. St. Clair Harold, 1 Beacon St.

Brookline, Mass.—*Coolidge and Harvard Sts.*, 2 1/2-sty' dwell., 25' x 40', shingle roof, hot water heating; \$6,500; o., Hannah E. Brown; b., Virgil M. Cutler, 15 Newton St., Brighton.

Dean Road and Druce St., 2 1/2-sty' fr. dwell., 32' x 59', shingle roof; \$12,000; o., E. D. Ver Planck; a., W. F. Goodwin, 5 Tremont St., Boston; b., H. H. Hunt, West Newton.

Brooklyn, N. Y.—*Fourth Ave.*, nr. 45th St., 2 four-sty' bk. & st. dwells, 26' 8" x 61'; \$20,000; o. & b., W. Fryer, 55th St., nr. 3d Ave.; a., Thos. Bennett, 198 Fifty-third St.

Ocean Ave., nr. Church St., 2 1/2-sty' fr. dwell., 28' x 32'; \$5,500; o., E. H. Tompkins; a., J. H. Davidson, 828 Flatbush Ave.

St. Nicholas Ave., cor. Grove St., 2 three-sty' fr. dwells, 25' x 65'; \$14,000; o., Geo. Weidner, 222 St. Nicholas Ave.; a., W. B. Wills, 17 Troutman St.

Cambridge, Mass.—*Kirkland Road*, 2 1/2-sty' fr. dwell., 20' x 40', pitch roof, furnace; \$4,500; o., J. G. McGirr, 1522 Cambridge St.; b., J. C. McGirr.

Brewster St., No. 57, two-sty' fr. dwell., 50' x 53', pitch roof, furnace; \$9,000; o., Mrs. E. B. Whittemore; b., T. S. Farrington; a., Gay & Proctor, 12 Pearl St., Boston.

Chicago, Ill.—*Castlewood Terrace*, 2 1/2-sty' bk. & st. dwell., 34' x 54', shingle roof, hot water; \$7,500; o., Castlewood Land Association; a., John Arthur Rogers, Ashland Block.

Dongan Hill, S. I., N. Y.—2 1/2-sty' fr. dwell.; \$15,000; o. & a., Ernest Flagg, 54 Broad St., New York City.

Dyker Heights, L. I., N. Y.—2 1/2-sty' fr. dwell., 40' x 30'; \$5,000; o., Johnson & Mechesney; a., S. S. Covert, 72 Trinity Pl., New York City.

Elberon, N. Y.—*Lincoln Ave.*, three 2 1/2-sty' fr. dwells, 38' x 44'; \$14,000; o., Mrs. Anna Lowenstein,

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care of architect; a, W. E. Lehman, Prudential Building, Newark, N. J.
Glen Ridge, N. Y.—2½-st'y fr. dwell.; \$6,000; o., Mrs. Nichols; a., Carrère & Hastings, 44 Broadway, New York City.
Ridgewood Ave., 2½-st'y fr. dwell., 29' x 39'; \$5,000; a., J. P. Capen, 184 Broad St., Newark, N. J.
Larchmont, N. Y.—2½-st'y fr. dwell., 30' x 47'; \$6,500; o., Peter Cunneen, New Rochelle; a., E. H. Sturges, New Rochelle.
Medford, Mass.—Logan Ave., No. 57, 2½-st'y fr. dwell., 23' x 24', shingle roof, hot water; \$5,000; o. W. P. Hart; b., J. M. Andrews & Son, Somerville.
Minneapolis, Minn.—Stevens and Franklin Sts., two-st'y bk. dwell., 39' x 46', slate roof, comb. heat; \$8,000; o., Wm. F. Brooks; a., Frederick Kees.
Cofax and Summit Aves., 2½-st'y fr. dwell.; \$6,000; o., Harry B. Waite, 820 Lumber Exchange; b., W. O. Clark; a., Wm. M. Kenyon.
Newton, Mass.—Oxford Road, two-st'y fr. dwell., 24' x 28', shingle roof, furnace; \$4,200; o., C. W. Smith; b., T. H. Kingston; a., A. Warren Gould, Boston.
Winsor Road, two-st'y fr. dwell., 27' x 39'; pitch roof, furnace; \$9,000; o., Mrs. Ida P. Baker; b., D. Hurley; a., E. J. Lewis, Boston.
Langley Road, 2½-st'y fr. dwell., 34' x 40'; pitch

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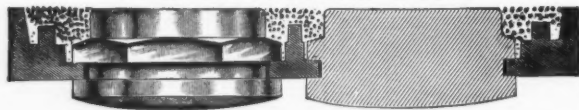
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roof, furnace; \$5,000; o., G. B. Flanders; a., Alonzo D. Wright, Boston.
New York, N. Y.—Eighty-second St., nr. Park Ave., 6 four-st'y bk. & st. dwells., 16' x 58' & 18' x 58'; \$60,000; o., Wm. Van Wyck Graham; a., Thomas Graham, 1238 Madison Ave.
North Adams, Mass.—2½-st'y fr. dwell. of 18 rooms, pitch roof, steam; \$15,000; o., P. J. Ashe, Jr.; b., Alexander Peor; a., P. M. Lynch, Holyoke.
Providence, R. I.—Rhode Island Ave., 2½-st'y fr. dwell., shingle roof, furnace; \$4,500; o., Thomas Grimes, 115 Pine St.; b., J. J. Bebeau, Jr.
Governor St., two-st'y fr. dwell., 28' x 38'; pitch roof, steam; \$7,000; o., Mrs. Annie B. Warren; b., Perkins, Polk & Co.; a., Stone, Carpenter & Wilson.
South Nyack, N. Y.—2½-st'y fr. dwell.; \$5,000; o., Mr. De Witt; a., Jas. B. Simonson, 156 Fifth Ave., New York City.
Stamford, Conn.—Shippan Point, two-st'y fr. cottage of eight rooms and carriage-house with stable, 53' x 98' over all; total cost, \$9,000; o., Col. W. R. Hopkins; a., J. S. Bogardus; contracts are let.
St. Louis, Mo.—Berlin St., n s, bet. Euclid St. & King's Highway, three-st'y bk. dwell.; \$15,000; o., Howard Benoit.
Holtzman St., bet. Plymouth & Central Sts., 3 two-st'y bk. dwells.; \$6,000; o., G. G. Deaver.
Berlin St., e King's Highway, 2½-st'y bk. dwell.; \$15,000; o., Thomas H. McKittrick.
Farlin St., n s, bet. Newstead & Taylor Sts., 3 two-st'y bk. dwells.; \$6,600; o., Hill & Stahlkuth.
Washington, D. C.—Ohio Ave., No. 1351, N. W., three-st'y bk. dwell., 18' x 38'; \$7,500; o. & b., Saml. C. Raub.

BUILDING INTELLIGENCE.

(Houses Continued.)

Harvard Columbia Heights, 3 three-st'y bk. dwells., 16' 8" x 70', flat roofs, steam; \$15,000; o. & b., Barr & Sanner.
Worcester, Mass.—Summerhill Ave., 6 two-st'y fr. dwells., each 26' x 28'; \$12,000; o. & c., W. H. Lord.
Wall St., two-st'y fr. dwell., 33' x 62'; \$5,000; o., Mrs. J. E. C. Tarrse; a., O. E. Neault; c., Dorais & Dupuis.
Highland St., two-st'y fr. dwell., 30' x 70'; \$6,000; o., Mrs. F. P. Morway; a., J. W. Patston; c., Higgins & Kennedy.
MERCANTILE BUILDINGS.
St. Louis, Mo.—Second St., cor. Market St., three-st'y bk. block, 62' x 110', comp. roof, steam; \$27,000; o., Louis Rosenbaum, 2407 N. Broadway; a., A. M. Beinke, Wainwright Building.
Market St., s w cor. 2d St., three-st'y bk. mercantile building.; \$9,000; o., L. Rosenbaum.
PUBLIC-BUILDINGS.
Boston, Mass.—Beacon St., rear, No. 148, Ward 11, two-st'y bk. stable, 27' x 36', flat roof, steam; \$3,000; o., H. H. Fay; b., G. W. Morrison, 65 Wareham St.
McCarthy Pl., nr. Tremont St., Ward 19, bk. stable, 65' x 70'; \$10,000; o., Timothy McCarthy; a., E. A. Watson; not let.
Lauriat Ave., No. 76, Ward 24, fr. stable, 20' x 30'; \$800; o., Patrick G. Hesson; b., A. R. Belyea.
Barry St., nr. Barrington St., Ward 20, 1½-st'y fr.

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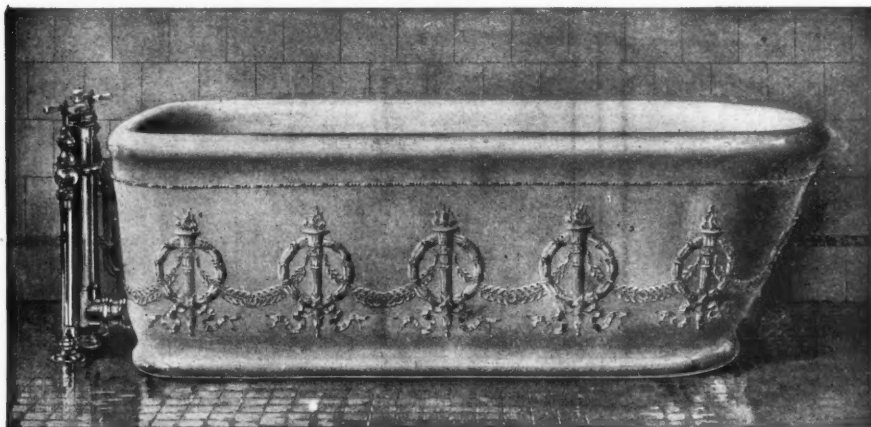
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(Stables Continued.)

stable, 20' x 26', pitch roof; \$700; o., Elizabeth Percy, 28 Colton St.; b., J. H. McLean.
 Chapman Ave., nr. Lauriat Ave., Ward 24. 11-st'y fr. stable, 30' x 40', pitch roof; \$1,200; o., Ellen D. Young, on premises; a., A. B. Fisher, 27 School St.
 Perkins St. Ct., from Perkins St., Ward 22, fr. stable, 12' x 24'; \$300; o., James Montgomery, on premises.
Everett, Mass.—Liberty St., 11-st'y fr. stable, 20' x 32'; \$500; o., W. G. Russell, 43 Liberty St.; b., W. J. De Long.
Huntington, L. I., N. Y.—14-st'y fr. stable, 25' x 60'; \$2,000; o., J. Smithers, 52 Exchange Pl., New York City; a., M. W. Morris, 45 Exchange Pl., New York City.
Medford, Mass.—Edward St., 11-st'y fr. stable; \$600; o., Chas. Brown, on premises; b., R. Bennett.
 Winchester Pl., two-st'y fr. & st. stable, 18' x 28'; \$1,200; o., Nellie T. Hardy; b., G. A. Rodin.
Milwaukee, Wis.—Lake St., bet. Clinton & Barclay Sts., two-st'y stable; \$1,000; o., P. J. Rice.
Newton, Mass.—Gay St., one-st'y fr. stable, 25' x 30'; \$700; o. & b., J. T. Hartsborne, 70 Kilby St., Boston.
Peapack, N. J.—One-st'y bk. & marble stable & coachman's apartments, 100' x 160'; o., C. Ledyard Blair, 33 Wall St., New York City; a., Carrère & Hastings, New York City.
Ridgewood, N. J.—21-st'y fr. barn, 30' x 30'; \$1,500; o., George W. Blauvelt; a., Charles J. Post, Paterson.
Somerville, Mass.—Hamlet St., 11-st'y fr. stable, 30' x 40'; \$700; o. & b., F. M. Burrows, 63 Hudson St.
South Bend, Ind.—Two-st'y fr. stable, 27' x 42'; \$1,500; o., Geo. M. Witner; a., Darham & Schneider.
St. Louis, Mo.—Lindell Ave., nr. Taylor Ave., two-st'y fr. stable, 20' x 35', comp. roof; \$2,000; o., F. A. Luyties, on premises; a., Albert Knell, Odd Fellows Building.
Washington, D. C.—D St., rear, bet. 17th & 18th Sts., two-st'y bk. stable, 20' x 30'; \$1,500; o. & b., John B. Ford.
Woburn, Mass.—Fr. stable, 25' x 40', pitch roof; \$4,000; o., Rev. J. J. Williams. Fr. James Kegan in charge; a., Wm. H. McGinty, Boston.

STORES.

TENEMENT-HOUSES.

Fall River, Mass.—Flint St., three-st'y bk. tenement of 6 flats, 45' x 56', comp. roof, hot air; \$10,000; o. & b., Samuel Benoit; a., Louis G. Destremps.
Lawrence, Mass.—West St., three-st'y fr. tenement of 6 flats, 49' x 51', comp. roof; o., Elisha Winch; a., James L. Ellis.
Medford, Mass.—Boston Ave., two-st'y fr. building for 3 flats & 3 stores, 42' x 63', flat roof, stoves; \$7,000; o., Mrs. Annie Boone; a., Prescott & Sidebottom, Boston.

BUILDING INTELLIGENCE.

(Tenement-Houses Continued.)

New York, N. Y.—Cherry St., Nos. 233-237, 3 six-st'y bk. flats, 23' x 108'; \$65,000; o., F. Phillips; a., Samuel Sass, 25 Chambers St.
 Bergen Ave., nr. Rose St., 2 four-st'y bk. flats; \$14,000 each; o., Mrs. Catherine P. Kitchen, 953 E. 132d St.; b., Andrew Kitchen, 953 E. 132d St.; a., W. C. Dickerson, 149th St. & 3d Ave.
Passaic, N. J.—Main Ave. and Sherman St., three-st'y bk. store & apart.; \$9,000; o., Kate Strong; a., Lambert & Strong.
Somerville, Mass.—Park St., three-st'y fr. tenement of 6 flats, 51' x 65', flat roof, stoves; \$10,000; o., J. A. Bailey, Jr.; a., Prescott & Sidebottom, Boston.
West Hoboken, N. J.—High St., bet. Summit Ave. & Hudson Boulevard, two-st'y & attic fr. dwell.; \$16,000; o. & a., Ernest G. Asmus, North Bergen.

THEATRES AND HALLS.

Bristol, R. I.—Fr. buildings for a casino including a theatre, 55' x 150', and pavilion, 50' x 115'; total cost about \$15,000; o., Mt. Hope Park Co.; archt., Arthur F. Gray. Frank M. Blaisdell, landscape architect, Boston, Mass.

WAREHOUSES.

New York, N. Y.—Nineteenth St., s s, 187' e Broadway, ten-st'y bk. & st. store & loft building, 43' x 92'; o., W. & J. Sloane, 19th St. & Broadway; a., W. Wheeler Smith, 7 Wall St.
 Fourth Ave., Nos. 80 & 82, eight-st'y bk., st. & terra-cotta store & loft building, 50' x 92'; \$60,000; o., Joseph H. McKennee & Otto C. Von Schoen, 1471 Broadway; a., Wm. J. Dilthey, 3 Union Sq., W.
 Eleventh St., No. 58, eight-st'y & base, fireproof store & loft building, 21' 4' x 94' 9'; o. & b., Frank Brettell, 54 E. 107th St.

MISCELLANEOUS.

Boston, Mass.—Beacon St., Chestnut Hill Reservoir, Ward 25, bk. pumping station, 52' x 72', pitch roof, steam; \$15,000; o., Metropolitan Water Board; b., C. A. Dodge & Co.; a., Wheelwright & Haven.
Brooklyn, N. Y.—Grand St. & Newtown Creek, four-st'y bk. mill, 250' x 80'; four-st'y bk. storage-house, 100' x 70'; two-st'y bk. office, 25' x 70'; total cost, \$75,000; o., Louis Bossert & Son, 6 & 8 Union Ave.; a., Theobald Engelhardt, 905 Broadway.
St. Louis, Mo.—President St., bet. Lemp & 2d Carondeau Sts., one-st'y bk. wash-house; \$15,000; o., Wm. J. Lemp Brewing Co.

PROPOSALS.

COURT-HOUSE.

[At New York, N. Y.]

By the Sinking Fund Commissioners, at the office of the Comptroller, 230 Broadway, until December 30, at 12 M., for building the projected Court-house for the Appellate Division of the Supreme Court, at the northeast corner of Madison Ave. and 25th St. The plans may be seen at the office of the architect, James Brown Lord, 160 Fifth Ave. 1148

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., December 11, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 7th day of January, 1898, and opened immediately thereafter, for all the labor and materials required and fixing in place complete the low-pressure, steam-heating and ventilating apparatus for the United States Post-office building at Pueblo, Col., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pueblo, Col. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Heating and Ventilating Apparatus for the United States Post-office, at Pueblo, Col.," and addressed to the Supervising Architect. 1148

Treasury Department, Office Supervising Architect, Washington, D. C., December 10, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 3d day of January, 1898, and opened immediately thereafter, for all the labor and materials required to erect complete ten freight-elevators, two passenger-elevators, one package-elevator and one ash lift (either electric or steam) for the United States Appraisers' Warehouse, New York, N. Y., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at the building, New York, N. Y. 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. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Elevator Plant for the United States Appraisers' Warehouse, New York, N. Y.," and addressed to the Supervising Architect. 1148

Treasury Department, Office Supervising Architect, Washington, D. C., November 29, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of December, 1897, and opened immediately thereafter for all the labor and materials required for furnishing and placing complete all the iron vault and closet doors in the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Milwaukee, Wis. 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. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Vault and Closet Doors for the United States Post-office, Court-house and Custom house, Milwaukee, Wis.," and addressed to the Supervising Architect. 1147

COURT-HOUSE.

[At Decatur, Ga.]

Proposals will be received by the Ordinary of the County of De Kalb, until 10 o'clock, on the 26th day of January, for the erection and full completion of a new Court-house at the county site. Messrs. Golucke & Stewart are the architects, W. M. BAGSDALE, Ordinary. 1148

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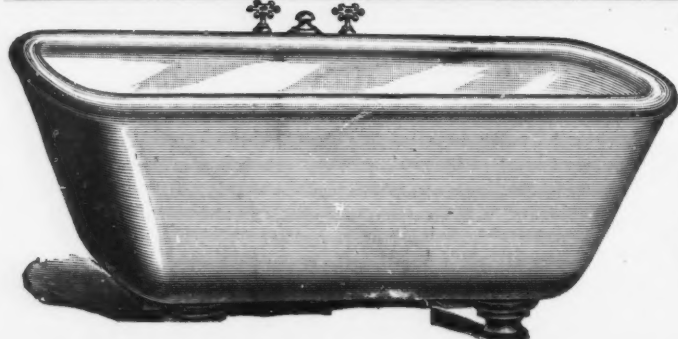
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