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DECORATION

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CONSTRUCTION

BOSTON MASS.

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OFFICES OF THE REAL-ESTATE TITLE INSURANCE AND TRUST
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SANS' HOMES. (OPEN COMPETITION.)

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THE AMERICAN ARCHITECT AND BUILDING NEWS.

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DECEMBER 31, 1898.



SUMMARY:—

Rising Real-estate Values and the Shortage of desirable Commercial Buildings.—The Relation of the Engineer and the Architect when working together.—Death of Mr. Joseph Lamb, Decorator.—The coming Exhibition of the Architectural League of New York.—The Tariff on the Production of American Artists residing Abroad.—The Individual Liability of Members of a Partnership or Corporation: a French Case.—Liquefied Oxygen as an Explosive.—M. Weyher's Experiments with Magnetic Currents.	109
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BUILDERS and architects often ask, in these days, whether the remarkable speculation now going on in the stock-market will not, sooner or later, spread to the building business. At present, while people are crowding into Wall and State Streets, buying and selling at high prices property which was thought to be nearly worthless a few years ago, building is nearly as inactive as ever, and real-estate, although it still changes hands, does so with difficulty and at low prices. In fact, real-estate which has been developed at the greatest expense, such, for example, as that in the neighborhood of the large cities, through which streets have been made, sewers and water-supply systems constructed, and electric railways built, sells now, in very many cases, if it can be sold at all, at prices lower than it would have brought twenty-five or thirty years ago, before any of these improvements were made. The question whether this condition of things will continue, and speculation be confined to stocks and bonds, is one on which theoretical considerations ought to cast some light. In the first place, the rise in value of other investments is undoubtedly due in part to accumulation of currency in the banks and in the hands of bankers. These holders are not likely to make investments in real-estate, but, after they have bought all the stocks that can be had at what they think a reasonable price, they will have money to invest, and the chances are that they will be willing to lend it to other people, who are experienced in real-estate operations, and see a prospect of profit in them. In real-estate, as the supply of property of a given sort is limited, prices rise rapidly with the appearance of a demand, and, as they do not fall again like stock values, an upward movement, once begun, is likely to continue until prices of land have been readjusted to correspond with the great changes which have taken place in conditions during the last two or three decades. It does not necessarily follow that an advance in land values will be accompanied by an increase in building; but, in point of fact, the two things are apt to go together, for the purchaser of a lot generally looks for some way of improving it, and the prospects of profit in improving land are, in many respects, particularly favorable at present. During the past ten years of depression very few mercantile buildings have been erected, and those which exist are nearly all occupied, although at low rents. Now, it is universally agreed that general business is better than it has been for many years, and buildings will be needed to carry it on. The tenants of the present buildings would rather pay an increased rent than

be turned out, and there is practically no existing accommodation for new firms. As the new firms will be formed, and must have a place for their business, new mercantile buildings must be erected for them, and it is probable that the next ten years, in the cities, will see a great deal of this sort of construction. New stores mean new clerks, porters and salesmen, who must have houses to live in, while the occupants of houses removed to make room for stores must also live somewhere, and a certain amount of dwelling-house construction is apt to be incident to increased mercantile building. That there is likely to be any wild speculation in real-estate we do not believe, for there is no great currency inflation to produce anything of the kind; but the settlement of the war and, practically, of currency questions, with the general prosperity, and accumulation of savings made in times of doubt, have produced a disposition to believe in improvement of values which, after it has been satisfied in the stock-market, seems more than likely to turn to a form of property which is limited in supply, is more and more needed every day, and, in the course of years, is more certain than any other to increase in value, without risk of loss.

WE are beginning to hear a great deal now of the value and importance of the services of engineers in erecting buildings; and, while we do not wish to underrate the work of engineers as assistants, by consultation or otherwise, to architects, it seems to us quite time that the architects as a class should remind the public of the necessity, in carrying out building operations, of placing the general direction in the hands of one person, instead of dividing it up among several; and of the fact that this one person should be, as he has always been hitherto, the architect. We are continually told that the "modern building" is so "complex," that the architect, although, no doubt, an excellent, and, in his way, intelligent, person, cannot be expected to understand all parts of it, and that owners should employ consulting, or inspecting, or specialist engineers for the foundations, the steel-work, the power-plant, the heating-system, the ventilation, the electrical work, and so on, and owners and the public are very likely to be influenced by this sort of talk, without reflecting that all these specialists, working independently on the same building, will produce chaos without the control of the architect, who, alone, has, or can have, in his mind the distinct conception of what the building is to be when all its parts are brought together. As a matter of fact, architects are very far from being as ignorant of the engineering part of building construction and equipment as newspaper writers would have the public believe. Most of them are as capable as any engineer of considering a question of foundations, of calculating loads, and deciding on the system to be employed, while all of them understand far better than an ordinary engineer the variations in distribution of strains which may be incident to alterations of plan, or changes of occupancy, and which a prudent architect endeavors to provide for, and they understand also, better than any engineer, however skilful, the exigencies of the fitting and decoration of the building, and the restraints which must be placed upon structural design, in order to avoid interference with the finishing. Every architect knows of instances where the operations of an independent engineer have been anything but advantageous to a piece of building-work; where important structures, designed, as engineers are apt to design them, with much less attention to diagonal bracing than an architect would think necessary, have been found out of plumb; where inadequate and improper supports have been provided for masonry casings, and where the interior effect of important rooms has been ruined by the intrusion of structural members, the position of which could easily have been adapted to the scheme of decoration, if proper attention had been paid to the matter. In the same way, independent ventilating engineers often work havoc with the appearance and convenience of a building, where, by proper coöperation with the architect, everything requisite for the movement of the air could have been provided without harm. For these reasons, it is as necessary now, notwithstanding the "complexity" of modern buildings, as it has always been, that the architect should be the chief authority, and that, although experts may, and often should, be employed to plan details of engineering work, they should work in all respects under his guidance. If they cannot arrange their

work to suit the scheme which he has laid out, he will always be ready to modify it, so that the final result shall still be satisfactory, and, for the owner's sake, more than for his own, he is entitled to the opportunity to do so.

MR. JOSEPH LAMB, senior partner of the firm of J. & R. Lamb, died at his home in New York a few days ago, at the age of sixty-five. Mr. Lamb was born in England, but came to New York when very young, with his father, the architect of Niblo's Garden. As he grew up, he devoted himself to the study of ecclesiastical decoration, and, with his younger brother, founded the firm which has become famous all over the United States, and has done much to refine and elevate church work. With architects Mr. Lamb had long been a favorite. His enthusiasm for his work and his profound knowledge of ecclesiastical art gave great interest to their business relations, and both the profession and the public have learned much from him.

THE Fourteenth Annual Exhibition of the Architectural League of New York will open in the building of the American Fine-Arts Society, on Fifty-seventh Street, on Saturday, February 11, and continue until March 4. This year at admission fee, of fifty cents, is charged only on Tuesdays and Thursdays, admission being free on all other days. On Sundays the galleries will be open from noon until 6 P. M. Works will be collected in New York, Boston and Philadelphia. Drawings must be either framed or mounted, but drawings more than three feet by two feet should not have glass over them. The last day for reception of exhibits at the galleries is February 2, and works to be collected in Boston and Philadelphia must be ready January 27. Entry-blanks and further information may be obtained from the Secretary of the Architectural League, 215 West 57th Street, New York.

THE Dingley Tariff Act prescribes that works of art, the production of American artists residing "temporarily" abroad, shall be admitted to the United States without payment of duty. "Temporarily" is a rather indefinite expression, and, ever since the act was passed, the Treasury officials have been exercised to interpret it. The first ruling of the Treasury Department was that "temporarily" should mean for not more than five years, so that those artists who went abroad with the intention of returning home in five years, or less, could send their pictures home duty-free, while those who expected to stay longer were classed with foreigners. As no penalty was provided for the case of artists who at first intended to come back within five years but afterwards changed their minds, the five-year limit was soon felt to be useless, and the Department has now taken the sensible course of ruling that any American artist living abroad who has not renounced his American citizenship, and does not intend to do so, and who proposes to return to his country at some future time, is to be regarded by the Custom-house officials as "residing temporarily abroad," and his works are to be admitted free of duty. It is to be hoped that this ruling will promote the importation of works by certain Americans who, although they have lived for many years abroad, have by no means forgotten their country, but, on the contrary, have taken much pleasure in the credit which their talents have earned for it. Some of these men have few rivals, even in Europe, and the more of their works can be brought to this country, either under the inducement of exemption from duties or otherwise, the better for their fellow-citizens.

A QUESTION of some interest for architects and builders was decided a few weeks ago in France. A firm of manufacturers engaged a workman, named T, for a term of three years, to apply a certain process for varnishing leather, in which he was expert. The engagement was made after a two-months' trial of his capacity, and stipulated that he should be paid fifty dollars a month during the term of his engagement. No provision was made for terminating the agreement before the end of the term. Soon afterwards, and before the expiration of the partnership term, the firm was dissolved, and a new one formed, between the same partners, and under the same name, but with the difference that the one who seems to have been the moneyed man in the firm now appeared only as a special partner, and, in consequence, with limited liability to the creditors of the firm. T was assured that no change would be made in his relations to the firm; but the partners changed their minds, later, and discharged him, and he was obliged to go with his family from Paris to Toulouse, to find other em-

ployment. He claimed damages from his original employers, but was told that the firm with which his contract was made had been legally dissolved, and existed no longer, and that the present firm was entirely a new affair. He was energetic enough to demand his rights through the courts, and recovered a full year's salary, the partners being condemned to pay the costs of the action. The account of the case, in *Le Génie Civil*, seems to suggest that the new firm had fallen back, in its defence, on the plea of the limited liability of the partner with the money, for the Court condemned the two partners to pay, as individuals, "*solidairement*," the sum awarded, as damages for the breaking of the contract, holding that, notwithstanding the change of identity of the firm, the agreements made by the partners could be terminated or broken only at their risk. In these days, many frauds are perpetrated by the medium of irresponsible corporations, and architects sometimes suffer through doing work, at the request of persons of their acquaintance, which turns out, as they are told later, to have been done, not for the individuals, but for a corporation in which they are interested. This corporation often has for assets simply a piece of paper with the seal of New Jersey or West Virginia on it, and the architect, in the end, is obliged to charge the amount of his bill to the account of experience. It is well to know, in such cases, that if the work is done at the request of an individual, without mentioning the corporation, the architect is not obliged to look to the corporation for his pay, unless he consents to do so. It is a maxim of law that a creditor cannot be compelled to accept a new debtor in place of an old one, and professional men need not, and should not, consent to any juggling with their bills without taking time for careful examination of the circumstances.

THE discovery of the method of liquefying air has been followed by the application of the new material to various purposes, among them being that of the fabrication of explosives. Strange as it may seem, air, liquefied by enormous pressure, and a temperature several hundred degrees below zero, is a comparatively stable substance, and remains so when mixed with sawdust, powdered charcoal, sulphur and other materials. The mixtures so made, containing, of course, a great volume of gas capable of liberation, behave like the explosives made with nitroglycerine, burning quietly when lighted with a match, but detonating with great violence when excited by a fulminating primer. A German company, as *La Revue Industrielle* notes, has patented the use, as explosives, of mixtures of liquid oxygen with oxidizable matters, and has introduced a new process for making them available. To prepare the liquid oxygen, it is only necessary to liquefy air, which is done on the spot by a refrigerating machine, and leave the liquid to itself for a while. The nitrogen, which is more volatile than the oxygen, evaporates, leaving oxygen in a condition sufficiently pure for practical purposes. After the evaporation has proceeded far enough, the remaining liquid is mixed with powdered charcoal or sulphur, according to the effect which it is desired to produce, and the charge put in place, and fired like other high explosives. Sulphur is said to give a violent explosion, and charcoal a slower one.

A CURIOUS little experiment, first made, apparently, by M. Charles Weyher, may be commended to students of physics, particularly of electrical physics; and M. Weyher's experiments indicate that some of the results might have important practical applications. It has long been conjectured that electric currents, instead of passing through the body of the conductor, traversed the ether immediately in contact with the surface, and the same is true for magnetic currents. By glueing strips of cardboard, on edge, longitudinally on a stick, and making the stick revolve, he obtained a circulation of the air in its neighborhood which may be assumed to be similar to that of the ether around a magnet. By suspending the bars with a universal joint, so that, while turning, the ends were free to move, he found that, if they turned in the same direction, the ends repelled each other, just as the similar poles of two magnets repel each other; while, by making the bars turn in opposite directions, the lower ends attracted each other. This experiment was repeated in various ways, always with the same result, the attraction or repulsion evidently depending upon the direction of the currents of air around the bars. In another experiment, the bar was revolved horizontally over a sheet of pasteboard, and fine sawdust sifted over it. The sawdust arranged itself on the paper in the well-known curves assumed by iron filings under the influence of a magnet.

THE BORGIA APARTMENTS OF THE VATICAN PALACE.

The Church at Saint Crespin, Oise, France. From *L'Architecture*.

THE rooms whose description follows once formed the private apartment of a most powerful sovereign, one who claimed to be Christ's viceroy on earth and was revered as such by millions. His personality and evil fame once filled the stage of the world. None of all the royal and princely habitations of his time has come down to us in as perfect preservation as this the home of Pope Alexander VI. It is, with the exception of one room and the minor accessories of movable furniture, almost as its owner left it, barring the effect of four centuries of time in dimming its gilding and frescos. It is at this time of writing being restored and will soon be opened to the public by the present Pope, Leo XIII, having been inaccessible, except to individuals, for centuries.

Roderigo de Borgia, Pope Alexander VI, ascended the papal throne in the year in which Columbus discovered America, and was of noblest and purest Spanish descent. In 1238 eight Spanish noblemen came from the little city of Borgia, and all of that name, to join King Jayme at Valencia to help drive the Moors out of Spain. A Spanish chronicle of the fourteenth century records that "there were eight of the name of Borgia who came to the King at Valencia and all, without exception, bore on their shields a bull on a golden field."

The house of Borja was prominent in church and State until it became famous, in 1455, by the election of Alfonso de Borja to be St. Peter's successor as Calixtus III. This Pope was the first of his name who came from Spain to Italy. He accompanied Alfonso of Arragon to Naples as secretary; became a member of the Sacred College; as Bishop of Valencia was, *ex officio*, primate of all Spain, and finally secured his elevation to the pontificate. The power and influence which Spain wielded at the Vatican for one hundred consecutive years was due to this Pope. During the thirty-five years which intervened between the death of this Calixtus and the accession of his nephew Alexander VI the power of the Most Catholic monarchy was constantly increasing, and during those years Spaniards formed the majority of the Sacred College. After receiving the red hat Alonzo de Borja sent to Spain for sundry relatives and used his position and power for their advancement. In the year after his elevation he created his nephew, Roderigo de Borgia, cardinal and vice-chancellor of the Holy Roman Church, thus paving the way for this relative's election to the Papacy. After his settlement in Italy Alonzo de Borja Italianized his name into Borgia, as spelt in all official documents of the time, and added to his armorial bearings, which were: *Or a bull passant gules, the difference of: A bordure gules, charged with eight flames or.*

The grandfather of Roderigo de Borgia married a daughter of the house of Doms, and, as was the Spanish custom, called himself Borja y Doms. His son, the father of the second Pope of the Borgia family, married a cousin, the sister of Calixtus III, and was, there-

fore, a Borja y Borja. Roderigo de Borgia, the Pope, in right of his grandmother impaled his own arms with the coat of the Doms: Barry of six azure and or, as we now see it on walls, ceilings and public monuments, always augmented by the papal tiara and keys.

Pope Alexander VI added a tower, still called the Borgia Tower, containing two rooms and a staircase on each floor, to the northern part of the Vatican palace built by Nicolas V in 1450. With this addition, that building consisted of four stories of six rooms each, alike in plan. All these rooms were lighted by windows on the northern side. The edifice had been built on the site, perhaps with the materials, of the old Leonine city-wall, and looked down upon the present court of the Belvedere, then a simple enclosure, the scene of tournaments and other festivities not quite so innocent, as chronicled in the curious "*Diary*" of Burekhardt, the papal master of ceremonies.

The length of the above-mentioned apartments was about two hundred feet, and their width about forty feet. Each room was connected with the next by doors on the Belvedere side, and a continuous open balcony was carried along the windows of each story as far as the Borgia Tower, which projected beyond the line of the older building. At the close of the fourteenth century the Vatican palace extended no farther on its eastern and northern faces, the galleries called Raphael's Loggias had not been built, and the court of San Damaso was not enclosed by buildings as it is to-day.

The Pope chose to occupy the second story for his own personal use, and afterwards his son Caesar was installed on the floor above. The first story, or ground-floor, housed the "Vaticana" of Sixtus IV, the nucleus of the present Vatican Library, during Borgia's reign and for many years more, until it was removed to its present location. Its ceilings were decorated by Ghirlandajo and Melozzo da Forlì by Sixtus's order and its floors were covered by Majolica tiling, still *in situ*. The rooms are now used for the storage of papal furniture, and the saints and prophets of Ghirlandajo look down upon piles of tapestry and carpets.

In 1492 the main entrance to the Vatican stood where the western end of Bernini's gallery now runs and led to a porch in what is now the court of the Marischiello. This porch covered the entrance to the great staircase. From the head of its first flight the visitor of that day proceeded northerly to the Sala Ducale, or the Sala del Papagallo if his reception were to be a matter of state ceremony, or, if an informal one, passed on, through a succession of "*paramenti*," or robing-rooms, to the Pontiff's private audience-room, the first of his above-mentioned private apartment. A stairway in the Borgia Tower gave, and still gives, access to the western end of the suite.

The decoration of these rooms was finished in 1495-96. It is confined to that portion above the cornices; below these the plain flat walls were covered by tapestries or hangings — this we know because such was the fashion of the day; many of the hooks for their suspension remain, and the accident to the Supreme Pontiff, hereafter noted, caused him to be taken out unconscious from under the fallen ceiling of his audience-room, but, in a measure, protected by a piece of tapestry torn from the wall. All the rooms are about 30 feet high; three in the main building are vaulted; the audience-room and the two in the Borgia Tower have flat ceilings resting on deep vaulted coes; all the vaulting springs from cornices placed at about half the height of the rooms.

Pinturicchio was the artist chosen to devise their decoration, but its actual execution must have been the work of many other hands, for the carved, gilded and painted surface, much of which is in high stucco relief, covers a surface of nearly 200' x 45'.

Pinturicchio was undoubtedly the most skilful decorator of an age which demanded that the master of this art should be a skilful sculptor, painter, gilder, modeller-in-stucco and carver-in-wood. These rooms bear ample testimony to his eminence in all these branches of art. The sovereign for whose delight they were adorned was a sensuous, splendor-loving pontiff, who spared no expense in gratifying his love of the arts as adjuncts to his personal pomp. The ultramarine-blue here lavishly used then cost its weight in gold and the gilding is heavy and profuse. The general scheme of ornament was undoubtedly meant to be the glorification of the Pope as sovereign and pontiff. Pinturicchio was the last great master of the school of Giotto who revelled in allegory. He used pagan and Christian subjects at will, but, with all its freedom, his work is noble, grave and restful. There is no license, no folly here; the gambolling, fat *putti*, the pseudo-classical chimeras and *groteschi*, so dear to many artists of the Renaissance, are absent. Lucretia Borgia is not pictured here, nor any of the Borgia family except the Pope himself.

The thickness of the walls at the windows is 5 feet; the subdued light thus admitted and the dimming, by time, of the gilding and primary tints so freely used have made the whole effect a noble symphony in color. Each room had its finely carved and ample fireplace. The door-openings have marble jambs and headings delicately carved in the exquisite style of the early Renaissance. The floors were covered with Majolica tiling, fragments of which still remain in place. The whole when perfect must have formed the most beautifully decorated apartment the Renaissance ever produced, surpassing the far-famed Stanze of Raphael, which form the second of the Borgia apartments, namely, the floor above the Pope's. There Caesar Borgia, cardinal-archbishop of Valencia and primate of Spain at sixteen, dwelt when Duke of Valentinois and Gonfalonier of the Roman Church.

This description will begin with the rooms in the Borgia Tower as

entered from the side of the Library and pass eastward through the suite. Wherever the Borgia arms are blazoned they are framed in gilded carving on a ground half red, half blue.

In the first two rooms the mouldings and ornaments, with the exception of the cornices and the Borgia arms of carved wood, properly tintured, are painted in imitation of relief, in strong contrast with the next three rooms, where similar ornaments are of stucco in high relief. Their scheme of color and decoration is distinctly different, and the visitor is at first inclined to ask himself whether they were designed by the same hand; yet a careful examination will show that the same purpose runs through all their allegories and allusions both Christian and Pagan, namely, the glorification of Borgia. Everywhere, on cornice and ceiling, the gorgeous Borgia arms, always augmented by the papal tiara and keys, point their moral of earthly and heavenly dominion; the flat surfaces—even some of the cornices—are powdered with the Borgia badges: the bull, the flames and the rayed crown, the latter probably the emblem of some Spanish dignity or title.

In the first room, about 25 feet square, the main part of the ceiling is flat and rests on a deep-vaulted cove springing from a shallow cornice. The flat surface is divided by painted mouldings into octagonal and circular panels; the circles have gilt ornaments on a blue ground; the octagons have a gilded ground enclosing a blue lozenge. The guilloche ornament is green. The half-circles of the edges of the flat space are ornamented alternately by two of the Borgia badges, the gilded flame-rays on a red ground, and the rayed crown, gilded, on blue. The vaulted cove forms three lunettes on each wall enclosing three-quarter-length paintings of a prophet and sibyl. Between the lunettes are octagons, in each of which are paintings symbolic of the planets, and one of astrology.

The form of the next room is that of an irregular parallelogram of 20' x 38'. Roof and ceiling are similar in form to that in the room just described. The lunettes have half-length figures of prophets, apostle and sibyls. Secondary colors are used in the decoration, but the red, blue and gold of the Borgias predominate. The ceiling bears the arms of the Pope and the inscription

ALEX. BOR. P.P. FUNDAVIT, MDCCCCLXXXIII.

The remaining four rooms occupy the whole length of the building of Nicholas V and are on a higher level; seven steps carry the visitor up to the next room, which was the Pope's bedroom, wherein he died, in 1503.

The walls of this and the next two rooms each measure about 28' x 38' and are 30 feet high. Each is divided, for constructive reasons, by a transverse arch whose soffit is 4 feet wide. The ceiling is vaulted and the vaulting is intersected by nearly pointed transverse vaulting on both sides of the great arch. The vaulting ribs are of gilded stucco in low relief with gilded bosses. Their outer mouldings are partly painted and partly in relief. The flat space between the ribs is diapered in a geometrical pattern on an ultramarine-blue ground. In each division of the ceiling the ribs and mouldings form an octagon enclosing a rayed cartouche within which the Borgia arms are carved. The Borgia badges—the bull, the rayed crown and the flame rays—form the main ornaments of the vaulting. The soffit of the transverse arch is painted, but the ornament is not in relief and is evidently a restoration. The arms of Pope Alexander are also blazoned in carved wood in the spandrels of the lunettes of the rear wall and on the cornice below the imposts of the transverse arch. Allegorical paintings of the sciences fill the lunettes of the ceilings. In the paintings more or less of the accessories are in stucco relief, such as the thrones and the personal ornaments of the figures.

In the next room the vaulting is, constructively, the same, but its ornament differs in the introduction of figure-decoration in the ceiling and the greater use of stucco relief in the pictures themselves. "In this series, besides the accessories of the figures, the aureoles, arms, and parts which are gilded, we have large architectural features in four of the lunettes modelled with a projection of several inches. The soffit of the large arch is panelled in octagons and oblongs, the former filled with paintings of the myths of Argos Panoptes. The ornaments and mouldings are in stucco relief, gilded, on an ultramarine-blue ground." The edge mouldings of the vaulting ribs are gilded, the centre is filled by gilded geometrical ornament enclosing blue, gold and green spaces filled with the Borgia badges. The figure decorations of the vaulting illustrate the myths of Isis and Osiris. All the subjects of the paintings in the flat surfaces of the lunettes are taken from the lives of the saints except one. The face of the Emperor Maximilian in the picture of "St. Catherine before the Doctors" is not that of Cæsar Borgia, for he was only seventeen years old when this picture was painted, and the Emperor is represented as a middle-aged bearded man. Nor can the St. Catherine be a likeness of Lucretia Borgia, for she was several years younger than her brother Cæsar. Often both must have examined with admiration and delight the beautiful details of their father's apartment. Their presence there is repeatedly noted in the despatches and chronicles of their time. The sculptured cornice of this room is very deep and powdered with the Borgia badges. The acanthus leaves which cover the imposts of the transverse arch are green, with gilded veins. The Borgia arms occupy medallions at the meeting of the vaulting ribs and, on an appropriate scale, are repeated on the cornice beneath the imposts of the transverse arch

and in the centre at the rear of the room. The design of the doorways is very beautiful.

The transverse arch of the next room has no responds. Here the Borgia arms are placed in the spandrels of the vaulting of the lunettes of the rear wall. The Borgia badges—the flame rays and the rayed crown—are placed quartering, on a mi-party red and blue ground, in medallions at the meeting of the vaulting ribs. Half-lengths of prophets painted on projecting circular medallions take the places of the Osiris series in the last room, each having reference, through a prophecy inscribed on a scroll, to the subjects of the wall-paintings of the lunettes of the vaulting; all are taken from the Bible except one. The arabesques in the ceiling—of golden bulls and ornaments on an ultramarine-blue ground—are very beautiful. The only one of the subject-paintings not taken from the Bible is a picture of the "Resurrection." The figure of Alexander VI is introduced in the left foreground, kneeling, with hands joined in the attitude of prayer, the papal tiara at his feet. Above him the Saviour soars from the tomb. The resemblance of this portrait to that of one painted on panel in 1492, and sent by the Pope to his cousin, Francisco de Borja of Xativa, and now in the museum at Valencia in Spain, is very striking. The above is the fresco which Vasari the Inexact, who never saw it, describes as the figure of the Pontiff kneeling before the Virgin, whose face is that of Julia Farnese, the Pope's acknowledged mistress.

The frieze of the cornice of this room is carved in fruit and flowers beneath a bed-mould with the egg and tongue and a beaded ovolo.

The sixth and last room of the apartment was once Borgia's private audience-chamber, and is of great size, being about 70 feet long and 38 feet wide. Unhappily, every trace of its original decoration by Pinturicchio is gone. John of Udine and Pierino del Vaga painted and ornamented it by order of Pope Leo X. The style of the work is so commonplace that it is not worth describing. The chimney-piece is large and delicately carved, but not of the time of Alexander VI.

A despatch to the Signory of Florence by Francisco Capello, their resident at Rome, tells the following story:—

On the 29th of June a sudden storm broke over Rome. The Pope was sitting in the great room of his apartment about to give audience to the cardinal of St. Praxede. Vespers had just sounded when suddenly a tremendous crash was heard and the room filled with a thick cloud of dust. As soon as those present recovered from their momentary fright they found that a monumental chimney-stack had fallen through two floors of the building and the ceiling of the audience-room, almost burying the Pope under the ruin. He was taken out unconscious, but preserved from serious injury by a piece of tapestry torn from the wall close to which his chair-of-state stood.

Capello further stated: "Some of those on the floor above occupied by the Duke of Valentinois"—Cæsar Borgia's French title bestowed by Charles VIII of France—"were killed." Thus we now know that the other Borgia apartment was that on the floor above that of the Pope, was therefore composed of the rooms now forming the famed "Stanze of Raphael," and that the walls afterward made famous by the brush of the great painter once echoed the music and merriment of the orgies of the two Borgias: the Supreme Pontiff of the Roman Church and his Gonfalonier, or Standard-Bearer, as put down succinctly in the peculiar "Diarium" of Burekhardt, the papal master of the ceremonies.

C. BUCKINGHAM.

THE ARCHITECT AND THE ENGINEER.¹



ONE of the most important papers, in my opinion, which has appeared for many years, was that read by Mr. H. G. Bradlee of Boston, at the recent Annual Convention of the American Institute of Architects, on the "General Practice in regard to the Employment of Electrical, Heating and Sanitary Engineers." If you

¹ Extract from an address by William H. Bryan, M. E., delivered before the St. Louis Chapter of the American Institute of Architects, November 29, 1898.

have not read it I suggest that you do so at once. It is published in full in the *American Architect and Building News* of November 12, 1898.

The engineer is now generally recognized as an important factor in the construction and equipment of the modern building, and it is well that his relations to the architect, the owner, and to the structure itself should be more clearly defined.

I believe that most engineers whose work brings them in close contact with the architect will heartily endorse Mr. Bradlee's position. I cannot do better than quote from his opening remarks:—

"The architect of a modern building, if he is to design it complete in all its details, must, therefore, be an engineer, and must be familiar with mechanical, electrical and sanitary engineering in all its branches. Each of these departments of engineering has, however, grown to such an extent that a thorough knowledge of its details can only be acquired by years of study and experience, and, what is perhaps more important, they are at present in a state of rapid growth. New methods and new appliances are constantly introduced, so that the best work of ten years ago is considered inferior to-day.

"It is, therefore, clearly impossible for an architect to master all of these subjects and keep himself informed on the new methods which are developed. A man may be a good engineer or a good architect, he cannot very well be both. In fact, the peculiar traits of character which are necessary in an architect are different from those required by the engineer. Architecture has been defined as the art of building beautifully. The architect, it is true, must consider economy and the practical requirements in relation to design, but the fundamental principle of his work is art. He must be, first of all, an artist. His one absolutely essential quality is an appreciation of beauty, and the ability to express it in the buildings which he designs.

"Engineering, on the contrary, might be defined as the science of building economically, of getting the most strength, durability and use for a given expenditure. The guiding principle of the engineer is economy of operation, and on most of the work which he designs beauty is not even considered.

"If the architect is to personally take up the engineering problems he must neglect, to a greater or less extent, the work which architecture has stood for in the past."

Admitting then the desirability of entrusting the engineering work to engineers, it remains to define, if possible, his duties, his relation to the architect and owner, and the amount and source of his compensation.

The work usually handled by engineers covers the foundations, if difficult, the steel framework, the sanitary system, and the steam, heating, ventilating, power, elevator and electrical systems. The first three I shall not discuss, being outside of my own sphere of work.

I agree with Mr. Bradlee, that the engineer should work with the architect and not independently, and that he should be engaged and paid by the architect. The engineer should recognize that the architect is primarily responsible for the result as a whole, and that there cannot be two heads to the work. An architect of sufficient standing to be intrusted with the execution of important work, and of such experience as to see the wisdom of retaining an engineer, is usually broad-minded enough to defer to the engineer in all problems strictly within his field. On the other hand, the conscientious engineer will not insist on his own ideas to the detriment of important architectural features. He must appreciate the architect's work, as well as his own. Under these conditions differences will rarely arise, and when they do the engineer should yield to the architect, contenting himself with placing his views on record. In my own experience with architects, which has been quite broad, I have found them progressive and liberal, ready to cooperate with the engineer to the fullest possible extent in perfecting his branch of the work.

Engineering services do not differ from other services in that they must be paid for—if not directly, then indirectly. Mr. Bradlee brings this out very clearly. When a contractor is asked to prepare specifications an obligation is incurred. Furthermore, he cannot go into the matter as thoroughly, nor is his experience and training as broad, usually, as that of the consulting engineer. Besides this, he must maintain an engineering department, the cost of which, as one of the items of general expense, must be added to his bids, and eventually be paid by the owner. When each contractor makes his own plans, the bids are not comparable, and there is, strictly speaking, no competition. Cases have happened where contractors have been directed to add the engineer's fee to their bids, but this method of "beating the devil around the bush" is most objectionable. No self-respecting engineer cares to look for his compensation to a contractor whose work he must inspect, criticize and, perhaps, reject.

Mr. Bradlee very properly places the work of the engineer on the same plane as that of the architect, and entitled to the same consideration and compensation.

Having now decided that the engineer should be engaged, and properly compensated, it remains to determine where his compensation shall come from.

Directly, of course, from the architect who engages him. But should the architect turn over to the engineer his compensation on that part of the work, or should the owner reimburse him for the cost of the engineer's services?

In my own practice I have had a number of cases where the owner has paid all, or a large portion, of the engineer's fees, in addition to

the full fee of the architect. In most cases, however, he insists that the architect shall pay for such services. Such a position might not be unreasonable if the architect could dismiss the matter from his mind entirely, by placing it in the hands of competent engineers. But this he can not do. He must furnish a vast amount of drawings and data to the engineers, and must be in constant consultation with them. He must rearrange his plans, and make new drawings to properly adapt the engineering work to the building, and finally must retain such an oversight of the work and familiarity with its details as to insure that, when completed, it shall form a harmonious part of the whole. And, in addition to all this, he must conduct all the business dealings with the owners.

The compromise often reached is that the architect and engineer agree upon some division of the none too large fee of 5%, in which case both parties are underpaid. You are well aware that few architects acquire wealth at 5%, and I can assure you that when an engineer undertakes work at any less figure and does his duty conscientiously and thoroughly, he can make no fair return, if, indeed, he does not actually suffer loss.

Is there any injustice, then, in asking the owner to repay the architect's outlay in this direction? I believe not, for he thereby gets double service, and in the end the cost of his plant is no greater, and probably less. I heartily endorse the change in the "Schedule of Minimum Charges," proposed by Mr. Bradlee, and hope that it may have your approval, and may be adopted at an early day.

A further and important argument for allowing a reasonable fee to the engineer is that modern apparatus, such as boilers, furnaces, engines, elevators, dynamos, heating systems, etc., are usually purchased on guaranties of efficiency, and that extensive and exhaustive tests—requiring much apparatus, numerous skilled assistants and considerable time—are necessary to determine whether the guaranties have been met. These tests are of vital importance to the owner in the future operation and maintenance of the plant, and it certainly is not good policy to specify high results, and then not take the steps necessary to see whether those results—guaranteed and paid for—have been reached. There is no rule which requires either the architects or engineers to make such tests without proper compensation, nor is it just to expect them to do so. In every case where we have made expert tests of this character we have found the apparatus out of adjustment, and not in condition for the best performance. The remedying of the defects alone was worth to the owner or tenant more than the cost of the tests.

BOOKS AND PAPERS

THE second volume of Mr. Kidder's work¹ on building construction is devoted to carpentry and joinery, and shows Mr. Kidder perhaps at his best. There is something appalling in the amount of detail involved in the construction of wooden houses, or the installation of wood-finish, in this country; but the author has faced his task courageously, and has accomplished it, on the whole, successfully. It is, perhaps, inevitable that in such work advantage should be taken of the labors of others, and Mr. Kidder, in his anxiety for comprehensiveness, has always shown a tendency to compilation of all existing information on his subjects; but, in the present case, we think that the volume would have gained by being more exclusively the presentation of his own ample knowledge, and his first appendix, devoted to patented devices used in connection with carpenters' work, would have been much better omitted.

With the exception of these suggestions, we have nothing but praise to give to the book. Of course, no book can, for the young architect or student, replace the study of construction on the spot, and it should be borne in mind, in reading the chapters on hardware and fittings, that such things change every year, and that too much reliance on a book is apt to close the mind of the young practitioner to the merits of the novelties which are continually coming on the market; but a book can call the attention of the student to the things which he needs to observe, and give him a means of comparing different materials and methods of work, from which he can, later, form his own standard, and this Mr. Kidder's volume does in an admirable way. Moreover, the methods which he describes are usually those of the best present practice, and serve very well for a preliminary standard, which the architect will modify, later, to suit local customs and the conditions of his own work.

The illustrations are numerous and good, showing clearly what they are intended to show, and being nearly uniform in character.

THE student of sanitary engineering who has access to a good library, and who has not the advantage of membership in a professional school, could hardly do better than to take up this little book,² learn from it the objects and principles of the science, and extend his researches by means of the admirable series of questions attached to each chapter, the answers to which are to be found in other books

¹"*Building Construction and Superintendence.*" By F. E. Kidder, C. E., Ph. D., Architect, Fellow of the American Institute of Architects: Part II, Carpenters' Work, 524 Illustrations. New York: William T. Comstock, 25 Warren St. 1898.

²"*Elements of Sanitary Engineering.*" By Mansfield Merriman, Professor of Civil Engineering in Lehigh University. New York: John Wiley & Sons. 1898. Price \$2.00.

and periodicals, references to which are given. It is hardly necessary to say that the text of the work itself, like that of all Professor Merriman's books, is well-arranged, condensed and precise. No space is wasted on long quotations from other books, which can better be consulted in the original; and the information given is the most important, scientific and modern now available. Naturally, the course of parallel reading indicated in the questions will not be in all respects either modern or scientific, but the student can easily pick out and correct for himself; while care is taken to make it so varied as to be interesting, the student being obliged, in one place, to find sketches and descriptions of the four principal kinds of apparatus for the disposal of garbage, while, in another, he is referred to Charles Reade's description, in "Put Yourself in His Place," of the breaking of the Dale Dyke dam, in England, in 1861, and is required to ascertain elsewhere the dimensions of this dam, and the cause of its failure.

Apart from its arrangement, the expert will not find much that is novel in the text, nor is it intended that he should, the book being expressly intended to contain the elements only; but the novice will find these elements presented in an admirable fashion, and, guided by the appended indications, he can extend his study as far as he wishes, with great economy of time and labor.

ONE looks for thoroughness in German work, and we take up a new German history of architecture with confidence that the subject will, at least, be treated with adequate knowledge. In the case of Herr Mauke's book,¹ we certainly are not disappointed in this respect; and if we do not find in it all that we would like to see, the deficiency is not due to any lack of equipment on the part of the author. Nevertheless, the professional reader will, we think, lay down the book with a little dissatisfaction. The preface points out that architecture, as an art, is practically the development of building in stone; and it proposes to trace the development of the art in connection with that of the science of stone construction. A great deal might be said in accordance with this programme which would be new and interesting to architects, but a member of the profession who is tolerably familiar with its literature and its monuments will look for this novel information in vain. Instead of this, Herr Mauke gives us a comprehensive, but very condensed, history of architecture, containing little that cannot be found in Fergusson, Rosengarten, Lübke and others. The most conspicuous innovation, but a very convenient one, consists in drawing the plans and elevations for the most part at the same scale, so that the size of buildings can be compared in connection with the design. This course was adopted by the editors of the admirable "Kirchenbau des Protestantismus," and its advantages were immediately apparent to the professional reader. Unfortunately, Herr Mauke is by no means so skilful a draughtsman as the illustrators of the "Kirchenbau des Protestantismus," and his diagrams, while intelligible, are not attractive in proportion to the other merits of the book.

As the author exhausts, in less than two hundred pages, the Egyptian, Assyrian, Persian, Pelasgian, Greek, Roman, Byzantine, Indian, East Asian, Mexican, Central American, Peruvian, Arabian, Moorish, Russian, Romanesque, Gothic and Renaissance styles, in their various forms, from the remotest antiquity down to the present day, and finds room for nearly a thousand drawings to illustrate his text, it may be imagined that his work is condensed, and it must be said of it that it is very well and understandingly condensed. We have observed that the professional reader will find little in it that he does not already know, although it will be convenient for him to find so much information collected in a single book; but for the use of schools and colleges, and for persons who wish to be made acquainted in the shortest possible time, yet in an intelligent manner, with all that has been done of importance in architecture in the world, without troubling themselves too much over details, or æsthetic considerations, or unnecessarily precise historical discrimination, nothing that we know of gives so many facts in so small a compass.

ADVANTAGES OF MECHANICAL DRAUGHT OVER CHIMNEYS FOR BOILER-FURNACES.

M^R. WALTER B. SNOW at the recent meeting of the Northwestern Electric Association strongly advocated the substitution of mechanical-draught in place of chimney-draught for furnaces. This can be accomplished either (1) by forcing the air into a closed ash-pit, and maintaining therein a pressure in excess of the atmosphere; or (2) by exhausting the air and gases from the flue or uptake, and thereby creating a partial vacuum, which will cause a constant onward flow of air to the combustion-chamber. The first method is designated as "forced draught" and the latter as "induced draught." In both types of mechanical draught centrifugal fans are used to render the draught conditions positive at all times.

The advantages of mechanical draught as stated by the author are its positiveness and flexibility. Its positive character renders its action independent of the weather; and its flexibility lends to it that characteristic so lacking in the chimney, the capability of exactly adapting the intensity of the draught as well as the volume of air to the requirements of the instant. Especially is this advantage noteworthy in cases where the service is irregular in character, that is,

when the demand for steam is fluctuating, as, for example, in traction service, where there are often sudden and immense fluctuations.

Again, a convenient feature of mechanical draught, pointed out by the author, consists in the ability to burn cheap fuels, which are almost invariably of small size and require an intensity of draught which is not readily created by means of a chimney.

Also, the positiveness and intensity of the draught produced by a fan makes it a valuable aid in connection with the suppression of smoke—a question that is of the first importance in cities where soft coal is the only fuel used.

Turning to the economic side of the question, the author points out that the chimney is an absurdly inefficient means of creating an air movement, affirming that it can readily be shown that under the ordinary conditions of steam-boiler practice a fan will remove a given amount of air with the expenditure of only one-seventy-fifth of the cost required by the chimney. Other economic advantages are itemized, but need not be specially referred to. The concluding portion of the paper contains a valuable statement of the comparative cost of the two systems, which should receive the careful attention of steam users. This is accordingly quoted:—

"In order that a definite comparison may be made between the two methods of draught production, a certain 1,600 horse-power plant has been taken, of which the cost is known. This consists of eight modern water-tube boilers, two economizers, and a chimney 8 feet in diameter by 180 feet high. The latter is located just outside the boiler-house wall. If a duplex, induced, mechanical-draught apparatus, each fan capable of operating the entire plant, should be substituted for the chimney, it could be placed immediately above the economizers, and with its attached engines could be rigidly supported by beams resting on the economizer walls. A short stack would serve to discharge the gases above the roof.

"The cost of the chimney, with damper-regulator and dampers, is \$9,300; that of the fans, engines, draught regulation and short stack, installed complete, would be about \$3,500, or only 38 per cent of the draught-producing apparatus for which it is substituted. That is, the saving would be \$5,800.

"With the increased draught produced by the fans it would be possible to raise the combustion rate and the steaming capacity, or, what is equivalent, the same capacity might be maintained with a less number of boilers. Suppose one of the eight boilers be omitted from the original design, making the plant 1,400 nominal horse-power, a further saving of about \$4,000 may thus be secured.

"If the land be valuable the reduction of space incident to the employment of mechanical draught may have an appreciable effect. If worth, say, \$2 per square foot, the saving by omission of chimney and one boiler would be about \$2,000. The total saving in first cost resulting from an expenditure of \$3,500 for mechanical draught may thus be shown to be \$11,800; that is, the saving is nearly three and one-half times the expenditure necessary to secure it. Obviously there is a coincident reduction in the fixed charges for interest and taxes.

"The power expenditure for operating the fans should be practically appreciable in any well-designed plant in which provision is made to utilize the exhaust steam from the fan engine.

"The most direct saving in operating expense which may be secured by the introduction of mechanical draught is that resulting from the utilization of cheaper fuel. Such a plant as previously described would, under good conditions, probably require at least 8,000 tons of high-grade coal per year, operating ten hours per day. If a saving of only 25 cents per ton could be effected it would represent an aggregate of \$2,000 per year—a very good return on an investment of \$3,500. But in many cases much greater savings may be brought about. A case in point is that of the United States Cotton Company, Central Falls, R. I., where, with a 1,000 horse-power boiler plant, the fuel originally employed with chimney draught was George's Creek, Cumberland, costing (at that time) \$4 per ton. With forced draught a mixture of No. 2 buckwheat screenings and Cumberland is now used, costing \$2.62 per ton. The saving has been about \$125 per week—enough to pay for the special steam fan in about six weeks.

"Other direct and indirect advantages of mechanical draught might be presented, but the limits of the paper will not permit. If it were not for its rough-and-ready character the chimney would long ago have been discarded, because of its wastefulness. In the search for the highest efficiency such waste can no longer be ignored, and when dollars and cents are concerned crude methods must give way to those of greater refinement. It is for this reason that the most progressive engineers of the present day are not only considering but adopting mechanical draught as a substitute for the chimney."—W. in the Journal of the Franklin Institute.

A NEW HOME FOR THE FRENCH CHAMBER.—At a moment when parliamentary institutions in France seem none too stable, the Chamber has resolved to provide itself with a new home, the present Palais Bourbon being miserably defective. M. Buquet, who has been charged with preparing the designs, after inspecting all the parliament houses of Europe, including the model chamber at Budapest, has fallen back on the hemicycle. The new "Salle" will cover an area of nearly 900 square yards, and have a height of about fifty-five feet. It will derive daylight from a glazed dome and from windows at the side, while artificial illumination will be supplied by 30,000 incandescent lamps. The cost of the entire structure is reckoned at close upon £150,000.—London Chronicle.

¹"Die Baukunst als Steinbau": von Adolf Mauke. 936 Illustrations. Basle, Benno Schwabe. 1897.

ILLUSTRATIONS

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

OFFICES OF THE REAL-ESTATE TITLE INSURANCE AND TRUST CO., CHESTNUT STREET, PHILADELPHIA, PA. MR. JAMES T. WINDRIM, ARCHITECT, PHILADELPHIA, PA.

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

COMPETITIVE DESIGN FOR "SHATTUCK PRIZE" FOR ARTISANS' HOMES. [OPEN COMPETITION.] SUBMITTED BY MR. WILFRED A. NORRIS, ARCHITECT, CAMBRIDGE, MASS.

THE author's scheme comprehends a central building, containing stores and tenements, detached and semi-detached dwellings. The buildings are of wood, with plastered walls inside, and shingled outside, with the exception of the central building, in which, above the first story, the construction is of the open-timber style.

Each house has modern conveniences, is fitted up with a bathroom, heated by hot air, lighted by gas, and has an open fireplace.

The finish both inside and outside is intended to be plain, avoiding mouldings where possible. White-pine outside and whitewood inside, spruce floors, and hardwood steps and rails on stairs, are the woods to be used.

The central building contains four stores.

The buildings cover 42,974 square feet of surface.

The class of artisans which it is intended to accommodate are supposed to be skilled and capable of earning from \$16 to \$20 a week. The rents to be equal. No class distinctions to be considered. If any preference is shown it is to the temperate and steady.

A statement of the cost of the property and the percentage of profit on the investment:—

	COST.
Land.....	\$24,000...160,000 ft. at 15 cents per ft.
Buildings.....	107,435... 42,974 sq. ft. at \$2.50 " "
Driveways, masonwork and incidentals.....	3,000
Architect's fees.....	5,000
	\$139,435
	EXPENSES.
Tax \$15 per \$1,000.....	\$1,800
Insurance.....	170
Water, \$15 each.....	810
Repairs.....	800
	\$3,580
Rents, 50 tenements at \$200 per year.....	\$10,000
Rents, 4 stores at \$150 per year.....	600
	\$10,600
Expenses.....	3,580
	\$7,020
Making a little over 5 per cent of profit.	

PLANS OF THE SAME.

A COMPETITIVE DESIGN FOR CHRIST CHURCH, WALTHAM, MASS. MESSRS. HARTWELL, RICHARDSON & DRIVER, ARCHITECTS, BOSTON, MASS.

A COMPETITIVE DESIGN FOR THE CONGREGATIONAL CHURCH, WHITINSVILLE, MASS. MESSRS. HARTWELL, RICHARDSON & DRIVER, ARCHITECTS, BOSTON, MASS.

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

THE OPÉRA COMIQUE, PARIS, FRANCE. M. BERNIER, ARCHITECT. This plate is copied from *La Construction Moderne*.

A GROUP OF MONUMENTS.

[Additional Illustrations in the International Edition.]

COMPETITIVE DESIGN FOR "SHATTUCK PRIZE" FOR ARTISANS' HOMES. [OPEN COMPETITION.] MR. JAMES C. GREEN, 351 CLINTON STREET, BROOKLYN, N. Y.

IN endeavoring to meet the requirements of this problem I have been mindful of the extreme necessity for economy, and accordingly have planned on the simplest lines possible, leaving large area for park, with dwellings arranged around the square.

Each dwelling is independent and has an attractive outlook, with porches on front and rear, separated from adjoining property, and no house conflicts or injures the aspect of another. It has been my object in the arrangement of dwellings to attain the greatest degree of privacy.

The walls and roofs are straight and simple, being cheap to construct and easily kept in repair. Around the rear of houses a driveway is provided for use of swill or ash carts, tradesmen and coal-wagons, relieving the front of the consequent dirt and noise. The park is intended as a recreation-ground and is provided with a shelter, toilet and retiring room for children, etc. The main street to the front is devoted to stores, etc., which could be let to artisans for shops. The company office for general manager will be on the second story, front,—the rear being occupied by an assembly-hall, to be used for fraternal societies, trade-unions, etc. All exposed brickwork to be Dover River, Flemish bond, with flashed headers laid up in white mortar, except jambs, etc., which will be red, as per elevation. All roofs to be Ludowici tiles, same as used on the German Government Building, World's Fair, Chicago. Floors to be hard rift-pine, and hard-pine trim throughout finished natural. Materials to be of good quality and work to be well and thoroughly done.

I estimate the cost, rentals, etc., as follows, these figures having been verified by a responsible firm of builders, Messrs. Thompson & Adams, Townsend Building, New York City:—

14 dwellings, right side, 310' x 31' x 29'.....	278,690 cubic feet.
14 " " end 217' x 31' x 29'.....	217,326 " "
14 " " left " 310' x 31' x 29'.....	278,690 " "
4 " " corners.....	74,240 " "
4 " " semi-detached.....	88,160 " "
2 end pavilions, 66' x 34' x 16'.....	71,808 " "
1 central pavillion, 174' x 34' x 31'.....	183,396 " "
1 drug-store 34' x 40' x 31'.....	42,160 " "
Total.....	1,234,470 " "

At 12 cents per cubic ft.....	\$148,136.40
Area of property, 173,889 sq. ft. at 15 cents..	26,083.35
Roads, walks, park, etc.....	15,000.75
Fences, coal-sheds.....	5,000.00
	\$194,191.00

Architect's fees, total outlay.....	9,709.00
Total outlay.....	\$203,900.00

I estimate the rentals as follows:—

50 dwellings, rent at \$12.50 per month.....	\$7,800 per annum.
8 stores, rent at \$17 per month.....	1,332 " "
1 large grocery-store, \$30 per month.....	360 " "
1 drug-store, \$30 per month.....	360 " "
1 meat-shop, \$12 per month.....	144 " "
1 store,—butter, cheese and eggs, \$12 per month...	144 " "
1 market, \$18 per month.....	216 " "
8 studios, \$15 per month.....	1,400 " "
1 assembly-hall, \$20 per month.....	240 " "
Total revenue.....	\$12,096 " "

5 per cent on \$203,900.....	\$10,195
Taxes and insurance.....	1,801
Total.....	\$12,096

PLANS OF THE SAME.

SHOREDITCH PUBLIC BATHS, LONDON, ENG. MR. HENRY T. HARE, ARCHITECT.

CLARIDGE'S HOTEL, BROOK STREET, W., LONDON, ENG. MESSRS. ERNEST GEORGE & YATES, ARCHITECTS.

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.]

"TRIAL BY FIRE."

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—You reprinted in your last edition a short article of mine on tall buildings entitled "Trial by Fire." As in that I treated the plainer and more popular phases of the subject, and dwelt more upon building morality than architecture, I am led to add a few suggestions on points that may have more weight with experts.

Every one will admit that the law can and should restrict all such extravagances of building as threaten serious injury to the people at large. It is only repeating truisms to say that it is not always best, nor should one be allowed, to do everything that can be done, and that all excesses are not progress. The architect, while keeping in

touch with all real reform, should be the last to encourage mere freaks. This is a slow art, progressing by careful and well-considered steps; and he should be especially conservative in his work on large and important structures. New methods and materials must be employed, but both should have been tested under very similar conditions to those in which they are to be used; and increase in dimensions should be a matter of gradual and carefully considered advance.

Now when any one asserts that the "steel and veneer" high-building construction, in the cheapness of which alone is the inducement to excessive height, is based on careful experiment, or any other proper assurance of safety, he states what cannot be proved. There has been no careful or extended experiment to justify any such departure. Such constructions have stood, with more or less premonitions of failure, for a very short period of years. The life of an important building cannot surely be reckoned at less than one hundred years; and the expense and pretentiousness of many of these "sky-scrapers" would call for a much longer life.

The lower members of a steel building are set in damp ground, often in water. They are nominally protected by paint and concrete and are rarely, if at all, open to inspection. Any one of extended experience in building knows the defectiveness and uncertainty of such protection. The steel members above ground have slight coverings of terra-cotta, or other veneer, set on little shelves of thin steel and secured by light ties and pointed with cement. This covering, if fortunately tight in the joints and free from cracks when new, is sure to be loose in a short time and is pervious to dampness through the material itself from the first. Against the action of both water and fire it is rather a screen to prevent the early detection of failure than a protection against it.

There is much more actual proof, derived from past experience, that thin steel and iron will be weakened to the danger point by rust within twenty years than that it should remain intact for that length of time.

Every one is familiar with the frequent failure of engineering works even when their metallic members are open to periodical inspection. But the engineer has justification which the architect cannot plead, and is almost compelled to force experiment to the verge of hazard. Engineering and architecture have really little in common, and the attempts to unite them have almost always resulted in disaster to the latter. The whole art of architecture is based on the principle that there must be a sufficient quantity and stability of material, in excess of absolute practical need, for the proper arrangement of parts and decorative features, which shall have some real relation to and conformity with the forms of use and construction. A piece of skeleton steel-framing or an immense blank wall may inspire wonder by ingenious arrangement or vast bulk — but they are not architecture. A mere veneer of stereotyped forms is no more architecture than a scene-painter's canvas or a cast-iron stove.

If the "sky-scraper" were a fit and necessary element in our civilization, and it were safely built, as it should be if built at all, it could only be treated as a novel creation and in a new style. Everything heretofore has borne some relation to the size of man and his limits of vision. What becomes of such standards when you sky a classic order 200 feet in the air? There have been a few tower-like structures built, of some merit as pictorial designs, but there has been scarcely one honest effort to indicate that these steel "contraptions" were anything other than the most solid masonry. They represent the acme of architectural mendacity; — standing lies for the corruption of civilization. If we do not call a halt the future pilgrim from New Zealand who climbs to a pier of Brooklyn Bridge to sketch the ruins of New York will look out over a tangle of rusty steel.

Ruskin wrote some fifty years ago, "Abstractedly there appears no reason why iron should not be used as well as wood; and the time is probably near when a new system of architectural laws will be developed adapted entirely to metallic construction." Whatever one may think of Ruskin as a guide, these words were, in a measure, prophetic. But where is there a particle of evidence of any attempt at a development of architectural laws adapted to metallic construction? The same old forms, with little change of scale, are made to serve as before. The architect admits himself beaten, surrenders the larger part of his prerogatives to the engineer, accepts what money-return he can derive from the degradation of his art, and rests content.

The worst fault of the profession in this matter is its acceptance, without effective protest, of the real-estate speculator's dictum that excessively high buildings are either necessary or useful to any who do not build simply to sell again, or to draw out of an investment before its inevitable failure. The recent efforts of architects and other experts to check the growth of the vast areas of wooden buildings that threaten the safety and prosperity of Boston have been met in the same spirit. The champions of both perpendicular and superficial expansion use the same arguments: "No restriction must be put on trade or speculation, and the people have no rights which the individual is bound to respect."

If our profession is to inspire and maintain confidence it must be the duty of its members to warn their clients against methods and forms of construction that they believe to be of doubtful expediency or of untried stability or durability. Neglecting this plain duty,

future failures are sure to react to the discredit of architecture and architects.

JOHN A. FOX.

NOTES & CLIPPINGS

ST. LOUIS FEARS CHICAGO SEWAGE.—The present agitation over the effect of the Chicago drainage-canal upon the water-supply of St. Louis would be more impressive if there were not reasons for believing that it is prompted, to some extent, by other than sanitary considerations, and if those city officials most directly responsible for the purity of the water-supply and the welfare of the city were not either silent or very conservative in their comments on the subject. It seems rather late in the day to demand a National investigation of this matter, now that so many millions have been spent, and the work is so nearly done. There have been similar attempts before, but they came to nothing. Whatever the real merits of the case, it is certain that Chicago is only one of many cities already polluting the water flowing by St. Louis, and that the latter city does not call in question its own conduct in discharging its sewage into the same stream, for the benefit of Memphis, New Orleans and other cities below. The new drainage-canal will undoubtedly result in sending more of the Chicago sewage toward St. Louis than now goes in that direction, but it will greatly increase the dilution. The law requires a flow of 20,000 cubic feet of water per minute in the canal for every 100,000 population, or over 1,800 gallons per capita per day, so the sewage starts out more than 300 miles above St. Louis with much dilution. This dilution is gradually increased as Illinois is traversed. Before St. Louis is reached the Mississippi and Missouri dwarf the original volume of sewage to insignificant proportions. But for all this it is perfectly proper for St. Louis to inquire how much its water-supply is going to be endangered by any disease germs that may survive the conflict for life during the long journey from Chicago. The reduction in the original number of disease germs will be immense, since they die, rather than multiply, out of their natural element, and will be deposited along the bed and banks of the stream for more than 300 miles, there, too, to succumb to adverse influences. The number that may finally reach the St. Louis intake will be scattered through hundreds of times the original volume of the water that conveys them. It is quite probable, though we do not pretend to have definite information, that towns of comparatively insignificant size, not far above St. Louis, will endanger its water-supply more than the discharge of the Chicago drainage-canal, while if the latter is to be feared far greater danger has existed for years from the sewage of Chicago, St. Paul, Minneapolis, Omaha, Kansas City, and scores of smaller places in the Mississippi drainage-area. Settling-basins and filter-beds were recommended for St. Louis by the late James Kirkwood some thirty years ago. Certainly, if they were needed then they would be of far greater value now. The settling-basins were provided and they have been included, on a larger scale, in the new works for St. Louis. Studies for filtration have also been prosecuted there for some years past, and doubtless a filter plant will be installed inside of five or ten years. — *Engineering News*.

CHIPPENDALE FURNITURE CAUSES TROUBLE IN VIENNA.—It would be interesting to discover the source of the wind of discord that is now setting everybody by the ears in the dominions of Francis Joseph. It is not only that quarrels have developed of late to such an extent in the two national Parliaments as well as in all the provincial diets and municipal assemblies as to render them veritable beer-gardens, but the spirit of conflict is pervading all social and domestic circles, and government, municipal and financial administrations. The latest phase of this universal discord is a fight which has broken out in the Imperial Museum at Vienna, and has led to the resignation, in a fit of anger, of Archduke Rainer, the venerable founder and protector of the institution, and he has been followed into retirement by the director and the entire staff of the museum, which is now without a head or management of any kind. It seems that the director, an easy-going court official of the name of Baron Scala, was suddenly seized the other day with the prevailing mania for quarreling, and, to the amazement of every one, declared that the Austrian furniture — admittedly the most artistic and picturesque in the world — was entirely unesthetic and that English Chippendale was the only furniture that was worthy of figuring in the museum. Consequently, he had everything in the shape of Austrian furniture relegated to the cellars. When remonstrated with by the courtly old Archduke he told him curtly to go about his business, the Archduke declaring that he had never been talked to in such a manner in his life. Still more aggressive did the Baron show himself to others who ventured to interfere, and after developing all the qualities of the traditional bull in the china shop, he literally bounced out of office in a fit of rage. — *Marquise de Fontenoy in the Philadelphia Press*.

THE WALLACE ART TREASURES.—I hear that considerable progress is being made with the reconstruction of Hertford House, in Manchester Square, for the fit accommodation of the magnificent collection of art treasures bequeathed to the nation by the late Lady Wallace, but that many months must elapse before the buildings will be in a sufficient state of completion to warrant the admission of the general public. Up to the present time the stable portion of the building and the offices have been swept away, and the additional space thus obtained converted into galleries, the lighting of which has been secured by throwing out a number of windows into the streets and court-yard. These alterations will add considerably to the space previously available for exhibition purposes, which represented a floor-area of 18,000 superficial feet and a wall-space of about 34,000 feet. Over the principal entrance to Hertford House there is also being erected an elaborate portico, which will materially assist the ingress and egress of the public. — *London News*.

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STEEL CEILING, STEEL ROLLING SHUTTERS, ETC.

READERS of the *American Architect and Building News* who may wish to equip their buildings with superior steel ceiling or steel rolling fire-shutters or warehouse shutters should write to The Kinnear & Gager Co., Manufacturers, Columbus, Ohio, for their catalogue and price-list, also read carefully their advertisement on another page of this publication.

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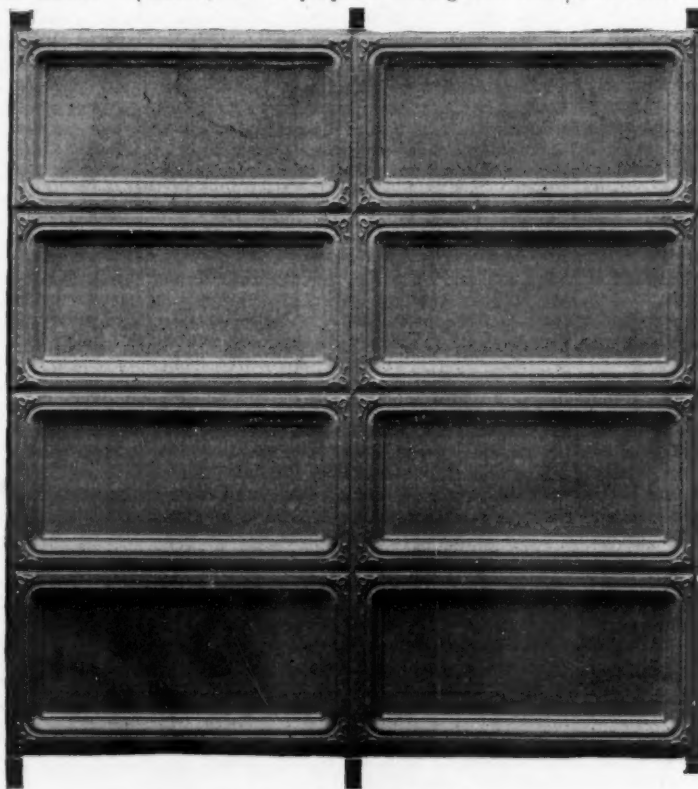
you a practical demonstration of the merits of Surfacene as compared to shellac.

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PAINTING TO PREVENT CORROSION.

IN looking over the issue of *Engineering* (London) for September 9, our attention was caught by a very interesting account of an extraordinary case of the corrosion of metal-work on the Washington Street bridge in Boston, and we purposed making some com-

as an oxide; we have recourse to the most powerful chemical agencies to reduce it to a metallic condition, and nature is constantly trying to get it back to its original state. Sooner or later the attempt will be successful, and all we can do is to retard the process as much as we can. To show how real is this danger, I will call attention to two plate girders recently removed from the bridge which carries Washington Street, the most important business street of Boston, over the Boston & Albany Railroad tracks. Only the lower parts of the girders [the holes in which were each several square feet in area] seem to have been attacked. This is because these portions were below the level of the sidewalk and roadway, which confined the smoke and steam from the railway engines, holding these gases in contact with the lower parts of the girders, while the upper portions were correspondingly protected. This bridge was erected in 1871; the girders were wrought-iron, and the plates composing the web were $\frac{1}{4}$ inch thick. Originally the roadway was carried on floor-beams depending on these girders; but some years ago, on account of the weakened state of the latter, the floor-beams were replaced by girders, so that these old girders only carried the sidewalk, or, rather, each carried one-half of one walk, the outer half of each walk having always been carried by a narrow girder put up in 1871, which did not rust much because, being at the extreme outer sides of the structure, the smoke and steam readily passed away from them into the unconfined air. The whole bridge was regularly and frequently painted, and the paint did protect these outer girders; but under the middle of the bridge the conditions were so severe that the paint was rapidly destroyed, and in consequence the progress of corrosion was nearly continuous. It will be obvious to any one who looks at these pictures that unprotected iron or steel is very far from being a permanent substance, and also that if it is possible to protect it by painting it is worth taking pains to have it well done. This is especially true of buildings which depend on a steel frame for strength and rigidity, because the metal-work cannot be made accessible either for inspection or repainting, and all that can be done is to make a good job in the beginning. As a matter of fact, these structures get on the average about the poorest class of work in this line. The principal requisite in paint seems to be cheapness; and except in cases where the metal-work is done by some reputable bridge company, which has been obliged by the railroad men to take pains with its painting, the



The Kinnear & Co., Steel Ceiling.

ments upon it. Before, however, we found time to do so, the mail brought us from Messrs. E. C. Smith & Co., of New York, a very valuable little treatise on the preservation of structural metal-work, and on looking through it we discovered that *Engineering* had derived the kernel of its article from this little treatise and had extracted from it a considerable portion of its account.

We now give below, with all due credit to the author, Prof. A. H. Sabin, a considerable portion of this treatise, which well deserves the careful attention of our readers:—

The great enemy of all iron and steel work is rust. It must be remembered that iron does not occur in the metallic state in nature, but

sequence the progress of corrosion was nearly continuous. It will be obvious to any one who looks at these pictures that unprotected iron or steel is very far from being a permanent substance, and also that if it is possible to protect it by painting it is worth taking pains to have it well done. This is especially true of buildings which depend on a steel frame for strength and rigidity, because the metal-work cannot be made accessible either for inspection or repainting, and all that can be done is to make a good job in the beginning. As a matter of fact, these structures get on the average about the poorest class of work in this line. The principal requisite in paint seems to be cheapness; and except in cases where the metal-work is done by some reputable bridge company, which has been obliged by the railroad men to take pains with its painting, the

sort of painting done by the iron contractor is very often of the most perfunctory sort, such as no bridge-engineer would ever accept. It is shameful to see what sort of work the contractors are frequently able to put off on the architects. Often the architect feels obliged to take what he can get, to avoid delay, which would greatly increase the cost of the building.

The bridge-engineers, on the other hand, have another excuse. They sometimes say that bridge-painting is not an essential part of construction, but of maintenance: let the man who has charge of the latter paint his bridge as often as he likes; all we have to do is to build a good bridge and turn it over to him. This is wrong, because it is easier to get a good job done on new work than after it has become rusty; and in nothing is "prevention better than cure" more absolutely the case than in this matter of corrosion. It is not easy to prevent rusting, but, once started, it is next to impossible to stop it.

The most common specifications say that the metal surfaces should be cleaned so as to be free of dirt and scale, and sometimes it is added that this shall be done by steel-wire brushes, with scraping where necessary; this is preliminary to any treatment. Experience and observation have convinced me that paint adheres to a metal surface in the same way that other things do, and that the same conditions which favorably influence the adhesion of other coatings are desirable in the use of paint. For example, when it is desired to coat iron or steel with porcelain or vitreous enamel, it is found necessary to clean the surface by pickling in acid, or by the sandblast, or some equally thorough method. When the bicycle-maker wishes to make a japan enamel stick to his frames, he cleans them in the most perfect manner on an emery belt, after which they must not be touched, even with the finger, until the enamel is applied; the tinner cleans the metal with acid before applying the tin; the electro-plater does the same thing; except the painters, every one who applies protective coatings to iron or steel insists, as a matter which will not admit of discussion, on the absolute and fundamental necessity of removing not only loose scale and dirt but all scale and absolutely all oxide, so as to apply the coating to the pure metallic surface. Otherwise it has been found that, sooner or later, the oxide will separate from the metal surface, and of course the superimposed coating has to come off. It may be said that if the paint is a sufficiently continuous film it will keep out the air and water, and in that case there will be nothing to cause the closely adherent scale to separate from the metal. It is a sufficiently complete answer to this argument to repeat that the universal experience shows that nothing can prevent it in practice. If it cannot be done with such a perfect coating as porcelain or electro-plate, we cannot expect it with paint, which is, in its nature, somewhat porous, and with which we have to obtain protection by putting one coat on over another, trusting to the successive coats to fill up the pores and imperfections of those beneath. There is no doubt in my mind that the right way to prepare a steel or iron surface for painting is to clean it so that the gray color of the metallic iron will be everywhere seen. This may be done in some cases by scraping, in some by pickling, in others by the sand-blast; but in all the cost will be considerably more than is now commonly spent, because more work is done and a better result achieved. I believe that money judiciously spent to get a good surface is wisely invested; as I said before, no one doubts that it is, if really high-class work is in question. When the metal surface has been cleaned, there are two ways in practice for beginning the work: one is to have a shop coat of boiled linseed-oil, and the other a shop coat of some paint which is, or should be, specified by the engineer; each has advantages and disadvantages. The advantage of the shop coat of oil is that it permits more rapid inspection, and, as few engineers have inspectors in the contractors' shops, it provides for the painting being done under inspection; and as the oil coat is supposed to protect the metal from rust only until it gets on the ground, and does not take the place of a coat of paint, it is just so much more protection. The disadvantage is that the contractor may use some other oil than linseed, and thus apply a first coat to the sur-

face which will have a deleterious effect on the paint which is afterward applied. This is not only a possibility but a very common practice. The use of mineral oil, which is common in such cases, is, in my opinion, to be strongly condemned; it is injurious to the paint which is afterward applied, and it gives the unscrupulous contractor a small money advantage over his more honest competitors. There is no difficulty in getting pure boiled linseed-oil from reputable makers; it is best to buy it directly from the crushers. It will dry in 24 to 36 hours, but does not make a hard film for some time; in fact, it is always rather soft and tough, but not greasy. The advantage of using a shop coat of paint is that the sooner the paint is applied after the surface is cleaned the better it will stick; the disadvantage is that such painting is rarely done under inspection, and as the contractor is always in a hurry to get the work out of the shop, he does not like to wait for the paint to dry, and very often thins it with turpentine or benzine, which makes the painting much easier and makes it dry very rapidly, while, at the same time, it saves him money both in materials and labor.

Contract work in painting is almost always unsatisfactory, and calls for the most thorough and persistent inspection. In order to do the work rapidly, the painter wishes to thin his paint, usually with benzine. To get the inspector to consent to this, he makes a demonstration that the paint is too thick, by using, in the first place, a cheap brush, with the bristles tied around the end of a stick, thus making a hollow brush, having comparatively little capacity, instead of a better brush, which should be practically a solid mass of bristles, and which will hold a large amount of paint; this cheap brush (which, indeed, he intends to use on the whole job) he dips about an inch in the paint and then rubs it over the iron. As there is not enough oil present to lubricate the passing of the brush over the surface, what little there is serves as an adhesive to make the bristles stick to the iron, and the brush "pulls." This is supposed to show that the paint is too thick, and must be made more like whitewash by the liberal addition of benzine and "dryer." What the inspector ought to do in this case is to dip the brush deep in the paint, so as to fill it, then rapidly paint the surface, stopping as soon as the paint begins to be exhausted, and dipping it again. Before condemning the paint, he should further try it with a first-class brush; and if the weather is at all cold, the paint should be warmed by putting the tin pail which contains it in a bucket or tub of hot water. By using this latter device, it is within my knowledge that extensive jobs of painting have been done by the Calumet and Hecla Copper Company, the Northern Pacific Railroad Company and many others, when the temperature was below 50° F., sometimes as low as 40° F., and using one of the thickest and most sticky paints on the market. Paint should not be put on so as to cover more than 400 square feet, one coat, with one gallon of paint, as a rule, and probably no good paint will do it. It might be supposed that thinning paint with a quart of benzine would reduce the amount of solid material on a square foot one-fourth; but, in fact, three-quarters of a gallon of paint, which was intended to cover 300 square feet, may, by adding to it a quart of benzine or turpentine, be made so light in body that the gallon thus made will cover probably 800 square feet; and if it is a paint containing a well-ground iron oxide or carbon pigment, a coating of this extreme thinness will still be quite opaque, so that the fact that the metal appears to be completely covered is not an indication of sufficient thickness. If the pigment be white, as white-lead or zinc, or if the coating be a somewhat translucent varnish, the inspector can judge of the thickness to some extent by the color, especially on the first coat. All these things should be carefully guarded against. Some engineers strictly forbid the presence of turpentine or benzine about the premises, disregarding the workman's plea that he must have it to clean his hands, and so on. In no case should any considerable amount be permitted. Specifications should provide that the contractor must exhibit to the engineer bills from the manufacturer's agent of all the paint used, and that it should

all be brought on the premises in the manufacturer's sealed packages, and opened in the presence of the inspector, who shall take samples at any time, and the chief engineer may have the same tested at the expense of the contractor.

Most paints consist of pigments composed of some inert substances, ground or more commonly mixed in linseed-oil; and as one effect of nearly all pigments is to retard the drying of oil, it is usual to add dryers. In the paint trade a dryer is a mixture of lead and manganese compounds, dissolved in some medium, sometimes in oil, but oftener in turpentine or benzine, or a mixture of these. These act like the red-lead in a storage battery, by taking up oxygen and afterwards parting with it, thus serving as carriers of oxygen between the air and the oil. The objection to the use of a dryer is that it may continue to act after the oxidation of the oil has reached its normal, and consequently it is a general maxim that all use of dryers is a source of danger. They should not be allowed to be added to prepared paints, which have already been mixed in the proper proportions by the makers. Care should be taken that all parts of the work receive a coat of paint; if the shop marks, usually in white-lead, are allowed to stand unpainted, the inspector should insist that these should be as small and compact as possible, and that special care should be given to these portions of the surface when the second coat is applied. It is to be noted that there is an apparently unavoidable tendency for the paint to be thin on and along the edges; and the best recent practice is to require, after the first coat has been applied and usually after erection, a striping coat of paint applied along the edges and back an inch or two from the edge. After this has become dry, a second full coat of paint is applied. The result is that the equivalent of two full coats is applied over the whole surface. It would be a good plan, when this striping coat is put on, to touch up the rivets also. Paint always tends to draw off from rivets, and they usually are the first spots to show rust. It is desirable to have the paint as full as possible around thin edges. After one coat has been put on, the surface is comparatively smooth, and of course it will not take as much paint for a second coat; but as the brush slides easily over this surface, it is easy for the workman to apply an extremely thin second coat, and the inspector should be on guard against this. The labor is the largest element in the cost of painting, and it costs nearly as much to put on a thin coat as a thick one; the point to aim at is the application of as thick a coat as will be uniform and will dry thoroughly. It is idle to expect much protection unless the paint film is of appreciable thickness. Many of our best architects are requiring three coats on all work which is to be inaccessible, such as posts and beams in buildings. On bridge-work it is usually regarded as good practice to apply two full coats, besides the striping coat, if any is used, at first, and wait some months before applying a third coat.

To avoid accidents and to allow greater speed, the railroad engineers are trying to abolish grade-crossing, in many cases by depressing the tracks and throwing viaduct bridges over them, which usually are very low. These are subjected to the action of steam, sulphurous and other acid vapors and gases and to a sort of sand-blast action due to the ejection, at an immense velocity, of minute particles of coal and cinder from the stacks of the locomotives. Probably no paint will ever be made which will resist this very long; yet, unless effectually protected, the metal will be rapidly corroded. It becomes necessary, therefore, to paint these bridges frequently, and they are probably the most difficult structures to deal with which the painter is likely to find. In the first place, they should be very thoroughly painted with three or four coats of paint, and allowed abundance of time for drying, before they are erected. I believe it is absolutely indefensible practice to allow them to be erected before painting, yet it is too often done. Second, when it becomes necessary to repaint them, we encounter the following difficulties, among others: They are often so low that work can be carried on only in the intervals between trains. This is likely to prevent the thorough cleaning and scraping

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Imported Cement.

Used Exclusively in the Following New York Buildings:

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**Atlas Cement
Company,**

143 LIBERTY STREET,
NEW YORK.

which such surfaces need more than any others, and also causes the painting to be done in a hurried and piecemeal way; as trains are frequently passing, the paint gets blown off while it is still fresh, and its adhesion is comparatively small. Where there is room enough, it is desirable to put up a movable wooden screen of boards to protect the paint for a week or so. The force of the exhaust was shown at the last repainting of the Sixth Street viaduct in St. Paul, a few years ago. This is a rather high bridge, and the painters worked on a platform of 2-inch planks; and when a freight engine, heavily loaded, passed underneath, going up grade, the exhaust lifted the plank platform with two men on it several inches vertically. It is difficult to make paint adhere well in such a place; yet there was several feet of head room, while there are very many viaduct bridges with less than 1½ feet above the locomotive stacks, and there are some in New England where the ventilators on the passenger coaches sometimes are damaged by scraping along the bottom of the bridges. How to paint these latter places is too difficult a problem for me.

The best time of the year for outdoor painting, especially of bridges, is in the hot summer weather. When the weather is hot, the paint spreads and flows well, and it is practicable to use a paint having heavy body, which is, in general, the best. The paint dries rapidly; hence we can use a paint with little or no dryer. The work may begin in the morning and continue all day, while in the spring and autumn a bridge, which is usually over a stream and often in a somewhat secluded place, is likely to be covered with dew until the middle of the forenoon, and the dew begins to deposit on it before it is time to quit work in the afternoon. Nothing is much worse than applying paint to a wet or damp surface. A deposit of moisture may occur on iron from another cause. Some of the paints in use are thinned with benzine or have as a vehicle a benzine varnish, and some are merely solutions of coal-tar or asphalt in benzine. When these are applied to ironwork, the rapid evaporation of the solvent cools the metal; and if the atmosphere is nearly saturated with moisture, the latter is condensed on the cold surface in advance of the painting. The engineer who is responsible for the work will therefore exercise particular vigilance when using such materials; and he should keep careful memoranda about the weather and all the conditions when the paint was applied, so that in the future some intelligent conclusions in regard to the value of the material used may be reached. A poor paint applied under favorable conditions to a good surface is undoubtedly better than a good paint applied under unfavorable conditions to a poor surface, and often it is difficult to learn what has really taken place after two or three years have elapsed.

There are some particular cases of painting which deserve notice. One is the painting of a tin roof or similar surface. The painters' tradition is that it is impossible to paint a new tin roof; that it must be left until it has become slightly rusty, when the paint

will stick to it. There is no doubt that a new tin surface is very difficult to paint. The fault is not, however, in the tin itself, to which paint adheres very well, but in the coating of grease or other material with which new tin is covered. There is some diversity in the methods employed in making tinplate, and consequently it is not all alike, and some brands of new plate hold paint better than others; but as a rule it is covered with grease, either tallow or palm-oil, and sometimes with other substances. These act on the paint in a very destructive manner. The obvious remedy is to have the tin roof thoroughly scoured and cleaned before painting, and the whole should be done as soon as possible after the roof is finished. Do not be persuaded by any one that rust is a good thing to paint over.

Galvanized-iron (that is, iron which has a coating of metallic zinc) is even worse to paint than tin. It is coated with grease and usually with chloride or sulphate of zinc, or a mixture of the two; and not only does the paint come off, but in many cases the metallic surface flakes off, bringing the paint with it. I do not know of any certain remedy except repainting; the second painting usually proves durable.

Smoke-stacks are sometimes difficult on account of their high temperature. It is probable that nothing will stand on a surface which has a temperature of 400° F. or over, because, although the pigment may be unaffected, the vehicle, which acts as a cement to hold the pigment together, is gradually decomposed, and in a short time the coating begins to come off. There is, however, a great difference in this regard in different coatings.

In painting water-tanks and other hydraulic work, care should be taken to select a paint which is acted on as little as possible by water; have the surface as clean as possible, and perfectly dry, and allow the coating plenty of time to dry before filling with water. Remember that paint on the interior surface of a nearly closed tank dries slowly.

EDWARD SMITH & CO.,
45 BROADWAY, NEW YORK, N. Y.

MERCHANT'S COMBINATION SKY-LIGHT "STAR" VENTILATOR.

This invention retains all the features that have made the original "Star" Ventilator so popular all over the country. The incorporation of the Skylight feature is one of the most important and useful inventions that have been introduced in the building line for years, and has already been recognized by prominent authorities as a valuable improvement in ventilating apparatus.

The practical as well as mechanical internal construction of the original "Star" Ventilator provides for the prevention of down draughts, and there is nothing sacrificed that would in any way interfere with the practical working of the "Star" in effectively lifting impure air from structures of all kinds.

It will be observed that the glass top is one-fourth larger than the diameter of the Ventilator tube or shaft, hence the greatest volume of light is secured and allows for condensation. The thickness of glass, which is of the best quality of hammered skylight glass, used in these Ventilators varies with the size or diameter of the Ventilator, and a corresponding thickness is provided for the extra large Ventilators.

Merchant & Co., Inc., of Philadelphia, will be pleased to mail illustrated circulars and give full information to those desiring same without charge.

MERCHANT & CO., INC.,
PHILADELPHIA, PA.

THE DAY OF CORRESPONDENCE INSTRUCTION.

COMPARATIVELY few people as yet realize that a new era in education has begun. It has become so much a matter of course to think of the advantages of education as open only to those who can devote some years exclusively to obtaining them that even the possibility has not been entertained of others, and especially those who have to work for a living, securing the great advantages in life insured by a good education.

Nevertheless, we are already witnessing the dawn of a brighter day for those to whom an education has hitherto been denied. Correspondence instruction removes all the obstacles in the way of working-people.

Preëminent among institutions teaching by correspondence are The International Correspondence Schools, of Scranton, Pa., well organized and well equipped with a large staff of instructors. The Schools have met with extraordinary success since their establishment, in 1891, in teaching machine design, steam engineering, electricity, architecture, mechanical and architectural drawing; mining; plumbing, heating, and ventilation; chemistry; bridge, railroad, municipal, and hydraulic engineering; sheet-metal pattern draughting; English branches; bookkeeping and stenography.

Full information concerning the various courses can be had by writing to

THE INTERNATIONAL CORRESPONDENCE
SCHOOLS,
SCRANTON, PA.

TERRA-COTTA LUMBER.

Our company has added to its works one at East Palestine, O., where we intend making only fire-clay tile. This, with the works which we now have at Port Murray, 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 durable wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

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

AGENTS AT BOSTON: WALDO BROS., 102 Milk Street.

[JUST PUBLISHED.]

.. PART II OF .. "THE GEORGIAN PERIOD,"

Containing measured drawings and gelatine prints of

COLONIAL DETAIL.

56 Plates 10 x 14 1-2 inches.

The contents of PART II, taken together with PART I, already published, constitute an altogether useful and interesting collection of architectural illustrations of the always-interesting and ever-useful and usable Colonial style.

PRICES: Part I, \$3.00; Part II, \$6.00. Both Parts Together, \$7.00.

Subscribers to the AMERICAN ARCHITECT itself who have settled their subscription for 1898 can obtain Part I for \$1.00 and Part II for \$4.00.

American Architect and Building News Co.

and Pittsburgh, Pa., gives us the largest production of any company in the hollow-tile or porous terra-cotta fireproofing business and enables us to reach north, south, east and west with the lowest freight rates obtainable.

PITTSBURGH TERRA-COTTA LUMBER CO.,
PITTSBURGH, PA.

ARE YOU AWARE OF IT?

We argue that spring hinges have to perform the hardest duty of any hardware; not only do they carry the weight of a door and suffer the wearing friction of constant usage, but, besides, must automatically close it.

This being admitted, the importance of using a durable spring hinge fully able to do its work is apparent.

Bommer Spring Hinges, manufactured by Bommer Bros., 351 and 353 Jay Street, Brooklyn, N. Y., are the best.

They combine greater durability with a pleasing exterior which blends harmoniously with any style of decoration, and cost no more than other kinds.

They are made of wrought-steel, and, says the World's Fair Award, are "practically unbreakable."

BOMMER BROTHERS,
351 AND 353 JAY STREET, BROOKLYN, N. Y.

"HELPS IN BRAZING."

THE Dixon Crucible Company, of Jersey City, N. J., has published a little pamphlet with this heading. It treats incidentally of brazing graphite, the application of which to bicycle tubes prevents the adherence of the spelter and so effects a saving in labor by

making unnecessary the filing which is otherwise needful. The pamphlet, however, especially treats of the process of brazing," by the dipping method, or "liquid brazing," as it is called. The brazing crucible is described, together with instruction and caution in regard to its use. Instructions are given how to build and set the necessary furnace, time required for brazing, etc., etc.

In regard to the economy of liquid brazing as against the old-time fire brazing, the following is quoted from a well-known bicycle manufacturer:—

"We have been using the process of liquid brazing all this season, but at first found some difficulty in keeping the spelter at the proper temperature. We built several furnaces before we succeeded in getting one entirely successful. The one we have now in operation enables us to do as much work with one man and a boy as we were able to do before with five to seven men, and the results are much more satisfactory. We figure that we effect a saving of \$20 per day every day we run the new furnace. Besides requiring fewer workmen, we use only about 125 pounds of hard coal in a day's run, which is quite a contrast to the expense we were under with the old gas-furnace, when our gas-bills amounted to \$250 per month. With the new process one man and a boy can turn out seventy-five machines in a run of seven hours."

This pamphlet is of interest to all bicycle manufacturers and others who do brazing. It is sent free of charge.

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

CLUB-HOUSES.

The Club-houses already illustrated in the *American Architect* have been:—

"COLONIAL CLUB-HOUSE," New York, N. Y.
Henry F. Kilburn, Architect. 10 views

"PROGRESS CLUB-HOUSE," New York, N. Y.
Alfred Zucker, Architect. 11 views

"EXCHANGE CLUB-HOUSE," Boston, Mass.
Ball & Dabney, Architects. 12 views

"CENTURY CLUB-HOUSE," New York, N. Y.
McKim, Mead & White, Architects. 7 views

"COLUMBIAN CLUB-HOUSE," St. Louis, Mo.
Alfred F. Rosenheim, Architect. 13 views

"MARYLAND CLUB-HOUSE," Baltimore, Md.
Baldwin & Pennington, Architects. 8 views

"GROLIER CLUB-HOUSE," New York, N. Y.
Romeyn & Stever, Architects. 5 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

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 198.

SATURDAY, NOVEMBER 5, 1898.

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No. 1193.

A DEPARTMENT OF SANITARY EXPERIMENT.

THE Ideal Manufacturing Co., of Detroit, is adopting a policy of operation which is unique and original. Since its reorganization it has extended its operations, not only in the manufacture of gas-stoves, which business it gained by the amalgamation with the Electric Gas Stove Co., of Detroit, but in the sanitary lines it is also reaching far out in the field of experiment and production. It is offering at the present time a remarkable line of novelties.

In these times it is no small matter for a factory confining, so far as plumbing goes, its energy to the production of plumbing wood-work and specialties to create and maintain in the interest of the trade an "Experimental Department" under the personal direction of noted experts in hydraulics and mechanics. This is an innovation—an expensive one, primarily, it is true—but one which will some day win the confidence and patronage of the trade. Results will follow quickly too, because the plan is attractive and meritorious. This department, under the management and supervision of Elon A. Marsh, the noted inventor and master of hydraulics, and Bert O. Tilden, the well-known Consulting Engineer and sanitary expert, has already solved some knotty scientific problems in the sanitary line, with more startling developments to follow.

The value to the trade of such an adjunct as this lies in the fact that The Ideal Manufacturing Co. in keeping just a step in advance in the race of sanitary progress becomes an educator. It is a great thing to lead rather than to follow or to imitate.

The plumbers and architects will appreciate a factory that stands ready to improve on any of its productions, if such necessity arises, and to put into practical execution any suggestion of a useful nature, and especially one which establishes a bureau of reliable and useful information which, on application, is capable of handling any vexed plumbing problem or condition.

By such advanced means they have perfected in finish and operation the Low Tank Closet. They have secured the proper cleansing and scouring force without the use of complicated tank machinery. They have made a neat and beautiful combination that cannot become the receptacle for dust and dirt or disease germs, and which can be readily repaired without tearing up a bath-room, and at very little expense. It is safe to say that in this line of goods they lead the manufacturers of the country a good length.

Their "Sileo" combination of this line is a marvellous production, and in the manufacture of this fixture they have no imitators. They have in this original combination overcome the most serious objections in closet construction, without sacrificing sanitary utility; in other words, they offer the trade a *noiseless* jet closet that is at the same time a sanitary fixture. The "Sileo" Double Flush Noiseless Syphon Jet Closet is unrivalled, and it is only necessary for the trade and architects to see its operation (they cannot hear it) to indorse and adopt it.

In this field the Ideal Centrifugal Trap deserves a high place—perhaps a higher place than a perfect closet. The trap is the only safeguard known to sanitary science against the ingress of sewer or drain pipe air into the home and public buildings. It should be non-syphon and self-scouring, and to compass these two principles the trap manufacturers of the country have aimed many years, but failed.

Traps have been constructed that would retain their water-seal under various plumbing conditions, but the virtue was won at the expense of cleanliness. In other words, the best trap of this type yet produced is more or less a receptacle for grease, sediment and filth accumulations. The demand, therefore, has been for a trap that will sufficiently resist all plumbing conditions, thereby retaining under all circumstances enough water to seal its house-opening, and at the same time be self-scouring and cleansing. Such a trap should be so constructed as to keep all matter lighter than water, such as soap, oil, grease, hair, sediment, etc., away from the walls and off the bottom of the trap during the flushing of a fixture and with sufficient power to carry these substances out of the trap and into the waste-pipes, drains and sewers. Grease, for instance, in this operation should be congealed to prevent its adhering to the walls of the traps and drain-pipes. If this is impossible, grease should be kept out of the drainage system altogether. This has been attempted with the use of grease-traps under kitchen sinks, which, unless very carefully and closely watched, become foul and dangerous cesspools. The inventor, therefore, who produces a trap that will overcome all these conditions and meet all the requirements of a house-drainage system has unquestionably accomplished a great end. It simply becomes a matter of demonstration. Such a trap is the Ideal Centrifugal Trap, produced and manufactured by The Ideal Manufacturing Co. By the simple introduction of waste water on a tangent into a smooth bore cylinder centripetal and centrifugal force is gained, which carries light

substances to the core or centre, congeals grease and carries, by powerful air-suction or force, matter upward and out of the trap and into the drains. Nothing but pure water can remain in the trap after each discharge, the bottom being thoroughly scoured at each operation. The amount of water left in the trap forms a 3" seal and prevents syphonic action strong enough to expose the house-opening of the trap. But greater still than this, a 3" seal means absolute protection against evaporation. Your house may be left vacant from three to six months in the summer, and with this protection you can return to it without the fear of sewer-gas in the wall-paper, carpets or curtains. In public buildings, particularly school-houses, there is no danger of sewer-gas infection during vacation. In the great work of scientific sanitation there has not been an appliance produced which means so much to the consumer as the Centrifugal Trap; in fact, it revolutionizes all ideas in this line of manufacture. This trap is being fitted to meet any condition and to fit any plumbing fixture or waste connection. It will allow for any variation in the "roughing-in." This is accomplished by cutting the trap in half and permitting the waste half to turn in a circle until the discharge-pipe finds the soil opening, whether located at any point in the floor or in the wall. By the use of two or three inexpensive fittings the common "S" trap is changed to a "P" trap, urinal or bath-trap, with vent or without as required, and made to fit any waste connection now in use.

The centrifugal trap is a triumph of invention and mechanical ingenuity, and is being endorsed by every architect, Health Board and sanitary engineer or expert who has witnessed its demonstration. Hundreds of strong testimonials, indorsements and scientific tests have already been received from architects, inspectors, Health Boards, engineers and scientists.

Almost before it was ready for the market, the Buffalo, N. Y., Health Board witnessed a test and adopted the centrifugal trap to the exclusion of all others. Albany adopted it, also Niagara Falls and Gloversville, N. Y.

The above are some of the new ideas The Ideal Manufacturing Company is putting out through its "Experimental Department." In plumbing woodwork they always lead and will continue to lead the world. Their large plant is being increased rapidly to accommodate an expanding business. A new factory 70' x 150', four stories high is already completed, and the Henry C. Hart Mfg. Co. plant and property adjoining the Ideal premises has been purchased outright, and is being rapidly remodelled for occupation. In

this building will be located the new office and show-rooms. When completed, the display-rooms of The Ideal Manufacturing Co. will be unsurpassed in beauty, arrangement and the character of the sanitary appliances and inventions exhibited under water-pressure.

Work is progressing rapidly on the new catalogue and it will be in the hands of the trade at as early a date as possible. By December, at the latest, the management expects to be located in the new quarters, and the event will be marked by the calling-in of all the road representatives to spend a week in the factory and to witness the experimental tests of the inventions and appliances in the new display-rooms. Since a catalogue is a very important factor in the progress and development of a sanitary line of business, no expense is being spared to make the Ideal book an artistic triumph, as well as a reference book of rare value to architects and the trade, containing, as it will, much new and interesting scientific information.

The plumbing line of business is being extended to embrace every article necessary to the furnishing and finishing of a modern bathroom, and many of the old friends and customers of the Ideal Co. will be surprised and delighted to see the extent and completeness of the line the new catalogue will cover.

THE IDEAL MANUFACTURING CO.,
DETROIT, MICH.

MAGNETIC LAMP HOLDER FOR HOLDING INCANDESCENT LAMPS.

THESE holders are for use where direct current is used, and are so handy that you should not be without them.

Being a magnet, they will adhere to any piece of iron or steel in any position.

They are very useful in machine-shops, as they can be so placed as to have the light shine exactly where wanted when working with lathe, planer, drill and other tools.

In boiler-shops its use does away with torches, as it can be carried inside the boiler.



In R. R. shops it is particularly useful when repairing locomotives, as its position may be changed at will, and will be found useful in many other ways about the shop.

There are many places where a portable magnetic holder will be found useful, viz: engine and boiler room, aboard steamships and steamboats, about elevators when making repairs, in mines, basements, cellars, bank vaults; in fact, all places where light is needed.

Its use eliminates the dangers from using candles or torches, as it is impossible for it to set fire to anything, and hence decreases your insurance.

DIRECTIONS.

Attach to the magnetic holder wire of sufficient length to allow placing holder where wanted, to the other end attach plug.

Then remove your lamp from socket and insert plug, after which screw your lamp into magnetic holder, and all is ready for use.

Do not turn off current before removing the magnetic holder.

Made for Edison, Westinghouse and Thomson-Houston lamps. Price, \$1.50 each.

JENKINS BROS.,
NEW YORK, N. Y.

THE KENNEY FLUSHOMETER.

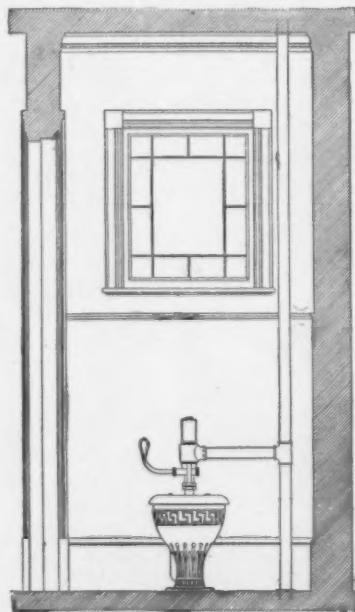
THE modern way of operating and flushing water-closets, by means of the Kenney Flushometer, marks a distinct advance in sanitary



engineering, and solves many troublesome problems in a unique but thoroughly practicable and satisfactory manner.

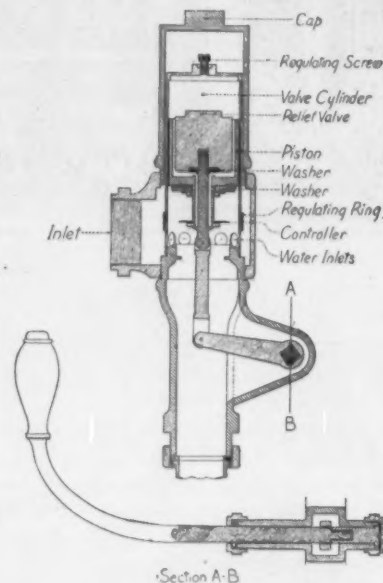
Even the most superficial examination of this ingeniously constructed device is sufficient to impress one with its superior merit over other means available for the same purpose, while a practical demonstration of its working will convince the most sceptical of its economy, efficiency and sanitary value.

The Kenney Flushometer is practically a



water-meter which, by easy adjustment, can be made to measure the supply of water to the water-closet bowl, and yield the same quantity

in all cases. The volume may be increased or diminished as is necessary or desirable. It can be used on either direct pressure or tank systems, and experience has shown that it will work with ease and efficiency under any pressure, giving a quick flush of large volume at



the start and finishing with an after-flush of smaller quantity.

A most desirable advantage of the Kenney Flushometer system is the fact that its employment requires no overhead flush-tank with its troublesome pull and chain, and ball-cock, to get out of order. Moreover there is no rushing and hissing of the water in the bowl. For direct and high pressure, a water-column consisting of a vertical pipe four inches in diameter and from two to five feet high is used in place of the overhead tank, or, if the volume of water is sufficient, a connection can be made direct from the supply to the flushometer. In case a general supply-tank is used, the water-column can be supplied directly from this tank.

In buildings where there are a number of water-closets, one tank is sufficient for them all. This, of course, simplifies the installation.

The absence of flush-tank overhead saves room and disfigurement of wall, and enables the architect to arrange his plans more conveniently than by any other system, permitting the placing of windows in the space that would otherwise be occupied by the flush-tank, and the constructing of bath-rooms and lavatories of the airiest, lightest and most healthful description.

The Kenney Flushometer system meets the most exacting sanitary requirements. The flushometer being close to the bowl, no space exists for foul air or odor to collect, as is the case in an empty flush-pipe. It is, therefore, in high favor with physicians and health authorities.

To operate the flushometer the handle is pulled gently forward and then let go, when the valve will close slowly of its own accord. Pulling the handle forward raises the relief-valve off its seat, and allows the water inside the valve-cylinder to pass down through the piston and around the stem into the bowl, and the piston and large valve to go to the top of valve-cylinder without resistance. This opens the water inlet and permits the water from the inlet-pipe to flush the basin.

When the handle is released the valve descends by its own weight, but can only do so slowly on account of creating a suction,

Atlas PORTLAND CEMENT

Guaranteed to be
Superior to any
Imported Cement.

Used Exclusively in the Following New York Buildings:

HAVEMEYER STREET, SINGER BLDG.

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UNIVERSITY CLUB.

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BANK OF COMMERCE.

STANDARD OIL BLDG.

JOHNSTON and PRESBYTERIAN BLDGS.

Atlas Cement
Company,

143 LIBERTY STREET,
NEW YORK.

which draws water up between the space around the cap and the cylinder through the slot in the regulating screw, refilling the valve-cylinder. As the valve descends a controller gradually reduces the supply and pressure, and gives the necessary after-flush to refill the bowl.

A regulating ring is provided which can be screwed down to cover the ports by which the water escapes to the flush opening, and so regulate the flow to any desired extent.

The Kenney Flushometer has no springs or cup-leathers, works automatically by gravity, and is cushioned by the action of the water so that the chance for wear or getting out of order is practically eliminated.

When one considers the advantages that lie in the adoption of this device and that they may be obtained at less expense for installation and maintenance than is possible by any other means, the wide popularity of this system of operating and flushing water-closets is readily appreciated.

There is such genuine merit in the Kenney Flushometer that one is not surprised to learn that more than 10,000 have been specified and installed by leading architects and plumbers during the last six months.

Among the buildings in which they are used may be mentioned the Bowling Green Building, Standard Oil Building, Produce Exchange, Hudson Building, Astor Court National Bank and Grand Central R. R. Depot of New York City, the Grand Union Hotel, Saratoga, N. Y., Masonic Temple, Utica, N. Y., and public buildings and private residences in all parts of the United States.

They have also been adopted by the U. S. Navy Department, and are installed on the Albany Day Line Steamers.

THE KENNEY CO.,
NEW YORK, N. Y.

"DO YOU KNOW JAP-A-LAC"?

JAP-A-LAC, a new floor finish made in translucent colors, is the latest specialty of the Glidden Varnish Company, of Cleveland, Ohio.

This company is constantly studying the wants and requirements of the painting as well as the cabinet trade, and having known for a long time the increasing demand and importance of a thoroughly reliable and practical floor finish, which would not scratch white and always remain elastic, it brings before the trade its new floor finish, viz, Jap-a-lac.

This article dries with the hardness and elasticity of a Japanese Lacquer, and is made in the following colors: oak, walnut, mahog-

any, cherry, malachite green, blue, ox-blood red and natural varnish.

By the use of this new floor finish rooms may be beautified by finishing the floors with colored Jap-a-lac and using rugs instead of carpets, thus giving the rooms an air of refinement and making them far more hygienic. Colored Jap-a-lac is more preferable than floor paint, for, being transparent in color, it brings out the grain of natural beauty of the wood, instead of covering it up, as is the case where paint is used.

Jap-a-lac is especially adapted for new floors, which should first be filled with a good filler and the Jap-a-lac applied right on the bare wood. Floors thus finished look much better and wear much longer than when finished with shellac, for Jap-a-lac makes a more elastic and durable coating. It is beyond doubt the best floor varnish ever placed upon the market.

Samples of wood showing different colors, together with full particulars, will be furnished upon application to

THE GLIDDEN VARNISH COMPANY,
CLEVELAND, O.

PHILADELPHIA BOARD OF HEALTH APPROVES THE KENNEY FLUSHOMETER SYSTEM.

THE Philadelphia Board of Health, after a thorough investigation, has amended the building-laws so as to permit the installation of the Kenney system, by which one tank is used to supply one or more closets instead of individual tanks, as was formerly required.

ACETYLENE GAS.

ACETYLENE is a pure hydrocarbon gas. It is produced by the application of water to carbide. One pound of good carbide contains five cubic feet of Acetylene Gas. Carbide is manufactured in an electric furnace, from ground lime and coke. Carbide will not burn, but will quickly absorb moisture in any form. Acetylene light is almost pure sunlight; all colors and shades are shown as in the daytime. It burns with a steady flame, more brilliant than ordinary gas or electric-light. In actual use it has fifteen times the illuminating power of ordinary gas, and four times that of electricity. The rays of the Acetylene light diffuse to a greater extent than any other known illuminant. There is no blue space in an Acetylene flame; this shows perfect combustion. Acetylene burns without odor. Acetylene is safer to use than any other artificial light. Acetylene will not

poison the blood, like ordinary gas. The danger from fire is less than with electric-lights, oil-lamps or gas-machines. Acetylene is portable, convenient, safe, economical, clean, reliable. It can be used for the lighting of houses, stores, churches and other buildings. Every man controls his own gas supply. Ordinary gas-piping and fixtures can be used; the only change required is an inexpensive and simple burner.

If you use Acetylene Gas you will reduce your lighting bills 40 per cent; you will control your own gas-plant; you will have the finest artificial light known; you will use a "Kopf" Generator; you will "buy your gas by the pound."

The "Kopf" Double Generator has gained for itself an almost international reputation, its principal advantages over the single generator being:—

First.—It has a lighting capacity double that of the single generator.

Second.—It will save from 35 to 50 per cent of gas over the single generator, owing to its method of entirely exhausting the carbide from one generator before starting on the other, thus leaving the exhausted generator free to be charged when convenient.

Third.—There is no picking out of carbide from hot lime when recharging; there is absolutely no waste and no disagreeable odor.

Fourth.—It is possible to run this generator several days without recharging or without any attention whatever, it being purely automatic in action.

The celebrated "Kopf" Double Generator is giving universal satisfaction. We recommend it.

A comparison of relative costs of different illuminants will interest you. Note the difference, and remember the light from Acetylene Gas is the best:

CANDLE-POWER HOURS FOR \$1.00.

Incandescent Electric-light....	1,600 C. P. H.
Illuminating Gas.....	2,500 "
Gasoline Gas.....	3,200 "
Acetylene Gas.....	6,700 "

The cost that each Acetylene burner saves in comparison with other lights, if burned on an average of five hours a day for a year of 365 days:

	Cost.	Acetylene Burner.	Saving.
Incandescent Electric-light	\$18.25	\$6.85	\$11.41
Argand Gas-burner.....	15.77	6.85	8.92
Ordinary Gas-burner.....	11.41	6.85	4.56
Incandescent Gas-burner...	8.85	6.85	2.00

Save money by putting in a "Kopf" Generator immediately. Then you own your own gas plant. If you are cheated, you cheat yourself.

M. B. WHEELER ELECTRIC CO.,
GRAND RAPIDS, MICH.

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, 918 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.

AGENTS AT BOSTON: WALDO BROS., 102 Milk Street.

[JUST PUBLISHED.]

.. PART II OF .. "THE GEORGIAN PERIOD,"

Containing measured drawings and gelatine prints of

COLONIAL DETAIL.

56 Plates 10 x 14 1-2 inches.

The contents of PART II, taken together with PART I, already published, constitute an altogether useful and interesting collection of architectural illustrations of the always-interesting and ever-useful and usable Colonial style.

PRICES: Part I, \$3.00; Part II, \$6.00. Both Parts Together, \$7.00.

Subscribers to the AMERICAN ARCHITECT itself who have settled their subscription for 1898 can obtain Part I for \$1.00 and Part II for \$4.00.

American Architect and Building News Co.

NOTES.

JAP-A-LAC is especially adapted for floors, woodwork, furniture, etc., where a brilliant and durable finish is desired. It can be used on either old or new, soft or hard wood floors, and dries with an elasticity and hardness of Japanese Lacquer. It is much cheaper and more hygienic than carpets when used on floors, and with rugs or matting gives a room an air of refinement.

Jap-a-lac produces a uniform and brilliant colored finish when applied over old woodwork or furniture, covering up all marks, scratches, etc. To revive such work apply that color of Jap-a-lac which is nearest the color of the old finish; should, however, you wish to change your color of finish, you may do so by applying two or three coats of the colored Jap-a-lac over the old finish after thoroughly washing your surface with Sapolio and water, and allowing it to dry over night before applying the Jap-a-lac.

PRICES AND COVERING QUALITIES.

1 gallon can..	\$2.50	covers 200 sq. feet	2 coats.
1/2 " " "	1.35	" 100 "	2 "
Quart can....	.75	" 50 "	2 "
Pint "	.40	" 25 "	2 "
1/2-pint "	.25	" 12 1/2 "	2 "

THE GLIDDEN VARNISH CO.,
CLEVELAND, O.

THE attention of our readers is called to the advertisement of N. & G. Taylor Co., Philadelphia, manufacturers of the "Taylor Old Style" brand of roofing-tin. Their trade-mark of the target and arrow is quite familiar to our readers; each sheet is stamped, or embossed, with this trade-mark the thickness IC or IX; the brand "Old Style," and the name

of the manufacturers, N. & G. Taylor Co., Philadelphia. This is done for the protection of architects, roofers, property-owners, etc.

Messrs. N. & G. Taylor Co. were the originators of the idea, and were the first to put into practice the stamping of sheets of roofing-tin with the name of the brand and the thickness. They have handled this kind of tin for the past sixty-eight years. It is the heaviest-coated plate made, and manufactured entirely by the Palm Oil Process. No rolls or machinery are used, each sheet being dipped and redipped by hand labor in open pots of metal of different degrees of temperature. It has other merits, which our limited space will not allow us to describe, but which entitle the brand to the confidence of the trade. This firm can point to roofs in the old parts of Philadelphia, covered with the same kind of tin, that are just as good to-day as when first put on, nearly seventy years ago. They have samples in their office testifying to this fact. They have agencies in every large city from Boston to San Francisco. Those wanting a tin roof that will last a lifetime we advise to use this brand.

In a recent letter to the Westinghouse Electric and Manufacturing Company, Mr. R. G. Vance, Jr., Superintendent of the Stevens Coal Company, makes the following statements regarding the Baldwin-Westinghouse Electric Mine Locomotive in operation in their mines:—

It gives us pleasure to say that this motor is giving the very highest possible satisfaction and is attracting considerable attention

in this valley. It has been running since May 1st and has not cost a dollar in the shape of repairs, excepting a new valve for sand-box and a head-light base broken in a collision with a car. It is running on a road of No. 25 steel 4,000 feet long over undulating grades varying from 1 to 6 feet per 100 feet. Its regular load now consists of 20 cars of 1 1/2 tons' capacity and the time required for each round trip is from 17 to 19 minutes. We have pulled as high as 25 of these cars at one trip, which it did with all ease. When necessity requires we can pull 30 cars, giving 50 per cent more capacity than you guaranteed.

This is evidence of the superior qualities of this mining locomotive, which is characteristic of the work done by the Baldwin and Westinghouse companies.

WESTINGHOUSE MACHINE COMPANY,
PITTSBURGH, PA.

THE War Department has ordered the installation of sixty-three Kenney Flushometers in the transport "Mohawk," now being overhauled at the Bath, Me., Ironworks. The Navy Department has also given the Kenney Company a second order for flushometers, to be used in their buildings at Washington, D. C.

THE Berlin Iron Bridge Co., East Berlin, Conn., are erecting for the Seamless Metal Co., Sing Sing, N. Y., across the railroad tracks connecting the different parts of their plant, a steel foot-bridge. The bridge consists of lattice trusses about 68 feet long, supported on steel trestle-bents on either end. Underneath the bridge is a substantial trolley-beam designed to carry loads from the adjoining building to the switch-track of the railroad underneath the bridge.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 199.

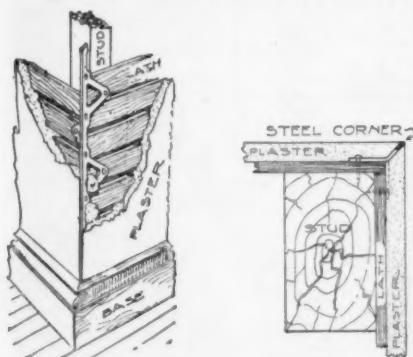
SATURDAY, DECEMBER 3, 1898.

VOLUME LXXII.
No. 1197.

STRONG, STRAIGHT CORNERS.

THE plaster-corner question has been solved. A device is now on the market, called "Woods' Steel Corner," which produces the much-sought result. Attempts have been made, and to considerable extent accomplished, by other metal contrivances, but their cost has precluded them from very extensive use. "Woods' Steel Corner" is sold so cheap as to obviate this.

It is a galvanized-iron strip cut in a manner producing lugs which alternate right and left, and when applied to a projecting corner sets astride it, clamping the corner, while the straight part produces a rigid edge to be plastered up against on both sides. The mortar is keyed from both sides and a complete union is produced with the steel strip imbedded in the plaster, acting as a protector. This device is adapted to wood or fireproof construction. The lugs are nailed, insuring permanence and strength. The illustrations will probably assist in carrying in the mind's



eye how it works. The manufacturers, Gara, McGinley & Co., Philadelphia, state that while the device has been before the public but a few months, they have received excellent words of commendation from many architects, contractors, plasterers and builders. The price asked for it should warrant its use, from an economic standpoint, in either the low-priced cottages and operations or in the most expensive structures. It can be used in many ways heretofore new to metal corners and we bespeak it a bright future. We have issued some descriptive printed matter which we shall be pleased to send to any one on request.

GARA, MCGINLEY & CO.,
PHILADELPHIA, PA.

CABOT'S INSULATING "QUILT."

"THE obvious moral is: Use any non-conductor light and thick, rather than dense and thin."—Prof. John M. Ordway.

"... non-conductors for practical service

... should be ... abundant and cheap; clean and inodorous; light and easy of application; not liable to be compacted by jarring or to change by long keeping; not attractive to insects or mice; not liable to spontaneous combustion nor prone to attract moisture from the air, and not capable of exerting any chemical action on the surfaces with which they are in contact. There is no one thing that combines all the desirable qualities, but there are many non-conductors which embrace a considerable range of these requisites."—R. Riege and F. L. Parker, article on "Insulation" republished in *Ice and Refrigeration*, January, 1895.

All but the last sentence of the foregoing reads like an advertisement for our insulating "Quilt," but that last sentence proves that our material was unknown to Messrs. Riege and Parker, because "Quilt" is the "one thing" which meets all these requirements. This claim is no reckless generality, but is made advisedly, and good reasons can be given to support it at every point, viz:—

One layer, costing about one cent a square foot, gives an insulating effect equal to that of ten or twelve layers of rosin-sized paper, as proved by actual tests upon differential thermometers. One operation does it all.

Piling layer upon layer of thin papers is a bungling method and costly in operation.

Our Quilt contains no tar, rosin or other odorous matter.

Our Quilt has a tremendous advantage at this point over all other materials, its extremely light weight being due to the innumerable dead-air spaces it contains; and, being a yard wide, it can be applied with the greatest ease and rapidity, avoiding the heavy, elaborate construction necessary in the use of mineral wool, sawdust, shavings, etc.

Jarring has no effect upon it, and it does not get out of place when properly applied.

Cured eel-grass never rots. The walls of the old Pierce House, Dorchester, Mass. (built 1635), were stuffed with loose eel-grass (of which our Quilt is composed) when built, and upon opening the walls in 1895 this eel-grass was found untouched by decay and in perfect condition, after being subjected to the necessarily numerous alterations from dry to damp and damp to dry of more than two-and-a-half centuries! Nothing could be more conclusive, though we have like evidence from other sources.

All material of animal origin and all tar or rosin papers are subject to more or less rapid decay.

Eel-grass contains silicon in place of the carbon of vegetable growths of the air, and a strong percentage of iodine (common to all sea-plants); hence it is repellent to moths and other insects, or vermin.

Wool-felts and like materials are subject to almost certain destruction by moths and vermin.

Because of this silicon, the eel-grass will not burn, but will only shrivel when heat is applied.

Sawdust, shavings, rosin papers, etc., are dangerously inflammable, and the two former are liable to spontaneous combustion.

Quilt does not attract moisture, and its non-conducting power is not vitiated by dampness. Nothing short of actual flooding will fill its interstices to such a degree as to injure the insulation.

Mineral-wool attracts, absorbs, and is ruined by moisture, which also destroys the insulating value of sawdust, shavings, felts, and all except waterproof papers.

Quilt has absolutely none.

Farther on in the same article Messrs. Riege and Parker say:—

"Also the high efficiency of light non-conductors is owing mostly to the imprisoned air, which really occupies all but a small fraction of the space, and the more quiet the air is kept the better is the effect. Professor Ordway draws the conclusion from his experiments that air is a good non-conductor only so long as it is confined by the interstices of the material from circulating in currents around the box."

Dead air only is efficient for insulation, and that is very efficient, perhaps the best possible insulation. It is upon this principle that Quilt is constructed, the long, flat blades of eel-grass crossing each other at every angle and forming innumerable minute dead-air spaces in each layer. Unlike other insulators, dampness does not vitiate its non-conducting qualities, and nothing will do so short of a flood of water sufficient to fill up all the interstices. It is very much cheaper than any other method that is anything like as effective, and is a decided and intelligent advance over the primitive and rather clumsy method of piling layer upon layer of thin, dense felts or papers, both in efficiency and economy, at first and in the long run. It will be plain to every one that this thick, soft cushion of dead-air spaces can hardly fail to be an effective barrier against heat-conduction, and the happy selection of eel-grass for its structure makes it impervious to decay and insects and unflammable.

A perdurable insulator of the highest efficiency at low cost.

Two ice-boxes were made to test Quilt insulation against one of the best methods of recent practice.

No. 1 was designed by a celebrated firm of

(Continued on page 3.)

AS the Contents are right and the Prices
are right, we have found that the

“EASIEST-SELLING WORK”

We have ever handled is

“THE GEORGIAN PERIOD”

Pittsburgh, Pa., Nov. 7, 1898.

*American Architect and Building
News Company:*

Gentlemen,—We herewith enclose check for \$4.00, for which please send us Part II of the “Georgian Period.” Our original order was for Part I, which we received, and since then have ordered altogether four sets, which have been received. When we receive Part II, ordered to-day, it will complete five sets.

Very truly yours,

ALDEN & HARLOW,
Architects.

THE SELLING quality of this useful work will enable us to issue in January

— PART III, —

and though it will contain only the same number of plates as does Part I, these plates will include *seven more* Gelatine Plates than did that one.

WE RECOGNIZE the rights and interests of our subscribers by adopting the following sliding scale of prices for this new Part and the others already issued.

PART III [in preparation.]

Retail price per single copy	\$3.00
Price to non-subscribers to the <i>American Architect</i> who have already subscribed for Parts I and II	2.00
Price to subscribers to the <i>American Architect</i> for 1899	1.50

: :: PARTS I, II and III :: :: :

[121 plates, 10 x 14½ inches.]

Price per set to non-subscribers to the <i>American Architect</i>	\$9.00
Price per set to subscribers to the <i>American Architect</i>	6.50

American Architect and Building News Co.,
211 Tremont Street, Boston, Mass.

Atlas PORTLAND CEMENT

Guaranteed to be
Superior to any
Imported Cement.

Used Exclusively in the Following New York Buildings:

HAVEMEYER STREET, SINGER BLDG.

ST. PAUL.

UNIVERSITY CLUB.

AMERICAN SURETY BLDG. N. Y. LIFE INS. BLDG.

BANK OF COMMERCE.

STANDARD OIL BLDG.

JOHNSTON and PRESBYTERIAN BLDGS.

Atlas Cement
Company,

143 LIBERTY STREET,
NEW YORK.

cold-storage engineers, and consisted of a tin box with outlet-pipe. The box was covered with five thicknesses of $\frac{3}{4}$ inch matched pine boards, with six thicknesses of Neponset red paper, and three air-spaces.

No. 2 was a tin box exactly the same size as that in No. 1, insulated with two thicknesses of boards, two of Neponset red paper, and five of double-ply Quilt.

When finished the box with the air-space insulation was twice the size of the Quilted box; and the actual space occupied by the insulation itself was two-and-a-half times as great. An equal quantity of dry shaved ice was put into each box, in a warm room, and the melted ice measured at regular periods. The Quilted box was the better by from 3 to 6 per cent.

The small Quilted box, therefore, in spite of its thin walls and light construction, proved distinctly better than the thick-walled, heavily boarded, air-space construction, and the cost of the latter method is 25 per cent greater than when Quilt is used. Quilt therefore combines with a very high efficiency a low first cost, and when the user realizes that in any ice-box, whatever the size, or in any cold-storage rooms, he can save by using Quilt 60 per cent of the space that would be used by an air-space method, the advantages are very apparent, and make Quilt the best and by far the cheapest method of cold-storage insulation.

We shall be glad to answer inquiries as to where Quilt can be seen in any of the uses recommended, or in any other uses.

THE IMPORTANCE OF WATERPROOFING BRICKS IN COLD-STORAGE CONSTRUCTION.

The average brick will absorb a pint of water, and a driving storm will thoroughly soak the exposed walls of a building, greatly impairing the insulation and endangering the contents of the building. Making bricks waterproof, therefore, a precaution which no careful manager can afford to overlook, and it is quite as important to keep them waterproof, using a method which, unlike the common linseed-oiling, will be permanent and will not require constant watching and renewal. We manufacture a material which we guarantee to entirely and permanently seal the pores of the bricks, and to be actually cheaper at first, also, than the ordinary methods. It is called "Cabot's Brick Preservative."

SAMUEL CABOT,
Patentee and Sole Manufacturer,
70 KILBY STREET, BOSTON, MASS.

"SASH AND WINDOW-SILLS."

THE finish on sash and window-sills probably gets more severe exposure than the finish on any other part of the building, due to the fact that it is subject to the destroying elements of the sun, also moisture, expansion and contraction, caused by the extreme cold on the outside of a building and the heat on the inside.

It is of the utmost importance to finish this part of a building properly, and painters make a fatal mistake in using a rubbing varnish, hard oil finish, or any other quick-drying goods, such as shellacs, liquid wood-fillers, etc., on this class of work. The only varnish to use on these exposed parts is a good spar or outside coach varnish, and it should be applied on the bare wood and not over shellac or liquid wood-fillers, which prevent the oil in the spar varnish from penetrating the pores of the wood, thus holding or binding the finishing coats of varnish and avoiding cracked work. Open-grained woods, however, should first be filled properly with a good paste filler.

The best spar varnish for this purpose is made on an old English formula by The Glidden Varnish Company, of Cleveland, O. It is called "M. P. Special Spar" Varnish, and is put up only in sealed cans, thus protecting the painter, architect and builder. It is beyond doubt the most durable outside or inside varnish made and is especially adapted for window sash and sills, bath-rooms, vestibules, outside doors, kitchens, etc.

Architects should specify this varnish and all "up-to-date" painters should use it.

THE GLIDDEN VARNISH COMPANY,
CLEVELAND, O.

BENT GLASS.

A GOOD reason why the product of the Oriel Glass Company is superior to any bent glass on the market and always has preference appears in the following complimentary letter from such prominent people who have been identified with the glass interests of the country for years further comment is unnecessary:—

NEW YORK CITY, November 15, 1897.

ORIEL GLASS CO., ST. LOUIS, MO.:—

Gentlemen,—When we were awarded our contract for glass for the "Astoria Hotel" the only possible drawback to same appeared to us to be the fact that there was a large quantity of bent glass required in the contract, and

our previous experiences in bent glass have never been satisfactory. We, however, sent the order to you to bend same, and we cannot help but congratulate you on the efficient way in which you filled it. You executed this order for us not only with the utmost promptness, but will also say, without any reserve, that we have never had a better job of bending than this one, and it is as near perfect as any one could get it. The glass was not only bent absolutely true to the templates, but also without any burnt surface or "pit" marks, such as we have always found in bent glass and which always causes dissatisfaction. In other words, the job was A1 in every respect and shows for itself.

Thanking you for your promptness, and again congratulating you, we are,
Yours very truly, SUTPHEN & MYER.

THE MODERN ROUND-HOUSE TURN-TABLE.

THE economics of railway management do not end with the adoption of the high-pressure compound locomotive, or the hundred other contrivances which have been born of necessity, but go on and on, always finding a way to eliminate here or there an unnecessary expenditure.

The latest economic development is an adaptation of the electric-motor to turn-tables, called the "Westinghouse turn-table donkey."

The "Westinghouse turn-table donkey" consists of our "series reversible" 10 horse-power motor, mounted within a heavy cast-iron frame, having a traction-wheel which rests upon the rail of the turn-table pit. Power is transmitted to this wheel through double reduction gears. The donkey frame is connected by draw-bar and pin to one end of the turn-table at the side, sufficient traction for the driving-wheel being secured through the weight of the machine, which is 3,700 pounds. Wires are run from the donkey to a small platform, located at one side of the centre of the turn-table, or other convenient place, at which point a controlling rheostat is installed. By means of its controller the donkey may be operated in either direction and its speed controlled at will by simply moving a single lever to one or the other side of a neutral point. Current which may be supplied from the shop-lighting or other convenient circuits, and may be either alternating or direct, and of any standard voltage, is supplied by wires brought to a suitable contact overhead and then led to the controller.

As no changes in the turn-table are required

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.

AGENTS AT BOSTON: WALDO BROS., 102 Milk Street.

for installing the donkey, the connections between the frame of the latter and the turn-table girder being very simple, and the cost of installation is low. As compared with the steam-operated turn-table, it is apparent, even to the layman, that electrical-power has the advantage, as it is a well-recognized fact that small portable boilers and engines are extremely wasteful of fuel, besides being a source of danger and requiring constant expert attention.

The comparison with turn-tables operated by push-poles is no less interesting. In one of our installations, located at an important division point, it was necessary to turn 176 engines each 24 hours, or about 7 per hour. Previous to installing this donkey, push-poles were used, requiring the services of four men, and the operation was a slow one at best. Now one man does the work in a much shorter time. With turn-table "light," the donkey will make a complete revolution in 30 seconds, while with a 10-wheel locomotive on the table, weighing with tender 100 tons, a complete revolution is made in 45 seconds. We therefore have the following summary:—

Engines turned per day.....	176
Men required.....	4
Average time, each man.....	5 minutes.
Total time per engine (5 min. x 4 men).....	20 "
Total time for 176 engines.....	59 hours.
Total time for 176 engines with electric "donkey".....	24 "
Time saved.....	35 "
35 hrs. at 12½ cts., amount saved per day \$4.37	

The above calculations assume that the men are employed in wiping engines while not employed in operating the turn-table, otherwise the comparison would be still more favorable to electrical operation.

The assumption of five minutes per man on the average is conservative. It is plain that the thirty-five hours saved would supply two day and two night men as wipers, on shifts of eight hours each.

Actual tests have shown that the power consumed by the electric donkey is the equivalent of one-half horse-power hour. Assuming six pounds of coal per horse-power, with coal at \$2.00 per ton, the cost of turning each locomotive would be $\frac{3}{16}$ cents, or 53 cents for 176 locomotives.

It is suggested that those interested in the subject who wish to know the possibilities of their individual cases communicate with our nearest district office, where full information will be furnished promptly.

"The Westinghouse method of applying electricity to the operation of turn-tables should be especially interesting to railroad managers,

inasmuch as it requires no change in the turn-table proper other than attaching the draw-bar lug to the turn-table girder."

WESTINGHOUSE MACHINE COMPANY,
PITTSBURGH, PA.

THE KENNEY FLUSHOMETER SYSTEM.

THE Bourne Building, now being erected on Liberty Street, New York City, by the Singer Manufacturing Company, will be equipped with the Kenney Flushometer System,—an improved method of flushing water-closets—and the contract was only secured upon the superior merits of the Flushometer.

This ingenious appliance takes the place of the ordinary individual overhead flush-tank, one tank doing the work for all. It is practically noiseless in operation and requires no room other than that necessary for the usual seat and bowl. Architects and plumbers universally recommend it for its sanitary virtues and the facilities which it affords for light and ventilation in situations where it is installed.

Many prominent business buildings are already equipped with the Kenney Flushometer System, among others in New York City being the Bowling Green Building, Standard Oil Building, Hudson Building, and the Produce Exchange.

THE KENNEY CO.,
NEW YORK, N. Y.

NOTES.

DURING the past summer the Joseph Dixon Crucible Company of Jersey City, N. J., have added an extension to their pencil factory, 40' x 90', three stories high. The same is driven by electric-power from generator placed in the main factory. No expense has been spared in the equipment of this addition in the way of up-to-date elevators, furnaces, dry-rooms, etc. The Company will also put down an artesian well, several hundred feet in depth, for a supply of water for factory use, and some time during 1899 various other additions will be built to the Dixon Company's very extensive plant.

The Dixon Company was established in 1827, but during all of its more than three-score years and ten of busy life no year has in any way equalled 1898 for volume of business; its plant has been running continuously, yet the Company is behind its orders in all departments.

As the Dixon Company's products go into every known field of industry—the iron-

workers, the brass-workers, the printing-trades, the stationers, the cycle manufacturers, the hat manufacturers, the paper-mills, etc.—the rise or fall of the volume of business done by the Dixon Company may be taken as a very excellent standard or pointer on the condition of business generally.

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

WE have issued a new sample book of Muresco Tints, also other printed matter on the subject, which we would like to place with those interested in the decorative treatment of interior walls.

Muresco is recommended to architects for finishing interior walls and ceilings of all kinds. It can be applied to plaster, wood, stone, brick or iron. It is not a whitewash, but it is so much more durable and inexpensive than other articles of the kind that it can be used for the roughest kind of work without increasing the cost of same. It can also be used for the very finest of interior decoration and has been largely used in private residences, schools, churches, hospitals, sanitariums and auditoriums throughout the country. It is also very valuable for factory buildings, etc.

BENJAMIN MOORE & CO.,
NEW YORK, N. Y.

THE Berlin Iron Bridge Company, of East Berlin, Conn., are erecting for the United Gas Improvement Company, Waterbury, Conn., the steel-work for a generator-room and an engine-room. These roofs are to have steel trusses, supporting the roof-covering. This covering is corrugated-iron lined with the Berlin Iron Bridge Company's Patent Anti-Condensation Fireproof Lining. The engine-room has a span of about 33 feet, and the span of the generator-room is about 51 feet.

THE BERLIN IRON BRIDGE CO.,
EAST BERLIN, CONN.

Masonry in Modern Work

A "Prolegomenos" on the Function of Masonry in Modern Architectural Structures.

By R. GUASTAVINO, ARCHITECT.

Price, Paper Cover, 30 Cents.

For Sale by the AMERICAN ARCHITECT.

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

VOL. LXII.—No. 1188.]

SATURDAY, OCTOBER 1, 1898.

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and Rendering.

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SCIENTIFIC SCHOOL,
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OFFERS COURSES IN
Civil Engineering. Mechanical Engineering.
Electrical Engineering. Mining and Metallurgy.
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Cambridge, Mass.

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CHAMPAIGN, ILL.

UNIVERSITY OF ILLINOIS.
SCHOOL OF ARCHITECTURE.
Professor: N. Clifford Ricker.

ITHACA, N. Y.

CORNELL UNIVERSITY.
DEPARTMENT OF ARCHITECTURE.
Professor: Charles Babcock.

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Louis J. Millet.

LA FAYETTE IND.

PURDUE UNIVERSITY.
ARCHITECTURAL DEPARTMENT.
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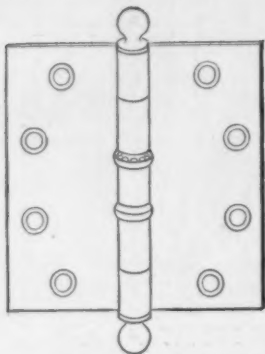
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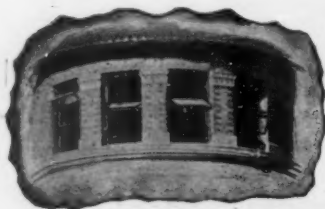
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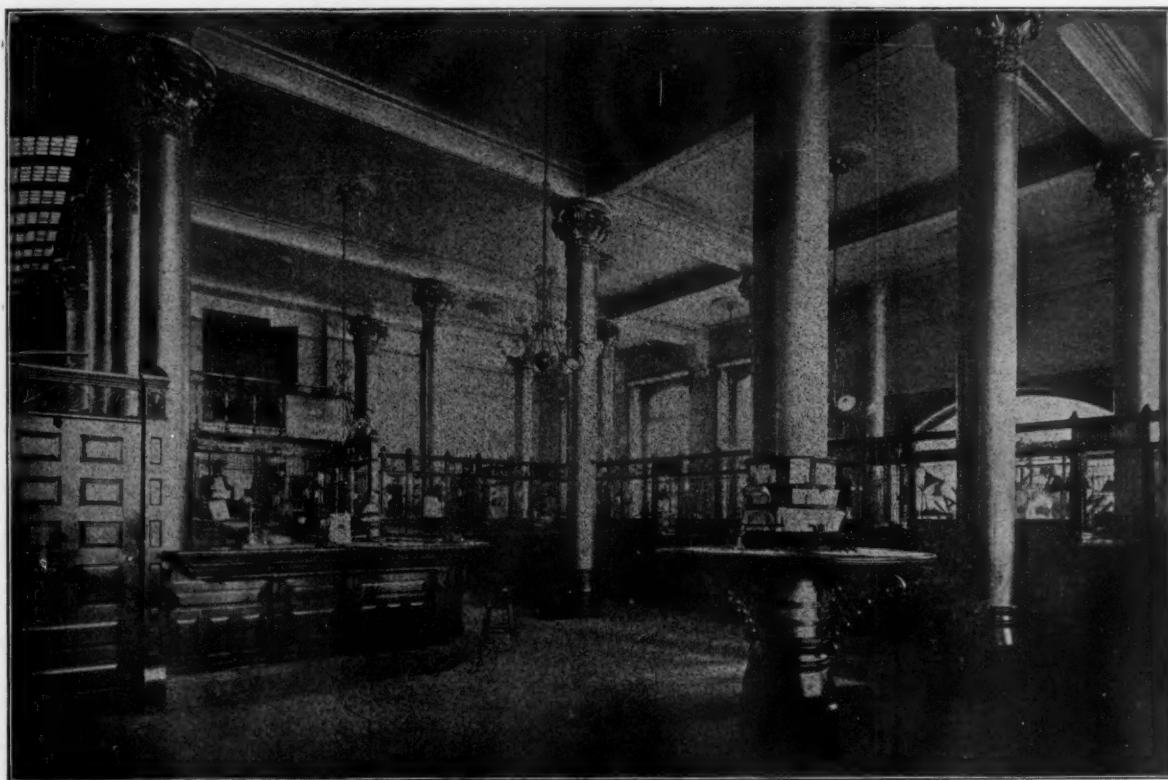
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Rubble.....	1 25	@ 1 50	9 00 @ "	1 45 @ 2 50
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Longmeadow.....	@ 80	80 @ 90		@ 95 @ 1 05
Kibbe.....	@ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @	1 00 @ 1 30	1 50 @ cub. ft.	1 05 @ 1 25
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	85 @ 95
Berea ".....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin ".....	75 @ 1 00	80 @ 90	45 @ 55	85 @ 95
Belleville.....	80 @ 1 25	25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	@ 1 00	75 @ 90	Not sold.	1 05 @ 1 15
Potdam Red.....	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen.....	@ 1 05	@ 2 00		1 25 @ 1 35
Carlisle, English.....	@ 1 05	@ 1 05		95 @ 1 05
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Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	Richmond
Joliet.....	1 00		@	75 @ 1 50
Lemont.....			@	Perch 4 50 @ 5 50
Serpentine.....		10 50 per ton.		
Bluestone: (Per 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: (Per 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 (Per 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 @ 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 50
"Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P.M.	@	@	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.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
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	12 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	on 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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	13 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Hemlock.....	12 00 @ 16 00	12 00 @ 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:				
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	1 60 @ 1 70	1 80 @ 2 15	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P.M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed..... "	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed..... "	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P.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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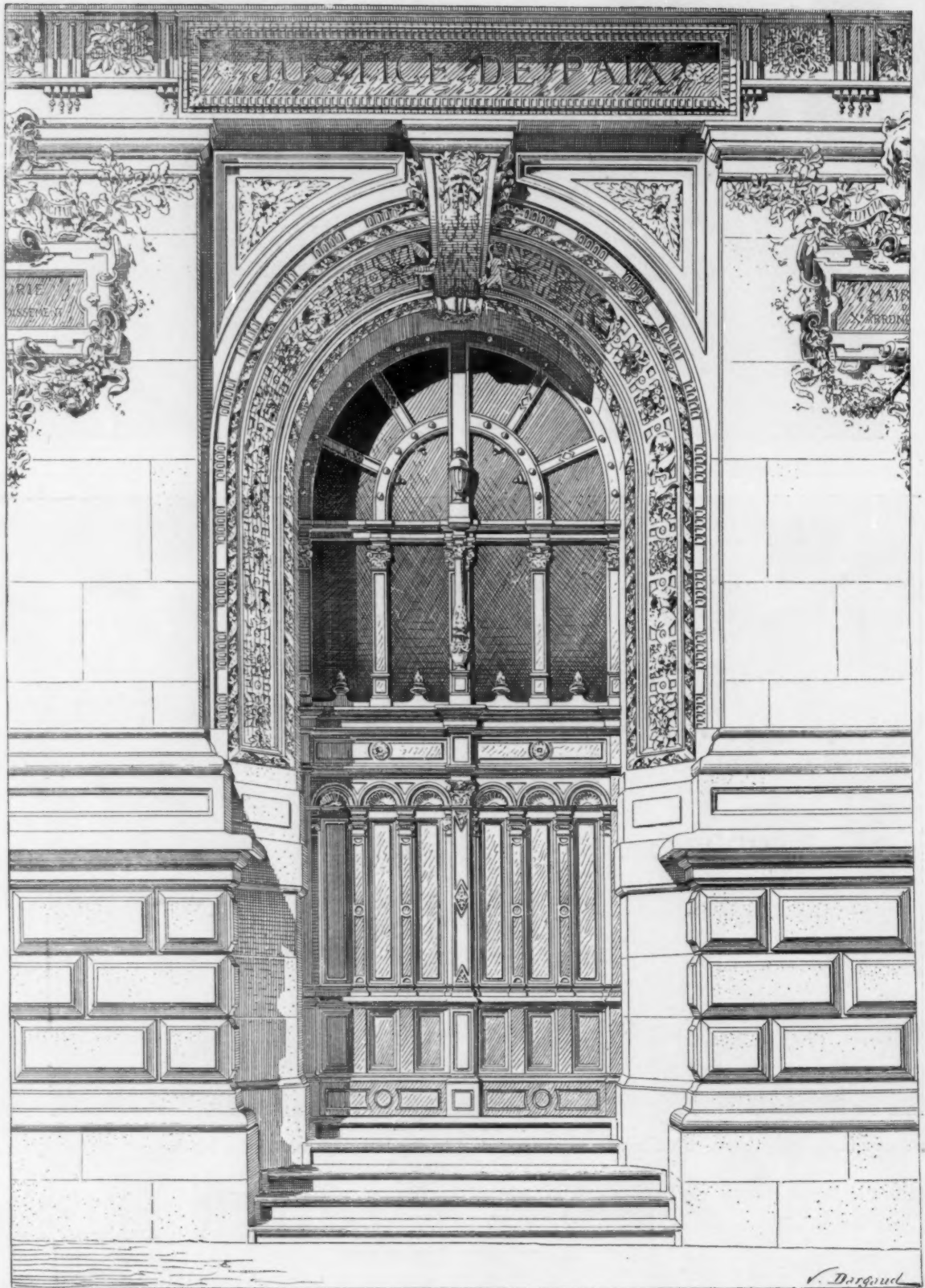
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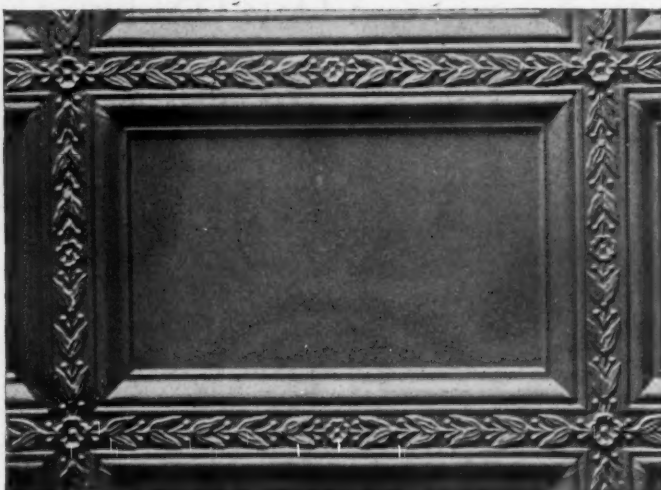
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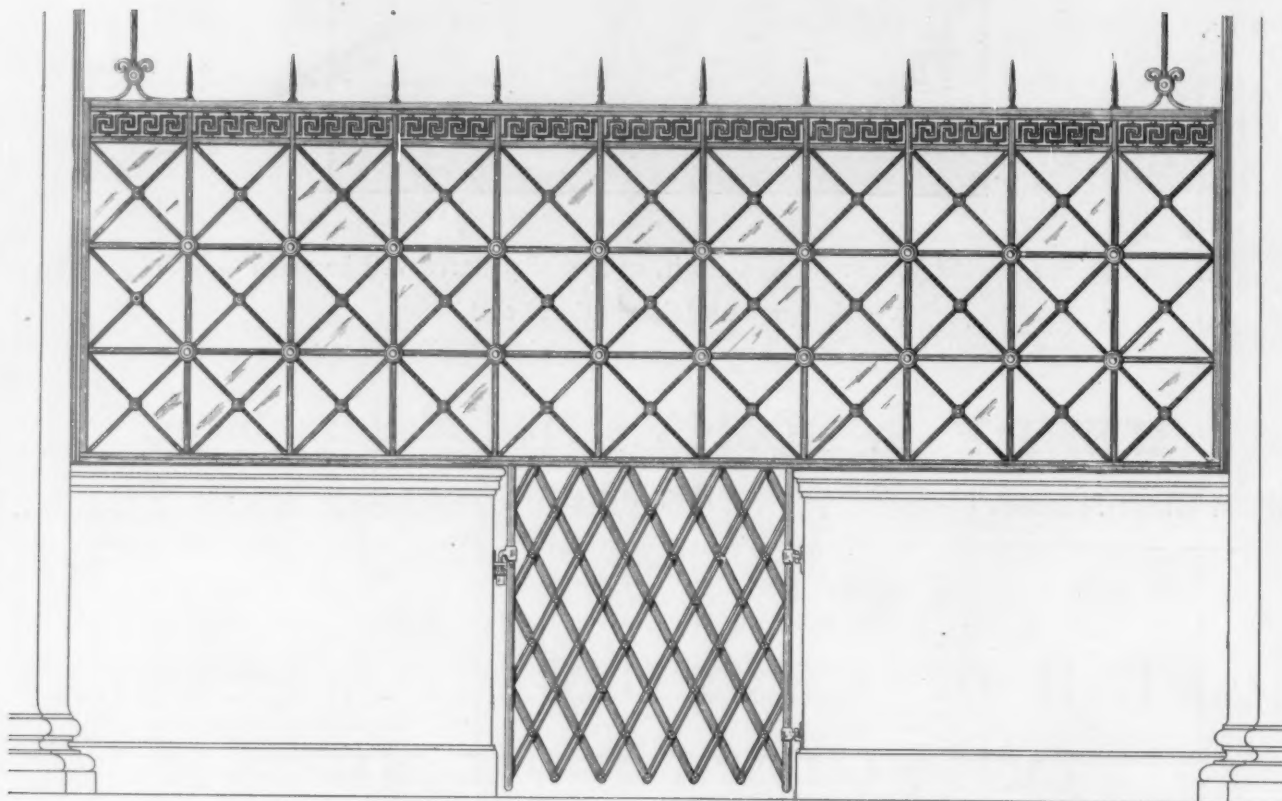
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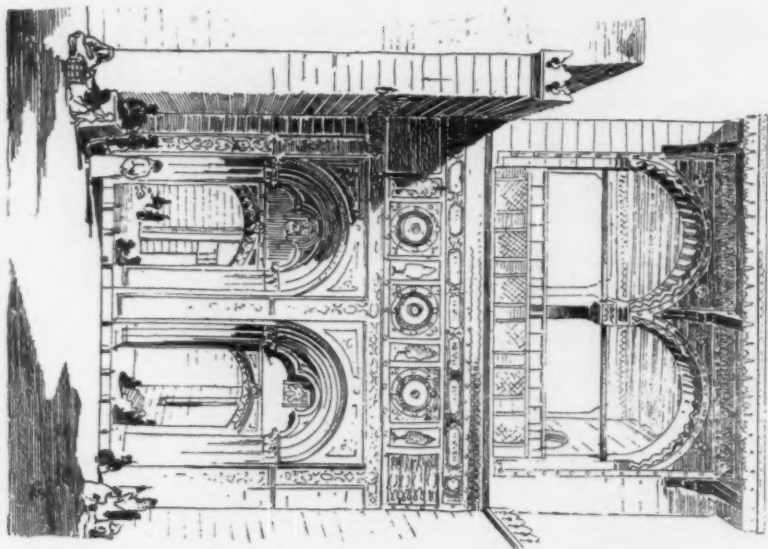
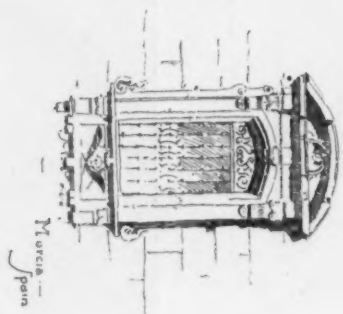
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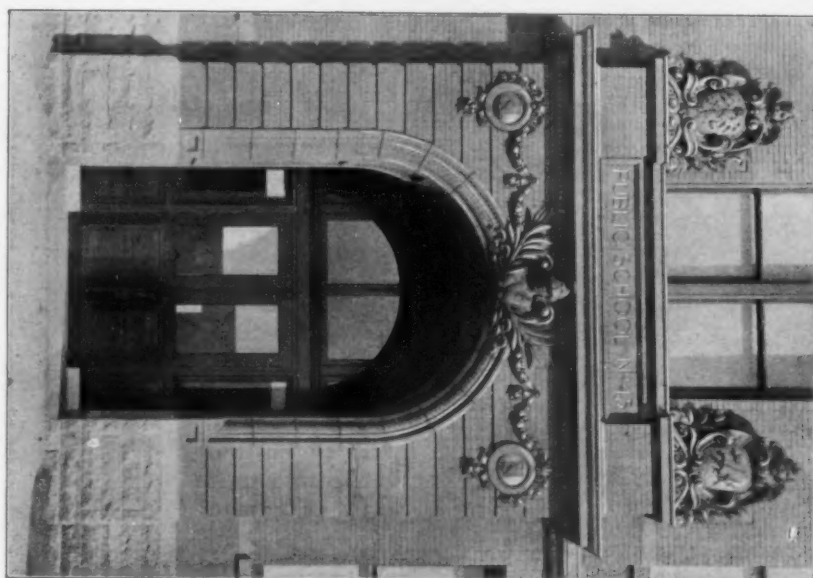
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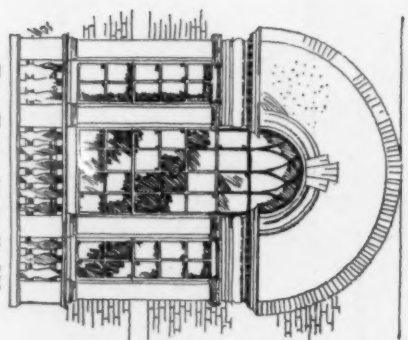
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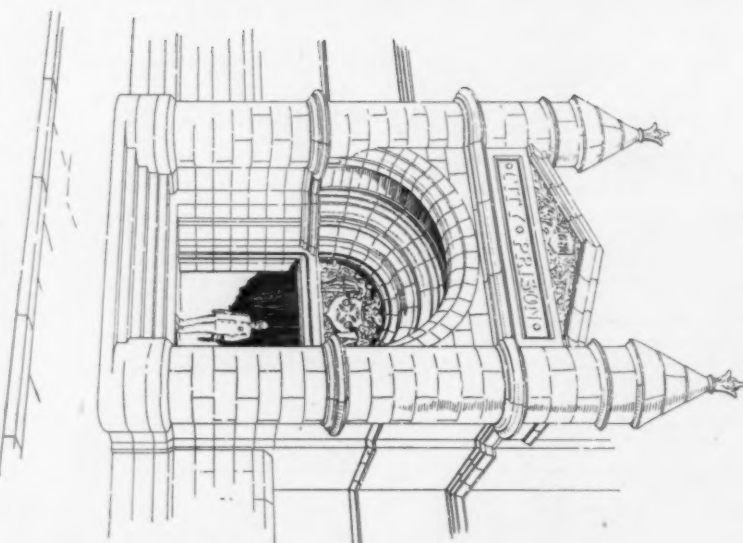
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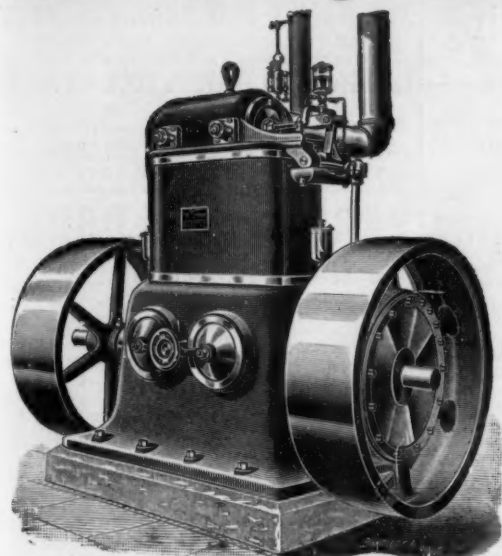


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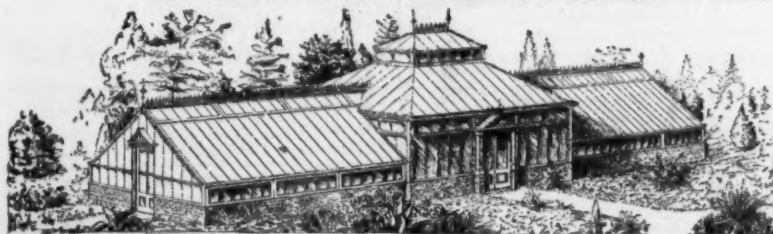
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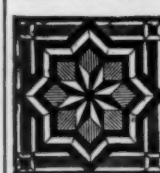
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Pittsburgh, Pa.

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ton, N. J.

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Mich.

611,031. WINDOW. — Oscar Frotcher, Philadelphia,
Pa.

611,033. WATER-CLOSET VALVE. — John M. Cam-
eron, Philadelphia, Pa.

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611,165. SHUTTER-OPERATING DEVICE. — William
Zehnder, Canal Dover, O.

611,171. SASH-FASTENER. — Hobart B. Ives, New
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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, espe-
cially from the smaller and outlying towns.)

ADVANCE RUMORS.

Allegheny, Pa. — The Bank for Secured Savings, of
this city, will erect a new bank building, to cost
about \$10,000. H. Gilliford, president.

Chattanooga, Tenn. — The publishers of the News
are having plans prepared for the erection of a
brick and stone structure.

Chicago, Ill. — Chas. Thieslew, 409 Milwaukee Ave.,
is preparing plans for a \$70,000 six-story manu-
facturing building to be erected at 150-160 Erie St.,
for F. Herhold & Sons, to replace their factory
lately destroyed by fire.

Burtar & Gassmann, 12th St. and Oakley Ave.,
have designed a \$25,000 stone and pressed brick,
three-story school-building, 60' x 96', to be built on
the west side.

DOMESTIC WATER SUPPLY.

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that will pump water every day in the year.

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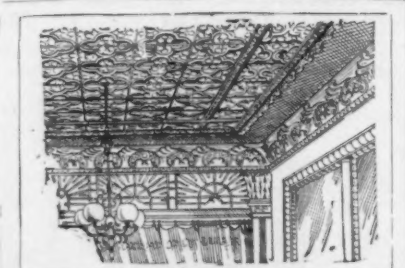
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The Western Methodist Book Concern has decided
to erect a ten-story building on its property, 57
Washington St. Plans have been made by H. B.
Wheelock, 226 La Salle St., which will be con-
sidered at a special meeting of the general officers,
to be held in Cincinnati, Ohio. The cost of the
building will be about \$150,000.

Des Moines, Ia. — It is reported that the City Li-
brary Board will soon ask for plans for a \$100,000
library. Mr. Fleming, president.

Detroit, Mich. — A. C. Varney & Co. are preparing
plans for a building, 80' x 138', and six stories high,
for Boydell Bros., located on the s.e. corner of
Champlain and Beaubien Sts.; cost, \$30,000.

E. C. Van Leyen is preparing plans for a block of
six dwellings for R. L. Courtney, to be of pressed
brick with stone trimmings; cost, \$15,000.

Spier & Rohus have prepared plans for a church
for the Immanuel Evangelical Society; cost, \$10,-
000. Rev. A. W. Bachman, pastor.

Julius Hess is preparing plans for a factory
building, 35' x 90', of brick and iron, for the Buhl
Stamping Co.; cost about \$10,000.

R. E. Rasmussen is preparing plans for a factory
building, 92' x 162', to be located on Harper Ave.,
for Reese & Rockmeyer; cost, \$10,000.

Eldorado, Kan. — The Santa Fé Ry. Co. will, it is
reported, build a \$60,000 stone depot. J. J. Fray,
Gen. Mgr., Topeka.

Gladstone, Ala. — The Dwight Mfg. Co. will soon
commence the erection of an exact duplicate of
their present plant. The additional main building
will be 130' x 500', three stories high. The cotton

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BOSTON.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

warehouse will be fireproof, 150' x 400', and the
cloth warehouse, 150' x 200'. A new boiler-house
and engine room will also be erected. The com-
pany will expend about \$700,000 on the improve-
ments.

Huntington, N. Y. — The citizens have voted to
appropriate \$20,000 for a school.

Louisville, Ky. — Plans have been prepared for a
\$75,000 church for the St. Boniface Catholic Con-
gregation.

Reports state that the County Commissioners
have appointed a committee to receive plans and
estimates for a \$40,000 addition to the Court-house,
the committee to report in November.

Morehead, Ky. — Clark & Howard, of Lexington,
have received the contract for a Court-house, at
\$14,000.

Newport News, Va. — The Seloto Grocery Co. will
erect a building, to be three stories, 75' x 100'.

New York, N. Y. — J. B. McElfrick & Sons, 1402
Broadway, are preparing plans for a three-story
brick and stone music-hall and roof-garden, 100' x
311'. It is to be built on 7th Ave., corner of 42d St.,
for the Hammerstein Amusement Co. and will be
named "The Victoria." The hall is to have a seat-
ing capacity of 2,000. Total cost about \$100,000.

Port Clinton, O. — Plans have been prepared for a
new Court-house for Ottawa County, to cost about
\$100,000. Architects, Wing & Mahurin, Pixley
Block, Fort Wayne, Ind.

Rochester, N. Y. — Preliminary plans are being pre-
pared by Walker & Briggs, architects, 701 Ellwanger
& Barry Building, for a public building, to be
erected in this city. It will be 80' x 200', three
stories high, built of brick and stone, and will cost
approximately \$100,000.

Somerville, N. J. — Architect Wm. E. Bloodgood,
64 Cedar St., New York City, is preparing plans
for a building to be erected in this city by the
Hiram Deane Memorial Home for Children. It
will be two stories and cellar, 43' x 160', with stucco
and terra-cotta front, Spanish tile roof, steam heat
and will be entirely fireproof; cost, \$30,000.

Toledo, O. — The Wade Printing Company have had
plans prepared for a new building on Superior St.,
to cost \$20,000.

Traverse City, Mich. — W. A. Dean has designed
a K. of P. Building, to be erected by Dr. J. D. Mun-

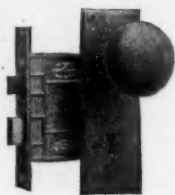


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An Artistic Brochure on Vulcan Locks, also a Catalogue of 90 pages, will be sent on request.

The Yale and Towne Mfg. Co.

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The Yale & Towne Mfg. Co.,
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NEW YORK, July 11th, 1898.

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Another feature about these "Vulcan Locks" is, that while they give as good service as any cast-case lock of their denomination, they do not require as much cutting away of wood in the lock-rail, thereby strengthening the door to an appreciable extent.

Wishing you all success with your "Vulcan Locks," I remain

Yours truly,

(Signed) ALFRED BEINHAEUER.

9218-98-75

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

son. It will be three stories high, built of pressed brick and terra-cotta, and will cost about \$12,000.

Troy, N. Y.—It is reported that the Union R. R. Co. will expend about \$100,000 in improvements at the station. F. A. Harrington, treas. and mgr., Albany, N. Y.

Washington, D. C.—C. A. Didden, 700 Thirteenth St., N. W., has prepared plans for a \$75,000 addition to Albert Carry's apartment-house.

The Douglass Methodist Episcopal Society will build a new brick church at 11th and H Sts., N. E. It will be 62' x 66', with slate roof and steam heat, costing about \$18,800.

Watertown, Mass.—A. B. Murdough has been awarded the contract for a school at \$29,200.

Westerly, R. I.—Competitive plans are being made for a brick and stone school-house to be erected here.

Xenia, O.—Greene County contemplates erecting a new Court-house to cost about \$150,000.

ALTERATIONS AND ADDITIONS.

Worcester, Mass.—Park St., one-sty' bk. addition to factory, 87' x 128'; \$7,700; o. W. H. Burns; c. Cutting, Bardwell & Co.; a. Fuller, Delano & Frost.

Adams Ave., four-sty' bk. addition to office, 40' x 56'; \$5,000; o. Norton Emery Wheel Co.; a. Fuller, Delano & Frost; c. E. J. Cross.

APARTMENT-HOUSES.

Bayonne, N. Y.—Three-sty' fr. flats; \$18,000; o. Wm. Loftin, Jersey City; a. Eugene Reilly.

Brooklyn, N. Y.—Clinton Ave., No. 116, four-sty' bk. & st. flats, 25' x 70', flat roof, steam; \$15,000; o. Mrs. Rosie Russ; a. Louis Korn, 37 Maiden Lane, New York City.

Chicago, Ill.—Normal Parkway, Nos. 438-40, four-sty' bk. flats, 44' x 70'; \$20,000; o. J. M. Young; b. W. H. Bell.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Greenwood Ave., Nos. 5552-58, four-sty' aparts. & store, 60' x 100'; \$50,000; o. & b. N. P. Cummings; a. Henry L. Newhouse.

W. Seventy-first St., Nos. 218-224, 2 three-sty' bk. flats, 36' x 74'; \$35,000; o. & b. Jas. Penhalligan; a. Aug. Westburg.

W. North Ave., No. 281, three-sty' bk. store & flats, 21' x 80'; \$9,000; o. A. S. Terrill; b. Marks & Co.

W. Congress St., No. 1653, three-sty' bk. flats, 22' x 54'; \$7,000; o. L. Allen; b. Wm. Allen.

Minerva Ave., Nos. 6514-16, three-sty' bk. flats, 50' x 58'; \$14,000; o. Richard Curran; b. Frank Burke.

Jackson Ave. and Fifty-eighth St., three-sty' bk. st. & terra-cotta flats, 93' x 106'; comp. roof, steam; \$45,000; o. P. A. George; a. Louis Martens, 167 Dearborn St.

Cleveland, O.—Fourth Ave., four-sty' bk. & st. flats, 46' x 92', slate roof, steam; \$18,500; o. W. J. Harden et al.; a. F. S. Barnum & Co.

Dover, N. J.—Two three-sty' bk. & st. stores & flats, 40' x 60', flat roof; steam; \$20,000; o. J. F. Mase; a. A. De Salderin, 130 Broadway, New York City.

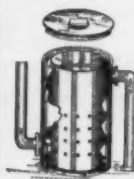
New York, N. Y.—Third Ave., e. s. No. 164, nr. Wendover Ave., 3 four-sty' bk. flats & stores, 25' x 57' 6"; \$16,000 each; o. Mr. P. Bookstaver; a. Rudolph Werner, a w cor. 71st St. & 3d Ave.

One Hundred and Thirty-ninth St., nr. Western Boulevard, 4 five-sty' bk. & st. flats, three 27' x 87', one 19' x 85'; \$95,000; o. McCracken & Dagnall, 400 W. 152d St.; a. Neville & Bagge.

Eighth Ave., cor. 112th St., 5 five-sty' bk. & st. flats, corner 25' x 95', three 25' x 87'; \$115,000; o. Schmuck & Montag; a. Edw. Wenz, 1491 Third Ave.

Fifth Ave., cor. 117th St., five-sty' bk. & st. stores & flats, 25' 2" x 95'; o. Wm. Drought, 200 W. 103th St.; a. Neville & Bagge, 217 W. 125th St.

Stanton St., No. 122, six-sty' bk., st. & terra-cotta



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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

stores & aparts., 25' x 61'; \$25,000; o. Jacob Fischel, 197 Henry St.; a. Horenburger & Straub, 122 Bowery.

One Hundred and Twenty-fifth St., cor. Manhattan St., four-sty' bk. store & flats, 97' 10" x 150' 31"; \$37,000; o. Wm. H. Scott, 111 Broadway; a. Geo. P. Chappell, 24 State St.

Seventy-fourth St., nr. 3d Ave., five-sty' bk. store & flats, 25' x 90' 7"; \$20,000; o. Pauline Wittner, 26 Beekman Pl.; a. W. C. Dickerson, 149th St. & 3d Ave.

W. Seventeenth St., No. 319, five-sty' bk. flats, 25' x 81'; \$20,000; o. Sarah C. Quinn, 559 W. 51st St.; a. Wm. H. Boylan, 60 Liberty St.

One Hundred and Twenty-fifth St., nr. Boulevard, 2 five-sty' bk. stores & flats, 21' x 85' 3"; \$23,000 each; o. & a. Jobst Hoffman, 26 W. 116th St.

One Hundred and Twenty-fifth St., nr. Boulevard, 2 five-sty' bk. stores & flats, 25' x 85'; \$20,000 each; o. & a. Jobst Hoffman, 26 W. 116th St.

Houston St., cor. Manhattan St., 2 six-sty' bk. stores & flats, 31' 3" x 57' 8" & 62' 8"; total cost, \$55,000; o. Sussman Goldreyer & Marcus Hoffberg, 212 Delancey St. and Abraham Stone, 57 Henry St.; a. Horenburger & Straub, 122 Bowery.

Lewis St., No. 76, six-sty' bk. store & flats, 25' x 87' 8"; \$20,000; o. Adolph Danziger, 14 E. 11th St. and Jacob Sommer, 58 E. 118th St.; a. Sam'l Sass, 23 Park Row.

Rivington St., Nos. 240-242, 2 six-sty' bk. stores & flats, 25' x 87' 9"; \$20,000 each; o. Urry Goodman, 1.1 Norfolk St.; a. Nathan Langer, 276 Madison St. St. Ann's Ave., nr. Westchester Ave., 3 five-sty' bk. flats, 36' 6" x 100', 36' 6" x 103' & 38' 6" x 106'; \$20,000 each; o. & a. Albert Rothermel, 663 E. 144th St.

One Hundred and Third St., cor. Boulevard, seven-sty' fireproof bk. & st. apart. with stores on plot, 77' 7" x 101' 10" x 63' 7" x 100' 11"; o. Metropolitan Investment Co., 160 Broadway; a. David W. King, 111 Fifth Ave.

Madison St., No. 290, six-sty' bk., st. & terra-cotta flats & stores, 23' 10" x 88' 6"; \$25,000; o. Weil & Mayer, 35 Nassau St.; a. Schneider & Herter, Bible House.

Monroe St., No. 55, six-sty' bk., st. & terra-cotta flats with stores, 25' x 86' 6"; \$25,000; o. Weil & Mayer, 35 Nassau St.; a. Schneider & Herter, Bible House.

One Hundred and Fiftieth St., s. s. 125' w Mt. Morris Ave., five-sty' bk. flats & store, 25' x 90'; \$20,000; o. Raphael Avallone, 476 E. 151st St.; a. M. J. Garvin, 3307 Third Ave.

One Hundred and Thirty-fifth St., n. s. 170' w Brown Pl., 4 five-sty' bk. & st. flats, 25' x 82' each; \$88,000; o. Gaines & Roberts; a. Harry T. Howell, 748 E. 138th St.

St. Louis, Mo.—Easton Ave., nr. Marcus St., two-sty' bk. flats & store, 65' x 66', comp. roof; \$13,000; o. Thomas Mooney; a. G. B. Reid, Odd Fellows Building.

Finney and Taylor Aves., 11 two-sty' stores & flats in one block, 143' x 151', comp. roof, steam; \$35,000; o. S. Jas. Harbaugh; a. Barnett, Haynes & Barnett.

Summit, N. J.—Three-sty' bk. & st. flats & store, 45' x 100'; o. W. Z. Larned; b. J. A. Penniman.

CHURCHES.

Ashtabula, O.—One-sty' & base. st. church, 92' x 132', slate roof, furnace; \$20,000; o. German Catholic Society; a. Wm. P. Glinther, Akron.

Circleville, O.—St. church, 96' x 100', slate roof, furnace; \$25,000; o. Presbyterian Society; a. C. A. Stribling & Co., Columbus.

Fort Worth, Tex.—Two-sty' & base. bk. & st. church, 70' x 91', slate roof; \$20,000; o. Third Christian Church; a. M. D. Thomas.

EDUCATIONAL.

Camden, N. J.—Haddon and Newton Aves., three-sty' & base. bk., marble & granite school, 100' x 150', slate roof; \$90,000; o. City; a. Thomas Stephen, 302 Masonic Temple.

Marquette, Mich.—Two-sty' bk. school, 40' x 60', shingle roof, steam; \$10,000; o. Catholic Society, B. Wiedhart, trustee; a. Charlton, Gilbert & Demar.

Marshfield, Wis.—Two-sty' bk. school, 92' x 100', shingle roof, furnace; \$20,000; o. Board of Education; a. Ryn & De Gelleke, Milwaukee.

Pittsburgh, Pa.—Friendship Ave. and Graham St., two-sty' bk. & terra-cotta school, 94' x 174', tile roof, steam; \$100,000; o. Board of Education, Liberty Sub-school District; a. C. M. Barthege, Westinghouse Building.

FACTORIES.

Detroit, Mich.—Champlain and Beaubien Sts., six-sty' bk. manufacturing building, 80' x 138', comp. roof, steam; \$30,000; o. Boydel Bros.; a. A. C. Varney & Co., Newberry Building.

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HOUSES.

Bayonne, N. J. — W. Fifteenth St., cor. Avenue D, three-sty' fr. store & dwell.; \$6,500; o., Mary O'Donnell; a., Augustus Schmidt.

Boston, Mass. — Elmont St., No. 21, Ward 20, two-sty' fr. dwell., 26' x 42', pitch roof, furnace; \$4,000; o., Robert Richardson; a., H. McLeod, 17 Joseph St.

Devon St., nr. Blue Hill Ave., Ward 20, two-sty' fr. dwell., 28' x 50', pitch roof, furnace; \$5,500; o. & b., W. W. Brummett, 49 Holborn St.

Dakota St., nr. Washington St., Ward 20, two-sty' fr. dwell., 33' x 36', pitch roof, furnace; \$5,000; o. & b., W. A. Long, 194 Washington St.

Philips St., Ward 19, 2 three-sty' bk. dwells., 23' x 45', flat roofs, stoves; \$10,000; o., James D. Casey; b., Calvin Lamont.

Roosevelt, Camden and Northampton Sts., Ward 19, 2 bk. dwells., 30' x 30', & 3 bk. dwells., 23' x 50', flat roofs, stoves; \$35,000; o. & b., B. J. Connolly, 93 Dale St.

Linden Park St., nr. Lamont St., Ward 18, 6 bk. dwells., four 20' x 40' & two 20' x 35', flat roofs, stoves; \$35,000; o., Jennie Bassett; b., W. T. White, 21 Milk St.

Tonawanda St., nr. Bowdoin St., Ward 20, 2 two-sty' fr. dwells., 26' x 40' & 14' x 30' x 55', pitch roofs, furnaces; \$8,000; o., Alice B. Marquis; b., George Marquis, 5 Woodward Park.

Cottage Park, from Bowdoin St., Ward 20, 2-sty' fr. dwell., 26' x 40', pitch roof, furnace; \$4,500; o. & b., F. A. Scofield, 42 Grampan Way.

Roach St., nr. Dorchester Ave., Ward 20, three-sty' fr. dwell., 25' x 48', flat roof, stoves; \$5,500; o., Hannah Donovan; b., W. A. Williams, 18 Wrentham St.

Homer St., nr. Moore St., Ward 1, two-sty' fr. dwell., 22' x 52', pitch roof, stoves; \$3,500; o. & b., Chas. E. Johnson, 11 Winthrop St., E. Boston.

Mansfield St., nr. Coolidge St., Ward 25, 2-sty' fr. dwell., 42' x 47', pitch roof, hot water; \$6,500; o. & b., Mitchell & Sutherland, 166 Devonshire St.

Washington St., nr. Walton St., Ward 24, 4 fr. dwells., various dimensions, flat roofs, furnaces; \$14,000; o., James F. Haddock; a., C. A. Russell, Warren St., Roxbury.

Canterbury St., cor. Angell St., Ward 23, 2-sty' fr. dwell., 27' x 46', pitch roof, steam; \$5,200; o., George Todd; b., George Todd & Co., 23 Court St.

Winship St., nr. Washington St., Ward 25, two-sty' fr. dwell., 20' x 24' x 32', pitch roof, furnace; \$4,000; o., Elizabeth Teban; b., Charles B. Collar, 128 Berkeley St.

Hardwick St., nr. Dunboy St., Ward 25, two-sty' fr. dwell., 30' x 40', pitch roof, steam; \$3,500; o., Etta M. Forbes; b., V. M. Cutler, 47 Brooks St., Brighton.

Coffey St., nr. Neponset Ave., Ward 24, three-sty' fr. dwell., 23' x 46', pitch roof, stoves; \$3,500; o., John McShane, care of E. J. Vickery, 17 Otis St.

Laurel St., nr. Hayden St., Ward 19, 2 three-sty'

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(Houses Continued.)

fr. dwells., 23' x 52', flat roofs, stoves; \$8,000; o. & b., P. H. Moore, 56 Lawn St., Roxbury.

Crawford St., nr. Elm Hill Ave., Ward 21, two 2-sty' fr. dwells., 17' x 24' x 80' & 24' x 28' x 77', pitch roofs, steam; \$15,000; o., Robert Gallagher, 166 Devonshire St.; a., Kendall, Taylor & Stevens.

Newport St., Nos. 10-12, Ward 25, 2 three-sty' fr. dwells., 20' x 22' x 52', flat roofs, furnaces; \$8,000; o. & b., R. O. Dunn, 381 Harrison Ave.

Cape St., nr. Seiden St., Ward 24, two-sty' fr. dwell., 29' x 39', pitch roof, furnace; \$3,500; o. & b., E. K. Hall, Cambridge.

Brooklyn, N. Y. — E. Twelfth St. and Beverly Ave., two-sty' fr. dwell., 27' x 45'; \$5,000; o., Daniel Lauer, New York Ave.; a., Benj. Dreisler, 1432 Flatbush Ave.

Columbus, O. — High St., two-sty' bk. dwell., 30' x 54', slate roof, furnace; \$5,000; o., A. F. Miller; a., Detweiler, Restiueux & Co.

East Hampden, L. I., N. Y. — 2-sty' fr. dwell., 40' x 88'; \$14,000; o., Schuyler Quackenbush, 18 Wall St.; a., C. L. W. Edlitz, New York City.

Galesburg, Ill. — Two-sty' bk. & fr. dwell., 36' x 36', shingle roof, hot air; \$5,000; o., L. A. Weinberg; a., Walter & Klein.

Hackensack, N. J. — Anderson St., 2-sty' fr. dwell., 24' x 31'; \$6,000; o., Wm. Whyte; a., A. P. Vail.

Marion, O. — Two-sty' & base. bk. dwell., 32' x 64', slate roof, hot water; \$9,000; o., J. G. Leffer; a., Sloan & Ault.

2-sty' fr. dwell., 44' x 62', slate roof, hot air; \$10,000; o., Dr. A. Bow; a., Sloan & Ault.

Menasha, Wis. — 2-sty' fr. dwell., 52' x 55', shingle roof, hot water; \$8,000; o., S. E. Smith; a., Van Ryn & De Geleke, Milwaukee.

Middlebury, Conn. — Two-sty' fr. dwell., 36' x 75', with extension, 15' x 25'; \$13,500; o., Harris Whitmore; a., Tracy & Magonigle, 156 Fifth Ave., New York City.

Minneapolis, Minn. — Humboldt and Summit Aves., two-sty' fr. dwell., 32' x 50', pitch roof, furnace; \$5,000; o., Frank O. Moran; a., G. M. Colburn.

Montclair, N. J. — Erwin Park, two 2-sty' fr. dwells., 40' x 50' each; \$15,000; o., Mr. Harrison; a., Frank E. Wallis, 7 W. 30th St., New York City.

New York, N. Y. — One Hundred and Eighth St., nr. Riverside Drive, 4 five-sty' bk. & st. dwells., various dimensions; \$110,000; o. & b., J. A. Farley, 967 Boulevard; a., James & Leo.

Noroton, Conn. — 2-sty' fr. dwell., 50' x 50'; o., J. H. Jenkins; a., F. K. Bourne, 18 Broadway, New York City.

Philadelphia, Pa. — Broad St., nr. Nedro Ave., 2-sty' bk. dwell., 24' x 40'; o., J. R. Hope; b., Charles Rufe.

Fairmount Locks, on the Schuylkill River, two-sty' fr. dwell., 26' x 52'; \$5,000; o., Schuylkill Navigation Co.; b., Charles McCaul.

Rye, N. Y. — Rye Terrace, 2-sty' fr. dwell., pitch roof, furnace; \$5,000; o., Chas. A. Beck; a., Stanley A. Dennis, 150 Nassau St., New York City.

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South Orange, N. J. — 2-sty' fr. dwell., 45' x 65'; \$10,000; o., Dr. George S. Cobb; a., Guy Kirkham, Springfield, Mass.

St. Louis, Mo. — Eads and Theresa Aves., 5 two-sty' bk. dwells., 25' x 45', slate roofs, furnaces; \$18,000; o., Argyle Real Estate Co.; a., E. Friesler, Imperial Building.

Town of Union, N. J. — Third St., Nos. 11-13, 3 two-sty' fr. dwells.; \$15,000; o., George Limouze; a., George McIntyre, West Hoboken.

Humboldt St., three-sty' fr. dwell.; \$4,500; o., Mrs. Rosalie Burns; a., Edw. McDermott, West Hoboken.

Worcester, Mass. — Dewey St., three-sty' fr. dwell.; 29' x 59'; \$5,000; o. & a., D. R. Rexford; a., W. B. Howe.

Hamilton St., two-sty' fr. dwell., 27' x 57'; \$5,000; o., J. McCarty; a., A. J. Harrington; a., J. A. Courtemanche.

Beeching St., two-sty' fr. dwell., 30' x 53'; \$5,800; o., S. D. Simonds; a., L. W. Briggs; o., J. A. McDermott.

Green Lane, 2-sty' fr. dwell., 24' x 55'; \$6,000; o. & b., H. B. Pender.

Pleasant St., two-sty' fr. dwell., 28' x 42'; \$6,500; o., E. C. Potter; a., B. C. Jacques; a., E. T. Chapin.

North Ave., two-sty' fr. dwell., 34' x 38'; \$5,000; o. & b., F. J. Goff; a., J. P. Kingston.

Agricultural St., 2 two-sty' fr. dwells., each 25' x 37'; \$7,000; o., N. S. Liscomb; a., D. M. Waterman.

Yonkers, N. Y. — Greystone Park, two 2-sty' fr. dwells., 27' x 41' & 29' x 34'; \$9,000; o., Edward H. Ryan, 1123 Broadway, New York City.

N. Broadway, 2-sty' fr. dwell., 32' x 53'; \$5,000; o., Harley B. Jeffrey; a., Jeffrey & Umbrecht, Syracuse.

Van Courtlandt Park Ave., 2-sty' fr. dwell., 44' 6" x 48'; \$5,000; o., American Real Estate Co., 280 Broadway, New York City; a., F. W. Beal, New York City.

Hillcourt Ave., 184th St., two 2-sty' fr. dwells., 32' x 51'; \$5,000; o., American Real Estate Co., 280 Broadway, New York City; a., F. W. Beal, New York City.

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Worcester, Mass. — Pleasant St., five-sty' bk. block, 40' x 40'; \$11,000; o., A. M. Taft; a., J. Miles & Son.

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Canton, Ill. — Three-sty' bk. & st. office-building, 38' x 100', tin roof, steam; \$16,000; o., N. G. Orrendorf; a., Wm. Wolff, Galesburg.

Washington, D. C. — F St., No. 1331, four-sty' bk. & st. store & office building, 27' x 113', flat roof, steam; \$20,000; o., Dr. Guy F. Whitney; a., W. M. Poindexter.

STABLES.

Boston, Mass. — Prescott St., nr. Cottage St., Ward 1, two-sty' fr. stable, 15' x 25', flat roof; \$500; o., S. Benson; a., J. S. Eastman, 97 Prescott St., East Boston.

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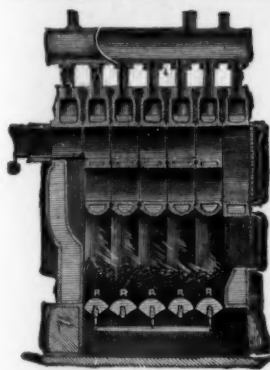
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High St., nr. Jay St., one-st'y fr. stable & wagon-shed, 25' x 98'; gravel roof; \$4,500; Joseph Fuhrer, 75 Eldert St.; a., H. E. Funk, 1551 Broadway; b., Sanger & Ehrlich.
Johnson Ave., nr. White St., two-st'y fr. stable, 48' x 23' 9"; gravel roof; \$1,200; o., Leo Weil, on premises; a., L. Berger, 300 St. Nicholas Ave.; b., J. Kossman.
Eighteenth St., nr. 3d Ave., two-st'y bk. stable, 30' x 47'; \$2,000; o., & b., M. Gibbons & Son, 318 Columbia St.; a., J. G. Glover, 186 Remsen St.
Covert St., nr. Bushwick Ave., two-st'y fr. stable, 25' x 20'; \$300; o., George C. Dickel, 1569 Broadway; a., H. E. Funk, 1551 Broadway.
High St., nr. Jay St., one-st'y bk. stable, 25' x 98'; \$1,500; o., Jos. Fuhrer, 75 Eldert St.; a., Herman E. Funk, 1551 Broadway.

Montvale, N. J.—14-st'y fr. stable; \$2,500; o., Jacob Terkuile; a., S. B. Reed, 245 Broadway, New York City.

Morristown, N. J.—De Kalb Ave., two-st'y fr. stable; \$3,000; o., Mrs. E. H. Day and Mrs. G. E. Swords; a., Robert C. Walsh.

Noroton, Conn.—14-st'y fr. private stable, 30' x 33', pitch roof; o., J. H. Jenkins; a., F. K. Bourne, 18 Broadway, New York City.

South Orange, N. J.—14-st'y fr. stable, 28' x 30'; \$2,500; o., Dr. George S. Cobb; a., Guy Kirkham, 33 Lyman St., Springfield, Mass.

Watermill, L. I., N. Y.—14-st'y fr. stable, 23' x 54'; \$2,000; o., James R. Steers; a., G. A. Gillespie, 547 Broadway, New York City.

BUILDING INTELLIGENCE.

(Stables Continued.)

Worcester, Mass.—Woodland St., two-st'y fr. stable, 33' x 38'; \$1,700; o., Mrs. Mary Richardson; a., J. P. Kingston; o., Geo. Kingston.

STORES.

New York, N. Y.—Fourth Ave., cor. 19th St., three-st'y bk. stores & studios, 119' x 148'; \$160,000; o., The Cameron Co., Geo. Finck, pres., 31 Nassau St.; a., N. C. Mellen, 27 W. 30th St.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Forty-second St., nr. 3d Ave., four-st'y bk. tenement, 30' x 81' 4"; \$10,000; o., Fred Motzer, 72d St. & 2d Ave.; a., U. J. Huberty, 161 Cornelia St.

Buffalo, N. Y.—Fifth St., nr. Court St., three-st'y bk. tenement; \$15,000; o., J. Scalfida; a., H. G. Lazalere, 19 Court St.

Chicago, Ill.—Jackson Ave., Nos. 6417-21, 2 three-st'y bk. flats, 25' x 62'; \$14,000; o., J. J. Meldahl; b., N. Stargaard.

New York, N. Y.—Pitt St., Nos. 57-61, 2 six-st'y bk. st. & terra-cotta stores & flats, 25' x 88', 32' x 88'; \$45,000; o., Bermann & Co., 141 Division St.; a., Horenburger & Straub, 122 Bowery.

Stanton St., Nos. 49-51, 2 six-st'y bk. st. & terra-cotta stores & tenements, 44' 9" x 64'; \$35,000; o., Rosenberg & Feinberg, 177 Floyd St., Brooklyn; a., Horenburger & Straub.

Rivington St., No. 165, six-st'y bk. st. & terra-cotta stores & flats, 25' x 62'; \$25,000; o., Jacob Fischel, 197 Henry St.; a., Horenburger & Straub.

South St., cor. Jackson St., six-st'y tenement with stores, 50' x 84' 6"; \$45,000; o., & b., S. Levin; a., Samuel Sass, 23 Park Row.

Pitt St., No. 125, six-st'y bk. & st. tenement with store, 25' x 88'; \$25,000; o., Isidore Mishkind & Co.; a., M. Bernstein, 145 Centre St.

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Gouverneur St., No. 28, six-st'y & base. bk., st. & terra-cotta tenement with store, 24' x 70'; \$16,000; o., Simon Jacobs, 100 Seventh St.; a., Horenburger & Straub, 122 Bowery.

One Hundred and Eighty-fourth St., s. s., 156' w Webster Ave., 2 three-st'y fr. flats, 20' x 50'; \$6,000 each; o., Walter Wilcox, 693 E. 179th St.; a., W. C. Dickerson, 149th St. & 3d Ave.

First Ave., cor. 104th St., six-st'y bk. & st. store & flats, 25' x 95'; \$32,000; o., Mrs. Peppi Wertheim, 279 Delancey St.; a., Max Muller, 12 Centre St.

First Ave., Nos. 2011-15, 3 six-st'y bk. & st. stores & flats, 25' 3" x 84' 8"; \$25,000 each; o., Mrs. Peppi Wertheim, 279 Delancey St.; a., Max Muller, 12 Centre St.

Suffolk St., Nos. 165-167, 2 six-st'y & base. bk. stores & tenements, 25' 3" x 87' 6"; \$19,000 each; o., Louis L. Richman, 89 Bowery; a., Kurtzer & Rohl, 3d Ave. & 7th St.

Broome St., Nos. 222-224, six-st'y bk. flats, 40' x 75'; \$20,000; o., Burstein & Pomeranz, 179 Henry St.; a., M. J. Schmalheiser, 1896 Washington Ave.

WAREHOUSES.

New York, N. Y.—West Forty-first St., No. 523, four-st'y bk. storage building, 25' x 71'; \$17,000; o., Valentine Loewer, 553 W. 41st St.; a., Chas. Rentz, 153 Fourth Ave.

W. Forty-ninth St., Nos. 606-616, three-st'y bk. warehouse & stable, 149' x 200' 10"; \$40,000; o., Pabst Brewing Co., Milwaukee; a., L. P. Smith, 238 Broadway.

Houston St., cor. Elm St., six-st'y bk. store, 27' 4" x 102' 7"; \$46,000; o., Estate of A. Schlesinger, 129 Crosby St.; a., Buchman & Deisler, 11 E. 50th St.

Philadelphia, Pa.—Callowhill St. and Delaware Ave., two-st'y bk. & terra-cotta cold-storage warehouse, 40' x 97'; \$15,000; o., Swift Bros. & Co.; b., Charles McCaul.

Summit, N. J.—Four-st'y bk. storehouse, 22' x 80'; \$6,000; o., Lawrence & Nelson.

MISCELLANEOUS.

Detroit, Mich.—Two two-st'y bk. & st. fire-engine houses, each 40' x 65', slate roofs, steam; \$35,000 each; o., Fire Commissioners; a., Malcomson & Higginbotham, Moffatt Building.

St. Louis, Mo.—Seventh St. and Cass Ave., four-st'y bk. bakery, 77' x 130', comp. roof, steam; \$35,000; o., Manewal Lange Bakery; a., J. L. Wees, Commercial Building.

PROPOSALS.

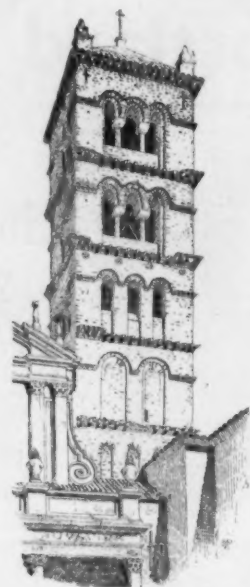
Treasury Department, Office Supervising Architect, Washington, D. C., September 24, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 21st day of October, 1898, and then opened, for the completion of the interior finish, plumbing and approaches of the United States Post-office, Columbus, Ga., in accordance with specification, copies of which may be had at this office or the office of the Custodian at Columbus, Ga. JAMES KNOX TAYLOR, Supervising Architect. 1189



San Pudenzia.



SS. Giovanni e Paolo.



Sta. Cecilia.



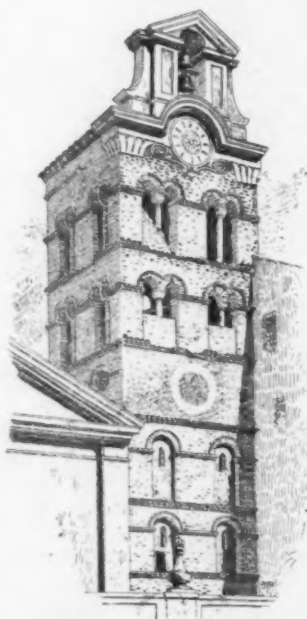
San Giorgio in Velabro.



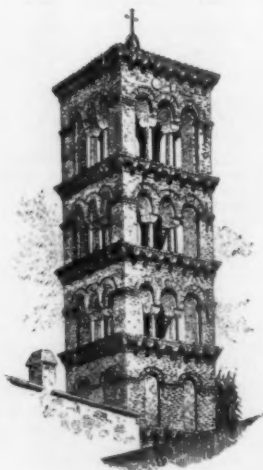
Sta. Maria in Cosmedin.



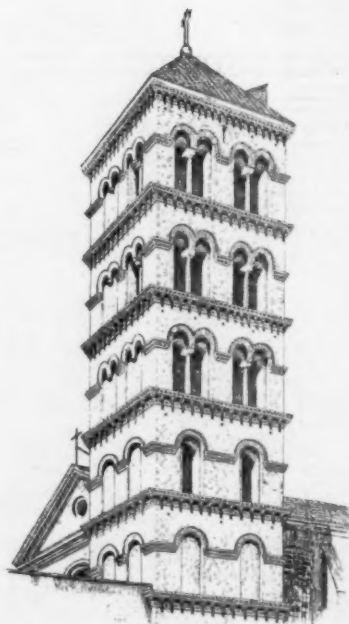
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San Lorenzo in Lucina.



San Michele in Borgo.



San Alessio.

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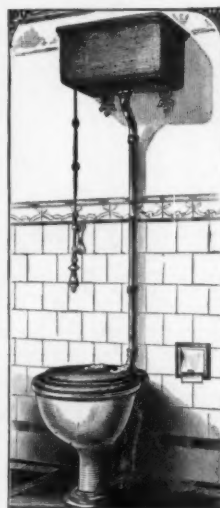
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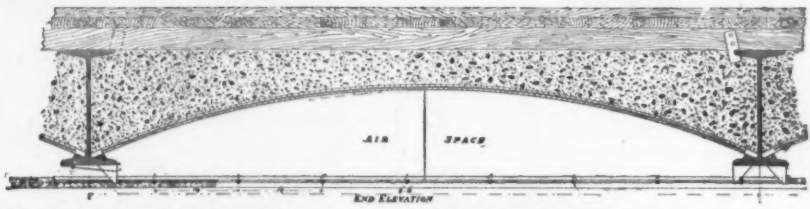
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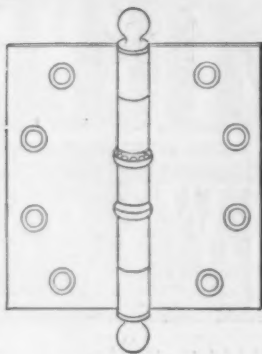
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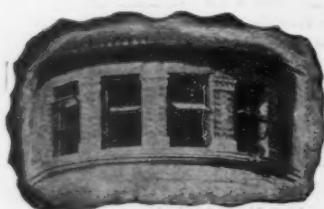
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" unfading.....

Purple.....

Red.....

Black, Lehigh.....

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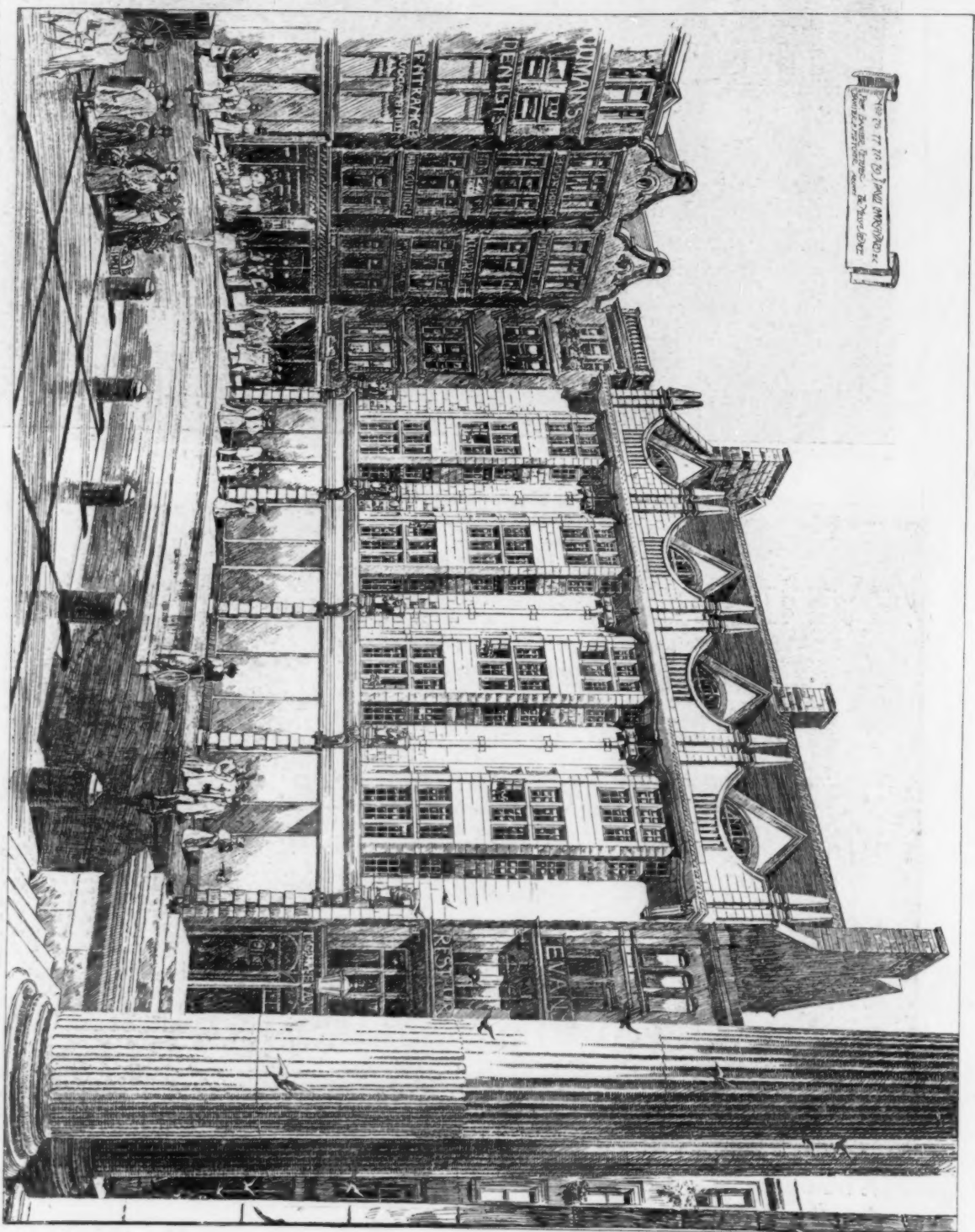
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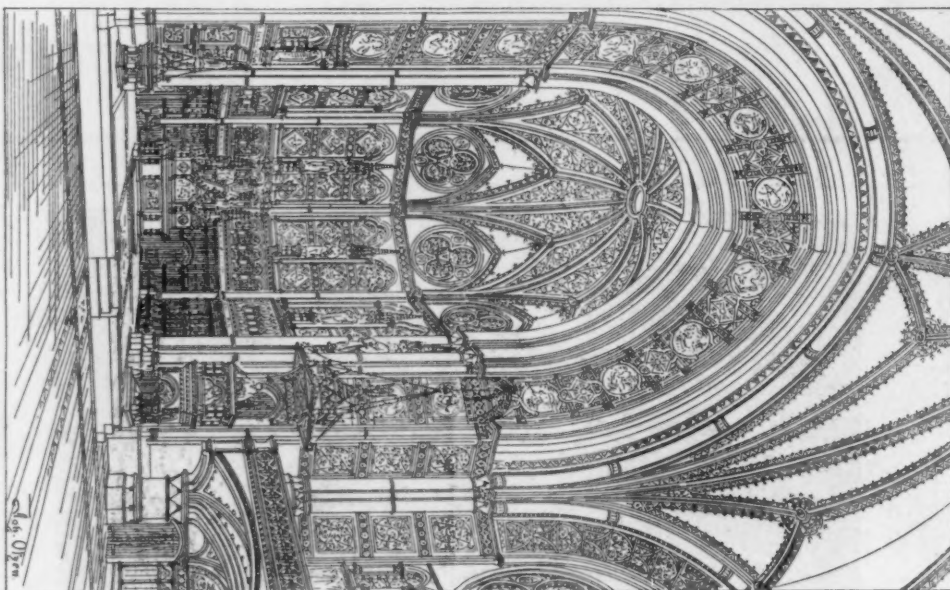
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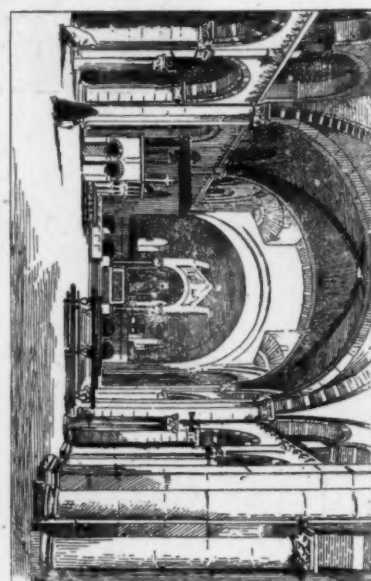
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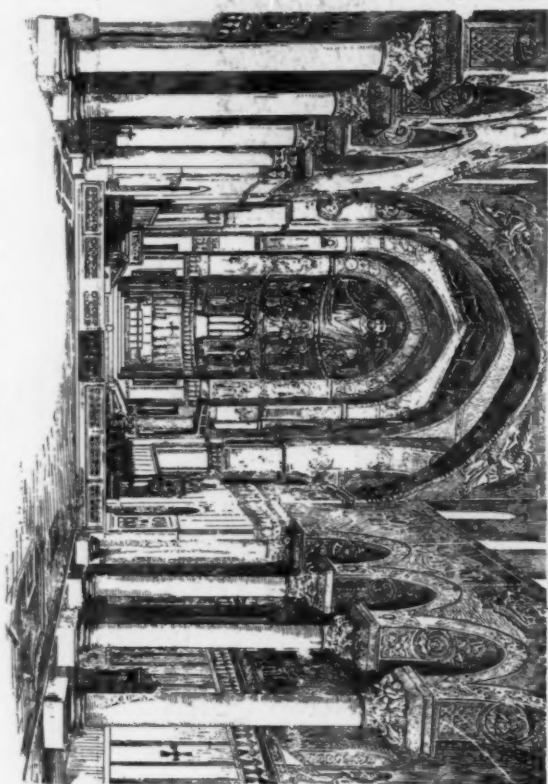
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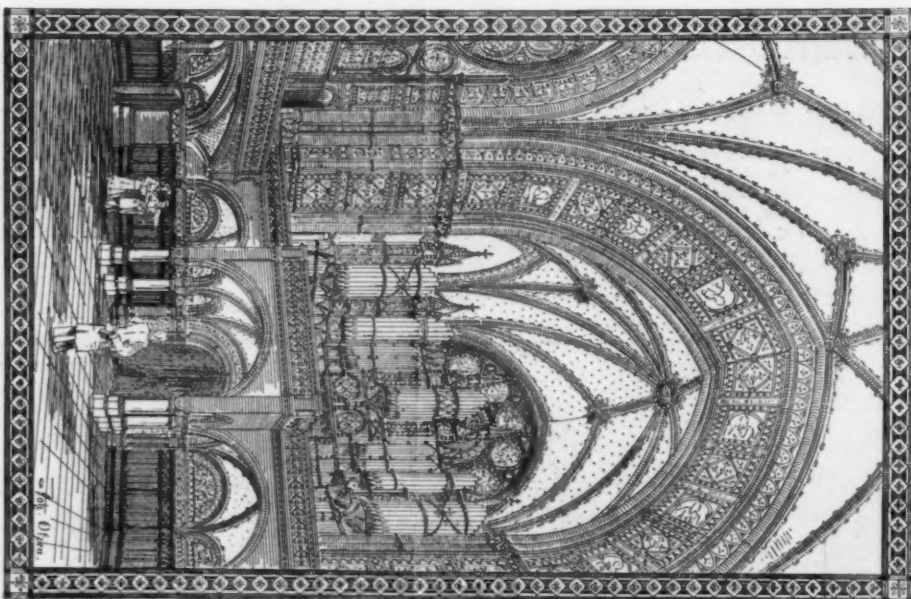
Choir of the New Church of St. George, Berlin, Prussia.
J. Otzen, Architect.



Nave of San Ambrogio, Milan, Italy.



Nave of the Cathedral, Monreale, Sicily.

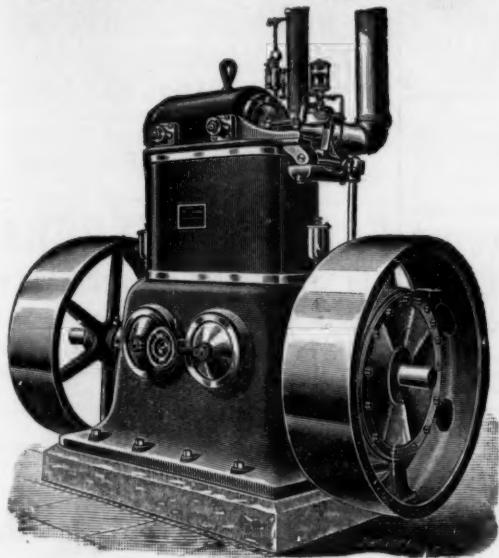


Organ-loft, New Church of St. George, Berlin, Prussia.
J. Otzen, Architect.

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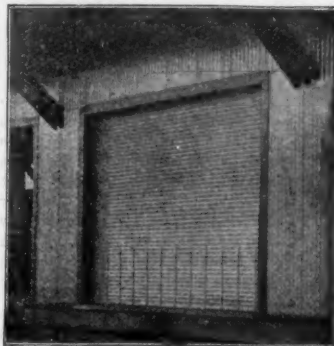
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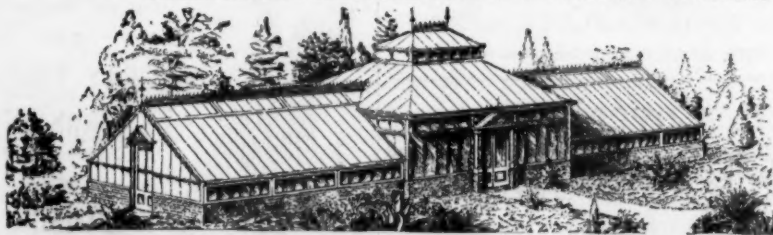
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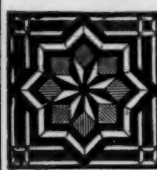
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New Advertisements.

ALCOTT, ROSS & SCULLY CO. (Philadelphia, Pa.), Mantels. Page xi.
THE KENNEY COMPANY (New York, N. Y.), The Kenney Flushometer. Page xiii.

See last or next issue for the following advertisements:—

Barron, Boyle & Co.
Chrome Steel Works.
Gorton & Lidgerwood.
L. Haberstroh & Son.
New York Belting & Packing Co.
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See the first issue of the month for the following advertisements:—

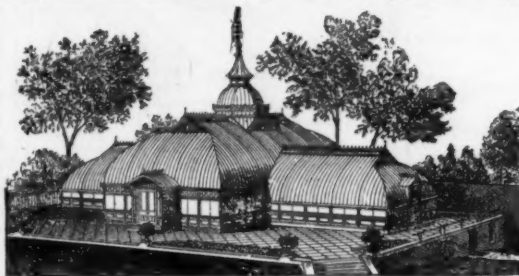
Allen's Portland Cement Works.
Atlas Cement Co.
Brooks & Co., T. H.
Folsom Snow Guard Co.
Ludlow Saylor Wire Co.
Northrop, Henry S.
Pitt, Wm. R.
Thiele, E.

ARCHITECTS' REMOVALS, Etc.

B. HAMMETT SEABURY, architect, Springfield, Mass., desires to announce that he has removed to his new offices Nos. 7, 8, 9, second floor Besse Building, Besse Place, 368 Main St. 1189

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(Architect's Removals Continued.)

THE firm of Brainerd & Holman, architects, of Chicago, Ill., has been dissolved by mutual consent. Mr. Henry K. Holman desires to announce that he has succeeded to all right and interest in the Chicago business of the late firm, with offices 1117-18 in the Young Men's Christian Association Building. 1189

WANTED.

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January 24, No. 787, 1891.
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May 2, " 801, "
June 13, " 807, "
October 3, " 823, "

Address American Architect, 211 Tremont St., Boston.

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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.]

611,235. SUPPLEMENTAL BLIND-LATCH.—Henry G. Cleveland, Newton, Mass.
611,246. SASH-LOCK.—George W. Golden, Detroit, Mich.
611,247. WEATHER-STRIP.—George W. Golden, Detroit, Mich.
611,285. COMBINED DOOR SPRING AND CHECK.—Adam Scheid and Carl Scheid, Harrison, N. J.
611,291. WINDOW-FASTENER.—Albyn A. Stebbins, Providence, R. I.
611,309. PORTABLE HOUSE.—Edward S. Young, Hartford, Conn.
611,332. ELEVATOR SAFETY ATTACHMENT.—Wm. C. Preston, Providence, R. I.
611,340. CLAMPING DEVICE FOR SUPPORTING DOORS, ETC.—Orison M. Smith, Duluth, Minn.
611,359. SYSTEM FOR HEATING AND VENTILATING HOUSES.—Wm. D. Dickson, Peoria, Ill.
611,366. FLOOR AND CEILING CONSTRUCTION.—Adolph Lund, Chicago, Ill.
611,365. DOOR-HANGER.—August Rochwite, Wautoma, Wis.
611,412. STEAM-GENERATOR.—Chas. H. Kenney, New London, Conn.
611,418-419. WALL, FLOOR, OR CEILING PLATE.—Wm. A. Russell, New York, N. Y.
611,435. TANK-VALVE-CONTROLLING MEANS.—Charles G. Miller, Hartford, Conn.
611,452. COLUMN-SHOE.—Jas. M. Hoover, Homestead, Pa.
611,468. ADJUSTABLE HINGE.—Chas. M. Elkins, Wakefield, Mass.
611,480. APPARATUS FOR VENTILATING.—John A. Hart, Blackburn, Eng.
611,514. TILE PARTITION, WALL, OR CEILING.—Jacob Schratwieser, New York, N. Y.

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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.

Allegheny, Pa.—A new church will be built by
the Eleventh United Presbyterian Society of which
Rev. Charles Wishart is pastor, at the corner of
Davis and California Aves.

Anderson, Ind.—Plans for alterations to St. John's
Hospital to cost \$10,000 have been prepared by P.
F. Jeckel, Post-office building.

Boston, Mass.—Chas. H. Dodge has been awarded
the contract to build the new protective station of
the Fire Department on Roxbury St. It is to be a
three-story brick building, 45' x 63'.

The Zion Church Society on N. Russell Street
contemplates building a new church at the South
End.

The contract for the erection of the high-school
building at East Boston has been awarded to Mead,
Mason & Co., at \$203,000; architect, John L. Faxon.

Bowling Green, Ky.—The State Street Baptist
Society, C. G. Fishback, pastor, contemplates re-
building its church.

Brooklyn, N. Y.—It is reported that the Lieder-
krans Society will erect a \$40,000 building.

The Medical Society of the County of Kings will
erect a new building on Bedford Ave., near Atlan-
tic Ave.

Buffalo, N. Y.—Frederick Mohr, architect, 265 E.
Utica St., has prepared plans for No. 16 school, to
cost \$65,000.

Camden, N. J.—Architects Rankin & Kellogg,
Philadelphia, Pa., have prepared plans for a large
five-story factory to be built here for Farr & Bailey.

Cascade, Ia.—A new \$20,000 church is con-
templated by the St. Martin's Catholic Society, Rev.
L. Roche, pastor.

Chicago, Ill.—Plans have been prepared by D. E.
& H. O. Postle, 1633-204 Dearborn St., for remodel-
ing a building for the Athletic Club for Women;
estimated cost, \$50,000.

Convent Station, N. J.—Report states that Schi-
ckel & Dittmars, 111 Fifth Ave., New York City,
have prepared plans for two brick and stone wings,
to be added to the convent at the above location.

Dayton, O.—Plans prepared by Elzner & Anderson
architects, Cincinnati, have been accepted for a
\$500,000 union railway depot.

Detroit, Mich.—Spitzley Bros., 83 Beacon St., have
received the contract for the Grand Army Memo-
rial Building, at \$41,105.

Dubuque, Ia.—Buechner & Jacobsen, architects,
St. Paul, Minn., have prepared plans for the new
Catholic Seminary. It is to be constructed of Bed-
ford stone and will cost \$250,000.

Eau Claire, Wis.—It is rumored that a large
cottage may be located in this city if the proper
incentives are offered.

Luzerne, Pa.—The County Commissioners have
decided to build the new County Court-house on
the site of the old one. It will cost from \$300,000

DOMESTIC WATER SUPPLY.

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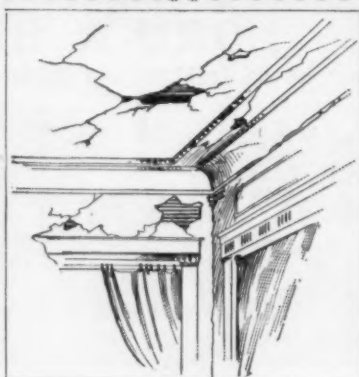
22 Cortlandt St., New York.

239 and 241 Franklin St., Boston.

86 Lake St., CHICAGO.

29 and 31 N. 7th St., PHILADELPHIA.

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(Advance Rumors Continued.)

to \$500,000. The work of razing the old building
will be started at once.

Marietta, O.—The matter of erecting a \$125,000
Court-house is said to be under consideration.

Mt. Vernon, N. Y.—A movement is now on foot
to call a special meeting of the taxpayers to discuss
a proposition to appropriate \$25,000 for a new
public library.

Newark, N. J.—The New York & New Jersey Tele-
phone Co. will erect a \$90,000 building.

Northampton, Mass.—The general contract for
erecting a new library building for Smith College
has been let to the Assurance Construction Co., 32
Broadway, New York City, to cost about \$60,000.
Architects, York & Sawyer, 156 Fifth Ave., New
York.

Omaha, Neb.—Geddes & Seerie have received the
contract for the Union Pacific Depot; estimated
cost, \$200,000.

Philadelphia, Pa.—J. E. & A. L. Pennock, 305
Walnut St., have been awarded contract by the
United Gas Improvement Co. for erecting a stable at
\$55,000. Wilson Bros. & Co., architects, Drexel
Building.

Architects Frank Miles Day & Bro., have been
selected to design a new and imposing front for the
Academy of the Fine Arts, at Broad and Cherry
Sts.

A syndicate which proposes erecting a theatre, to
be known as the Belmont, at Haverford and Lan-
caster Aves., has submitted plans to the Building
Bureau to ascertain the probable cost of the struc-
ture. The building has been designed by Architect

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

P. P. Elkinton, and the owners are named on the
plans as Broome & Bower. Architect John D.
Allen, about two weeks ago, took estimates for the
erection of the Lyric Theatre, also at Haverford
and Lancaster Aves. There is considerable specu-
lation in real-estate circles as to which of
the planned structures will be erected, and the much-
needed amusement building put up for West Phila-
delphians.

Sheldon, Ia.—Plans have been prepared for a \$10-
000 church for the Methodist Episcopal Society.

Springfield, Mass.—La France & La Riviere, 166
Main St., are stated to have received the contract
for the Walnut Street engine-house, at \$15,940.

Syracuse, N. Y.—Plans have been prepared by
Merritt O. Conway, architect, Dunfee Building, for
a new theatre to be built by John Dunfee. It will
be 40' x 130', three stories, of brick and stone con-
struction, composition roof, steel ceilings, and will
cost about \$30,000.

Washington, D. C.—Mrs. Jos. Beall will erect a
brick and stone residence at 2012 Massachusetts
Ave., after plans by Architect Glenn Brown. It
will be four stories, 50' x 68', with pressed brick and
stone front, slate and tin roof; cost, \$30,000.

White Plains, N. Y.—The citizens of the Chatter-
ton Hill School District have decided to erect a
\$12,000 school.

Wilkesbarre, Pa.—The County Commissioners
have decided to erect a \$500,000 Court-house.

Winsted, Conn.—Report states that plans have
been completed for a \$20,000 building for the Odd
Fellows Association.

ALTERATIONS AND ADDITIONS.

Princeton, N. J.—Alteration and addition to two-
story fr. dwell., 30' x 35', 20' x 20'; \$15,000; o., Law-
rence Hutton; a., W. E. Stone, 24 State St., New
York City.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Decatur St. and Howard Ave.,

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(Apartment-Houses Continued.)

4 four-st'y st. flats, 22' x 100' & 26' x 80'; \$38,000; o. & b., Henry Roth, 1058 Broadway; a., Henry Vollweiler.
Hancock St., cor. Stuyvesant Ave., 4 four-st'y bk., st. & terra cotta flats & stores, 22' x 100' & 26' x 80'; \$45,000; o., Henry Roth, 1058 Broadway; a., Henry Vollweiler.
Monroe St., nr. Stuyvesant Ave., four-st'y st. flats, 25' x 100'; \$10,000; o., Henry Roth; a., Henry Vollweiler.
Brooklyn Ave., nr. Dean St., 2 four-st'y & base. bk. flats, 20' x 44'; \$12,000; o., C. W. Swimm, 381 Hancock St.; a., Hugo Smith, 836 Broadway.
Chicago, Ill.—*Sheffield Ave.*, four-st'y bk. & st. flats, 46' x 80', flat roof, steam; \$12,000; a., Sidney Smith, 1686 N. Clark St.
Drexel Ave., Nos. 6356-58, four-st'y bk. flats, 42' x 50'; \$12,000; o., Howard N. Ogden; a., Morrison & Fuller; b., Snyder Bros.
Des Moines, Ia.—Two-st'y bk. flats, 36' x 40'; \$6,000; o., F. A. Bayliss; a., C. E. Eastman Co.; not let.
Detroit, Mich.—*Hancock Ave.*, four-st'y bk. apart., 50' x 90', flat roof, steam; \$30,000; o., Copeland H. Colwell, 118 W. Baltimore Ave.
New York, N. Y.—*One Hundred and Thirty-fourth St.*, nr. Park Ave., 3 five-st'y bk. & st. flats, 25' x 85'; \$60,000; o., Union Building Corporation; a., Stein, Cohen & Roth, 41 Union Sq.
Eighty-third St., nr. Boulevard, five-st'y bk. & st. flats, 25' x 85' 4"; \$18,000; o., John Knox McAfee, 335 W. 84th St.; a., James W. Cole.
German Pl., cor. 157th St., 4 four-st'y bk. & st. flats, 25' x 75' & 25' x 65'; \$85,000; o., Mrs. Mary Schafer, 640 Eagle Ave.; a., Edw. Wenz.
W. Central Park, nr. 94th St., seven-st'y bk. & st. apart., 50' x 100'; o., Wm. Call; e., R. F. Dodson & Co., 1133 Broadway; a., James E. Ware & Son, 3 W. 29th St.
One Hundred and Seventeenth St., nr. 5th Ave., 4 five-st'y bk. flats, 25' x 87' 6"; \$80,000; o., Emil Green, 182 E. 72d St.; a., Edw. Wenz.

CHURCHES.

Arcoia, Ind.—Bk. & st. church, 46' x 100', slate roof, furnace; \$7,000; o., St. Patrick's Church Society; a., C. R. Weatherhogg, Fort Wayne.
Milton, Mass.—*Randolph Ave.*, granite church with seating capacity for 200 persons; \$10,000; o., St. Michael's Church Society; a., W. R. Emerson, Boston.
St. Paul, Minn.—*Rice St.*, nr. Fuller St., one-st'y fr. church, 42' x 85', pitch roof, hot air; \$5,100; o., Swedish Baptist Society; b., Olof S. Rolph; a., Buechner & Jacobsen.

EDUCATIONAL.

Boston, Mass.—*Baker St.*, cor. Gardner St., Ward 23, bk. school, 76' x 82' x 88', pitch roof, steam; \$50,000; o., School Board; b., G. M. Pratt, East Weymouth; a., Bacon & Hill, 27 School St.

FACTORIES.

Milwaukee, Wis.—*Virginia St.*, six-st'y bk. tannery, 64' x 120'; \$20,000; o., Pfister & Vogel Leather Co.; b., A. Kroening & Son, masons; Stollenwerk & Weber, carpenters; a., C. F. Ringier.

HOSPITALS.

Oberlin, O.—*E. College and N. Crosby Sts.*, 2½-st'y bk. & st. Children's Home, 46' x 94', slate roof, steam; \$30,000; o., County Commissioners, Loraine Co.; a., Lehman & Schmitt, Hickox Building, Cleveland.

HOTELS.

Tuscola, Ill.—*Main and Sale Sts.*, three-st'y bk. hotel, 70' x 120', tin roof, steam; \$18,000; o., C. F. Whittaker; a., R. Z. Gill, Urbana.

HOUSES.

Babylon, L. I., N. Y.—Two-st'y fr. dwell.; \$7,000; o., W. D. Nichols; a., I. H. Greene, Sayville.

BUILDING INTELLIGENCE.

(Houses Continued.)

Boston, Mass.—*Kenwood Road*, nr. Huntington Ave., Ward 19, two 2½-st'y fr. dwells., 28' x 57' & 28' x 51', furnace; \$12,000; o. & b., J. C. Spillane, on premises.
Westbourne St., nr. Beech St., Ward 23, 2½-st'y fr. dwell., 30' x 34', gambrel roof, furnace; \$4,500; o., Horsford, Williams & Paine; b., Willis Bros.
Wentworth St., nr. Norfolk St., Ward 24, three-st'y fr. dwell., 26' x 47', stoves; \$4,000; o. & b., W. E. Littlefield, Stoneham.
Prince St., No. 114, Ward 6, three-st'y bk. store & dwell., 23' x 40', flat roof, stoves; \$8,000; o., Sam'l Chanin, 27 School St.
Walk Hill St., No. 641, 2½-st'y fr. dwell., 25' x 55', pitch roof, furnace; \$5,000; o. & b., J. B. Mulvey, 653 Walk Hill St.
Oak Sq. Ave., Ward 25, 4 two-st'y fr. dwells., 24' x 27' x 33', pitch roofs, furnaces; \$16,000; o. & b., Chas. B. Collar, 128 Berkeley St.
Romsey St., No. 20, Ward 20, three-st'y fr. dwell., 23' x 27' x 50', flat roof, steam; \$5,000; o., W. A. Smith; a., P. A. Tracy, 923 Dorchester Ave.
E. Eighth St., No. 332, Ward 15, three-st'y fr. dwell., 23' x 46', flat roof, stoves; \$4,000; o. & b., Howard Bros., 412 Dorchester Ave.
Darling St., cor. Calumet St., Ward 19, three-st'y fr. dwell., 27' x 45', flat roof, stoves; \$5,000; o., Ellen O'Leary; b., John Lane.
McLellan St., nr. Blue Hill Ave., Ward 20, 3 two-st'y fr. dwells., 25' x 54', pitch roofs, hot water; \$18,000; o. & b., Wm. Donaldson, 4 Woodbine St.
Elmo St., Nos. 33-35, Ward 20, 2 three-st'y fr. dwells., 22' x 48', flat roof, stoves; \$8,000; o. & b., Thomas S. Babineau, 37 Ridgeway St.
Elmo St., Nos. 37-39, Ward 20, 2 three-st'y fr. dwells., 22' x 48', flat roofs, stoves; \$8,000; o. & b., John McDowell, 66 Pacific St., Lynn.
Walcott St., nr. Columbia Road, Ward 25, two-st'y fr. dwell., 26' x 46', pitch roof, furnace; \$5,500; o., George S. Webster, 8 Herald Building; b., John P. Saunders.
Wyoming St., cor. Wabeno St., Ward 21, three-st'y fr. dwell., 40' x 56', flat roof, hot water; \$10,000; o., Levy Herman; b., Decker Bros.; a., John A. Hasty.
Everett St., cor. Webster St., Ward 25, two-st'y fr. dwell., 32' x 32', pitch roof, furnace; \$5,000; o. & b., M. F. McGovern, 10 Linden St., Dorchester.
Anacost Ave., nr. Allen St., Ward 23, two-st'y fr. dwell., 35' x 42', hot water; \$4,500; o., J. L. & A. P. Weinling.
Cleveland Pl., No. 16, Ward 6, four-st'y bk. dwell., 22' x 13', flat roof, stoves; \$6,000; o. & b., I. & P. Silberstein.
Hunneeman and Fellows Sts., Ward 17, 7 three-st'y bk. dwells., 20' x 40', flat roofs, stoves; \$45,000; o., John McWeeney; b., T. L. Connolly, 51 Mt. Pleasant Ave.
Corey Road, Ward 25, two-st'y fr. dwell., 30' x 43', pitch roof, furnace; \$5,000; o., E. J. Barker; a., Austin & Brigham.
Charlotte St., No. 40, 2½-st'y fr. dwell., 28' x 36', pitch roof, furnace; \$5,000; o., A. C. C. Hill, 145 Glenway; b., D. J. McKay.
Brooklyn, N. Y.—*Rutland Road*, nr. Bedford Ave., 5 three-st'y & base. bk. dwells., 20' x 45', flat roofs, hot air; \$30,000; o. & b., John C. Sawkins, 81 Church Ave.
Forty-third St., nr. 4th Ave., 5 three-st'y bk. dwells., 20' x 45', flat roofs, hot air; \$20,000; o. & b., Geo. J. Bryant, 187 Van Buren St.
Pierrepont St., nr. Hicks St., 5 four-st'y & base. bk. dwells., 20' x 49', slate roofs; \$125,000; o., Andrews, Bowman & Miller; a., D. W. King, New York City.
W. Prospect Park, cor. Carroll St., two 3½-st'y bk. dwells., 25' x 58' 6", tile roof; \$45,000; o., Samuel Goodsheim, 161 Underhill Ave.; b., T. B. Rutan; a., Montrose W. Morris, New York City.
East Hampton, L. I., N. Y.—2½-st'y fr. dwell.; \$5,000; o., W. M. Carson, 71 South St., New York City; a., Lineau & Nash, New York City.

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(Houses Continued.)

Fitchburg, Mass.—*Prospect St.*, No. 100, 2½-st'y fr. dwell., pitch roof, furnace; \$10,000; o., George P. Grant; a., O. A. Thayer, Boston.
Germantown, Pa.—*Carpenter St.*, nr. Quincey St., three-st'y st. dwell., 43' x 54' 6"; \$15,000; o., Wm. C. Peters; b., C. R. Kohn & Bro.
Jersey City, N. J.—*Bently Ave.*, nr. Boulevard, 2½-st'y fr. dwell., 29' x 52'; \$5,500; o., Mrs. F. W. Flaacke; a., Wm. H. Wolf.

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(Houses Continued.)

Bergen Ave. and Welsh's Lane, 24-st'y fr. dwell.,
27' x 52'; \$6,000; o., Daniel McNaughton; a., Hugh
Roberts.

Lynchburg, Va.—Three-st'y bk., st. & terra-cotta
dwell., 60' x 100', slate roof; \$15,000; o., A. H. Bur-
roughs; b., W. B. Snead & Co.

Maplewood, N. J.—24-st'y fr. dwell., 20' 6" x 35';
\$5,000; o., Wm. H. Benjamin; a., W. C. Dickerson,
New York City.

Metuchen, N. J.—24-st'y fr. dwell., 25' x 40'; \$5,000;
o., W. O. Orton; a., R. M. Scholl, 156 Fifth Ave.,
New York City.

Montclair, N. J.—Erwin Park, 24-st'y fr. dwell., 35'
x 39'; \$6,000; o., Harrison Corporation; a., E. R.
North.

Newark, N. J.—Detroit Ave., nr. Cottage St., 24-
st'y fr. dwell.; \$5,000; o., Julius Starzmann; a., H.
C. Klemm.

S. Sixth St., two-st'y fr. dwell., 30' x 48'; \$6,000;
o., Joseph Wertheim; a., A. Peter.

Newton, Mass.—Plainfield St., two-st'y fr. dwell.,
36' x 36', pitch roof, furnace; \$5,000; o., W. N. T.
Knot; b., J. L. Stewart.

Chester Road, 24-st'y fr. dwell., 39' x 44', fur-
nace; \$8,000; o., Mrs. W. U. Packard; b., Frank H.
McDonald.

New York, N. Y.—Riverside Drive, cor. 87th St.,
44-st'y bk. dwell., 26' 8" x 9'; \$60,000; o., G. Piel,
333 W. 76th St.; a., Hubert Dresser, 2 Stone St.

W. Seventieth St., Nos. 329-339, 6 four-st'y bk.
dwell., 15' x 50'; \$56,000; o., W. E. Thompson, 327
W. 70th St.; a., J. W. Davison.

One Hundred and Forty-seventh St., nr. St. Nicho-
las Ave., 2 three-st'y & base bk. dwell., 19' x 52';
\$30,000; o., Fox & Co., 258 Broadway; a., Henri
Fouchaux, 11th Ave. & 162d St.

One Hundred and Eightieth St., nr. Webster Ave.,
2 three-st'y fr. dwell., 19' 10" x 56'; \$10,000; o.,
Frank W. Wileos, 693 E. 179th St.; a., W. C.
Dickerson.

Oshkosh, Wis.—Algoma St., 24-st'y fr. dwell., 35' x
49', shingle roof, hot water; \$6,000; o., W. T. Wag-
staff; a., Wm. C. Klapproth.

Paterson, N. J.—Market and Carroll Sts., three-
st'y bk. & st. rectory; \$13,000; o., St. Joseph's R. C.
Church; a., Chas. Edwards.

Philadelphia, Pa.—York St., nr. 25th St., 6 two-st'y
bk. & brownst. dwell., each 15' 9" x 38'; o. & b.,
Louis Paul.

Haverford Ave., nr. 31st St., 5 three-st'y bk.
dwell., each 16' x 50'; o., Thos. Kincaid; a., Louis
Lambrecht.

Sixty-ninth Ave., nr. 10th St., Oak Lane, 4 three-
st'y st. dwell., 28' x 40', flat roofs; \$16,000; o. &
b., J. R. White.

Morris St., cor. Rittenhouse St., 4 three-st'y bk.
& st. dwell., 16' x 43'; o. & b., Arthur M. Greene,
Jr.

H St., w Kensington Pike, three-st'y bk. dwell.,
33' 8" x 45' 2"; o., Job Tansey; b., Joseph Ashly.

Walnut St., nr. 38th St., 2 four-st'y bk. dwell.,
20' 6" x 78' each; total cost, \$30,000; o. & b., Henry
N. Brown.

Riverhead, L. I., N. Y.—24-st'y fr. dwell.; \$7,000;
o., Wm. E. Duval; a., George Skidmore.

St. Louis, Mo.—Athlone and Florissant Aves., two-
st'y bk. dwell., 26' x 34', slate roof, furnace; \$4,500;
o., F. Wiersmeyer; a., O. J. Boehmer, 418 Olive St.

Twentieth and Palm Sts., 24-st'y bk. dwell., 29' x
45', slate roof, furnace; \$6,500; o., H. C. Hau-
mueller; a., Chas. F. May.

Fairmount Ave., nr. Union Ave., 6 two-st'y bk.
dwell. in one block, 58' x 132', comp. roof, hot
water; \$24,000; o., Samuel D. Roser, 813 Chestnut
Ave.; a., F. C. Fiske, Cedar Rapids, Ia.

Toledo, O.—Parkwood Ave., 24-st'y st. & fr. dwell.,
40' x 50', shingle roof, hot water; \$8,000; o., A. M.
Woolson; a., Bacon & Huber.

Washington, D. C.—New Hampshire Ave., No. 1135,
three-st'y bk. & st. dwell., 18' x 37', flat roof, hot
water; \$6,500; o. & b., John Nierendorf.

Westbury, L. I., N. Y.—24-st'y bk. & stucco dwell.,
52' x 90'; o., Foxhall Keene; a., Geo. A. Freeman,
27 E. 20th St., New York City.

BUILDING INTELLIGENCE.

MERCANTILE BUILDINGS.

Indianapolis, Ind.—Five-st'y bk. fireproof build-
ing, 36' x 66'; \$25,000; o., Levy Bros. & Co.; a., Thos.
A. Winterowd, Lombard Building; not let.

Philadelphia, Pa.—Race St., Nos. 1017-19, four-
st'y bk. store-building, 36' x 87'; \$10,000; o., Morris
Dannenbaum; b., Chas. P. Nesbitt.

OFFICE-BUILDINGS.

Chattanooga, Tenn.—Georgia Ave. and Tenth St.,
three-st'y st. & bk. building, 25' x 80', slate roof,
steam heat; o., News Co.; a., R. H. Hunt, 8th &
Broad Sts.

New York, N. Y.—Third Ave., Willis Ave. and One
Hundred and Forty-eighth St., four-st'y bk. fire-
proof office-building; \$28,000; o., W. F. & C. H.
Smith, 149th St. & 3d Ave.

Philadelphia, Pa.—Chestnut St., No. 1533, four-
st'y bk. & granite office-building, 18' 6" x 108' 2",
steel columns; o., Herman E. Bonechur; a., Addi-
son Hutton; not let.

Chestnut St., Nos. 1419-21, three-st'y bk. & st.
office-building, 33' x 90' 11"; \$12,200; o., Ida Silber-
man; b., Charles Auchter.

STABLES.

Brooklyn, N. Y.—Seventy-fourth St., nr. 2d Ave.,
14-st'y fr. stable, 24' x 49', shingle roof; \$2,400; o.,
P. S. Bogert, 74th St. & 2d Ave.; a., Parfit Bros.

Lawrence St., nr. Johnson St., three-st'y bk.
stable, 25' x 47', flat roof; \$2,100; o., L. Arensburg
& Co., 143 Myrtle Ave.; b., E. F. Burwell.

N. Seventh St., nr. Wythe Ave., one-st'y fr. stable,
14' x 25'; \$325; o., J. F. Vest, 126 Berry St.; b., H.
Wolbeck.

Philadelphia, Pa.—York Road, ab. Haines St.,
two-st'y bk. stable, 16' 8" x 33'; o. & b., Christopher
Haber.

Brooklyn St., No. 762, two-st'y bk. stable, 45' x
56'; o., Dr. Chas. M. Cullen; b., John T. Willis.

Ninth and Diamond Sts., three-st'y bk. stable,
58' x 162' 7"; \$55,000; o., United Gas Improvement
Co.; c., J. E. & A. L. Pennock.

Master St., nr. 23d St., two-st'y bk. stable &
wagon-house, 88' x 116'; \$20,000; o., Chas. & Wm.
Freihof; b., Philip Halbach.

Chestnut Hill, two-st'y st. stable, 24' x 48'; o.,
Sisters of St. Joseph; b., W. J. McShane.

Marshall St., nr. Venango St., one-st'y bk. stable,
12' x 42'; o. & b., W. E. Ferguson.

Washington, D. C.—Massachusetts Ave., rear No.
1326, two-st'y bk. stable, 27' x 40', all modern con-
veniences; o., W. S. Jackson; a., Appleton P.
Clark.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Sixteenth St., nr. 3d Ave., 2 three-
st'y & base bk. flats, 27' 6" x 65'; \$20,000; o. & b.,
Edw. F. Day, 1290 Third Ave.; a., Thos. Bennett.

New York, N. Y.—One Hundredth St., nr. Madison
Ave., 2 five-st'y bk. & st. flats, 25' x 88'; \$50,000; o.,
Isaac Meyer, 69 E. 107th St.; a., John Hauser.

Stanton St., No. 122, six-st'y bk. flats & stores, 25'
x 61'; \$20,000; o., Jacob Fischel, 197 Henry St.; a.,
Horenburger & Straub, 122 Bowery.

Rivington St., No. 165, six-st'y bk. flats & stores,
25' x 62'; \$25,000; o., Jacob Fischel; a., Horenburger
& Straub.

Pitts St., No. 125, six-st'y bk. flats & store, 25' x
87' 3"; \$25,000; o., Isador Miskind, 214 Rivington
St.; a., M. Bernstein, 145 Centre St.

Gouverneur St., No. 28, six-st'y bk. flats & store,
24' x 71' 6"; \$18,000; o., Simon Jacobs; a., Horen-
burger & Straub.

Monroe St., No. 55, six-st'y bk. flats & store, 25'
x 85' 6"; \$25,000; o., Leopold Kaufman; a., Schneider
& Herter, 46 Bible House.

Paterson, N. J.—Goodwin St., nr. Washington St.,
four-st'y bk. flats, 26' x 65'; \$7,000; o., E. I. Marcus;
a., Chas. E. Sleight.

THEATRES AND HALLS.

New York, N. Y.—Westchester Ave., cor. Brook
Ave., three-st'y bk. & st. & terra-cotta music-hall;
\$50,000; o., Max Hart, 35 Nassau St.; a., Schneider
& Herter.

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New York, N. Y.—Canal St., No. 243, six-st'y &
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PROPOSALS.

SCHOOL-HOUSE.

[At New Brunswick, N. J.]

The Board of Education have decided to modify
plans and to again receive bids October 11 for the
French Street School. Estimated cost, \$25,000.
HENRY L. JANEWAY, JR., Secretary Building
Committee. 1189

MARKET-HOUSE.

[At San Antonio, Tex.]

Bids will be received about November 1 for a
\$40,000 market-house. Separate bids for cold-storage
rooms will be received. Address ALFRED GILES,
architect, San Antonio. 1191

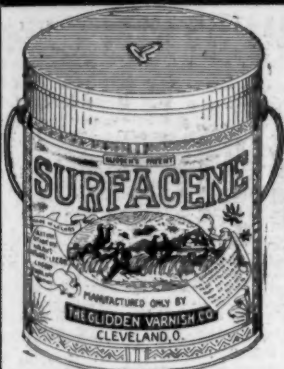
HEATING AND VENTILATING.

[At York, Pa.]

Bids are wanted October 20 for a steam-heating,
mechanical ventilating and power plant in the County
Court-house. 1190

Treasury Department, Office Supervising Architect,
Washington, D. C., September 29, 1898. Sealed pro-
posals will be received at this office until 2 o'clock P.
M. on the 27th day of October, 1898, and then opened,
for the construction (except heating apparatus and
electric-wire conduits) of the United States Post-
office, Custom-house, etc., building at Camden, N.
J., in accordance with the drawing and specification,
copies of which may be had on application at this
office or the office of Rankin & Kellogg, 1024 Walnut
St., Philadelphia, Pa. JAMES KNOX TAYLOR,
Supervising Architect. 1190

Treasury Department, Office Supervising Architect,
Washington, D. C., September 24, 1898. Sealed pro-
posals will be received at this office until 2 o'clock P.
M. on the 21st day of October, 1898, and then opened,
for the completion of the interior finish, plumbing
and approaches of the United States Post-office, Col-
umbus, Ga., in accordance with specification, copies
of which may be had at this office or the office of
the Custodian at Columbus, Ga. JAMES KNOX
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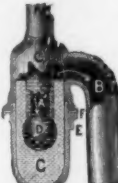
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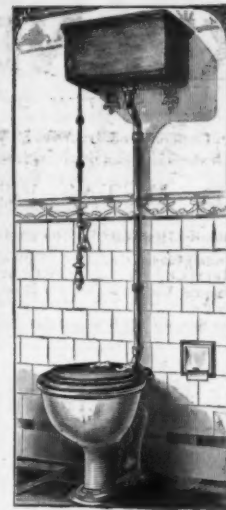
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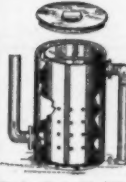
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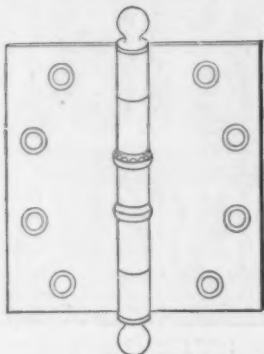
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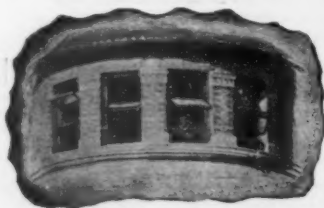
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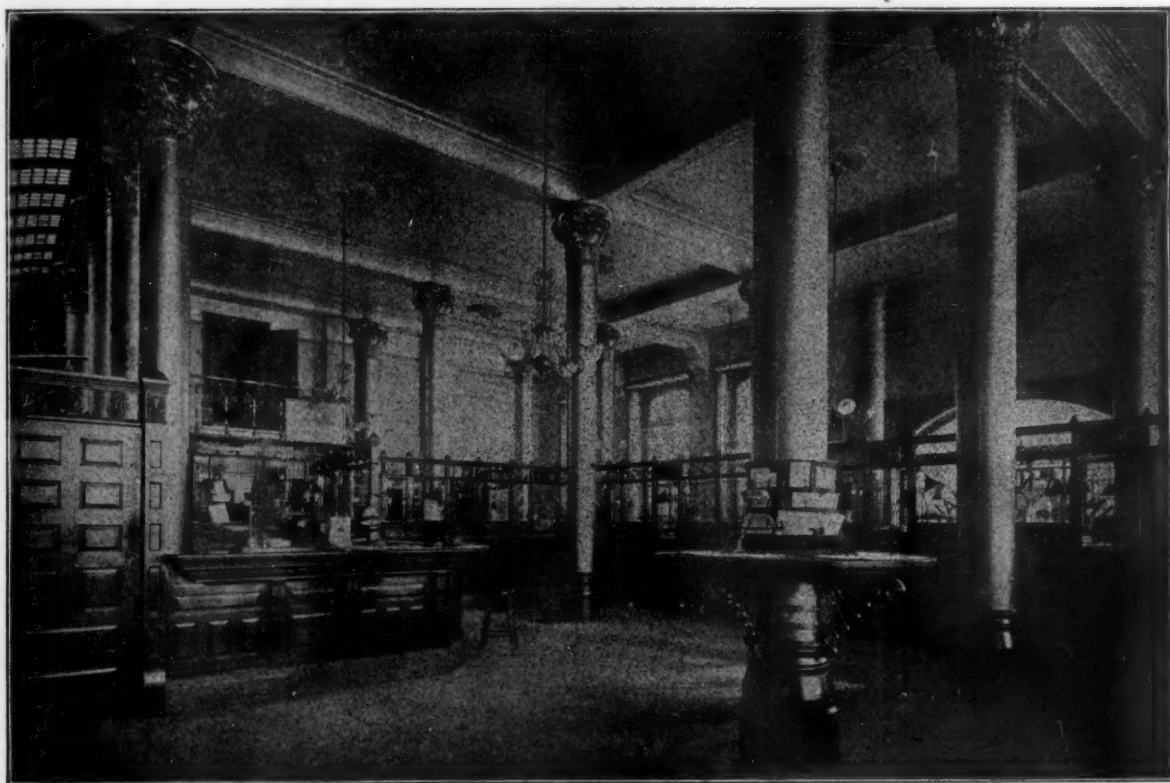
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Carlisle, English.....	@ 1 05		@ 1 05	55 @ 65
Corse Hill (Scotch).....	@ 1 05		@ 1 05	
Granite: (Maine)			80 @ 1 50	
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond
Lemont.....			@	P 75 @ 1 50
Serpentine.....		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)			cub. ft.	1 in. th. 10 @ 25
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (P cu. ft.)				
Leo, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Kutland, 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 80
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.....	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war, unfading	8 00 @	8 00 @	9" 8c. per ft.	5 76 @ 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.....	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	12 00 @ 16 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	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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	13 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	12 00 @ 16 00	12 00 @ 15 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	1 65 @ 1 75	1 80 @ 2 15	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, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 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 @ 30 00	5 00 @ 6 00	@	

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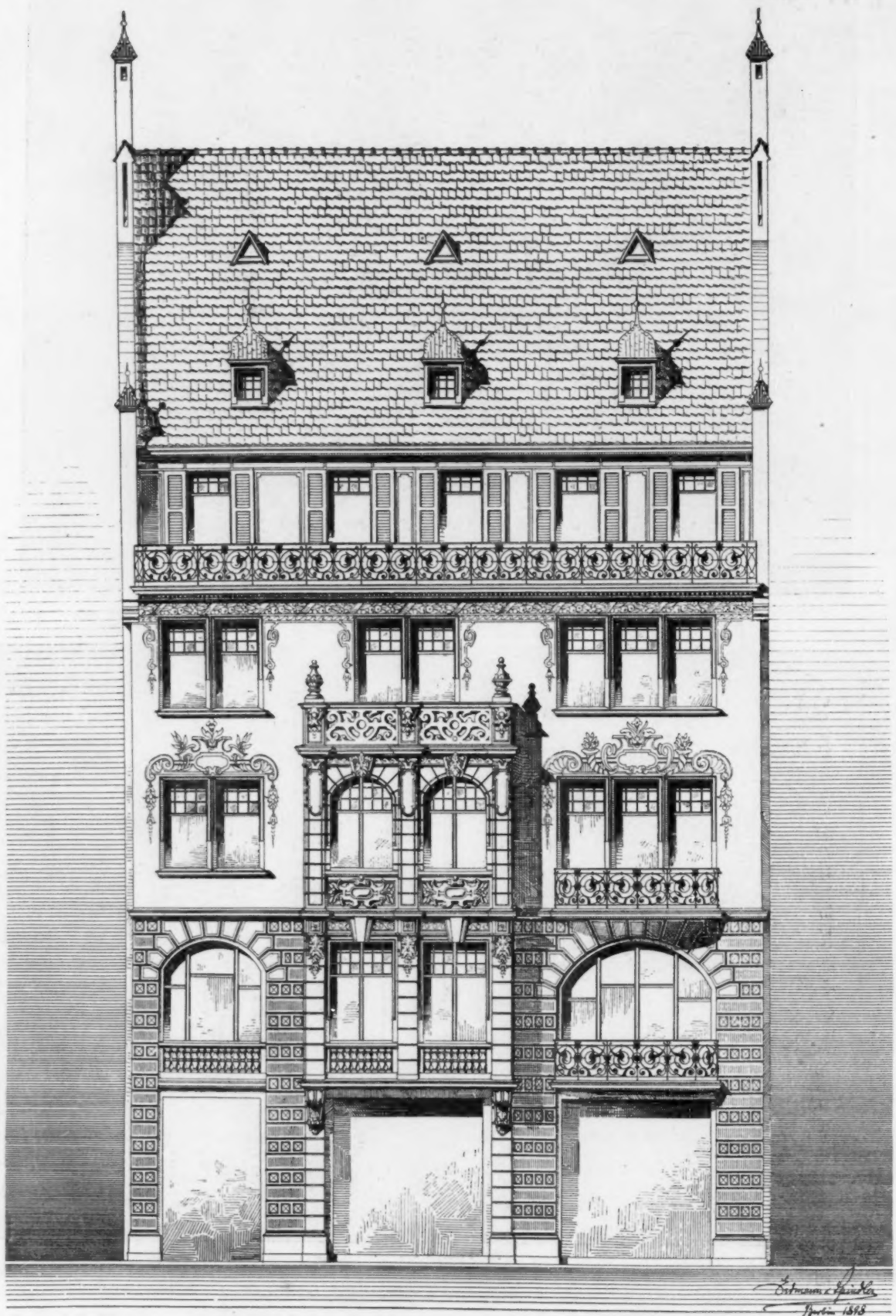
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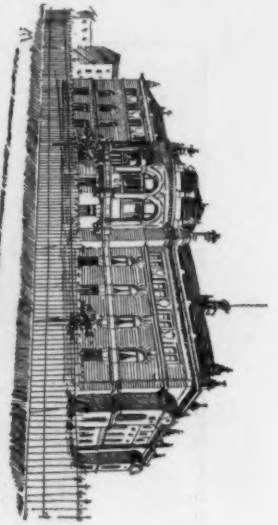
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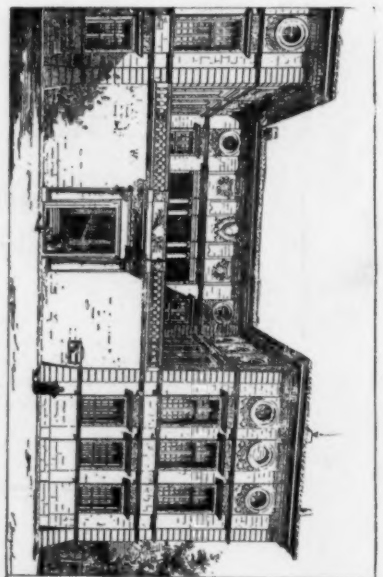
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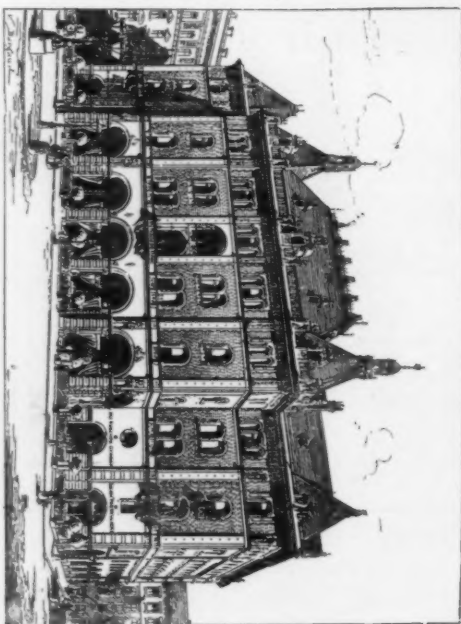
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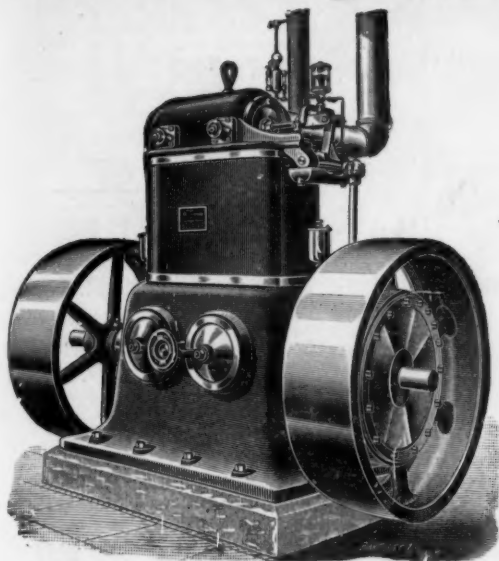


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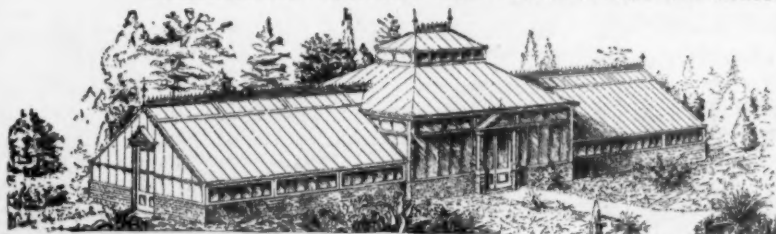
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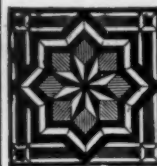
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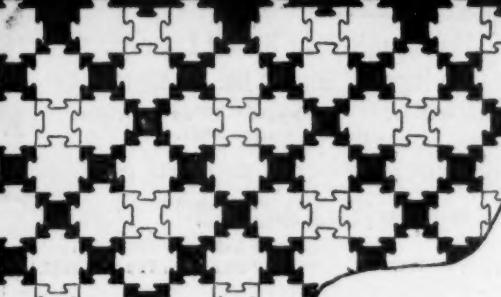
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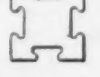
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new Mining and Engineering School to cost \$50,000.
Work will be commenced this fall. W. J. Holland,
Chancellor.

Amityville, L. I., N. Y.—Quinby & Broome, of 99
Nassau St., New York City, are preparing plans
for a three-story frame hotel, 35' x 55', to be built
at an estimated cost of \$15,000, for E. Hathaway.

Athens, O.—C. L. Poston is about to build a \$12,000
brick and stone residence from plans by Yost &
Packard, Columbus.

Ballston Spa, N. Y.—Plans for the new high-school
building are being prepared by F. R. Comstock, 98
Fifth Ave., New York City, who will have charge
of the work throughout.

Bath, Me.—Wm. Hartwell has been awarded the
contract for erecting a new church-building, to
cost between \$10,000 and \$13,000, J. G. Crosby,
pastor.

Bellefonte, Pa.—T. P. Reitmayer, of Williamsport,
has completed plans for a brick and marble resi-
dence for Governor Hastings to be erected here.

Buffalo, N. Y.—Esenwein & Johnson have com-
pleted plans for a \$50,000 building to be erected on
Seneca St. for J. W. Linnehan.

Cambridge, Mass.—The Boston Bridge Works
Corporation will probably rebuild their plant, which
was destroyed by fire some time ago, but the loca-
tion is not decided on as, owing to some restrictions,
in the building ordinance the old site may not be
used. They own also a tract of about 11 acres at
Clematis Brook on the Fitchburg R. R.

Camden, N. J.—Report states that Wm. Day has
been awarded the contract for the High and Manual
Training School, at \$52,500.

Canal Dover, O.—David King, Superintendent of
the Street Railway, is reported to have in contem-
plation the erection of a \$40,000 hotel.

Charleston, Ill.—Goring & McLean, of Mattoon,
have received the contract for the Court-house, at
\$85,727.

Chicago, Ill.—Plans for an 18-flat apartment-house,
80' x 120', costing \$28,000, are being made by H. J.
McMullen, 1680 W. 12th St.

H. Lewinson will build a \$15,000 brick and stone
residence on Deming St., near Lincoln Park, from
plans by Fritz Foltz, 58 Wabash Ave.

Harvey L. Page & Co., Association Building,
have prepared plans for an apartment-house to be
erected in the suburbs. It is to be four stories,
brick construction, 60' x 110', terra-cotta trimmings,
with comp. roof and steam heat; cost, \$27,400.

Greensburg, Ind.—C. A. Wallingford, Hartford
Block, Indianapolis, has prepared plans for the
Knights of Pythias Building. The plans call for a
three-story brick structure, 50' x 100', costing \$8,000.

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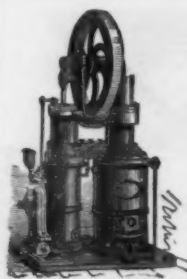
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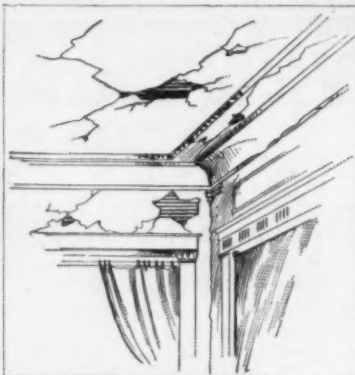
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(Advance Rumors Continued.)

Grinnell, Ia.—It is reported that a \$15,000 gymna-
sium is to be erected for the Iowa College.

Harvey, Ill.—The F. C. Austin Mfg. Co. will add two
buildings, each 100' x 360', and costing \$20,000, to
their present plant.

Indianapolis, Ind.—T. A. Winterrowd, Lombard
Building, is preparing plans for a five-story apart-
ment-house. To be 97' x 100', of brick, with comp.
roof and steam heat; cost, \$35,000; owner, R. R.
Shiels.

Lorain, O.—The Gehring Brewing Co. are to build
a \$15,000 club-house near the Lorain & Cleveland
power-house.

Louisville, Ky.—The St. Boniface Catholic congre-
gation has had plans prepared for a new structure,
to cost \$75,000.

Lynchburg, Va.—A new high-school building to
cost \$30,000 is to be erected on Court St. It will
be three stories high, constructed of brick and heated
by steam.

Mattoon, Ill.—The managers of the Illinois Central
and Big Four Railways have decided to build a new
union depot here, at the crossing of these roads, to
cost between \$40,000 and \$50,000.

Monaca, Pa.—J. A. Snyder, Beaver Falls, has pre-
pared plans for a \$10,000 brick and stone hotel;
\$10,000; owner, P. E. Koehlin.

Mt. Vernon, N. Y.—The Italians of Mt. Vernon
are raising a fund to erect a new church to cost
\$50,000. A large lot at the corner of 1st St and 10th
Ave. has been purchased, on which it is proposed
to erect the edifice.

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BOSTON.**

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Mt. Washington, Mass.—Ludlow & Valentine,
New York City, have prepared plans for a bungalow
and stable for Wm. Macnaughton.

North Cambridge, Mass.—Sullivan Niles will build
a \$15,000 frame residence on Whittier St., near
Walden St. It is to be two stories, 36' x 76'.

Owosso, Mich.—L. E. Woodward has decided to
rebuild his furniture manufacturing plant at a cost
of about \$100,000, to replace the one lately destroyed
by fire.

Overbrook, Pa.—Competitive plans have been sub-
mitted to the Building Committee of St. Paul's
Episcopal Church for a new edifice which it is pro-
posed to erect for the congregation.

Rondout, N. Y.—A. C. Longyear, 126 Liberty St.,
New York City, is preparing plans for the altera-
tions and additions to the First National Bank
Building, to cost about \$12,000.

Savannah, Ga.—The Georgia & Alabama Terminal
Company propose expending \$1,000,000 in building
railroad terminals on Hutchinson's Island, opposite
this city, with reference to making it an Atlantic
outlet for Western products.

Seranton, Pa.—F. R. Comstock, 98 Fifth Ave., New
York City, has completed plans for a stone resi-
dence for L. A. Watres; also for three cottages, a
large stable and a boiler-house for the same party.

Springfield, Mo.—It is reported that the St. Louis
& San Francisco Ry. Co. proposes to build a \$40,000
hospital if a site is donated. L. D. Burton, Div.
Supt.

Spring Lake, N. J.—Plans have been prepared by
Ludlow & Valentine, New York City, for a two-and-
one-half-story frame dwell., 33' x 60', and wing, 10'
x 25', for P. D. Worrall.

Plans have been prepared by Ludlow & Valentine,
New York City, for a one-and-one-half-story frame
stable for P. D. Worrall.

St. Louis, Mo.—Barnett, Haynes & Barnett, Insur-
ance Exchange Building, have prepared plans for
a three-story theatre and amusement building, 100'
x 120', of brick and stone construction with compa-
sation roof, to be built by the St. Louis Realty &
Amusement Co.; cost about \$150,000.

Waterbury, Conn.—Plans are about completed for
a new 12-room brick school-building to cost \$40,000,
architect, Theodore B. Peck.

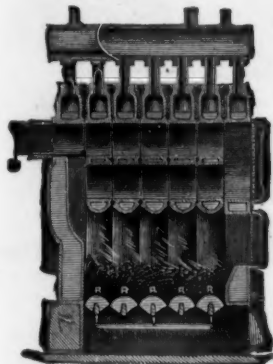
Webster, Mass.—Frank A. Upham has been awarded
the contract for a school at \$14,422.

Youngstown, O.—The Brown-Bonell Iron Co.
have decided to expend \$150,000 in the erection of
additions to their present plant.



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BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

New York, N. Y.—One Hundred and Forty-seventh St., nr. Willis Ave., five-st'y bk. st. & terra-cotta flats & stores, 25' x 80'; \$20,000; o., John Madden; a., Harry T. Howell, 748 E. 138th St.
Fifth Ave., nr. 119th St., 3 bk. & st. flats with stores, 26' x 86' & 21' x 50'; \$65,000; o., Wm. H. Hall; a., Neville & Bagge, 217 W. 125th St.
Ninety-first St., nr. W. Central Park, six-st'y & base. bk. & st. apart., 37' x 88'; \$90,000; o., Tiechmann & Potter, 51 Broadway; a., Geo. F. Pelham.
One Hundred and Twenty-fifth St., nr. Amsterdam Ave., 3 five-st'y bk. & st. flats, 27' x 81'; \$54,000; o., Max Hart, 35 Nassau St.; a., Schneider & Herter.
Third Ave., nr. 171st St., 4 four-st'y bk. flats; \$80,000; o. & b., Emil Goldner, 5 Teasdale Pl.; a., Rudolph Werner.
Fifty-fourth St., nr. Lexington Ave., 4 five-st'y bk. flats, 31' x 86'; \$175,000; o. & b., Frank W. Herter, 3 Union Sq.
One Hundred and Thirty-eighth St., nr. Alexander Ave., five-st'y bk. flats, 25' x 85'; \$22,000; o., Abraham Solomon, 74 Stanton St.; a., Geo. F. Pelham, 503 Fifth Ave.
One Hundred and Fifty-sixth St., s.e. cor. Forest Ave. to s.w. cor. Jackson Ave., 3 four-st'y bk. flats, two 27' x 57', six 20' x 47'; \$84,000; o., Christina Henderson, 233 W. 134th St.; a., W. C. Dickerson, 149th St. & 3d Ave.
Fifth Ave., cor. 117th St., five-st'y bk. store & flat, 25' x 105'; \$35,000; o., Wm. Drought, 216 W. 104th St.; a., Neville & Bagge, 217 W. 125th St.
One Hundred and Eighteenth St., nr. 5th Ave., 4 five-st'y bk. flats, 25' x 85'; \$26,000 each; o., Babette Blumenthal, 1810 Third Ave.; a., Rudolph Werner, cor. 171st St. & 3d Ave.
One Hundred and Sixteenth St., Nos. 237 to 245, W., 5 six-st'y bk. stores & flats, 40' x 90'; \$40,000 each; o., E. W. Wagner, 1125 Broadway; a., Flemer & Koehler, 1 Broadway.
One Hundred and Ninth St., nr. 5th Ave., five-st'y bk. flat, 25' x 85' x 87'; \$24,000; o., Lewis Z. Bach, 75 E. 81st St.; a., G. F. Pelham, 503 Fifth Ave.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

One Hundredth St., nr. Madison Ave., 2 five-st'y bk. flats, 25' x 86'; \$25,000 each; o., Isaac Mayer, 69 E. 107th St.; a., Jno. Hauser, 1441 Third Ave.
CHURCHES.
Bowling Green, Ky.—One-st'y bk. church, 80' x 99'; \$8,000; o., State St. Baptist Church; a., C. M. Fleenor.
Cleveland, O.—Superior St., 1½-st'y fr. & steel church, 68' x 166', with towers, 170' high, slate roof, steam; \$60,000; o., address Rev. Frank Metternich; a., Fugman & Ulrich, 89 Euclid Ave.
EDUCATIONAL.
Aurora, Ill.—High and Mountain Sts., two-st'y bk. school, 32' x 75', shingle roof, hot air; \$7,000; o., Board of Education; genl. c., Jas. G. Ralph, Chicago; a., W. A. Otis, 175 Dearborn St., Chicago.
Cincinnati, O.—Two-st'y & base. bk. annex, irregular dimensions, slate roof, steam heat; \$60,000; o., Univ. of Cincinnati, donor Briggs Cunningham; a., Samuel Hanaford & Sons, 6th & Vine Sts.; not let.
Ellendale, N. D.—Two-st'y bk. & st. Industrial school, 55' x 65', shingle roof, steam; \$9,000; o., State of North Dakota; a., E. W. Van Meter, Aberdeen, S. D.
FACTORIES.
Cambridge, Mass.—Albany St., nr. Massachusetts Ave., one & two-st'y bk. building, 78' x 89'; o., Lamb & Ritchie; b., L. P. Soule & Son.
New Orange, N. J.—Two-st'y bk. mill, 44' x 172', for silk manufacture; \$15,000; o., Reliable Silk Mfg. Co., Port Jervis; a., Otis Dockstader, 71 Broadway, New York City.
HOTELS.
St. Joseph, Huron Co., Ont.—Three-st'y bk. hotel, 261' x 320', comp. roof, o. Contain; a., J. G. McLean.



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HOUSES.

Boston, Mass.—Ellenwood St., nr. Heath St., Ward 19, 2 three-st'y fr. dwells., 25' x 50', flat roofs, stores; \$6,000; o. & b., James T. O'Connor, on premises.
Leicester St., nr. Surrey St., Ward 25, two-st'y fr. dwell., 23' x 35', pitch roof, furnace; \$4,000; o., James Flaherty, 433 Washington St., Brighton.
Elmont St., nr. Faxon St., Ward 20, two-st'y fr. dwell., 26' x 45', pitch roof, furnace; \$4,000; o., E. Walsh & T. P. Sullivan; b., C. A. Harkins, 44 Linden St., Dorchester.

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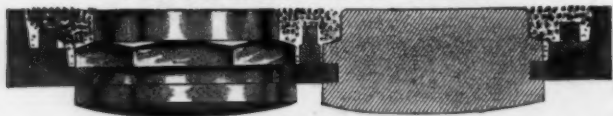
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(Houses Continued.)

Greenbriar St., nr. De Soto St., Ward 20, 2½-st'y fr. dwell., 28' x 45', pitch roof, furnace; \$5,000; o., Matilda Belyea; b., L. Belyea.
Wolcott St., No. 47, Ward 20, two-st'y fr. dwell., 36' x 40', pitch roof, furnace; \$5,500; o., George S. Webster; b., John T. Sanders, 179 Harvard St., Cambridge.
Willowood St., nr. Lauriat Ave., Ward 24, two-st'y fr. dwell., 20' x 38', pitch roof, furnace; \$4,000; o., Isabel Munn; b., M. Munn, 13 Mascot Ave.
Fairbanks St., nr. Washington St., Ward 25, two-st'y fr. dwell., 28' x 48', pitch roof, furnace; \$4,000; o. & b., A. Kissell, 10 Fairbanks St., Brighton.
Adelaide St., nr. Spring Park Ave., Ward 22, 2½-st'y fr. dwell., 35' x 48', pitch roof, hot water; \$6,500; o., J. E. F. Magee; a., Sam'l Rantin & Son.
Oakland St., nr. Richmond St., Ward 24, two-st'y fr. dwell., 20' x 37', pitch roof, furnace; \$3,000; o., C. E. Dwyer; b., Daniel F. Dwyer.
Emond St., No. 51, Ward 20, 2½-st'y fr. dwell., 35' x 42', pitch roof, hot water; \$7,000; o., a. & b., J. H. Davidson, 55 Emond St., Dorchester Dist.
Learnard St., No. 16, Ward 24, two-st'y fr. dwell., 25' x 44', pitch roof, furnace; \$4,000; o. & a., F. J. Rockwell, on premises; b., Benj. Rockwell.
Franklin St., rear No. 6, Ward 16, 2 three-st'y fr. dwells., 21' x 33', flat roofs, stoves; \$2,000; o., Italian Co-op. Bldg. Assn.; a. & b., A. Piotti, 28 Olney St.
Chambers St., No. 151, Ward 8, four-st'y bk. dwell. & store, 23' x 59', flat roof, stoves; \$6,000; o., M. Benson and M. Shoolman, 127 Tremont St.; a., F. A. Norcross.
S. Margin St., No. 37, Ward 8, four-st'y bk. dwell., 20' x 62', flat roof, stoves; \$9,500; o. & b., Louis Levenson; a., C. A. Halstrom, 7 Exchange Pl.
Brunswick St., nr. Columbia Road, Ward 20, two-st'y fr. dwell., 28' x 59', pitch roof, furnace; \$6,000; o., W. J. Crowley; b., J. C. Spillane, Francis St., Roxbury.
Aldworth St., nr. Centre St., Ward 22, 3 two-st'y fr. dwells., one 28' x 32', one 32' x 34' x 36', one 33' x 33', pitch roofs, furnaces; \$15,000; o., R. S. Barrows; a. & b., J. P. Campbell, 26 Boylston St., Jamaica Plain.
Gates and Old Harbor Sts., Ward 15, 2 three-st'y fr. dwells., one 25' x 50', one 24' x 48', flat roofs, stoves; \$8,000; o., a. & b., Howard Bros., 412 Dorchester Ave.
BROOKLYN, N. Y.—*Rutland Road*, nr. Flatbush Ave., 7 three-st'y & base. bk. dwells., 20' x 48'; \$63,000; o., Wm. Seals, 1433 Bedford Ave.; a., A. White, 100 Kingston Ave.
Lenox Road, nr. Nostrand Ave., 3 two-st'y & attic fr. dwells., 19' x 45', shingle roofs; \$7,000; o., A. J. Radcliffe, 217 Fennimore St.; a., J. Brock, Jr., Brooklyn Hills; b., J. Deighan, Vernon Ave. & Prospect St.
E. Twelfth St., nr. Slooam Pl., two-st'y & attic fr. dwell., 23' x 32', shingle roof; \$7,500; o. & b., J. S. Halstead, 224 Hawthorne St.
President St., nr. Kingston Ave., two-st'y & attic bk. dwell., 35' x 34', asphalt roof; \$12,000; o., Arne Dehl, 2 Macon St.; a., Dehl & Howard, 1193 Broadway, New York City.
Bay Twenty-fifth St., nr. Benson Ave., 2½-st'y fr. dwell., 33' x 40', shingle roof; \$5,000; o., Charles Steinback, Jr., on premises; a., Thos. Bennett, 198 Fifty-third St.
Ocean Ave., cor. Tennis Ct., 2½-st'y fr. dwell., 39' x 42', shingle roof; \$8,000; o., F. A. Larkin, 7 E. 18th St.; a., A. Nordberg, 140 Nassau St., New York City.
Rutland Road, nr. Bedford Ave., 3 three-st'y & base. bk. dwells., 20' x 45'; \$16,000; o., Wm. O'Donnell, 116 Pacific St.; a., R. Dixon, 213 Montague St.
Park Pl., nr. Kingston Ave., two-st'y & base. bk. dwell., 30' x 50'; \$7,500; o., Wm. Seals, 1433 Bedford Ave.; a., A. E. White, 150 Kingston Ave.
Avenue D, cor. E. 19th St., two-st'y & attic fr. dwell., 28' x 52', shingle roof; \$6,000; o., Emma Henson, 460 Lafayette Ave.; a., B. Driesler, 1432 Flatbush Ave.
CHARLOTTE, Pa.—Three-st'y bk., st. & terra-cotta dwell., 42' x 85', tin roof; \$15,000; o., John Moirer; a., B. L. Barnhart.
LANCASTER, O.—*Boys' Industrial School*, three-st'y bk. dwell., 40' x 80', tile roof, steam heat; \$16,000; o., State of Ohio; a., Richard & McCarty, Columbus.
MILWAUKEE, Wis.—*Second and Clark Sts.*, two-st'y st. dwell., 50' x 70', tile roof, hot water; \$15,000; a., E. Brielmayer & Sons.

BUILDING INTELLIGENCE.

(Houses Continued.)

Muncie, Ind.—*E. Charles St.*, two-st'y bk. & st. dwell., 38' x 52', slate roof, hot water; \$5,000; o., Rev. Fr. Smith; a., Westlake & Howard, Johnson Building.
NEW YORK, N. Y.—*Clay Ave.*, nr. 174th St., 2½-st'y fr. dwell., 33' x 42', shingle roof; \$7,500; o., Geo. F. Parrington, 81 E. 125th St.; a., S. M. Holden, 81 E. 125th St.
One Hundred and Seventieth St., nr. Clinton Ave., two-st'y fr. dwell., 20' x 60'; \$5,000; o., Geo. Bechmann, 333 E. 160th St.; a., Edw. Wenz, 1491 Third Ave.
Ryer Ave., nr. 183d St., 2½-st'y fr. dwell., 33' x 42', shingle roof; \$7,000; o., Wm. F. Cunningham, 312 E. 84th St.; a., F. E. Albrecht, 184th St. & Jerome Ave.
One Hundred and Eighth St., nr. Boulevard, 4 four-st'y & base. bk. dwells., 63' x 87'; \$110,000; o., Joseph A. Farley, 967 Boulevard; a., James & Leo, 967 Boulevard.
One Hundred and Forty-seventh St., cor. St. Nicholas Ave., 4 three-st'y & base. dwells., 19' 18', 17', 20' x 54'; \$15,000 each; o., Walter Fox, 258 Broadway; a., Henri Fouchaux, 11th Ave. & 162d St.
SOMERVILLE, Mass.—*Windsor Road*, No. 31, two-st'y fr. dwell., 26' x 40', pitch roof, furnace; \$3,200; o. & b., Robert B. Hudson, 127 Hudson St.
Sycamore St., nr. Browning Road, two-st'y fr. dwell., 36' 6" x 57', hip roof, hot water; o., T. J. Swift; b., H. D. McGray, 19 Windom St.
Washington St., No. 103, two-st'y bk. & st. dwell., 20' x 59', flat roof, stoves; \$5,000; o., Benjamin Hadley.
Tennison St., nr. Pembroke St., two-st'y fr. dwell., 28' x 38', pitch roof, furnace; \$3,500; o., Annie L. Fletcher; b., John Bernard, 17 Spencer St., Chelsea.
WASHINGTON, D. C.—*Massachusetts Ave.*, No. 2216, three-st'y & base. bk. & st. dwell., 25' x 46'; \$9,000; o. & b., M. H. Meline.
St., No. 2217, N. W., four-st'y bk. dwell., 23' x 40', slate roof, hot water; \$6,000; o. & b., M. H. Meline.
WORCESTER, Mass.—*Isabella St.*, 2 two-st'y fr. dwells., each 26' x 36'; \$7,000; o., W. F. Phelps; c., M. L. & L. N. Hall.
Faraday St., two-st'y fr. dwell., 28' x 45'; \$5,000; o., Stephen Salisbury; c., E. J. Cross; a., W. H. Harvey.
West St., 2 two-st'y fr. dwells., each 29' x 33'; \$6,000; o., N. S. Liscomb; c., D. M. Waterman & Co.
Hamilton St., 2 two-st'y fr. dwells., each 40' x 44'; o. & c., Hall & Thompson; a., Geo. H. Clemence.
MERCANTILE BUILDINGS.
Boston, Mass.—*Lancaster St.*, Nos. 34-38, Ward 8, bk. building, 40' x 50', flat roof, steam; \$30,000; o., Jos. Green; a. & b., Jas. J. Galvin, Hotel Langham.
OFFICE-BUILDINGS.
NEW YORK, N. Y.—*Melrose Ave.*, cor. 152d St., four-st'y bk. office-building, 20' x 52'; \$10,000; o., J. & M. Haffen, 652-654 Courtlandt Ave.; a., A. F. A. Schmitt, 604 Courtlandt Ave.
ST. LOUIS, Mo.—*Sixth and Olive Sts.*, ten-st'y bk. & st. store & office-building, 50' x 114'; \$200,000; o., Reliance Realty Co.; a., Theo. C. Link, Century Building.
STABLES.
Boston, Mass.—*Whitford St.*, nr. Augustus Ave., Ward 23, 1½-st'y fr. stable, 20' x 24', pitch roof; stoves; \$500; o. & b., Aug. Hallstrom, on premises.
Rear Mt. Vernon St., nr. Locust St., Ward 16, two-st'y fr. stable, 32' x 64', pitch & flat roof, stoves; \$1,200; o., E. V. Banks, 69 Sagamore St., Dorchester District; a., Wm. Wheaton.
Anawan Ave., nr. Allen St., Ward 23, 1½-st'y fr. stable, 20' x 29', pitch roof; \$800; o., J. L. & A. T. Wein; a., George Zanner, 1117 Columbus Ave.
CHICAGO, Ill.—*S. Paulina St.*, Nos. 5832-36, one & two-st'y bk. barn, 27' x 209'; \$8,900; o., M. H. Technor & Co.; b., Wiley Bros.; a., R. A. Westburg.
PHILADELPHIA, Pa.—*Ontario and Bath Sts.*, 1½-st'y bk. stable, 64' x 115'; \$7,000; o., Berg Company; b., Robert Beatty & Bro.
STORES.
NEW YORK, N. Y.—*Sixth Ave.*, bet. 19th & 20th Sts., seven-st'y bk. & st. fireproof store, 184' x 253' 8"; o., Simpson, Crawford & Simpson; a., Wm. H. Hume & Sons, 1 Union Sq.

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Chicago, Ill.—*E. Fifty-sixth St.*, Nos. 1003-05, three-st'y bk. flat, 45' x 62'; \$7,500; o. & b., A. A. Halgren; a., A. G. Lund.

MISCELLANEOUS.

Hinsdale, Ill.—*One-st'y bk. railway-station*, 40' x 171', tile roof, hot water; \$16,000; o., C. B. & Q. R. R., 299 Adams St., Chicago; genl. c., Grace & Hyde, Chicago; a., W. T. Krausch, Chicago.

COMPETITIONS.

SOCIETY OF BEAUX-ARTS ARCHITECTS.
SEASON 1898-99.

A PALM HOUSE.

[CLASS B, SKETCH PROGRAMME, NO. 3.]

COMPETITION NO. 29.

The Committee on Education proposes as a subject for competition, "A Palm House."

This structure is to be constructed chiefly of ornamental iron and glass.

No restrictions are made regarding the dimensions, style of architecture, or method of rendering the sketch, but the drawing is limited to a single sheet of paper about 14" x 20".

Scale: Plan and section must be shown at 1-16" scale. Elevation or perspective at 1-8" scale.

Each competitor is required to design and render the problem unaided, and to devote but 18 hours of actual work upon it.

The finished sketch must be sent flat, unmounted, on or before Tuesday, October 25, 1898, to Edward L. Tilton, Chairman, 32 Broadway.

These drawings will be exhibited and judged at the next regular exhibition of the Society.

A mention awarded for this sketch will count as a half-value.

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

Students will be required to obtain four values in Class B before being eligible to Class A. The values will count as follows:—

Mention for a sketch problem equals ½ value.
Second mention for an order problem equals 1 value.
First mention for a plan problem equals 1 value.
Second mention for a plan problem equals 1 value.
First mention for a plan problem equals 2 values.

At least one of these values must be for an order problem.

(Signed) EDWARD L. TILTON, Chairman,

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, October 15, 1898.

Date of following competition: Sketch Programme will be issued January 16, 1899.

Sketch will be rendered January 24, 1899.

(Continued on page xiv.)

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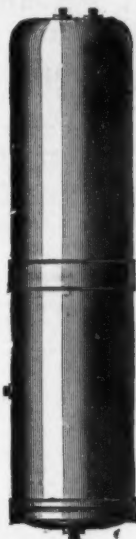
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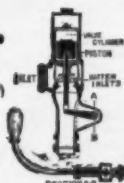
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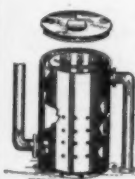
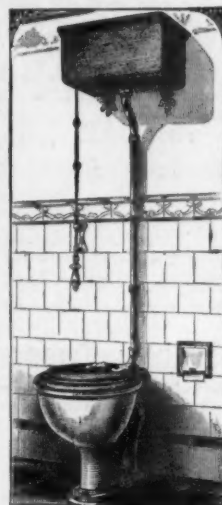
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COMPETITIONS.

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This is to affirm that I have designed, drawn and rendered the accompanying sketch myself, unaided, excepting only criticism of others and reference to books, photographs, etc., and that not more than 18 hours of actual work have been devoted to its execution.

Signed _____

ORDER PROBLEM, GREEK IONIC.

[CLASS B, ORDER PROGRAMME, NO. 8.]

COMPETITION NO. 30.

The Committee on Education proposes as a subject for competition, "Order Problem, Greek Ionic." This programme will be judged especially on the merits of the details, which need to be carefully drawn and rendered.

REQUIREMENTS.

Facade of a Greek Ionic Temple. Dialect in Antis. The width of facade not to exceed 30'.

Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following named sketches on tracing-paper: First floor plan, front elevation and section, all to a scale of 1-32" to the foot.

Finished Drawings Required: Facade of temple to the scale of 1-4" to the foot. Details of entablature, capital and base at one-fourth full size. Drawings may be rendered in water-color or India-ink, at student's option.

Drawings to be mounted on stretchers and forwarded, on or before January 17, 1899, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

First.—If the sketch is carelessly drawn.

Second.—If the limits set by the programme are exceeded.

Third.—If the rendered drawings differ essentially from the sketches.

Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

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

Students will be required to obtain four values in this class before being eligible to Class A. The values will count as follows:-

Mention for a sketch problem equals 1 value.

Second mention for an order problem equals 1 value.

First mention for a plan problem equals 1 value.

Second mention for a plan problem equals 1 value.

First mention for a plan problem equals 2 values.

At least one of these values must be for an order problem.

(Signed) **EDWARD L. TILTON, Chairman,**

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.

Drawings will be rendered April 18, 1899.

A CARRIAGE-HOUSE AND STABLE.

[CLASS B, PLAN PROGRAMME, NO. 7.]

COMPETITION NO. 31.

The Committee on Education proposes as a subject for competition, "A Carriage-house and Stable."

This building is supposed to be the carriage-house and stable of a suburban resident. It may be constructed of any approved material.

REQUIREMENTS.

First Floor: Paved court with glazed roof over part to permit carriage-washing, etc. Carriage-house about 2,500 square feet. Four rooms for men. Four

COMPETITIONS.

box-stalls about 10' x 10'. Nine stalls about 5' x 10'. Harness-rooms. Workshop, store-rooms and stairs to hay-loft.

Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following three named sketches on tracing-paper: First floor plan, front elevation and section, all to a scale of 1-32" to the foot.

Finished Drawings Required: First and second floor plans and section at the scale of 1-16" to the foot; front elevation at the scale of 1-8" to the foot. A single human figure to be drawn on the elevation.

These drawings may be rendered in water-color or India-ink.

Drawings to be mounted on stretchers and forwarded, on or before January 17, 1899, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

First.—If the sketch is carelessly drawn.

Second.—If the limits set by the programme are exceeded.

Third.—If the rendered drawings differ essentially from the sketches.

Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

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

Students will be required to obtain four values in this class before being eligible to Class A. The values will count as follows:-

Second mention for an order problem equals 1 value.

First mention for an order problem equals 1 value.

Second mention for a plan problem equals 1 value.

First mention for a plan problem equals 2 values.

Mention for a sketch problem equals 1 value.

At least one of these values must be for an order problem.

(Signed) **EDWARD L. TILTON, Chairman,**

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.

Drawings will be rendered April 18, 1899.

A HOTEL IN A CITY.

[PROGRAMME A, NO. 14.]

COMPETITION NO. 32.

The Committee on Education proposes as a subject for competition, "A Hotel in a City."

This building has streets on three sides. It is to be of fireproof construction, ten stories high. The width of main facade must not exceed 200 feet, exclusive of steps, carriage-porches and similar accessories, which must not exceed 20 feet each end and in front. Depth of main building not to exceed 200 feet.

REQUIREMENTS.

First Floor: Entrance-halls and offices; large dining-room with serving-rooms adjoining; billiard-room, café, smoking-room, two or more parlors, main staircases and service stairs, elevators, toilet and check-rooms.

Second Floor: Rooms arranged in suites of parlor, chamber and bath.

Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following three named sketches on tracing-paper: Plan of first floor and section from front to rear at a scale of 1-32" to the foot; elevation at a scale of 1-16" to the foot.

Finished Drawings Required: First and second floor plan and section from front to rear at a scale of 1-16" to the foot; elevation at a scale of 1-8" to the foot. A single human figure to be drawn on the elevation.

These drawings may be rendered in water-color or India-ink.

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NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

First.—If the sketch is carelessly drawn.

Second.—If the limits set by the programme are exceeded.

Third.—If the rendered drawings differ essentially from the sketches.

Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

NOTE.—This competition is restricted to students having already obtained a mention in Class A, or having already obtained four values in Class B.

(Signed) **EDWARD L. TILTON, Chairman,**

WALTER COOK,

EDWARD P. CASEY,

THOMAS HASTINGS,

THORNTON F. TURNER,

Committee on Education.

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.

Drawings will be rendered April 18, 1899.

HOSPITAL BUILDINGS.

[At New York, N. Y.] Architects experienced in hospital designing are invited to submit plans for a six-story fireproof hospital building, 78' x 112', to cost about \$75,000, and to be erected on the northwest corner of Jefferson and Cherry Sts., for the Beth Israel Hospital, 206 E. Broadway. For particulars address HARRY FISCHER, 215 E. Broadway, Chairman of Building Committee, before November 1.

1191

PROPOSALS.

CHURCH.

[At Lewiston, Pa.] Bids are wanted October 30 for a church; estimated cost, \$30,000. W. Q. WEAVER & SONS, architects, Harrisburg.

1191

COUNTY JAIL.

[At Keyser, W. Va.] Bids will be received by the County Clerk until February 10 for constructing a new County Jail; estimated cost, \$10,000.

1192

SCHOOL DESKS.

[At Columbus, O.] Sealed proposals will be received until October 18 by the Board of Education, Library Building, for about 1,000 school-desks and seats for the East High-school building, and about 500 desks and seats for otherschool-buildings in this city. E. GUNSAULUS, C. E. TURNEY, I. C. BANKERT, Committee on Supplies.

1190

MARKET-HOUSE.

[At San Antonio, Tex.] Bids will be received about November 1 for a \$40,000 market-house. Separate bids for cold-storage rooms will be received. Address ALFRED GILES, architect, San Antonio.

1191

HEATING AND VENTILATING.

[At York, Pa.] Bids are wanted October 20 for a steam-heating, mechanical ventilating and power plant in the County Court-house.

1190

Treasury Department, Office Supervising Architect, Washington, D. C., September 29, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of October, 1898, and then opened, for the construction (except heating apparatus and electric wire conduits) of the United States Post-office, Custom-house, etc., building at Camden, N. J., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of Rankin & Kellogg, 1024 Walnut St., Philadelphia, Pa. JAMES KNOX TAYLOR, Supervising Architect.

1190

Professional Ethics.

The following . . .

. . . CODE OF ETHICS . . .

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION 14. It is unprofessional to enter into competition with or to consult with an 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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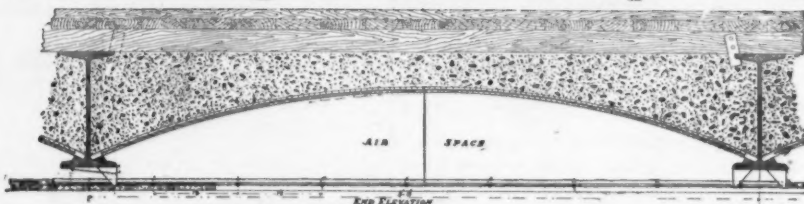
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Up River.....	"	Domestic Face		Sq. " @	5 50
Haverstraw Bay 2d.....	"	18 00 @ 25 00		Light Stretchers	
1st.....	" 7 00	Philadelphia)		9 00 @ 11 00	
Hollow.....	"	25 00 @ 40 00		Medium " @	12 00
Fronts:		10 00 @ 11 00		Red " @	12 00
Croton, Brown.....	" 12 00	Phila. mould		Dark " @	12 00
" dark.....	" 12 00	50 00 @ 80 00		Pressed " @	17 00
" red.....	" 12 00	Enamelled B'k.		Paving 11 00 @ 13 0	
Chicago pressed.....	"	Imported		Second " @	12
" Moulded.....	"	Enam. (edge)		Third " @	10 00
Baltimore.....	37 00 @ 41 00	105 00 @ 120 00		Dom. { @ 65	
Philadelphia.....	19 00 @ 21 00	" (edge & end.)		85 @ 85	
Trenton.....	17 50 @ 18 50	120 00 @ 135 00		1 30 @ 1 50	
Milwaukee.....	"	Domestic.		S. H. Fe'l 20 @ 1 50	
Moulded:		Enam. (edge)		" @ 3 15	
Red Pressed.....	" 29 00	90 00 @ 100 00		2 30 @ 2 60	
Buff ".....	" 27 00	" (edge & end.)		2 85 @ 3 15	
Moulded Red & Buff.....	45 00 @ 70 00	110 00 @ 115 00		2 75 @ 2 85	
Enamelled: Imp.		5 00 @ 1 00		Bel'n 2 10 @ 2 40	
Enamelled (edge).....	"	Not sold.		Hemmoor 2 50 @ 2 75	
Enamelled (edge and end).....	"	75 @ 1 00		2 75 @ 2 85	
CEMENT, LIME, etc. (P cask.)		75 @ 1 00		Joeseon 2 60 @ 2 75	
Rosendale Cement.....	65 @ 75	2 50 @ 2 50		3 00 @ 3 25	
Louisville.....	"	2 50 @ 2 60		2 75 @ 2 85	
Utica, Akron, Buffalo, Milw'ke.	2 25 @ 2 50	2 50 @ 2 60		B. Egl. 2 50 @ 2 75	
Portland, Eng. (Gibbs).....	2 25 @ 2 50	2 50 @ 2 60		3 00 @ 3 50	
" (K. B. & S.).....	2 25 @ 2 50	2 50 @ 2 60		6 50 @ 7 00	
" (Black Cross).....	2 25 @ 2 50	2 50 @ 2 60		8 00 @ 9 00	
" (Burnham).....	2 25 @ 2 50	2 50 @ 2 60		White Lime P bush	
" (White's).....	2 25 @ 2 50	2 50 @ 2 60		25 @ 30	
" French (Lafarge).....	3 60 @ 3 75	2 75 @ 3 00		{ White Mash	
" Ger. (Alsen).....	2 90 @ 3 25	B'ks, Shoobridge		1 25 @ 1 50	
" (Fewer).....	2 25 @ 2 40	& Co.		1 00 @ 1 00	
" (Vorwöhler).....	2 50 @ 2 90	English 2 30		Not sold.	
" (Lagerdofer).....	"	2 75 @ 3 00		45 @ 55	
" (Dyckerhoff).....	2 75 @ 3 00	3 50 @ 4 00		45 @ 55	
" (Hanover).....	2 35 @ 2 45	8 00 @ 9 00		Not sold.	
" Stettin, (Anchor).....	2 75 @ 3 00	Not sold.		1 00 bulk, 75c.	
Roman.....	4 25 @ 4 75	Not sold.		Not sold.	
Keene's coarse.....	" 6 50	Not sold.		Not sold.	
" superfine.....	"	Not sold.		Not sold.	
Lime:		Not sold.		Not sold.	
Lime of Tell.....	" 4 00	Not sold.		Not sold.	
Hydraulic Lime.....	" 1 45	Not sold.		Not sold.	
Chicago Lime in bulk.....	{ St. John	Not sold.		Not sold.	
Wisconsin Lime.....	" 65	Not sold.		Not sold.	
Rockland and Rockport, (Com.)	" 75	Not sold.		Not sold.	
Rockland, finish.....	"	Not sold.		Not sold.	
Kelley Island Lime, finish.....	"	Not sold.		Not sold.	
State, Com. cargo rates.....	" 65	Not sold.		Not sold.	
State, finishing.....	" 75	Not sold.		Not sold.	
Plaster-of-Paris (calcined).....	1 30 @ 1 40	Not sold.		Not sold.	
" (casting).....	" 1 60	Not sold.		Not sold.	
Hair (cattle) P bush.....	14 @ 16	Not sold.		Not sold.	
" (Goat).....	18 @ 21	Not sold.		Not sold.	
Sand, P load.....	1 00 @ 1 25	Not sold.		Not sold.	

THE AMERICAN ARCHITECT AND BUILDING NEWS

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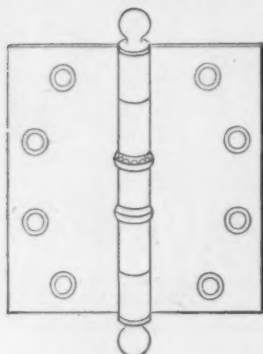
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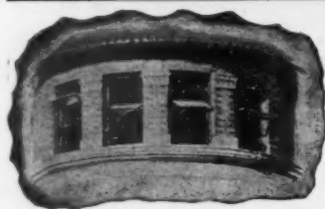
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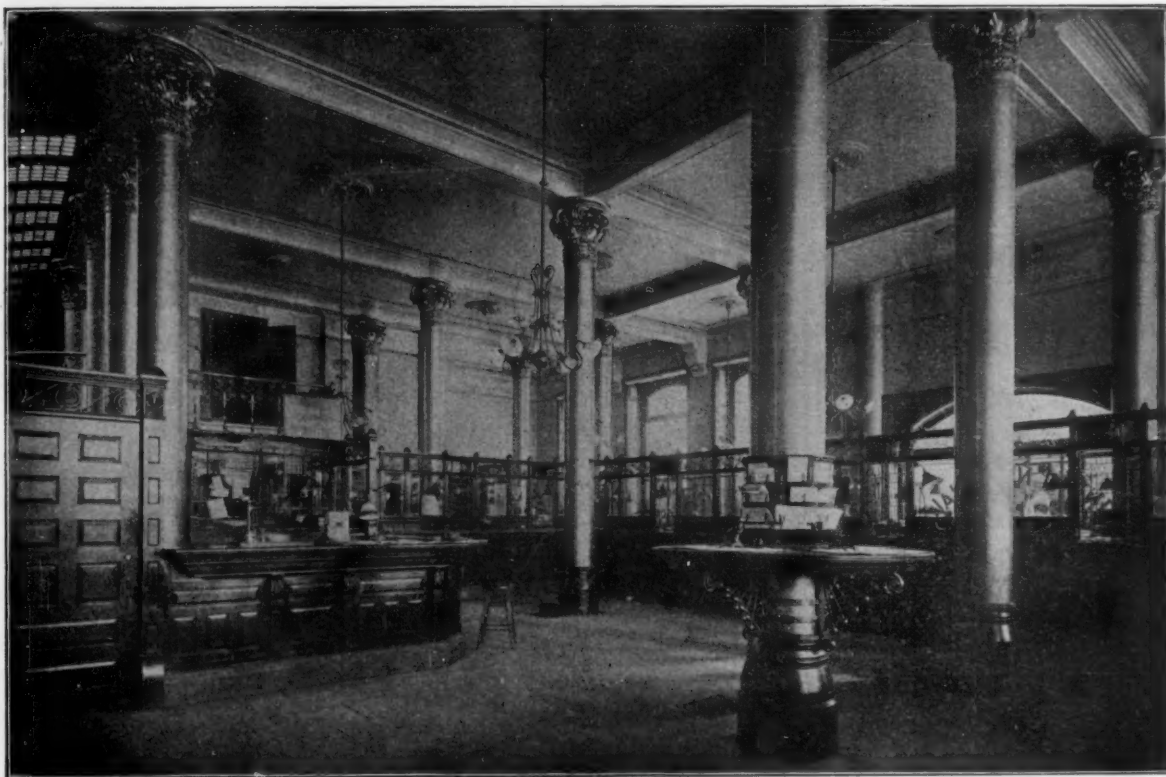
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STONE. (Per cubic foot, rough.)			
Foundation:			
Dimension.....	5 00 per ton.	20 @ foot	@ 5 00
Block.....	4 80 per ch.	10 00 @ cord	Conshocken
Rubble.....	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:			
Longmeadow.....	80 @ 90		
Kibbe.....	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 1 30		
Amherst Ohio.....	90 @ 1 00	1 50 per cub. ft.	1 05 @ 1 25
Berea ".....	75 @ 1 00	45 @ 55	85 @ 95
Berlin ".....	75 @ 1 00	45 @ 55	55 @ 75
Belleville.....	80 @ 1 25	45 @ 55	85 @ 95
New Brunswick (Dorchester).....	80 @ 1 00	@ 1 25	1 00 @ 1 10
Potsdam Red.....	@ 1 30	Not sold.	1 05 @ 1 15
Oaen.....	@ 2 00	@ 1 55	@ 1 40
Carlisle, English.....	@ 1 05	@ 1 05	1 25 @ 1 35
Corse Hill (Scotch).....	@ 1 05	@ 1 05	85 @ 1 05
Granite: (Maine)	@ 60	80 @ 1 50	95 @ 1 05
Limestone:			
Bedford.....	45 @ 1 25	95 @ 1 00	75 @ 85
Joliet.....	1 00		2 00 @ 3 00
Lemont.....			1 70 @ 3 00
Serpentine.....		10 50 per ton.	4 00 @ 4 50
Bluestone: (Per sq. ft.)			2 50 @ 2 75
Sidewalk.....	30 @ 5 00	40 @ 1 75	4 00 @ 6 00
Planned.....	50 @ 6 00	@ 75	3 00 @ 4 00
Marble: (Per cu. ft.)			2 25 @ 3 00
Lee, Mass.....	@ 1 75 @ 2 50		2 00 @ 2 50
Rutland, white and blue.....	@ 3 00		2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	1 70 @ 3 00
Glens Falls, black.....	@ 2 00		4 00 @ 4 50
Italian, blue-veined.....	@ 2 00		2 50 @ 2 75
" Sienna.....	@ 2 00		4 00 @ 5 00
Tennessee, red.....	@ 2 00		4 00 @ 6 00
" Knoxville.....	@ 2 00		3 00 @ 4 00
Pennsylvania, blue.....	@ 2 00		2 00 @ 3 00
Vermont, white.....	@ 2 00		2 25 @ 3 00
Slate: Roofing (Per square).			
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00
Red.....	10 00 @ 10 00	10 00 @ 11 00	10 50 @ 12 50
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50
" Chapmans.....	@	@	5 30 @ 6 15
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20
Tiles, Am..... P M.....	@	@	Salt-glazed tiles
N. Peach Bottom, war, unfading	8 00 @	8 00 @	9 75 @ 10 00
Fire Clay Roof Tile on cars at fac.			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
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00
" 3d quality.....	18 00 @ 22 00	30 00 @ 40 00	20 00 @ 25 00
Spruce.....	@ 25 00	12 00 @ 16 00	Not sold.
Hemlock.....	ea 13 @ 14	12 00 @ 14 00	10 00 @ 12 00
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00
Clapboards:			
Pine.....	@	35 00 @ 55 00	25 00 @ 30 00
Spruce.....	@	24 00 @ 35 00	Not sold.
Framing Timber:			
Pine.....	14 00 @ 18 00	13 00 @ 16 00	15 00 @ 25 00
Spruce.....	12 00 @ 16 00	12 00 @ 15 00	Not sold.
Hemlock.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00
Yellow pine.....	@	@	16 00 @ 25 00
Laths:			
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00
Spruce..... Slab.....	1 05 @ 1 75	1 80 @ 2 15	Not sold.
Shingles:			
Pine, shaved..... P M.....	5 80 @ 6 00	@	Not sold.
Pine, sawed..... ".....	4 00 @ 5 00	@ 4 50	2 60 @ 2 75
Spruce, sawed..... ".....	1 50 @ 2 00	1 50 @ 1 75	Not sold.
Redwood..... P 125.....	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00
Cedar split..... P M.....	@	2 00 @ 3 25	Not sold.
Cypress, Split..... 7 x 24 ".....	18 00 @ 30 00	5 00 @ 6 00	2 50 @ 2 90

{ 30" \$35 @ 40
24" 8 @ 21
20" 35 @ 14
11 00 @ 14 00

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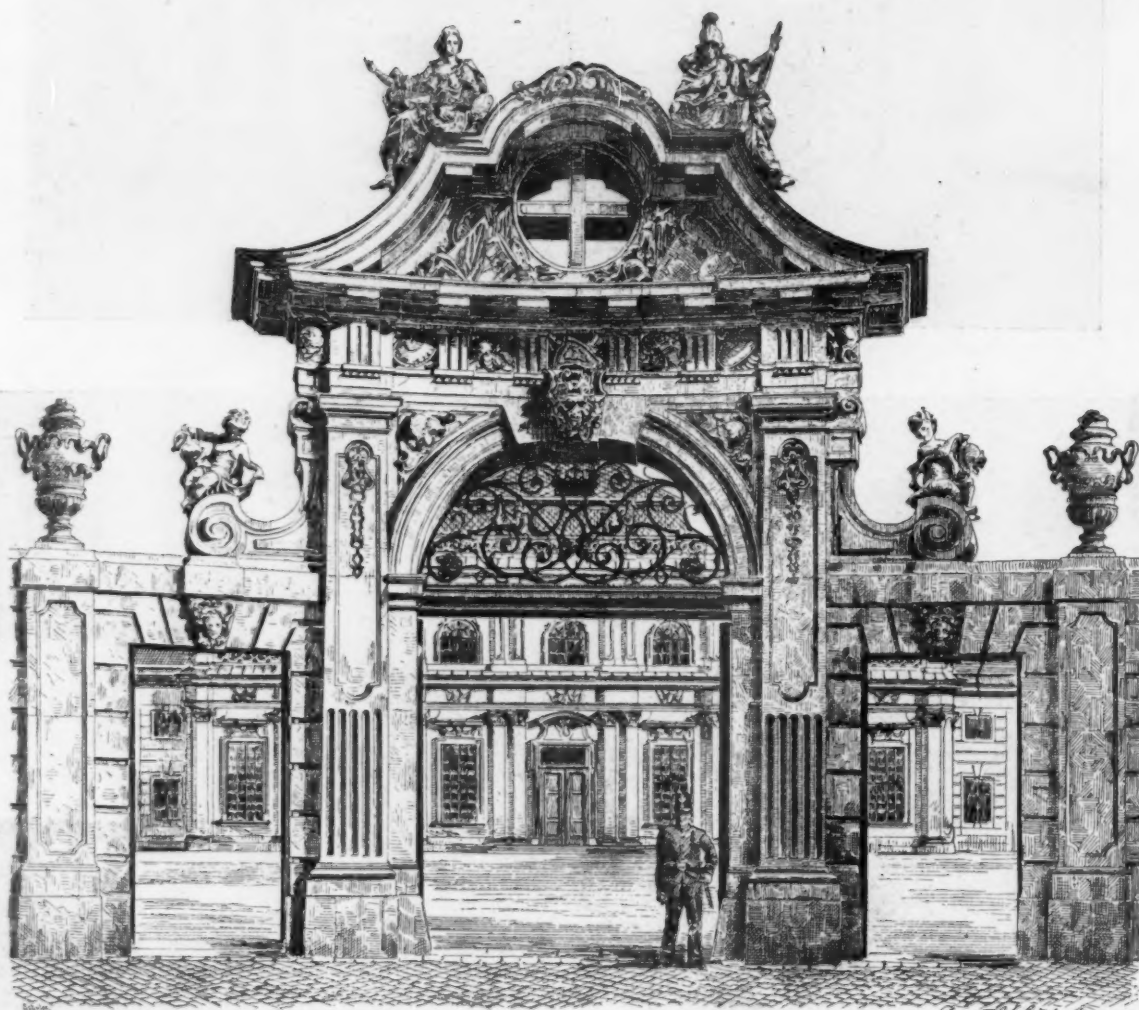
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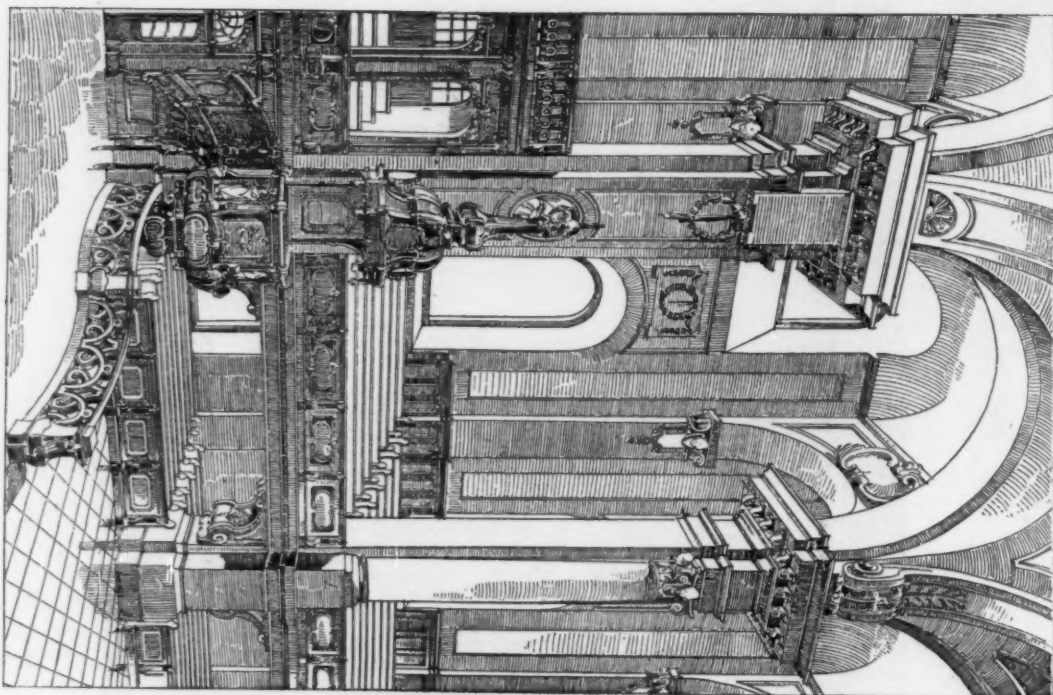
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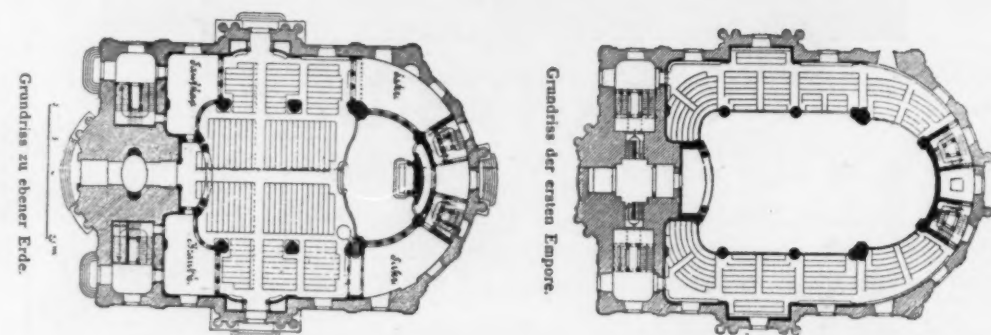
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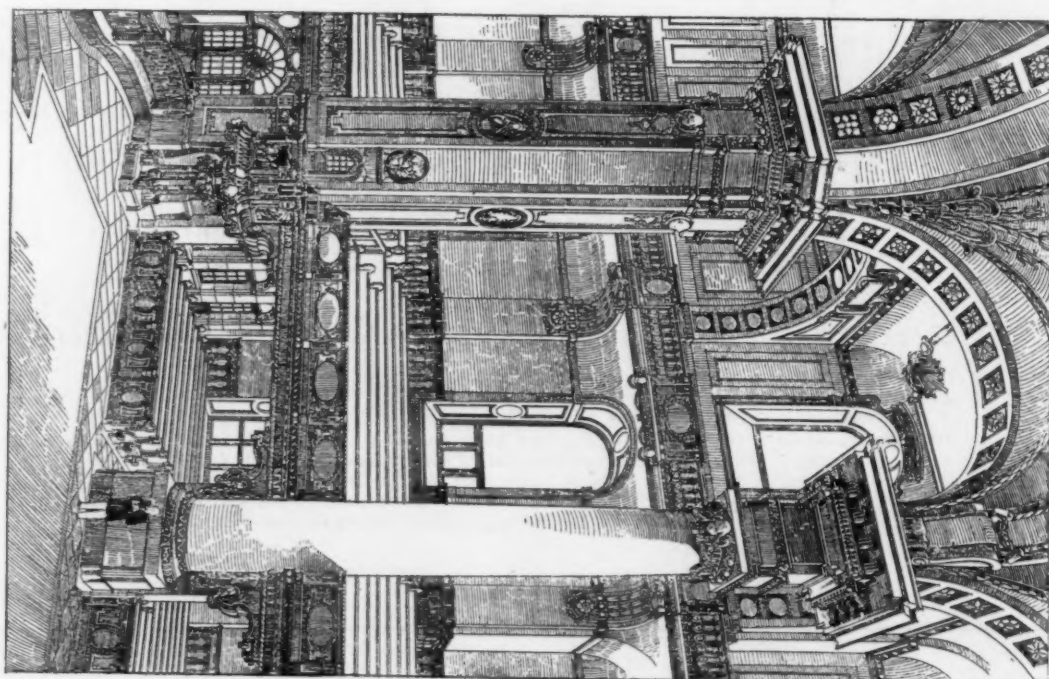
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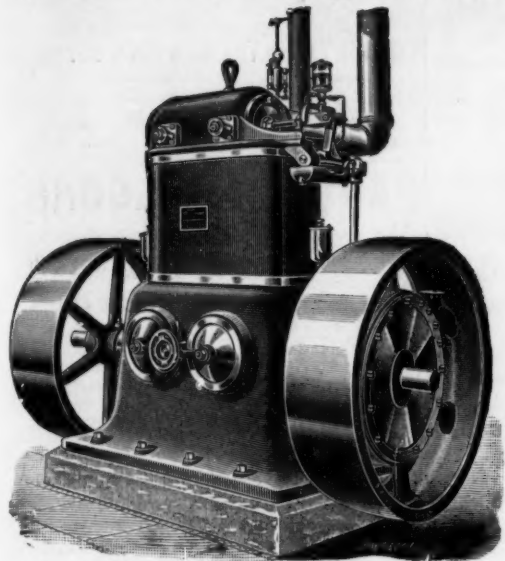
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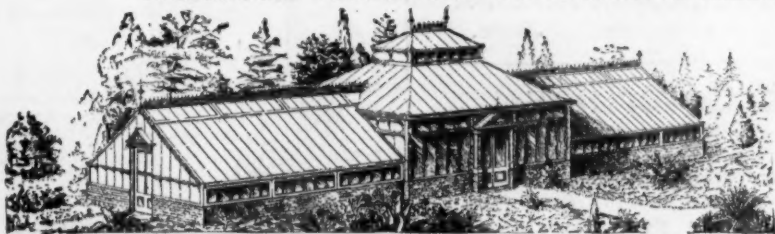
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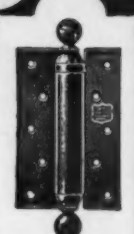
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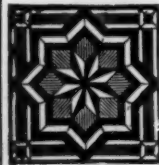
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BUILDING INTELLIGENCE.

(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.—Plans have been drawn by J. I. Beatty, architect, Jackson Building, Pittsburgh, for the new building to be erected by the United Presbyterian Hospital, at a cost of about \$50,000. Mrs. H. C. Campbell, president.

Boston, Mass.—John S. Jacobs & Son have been awarded the contract for the erection of the South Boston High School at \$236,966, from plans by Herbert D. Hale.

Braddock, Pa.—Edward Carlisle & Co., 700 Lewis Block, Pittsburgh, have prepared drawings for a sixteen-room stone and brick school-building, to be erected here.

Bridgeport, N. J.—The Methodists of this place have decided to build a new church on the site of their present edifice. Enough money has been subscribed to start the structure.

Buffalo, N. Y.—Architects Eesenwein & Johnson have prepared preliminary plans for the proposed pumping-station. It will be built of granite and steel and will have eight boilers and engines.

Carlisle, Pa.—D. R. Miller & Co., architects, of Harrisburg, have been selected to prepare plans for a high school.

Chicago, Ill.—Fritz Foltz, 58 Wabash Ave., is engaged upon plans for a \$35,000, three-story school-building, 65' x 100', to be built on Erie St., near Market St., for the Church of the Assumption. The front will be of pressed brick, terra-cotta and stone. The third floor will be devoted to an entertainment hall.

Cleveland, O.—Architect F. S. Barnum, New England Building, is preparing the preliminary drawings for the new high-school building to be erected on the corner of Genesee and Becker Aves.

It is announced that John D. Rockefeller will furnish funds to purchase the ground and to build a large brick and stone social settlement house in the Italian district of this city. It will be called the Alta House, in honor of Mr. Rockefeller's daughter, and will be devoted to kindergarten and day-nursery work among the children of that district.

Davenport, Ia.—About \$15,000 will be expended in remodeling the Kimball House. W. H. Somers, manager.

Denver, Col.—The McCormick Harvesting Machine Co. have plans for a three-story brick building to be erected on 15th St.; cost, \$25,000.

Elkins, Pa.—Plans for a \$10,000 R. R. passenger-station to be constructed, one-story high, of stone, with slate roof and tower; architects, Cope & Stewardson, Philadelphia.

Evanston, Ill.—A gymnasium to cost about \$20,000 will be erected by the Evanston Y. M. C. A.

Fort Madison, Ia.—It is reported that the Burlington Road has completed plans for a depot to cost \$12,000. Chief Engineer, Chicago, Ill.

Humblestead, Pa.—The School Board has decided

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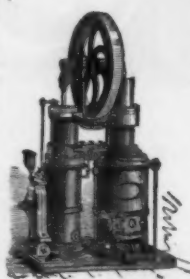
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(Advance Rumors Continued.)

to erect a new school-building in the 2d Ward to cost \$50,000.

Ithaca, N. Y.—Jos. Campbell was awarded the contract for the \$40,000 chemical laboratory annex to Cornell University, plans for which were prepared by Vivian & Gibb, 36 State St.

Lincoln, Neb.—Jas. Tyler & Son, architects, have prepared plans for a fireproof building for the Beatrice Creamery Co., to be three stories, 84' x 132', of pressed brick, steam heat, elevators, metal ceilings, fireproofing, etc.

Milwaukee, Wis.—Crane & Barkhausen, architects, have completed plans for a large factory to be erected at Clinton and Florida Sts., for the Western Chemical and Mfg. Co. It will be 120' x 128', five story, of solid stone and brick, and will cost complete \$60,000. It is to be completed by February 1.

New Orleans, La.—Report states that plans for the W. T. Richards Memorial Building are under consideration by the Charity Hospital Board; estimated cost \$50,000. Dr. Bloom, House Surgeon.

Newport, R. I.—The plans of J. D. Johnson, 69 Milk St., have been accepted for the City-hall.

Northampton, Mass.—Plans for the Capen School gymnasium are being prepared by Hartwell, Richardson & Driver, Boston.

New York, N. Y.—R. W. Gibson, 18 Wall St., is preparing plans for a ten-story fireproof store and office-building to be erected on Broad St., for Edw. Kemp.

Oskaloosa, Ia.—Mahaska County contemplates building a \$20,000 Jail.

Oldenburg, Ind.—D. A. Bohlen & Son, of Indian-

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

apolis, Ind., have completed plans for a convent to be erected here, to cost about \$175,000.

Palmyra, Mo.—A \$15,000 church will be erected by the St. Joseph Catholic Society.

Pittsburgh, Pa.—Plans have been prepared by E. Carlisle & Co., Lewis Block, for a new public-school building for the 22d Ward.

A. C. Heleman, of Canonsburg and E. E. Heleman, of Kittanning have purchased a lot in the neighborhood of Fountain City Hotel, and will at once erect a five-story brick and iron block, 55' x 90', for commercial purposes.

Portland, Me.—Plans for the \$50,000 school to be erected on Park St. are now under consideration.

Richmond, Ind.—Plans for brick store and flat building, 40' x 100', and to cost \$16,000, have been prepared; Stephen O. Yates, Grand Hotel Block.

Roxborough, Pa.—Hales & Ballinger have completed plans for a stone stable to be erected for John Dearnley.

Saltillo, Mex.—Architects O. H. P. Rudersall & Son, Monterey, Mex., and Houston, Tex., have prepared plans for a fireproof bank and post-office building for the Coahuila Bank; cost, \$75,000.

Sherman, Tex.—The City Council is stated to have voted to issue \$40,000 bonds for a high school.

Springfield, O.—It is stated that the citizens will probably be asked to vote on appropriating \$20,000 for a city prison.

The Directors of the Springfield Savings Bank have accepted the plans of K. C. Gotwald for a \$15,000 bank. Edward Harford, cashier.

Steubenville, O.—The plans for the new Holy Name Church are about completed, and about \$20,000 has been subscribed to the building fund. Rev. James J. Hartley, pastor.

St. Louis, Mo.—Lenz & Helm are stated to have received the contract for the Jackson School, at \$76,467.

Utica, N. Y.—A new academy is contemplated and an appropriation of \$40,000 is to be voted upon at the coming election.

Wayne, Neb.—A \$25,000 Court-house is contemplated and a county vote will be taken at the next election on the erection of the structure.

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ALTERATIONS AND ADDITIONS.

New York, N. Y.—Eighteenth and Nineteenth Sts., cor. 6th Ave., addition of two stories to the easterly part of the Siegel-Cooper Company's building and alterations to the extent of about \$180,000 in all are to be made from plans by De Lemos & Cordes, 130 Fulton St.

Worcester, Mass.—Main St., bk. & iron addition; \$11,000; o., Merchants & Farmers Mutual Fire Insurance Co.; c., George M. Hubbard; a., Barker & Nourse.

APARTMENT-HOUSES.

Bayonne, N. J.—Twenty-second St. and Avenue F, four-sty bk. & st. store & flats, 75' x 83'; \$24,000; o., Mrs. Augusta Goodman; a., Eugene Reilly.

Brooklyn, N. Y.—Butler St. and Bedford Ave., 2 four-sty bk. & st. aparts., 27' x 80' & 21' x 80'; total cost, \$45,000; o. & b., James Burke, 339 Gates Ave.; a., Jno. L. Young, 1221 Fulton St.

Chicago, Ill.—Wabash Ave., Nos. 3600-01, five-sty bk. apart., 65' x 124'; \$105,000; o., Lincoln Brooke; b., Jos. Sherwin Co.; a., Robert Rae, Jr.

St. George, S. I., N. Y.—Four-sty bk. & st. flat & store, 35' x 80'; \$15,000; o., Geo. Edw. Harding, 253 Broadway, New York City; a., Harding & Gooch, New York City.

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Lexington Ave., cor. 73d St., five-sty bk. store & flat, 20' x 93' 11"; \$20,000; o., Louis Reiss, 1299 Lexington Ave.; a., Chas. Stegmayer.

One Hundred and Thirty-ninth St., nr. Alexander Ave., five-sty bk. flats, 25' x 85'; \$22,000; o., Abraham Solomon, 74 Stanton St.; a., Geo. F. Pelham, 503 Fifth Ave.

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Shawmut Ave., No. 305, Ward 9, four-sty bk. dwell. & store, 20' x 35', flat roof, stoves; \$6,000; o., Albion S. Whitmore, 18 Union Park; b., E. R. Gregory.

Charter St., cor. Unity St., Ward 6, 2 four-sty bk. dwells. & stores; \$10,000; o. & b., I. P. Silberstein, 34 Mall St.

Washington St., nr. Dudley St., Ward 18, 9 four-sty bk. dwells. & stores, 22' x 55', flat roofs, stoves; \$55,000; o., Fred'k Ayer; a., A. H. Bowditch; not let.

Tremont St., No. 1528, Ward 19, four-sty bk. dwell. & store, 31' x 67', flat roof, furnace; \$8,000; o., P. J. Donlin; a., S. Rantin & Son, 1117 Columbus Ave.; not let.

Huntington Ave., nr. Heath St., Ward 19, 3 four-sty bk. dwells., 23' x 25' x 56', flat roofs, steam; \$20,000; o., George A. Darlow, 940 Massachusetts Ave., Cambridge; a., J. F. & G. H. Smith.

Heath St., nr. Huntington Ave., Ward 19, 6 three-sty bk. dwells., 23' x 45', flat roofs, furnaces; \$25,000; o., L. Goldman & L. Smith, 14 Parkman St.; a., J. F. & G. H. Smith.

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(Continued on page xiv.)

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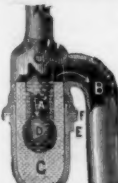
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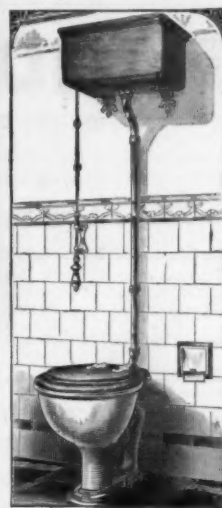
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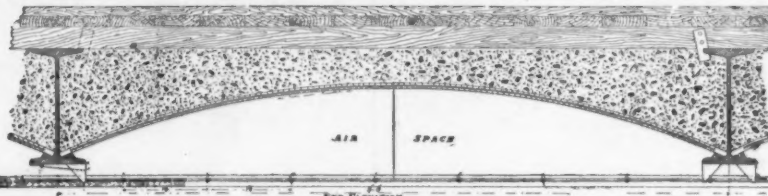
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PROPOSALS.	PROPOSALS.
COURT-HOUSE. [At Garner, Ia.] Sealed proposals will be received until November 14 for the erection of the Hancock County Court-house, plans for which were drawn by F. W. Kinney, architect, Austin, Minn. 1192	STABLE. [At Boston, Mass.] Sealed proposals for building a stable in Franklin Park, in accordance with the form of contract and specifications to be furnished by the Park Commissioners, will be received at the office of the Park Commissioners, Jamaica Park, Boston, until 2 o'clock P. M. of Monday, October 24, 1898, at which time and place they will be publicly opened and read. Each bid must be accompanied by a certified check for three hundred dollars (\$300), to be returned to the bidder unless he fails to execute the contract should it be awarded to him. Specifications and plans may be seen and blank forms of proposal obtained at Engineer's Office, Jamaica Park. The Park Commissioners reserve the right to reject any or all bids. CHARLES E. STRATTON, LABAN PRATT, Commissioners. Boston, October 12, 1898. 1192
COURT-HOUSE. [At Port Clinton, O.] Sealed proposals will be received until November 1 for the erection of the \$120,000 Court-house for Ottawa County, plans for which have been prepared by Wing & Mahurin, architects, Fort Wayne, Ind. E. W. POWERS, auditor. 1191	CHURCH. [At Lewiston, Pa.] Bids are wanted October 30 for a church; estimated cost, \$30,000. W. Q. WEAVER & SONS, architects, Harrisburg. 1191
HEATING APPARATUS. [At Baltimore, Md.] Proposals will be received by the Board of Directors of the Maryland Penitentiary, at the office of John F. Weyler, warden, until 12 M., November 2, for the electric-lighting power, heating and ventilating plants, refectory, painting, plastering and finishing the executive and warden's buildings at the Maryland Penitentiary. Drawings and specifications can be seen at the office of Jackson C. Gott, architect, or Herbert G. Geer, engineer, southeast corner Charles and Fayette Sts., Baltimore. JOHN F. WEYLER, warden. 1192	COUNTY JAIL. [At Keyser, W. Va.] Bids will be received by the County Clerk until February 10 for constructing a new County Jail; estimated cost, \$10,000. 1192
TREASURY DEPARTMENT, Office Supervising Architect, Washington, D. C., October 15, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 3d day of November, 1898, and then opened, for the construction (except heating apparatus) of the extension to the United States Temporary Post-office at Chicago, Ill., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian at Chicago, Ill. JAMES KNOX TAYLOR, Supervising Architect. 1191	MARKET-HOUSE. [At San Antonio, Tex.] Bids will be received about November 1 for a \$40,000 market-house. Separate bids for cold-storage rooms will be received. Address ALFRED GILES, architect, San Antonio. 1191

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Haverstraw Bay Id.: @

" 1st.: @

Hollow: @ 7 00

Fronts: @ 12 00

Croton, Brown: @ 12 00

" dark: @ 12 00

" red: @ 12 00

Chicago pressed: @

" Moulded: @

Baltimore: 37 00 @ 41 00

Philadelphia: 19 00 @ 21 00

Trenton: 17 50 @ 18 50

Milwaukee: @

Moulded: @ 29 00

Red Pressed: @ 27 00

Buff: 45 00 @ 70 00

Moulded Red & Buff: @

Enamelled: Imp. 85 00 @ 100 00

Enamelled (edge): 90 00 @ 110 00

Enamelled (edge and end): @

CEMENT, LIME, etc. (P. Cask.)

Rosendale Cement: 65 @ 75

Louisville: @

Utica, Akron, Buffalo, Milwaukee: Not sold.

Portland, Eng. (Gibbs): 2 25 @ 2 50

" (K. B. & S.): 2 50 @ 3 00

" (Black Cross): 2 25 @ 2 50

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" French (Lafarge): 3 00 @ 3 75

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Roman: 4 25 @ 4 75

Keene's coarse: @ 6 50

" superfine: @

Lime:

Lime of Tell: @ 4 00

Hydraulic Lime: @ 1 45

Chicago Lime in bulk: St. John

Wisconsin Lime: @ 65

Rockland and Rockport, (Com.): @ 75

Rockland, finish: @

Kelley Island Lime, finish: @

State, Com. cargo rates: @ 65

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Plaster-of-Paris (calcined): 1 30 @ 1 40

" (casting): @ 1 60

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" (Goat): 18 @ 21

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(Wholesale Prices.)

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Building 4 50

sewer add 1.00

hollow, add 1.25

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Select Red Sand. 9 00 @ 11 00

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St. Louis Hyd'ic 9 00 @ 11 00

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Findlay, do 22 00

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Chicago, do 16 00 @ 20 00

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Chicago, do Red 30 00 @ 100 00

Roman... 24 00

Chicago, do Br'n 30 00 @ 100 00

Roman... 27 00

Bushnell Buff 25 00

Not sold.

75 @ 1 00

75 @ 1 00

2 50 @ 2 60

2 50 @ 2 60

2 50 @ 2 60

2 50 @ 2 60

3 75 @ 4 25

2 90 @ 3 20

B'ks, Shoobridge & Co.,

English 2 30

2 75 @ 3 00

Not sold.

3 50 @ 4 00

8 00 @ 9 00

Not sold.

1 85 @ 2 00

Not sold.

1 75 @ 1 90

12 @ 20

30 @ 25

1 00 @ 1 25

Not sold.

1 50 @ 2 25

1 75 @ 2 50

20 @

30 @

In Yard.

Sq. Hard 8 00 @ 9 00

" @ 7 00

Salmon @ 5 50

Sq. " @ 5 50

Light Stretchers 9 00 @ 11 00

Medium " @ 12 00

Red " @ 12 00

Dark " @ 12 00

Pressed " @ 17 00

Paving 11 00 @ 13 00

Second " @ 12 00

Third " @ 10 00

Dom. { @ 65

@ 85

1 30 @ 1 50

S.H.F. 1 20 @ 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 @ 3 75

3 00 @ 3 50

6 50 @ 7 00

8 00 @ 9 00

White Lime bush

25 @ 30

{ White Mash

1 25 @ 1 50

1 00 @ 1 00

Not sold.

Not sold.

Not sold.

Not sold.

THE AMERICAN ARCHITECT AND BUILDING NEWS

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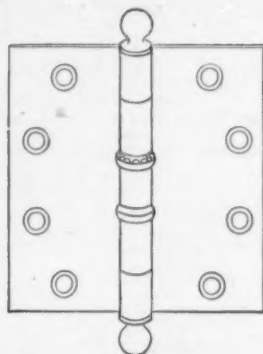
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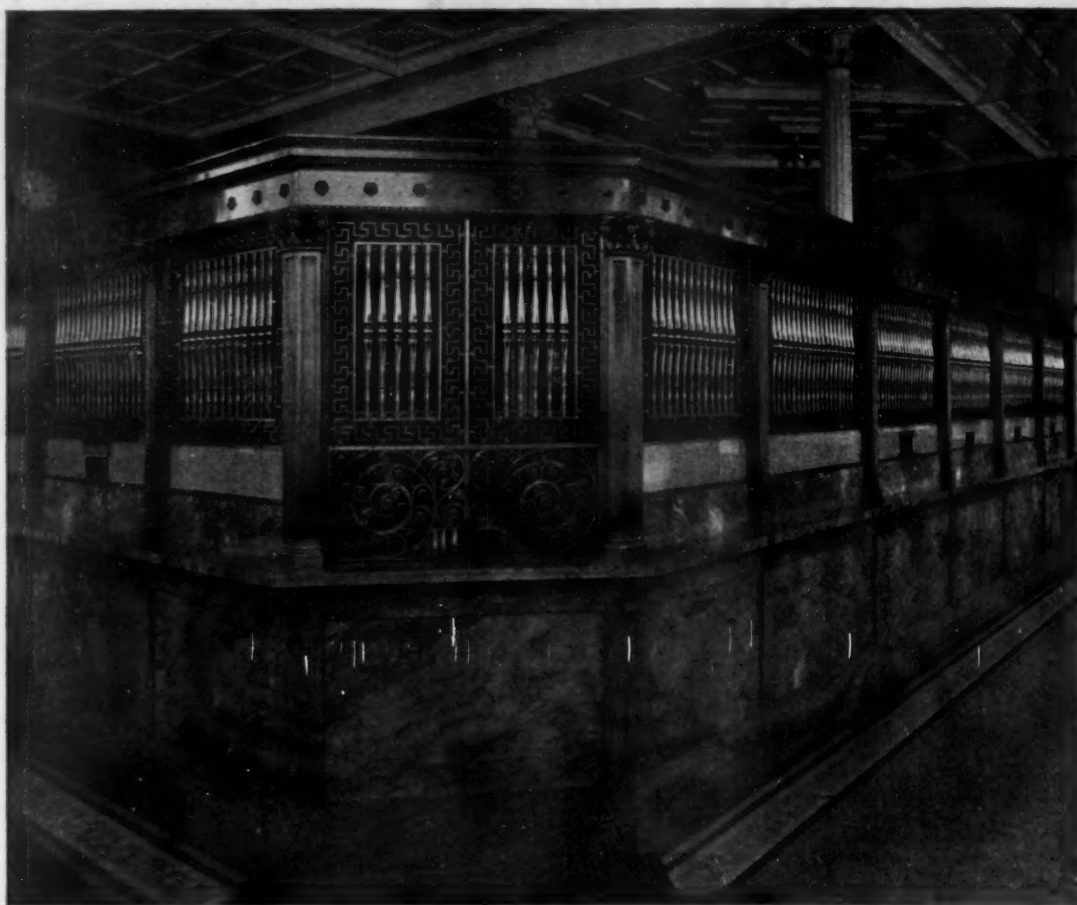
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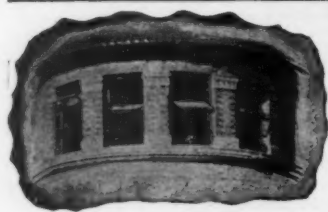
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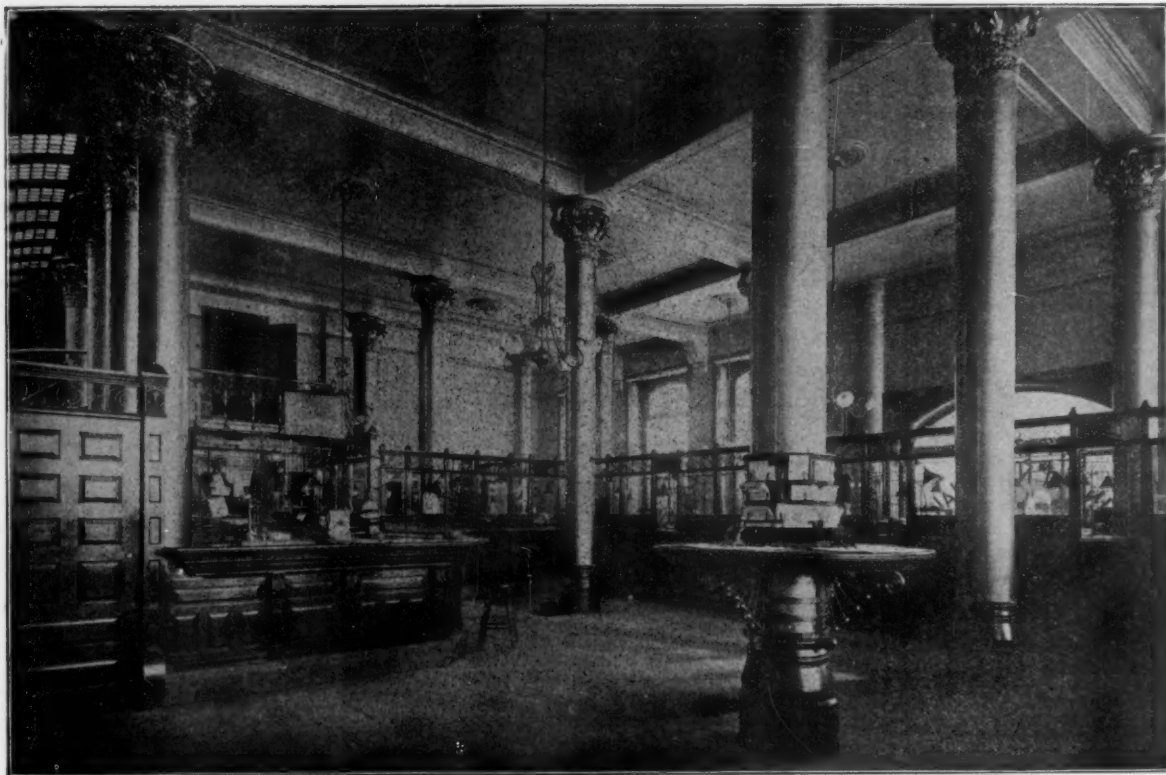
Foundation:				
Dimension.....	5 00	7 ton.	30 @ foot	5 00
Block.....	4 60	perch.	10 00 @ cord	Conshocken
Rubble.....	1 25	1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	80	90		95 @ 1 05
Kibbe.....	90	1 10		1 05 @ 1 25
Brown (Connecticut).....	1 00	1 30	1 50	85 @ 95
Amerst Ohio.....	90	1 00	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 00	@ 2 00		95 @ 1 05
Carlisle, English.....	@ 1 05	@ 1 05		95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05		55 @ 65
Granite: (Maine)			80 @ 1 50	
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond
Lemont.....			@	75 @ 1 50
Serpentine.....			@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ cub. ft.	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Leo, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	@ 4 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
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	30 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	12 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	13 14 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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	13 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	12 00 @ 16 00	12 00 @ 15 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	18 00 @ 21 00	17 00 @ 25 00	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine.....	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	1 65 @ 1 75	1 80 @ 2 15	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved.....	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood.....	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	
Cedar split.....	@	@ 6 00	Not sold.	
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	
Cypress, Split.....	18 00 @ 20 00	5 00 @ 6 00	@	

30" \$35 @ 40
24" 8 @ 21
20" 25 @ 14
11 00 @ 14 00

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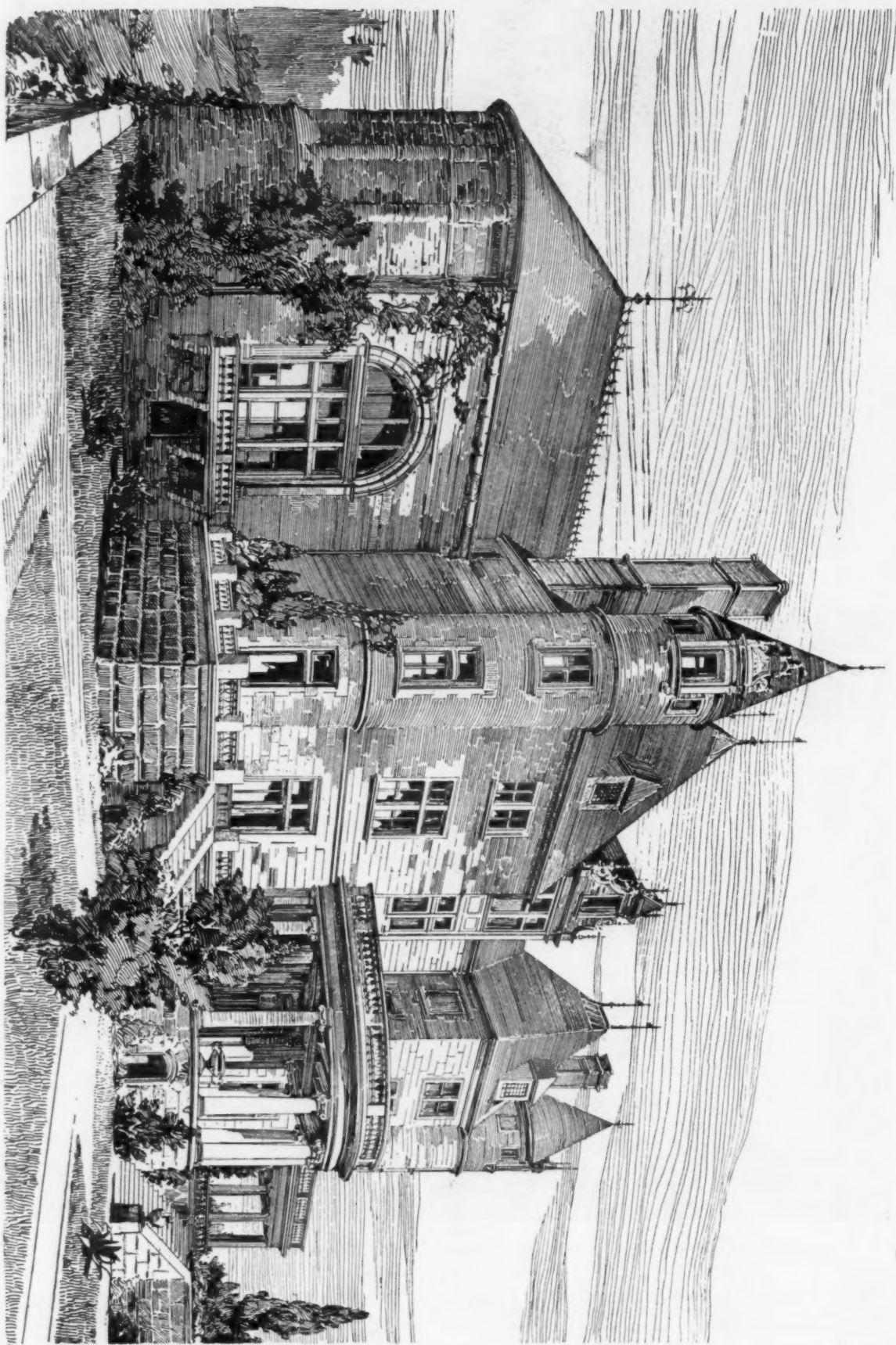
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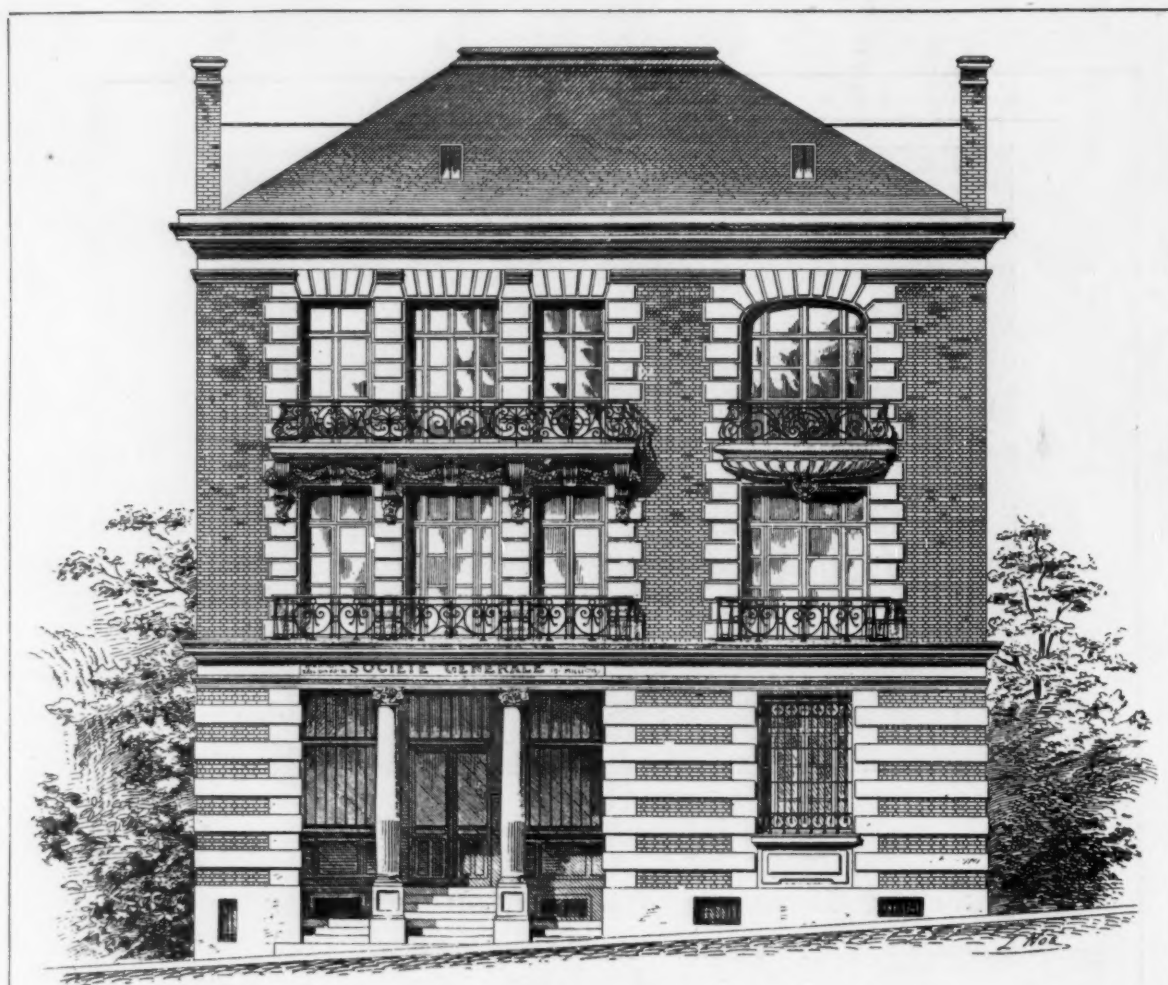
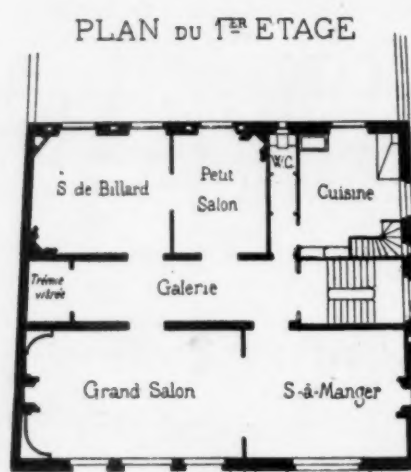
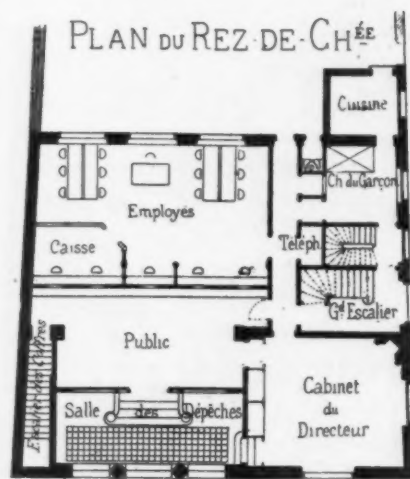
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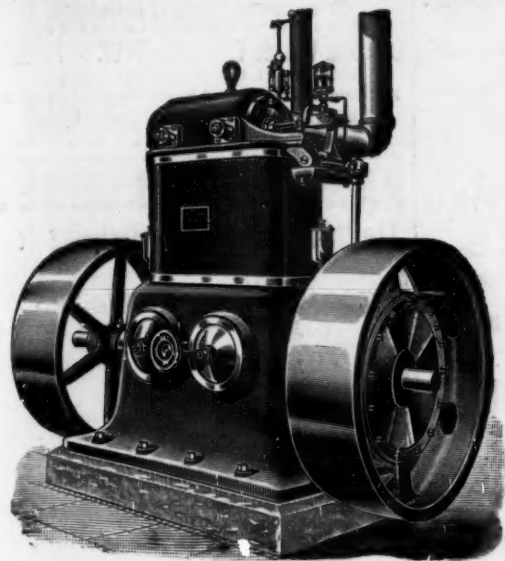
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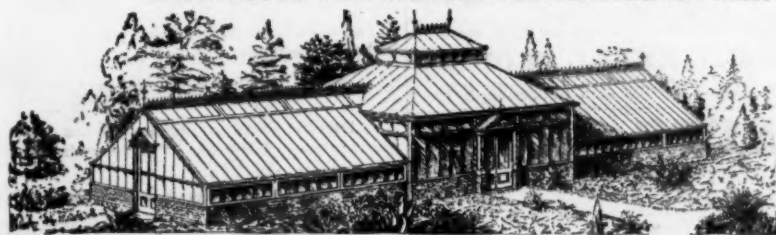
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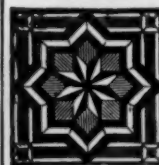
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BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ADVANCE RUMORS.

Baltimore, Md.—It is reported that the Guardian
Trust & Deposit Co. will erect a \$100,000 business
building.

Central Islip, N. Y.—Miles Leonard, of Binghamton,
has received the contract for erecting colony
buildings for the Manhattan State Hospital, on
basis of fireproof construction for central buildings
and corridors, for \$679,707. The contract for electric
wiring and fixtures was awarded to the Commercial
Construction Co., New York City, at \$27,-
825.

Cleburne, Tex.—Evans & Horbons are arranging to
erect a \$40,000 business building and opera-house.
E. H. Silver, Dallas, architect.

Concord, N. H.—At a school meeting, October 13,
it was voted to erect a \$30,000 school.

Detroit, Mich.—Malcomson & Higginbotham have
prepared plans and specifications for the Mott
Avenue fire-engine house; appropriation \$9,000.

Donaldson & Meier have prepared plans and
specifications for the Boulevard fire-engine house;
appropriation \$9,000. The same architects are
preparing plans for sub-division C post-office on
Jefferson Ave.

A. C. Varney & Co. have prepared plans for an
apartment-house for L. H. Crofoot, to be built on
2d Ave., near High St.; cost about \$20,000.

Harry J. Rill has prepared plans for a chapel for
the R. C. congregation of the Sacred Heart at
Grosse Pointe; cost about \$20,000.

Grinnell, Ia.—Henry K. Holman, Chicago, is pre-
paring plans for a \$15,000 gymnasium for Iowa
College.

Highland, Kan.—Plans for an office and bank
building for B. D. Williams, to cost \$10,000 are
being drawn by Fisher & Lawrie, Omaha, Neb.

Jamestown, N. Y.—The Y. M. C. A. will spend
\$21,000 in remodeling a building for its use.

Kansas City, Kan.—A \$60,000 High School is con-
templated by the Board of Education.

Louisville, Ky.—Report states that the Louisville
Lodge of Elks has decided to build a \$25,000 build-
ing for society and office purposes.

Macon, Ga.—The members of Congregation Beth
Israel will erect a new synagogue. L. Newman,
Harris G. Bernd, Sr., J. L. Mack and others, Build-
ing Committee.

Moline, Ill.—Report states that William Wolff, of
Galesburg, has prepared plans for a \$40,000 opera-
house, which F. P. McClure, of St. Louis, Mo., pro-
poses to erect here.

Newport, R. I.—William H. Scott, New York City,
intends building a summer residence on the corner
of Ruggles and Carroll Aves., from plans by J. D.
Johnson, architect.

Paris, Ky.—It is reported that the Agricultural
Bank will build a new bank-building, Henry Spears,
cashier.

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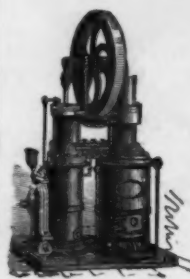
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Pittsburgh, Pa.—The contract for erecting engine-
house No. 23 has been awarded to Kerr & Fox, at
\$33,324.

Ravenswood, N. J.—The New Amsterdam Gas Co.,
340 Third Ave., New York City, is about to erect a
brick and iron gas works here, to cost about \$600,-
000, from plans by A. S. Miller, the company's chief
engineer.

Rockford, Ill.—The Y. M. C. A. contemplate erect-
ing a new building.

Sheboygan, Wis.—A. Knipple has been awarded
the contract for a school, at \$18,700.

Shelbyville, Ky.—The erection of a \$50,000 Court-
house is contemplated.

Sidney, Ia.—Architects Fisher & Lawrie, Omaha,
Neb., have prepared plans for a building to con-
tain bank, hall, stores and offices; cost, \$10,000.

Steubenville, O.—It is reported that the Metho-
dist congregation have decided to erect a \$25,000
church.

St. Cloud, Minn.—The contract for the erection of
the Great Northern passenger-station has been
awarded to T. Beardon, 13th and Temperance Sts.,

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

St. Paul, at \$15,000. The heating and plumbing
contract will be let separately.

Upton, Pa.—J. B. Peterson, Jr., Philadelphia, has
been awarded the contract to build a \$25,000 resi-
dence and stable for William H. Morris; architect,
Walter Smedley, 435 Chestnut St., Philadelphia.

Washington C. H., O.—Plans have been completed
for a \$50,000 Masonic Temple, so report states.

Waynesboro, Pa.—It is stated that the M. E. So-
ciety will erect a \$15,000 church.

Wichita, Kan.—J. C. Holland, architect, Topeka,
is preparing plans for enlarging the Metropole
Hotel. About \$35,000 will be expended.

Wilkesbarre, Pa.—Contract for the construction
of the new asylum building, at Retreat, has been
awarded to E. T. Long, at \$159,071.

ALTERATIONS AND ADDITIONS.

St. Louis, Mo.—Christy Ave., bet. 4th & 5th Sts.,
two-sty' bk. addition to bakery, 14' x 76', comp.
roof, steam; \$15,000; o., F. W. Henze; a., A. M.
Beinke, Wainwright Building.

APARTMENT-HOUSES.

Chicago, Ill.—Forty-eighth St. and Evans Ave.,
three-sty' bk. & st. flats, 50' x 140', comp. roof,
steam; \$30,000; a., Thos. McCall, Lake Ave. & 53d
St.

New York, N. Y.—Eighty-fifth St., nr. West End
Ave., six-sty' bk. flats, 50' 6" x 88'; \$75,000; o., Elias
Kempner, 55 E. 61st St.; a., Geo. F. Pelham, 503
Fifth Ave.

One Hundred and Twenty-second St., nr. 8th Ave.,
3 five-sty' & base. flats, 33' 4" x 88' 2"; \$30,000; o. &
b., Leah Zimmerman and Gabriel Valente, 1804
Madison Ave.; a., Geo. F. Pelham, 503 Fifth Ave.

One Hundred and Eighteenth St., nr. 5th Ave., 2
five-sty' bk. flats, 26' x 18' x 85'; \$44,000; o., F. C.
Lomonte, 321 E. 109th St.; a., C. A. Millner, 81 E.
125th St.

Brook Ave., nr. 168th St., 2 four-sty' bk. flats, 25'
x 75'; \$30,000; o., Dennis Farrell, 41-51 W. 62d St.;
a., C. A. Millner.

Lenox Ave., cor. 113th St., five-sty' bk. store &
flat, 25' 2 1/2" x 70'; \$24,500; o., Michael J. Keenan,
225 W. 142d St.; a., S. B. Ogden, 954 Lexington Ave.

W. Twenty-ninth St., Nos. 446-454, 4 five-sty' &
base. bk. & st. flats, 25' 5" x 84'; \$80,000; o., John D.
Karst; a., Louis Korn.

Jackson Ave., nr. Cedar St., 3 three-sty' bk. & st.
flats, 18' 8" x 72'; \$25,000; o., H. O. Kirchner, 71 W.
133d St.; a., Edw. Wenz.

Ninety-first St., nr. W. Central Park, six-sty' bk.
flats, 57' x 87' 2"; \$90,000; o., Feichman & Potter,
181 Broadway; a., G. F. Pelham, 503 Fifth Ave.

W. Twenty-ninth St., Nos. 436-444, 4 five-sty' bk.
& st. flats, 25' x 98' 9"; \$70,000; o., John D. Karst,
2051 Eighth Ave.; a., Louis Korn, 35 Maiden Lane.

Wales Ave., nr. Westchester Ave., 2 four-sty' bk.
flats; \$32,000; o., Joseph Rodelagus, 1901 Lexington
Ave.; a., W. C. Dickerson.

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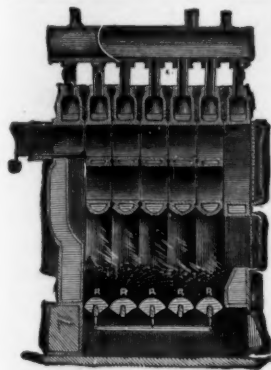
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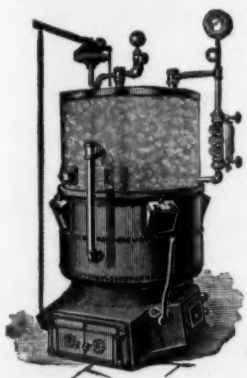
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Argyle, Minn. — 2½-st'y bk. & st. building for a Catholic Seminary, 60' x 70'; \$8,000; o., Catholic Society, Rev. Louis Guillaume; a., Herman Kretz & Co., St. Paul.

Cleveland, O. — Mayfield Road, three-st'y bk. school, 70' x 100', slate roof, steam; \$37,000; o., John D. Rockefeller; a., C. W. Hopkinson, Stone Building.

Columbus, O. — Three-st'y bk. & st. High-school building, slate roof, furnace; \$50,000; o., Board of Education, C. E. Morris, Chairman Building Committee; a., David Riebel.

Milwaukee, Wis. — Thirteenth and Sycamore Sts., three-st'y bk. & st. school, 72' x 101', slate roof, steam; \$25,000; o., Marquette College; a., H. J. Esser.

FACTORIES.

Cincinnati, O. — Eighth and Evans Aves., five-st'y bk. factory, 60' x 100', tin roof, steam; \$20,000; o., Ratterman & Suth, 8th & Evans Sts.; a., Boll & Taylor.

Detroit, Mich. — Harper Ave., two-st'y bk. manufactory, 54' x 55'; \$8,000; a., R. E. Raseman. Champlain St., Nos. 48-54, six st'y bk. manufactory building, flat roof; \$50,000; a., A. C. Varney & Co.

Eaton Rapids, Mich. — Two-st'y bk. woollen-mill, 70' x 107', comp. roof, steam; \$11,000; o., Eaton Rapids Woollen Mills; a., W. A. Chapel, Grand Rapids.

HOTELS.

North Spring Lake, N. J. — 2½-st'y fr. hotel; \$75,000; o., Frank L. Janeway, New Brunswick; a., Brouse & Arend, Asbury Park.

HOUSES.

Arlington, N. J. — Elm St., nr. Midland Ave., three-st'y fr. dwell.; \$7,000; o., Thomas F. Whalen; a., George E. Teets.

Aurora, Ill. — Fox and La Salle Sts., two-st'y bk. store & dwell., 60' x 60', flat roof, steam; \$7,000; o., M. T. Chapman; a., Fred W. Worst, 341 Coulter Block.

Avon-by-the-Sea, N. J. — 2½ st'y fr. dwell.; \$10,-

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(Houses Continued.)

000; o., W. H. B. Totten, 115 Chambers St., New York City; a., Brouse & Arend, Asbury Park. 2½-st'y fr. dwell.; \$5,200; o., C. C. Haven, Jr., Trenton; a., Brouse & Arend.

Boston, Mass. — Heath St., nr. Huntington Ave., Ward 19, 6 three-st'y bk. dwells., 23' x 52', flat roofs, stoves; \$35,000; o. & b., D. Davis & Co., 1115 Tremont St.; a., J. F. & G. H. Smith.

Mt. Ida Road, nr. Potosi St., Ward 20, two-st'y fr. dwell., 27' x 40', pitch roof, furnace; \$4,000; o., Edw. Gately; b., Wilkinson & Ewell.

Brandon St., nr. Newburg St., Ward 23, two-st'y fr. dwell., 26' x 45', pitch roof, furnace; \$4,500; o., W. E. Graves; b., M. P. Graves, 75 Walker St.

Columbia Road, nr. Eastman St., Ward 20, 2 two-st'y fr. dwells., 22' x 24' x 60', pitch roofs, furnaces; \$12,000; o., Mary A. Gillespie; b., Wm. Eadie, Boston St.

Dorchester Ave., No. 2173, Ward 24, two-st'y fr. dwell., 26' x 50', pitch roof, furnace; \$4,500; o., Wm. Kenneally; b., F. Campbell, 30 Magdala St.

Johnson Ave., nr. Main St., Ward 5, 3 three-st'y fr. dwells., 20' x 61' & 23' x 51', flat roofs, stoves; \$15,000; o., Lee Hammond; b., Mitchell & Sutherland, 166 Devonshire St.

Townsend St., nr. Walnut St., Ward 21, 2½-st'y fr. dwell., 28' x 38', pitch roof, furnace; \$5,000; o., Dr. J. A. Reilly, 171 Tremont St.; b., Calvin Lamont.

Claybourne St., nr. Dakota St., Ward 20, 2½-st'y fr. dwell., 30' x 34' x 40', pitch roof, furnace; \$5,500; o., Arthur S. Brigham, 1 Lynnville Terrace, Dorchester.

Dudley Ave., nr. Brandon St., Ward 23, two-st'y fr. dwell., 26' x 45', pitch roof, furnace; \$4,500; o., W. E. Graves; b., M. P. Graves.

Case St., nr. Spring St., Ward 23, 2 two-st'y fr. dwells., 26' x 45', pitch roofs, furnaces; \$9,000; o. & b., M. P. Graves, 75 Walker St., W. Roxbury.

Gaylord St., No. 27, Ward 20, two-st'y fr. dwell., 22' x 35' x 41', pitch roof, hot water; \$5,000; o., Mrs. Rosetta T. Burke; b., E. J. MacIlroy, Lauriat Ave.

Dakota St., cor. Claybourne St., Ward 20, 2½-st'y fr. dwell., 29' x 41', pitch roof, furnace; \$5,000; o., W. J. Tyler, 73 Tremont St.

Charles St., nr. Geneva Ave., Ward 20, 2½-st'y fr. dwell., 28' x 55', pitch roof, furnace; \$5,000; o., J. Gregory; b., C. L. Frost, 18 Summer St., Medford.

Darling St., nr. Parker Hill Ave., Ward 19, two-st'y fr. dwell., 27' x 36', pitch roof, steam; \$3,500; o., Carl L. Grasshoff; b., Bay State Bldg. Co., 218 Tremont St.



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Tower St., nr. Washington St., Ward 23, two-st'y fr. dwell., 26' x 41', pitch roof, furnace; \$4,500; o., J. J. Larkin.

Newport St., nr. Crescent Ave., Ward 20, 2 three-st'y fr. dwells., 22' x 45', flat roofs, stoves; \$8,000; o., P. B. Corbett; b., Watson & Waite.

Dakota St., nr. Greenbriar St., Ward 20, 2½-st'y fr. dwell., 28' x 46', pitch roof, furnace; \$5,000; o., Arthur H. Moore, 44 Corbett St.; b., L. A. Belyea.

Brooklyn, N. Y. — Midwood St., bet. Flatbush & Bedford Aves., 17 three-st'y bk. & st. dwells.; \$136,000; o., W. A. Brown, Flatbush Ave. & Midwood St.

E. Nineteenth St., bet. Avenues B & C, thirty 2½-st'y fr. dwells.; \$300,000; o. & b., T. B. Ackerson, 2415 Church Ave.

Charles Pl., nr. Willoughby Ave., three-st'y fr. dwell., 20' x 50'; \$6,000; o., John S. Hays, 943 Willoughby Ave.; a., W. B. Willis.

Chicago, Ill. — Cornell Ave., No. 5144, 2½-st'y bk. dwell., 42' x 44', steam; \$7,500; o., A. B. Mulvey; a., Henry K. Holman, 1117 Association Building.

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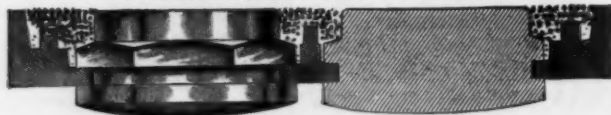
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- Waveland Ave.*, Nos. 1309-11, 4 two-st'y bk. dwells, 18' x 53'; \$18,000; o., Chicago Lutheran Seminary; b., S. G. Holmquist.
- Winthrop Ave.*, No. 857, two-st'y fr. dwell, 28' x 46'; \$8,500; o., W. M. Walker; b., A. F. Carlson; a., Harvey G. Hays.
- Columbus, O.**—Two-st'y bk. dwell, 28' x 58', slate roof, furnace; \$5,000; o., D. E. Williams; a., C. A. Strubling & Co.
- Two-st'y bk. dwell, 28' x 40', slate roof, furnace; \$5,000; o. Johnson & Irvine; a., F. W. Elliott, Wheeler Building.
- Bryden Road*, two-st'y bk. dwell, 28' x 52', slate roof, furnace; \$5,000; o., Wm. Scarlett; a., J. A. Jones.
- Cynwyd, Pa.**—2½-st'y fr. dwell; \$6,000; o., Isaac W. Heston; a., Schermerhorn & Reinhold; not let.
- Deal, N. J.**—2½-st'y fr. dwell, 40' x 60'; \$15,000; o., Anne E. Wilkison, Newark; a., G. Kramer Thompson, 66 Broadway, New York City.
- Des Moines, Ia.**—Two-st'y bk. dwell, 23' x 55', pitch roof, hot water heat; o., Oliver O. Smith; a., Smith & Guttererson.
- Detroit, Mich.**—*Seyburn Ave.*, two-st'y bk. & fr. dwell, 28' x 45', slate roof, furnace; \$5,000; o., Dr. James H. Greenwood, 231 Sheridan Ave.; a., Louis Kamper.
- Leyburn Ave.*, No. 197, 2½-st'y fr. dwell; \$5,000; o. & b., S. G. F. McAllister.
- Chandler Ave.*, No. 55, three-st'y bk. dwell; \$4,000; o. & b., L. Dimick.
- N. Boulevard*, No. 131, two-st'y bk. dwell; \$7,000; a., A. C. Varney & Co.
- E. Boulevard*, No. 332, two-st'y bk. dwell; \$7,000; a., A. C. Varney & Co.
- East Orange, N. J.**—*Washington Terrace*, 2½-st'y fr. dwell; \$6,500; o., Sarah A. Pring; a., Frederick Pring.
- Glen Ridge, N. J.**—2½-st'y fr. dwell; \$5,500; o., Walter E. Knowles, East Orange; a., Wilbur S. Knowles, 1132 Broadway, New York City.
- Middletown Township, N. J.**—*On the Navesink River*, two-st'y fr. dwell; \$5,000; o., Theo. C. Blanchard, Newark; a., Hurd & Sutton, Prudential Building, Newark.
- Milburn, N. J.**—2½-st'y fr. dwell, 30' x 50'; \$7,500; o., E. N. Todd; a., George C. Palmer, 63 William St., New York City.
- Milwaukee, Wis.**—*Galena St.*, three-st'y & base. bk. & st. dwell, 30' x 70', shingle roof, hot water; \$10,000; o., Mrs. A. Samuels; a., H. J. Esser, 902 Pabst Building.
- Paterson, N. J.**—*Twenty-fifth St. and Twelfth Ave.*, 2½-st'y fr. dwell, 35' x 48'; \$8,000; o., John E. Denning; a., Chas. Sydney Keyser, Ridgewood.
- Preble, Wis.**—Two-st'y fr. dwell, 40' x 58', shingle roof, hot water; \$7,000; o., George Schober; a., F. A. Foeller, Green Bay.
- Red Bank, N. J.**—2½-st'y fr. dwell; \$12,000; o., John Morrow, 225 W. 50th St., New York City; a., Cleverdon & Putzel, 41 Union Sq., New York City.
- Richmond, Va.**—2½-st'y bk. & fr. dwell, 50' x 90', slate roof, hot water; \$8,000; o., E. G. Leigh, Jr.; a., A. F. Hunt.
- Seabright, N. J.**—2½-st'y fr. dwell, 43' x 48'; \$6,700; o., Manuel Lopez; a., R. D. Chandler, Fair Haven.
- Somerville, Mass.**—*Porter St.*, nr. Crown St., three-st'y fr. dwell, 25' x 53', flat roof, furnace; \$4,200; o. & b., W. H. Rice, 76 Willow Ave.
- Willow Ave.*, nr. Highland Ave., two-st'y fr. dwell, 28' x 43', pitch roof, furnace; \$4,000; o. & b., S. H. Lewis, 44 Kidder Ave.
- Highland Ave.*, cor. Benton St., two-st'y fr. dwell, 37' x 62', pitch roof, hot water; \$6,000; o., Dr. A. W. Furbush; b., Mack & Moore, 22 Chapman Pl., Boston.
- St. Louis, Mo.**—*Copelin Ave.*, nr. Louisiana Ave., three-st'y bk. dwell, 29' x 51' 6", slate roof, furnace; \$6,500; o., W. H. L.
- St. Paul, Minn.**—*Goodrich and Dale Sts.*, two-st'y fr. dwell, 40' x 50', pitch roof, hot water; \$8,500; o., Dr. Lufkins; a., J. W. Stevens, 592 Drake Block.
- Westfield, N. J.**—2½-st'y fr. dwell; \$6,000; o., John Ingram, Jr.; a., D. B. Provoost, Elizabeth.

BUILDING INTELLIGENCE.

(Houses Continued.)

- Yonkers, N. Y.**—*Argyle Terrace, Greystone Park*, two 2½-st'y fr. dwells; \$10,000; o., E. H. Ryan, 1123 Broadway, New York City.
- S. Broadway*, nr. Caryl Ave., five 2½-st'y fr. dwells, 24' x 48'; \$22,500; o., McKenzie Schiff, 111 Fifth Ave., New York City.
- Van Courtlandt Park Ave.*, three 2½-st'y fr. dwells, 22' x 45'; \$13,500; o., Wm. H. Lake; a., E. A. Lynde.
- OFFICE-BUILDINGS.**
- Boston, Mass.**—*Tremont St.*, nr. Hollis St., Ward 7, bk. office & store building, 30' x 81' x 96', pitch roof, steam; \$20,000; o., Sam'l B. Doggett; b., H. W. Mable; a., E. J. Lewis, Jr., 9 Park St.
- STABLES.**
- Boston, Mass.**—*Gardner St.*, rear No. 79, Ward 25, two-st'y fr. stable, 31' x 42', pitch roof; \$3,000; o., Gertrude M. Maynard; b., H. C. Witt; a., G. C. Capen, 85 Water Street.
- Brooklyn, N. Y.**—*Neptune Ave.*, nr. Stillwell Ave., two-st'y fr. stable, 64' x 156', iron roof; \$2,500; o., A. G. White, Park Ave. & 32d St., New York; a., G. W. Brandt, 233 Greene Ave.
- Homecrest Ave.*, nr. Avenue V, 1½-st'y fr. stable, 17' 6" x 33', shingle roof; \$700; o., John B. Buckley, 317 W. 64th St.; a., Rob't Glenn, 2958 Third Ave., New York.
- Covert St.*, nr. Evergreen Ave., one-st'y fr. stable, 25' x 40', gravel roof; \$600; o., C. F. H. Haas, 136 Covert St.; a., W. B. Willis, 17 Troutman St.
- Flatbush Ave.*, cor. Germania Pl., 1½-st'y fr. stable, 18' x 46'; \$500; o., Germania Real Estate & Improvement Co., 1544 Flatbush Ave.; a., A. W. Pierce, 1127 Flatbush Ave.
- Germania Pl.*, nr. Flatbush Ave., two-st'y fr. stable, 20' x 50'; \$1,000; o., Germania Real Estate & Improvement Co., 1544 Flatbush Ave.; a., A. White Pierce.
- New York, N. Y.**—*Wendover Ave.*, cor. Vanderbilt Ave., four-st'y & base. fr. stable, 60' x 75', to contain 64 stalls; \$6,000; a., E. Werner, 171st St. & 3d Ave.
- Creston Ave.*, cor. 182d St., 1½-st'y fr. stable, 21' 6" x 30', shingle roof; \$800; o., A. Buckley, 516 E 181st St.
- South Orange, N. J.**—Two-st'y fr. stable; \$2,000; o., Wm. A. Brewer, Jr.; a., Stephenson & Green, 5 Beekman St., New York City.
- TENEMENT-HOUSES.**
- Brooklyn, N. Y.**—*Stuyvesant Ave.*, nr. Hancock St., four-st'y bk. flat, 30' 6" x 70' 6"; \$16,000; o., Edw. J. Maguire, 1294 Fulton St.; a., A. S. Hedman, Arbuckle Building.
- Stuyvesant Ave.*, cor. Hancock St., four-st'y bk. flat, 22' x 70'; \$12,000; o., Edward J. Maguire, 1294 Fulton St.; a., A. S. Hedman, Arbuckle Building.
- Bedford Ave.*, nr. Butler St., four-st'y bk. flat, 27' x 64'; \$12,000; o., James Burke, 336 Gates Ave.; a., J. L. Young, 1221 Fulton St.; not let.
- Bedford Ave.*, cor. Butler St., four-st'y bk. flat, 21' x 81' 11", 7 families; \$14,000; o., James Burke; a., J. L. Young.
- Chicago, Ill.**—*Garfield Boulevard*, No. 1205, three-st'y bk. flat, 25' x 60'; \$7,000; o., M. Sullivan; b., E. Slattery & Son.
- New York, N. Y.**—*Orchard St.*, cor. Delaney St., six-st'y bk. st. & terra-cotta store & flats, 25' x 82' 6"; \$25,000; o., Levin & Mandel, 1215 Third Ave.; a., Horenburger & Straub.
- South St.*, cor. Jackson St., six-st'y bk. store & flat, 50' x 79' 6"; \$50,000; o., Barnett Cohen, 58 Forsyth St.; a., Sam'l Saxe, 23 Park Row.
- W. Twenty-eighth St.*, No. 332, five-st'y & base. bk. flats, 25' x 83' 7"; \$30,000; o., Emelina de Castroverde, 51 W. 25th St.; a., Louis Korn, 37 Maiden Lane.
- Ninety-eighth St.*, nr. 2d Ave., 5 five-st'y bk. tenements, 25' 8" x 80' 8"; \$90,000; o., Henry Hanlein, 401 E 103d St.; a., Franklin Baylies, 51-52 Bible House.
- Park Ave.*, nr. 171st St., 2 four-st'y bk. flats, 25' x 75'; \$30,000; o., Abraham Farber, 534 Willis Ave.; a., W. C. Dickerson, 149th St. & 3d Ave.

COMPETITIONS.

CHURCH AND PARSONAGE.

[At Columbus, O.] Plans are wanted by the Cumberland Presbyterian Society, Charles G. Watson, pastor, for a \$20,000 church and parsonage, to be built on 2d Avenue and Highland Street.

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[At New York, N. Y.]

Architects experienced in hospital designing are invited to submit plans for a six-story fireproof hospital building, 78' x 112', to cost about \$75,000, and to be erected on the northwest corner of Jefferson and Cherry Sts., for the Beth Israel Hospital, 206 E. Broadway. For particulars address HARRY FISCHER, 215 E. Broadway, Chairman of Building Committee, before November 1.

1192

SCHOOL-HOUSE.

[At Wheaton, Minn.]

Independent School District No. 32 of Wheaton, Minn., proposes to erect a new school-building to cost from \$12,000 to \$14,000. The Board of said district hereby gives notice that it will be pleased to receive from architects plans and specifications for such a building. Plans may be sent for inspection and correspondence concerning the same addressed to the undersigned, clerk of said district. T. K. MORK, Clerk.

1192

SOCIETY OF BEAUX-ARTS ARCHITECTS.
SEASON 1898-99.

A PALM HOUSE.

[CLASS B, SKETCH PROGRAMME, NO. 3.]

COMPETITION NO. 29.

The Committee on Education proposes as a subject for competition, "A Palm House."

This structure is to be constructed chiefly of ornamental iron and glass.

No restrictions are made regarding the dimensions, style of architecture, or method of rendering the sketch, but the drawing is limited to a single sheet of paper about 14" x 20".

Scale: Plan and section must be shown at 1-16" scale. Elevation or perspective at 1-8" scale.

Each competitor is required to design and render the problem unaided, and to devote but 18 hours of actual work upon it.

The finished sketch must be sent flat, unmounted, on or before Tuesday, October 25, 1898, to Edward L. Tilton, Chairman, 32 Broadway.

These drawings will be exhibited and judged at the next regular exhibition of the Society.

A mention awarded for this sketch will count as a half-value.

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

Students will be required to obtain four values in Class B before being eligible to Class A. The values will count as follows:—

Mention for a sketch problem equals ½ value.
Second mention for an order problem equals 1 value.
First mention for an order problem equals 1½ value.
Second mention for a plan problem equals 1 value.
First mention for a plan problem equals 2 values.
At least one of these values must be for an order problem.

(Continued on page xiv.)



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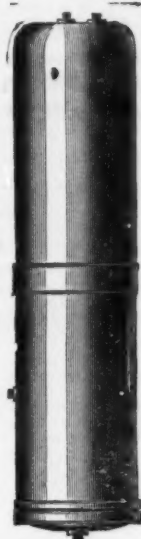
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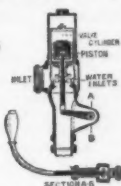
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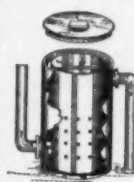
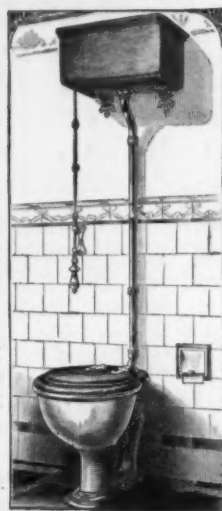


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COMPETITIONS.

(Signed) **EDWARD L. TILTON, Chairman,**
WALTER COOK,
EDWARD P. CASEY,
THOMAS HASTINGS,
THORNTON F. TURNER,
Committee on Education.
New York, October 15, 1898.
Date of following competition: Sketch Programme will be issued January 16, 1899.
Sketch will be rendered January 24, 1899.

This slip must be sent with the sketch.

This is to affirm that I have designed, drawn and rendered the accompanying sketch myself, unaided, excepting only criticism of others and reference to books, photographs, etc., and that not more than 18 hours of actual work have been devoted to its execution.

Signed _____

ORDER PROBLEM, GREEK IONIC.

[CLASS B, ORDER PROGRAMME NO. 8.]
COMPETITION NO. 30.

The Committee on Education proposes as a subject for competition, "Order Problem, Greek Ionic." This programme will be judged especially on the merits of the details, which need to be carefully drawn and rendered.

REQUIREMENTS.

Facade of a Greek Ionic Temple. Distyle in Antis. The width of facade not to exceed 30'.
Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following named sketch on tracing-paper: Facade drawn to scale of 1-8" to the foot.

Finished Drawings Required: Facade of temple to the scale of 1-4" to the foot. Details of entablature, capital and base at one-fourth full size. Drawings may be rendered in water-color or India-ink, at student's option.

Drawings to be mounted on stretchers and forwarded, on or before January 17, 1899, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

- First.—If the sketch is carelessly drawn.
- Second.—If the limits set by the programme are exceeded.
- Third.—If the rendered drawings differ essentially from the sketches.
- Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

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

Students will be required to obtain four values in this class before being eligible to Class A. The values will count as follows:—
Mention for a sketch problem equals 1 value.
Second mention for an order problem equals 1 value.
First mention for an order problem equals 1 value.
Second mention for a plan problem equals 1 value.
First mention for a plan problem equals 2 values.
At least one of these values must be for an order problem.

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

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.
Drawings will be rendered April 18, 1899.

A CARRIAGE-HOUSE AND STABLE.

[CLASS B, PLAN PROGRAMME NO. 7.]

COMPETITION NO. 31.

The Committee on Education proposes as a subject for competition, "A Carriage-house and Stable." This building is supposed to be the carriage-house and stable of a suburban resident. It may be constructed of any approved material.

COMPETITIONS.

REQUIREMENTS.

First Floor: Paved court with glazed roof over part to permit carriage-washing, etc. Carriage-house about 2,500 square feet. Four rooms for men. Four box-stalls about 10' x 10'. Nine stalls about 5' x 10'. Harness-rooms. Workshop, store-rooms and stairs to hay-loft.

Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following three named sketches on tracing-paper: First floor plan, front elevation and section, all to a scale of 1-32" to the foot.

Finished Drawings Required: First and second floor plans and section at the scale of 1-16" to the foot; front elevation at the scale of 1-8" to the foot. A single human figure to be drawn on the elevation.

These drawings may be rendered in water-color or India-ink.

Drawings to be mounted on stretchers and forwarded, on or before January 17, 1899, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

- First.—If the sketch is carelessly drawn.
- Second.—If the limits set by the programme are exceeded.
- Third.—If the rendered drawings differ essentially from the sketches.
- Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

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

Students will be required to obtain four values in this class before being eligible to Class A. The values will count as follows:—

Second mention for an order problem equals 1 value.
First mention for an order problem equals 1 value.
Second mention for a plan problem equals 1 value.
First mention for a plan problem equals 2 values.
Mention for a sketch problem equals 1 value.
At least one of these values must be for an order problem.

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

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.
Drawings will be rendered April 18, 1899.

A HOTEL IN A CITY.

[PROGRAMME A, NO. 14.]

COMPETITION NO. 32.

The Committee on Education proposes as a subject for competition, "A Hotel in a City."

This building has streets on three sides. It is to be of fireproof construction, ten stories high. The width of main facade must not exceed 200 feet, exclusive of steps, carriage-porches and similar accessories, which must not exceed 20 feet each end and in front. Depth of main building not to exceed 200 feet.

REQUIREMENTS.

First Floor: Entrance-halls and offices; large dining-room with serving-rooms adjoining; billiard-room, café, smoking-room, two or more parlors, main staircases and service stairs, elevators, toilet and check-rooms.

Second Floor: Rooms arranged in suites of parlor-chamber and bath.

Sketches Required: Students intending to compete are required to send, on or before November 1, 1898, to Edward L. Tilton, Chairman, 32 Broadway, New York, the following three named sketches on tracing-paper: Plan of first floor and section from front to rear at a scale of 1-32" to the foot; elevation at a scale of 1-16" to the foot.

Finished Drawings Required: First and second floor plan and section from front to rear at a scale of 1-16" to the foot; elevation at a scale of 1-8" to the foot. A single human figure to be drawn on the elevation.

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Drawings to be mounted on stretchers and forwarded, on or before January 17, 1899, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

NOTICE.

Non-observance of the following conditions will render a student liable to be thrown *hors de concours*:-

- First.—If the sketch is carelessly drawn.
- Second.—If the limits set by the programme are exceeded.
- Third.—If the rendered drawings differ essentially from the sketches.
- Fourth.—If the drawings are not delivered to Messrs. Budworth & Son, or to the Express Co., or Carrier, on the date mentioned, viz., January 17, 1899.

NOTE.—This competition is restricted to students having already obtained a mention in Class A, or having already obtained four values in Class B.

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

New York, October 15, 1898.

Date of following competition: Programme will be issued January 16, 1899.
Drawings will be rendered April 18, 1899.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., October 22, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 22d day of November, 1898, and then opened, for the construction (except heating apparatus, elevator and electric-wire conduits) of the United States Court-house and Post-office building at Norfolk, Va., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of Wyatt & Nutting, No. 4 East Lexington St., Baltimore, Md. **JAMES KNOX TAYLOR**, Supervising Architect. 1193

COURT-HOUSE.

[At Garner, Ia.]

Sealed proposals will be received until November 14 for the erection of the Hancock County Court-house, plans for which were drawn by F. W. Kinney, architect, Austin, Minn. 1192

HEATING APPARATUS.

[At Baltimore, Md.]

Proposals will be received by the Board of Directors of the Maryland Penitentiary, at the office of John F. Weyer, warden, until 12 M., November 2, for the electric-lighting power, heating and ventilating plants, refectory, painting, plastering and finishing the executive and warden's buildings at the Maryland Penitentiary. Drawings and specifications can be seen at the office of Jackson C. Gott, architect, or Herbert G. Geer, engineer, southeast corner Charles and Fayette Sts., Baltimore. **JOHN F. WEYER**, warden. 1192

COUNTY JAIL.

[At Keyser, W. Va.]

Bids will be received by the County Clerk until February 10 for constructing a new County Jail; estimated cost, \$10,000. 1192

Professional Ethics.

The following . . .

. . . CODE OF ETHICS . . .

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION 14. It is unprofessional to enter into competition with or to consult with an 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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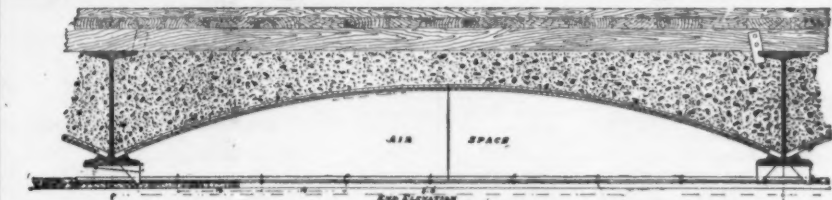
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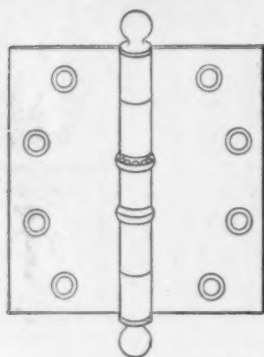
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Foundation:				
Dimension.....	5 00 Per ton.		20 @ foot	5 00
Block.....	4 60 Per perch.		10 00 @ cord	Conshocken
Rubble.....	1 25 @ 1 50		9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	80 @ 90			95 @ 1 05
Kibbe.....	90 @ 1 00			1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 1 10		1 50 @ cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 95		45 @ 55	85 @ 95
Berea ".....	75 @ 1 00		45 @ 55	85 @ 95
Berlin ".....	75 @ 1 00		45 @ 55	85 @ 95
Belleville.....	80 @ 1 25		45 @ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	80 @ 1 00		Not sold.	1 05 @ 1 15
Potomac Red.....	1 30 @ 1 40		1 55	1 05 @ 1 40
Ocean.....	1 05 @ 2 00			1 25 @ 1 35
Carlisle, English.....	1 05 @ 1 05			25 @ 1 05
Corse Hill (Scotch).....	1 05 @ 1 05			25 @ 1 05
Granite: (Maine)			80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25		20 @ 40	75 @ 85
Joliet.....	1 00			Richmond
Lemont.....				75 @ 1 50
Serpentine.....		10 50 per ton.		Perch 4 50 @ 5 50
Bluestone: (Per sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	75	1 00 @ 1 25	37 @ 50
Marble: (Per cu. ft.)				
Leo, Mass.....	1 25 @ 1 75	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.....		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.	4 00 @ 6 00
Tennessee, red.....			4 40	3 00 @ 4 00
Knockville.....			4 40	2 00 @ 3 00
Pennsylvania, blue.....			Not sold.	2 25 @ 3 00
Vermont, white.....			3 50 @ 6 00	
Slate: Roofing (Per square).....				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 80
unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75		4 50 @ 5 50	4 00 @ 4 35
Chapmans.....			5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... Per M.			Salt-glazed tiles	28 00
N. Peach Bottom, war. unfading			9 75 sc. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER.—Per M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	55 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 45 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	20 @ 25 00	12 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	14 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....		26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....		35 00 @ 55 00	35 00 @ 30 00	14 00 @ 25 00
Spruce.....		24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	13 00 @ 16 00	15 50 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 00 @ 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.....			16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood		2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	@ 1 75	1 80 @ 2 15	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... Per M.	5 00 @ 6 00		Not sold.	
Pine, sawed..... ".....	4 00 @ 5 00		2 80 @ 2 75	
Spruce, sawed..... ".....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... ".....	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	
Cedar split..... Per M.			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		

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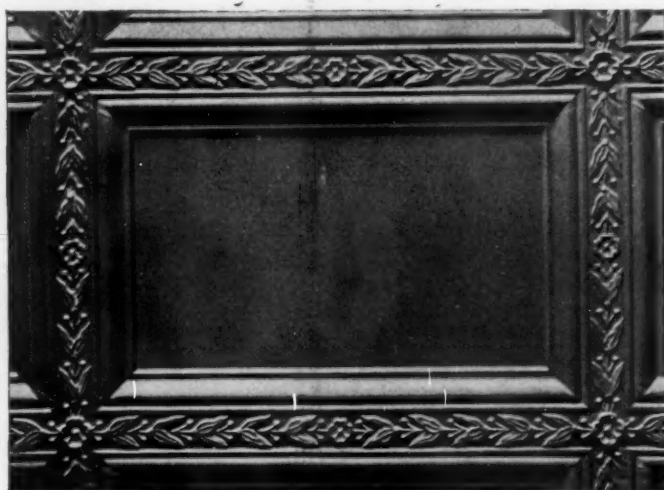
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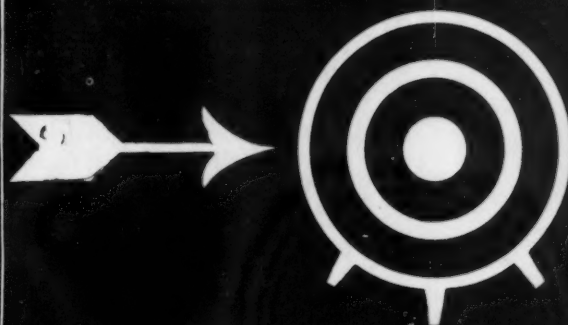
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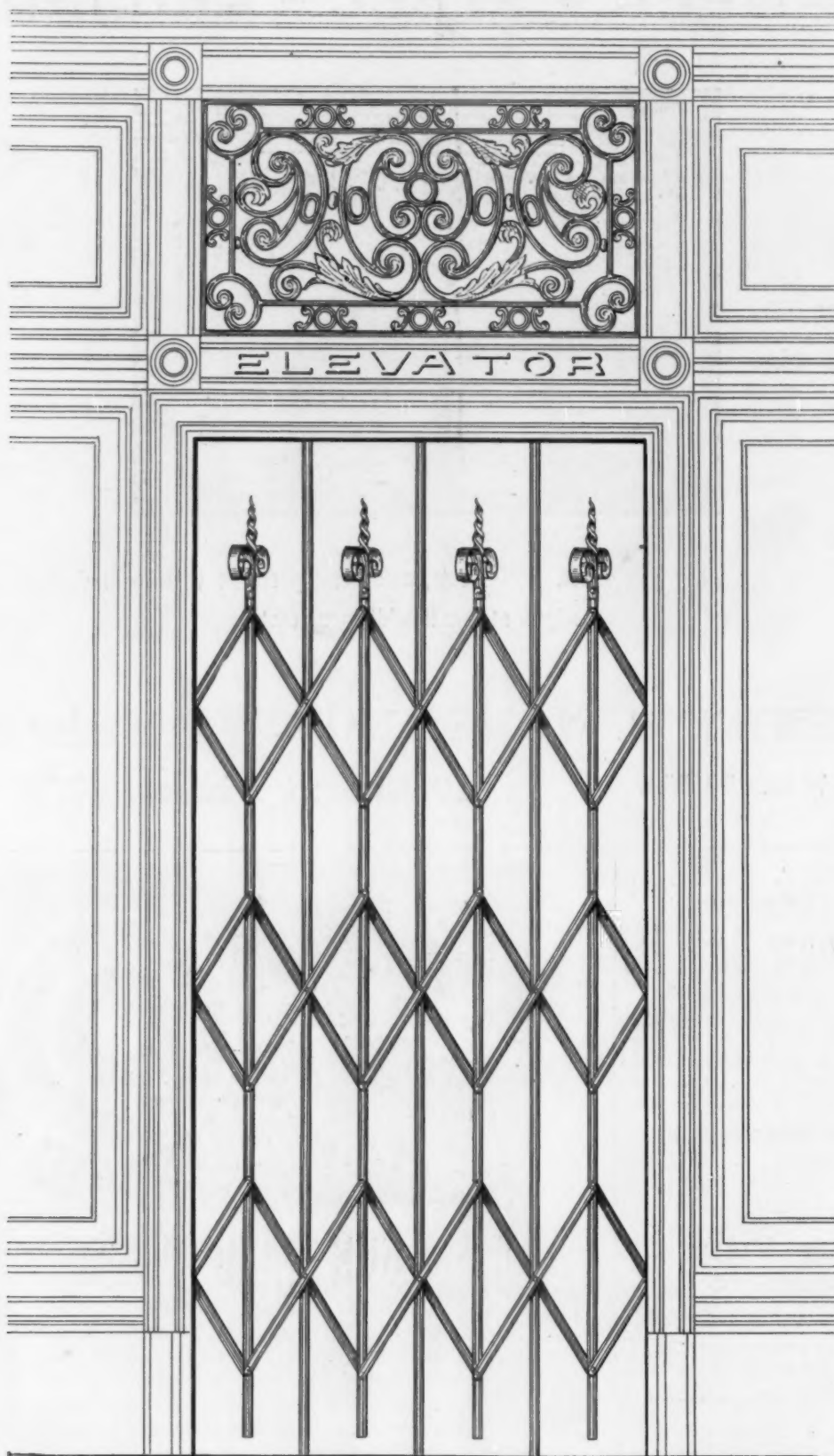
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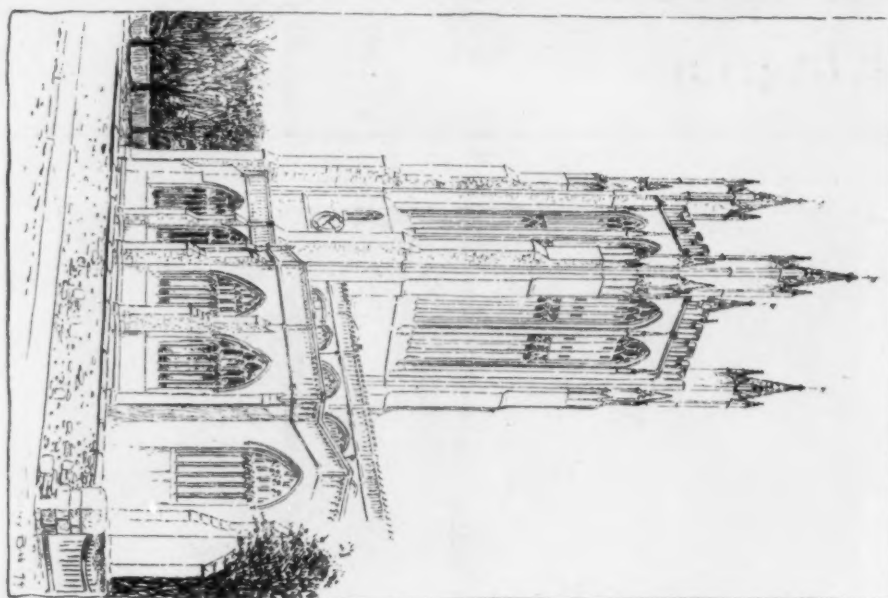
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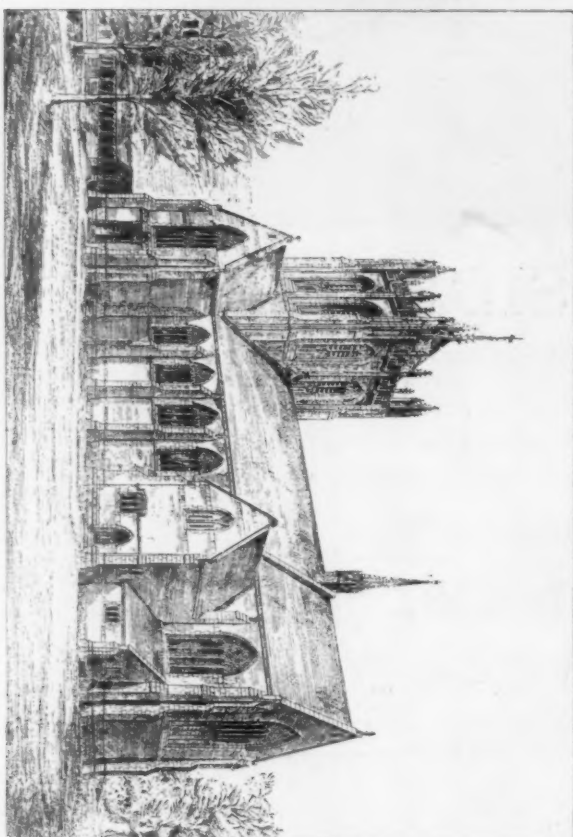
AGENTS: V. H. Schneider, 12 Wooster St., New York; Samuel H. French & Co., Philadelphia, Pa.; Charles J. Waterhouse, San Francisco, Cal.; P. H. Mathews, Los Angeles, Cal.; Whitelaw Brothers, St. Louis, Mo.; George H. Lawes & Co., St. Paul, Minn.; John H. Corning, Washington, D. C.; Brady & Co., Detroit, Mich.; The National Building Supply Co., Baltimore, Md.; C. H. Brown & Co., Seattle, Wash.; Cleveland Builders' Supply Co., Cleveland, O., and all other central points.



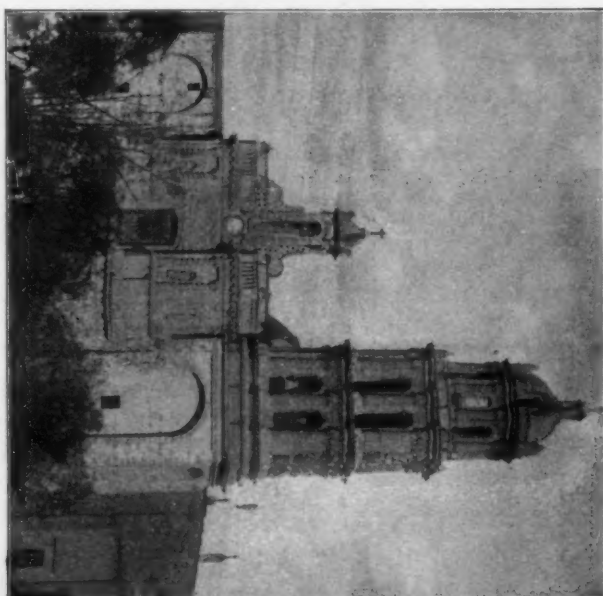
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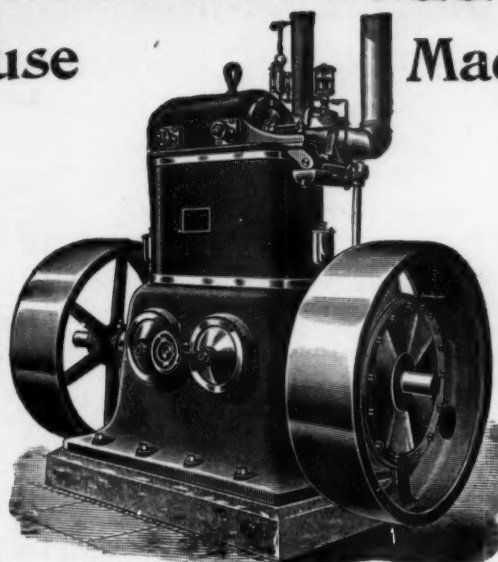
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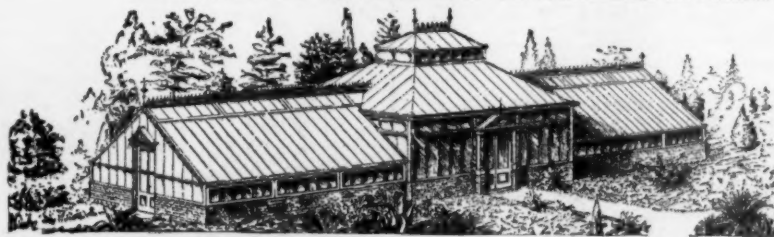
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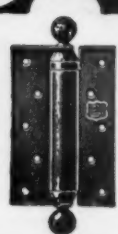
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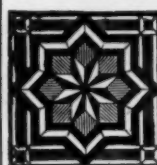
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Buffalo, N. Y. — The plans of Rob't A. Wallace, 14 D. E. Morgan Building, have been approved for School No. 19; estimated cost, \$70,000.

Chambersburg, Pa. — The Trustees of Wilson College have decided to erect a \$75,000 building for dormitory, dining and class purposes. S. A. Martin, Pres. Rev. Tunis Hamlin, Church of the Covenant, Washington, D. C.; Rev. Geo. B. Stewart, Harrisburg, and George H. Stewart, Shippensburg, were appointed to aid in the work.

Chicago, Ill. — Report states that Howard Shaw, 115 Monroe St., has prepared plans for a three-story brick building to be built on 13th St., between Wabash and Michigan Aves., for M. D. Wells, to cost \$15,000.

Cleveland, O. — Charles W. Hopkinson, architect, 50 Euclid Ave., has made plans for the "Social Settlement" building, to be erected by John D. Rockefeller. It will be 70' x 100', three stories high, built of pressed brick and stone, slate roof, and cost about \$42,000.

Des Moines, Ia. — Henry Riegelman is at the head of a syndicate which proposes the erection of a thoroughly modern apartment-house at 6th Ave. and Park St. It is to be about 130' x 130', seven stories high, of brick and stone, with all modern conveniences, elevators, etc. Two sets of plans have been prepared for buildings to cost \$125,000 and \$217,000 respectively, and the cost will depend on the outcome of certain financial negotiations now pending. The C. E. Eastman Co. prepared the plans.

Englewood, N. J. — The congregation of St. Paul's Episcopal Church is said to be considering the matter of erecting a \$35,000 edifice.

Harvey, Ill. — Oscar L. Murray, Chicago, has prepared plans for the new \$35,000 high-school building to be erected here.

Jersey City, N. J. — The following Directors of Education have organized as a committee to secure a suitable site for a new high-school building to cost \$300,000: F. J. Mersheimer, Thos. J. Higgins, Dr. Mooney, John Nimmo, John Mahony and Henry Egbert. Director Mersheimer will be chairman. It is probable that a site on Jersey City Heights will be selected. Before any definite action is taken the entire Board will carefully examine the site.

Lancaster, O. — The John Rouser Co., of Dayton, have received the contract for the superstructure of Boys' Industrial School, at \$14,838.

Milwaukee, Wis. — Plans have been prepared by H. C. Koch & Co., 160 New Ins. Building, and contracts will shortly be let for a \$35,000 building to be used as a parochial school and assembly-hall by the Gesu parish.

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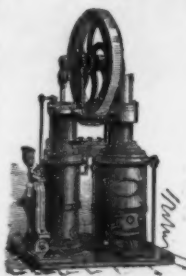
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Monmouth, Ill. — Caldwell & Drake, Columbus, Ind., have received the contract for a \$25,000 school.

Newport, R. I. — J. D. Johnson, 69 Mill St., has prepared plans for the new City-hall, to cost about \$125,000.

New York, N. Y. — Press reports state that Weber & Fields contemplate erecting an eight-story theatre and office-building on the corner of Broadway and 29th St., and for which plans are now being prepared.

J. Pierpont Morgan has purchased for \$148,000 a site for a new club-house for the New York Yacht Club, and presented it to the Club. The new club-house will be built on a plot 75' x 100', which is numbered 37, 39 and 41 W. 44th St. \$75,000 have been subscribed toward the building itself.

Philadelphia, Pa. — A large addition to the stable of the Bryn Mawr Hotel is contemplated. The plans call for the erection of an upper story, which will contain sleeping-rooms for 100 servants.

Salem, Mass. — Plans for a new police-station have been approved by the County Commissioners, and by the judge of the District Court. The latter had

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

been consulted, because the new building is to contain a district court-room.

San Francisco, Cal. — The plans prepared by T. J. Welsh, 95 Flood Building, for a twelve-room school-building to be erected on the corner of 23d and Douglass Sts., have been accepted by the Board of Education. The building will cost about \$30,000.

Sault Ste. Marie, Mich. — A. T. Riley, architect, has prepared plans for an academy for the Sisters of Loreto. Specifications: Four-story, 62' x 75', shingle and tin roof and steam heat. Contracts will be let at once; cost, \$10,000.

White Plains, N. Y. — The Westchester County Historical Society are contemplating the erection of a suitable building for the society's purpose and for the preservation of relics and treasures. Col. Alvah P. French, of Mt. Vernon, is actively interested in the project.

ALTERATIONS AND ADDITIONS.

Newton, Mass. — Otis St., two-sty addition; 31' x 36', furnace; \$8,000; o., F. F. Raymond; b., W. H. Wilson.

Newton, N. J. — One-sty bk. addition to silk-mill, 197' x 208'; \$30,000; o., Sterling Silk Co.; a., M. Houman; Paterson.

Rock Island, Ill. — Remodelling hotel; \$25,000; o., S. Harper; a., Clinton J. Warren, 904 Ft. Dearborn Building, Chicago.

APARTMENT-HOUSES.

Brooklyn, N. Y. — Nostrand Ave., cor. Prospect Pl., four-sty bk. store & flat, 26' x 95'; \$22,000; o., John Fraser, 44 Rochester Ave.; a., A. S. Hedman.

Chicago, Ill. — Vincennes Ave., Nos. 4741-46, 5 three-sty bk. flats, various dimensions; \$80,000; o., Collins & Morris; b., Harper Bros.; a., Simeon B. Eisendrath, 1439 Marquette Building.

Graceland Ave., opp. Pine Grove Ave., three-sty bk. & st. apart., 95' x 225', gravel roof, steam; \$100,000; o. & b., Engstrand, Lothgren & Co., Room 206, 100 Washington St.; a., A. G. Lund.

Vincennes Ave. and Forty-fifth St., four-sty st. apart., 50' x 115', comp. roof, steam; \$35,000; a., C. W. Van Keuren, 121 La Salle St.

Twenty-eighth St., cor. Wabash Ave., three-sty & base, st. & bk. apart., 50' x 125', comp. roof, steam; \$36,000; o., Mrs. Diana B. Chaffee; b., Fidelity Construction Co., 512 Ft. Dearborn Building.

Waveland Ave., nr. Osgood St., three-sty st. & bk. apart., 50' x 92', comp. roof, steam; \$24,000; a., Edw. Benson.

Indianapolis, Ind. — Three-sty fr. store & flat, comp. roof, furnace; \$35,000; o., Alex. Taggart; a., D. A. Bohlen & Son, Majestic Building.

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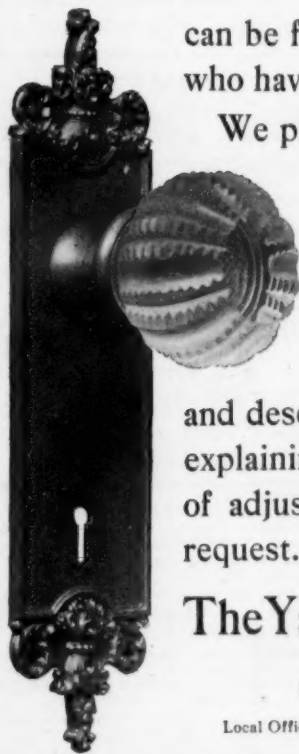
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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Morristown, N. J.—Clinton Pl., three-st'y st. & fr. flat, 40' x 73'; \$10,000; o., Orion H. Hughson; a., H. W. Meeker.

New York, N. Y.—W. Central Park, nr. 90th St., seven-st'y bk. apart., 59' x 87'; \$95,000; o. & b., Thos. J. McGuire, 908 St. Nicholas Ave.; a., Harry T. Howell.

Columbia St., No. 96, six-st'y bk. store & flat, 25' 11" x 87' 2"; \$25,000; o., Solomon & Lemontz, 96 Columbia St.; a., Michael Bernstein, 145 Centre St.

St. Louis, Mo.—Olive St., nr. Whittier St., two-st'y bk. stores & flats, 52' x 141'; \$12,630; o., Samuel Simmons, 500 Columbia Building; a., Alfred M. Baker.

EDUCATIONAL.

North Tarrytown, N. Y.—Three-st'y bk. & st.

BUILDING INTELLIGENCE.

(Educational Continued.)

school; \$50,000; o., Board of Education; a., H. S. Minnerly, Tarrytown.

Somerville, Mass.—Washington St., nr. Dane St., two-st'y & base, bk. & terra-cotta school of six rooms; \$23,300; o., Board of Education; a., Prescott & Sidebottom, 113 Devonshire St., Boston.

FACTORIES.

Brooklyn, N. Y.—Second Ave., nr. 9th St., two-st'y bk. factory, 85' x 95'; \$10,000; o., Bay Ridge Bagging Co., 67 Wall St., New York City; a., W. Higginson, 108 Fulton St., New York City.

Chicago, Ill.—S. Green St., Nos. 46 50, five-st'y bk. factory, 80' x 121'; \$75,000; o., John McMahon; b., A. Burke; a., F. B. Abbott.

Twelfth St. and Washtenaw Ave., fr. building for a machine & erecting shop; \$25,000; o., Fraser & Chalmers; a., Fritz Foltz.

BUILDING INTELLIGENCE.

(Factories Continued.)

Peoria, Ill.—Water and Cedar Sts., three-st'y bk. factory, 85' x 165'; comp. roof, steam; \$15,000; o., Peoria Cordage Co.; a., Wechsberger & Hewitt, Arcade Building.

St. Louis, Mo.—Second and Clark Sts., 4½-st'y factory, 70' x 136'; \$10,000; o., Mary Forster; b., Neier & Meug, 1422 S. 11th St.

Sutersville, Pa.—Four-st'y bk. & steel fr. brewery, 85' x 105', comp., slate & tile roof, steam; \$60,000; o., West Moreland Brewing Co.; a., Gustav A. Mueller, 1115 Union Trust Building, Detroit, Mich.

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Madison, Ill.—Two st'y & base. fr. hotel, 72' x 136',
shingle roof, steam; \$12,000; o. Mr. Holmes, 113
Union Trust Building, St. Louis, Mo.; a. M. T. O.
Allardt, 313 Pine St., St. Louis, Mo.

Sweet Springs, Mo.—Three-st'y bk. hotel, 96' x
130', tin roof, steam; \$30,000; o. Mayfield Bros.,
St. Louis; a. R. C. Ferguson, Commercial Build-
ing, St. Louis.

HOUSES.

Bayswater, L. I., N. Y.—Four two-st'y fr. dwells.
& stables; \$30,000; o. John Brosnan; a. A. J. Bo-
gart, Far Rockaway.

Boston, Mass.—Esmond St., nr. Blue Hill Ave.,
Ward 20, 24-st'y fr. dwell., 26' x 39', pitch roof, fur-
nace; \$6,000; o. Mary A. Bonner; a. C. J. Bate-
man.

**Morrill St., nr. Bakersfield St., Ward 20, 2 two-
st'y fr. dwells., 24' x 25', pitch roofs, furnaces;
\$8,000; o. b. George W. Oliver, Milton.**

**London St. and Brighton Ave., Ward 25, 2 two-st'y
fr. dwells., 15' x 32' x 40', pitch roofs, hot water;
\$12,000; o. Rebecca Hill; b. Joseph Muldoon, 83
Elmira St., Brighton.**

**Greenbriar St., cor. Dakota St., Ward 20, two-st'y
fr. dwell., 27' x 31' x 41', pitch roof, furnace; \$5,500;
o. b. G. L. Davidson, 69 Harvard St., Dorchester.**

**Greenbriar St., nr. Tonaunda St., Ward 20, two-
st'y fr. dwell., 27' x 40', pitch roof, furnace; \$4,000;
o. W. V. Tripp; b. Wilkinson & Ewell; a. E. J.
Lewis, Jr., 9 Park St.**

**Bloomfield St., nr. Greenbriar St., Ward 20, two-
st'y fr. dwell., 27' x 50', pitch roof, furnace; \$5,000;
o. b. Lewis S. Galloupe, 12 Intervale Park, Dor-
chester.**

**Parker Hill Ave., nr. Hillside St., Ward 19, three-
st'y fr. dwell., 21' x 51', flat roof, stoves; \$4,500; o.
William J. Maguire; a. b. J. J. Galvin, Hotel
Langham.**

**Fairbanks St., nr. Washington St., Ward 25, two-
st'y fr. dwell., 26' x 42', pitch roof, furnace; \$4,500;
o. Annie Rourke; b. D. S. Bear, 49 Gardner St.**

**Michigan Ave., No. 81, Ward 20, two-st'y fr.
dwell., 28' x 43', pitch roof, furnace; \$4,000; o. b.
J. D. McKay, 109 Glenway St., Dorchester.**

**Greenbriar St., nr. Bloomfield St., Ward 20, two-
st'y fr. dwell., 28' x 35', pitch roof, furnace; \$4,000;
o. a. b. Sundberg & McAuley, 15 Chapman Ave.,
Dorchester.**

**Weld Hill St., nr. Hyde Park Ave., Ward 23, two-
st'y fr. dwell., 28' x 46', pitch roof, furnace; \$4,000;
o. Kath. Brannies; b. John M. Brannies.**

**Central Sq., No. 7, Ward 1, three-st'y fr. dwell. &
store, 21' x 61', flat roof, hot water; \$6,500; o.
Mabel D. Braydon; b. Foush & Wangler, 7 Mansur
St., Roxbury.**

**Landseer St., nr. La Grange St., Ward 23, two-
st'y fr. dwell., 37' x 51', gambrel roof, furnace;
\$4,500; o. N. W. Bowes, 40 Water St.; a. b. J. J.
Garrett.**

**Middle St., No. 40, Ward 14, two-st'y fr. dwell.,
26' x 60', pitch roof, stoves; \$4,500; o. Margaret
Fitzgibbons; b. John A. Kennedy, 38 Middle St.,
S. Boston.**

**Mt. Ida Road, nr. Patosi St., Ward 20, two-st'y
fr. dwell., 28' x 46', pitch roof, furnace; \$4,500; o.
Edward Gately; b. S. L. Sullis; a. Edwin J. Lewis,
Jr., 9 Park St.**

**Charlotte St., nr. Blue Hill Ave., Ward 20, two-
st'y fr. dwell., 34' x 50', flat roof, furnace; \$6,500;
o. Edward Murphy, Washington St., opp. Essex
St.**

**Peters St., nr. E. 7th St., Ward 14, three-st'y fr.
dwell., 21' x 55', flat roof, stoves; \$4,000; o. Annie
M. Bernig; b. Joseph E. Keyes, 11 Pleasant St.**

**P St., Nos. 81-83, Ward 14, 2 three-st'y fr. dwells.,
27' x 44', flat roofs, stoves; \$9,000; o. a. b. A. H.
Flint, 614 Sixth St., S. Boston.**

Brooklyn, N. Y.—Pacific St., nr. Howard Ave., six
24-st'y bk. dwells., 20' x 49'; \$27,000; o. Frank J.
Dowling, 2063 Pacific St.; a. J. L. Young.

**Eighty-fourth St., nr. 11th Ave., 24-st'y fr. dwell.,
30' x 62'; \$9,500; o. Simon Sailla, 159 President St.;
a. J. J. Petit.**

Chester, Conn.—24-st'y st. dwell., 47' x 60'; \$7,000;
o. Benj. E. Harwood; a. Fletcher & Thain, 42 E.
23d St.

Chicago, Ill.—Grand Boulevard, Nos. 4527-29, 2
three-st'y bk. dwells., 21' x 81' & 24' x 81'; \$18,000;
o. a. Wilson & Marshall; b. S. J. Niehien.

Eastwood Ave., nr. Sheridan Road, 2 two-st'y st.

BUILDING INTELLIGENCE.

(Houses Continued.)

**dwell., 22' x 53', comp. roofs, hot air; \$12,000; o. &
a. Niels Buck, 125 La Salle St.**

**Kenilworth St., 2 two-st'y fr. dwells., 40' x 48',
shingle & tin roofs, hot water; \$12,000; o. Joseph
Sears, Evanston; a. F. P. Burnham & Co., 801 At-
wood Building.**

Columbus, O.—Two-st'y bk. dwell., 32' x 40', tile
roof, furnace; \$5,000; o. L. Hicklen; a. C. W.
Hart & Co.

Detroit, Mich.—Chandler Ave., 24-st'y bk. dwell.,
40' x 50', slate roof, furnace; \$5,000; o. John An-
trobue, 76 Chandler Ave.

East Orange, N. J.—Dodd St., 24-st'y fr. dwell.;
\$5,000; o. David A. Dodd.

Far Rockaway, N. Y.—Two-st'y fr. dwell., 37' x 44',
\$4,500; o. Archie Butler.

Flushing, N. Y.—Four three-st'y & base. fr. & bk.
dwells., \$20,000; o. Rev. M. J. Peran, 125 E. 105th
St.; a. Neville & Bagge, New York City.

Greenwich, Conn.—Bell Haven, 24-st'y fr. dwell.,
35' x 60'; \$20,000; o. Edgar M. Corbett, 102 Prince
St., New York City; a. Wm. B. Tubby, 81 Fulton
St.

**24-st'y fr. dwell.; \$8,000; o. Mrs. J. G. Lyon; a.
Harry C. Pelton, 1133 Broadway, New York City.**

Hanover, N. H.—24-st'y fr. double dwell.; \$7,000;
o. Dartmouth College Corporation; a. Lamb &
Rich, 35 Nassau St., New York City.

Maywood, N. J.—24-st'y fr. dwell.; \$6,000; o. Geo.
A. Jaeger, 136 Mulberry St., New York City; a.
Henry Ihnen, New York City.

Milwaukee, Wis.—Eleventh St., two-st'y & base.
bk. dwell., 31' x 60', gravel roof, hot water; \$5,000;
a. Rische & Kisselich.

Newton, Mass.—Parlow Hill, Ward 7, two-st'y fr.
dwell., 29' x 50', pitch roof, furnace; \$7,000; o. H.
F. Perinton.

**Irvington St., Ward 5, two-st'y fr. dwell., 30' x
50', hip roof, furnace; \$5,500; o. b. F. S. Small.**

**Centre St., Ward 7, four-st'y bk. dwell., 45' x 80',
flat roof, steam; \$25,000; o. R. C. Taylor; b. H. F.
Ross Co.**

**Centre St., Ward 7, four-st'y bk. dwell., 95' x 96',
flat roof, steam; \$30,000; o. R. C. Taylor; b. H. F.
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New York, N. Y.—Ogden Ave., nr. 161st St., two-
st'y fr. dwell., 32' x 43' 8", shingle roof; \$9,000; o.
Oscar Willgerodt, 243-245 Sixth Ave.; a. J. I.
Campbell, 29 E. 19th St.

Nutley, N. J.—Three 24-st'y fr. dwells.; \$12,000; o.
& a. W. A. Lambert, 99 Nassau St., New York
City.

Racine, Wis.—24-st'y fr. dwell., shingle roof, hot
blast; \$28,000; o. E. Hoernell; a. D. R. Davis, 100
Center St.

St. Louis, Mo.—Maryland St., nr. Taylor St., 3
two-st'y bk. dwells., 27' x 50', \$13,500; o. b. Chas.
C. Newberry, 4708 Cote Brillante St.

**Fairmount St., nr. Union St., 2 two-st'y dwells.,
50' x 60'; \$13,000; o. b. Samuel D. Roser, 813 1/2
Chestnut St.; a. F. C. Fiske.**

**Cates St., bet. Clara & Goodfellow Aves., three-
st'y bk. dwell., 28' x 40', slate roof, furnace; \$15-
000; o. Mr. Allenhill; a. Barnett, Haynes & Bar-
nett, 41 1/2 Olive St.**

**Forest Park Boulevard, nr. Newstead St., three-
st'y bk. dwell., 42' x 52', slate roof, hot water; \$12-
000; o. M. & L. Merritt Co.; a. Matthews & Clarke,
Union Trust Building.**

Thompson, Conn.—24-st'y fr. dwell.; \$25,000; o.
J. W. Doane, Chicago, Ill.; a. Hopp & Koen, 160
Fifth Ave., New York City.

Worcester, Mass.—Marie Ave., two-st'y fr. dwell.;
\$6,000; o. P. P. Kendall; a. Barker & Nourse; o.
A. J. Vaughn.

**Marie Ave., 24-st'y fr. dwell.; \$8,000; o. Orris M.
Savels; a. W. H. Harvey.**

**Brooks Ave., two-st'y fr. dwell., 25' x 45'; \$4,000;
o. Geo. E. Burr; day-work.**

**Waverly St., two-st'y fr. dwell., 36' x 40'; \$4,000;
o. Rev. Joseph Jakestys; a. A. J. Harrington.**

**Beeching St., 24-st'y fr. dwell., 30' x 40'; \$5,000;
o. Chas. S. Holder; a. D. Russell Rixford; not let.**

**Fruit St., two-st'y fr. dwell., 45' x 68'; \$9,000; o.
B. W. Grout; a. Fuller, Delano & Frost; c. J. I.
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(Houses Continued.)

**32' x 40'; \$6,000; o. Fred W. White; a. W. H.
Harvey; not let.**

Yonkers, N. Y.—Park Hill, 24-st'y fr. dwell., 24' x
45'; \$6,500; o. W. Naogele; a. Geo. Raynor & Son.

MERCANTILE BUILDINGS.

Cleveland, O.—Bank St., cor. Lake St., five-st'y fr.,
bk. & st. business-building, 66' x 121', gravel roof,
steam; \$24,000; o. H. Black & Co., 77 Bank St.; a.
Lehmann & Schmitt, Hickox Building.

Indianapolis, Ind.—Two-st'y bk. business-build-
ing, slate roof, steam; \$12,000; o. Union Stock
Yards Co.; a. D. A. Bohlen & Son, 1017 Majestic
Building.

Worcester, Mass.—Waldo St., four-st'y bk. busi-
ness block, 56' x 140'; \$55,000; o. Dwight Foster
Heirs; o. Webb Granite & Construction Co.; a.
Fuller, Delano & Frost.

STABLES.

Boston, Mass.—Beech St., nr. Kittredge St., Ward
23, 14-st'y fr. stable, 20' x 25', pitch roof; \$400; o.
Conrad Young; b. F. Sittig, Roslindale.

Brooklyn, N. Y.—Forty-eighth St., nr. 15th Ave.,
two-st'y fr. stable, 20' x 38'; \$450; o. b. W. H.
Reynolds, 40 Court St.

**Lawton St., nr. Broadway, one-st'y fr. stable, 25'
x 90', gravel roof; \$500; o. W. F. Heisinger, 996
Broadway; a. W. B. Wills, 17 Troutman St.**

**Force Tube Ave., nr. Ridgewood Ave., two-st'y fr.
stable, 20' x 30'; \$300; o. Henry Dickman, Howard
& Atlantic Aves.; b. H. Meyer.**

**Hudson Ave., No. 22, three-st'y bk. stable, 76' x
90' 4"; \$14,000; o. National Lead Works, 174 Front
St.**

(Continued on page xviii.)

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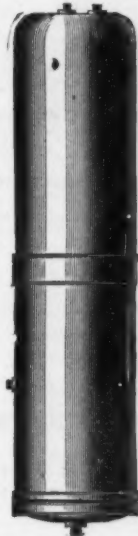
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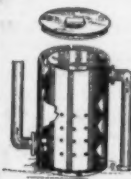
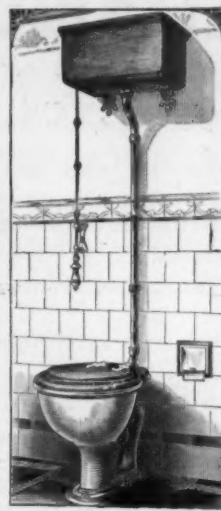
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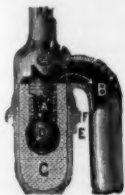
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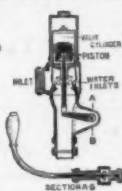
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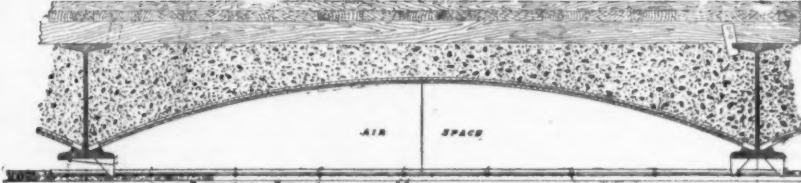
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Milwaukee.....				Brown...24 00	
Moulded.....	29 00 @ 29 00			Chicago, do Red	
Red Pressed.....	27 00 @ 27 00			Roman...24 00	
Buff.....	45 00 @ 70 00			Chicago, do Br'n	
Moulded Red & Buff.....	45 00 @ 70 00			Roman...27 00	
Enamelled: Imp	85 00 @ 100 00			Bushnell Buff	Dom. { @ 65
Enamelled (edge and end).....	90 00 @ 110 00			25 00	@ 85
CEMENT, LIME, etc. (P. M.)					
Rosendale Cement.....	65 @ 75				
Louisville.....	Not sold.				
Utica, Akron, Buffalo, Milw'ke.	Not sold.				
Portland, Eng. (Gibbs).....	2 25 @ 2 50				
" " (K. B. & S.).....	2 50 @ 3 00				
" " (Black Cross).....	2 25 @ 2 50				
" " (Burnham).....	2 50 @ 2 50				
" " (White's).....	2 65 @ 3 00				
" French (Lafarge).....	3 60 @ 3 75				
" Ger. (Alsen).....	2 90 @ 3 25				
" " (Fawcett).....	2 25 @ 2 40				
" " (Voorhies).....	2 50 @ 2 90				
" " (Lagerlofer).....	2 75 @ 3 00				
" " (Dyckerhoff).....	2 50 @ 3 00				
" " (Hanover).....	3 35 @ 2 45				
" " Stettin, (Anchor)	2 75 @ 3 00				
Roman.....	4 25 @ 4 75				
Keene's coarse.....	6 50 @ 6 50				
" superfine.....					
Lime:					
Lime of Tell.....	4 00 @ 4 00				
Hydraulic Lime.....	1 45 @ 1 45				
Chicago Lime in bulk.....	St. John				
Wisconsin Lime.....	65 @ 65				
Rockland and Rockport, (Com.)	75 @ 75				
Kelley Island Lime, finish.....	75 @ 75				
State, Com. cargo rates.....	75 @ 75				
State, finishing.....	1 30 @ 1 40				
Plaster-of-Paris (calcined).....	1 60 @ 1 60				
" (cast).....	14 @ 16				
Hair (cattle) & bush.....	18 @ 21				
" (Goat).....	1 00 @ 1 25				
Sand, & local.....					

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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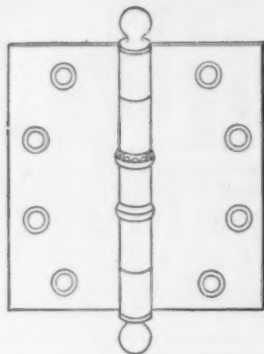
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STONE. (P cubic foot, rough.)				
Foundation:				
Dimension.....	5 00 P ton.		20 @ foot	@ 5 00
Block.....	4 60 P perch.		10 00 @ cord	Conshocken
Rubble.....	1 25 @ 1 50		9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow.....	80 @ 90	80 @ 90		
Kibbe.....	90 @ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 1 30	1 00 @ 1 30	1 50 P cub. ft.	95 @ 1 05
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	1 05 @ 1 25
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 05	@ 1 40
Caen.....	@ 1 05	@ 2 00		1 25 @ 1 35
Carlisle, English.....	@ 1 05	@ 1 05		95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05		95 @ 1 05
Granite: (Maine)			80 @ 1 50	85 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00			Richmond
Lemont.....				P 75 @ 1 50
Serpentine.....		10 50 per ton.		Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planned.....	50 @ 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
Pennsylvania, blue.....	@	@	@ 4 40	3 00 @ 4 00
Vermont, white.....	@	@	Not sold.	2 00 @ 3 00
Slate: Roofing (P square)			3 50 @ 6 00	2 25 @ 3 00
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 00 @ 3 00
" 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 @ 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.....			Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading			9" sc. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER.—P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	55 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	12 00 @ 16 00	Not sold.	15 00 @ 21 50
Homlock.....	on 13 1/2 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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	13 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 00 @ 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.....	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	@ 1 75	1 80 @ 2 15	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, 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..... P M.....	@	@ 6 00	Not sold.	34" 8 @ 21
Cedar sawed..... P M.....	@	2 00 @ 3 25	2 50 @ 2 90	30" 35 @ 14
Cypress, Split..... 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14 00

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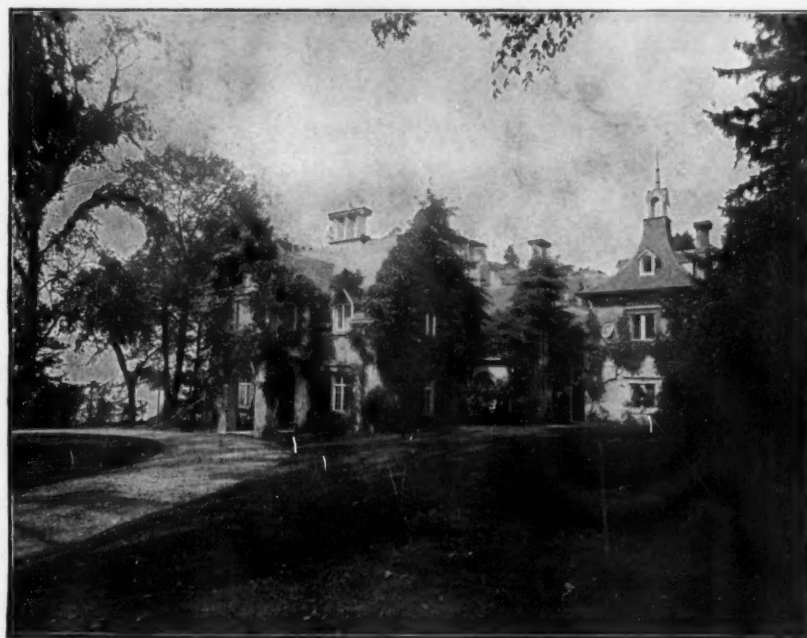
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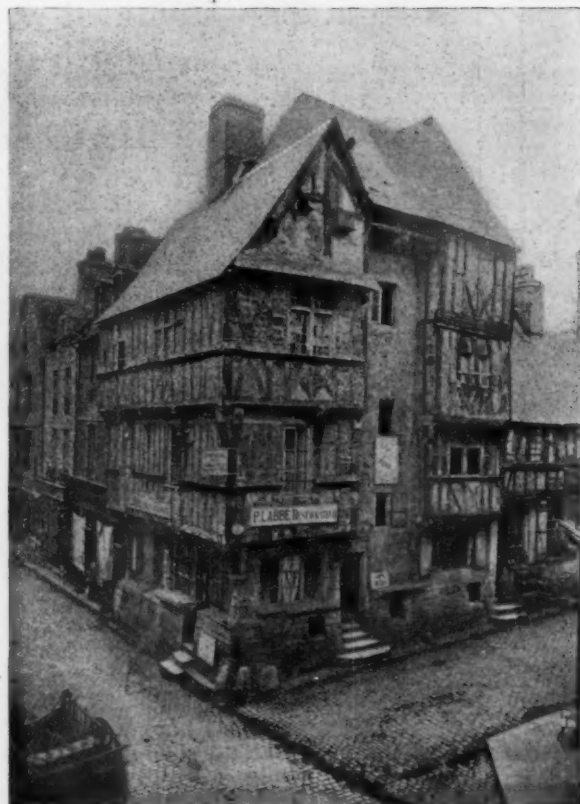
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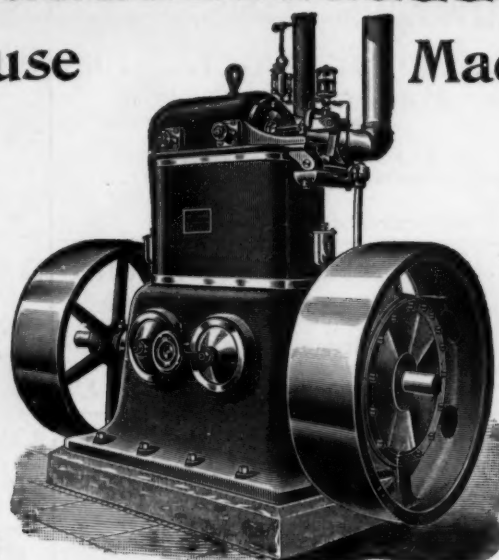
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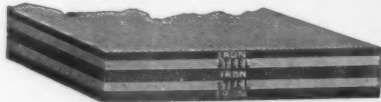
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BUILDING INTELLIGENCE.

(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.

Adel, Ia. — A \$45,000 Jail for Dallas County is con-
templated. It is to be voted on at the coming
election.

Alton, Ill. — There is a movement on foot to erect a
\$20,000 Y. M. C. A. building here.

Atlanta, Ga. — The matter of erecting a \$250,000
depot on Wall Street is under consideration.

Boston, Mass. — The School Board has approved
plans for a grammar-school house on Quincy and
Perth Sts., Dorchester, and the Committee on New
Buildings are authorized to advertise for proposals
to construct the building.

A site has been chosen and purchased for a new
club-house for the Woman's Club. The site in-
cludes the two lots and buildings thereon numbered
13 and 15 Beacon St., corner of Freeman Pl. A
modern eight or ten story fireproof structure is
contemplated.

Buffalo, N. Y. — Plans have been filed for the new
hospital building, 50' x 114', to be erected on Jeffer-
son St., near Genesee St., for the German Hospital
Association, to cost \$47,000.

Des Moines, Ia. — The Chamberlain Medicine Co.
have decided to erect a \$35,000 laboratory here in
the spring. Lowell Chamberlain, Secretary, 419
Locust St.

Fitchburg, Mass. — Sketch plans have been ac-
cepted for a brick, stone and iron hospital building
for this city, to cost about \$100,000. Rodney Wal-
lace, Chairman Building Committee.

Great Falls, Mont. — The Ursuline Nuns expect to
erect an academy in the spring, the buildings to
cost about \$50,000.

Greenwich, Conn. — Wilson Eyre, Jr., of 929 Chest-
nut St., Philadelphia, Pa., is the architect for the
24-story frame residence about 30' x 90', and the 11-
story frame stable to be erected for Frank Squier,
66 Duane St., New York City.

Hot Springs, Ark. — Report states that the Superior
Lodge of Knights of Pythias, of Illinois, will erect
a \$500,000 sanitarium at this place.

Hudson, N. Y. — The Trustees of the City Hospital
have decided to erect a new building.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Huntington, W. Va. — The contract for erecting
the first 15 buildings for the State Asylum for In-
curables has been awarded to Gresham & Boyd, of
Charleston, at about \$200,000.

Kansas City, Mo. — The Board of Education con-
template erecting a new high-school building to
cost \$60,000.

Lima, O. — Plans are being prepared for a 16-room
school-house.

Marion, Mass. — Fuller, Delano & Frost, Worcester,
are preparing plans for a summer residence for
Attorney-General H. M. Knowlton, of New Bedford.

Medford, Mass. — McKay & Dunham, Boston, have
completed plans for a two-story brick hose-house,
62' x 68', to be erected at a cost of \$12,000 on Salem
St., near Park St., for the City Fire Department.

Middletown, Conn. — Plans are being prepared for
a \$75,000 building for the Insane Hospital. The
Legislature will be asked to appropriate this
amount. Dr. C. W. Page, Supt.

Minneapolis, Minn. — The Gillette-Herzog Manu-

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

facturing Company have had plans prepared for an
office-building, 46' x 90', three stories high; cost,
\$15,000.

Patterson, N. J. — The Building Committee of the
Board of Education has recommended the plans of
Ackerman & Ross, 156 Fifth Ave., New York City,
for School No. 3; probable cost, \$35,000.

Philadelphia, Pa. — Isaac Pursell, 119 S. 4th St.,
has prepared plans for a two-story stone and brick
edifice for the congregation of the Fairmount
Memorial Methodist Episcopal Church.

A project is in contemplation for the erection of
a large dormitory or residence building in con-
nection with the Foulke-Long Institute. It is proposed
to put this building on the grounds facing 34th St.
The trustees desire to inclose three sides of a
square, nearly opposite the University of Pennsylv-
ania Dental Hall.

The Penn Mutual Life Insurance Co. is having
competitive plans prepared for a six or eight story
fireproof storage building, to be erected in the rear
of their present building on Chant St. Several old
houses now occupying the site will be torn down.

Savannah, Ga. — Miles & Bradt, 14 Forsyth St., At-
lanta, are stated to have received the contract for
rebuilding the Cathedral, at \$83,000.

San Antonio, Tex. — It is proposed to build a \$65,-
000 synagogue in the near future.

Southbridge, Mass. — Plans for a 12-room school
house are being prepared by Chickering & O'Con-
nell, Springfield.

Springfield, Mo. — I. S. Taylor, 900 Columbia Build-
ing, St. Louis, is preparing plans for a hospital, to
be erected by the St. Louis & San Francisco Rail-
road. It will be 60' x 180', three stories high, built
of brick, with composition and slate roof. It will
cost about \$35,000.

Townsend, Mont. — A new school-house to cost
\$10,000 is contemplated.

Troy, N. Y. — Plans have been prepared for a new
steel storage building, 70' x 70', to be erected on 7th
Ave., for Conway Brothers & Kane, near their pre-
sent brewing plant; estimated cost, \$25,000. Archi-
tects M. P. Cummings & Son.

Washington, D. C. — Frank H. Walker & Co. will
build a private stable between G and H and N.
Capitol and 1st Sts. It will be two stories, 20' x 60',
fitted up with all modern conveniences, and will
cost \$2,000.

West Chester, Pa. — The members of the West-
minster Presbyterian Church have decided to build
a \$15,000 edifice.

Wilmington, Del. — Megary & Son will erect a six-
story brick building, 100' x 154', at Orange and 6th
Sts., to be occupied as a warehouse and furniture
factory.

Winsted, Conn. — Decker & St. Clair, the general
contractors for the new church, have let the con-
tract for furnishing the structural ironwork in the



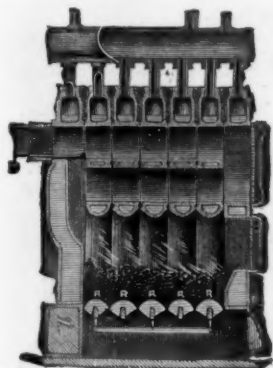
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(Advance Rumors Continued.)

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Yellowstone National Park, Wyo.—Plans are being prepared for a new hotel to be erected at this place by A. W. Spalding, 644 Bank of Minneapolis Building, Minneapolis, Minn. It will be a frame structure, 200' x 300', three stories high.

APARTMENT-HOUSES.

Chicago, Ill.—*Wabash Ave.*, Nos. 280-0-04, three-sty' bk. apart., 49' x 120'; \$30,000; o., Mrs. Diana K. Chaffee; b., Fidelity Const. Co.; a., Julian Barnes.
Calumet Ave., Nos. 6037-13 2 three-sty' flats, 45' x 73' x 36' x 73'; \$30,000; o., F. P. Burkett; b., C. Schleyer; a., Henry L. Newhouse.
Drexel Boulevard, Nos. 6556-58, three-sty' bk. apart., 48' x 123'; \$32,000; o., W. H. Stewart; b., H. Wikie; a., F. B. Abbott.
Lill Ave., three-sty' & base, bk. & st. apart., 62' x 100', comp. roof, steam; \$20,000; o., Wm. Deering and H. H. Gage.

N. Halsted St., nr. Belmont Ave., three-sty' st. flats, 37' 6" x 67', comp. roof, steam; \$12,000; o., A. Nelson, Belmont Ave.; a., C. A. Strandell.

Cleveland, O.—*Collins Pl.*, three-sty' bk. & st. flat, 50' x 54', flat roof, steam; \$14,000; o., William M. Brewer, 236 Superior St.

Minneapolis, Minn.—*S. Sixth St.*, No. 419, three-sty' bk. flat & store, 46' x 150'; \$25,000; o., & b., Northwestern Mantel Co.; a., Harry W. Jones.

New York, N. Y.—*Spencer Pl.*, nr. 144th St., 2 five-sty' bk. flats, 27' 6" x 90'; \$50,000; o., Nicholas Damiano, 567 E. 149th St.; a., Louis Falk, 2769 Third Ave.

One Hundred and Fifty-second St., n. s. 75' w. Wales Ave., 3 four-sty' bk. flats, 25' x 75'; \$45,000; o., Rob't Little, 2349 Bathgate Ave.; a., W. C. Dickerson, 149th St. & 3d Ave.

Elton Ave., w. s. 51' n. 160th St., 2 four-sty' bk. flats, 25' x 75'; \$30,000; o., John P. Ellis, Hotel Avon, 116th St. & Madison Ave.

Prospect Ave., w. s. 75' n. 150th St., 10 four-sty' bk. flats, 20' x 62'; \$14,000 each; o., Peleg C. Smith, 555 Orange St., Newark, N. J.

Boulevard, cor. 96th St., seven-sty' bk. store & flat, 56' 8" x 100' 11" x 99' 8"; \$200,000; o., C. J. La Grassa, 60 Liberty St.; a., C. Steinmetz, 60 Liberty St.

One Hundred and Twelfth St., nr. Amsterdam Ave., 2 five-sty' bk. flats, 30' x 88'; \$64,000; o., Jno. Paterno, 930 Amsterdam Ave.; a., M. V. B. Ferdon, 64 E. 90th St.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

One Hundred and Seventeenth St., nr. Manhattan Ave., six-sty' bk. flat, 75' x 90' 4"; \$70,000; o., Judson Lawson, 588 West End Ave.; a., S. M. Holden, 81 E. 125th St.

W. Central Park, nr. 94th St., six-sty' bk. flat, 56' x 90'; \$125,000; o., Wm. Call, 1133 Broadway; a., James E. Ware & Son and H. Stine-Harde, 3-5 W. 29th St.

W. Central Park, nr. 98th St., five-sty' bk. & st. flats, 25' 3" x 84'; \$20,000; o., John Knox McAfee, 335 W. 84th St.; a., James W. Cole, 403 W. 51st St. (plans only).

One Hundred and Fifty-second St., nr. Westchester Ave., 3 four-sty' bk. flats, 25' x 75'; \$46,500; o., & b., Patrick R. Smith, 165th St. & Mott Ave. and Wm. Holmes, 673 E. 144th St.; a., W. C. Dickerson, 149th St. & 3d Ave.

One Hundred and Fifty-second St., nr. Robbins Ave., 3 four-sty' bk. flats, 25' x 75'; \$46,500; o., & b., Martin Smith, 177 E. 93d St.; a., W. C. Dickerson, 149th St. & 3d Ave.

One Hundred and Fifty-second St., n. s. 150' w. Wales Ave., 2 four-sty' bk. flats, 25' x 75'; \$31,500; o., Elizabeth McKinley, 538 W. 122d St.; a., W. C. Dickerson, 149th St. & 3d Ave.

Toledo, O.—*Superior St.*, nr. Adams St., two-sty' & base, bk. store & flat, comp. roof; \$8,000; o., Steinem Bros.

Monroe and Michigan Sts., two-sty' bk. store & flat, 50' x 100', tin roof, hot water; \$8,000; o., C. S. Ashley, 720 The Nasby.

EDUCATIONAL.

Boston, Mass.—*Walk Hill St.*, nr. Wachusett St., Ward 23, two-sty' bk. school, 49' x 81', flat roof, steam; \$30,000; o., City of Boston; b., George A. Cahill; a., Perkins & Betton, 13 School St.

Princeton, Saratoga and Marion Sts., Ward 7, bk. high school, 115' x 190' x 200', flat roof, steam; \$225,000; o., City; genl. o., Mead, Mason & Co.; a., John Lyman Faxon.

FACTORIES.

Cleveland, O.—*Four-sty' bk. & st. factory*, 40' x 280', flat roof, steam; \$40,000; o., Cleveland Twist Drill Co., Lake & Kirtland Sts.; a., J. N. Richardson, Bangor Building.

Elm St., cor. Winslow St., six-sty' bk. factory, 40' x 56', flat roof, steam; \$15,000; o., Wm. Strang, ward, 1072 Woodland Ave.; a., Fugman & Uhlrich.

Indianapolis, Ind.—*St. Clair and Canal Sts.*, five-sty' bk. factory, 135' x 195', asphalt roof, steam;

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New York, N. Y.—*Twenty-sixth St. and East River*, one-sty' bk. & st. pavilion for the Bellevue Insane Hospital, 40' x 100'; \$20,000; o., New York City Department of Charities; a., Horgan & Slatery, 1 Madison Ave.

HOUSES.

Arverne, L. I., N. Y.—*24-sty' fr. dwell.*, 57' x 63'; \$10,000; o., A. Stein; a., Werner & Windolph, 94 Liberty St., New York City.

Boston, Mass.—*Hillside St.*, cor. Wait St., Ward 19, three-sty' fr. dwell., 27' x 43', flat roof, stores; \$5,500; o., Carl L. Grasshoff; b., Bay State Bldg. Co., 218 Tremont St.

Wait Pl., nr. Wait St., Ward 19, 3 two-sty' fr. dwell., 26' x 40', pitch roofs, furnaces; \$10,000; o., L. F. Abbott; a., C. A. Russell, 46 Warren St.

Columbia Road, cor. Brunswick St., Ward 20, 24-sty' fr. dwell., 29' x 32' x 59', pitch roof; \$7,000; o., W. J. Crowley, 153 Tremont St.; b., J. C. Spillane.

Schuyler St., No. 10, Ward 21, two-sty' fr. dwell., 32' x 52', pitch roof, hot water; \$6,000; o., & b., A. C. Chisholm, 100 Devon St.

Cottage Park, nr. Bowdoin St., Ward 20, two-sty' fr. dwell., 26' x 45', pitch roof, furnace; \$4,000; o., & b., T. P. Sullivan.

Ruthven St., nr. Humboldt Ave., Ward 21, 24-sty' fr. dwell., 37' x 41', pitch roof, furnace; \$7,000; o., Annie M. Badger; b., S. M. Shapleigh, 495 Warren St.

Avelon Road, nr. Weld St., Ward 23, two-sty' fr. dwell., 21' x 37', pitch roof, furnace; \$5,500; o., Warren Freeman, Conway St., Rosindale; b., Richard Duffie.

Athelwood St., nr. Thane St., Ward 20, 24-sty' fr. dwell., 31' x 31', pitch roof, furnace; \$5,000; o., J. O. McFadden; b., R. A. Moore.

Gladstone St., nr. Leyden St., Ward 1, two-sty' fr. dwell., 25' x 42', pitch roof, hot water; \$3,000; o., Charles Cragan; b., I. Bernstein, 65 Gladstone St.

Westbourne St., nr. Beech St., Ward 23, 24-sty' fr. dwell., 24' x 35', gambrel roof, furnace; \$4,000; o., Clara A. Torsberg; b., H. T. McNae.

Westbourne St., nr. Beech St., Ward 23, 24-sty' fr. dwell., 24' x 35', gambrel roof, furnace; \$4,000; o., Horsford, Williams & Paine; b., Wills Bros.

Middle St., No. 14, Ward 15, three-sty' fr. dwell., 26' x 56', hip roof, stores; \$4,500; o., Margaret Fitzgibbons, 36 Middle St., S. Boston; b., J. A. Kennedy.

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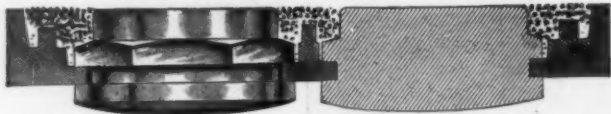
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(Houses Continued.)

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Wrentham Park and Dorchester Ave., Ward 24, 2 three-sty' bk. dwells., 23' x 55', flat roofs, stoves; \$10,000; o., A. F. McDermott, 21 Clifford St.; b., James A. Mahan.

Westbourne St., nr. Beech St., Ward 23, 2-sty' fr. dwell., 24' x 35', gambrel roof, furnace; \$4,000; o., Ellen Murray; b., M. E. Poland.

Sydney St., nr. Crescent Ave., Ward 20, three-sty' fr. dwell., 20' x 42', flat roof, hot water; \$4,500; o., Eleanor E. Fontaine; b., C. Fontaine, 191 Sydney St.

Edmond St., nr. Blue Hill Ave., Ward 20, two-sty' fr. dwell., 24' x 29' x 42', pitch roof, hot water; \$4,200; o. & b., Jas. V. Whidden, 51 Kilton St.

Porter St., No. 107, Ward 2, three-sty' fr. dwell., 21' x 40', flat roof, stoves; \$3,500; o., Sarah Skanskie et al.; b., John Smiddy, 220 Paris St.

E. Ninth St., No. 271, Ward 15, three-sty' fr. dwell., 22' x 43', flat roof, stoves; \$4,000; o., Edw. Cronan; b., Daly Bros.

Woodward Park, nr. Howard Ave., Ward 16, three-sty' fr. dwell., 25' x 50', flat roof, furnace; \$4,500; o., Chas. T. Stronach, Howard Ave.; b., J. W. Kelland.

Colberg Ave., nr. Rexhame St., Ward 23, two-sty' fr. dwell., 28' x 46', pitch roof, furnace; \$4,500; o., Albert E. Hentz, 170 Beech St.; b., Richard Duffie.

Huntington Ave., nr. Heath St., Ward 19, three-sty' bk. dwell., 23' x 64', flat roof; \$6,000; o. & b., George A. Darlow, 940 Massachusetts Ave.

Dennis St., nr. Huclins St., Ward 17, 6 three-sty' bk. dwells., various dimensions, flat roofs, stoves; \$35,000; o. & b., Bernard Footinick; a., J. F. & G. H. Smith, 13 School St.

E. Ninth St., No. 273, three-sty' fr. dwell., 22' x 43', flat roof, stoves; \$4,000; o., Frank Horgan; b., Daly Bros.

Bowdoin St., Nos. 105, 106, 113, 117, four 2-sty' fr. dwells., 29' x 46'; \$20,000; o., Workingmen's Bldg. Association; b., G. W. Pope's Sons, 440 Columbus Ave.

Brookline, Mass.—Kenswood St., 2-sty' fr. dwell.; \$5,000; o., Wm. M. Bates; b., W. H. Toombs.

Maple Road, two-sty' st. & fr. dwell.; \$10,000; o., F. Kidlow; b., Jno. MacRae.

Beals St., 2-sty' fr. dwell.; \$6,000; o. & b., Geo. Smith; a., H. F. Parinton, 41 Forest St., Roxbury.

Harvard St., cor. Beck St., two-sty' fr. & bk. dwell.; \$9,000; o., F. E. Johnson; b., W. C. Johnson.

Brooklyn, N. Y.—Garfield Pl., nr. 8th Ave., four-sty' & base. bk. dwell., 21' 4" x 48', galvanized-iron cornice; \$10,000; o., a. & b., Delaney & Collins, 67 Clermont Ave.

Sixth St., nr. W. Prospect Park, 2 three-sty' & base. bk. dwells., 20' x 48' 9"; \$20,000; o. & a., Chas. G. Peterson, 603 Seventh St.

Eighty-sixth St., nr. 13th Ave., two-sty' & attic fr. dwell., 34' x 41', shingle roof; \$5,500; o., Walter L. Johnson, 86th St. & 15th Ave.

Thirteenth Ave., e. cor. 85th St., 2-sty' fr. dwell., 36' x 39', shingle roof; \$4,500; o., Walter L. Johnson, 84th St. & 11th Ave.; a., Stanley S. Covert, 72 Trinity Pl., New York City.

Chicago, Ill.—Michigan Boulevard, nr. 50th St., 2 three-sty' st. dwells., 20' x 75', comp. roof, steam; \$24,000; o. & b., Harris & McGimsie, 167 Dearborn St.; a., C. M. Palmer.

N. Forty-second St., No. 2508, two-sty' fr. dwell., 32' x 98'; \$5,000; o., Frank Eldred; b., Nelson & Peterson; a., Stiles & Stevens.

Cleveland, O.—Euclid Heights, three-sty' bk. & st. dwell., slate roof, hot water; \$16,000; o., J. G. W. Cowles, 313 New England Building; a., Meade & Garfield.

Detroit, Mich.—Lothrop Ave., 2-sty' bk. dwell., 34' x 52', slate roof, steam; \$8,000; o., William Mitchell, 1312 Wabash Ave.; a., A. C. Varney & Co.

W. Warren Ave., two-sty' bk. dwell., 40' x 57', slate roof, hot water; \$9,000; o., Jas. M. Munroe, 277 W. Warren St.

East Williston, L. I., N. Y.—Two-sty' fr. dwell.; \$10,000; o., Charles Edison; a., Wright & Drewry, Rockville Centre.

New York, N. Y.—Seventy-ninth St., nr. 5th Ave., five-sty' bk. dwell., 25' x 102' 2"; \$50,000; o., Louise M. Gebhard, Westbury, L. I.; a., Barney & Chapman, 1286 Broadway.

BUILDING INTELLIGENCE.

(Houses Continued.)

Somerville, Mass.—Central and Medford Sts., two-sty' fr. dwell., 26' x 45', pitch roof, furnace; \$5,500; o., William F. Eccles, 368 Medford St.; b., Chas. E. Harris.

St. Louis, Mo.—Washington St., nr. Taylor St., 2-sty' bk. dwell., 29' x 45', slate roof, hot water; \$5,000; o., Pierre Nagel, 925 Chestnut St.; a., W. M. Abesser.

Copeland St., nr. Compton Ave., 2-sty' bk. dwell., 28' x 45', tile roof; o., Jacob Kaiser, 204 S. 4th St.; a., Ernest J. Hess.

West Pine Boulevard, nr. Euclid St., 2 three-sty' bk. & st. dwells., 55' x 106', slate roofs, steam; \$40,000; o., Merritt M. & L. Co.; a., Matthews & Clark, Union Trust Building.

Vernon Ave., nr. Union Ave., two-sty' bk. dwell., 30' x 44', slate roof, furnace; \$5,000; o., George F. Baker; a., C. F. Longfellow, Turner Building.

Washington, D. C.—Nineteenth St., No. 1322, three-sty' bk. & st. dwell., 22' x 40'; \$7,500; o., E. H. Fowler.

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Boston, Mass.—Lancaster St., Nos. 34-38, Ward 8, five-sty' bk. building, 40' x 60', flat roof, steam; \$30,000; o., Jos. Green, 930 Exchange Building; b., J. J. Galvin.

STABLES.

Boston, Mass.—Schuyler St., No. 8, Ward 21, 1-sty' fr. stable, 26' x 30', pitch roof; \$1,000; o. & b., A. C. Chisholm, 100 Devon St.

Brooklyn, N. Y.—Atlantic Ave., nr. New York Ave., two-sty' bk. stable, 20' x 60', gravel roof, \$2,500; o., Frank M. Lupton, 839 St. Mark's Ave.; a., E. T. Betts, 1297 Fulton St.; b., P. P. Gavan, 1067 Pacific St.

Chicago, Ill.—W. Adams St., No. 1655, two-sty' bk. private barn, 30' x 35'; \$1,000; o., Wm. Haynes; b., J. J. Baker.

New Brighton, S. I., N. Y.—Two-sty' bk. & st. stable, 35' x 35'; o., Otis L. Williams, 26 Cortlandt St., New York City; a., Carrère & Hastings, 28 E. 41st St., New York City.

New York, N. Y.—White Plains Ave., nr. 2d St., 1-sty' fr. stable, 25' x 35', shingle roof; \$900; o., C. W. Oakes, 3d St. & White Plains Ave.; a., Jas. E. Dobbs, 120 Sixth St., Williamsbridge.

Westbury, L. I., N. Y.—Two-sty' fr. dwell. & barn; \$10,000; o., Wm. C. Whitney, 32 Nassau St., New York City; a., J. E. Aldrich.

North St. Louis, Mo.—Two-sty' bk. & st. stable, 50' x 250', tile roof, hot water; \$35,000; a. & c., J. M. Dunham, Chemical Building.

Somerville, Mass.—Union Sq., two-sty' stable, 22' x 36', flat roof; \$2,500; o., J. Frank Wellington, 33 Summit Ave.; b., Thomas F. Farrington; a., Loring & Phipps, Boston.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Hicks St., No. 750, five-sty' bk. tenement, 25' 2" x 86'; \$35,000; o., John H. Clark, 58 Clark St.; a., J. A. Clark, 86 Roosevelt St., New York City.

Prospect Pl., nr. Nostrand Ave., 5 four-sty' bk. flats, 20' x 70' 4", gravel roof; total cost, \$60,000; o., John Fraser, 44 Rochester Ave.; a., A. S. Hedman, Arbuckle Building.

Long Island City, L. I., N. Y.—Eleventh St., nr. Ely Ave., 4 three-sty' bk. & st. flats, 23' x 61' 6"; \$6,500 each; o., P. W. Phillips; a., J. M. Baker, 27 Hart St., Brooklyn.

New York, N. Y.—Willett St., Nos. 85-87, six-sty' tenement & stores, 40' x 80'; \$35,000; o. & b., Michael & Max Chisling; a., Horenburger & Straub, 122 Bowery.

E. Third St., No. 60, bk., st. & terra-cotta tenement with store, 23' 9" x 84'; \$26,000; o., Well & Mayer, 35 Nassau St.; a., Schneider & Herter, Bible House.

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One Hundred and Eighteenth St., nr. Lenox Ave., 3 five-sty' bk. tenements, 25' x 86' 6"; \$62,500; o., Katz & Haugh, 1830 Bathgate Ave.; a., S. M. Holden, 8 E. 125th St.

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WAREHOUSES.

New York, N. Y.—Thirteenth St., nr. Broadway, eight-sty' bk. store & lofts, 25' x 86'; \$90,000; o., Hew Miller, 100 Broadway; a., Henri Fouchaux, 11th Ave. & 162d St.

Centre St., No. 210, six-sty' bk. store & lofts, 25' x 43'; \$12,000; o., Alice Fitzpatrick, 210 Centre St.; a., Louis F. Heinicke, 62 Bowery.

Horatio St., nr. Washington St., 2 six-sty' bk. warehouses, 48' 6" x 81' 10" & 81' 43"; \$20,000 each; o., Hugh J. Grant, 84 Wall St.; a., Geo. P. Chapell, 24 State St.

COMPETITIONS.

SCHOOL-HOUSE.

[At Orange, N. J.]

It is stated that the Board of Education will receive bids November 23 for a school in the 5th Ward.

1195

SCHOOL-HOUSE.

[At Passaic, N. J.]

Plans and specifications are wanted November 17 for an eight-room school, to include ventilating, heating, plumbing, etc., cost not to exceed \$16,000. S. J. POST, Chmn. Com. on No. 7 School.

1194

PROPOSALS.

COURT-HOUSE.

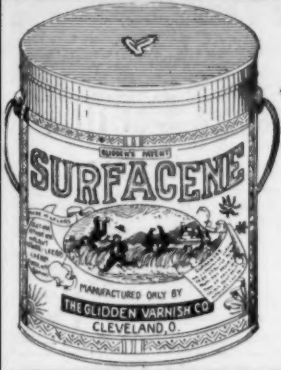
[At Atlanta, Ga.]

Bids are wanted December 21 for the Court-house annex; cost not to exceed \$100,000. A. L. KONTZ, Clk. Commrs. of Roads and Revenues.

1194

Proposals will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 12 o'clock noon, November 15, 1895, and publicly opened immediately thereafter, to furnish at the Navy Yard, Portsmouth, N. H., one switchboard, one steam-engine, one dynamo, five motors and one block and dead-eye machine. Blank proposals will be furnished upon application to the Navy Yard, Portsmouth, N. H., or to the Bureau. EDWIN STEWART, Paymaster-General, U. S. N.

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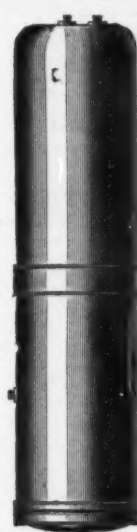
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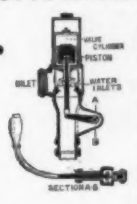


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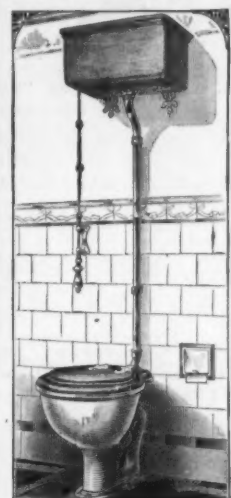
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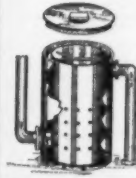


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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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

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

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

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

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

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

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

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

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

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

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

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

SECTION 14. It is unprofessional to enter into competition with or to consult with an 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.

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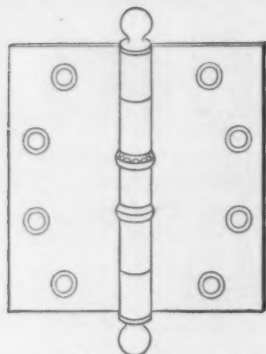
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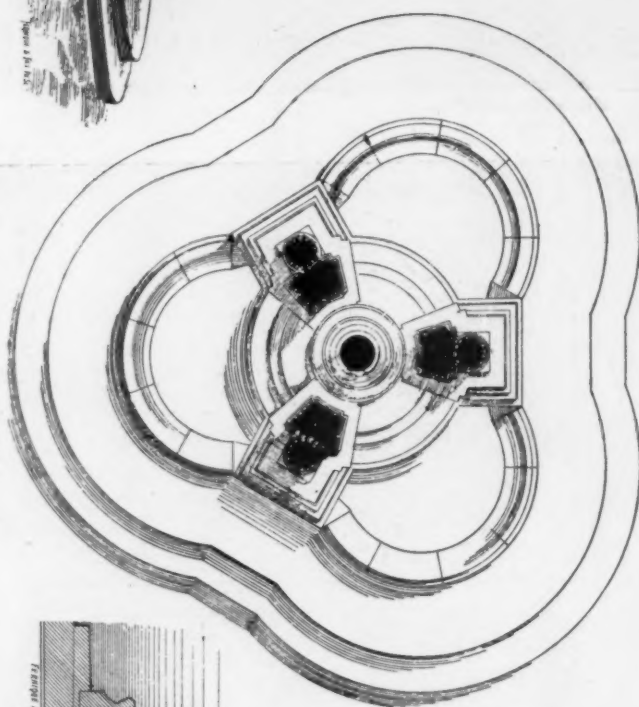
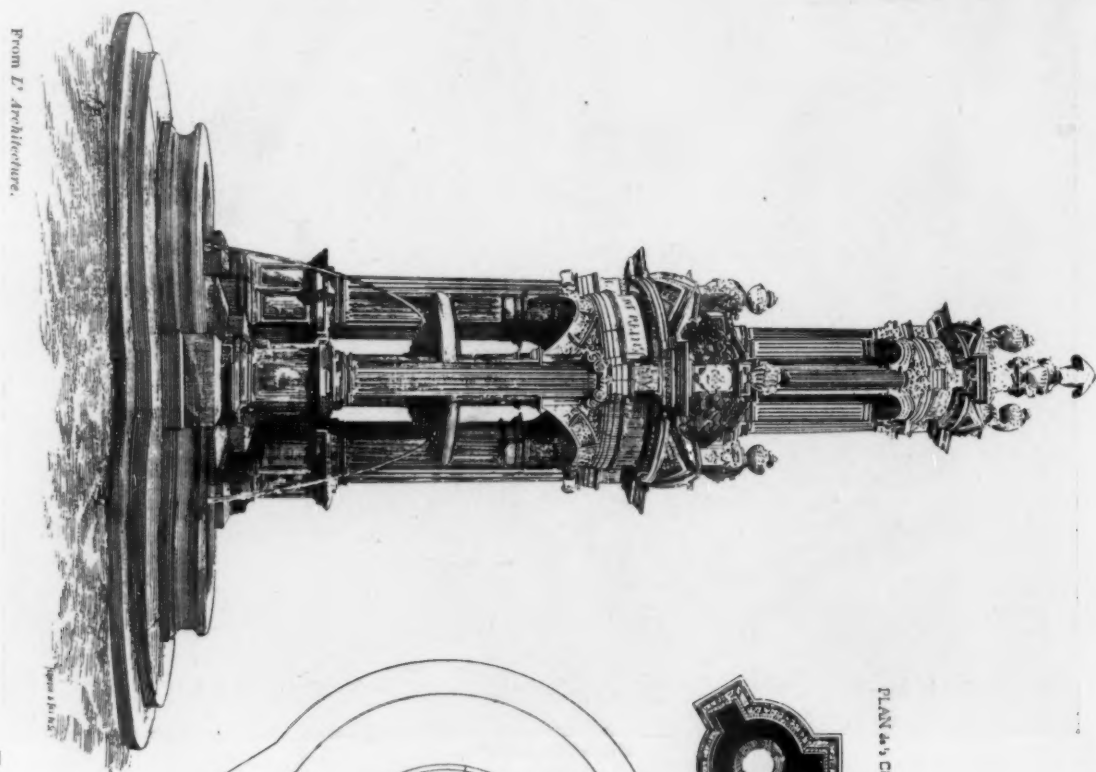
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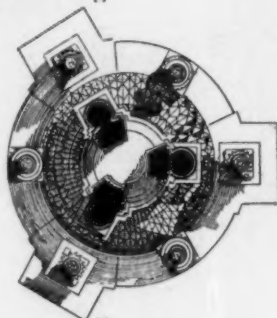
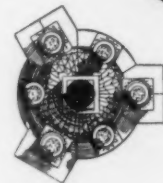
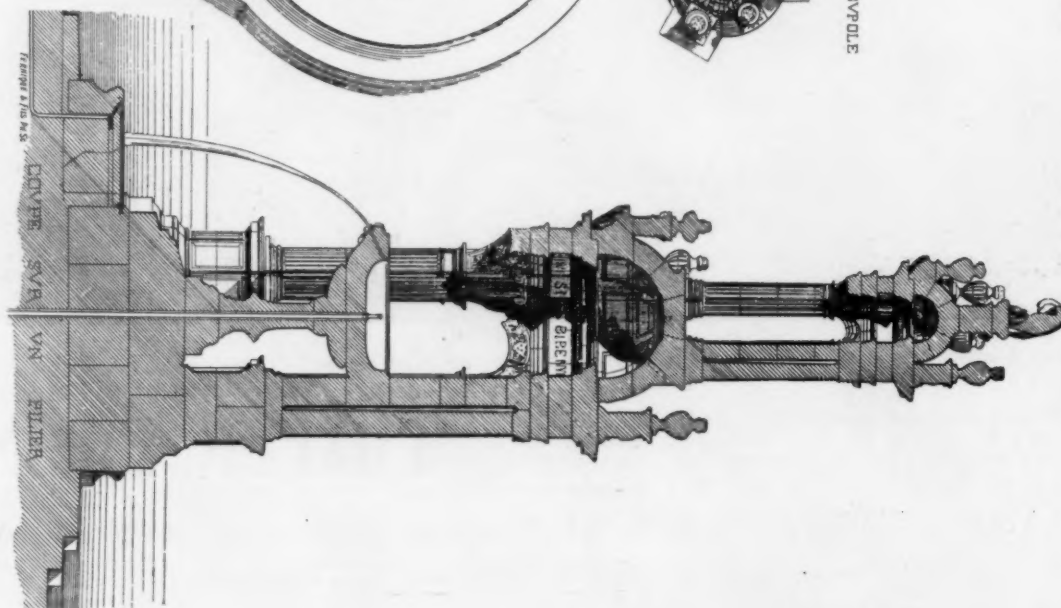
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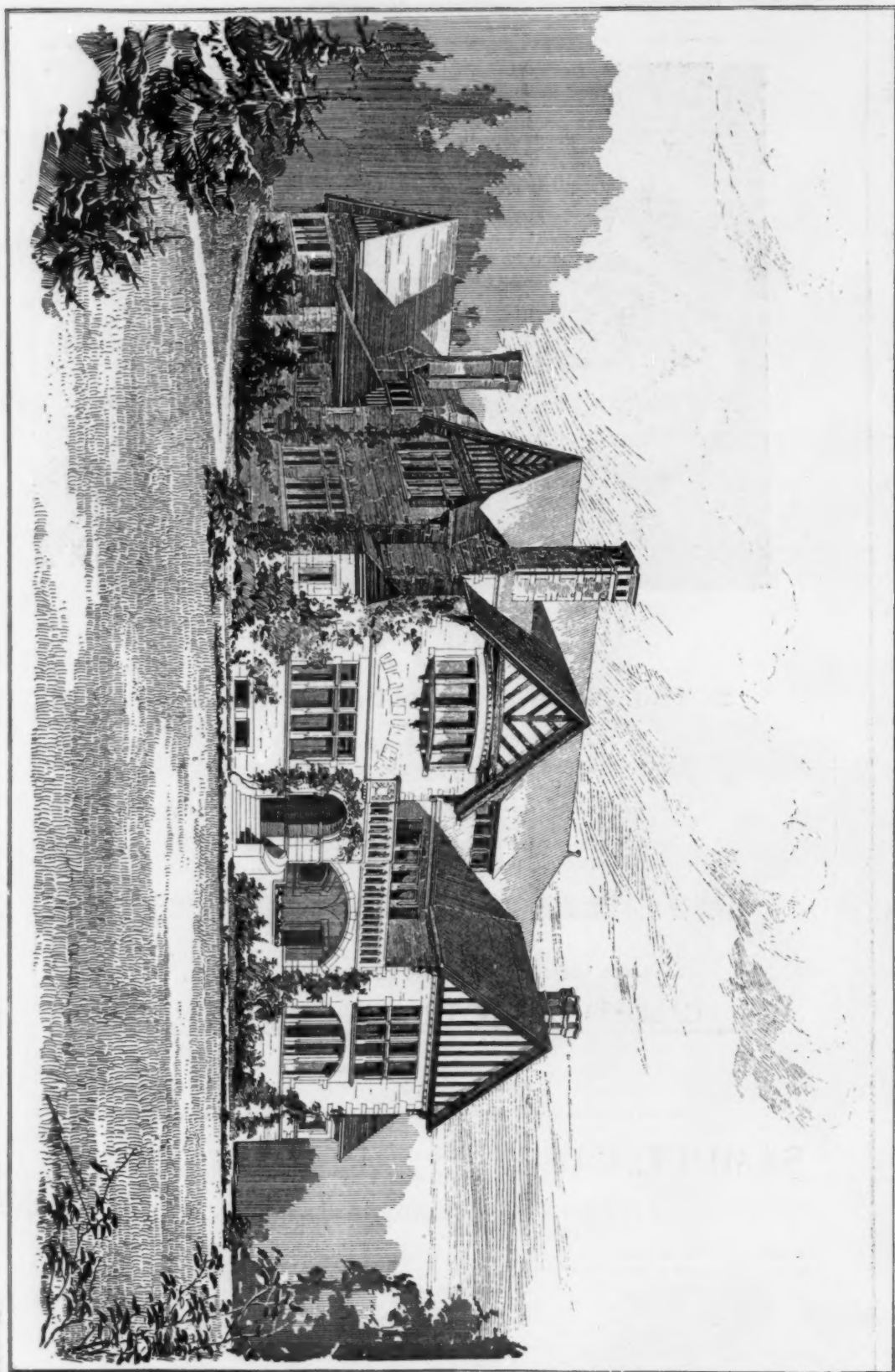
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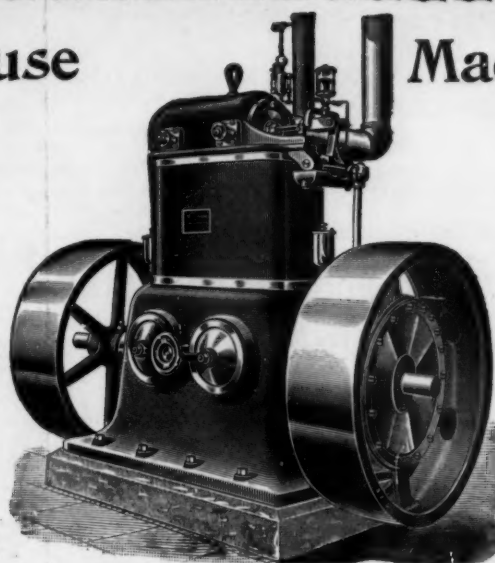
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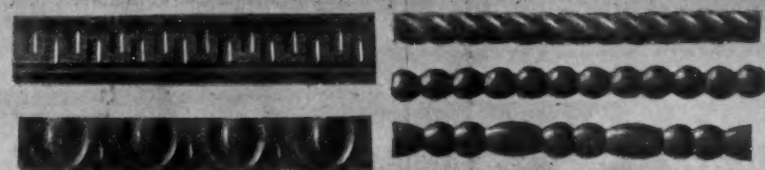
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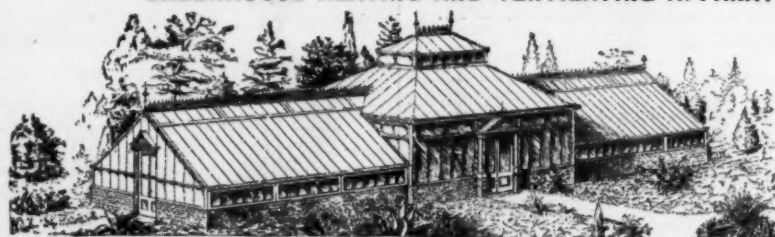


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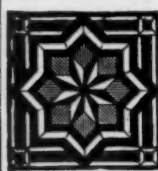
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BUILDING INTELLIGENCE.

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

ADVANCE RUMORS.

Albany, N. Y. — A \$30,000 public bath-house is proposed.

Appleton, Wis. — The Library Board is advertising for plans for a new library building to cost \$10,000. Work will be begun in the early spring.

Aurora, Ill. — A \$45,000 Court-house is contemplated. Birmingham, Ala. — Plans submitted by T. U. Walters & Co., architects, for the hospital for the Sisters of Charity, to be erected at Fountain Heights, have been accepted. The estimated cost of the entire building is \$250,000, but at present only one wing will be built, at a cost of about \$60,000.

Boston, Mass. — Plans have been made A. Warren Gould for the brick three-story school-building to be erected on Quincy St., Dorchester, near Phillips Ave., for the City of Boston. The proposed building will have a frontage of 151 feet, and a depth of 72 feet. It will be of fireproof construction; estimated cost, \$100,000.

Cincinnati, O. — Asa Van Wormer, a wealthy retired merchant has donated through a trustee, to the University of Cincinnati, \$50,000, to be used for the erection of a fireproof library building for the University.

Colorado Springs, Col. — The First Methodist Society will, in the spring, erect a new church to cost \$35,000. Dr. W. A. Allen, pastor.

Des Moines, Ia. — Report states that the Building Committee of the Board of Library Trustees has decided to secure plans by a competition of Des Moines architects, if satisfactory plans can be thus obtained. If results of first competition are unsatisfactory, plans will also be invited from outside architects. The library building will cost \$125,000. The members of the Building Committee are: A. P. Fleming, Dr. W. N. Heaton, George F. Henry, Mrs. Samuel Green and W. F. Mitchell.

Polk County has voted to erect a Court-house to cost \$125,000.

Marietta, O. — The proposition to build a County Court-house, at an estimated cost of \$125,000, was voted on favorably at the recent election.

Minneapolis, Minn. — The Minnetonka Pleasure Club will erect a club-house and inn to cost about \$15,000, plans for which are being prepared by W. G. Whitney, architect, Minnesota Loan and Trust Building.

The Minikahda Club has been incorporated, and proposes to erect a club-house and equip grounds for athletic sports. M. B. Koon is the first president. Plans will soon be prepared for a building to cost \$12,000.

Natick, Mass. — W. L. Bullard, E. W. Marsden and others have been appointed as a committee to erect a new library building in this town, to cost about \$30,000.

New Britain, Conn. — B. H. Hibbard has received the contract for erecting the library for the New Britain Institute; probable cost, \$50,000.

New York, N. Y. — The Boys' Club of 125 St. Mark's Pl., propose building a new club-house.

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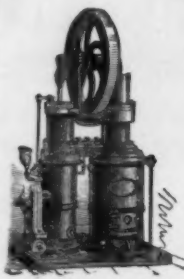
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

The New York Yacht Club will erect a club-house on plot, 75' x 100' 6", Nos. 37-41 W. 44th St., which was donated by J. Pierpont Morgan, and the following architects have been invited to prepare plans in competition: McKim, Mead & White, 160 Fifth Ave., Geo. A. Freeman, 27 E. 26th St., H. Edwards Fieken, 10 W. 22d St., Carrère & Hastings, 28 E. 41st St. and C. C. Haight, 111 Broadway.

George Blumenthal, the present manager of the Harlem Opera-house, has purchased the plot of ground, 100' x 125', on which the Harlem Casino stands, at 124th St. and 7th Ave., together with the two full lots on 124th St. and will begin at once the erection of a theatre, concert-hall and apartment-house, to cost \$475,000. The theatre will seat 2,000 persons, and the music-hall 1,000. Alfred Zucker, 33 Union Sq., is the architect.

Rockaway, L. I., N. Y. — The plans of Pollard & Steinman, 19 Union Sq., New York City, architects in the competition for the Sanitarium for Hebrew Children, have been chosen by the Committee. The present building will be altered, and several new buildings constructed. The cost of the operation is estimated at \$10,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

San Francisco, Cal. — The Board of Education has accepted the plans prepared for the new twelve-room school-building to be erected at the corner of 23d and Douglas Streets, at an estimated cost of \$10,000.

St. Paul, Minn. — Architects Bassford & Donohue have prepared plans for the Golden Rule Building, to be 100' x 150', and two stories; cost, \$25,000.

Weymouth, Mass. — Miss Josephine Wright Chapman, architect, Boston, is preparing plans for a house for Russell G. Hunt.

ALTERATIONS AND ADDITIONS.

Worcester, Mass. — Providence St., three-story fr. addition to Old People's Home; \$5,000; o., Sisters of St. Francis; a., O. E. Nault; day-work.

APARTMENT-HOUSES.

Boston, Mass. — Beacon St., cor. Maitland St., Ward 11, bk. apart., 31' x 55', flat roof, steam; \$60,000; o. & b., Bernard Steiner; a., Halstrom & Bates, 7 Exchange Pl.

Chicago, Ill. — Ingleside Ave., Nos. 6407-9, three-story bk. flat, 45' x 65'; \$12,000; o., E. Rosen; b., C. A. Carlson.

Forty-seventh St., Nos. 244-46, four-story bk. apart., 60' x 90'; \$30,000; o., Agnes Crocker; b., George Williams Co.; a., Patton, Fisher & Miller.

Kimball Ave., Nos. 6560-2, three-story bk. flats, 50' x 51'; \$15,000; o., C. Long; b., E. Slattery & Son.

Milwaukee Ave., No. 367, four-story bk. store & flat, 25' x 52'; \$14,000; o., Fred Herold; b., H. Rasmussen.

Catalpa Ch., nr. Humboldt Boulevard, three-story st. flats, 22' x 60', comp. roof, steam; \$20,000; o., Garrett W. Patterson; a., D. A. La Pointe, 810 Security Building.

Jackson Boulevard, No. 1307, three-story st. flat,

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

31' x 64', flat roof, steam; \$12,000; o., L. I. Cochrane; a., Henry Worthman, 625 W. Chicago Ave.

New York, N. Y. — Westchester Ave., cor. St. Ann's Ave., six-st'y bk. flat, 42' 6" x 84' 6"; \$45,000; o. & a., Albert Rothermel, 663 E. 144th St.

W. Central Park, nr. 98th St., five-st'y bk. flat, 25' 3" x 84'; \$22,000; o., John K. McAfee, 335 W. 84th St.; a., James W. Cole, 403 W. 51st St.

W. Central Park, nr. 90th St., seven-st'y bk. flat, 50' 4" x 87'; \$90,000; o., Thos. J. McGuire, 968 St. Nicholas Ave.; a., Harry T. Howell, 748 E. 138th St.

Fulton Ave., bet. 173d & 174th Sts., 10 four-st'y bk., st. & terra-cotta flats, 25' x 60'; \$125,000; o., Morris Marks, 52 W. 18th St.

Third Ave., cor. Rose St., five-st'y bk. flat & store, 25' x 95' 6"; \$45,000; o., Frederik Ware, 8th Ave. & 124th St.

E. Seventh St., Nos. 272-278, 3 six-st'y & base, bk. flats, 29' 10" x 79' 10"; \$75,000; o., Michael Hanlon, 122 Bowery; a., Horenburger & Straub, 122 Bowery.

Jerome Ave., nr. 169th St., five-st'y bk. flat, 25' x 85' 0"; \$18,000; o., W. N. Clark, 172 William St.; a., James I. Campbell, 29 E. 19th St.

Jerome Ave., cor. 169th St., five-st'y bk. flat, 45' x 95'; \$30,000; o., H. S. Clark, 172 William St.; a., James I. Campbell, 29 E. 19th St.

Worcester, Mass. — Forest Ave., two-st'y fr. apart., 25' x 65'; \$6,000; o., Alfred T. Proctor; a., Geo. H. Clemence; contracts not let.

CHURCHES.

Boston, Mass. — North Sq., cor. Sun Ct., Ward 6, bk. & st. church, 58' x 82', pitch roof, steam; \$40,000; o., Rev. John J. Williams; b., Nocito & Casella; a., John Lavalie and Frank Churchill, 85 Devonshire St.

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BUILDING INTELLIGENCE.

(Churches Continued.)

& brownst. church, 45' x 110'; \$25,000; o., St. Peter's R. C. Church, Rev. J. F. Raywood; a., Elliott Lynch, 1133 Broadway, New York City.

CLUB-HOUSES.

Boston, Mass. — Strandway, nr. P St., Ward 14, one-st'y fr. club-house, 65' x 110'; pitch roof, steam; \$18,000; o., Boston Yacht Club; b., Morrison Bros.; a., Maginnis, Walsh & Sullivan, Tremont Building.

EDUCATIONAL.

Berea, O. — 2½-st'y st. college building, 40' x 65', slate roof, steam; \$10,000; o., German Wallace College; a., Fugman & Uhlrich, Cleveland.



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Orange, N. J. — Cleveland St., nr. Alden St., two-st'y bk. school of 12 rooms, 96' x 150'; \$40,000; o., School Board; a., Karr, Poole & Lum, 70 Fifth Ave., New York City.

FACTORIES.

Worcester, Mass. — Water St., three-st'y bk. factory; \$3,000; o., Nathan Kurnin; a., J. P. Kingston; e., E. Bellisle.

HOSPITALS.

Brooklyn, N. Y. — Clarkson St., nr. Albany Ave., three-st'y bk. home, 38' x 108'; \$22,000; o., Department of Public Charities, New York; a., L. H. Voss, 65 De Kalb Ave.

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Coney Island, N. Y.—Three-st'y fr. hotel, 60' 6" x 65'; \$12,000; o., Mrs. W. Morin, W. 5th St.; a., H. D. Whipple.

HOUSES.

Boston, Mass.—Bigelow St., nr. Webster St., Ward 25, two-st'y fr. dwell., 29' x 30', pitch roof, furnace; \$4,000; o. & b., A. S. McLachlan, 40 Bigelow St.

Greenwood St., nr. Roxton St., Ward 20, 2½-st'y fr. dwell., 34' x 43', pitch roof, furnace; \$6,000; o. & b., J. S. MacLearen, Bowdoin Sq., Dorchester.

Crescent Ave., nr. Mosley St., Ward 20, 2 three-st'y fr. dwells., 29' x 51', flat roofs, stoves; \$8,000; o., Wm. Duff; b., Wm. T. Eaton, 178 Devonshire St.

Cottage Park, nr. Bowdoin St., Ward 20, two-st'y fr. dwell., 29' x 44', pitch roof, furnace; \$4,500; o. & b., T. P. Sullivan.

North Sq., cor. Sun Ct., three-st'y bk. rectory, 16' x 20' x 82', flat roof, steam; \$5,000; o., Rev. John J. Williams; b., Noctito & Casella.

Northam Park, Ward 24, 2 three-st'y fr. dwells., 25' x 42', flat roofs, stoves; \$8,000; o. & b., W. H. Newcomb, 1975 Dorchester Ave.

Dorchester Ave., Nos. 1832-38, Ward 24, 4 three-st'y bk. dwells., 23' x 45', flat roofs, stoves; \$20,000; o., Thomas M. Smith; b., Morris Gutlin, Montrose St., Roxbury.

Templeton St., nr. Dorchester Ave., Ward 24, three-st'y bk. dwell., 20' x 40', flat roof, stoves; \$5,000; o., Thos. M. Smith; b., Morris Gutlin.

Norway St., nr. Turner St., Ward 10, 4 four-st'y bk. dwells., 15' x 23' x 72', flat roofs, steam; \$30,000; o. & b., Hanlon & McKinnon, 303 Dudley St.

Kenswood Road, nr. Huntington Ave., Ward 19, 2½-st'y fr. dwell., 28' x 55', pitch roof, furnace; \$6,000; o. & b., J. C. Spillane, Francis St., Roxbury.

Sawyer Ave., No. 101, two-st'y fr. dwell., 32' x 42', pitch roof, furnace; \$4,200; o., Francis White; b., Wm. T. Eaton.

McLellan St., nr. Paige Ave., Ward 20, two-st'y fr. dwell., 30' x 50', pitch roof, steam; \$5,000; o., Mrs. P. Bresnahan, Paige Ave., Dorchester.

Ponemah St., nr. Blue Hill Ave., Ward 24, 2½-st'y fr. dwell., 29' x 43', pitch roof, hot water; \$5,500; o., Margaret G. Clinton; b., P. Schneider, 13 Eggleston St.

Ellingwood St., nr. Lawn St., Ward 19, two-st'y fr. dwell., 25' x 48', pitch roof, stoves; \$5,000; o. & b., P. Tobin, 48 Terrace St.

Dennison St., Nos. 6-8, Ward 21, 2 two-st'y fr. dwells., 29' x 46', pitch roofs, furnaces; \$10,000; o. & b., Robert M. Goode, 12 West St.

Homestead St., Nos. 19-21, Ward 21, 2 two-st'y fr. dwells., 32' x 50', pitch roofs, furnaces; \$12,000; o., J. Mulcahey; b., J. J. Cranitch, 65 State St.

Brooklyn, N. Y.—Fiftieth St., nr. 5th Ave., 15 two-st'y bk. & st. dwells., 20' x 50'; \$90,000; o. & b., Chas. Hamilton, 271 Fifty-second St.; a., Thomas Bennett, 198 Fifty-third St.

Midwood St., nr. Bedford Ave., 10 three-st'y & base. bk. dwells., 20' x 45'; total cost, \$80,000; o., Wm. A. Brown, Flatbush Ave. & Midwood St.; a., Wm. M. Miller, Flatbush Ave. & Midwood St.; b., J. MacArthur, 1199 Bedford Ave.

Second Ave., cor. 77th St., two-st'y & attic fr. dwell., 41' x 52', shingle roof; \$5,000; o., J. C. Larnau, 145 St. Mark's Ave.; a., G. Edward Eachou, 162 W. 27th St., New York City.

Twenty-first Ave., cor. Bath Ave., two-st'y & attic fr. dwell., 30' x 43', shingle roof; \$7,000; o. & a., Walter E. Parfitt, 2006 Benson Ave.

Detroit, Mich.—Seminole Ave., 2½-st'y fr. dwell., 42' x 50', shingle roof, furnace; \$5,500; o., Dr. A. P. Biddle, 57 Fort St.; a., Rogers & McFarlane.

Hancock Ave., two-st'y fr. dwell., 36' x 52', shingle roof, furnace; \$5,000; o., D. O. Wiley, 20 E. Woodbridge St.; a., John R. Gentle.

Newark, N. J.—Lafayette St., No. 17, three-st'y bk. dwell. & store, 34' x 50'; \$9,000; o., Joseph Hensler; a., H. C. Klemm.

Newton, Mass.—Fountain St., 2½-st'y fr. & st. dwell., 59' x 64'; \$25,000; o., R. W. Williamson; b., John Alden.

Hammond St., two-st'y fr. dwell., 42' x 68'; \$10,000; o., Gertrude Bradley; b., C. H. Mead.

Manet Road, two-st'y fr. dwell., 33' x 34'; \$6,000; o., Daniel Manning; b., Sidney Griffin.

Somerville, Mass.—Glen St., nr. Morton St., three-st'y fr. dwell., 36' x 53', flat roof, furnace; \$5,200; o. & b., W. L. Waugh, 17 Henry Ave.

Pearl St., nr. Walnut St., three-st'y fr. dwell. & store, 33' x 55', flat roof, furnace; \$5,500; o., Walter H. Gleason, 13 Dartmouth St.; b., Chas. E. Harris.

Worcester, Mass.—Lincoln Ave., 2½-st'y fr. dwell., 33' x 45'; \$5,500; o. & a., Peter Lord.

BUILDING INTELLIGENCE.

(Houses Continued.)

Shirley St., three-st'y fr. dwell., 26' x 50'; \$5,000; o., L. B. Towne; c., W. B. Howe.

Lee St., two-st'y fr. dwell., 28' x 62'; \$7,000; o., B. W. Grout; a., Fuller, Delano & Frost; c., J. I. Elliott.

Haviland St., two-st'y fr. dwell., 28' x 43'; \$5,000; o., W. E. Bigelow; a., Geo. H. Clemence; c., A. N. Booth.

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OFFICE-BUILDINGS.

Philadelphia, Pa.—Chestnut St., No. 1533, four-st'y bk. & st. store & office building, 18' 6" x 108'; \$25,000; o., Herman E. Bonchur; c., Wm. R. Dougherty; a., Addison Hutton.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Woodruff Ave., nr. Flatbush Ave., four-st'y bk. flat, 44' x 70'; \$19,500; o., Mich. L. Hamilton, on premises; a., J. J. Petit, 186 Remsen St.

Classon Ave., nr. Prospect Pl., 2 two-st'y bk. flats, 27' 6" x 65', gravel roofs; \$13,000; o., a. & b., Edmund Perkins, 302 Smith St.

New York, N. Y.—Third Ave., nr. Wendover Ave., 2 four-st'y bk. flats, 25' x 64'; \$32,000; o., Mary E. Robinson, 647 W. 152d St.; a., Chas. Baxter & Son, 2580 Third Ave.

One Hundred and Thirty-eighth St., nr. Willis Ave., 3 six-st'y bk. flats, 32' x 90' & 34' x 90'; \$20,000; o., The Borough Home Co., 612 Broadway; a., Herts, Tallant & Ware, 258 Fifth Ave.

W. Twenty-ninth St., Nos. 438-444, 4 five-st'y bk. flats, 25' x 84' 11"; \$70,000; o., J. D. Karst, Jr., 258 W. 38th St.; a., Louis Korn, 37 Maiden Lane.

Grove St., No. 20, six-st'y bk. store & flat, 28' x 95'; \$26,000; o., Leister Dohrenwund, 134 First Ave.; a., Schneider & Herter, 46 Bible House.

Willett St., Nos. 85-87, six-st'y bk. store & flat, 39' 11" x 86'; \$35,000; o., Michael & Max Chisling, 130 Monroe St.; a., Horenburger & Straub, 122 Bowery.

West Hoboken, N. J.—Spring St., four-st'y bk. store & flat; \$12,000; o., C. Loehman & Son, 451 Second Ave., New York City.

WAREHOUSES.

Chicago, Ill.—W. Madison St., Nos. 117-119, five-st'y bk. store & flats, 50' x 125'; \$18,000; o., Ruth Jones; b., John Hammond.

Michigan Ave., No. 137, two-st'y bk. store-building, 30' x 172'; \$12,000; o., Harold McCormick; b., Geo. A. Fuller Co.

Minneapolis, Minn.—Hennepin Ave., Nos. 515-17, two-st'y bk. store; \$15,000; o., Fred'k Roach; c., Barclay Cooper.

Newark, N. J.—Arlington St., No. 100, eight-st'y bk. warehouse, 28' x 80'; \$25,000; o., John Mulligan; a., Gustave Staehlin.

New York, N. Y.—E. Seventeenth St., No. 16, eight-st'y bk. store & flats, 25' x 86'; \$90,000; o., Thomas McKeon, 338 E. 66th St.; a., William J. Dilthy, 1-3 Union Sq.

E. Fourth St., No. 25, eight-st'y bk. store & flats, 20' 11" x 116'; \$45,000; o., H. S. Cole, 658 Broadway; a., F. B. Cole, 658 Broadway.

Park Ave., cor. 131st St., five-st'y bk. warehouse, 50' x 100'; \$30,000; a., B. & J. P. Walther, 205 E. 125th St.

Philadelphia, Pa.—Oxford St., No. 1917, four-st'y bk. & iron storage warehouse, 20' x 130'; \$15,000; o., Alice Van A. Lea.

Worcester, Mass.—Thomas St., four-st'y bk. storehouse; \$12,000; o., Walker Armington; a., Cutting, Carleton & Cutting; no contracts let.

COMPETITIONS.

SCHOOL-HOUSE. [At Orange, N. J.] It is stated that the Board of Education will receive bids November 23 for a school in the 5th Ward. 1195

PROPOSALS.

HEATING AND VENTILATING. [At Boston, Mass.] Contractors are invited to leave at the office of the Superintendent of the Boston City Hospital before 12 o'clock noon of November 23, 1898, proposals for furnishing the heating and ventilating system for

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PROPOSALS.

the Ann White Vose Building of said hospital. A bond of two thousand (\$2,000) dollars for faithfully doing the work will be required. The bidder must use the form of proposal to be obtained at the office of Wheelwright & Haven, architects, Tremont Building, in said city, fill out and sign the proposal, and leave with it at said office a certified check for \$300, payable to the City of Boston, the check to be the property of the city if the bidder fails to carry out his proposal. All proposals so filled out and left, and no other, will, at said time and place, be publicly opened and read; and the trustees reserve the right to reject any or all proposals. A. SHUMAN, President of the Board of Trustees of the Boston City Hospital. 1195

Treasury Department, Office Supervising Architect, Washington, D. C., November 9, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 30th day of November, 1898, and then opened, for painting, screens, etc., at the United States Post-office, Court-house, etc., Troy, N. Y., in accordance with the specification, copies of which may be obtained at this office or the office of the Custodian at Troy, N. Y. JAMES KNOX TAYLOR, Supervising Architect. 1196

COURT-HOUSE.

[At Danbury, Conn.]

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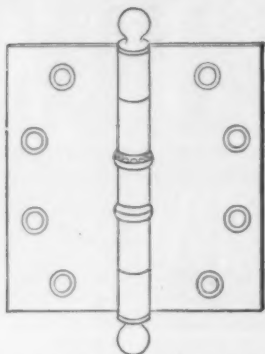
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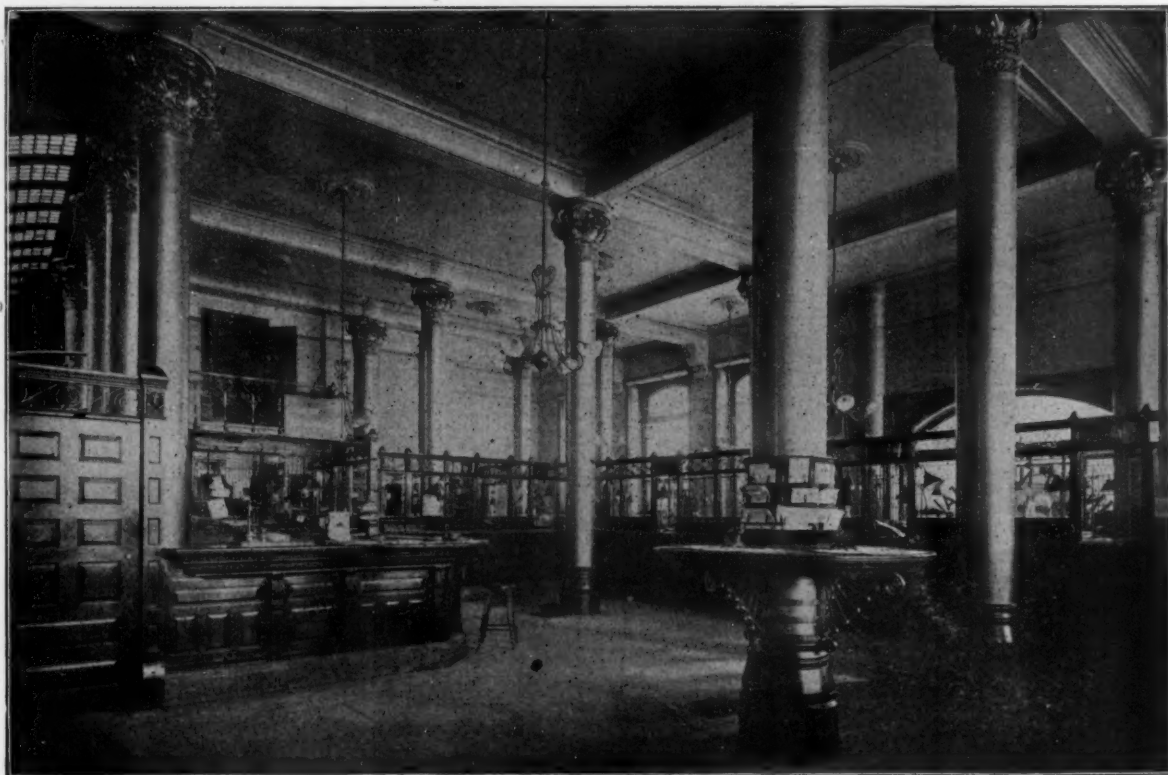
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Block:		4 60 P perch.	10 00 @ cord	Conshocken
Rubble:		1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow:	@ 80	80 @ 90	@	@ 95 @ 1 05
Kibbe:	@ 90	90 @ 1 10	@	@ 1 05 @ 1 25
Brown (Connecticut):	1 00 @ 95	1 00 @ 1 30	1 50 P cub. ft.	1 05 @ 1 25
Amherst Ohio:	90 @ 95	90 @ 1 00	45 @ 55	85 @ 95
Berea:	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin:	75 @ 1 00	80 @ 90	45 @ 55	85 @ 95
Belleville:	80 @ 1 25	25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester):	@ 1 00	75 @ 90	Not sold.	1 05 @ 1 15
Potsdam Red:	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen:	@ 1 05	@ 2 00	@	1 25 @ 1 35
Carlisle, English:	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch):	@ 1 05	@ 1 05	@	95 @ 1 05
Granite: (Maine)		@ 60	80 @ 1 50	55 @ 65
Limestone:				
Bedford:	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet:	1 00		@	Richmond
Lemont:			@	P 75 @ 1 50
Serpentine:		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				1 in. th. 10 @ 25
Sidewalk:	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planned:	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (P cu. ft.)				
Leo, Mass:	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue:	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls:	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black:	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined:	@	@	@ 4 40	2 50 @ 2 75
Sienna:	@	@	Not sold.	@ 5 00
Tennessee, red:	@	@	@ 4 40	4 00 @ 6 00
Knoxville:	@	@	Not sold.	2 00 @ 4 00
Pennsylvania, blue:	@	@	3 50 @ 6 00	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:	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh:	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans:	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor:	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black:	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
" "	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Ala. P M.	@	@	Salt-glazed tile	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at 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 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	12 00 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock:	20 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine:	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress:	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine:	@	35 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	13 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce:	12 00 @ 16 00	12 00 @ 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:	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine:	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce:	@ 1 75	1 80 @ 2 15	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved:	5 00 @ 6 00	@	Not sold.	
Pine, sawed:	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed:	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood:	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	
Cedar split:	@	@ 6 00	Not sold.	
Cedar sawed:	@	2 00 @ 3 25	2 50 @ 2 90	
Cypress, Split:	18 00 @ 20 00	5 00 @ 6 00	@	

(30" \$35 @ 40
24" 5 @ 21
20" 25 @ 14
11 00 @ 14 00

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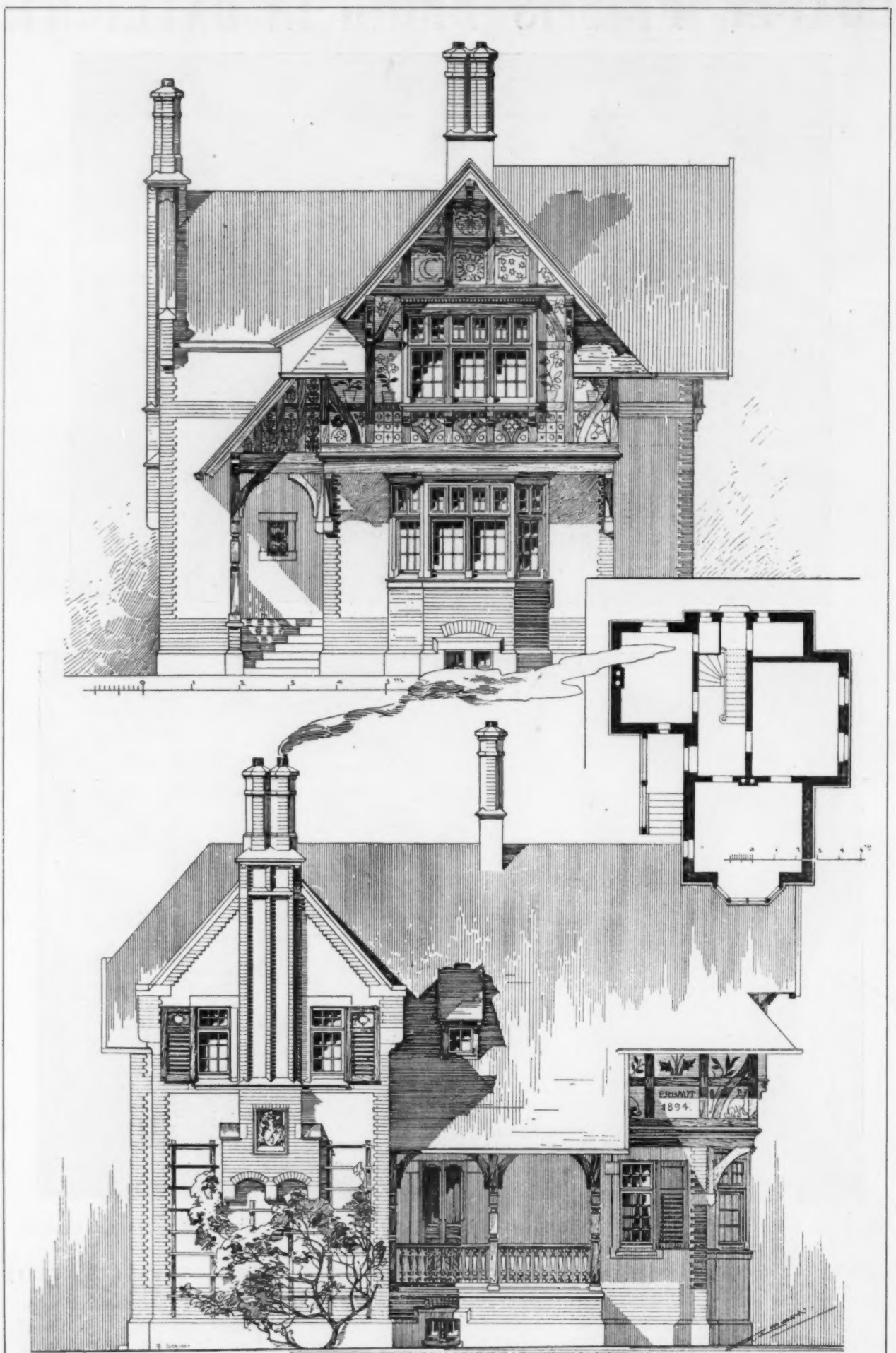
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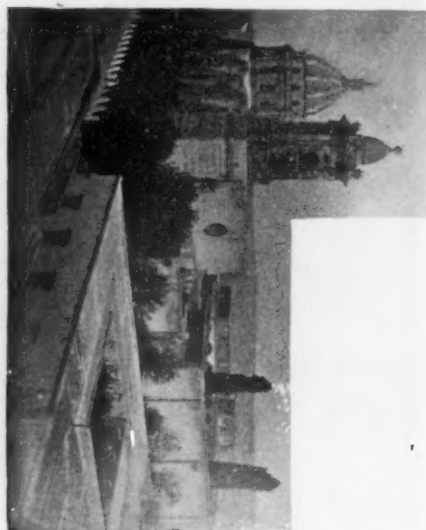
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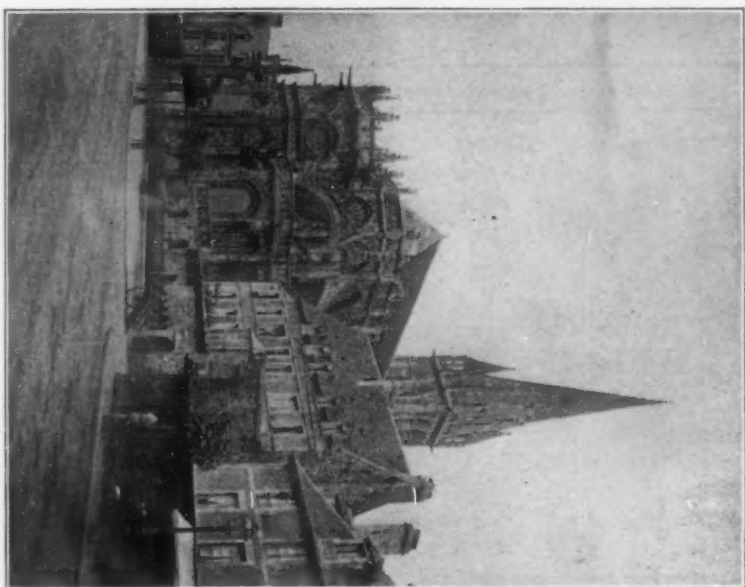
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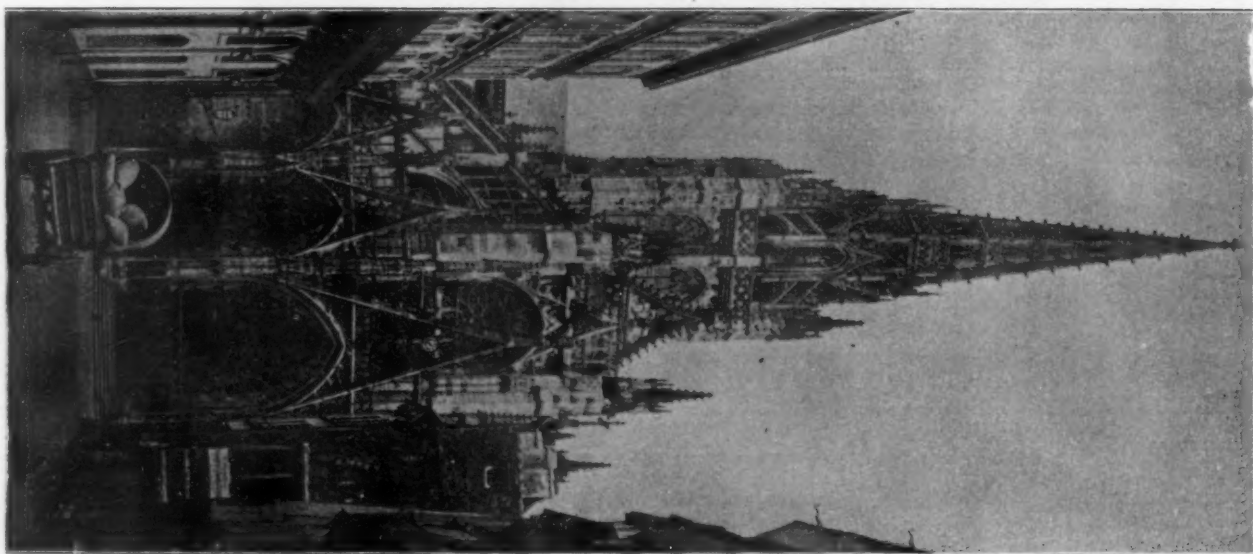
AGENTS: V. H. Schneider, 12 Wooster St., New York; Samuel H. French & Co., Philadelphia, Pa.; Charles J. Waterhouse, San Francisco, Cal.; P. H. Mathews, Los Angeles, Cal.; Whitelaw Brothers, St. Louis, Mo.; George H. Lawes & Co., St. Paul, Minn.; John H. Corning, Washington, D. C.; Brady & Co., Detroit, Mich.; The National Building Supply Co., Baltimore, Md.; C. H. Brown & Co., Seattle, Wash.; Cleveland Builders' Supply Co., Cleveland, O., and all other central points.



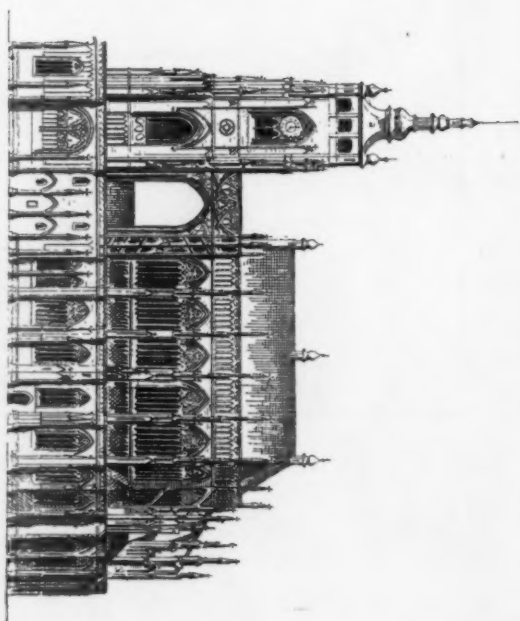
Convent Church of La Concepcion, San Miguel Allend, Mex.



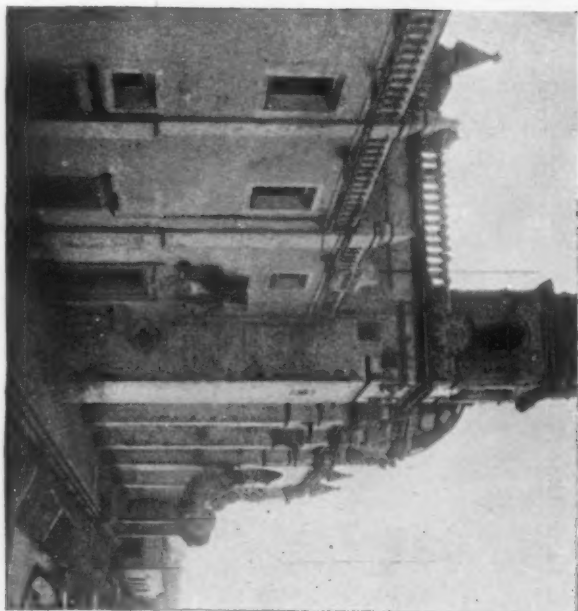
St. Pierre, Caen, France.



St. Maclou, Rouen, France.

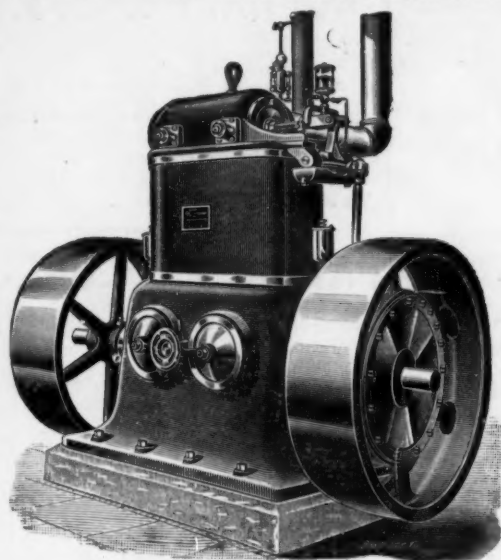


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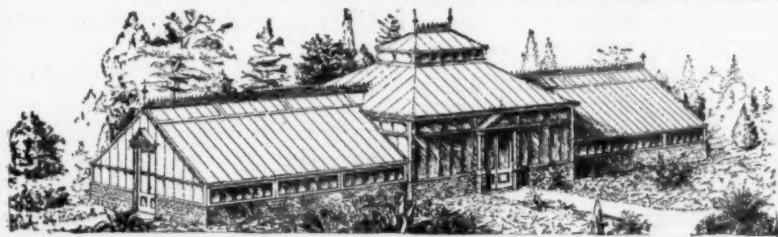
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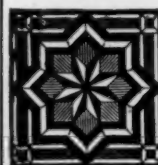
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614,403. PAINT.—John W. Lowman and Neal M. Gage, Warrington, Fla.
614,429. SASH-FASTENER.—Samuel E. Bird, Chicago, Ill.

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.

Albany, N. Y.—The trustees of the West Albany Y. M. C. A. have decided to erect a new building on Watervliet Ave., near the West Albany Bridge. It is estimated to cost \$30,000. A committee has been appointed to secure plans and specifications.
Appleton, Wis.—The Council has passed a resolution authorizing the Committee on Library to invite architects to submit plans for a new building.
Auburndale, Mass.—Graduates and former students of Lasell Seminary are considering the erection of Carpenter Hall at the school grounds. The alumni are meeting with good success in raising funds, and the building seems to be assured.
Audenried, Pa.—E. F. Durang, 1200 Chestnut St., Philadelphia, has prepared plans for a new church to be erected by the Roman Catholic congregation. It will be a frame structure, with steam heat, tin and slag roof, with a seating capacity of 500, and will cost \$25,000, Rev. P. Mallory, pastor.
Baltimore, Md.—The Board of Trustees of the recently organized Church of the Redeemer decided to purchase the Glenden Estate, on Oliver St., between Bond St. and Broadway, as a site for their new church building. Rev. F. K. Snyder, pastor.
Battle Creek, Mich.—C. W. Post will erect a sanitarium to accommodate 3,000 patients. The first building will accommodate 75 to 100; cost complete \$500,000.
Bellefontaine, O.—The citizens have voted to erect a \$12,000 school.
Beverly Farms, Mass.—Dr. James Marsh Jackson of 197 Beacon St., Boston, has bought a lot of land at this place. The lot fronts on Hale St., and contains about 30,000 square feet. He will build a dwelling for his own occupancy.
Boston, Mass.—Press reports state that the Shoe and Leather trade contemplate erecting a new building. The area to be covered is almost exactly one acre, comprising the whole square between Lincoln and Albany, Beach and Kneeland Streets. The proposed new building on the site of the old Albany station, which site has been bonded for that purpose, will establish a permanent centre for the business, with a capacity for from 100 to 150 differ-

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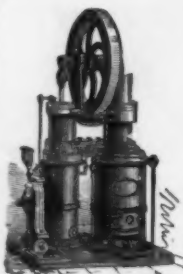
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

ent firms in the various stores and offices, and will be constructed strictly in accordance with the wants of the concerns in these particular lines. It is to be six stories high, with a large and well lighted basement. On the ground floor are to be twenty-eight stores fronting on Lincoln and Albany Streets, each having a frontage of about 20 feet and a depth of from 60 to 70 feet. Through the centre from Beach Street to Kneeland Street, will be a broad central corridor. The second floor will consist of rooms of the same size as the stores below, leading off a similar corridor. The three upper floors will be devoted principally to storage in connection with the stores and rooms below. Some portions of these floors will be occupied by several of the organizations in connection with the shoe and leather trade for rooms of meeting and other purposes. The total amount to be invested in the property is about \$1,200,000, and the building will be completed in about a year and a half.

The Boston Music Hall Corporation propose erecting their new building, but have not fully decided as to the location or structure. McKim, Mead & White, New York City, are reported as preparing the plans, for a brick and stone music-hall to be erected at the corner of Massachusetts and Huntington Aves.

The plan to erect a Children's Home in W. Roxbury near the Parental School has been abandoned and the Trustees of the Children's Institutions Department are looking for another site. A place on Bellevue Street and another on Robin Street are under consideration.

Plans have been drawn for the new Methodist Church edifice to be built on Wenham St., Forest Hills.

Braddock, Pa.—The Braddock School Board has awarded to George Hogg the contract for the erection of the new 2d Ward school-house at \$47,667.48. The new school-building is to be a two-story brick structure and will contain 16 rooms.

Chester, Pa.—The plans of Geo. W. Nattress & Son, 430 Walnut St., Philadelphia, have been accepted for the new St. Paul's Church, Rev. Francis M. Taitt, rector.

Chicago, Ill.—The Northern Trust Co., 215 La Salle St., will erect a ten-story building at 211-13 Wabash Ave., adjoining the new Ayer Building.

Cincinnati, O.—Report states that Samuel Hannaford & Sons, Hulbert Block, will prepare plans for the proposed library for the University of Cincinnati; estimated cost, \$50,000.

Griffith & Sons have received the contract for the Cunningham Hall at the University, at \$36,525.

Columbia, S. C.—The Marion Street Methodist Episcopal Society contemplate the erection of a new church, to cost about \$10,000, Rev. P. L. Kirton, pastor.

Des Moines, Ia.—The C. R. I. & P. will erect a depot to cost \$200,000. C. A. Frost, architect, of Chicago, will prepare the plans.

Florisant, Mo.—Louis Wessbecher, Temple Building, St. Louis, has prepared plans for an addition to St. Stanislaus Seminary at Florisant, near St. Louis. It will be 50' x 70', three stories high, constructed of brick, with stone trimmings, lead and tin roof, steam heat, fire-escapes, and will cost about \$17,000.

Georgetown, Ky.—The proposition to issue \$12,000 for a city building was carried at the recent election.

Hartford, Conn.—The citizens have voted to appropriate \$25,000 for completing the High School.

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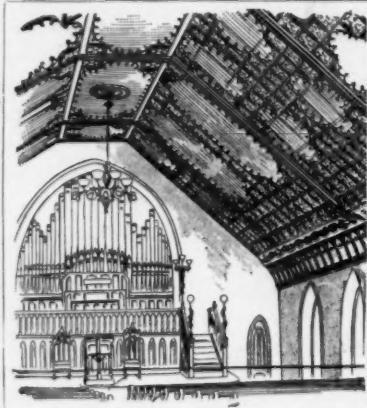
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

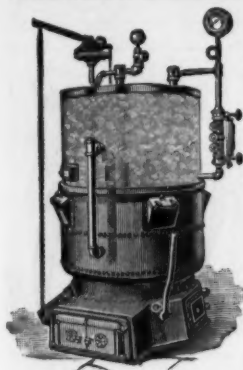
Holyoke, Mass.—The Mount Holyoke College has received a gift of \$100,000 from the late Charles P. Wilder, of Wellesley Hills. One-half of it will be devoted to the erection of a new dormitory building.

Houston, Tex.—The Grace Methodist Episcopal Society will build a new church on the corner of Main St. and Polk Ave.

Manchester, Va.—Plans have been prepared for a new church for the Baptist Society of Oak Grove, to be erected on Maury and 20th Sts., Rev. J. A. Sullivan, pastor.

Minneapolis, Minn.—A preparatory school for boys, to be known as "Hennepin Institute," will be erected by the Catholic people of this city. It will be under the direction and government of the order of the Brothers of the Christian School, and it is expected to begin work next summer. The cost will be about \$30,000.

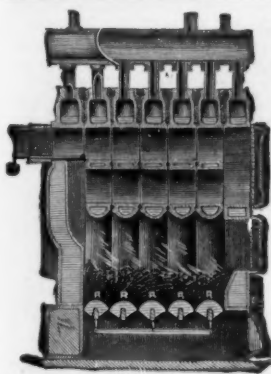
Mobile, Ala.—Reports state that Mrs. Russell Sage



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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

has donated \$300,000 for the erection of a military sanitarium at Citronelle.

New Orleans, La.—Diboll & Owen, architects, 137 Carondelet St., have completed plans for the Wm. T. Richards Memorial Hospital to be erected in this city. The new building will be 120' x 120', three stories and basement high, constructed of brick, and cost about \$75,000.

Newport News, Va.—Report states that the congregation of the First Presbyterian Church has decided to erect a \$20,000 church, Rev. E. T. Wellford, pastor.

New Rochelle, N. Y.—Excavations have begun at Union Ave. and Division St. for the new St. Lucas German Lutheran Church edifice. The building will cost about \$8,000.

New York, N. Y.—The plan for the disposition of the block formerly the site of Columbia College, by its recent purchaser, Dr. John S. White, involves the sale of the library building to the New York Society Library. The School of Mines Building, on the Park Avenue front, will be converted into bachelor apartments, and after the removal of the present buildings, the intervening space fronting on the streets will be disposed of as sites for private dwellings. Through the centre of the block from Hamilton Hall to the School of Mines Building a strip 50 feet wide will be reserved and laid out as a small park or garden. On the 50th Street front, overlooking the garden, there will be sites for seven dwellings. The most westerly house will be separated from Hamilton Hall by a considerable space, making it practically a corner property. The plot on 49th St.-est, between Hamilton Hall and the library, according to Dr. White's plan, is to be the site of a six-story apartment-house. The new structure will be made to harmonize architecturally as nearly as possible with the Columbia buildings, which will remain, and the block will be known as "College Gardens."

Plans are now in preparation for a permanent home for the National Arts Club to be erected on the old Hotel Royal site, at 6th Avenue and 40th Street.

Norfolk, Va.—All the bids received for erecting new school-buildings in this city have been rejected, as all were above the appropriation. An additional sum of \$40,000 will be appropriated and the plans changed accordingly.

Northfield, Vt.—A popular subscription has been opened here for the erection of a building at Norwich University to be known as Dewey Hall, in honor of Admiral Dewey, who was educated at the University before he entered the Naval Academy at Annapolis.

North Tarrytown, N. Y.—A special meeting of the voters of School District No. 1, Town of Mount Pleasant, has been called to vote on the proposition to raise \$50,000 for a new school-house. The new building is needed, as the present accommodations are inadequate.

Peoria, Ill.—The plans of Richardson & Hotchkiss have been accepted for the Lincoln School; estimated cost, \$40,000.

Philadelphia, Pa.—Jos. D. Anschutz, 713 Filbert

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

St., will prepare plans for a public school to be erected at 31st and Huntington Sts. It will be constructed of brick and stone, will have slag roof, steam heat and fire-escapes; estimated cost about \$70,000.

Phoenix, Ariz.—The Territorial Capitol Site Commission has adopted plans for a capitol building to cost \$100,000. Bids for construction will be advertised for at once.

Port Clinton, O.—Caldwell & Drake, of Columbus, Ind., have received the contract for the erection of the Court-house at \$45,571.

Sacramento, Cal.—Samuel Ginsberg has had plans prepared for a hotel and theatre, to be erected on J St., between 10th and 11th Sts. The building will be 160' x 160', four stories and basement in height, built of brick, stone, terra-cotta and steel.

San Antonio, Tex.—The Hebrew congregation of Beth El has decided to build a new temple in this city. Samuel Marks, rabbi, M. Friedman, J. D. Strauss and others, Building Committee.

Sandusky, O.—The proposition to issue \$20,000 bonds for a County Children's Home is reported to have been carried.

Steubenville, O.—The congregation of the First Methodist Church has decided to erect a new structure to cost \$20,000. Rev. G. E. Maniman, pastor.

St. Louis, Mo.—Plans have been prepared by Louis Wesbecker, Temple Building, for a school and dormitory for the new theological faculty of St. Louis University. It will be 70' x 178', constructed of brick, with stone trimmings, four stories high, and will have lead and copper roof, steam heat, fire-escapes and window-guards; cost, \$75,000.

Terrell, Tex.—The First M. E. Society is considering plans for a \$12,000 church, Rev. E. H. Cary, pastor.

Whitehall, N. Y.—A site has been selected for a \$40,000 armory, for the Ninth Separate Company.

Wilmington, Del.—Architect E. L. Rice, 503 Equitable Building has completed plans for an office-building to be erected by Peter J. Ford at Market and 10th Sts. It will be six stories, and will cost \$65,000.

APARTMENT-HOUSES.

Chicago, Ill.—Evans St., Nos. 4801-3, three-st'y bk. apart.; \$32,000; o., James Cormack; b., Geo. Thomson.

E. Forty-fifth St., Nos. 359-63, 2 four-st'y bk. flats, 27' x 85'; \$20,000; o., Evan Lloyd; b., Geo. Williams; a., L. E. Stanhope.

Vincennes Ave., Nos. 4335-37, three-st'y bk. flat, 47' x 70'; \$15,000; o., E. A. Bidel; b., Boydell & Son; a., A. Foster.

Albany and Carroll Aves., three-st'y & base. bk. apart., 46' x 138', comp. roof, steam; \$35,000; o., M. G. McIntosh; a., Oliver W. Marble, 145 La Salle St.

Indiana Ave., No. 4820, four-st'y bk. flat, 25' x 70'; \$13,000; o., Mrs. Adella McHugh; b., F. Burke; a., L. Martins.

Forty-seventh St., Nos. 171-3, three-st'y bk. flat, 42' x 128'; \$25,000; o., Wm. Morris; b., Harper Bros.; a., Doerr Bros.

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(Apartment-Houses Continued.)

Milwaukee, Wis.—Chestnut St., two-st'y bk. store & flats, 30' x 64', shingle roof; \$40,000; o., Wm. Klau; a., Jacob Jacob.

Toledo, O.—Fourteenth St., nr. Adams St., three-st'y bk. flat, 45' x 75', flat roof, steam; \$15,000; o. & b., Murray Bros.; a., L. G. Welker.

Dorr St., cor. Ewing St., three-st'y bk. store & flat, 40' x 70', asphalt roof, hot water; \$10,000; o., D. A. Moyer; a., A. B. Sturges.

CHURCHES.

Cleveland, O.—Quincy St., cor. Willson Ave., two-st'y bk. & st. church, 54' x 90', slate roof, steam; \$16,500; o., Baptist Church Society; a., S. H. Badgley, 1288 Euclid Ave.

Ingraham, Pa.—One-st'y bk. & st. church; \$18,000; o., First Presbyterian Society; b., Dushane & Lewis.

Paris, Ill.—One-st'y bk. & rock church, 55' x 127', slate roof; \$28,000; o., Roman Catholic Society, Rev. B. Miurkan; a., Fr. Borgolte, Rock Island.

Topeka, Kan.—Bk. church, 64' x 130', with tower 150' high, slate roof; \$35,000; o., St. Joseph's Roman Catholic Society; a., George P. Stauduhar, Rock Island, Ill.

CLUB-HOUSES.

Camanche, Ia.—Two-st'y fr. club-house, 50' x 120', pitch roof, steam; \$10,000; o., Lamb Bros. & Aldin, Clinton; a., Josiah L. Rice, Clinton.

EDUCATIONAL.

Boston, Mass.—Quincy and Perth Sts., Ward 20, three-st'y bk. school, 72' x 151', pitch roof, steam; \$100,000; o., City of Boston; a., A. Warren Gould, 2A Beacon St.; not let.

Rock Island, Ill.—Third Ave., bet. 7th & 8th Sts., two-st'y & base. 12-room bk. school, 82' x 122', slate roof; \$30,000; o., Board of Education; a., Fr. Borgolte, 1410 Third Ave.; not let.

FACTORIES.

Cleveland, O.—Tod St., two-st'y fr. building, 140' x 200', flat roof, steam; \$11,000; o., Standard Car Wheel Co.; a., Watterson & Clague.

HOTELS.

St. Clair, Mich.—Three-st'y bk. hotel, 90' x 105', shingle roof, steam; \$35,000; o., Hotel St. Clair Association; a., Kastler & Hunter, 927 Chamber of Commerce Building, Detroit.

HOUSES.

Boston, Mass.—Edson St., nr. Norfolk St., Ward 24, two-st'y fr. dwell., 26' x 49', pitch roof, furnace; \$4,500; o., a. & b., W. A. Macauley, 112 Evans St., Dorchester District.

Fowler St., No. 9, two-st'y fr. dwell., 31' x 37',

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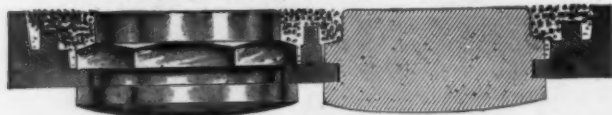
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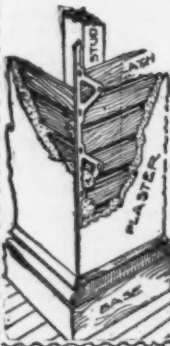
BUILDING INTELLIGENCE.

(Houses Continued.)

pitch roof, furnace; \$3,500; o., R. J. & R. B. Russell; a., C. A. Russell.
Spencer St., nr. Park St., Ward 20, three-st'y fr. dwell., 23' x 33', flat roof, stoves; \$6,000; o. & b., Carl F. Monk, 84 Mountain Ave.
Alexander St., nr. Dudley St., Ward 16, three-st'y fr. dwell., 23' x 33', flat roof, stoves; \$8,000; o. & b., Carl F. Monk.
Greenbrier St., nr. Bloomfield St., Ward 20, two-st'y fr. dwell., 28' x 50', flat roofs, stoves; \$7,000; o., Jeannette Morton; a. & b., Matthew Morton, 21 Shawmut Park.
Greenbrier St., nr. Bowdoin St., Ward 20, two-st'y fr. dwell., 28' x 41', pitch roof, furnace; \$5,500; o., Henry E. Paige, 14 Armandine St.
Spedwell St., cor. Hamilton St., Ward 20, two-st'y fr. dwell., 28' x 52', pitch roof, furnace; \$4,800; Mary A. O'Day; b., John Deegan, 1 Leyland St.
Dorchester Ave., nr. Northam Park, Ward 20, 2 three-st'y fr. dwells. with stores, 22' x 50', flat roofs, stoves; \$7,500; o. & b., W. H. Newcombe.
Bullard St., No. 31, two-st'y fr. dwell., 28' x 50', pitch roof, furnace; \$5,000; o., Miss M. F. McCarthy; b., E. D. Larvey.
Bullard St., No. 33, Ward 20, two-st'y fr. dwell., 28' x 50', pitch roof, furnace; \$5,000; o., Ellen L. Kiley; b., E. D. Larvey.
Lorraine St., nr. Colberg Ave., Ward 23, two-st'y fr. dwell., 30' x 38', pitch roof, furnace; \$4,000; o. & b., J. H. Burton, Rosindale.
Heath St., nr. Walden Ave., Ward 19, two-st'y fr. dwell. & store, 38' x 50', flat roof, hot water; \$6,000; o., Mrs. E. Mahr; a., Geo. Zunner, 1117 Columbus Ave.; not let.
Folsom St., cor. Harlow St., Ward 16, three-st'y fr. dwell., 31' x 53', flat roof, hot water; \$5,000; o. & b., Robert Black, 7 Exchange Pl.; a., W. A. Dykeman, 27 School St.
Darling St., nr. Parker Hill Ave., Ward 19, two-st'y fr. dwell., 26' x 38', pitch roof, steam; \$4,000; o., Carl L. Grasshoff, 218 Tremont St.; a., Thayer & Richardson.
Morrill St., nr. Bakersfield St., Ward 20, 2 two-st'y fr. dwells., 25' x 34', pitch roofs, furnaces; \$7,000; o., a. & b., Geo. W. Oliver, Milton.
Brookside Ave., nr. Green St., Ward 22, two-st'y fr. dwell., 25' x 44', pitch roof, stoves; \$4,500; o., Adolph Kussmaul; b., M. C. Sullivan; a., D. J. Sullivan, 23 Johnston St., Jamaica Plain.
Columbia Road, cor. Quincy St., Ward 20, three-st'y fr. dwell., 36' x 67', flat roof, stoves; \$8,000; o. & a., Alfred T. Haskell, 34 Glendale St., Dorchester District.
Norfolk St. and Thetford Ave., Ward 24, 3 two-st'y fr. dwells., 26' x 48', pitch roofs, furnaces; \$14,000; o., Lydia M. Sherman; a. & b., W. U. Sherman, 27 Thetford Ave.
Leyden St., nr. Breed St., Ward 1, 2 three-st'y fr. dwells., 22' x 48', flat roofs, stoves; \$8,000; o., Wm. Kammerer, a., J. S. Eastman; b., T. H. Newby, E. Boston.
Smyrna St., nr. Huntington Ave., Ward 19, 2 three-st'y bk. dwells., 22' x 45', flat roofs, stoves; \$15,000; o., E. F. Avery; b., C. M. Lynn; a., George A. Avery, 82 Devonshire St.
Park St., nr. Martin St., Ward 23, two-st'y fr. dwell., 27' x 46', pitch roof, furnace; \$4,000; J. Frank Seavey, 1 Merrill Ave.; b., L. D. Boisclair.
Bognall St., nr. Aldie St., Ward 25, two-st'y fr. dwell., 32' x 47', pitch roof, furnace; \$5,000; o., G. H. Rice; a., F. A. Norcross, 110 Tremont St.; not let.
Hillside St., cor. Wait St., Ward 19, two-st'y fr. dwell., 25' x 55', flat roof, stoves; \$5,500; o., Carl L. Grasshoff, 218 Tremont St.; a., Thayer & Richardson; not let.
Minot St., No. 7, Ward 8, three-st'y bk. dwell., 17' x 21' x 55', flat roof, stoves; \$6,000; o., Israel Slak, 40 Joy St.; a., Clark & Tyler.
Brooklyn, N. Y.—*E. Nineteenth St.*, nr. Avenue C, 23-st'y fr. dwell., 31' 6" x 36', shingle roof; \$5,000; o., T. B. Ackerson Co., 2415 Church Ave.; a., B. Driesler, 1432 Flatbush Ave.
India Wharf, No. 16, three-st'y bk. dwell., 25' x 48', gravel roof; \$7,000; o., India Wharf Brewing Co., 60 Hamilton Ave.; a., G. C. Gillespie, 47 Broadway, New York.
Lincoln Road, nr. Bedford Ave., 2 two-st'y & base bk. dwells., 20' x 45'; total cost, \$13,000; o. & b., Wm. F. Schaeffer, 30 Irving Pl.; a., A. E. White, 100 Kingston Ave.
Newkirk Ave., nr. Rogers St., two-st'y fr. dwell., 35' x 40'; \$5,500; o., Ralph Pomeroy, 83 Montague St.; a., A. White Pierce.
E. Thirty-fourth St. and Avenue G, 3 two-st'y fr. dwells., 26' x 48'; \$15,000; o., Bauer & Corbin, Flat-

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bush Ave. & Avenue G; a., Benjamin Driesler, 1432 Flatbush Ave.
Sterling Pl., nr. Underhill Ave., 11 two-st'y attic & base, bk. dwells., 17' 5" x 45'; total cost, \$66,000; o., Bessie L. Martin, 250 Cumberland St.; a., A. S. Hedman, Arbuckle Building.
E. Twelfth St., nr. Slocum Pl., 23-st'y fr. dwell., 26' 10" x 54', shingle roof; \$5,000; o., Franklin S. Holmes, 1446 Flatbush Ave.
E. Eighteenth St., nr. Avenue B, 23-st'y fr. dwell., 33' x 59', shingle roof; \$7,000; o., Frank F. Storm, Jr., 624 Kent Ave.; a., H. R. Brewster, 41 Wall St., New York.
Eighty-fifth St., nr. 13th Ave., 23-st'y fr. dwell., 26' x 38', shingle roof; \$5,500; o., W. L. Johnson, 82d St. cor. 11th Ave.; a., C. Schubert, Bath Ave. & Bay 19th St.
Cambridge, Mass.—*Avon Hill St. and Hillside Ave.*, 23-st'y fr. dwell., 50' x 65', hip roof, steam or hot water; o., B. F. Thayer; b., D. W. Powers; a., Samuel J. Brown, Boston.
Farmington, Conn.—13-st'y fr. dwell., 30' x 50'; \$50,000; o., A. A. Pope, Cleveland, O.; a., McKim, Mead & White, 160 Fifth Ave., New York City.
Freeport, L. I., N. Y.—23-st'y fr. dwell., 39' x 42'; \$5,000; o., V. G. Walters; a., S. Gifford Slocum, 156 Fifth Ave., New York City.
Germantown, Pa.—*High St.*, w. Morton St., 23-st'y bk. dwell., 28' x 38'; \$6,000; o., C. W. Woodward; b., C. J. Urban, Ridley Park.
Glen Cove, L. I., N. Y.—23-st'y fr. dwell., 30' x 60'; \$20,000; o., Parker D. Handy, 30 Nassau St., New York City; a., C. P. H. Gilbert, New York City.
Jersey City, N. J.—*Madison Ave.*, No. 40, three-st'y bk. dwell., 29' x 48'; \$5,000; o., S. M. Robertson; a., Kreidler & Hebbard, 63 Broad St., New York City.
Milwaukee, Wis.—*Thirty-first St.*, nr. Grand Ave., two-st'y bk. & fr. dwell., 43' x 59', shingle roof, hot water; \$6,000; o., Dr. Lewis B. Esau, 31st St.; a., Voith & Leenhouts.
Newtonville, Mass.—23-st'y fr. dwell., 33' x 42', hip roof, furnace; o., Frank L. Nagel; b., Higgins & Nickerson; a., Samuel J. Brown, Boston.
New York, N. Y.—*Jerome Ave.*, nr. Highbridge Road, 9 three-st'y fr. dwells. & stores, 19' 5" x 19' 0" x 60'; \$54,000; o., Wm. F. Holding, Davidson Ave., nr. Highbridge Road; a., Lang & Browne, 35 W. 129th St.
Orange, N. J.—*Lincoln Ave. and New England Terrace*, 24-st'y fr. dwell., 40' x 62'; \$10,000; o., J. J. Welsh.
Palmer's Hill, Conn.—*Near Greenwich*, 23-st'y fr. dwell., \$10,000; o., J. D. Sawyer, 55 Liberty St.

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Portchester, N. Y.—23-st'y fr. dwell., 49' x 52', & extension, 30' x 42'; \$20,000; o., R. H. Burdall; a., Wm. A. Ward.
 23-st'y fr. dwell.; \$5,000; o., Mrs. Robert F. Bundage; a., Wm. A. Ward.
South Hampton, L. I., N. Y.—23-st'y fr. dwell., 60' x 88'; \$19,000; o., Judge Munson; a., R. H. Robertson, 160 Fifth Ave., New York City.
St. Louis, Mo.—*Lindale Ave.*, nr. King's Highway, three-st'y bk. & st. dwell., 44' x 69', slate roof, steam; \$59,000; o., B. B. Graham; a., Eames & Young.
Kensington Ave., nr. Clarendon St., 5 two-st'y bk. & dwells., 25' x 70', comp. roofs, furnaces; \$25,000; o., D. B. Brannan, 816 Chestnut St.; a., G. B. Reid.
Theresa St. and Grand Ave., two-st'y bk. dwell., 26' x 47', slate roof, furnace; \$5,000; o., J. M. Chambers; a., J. Z. Legg.

TENEMENT-HOUSES.

Cleveland, O.—*Quincy St.*, two-st'y bk. stores & flats, 24' x 48', flat roof, furnace; \$7,500; o., John Kunkle, 671 Quincy St.; a., E. E. Smith.
St. Louis, Mo.—*Delmar Ave.*, nr. Lake St., 3 two-st'y bk. flats, 35' x 72', comp. roof, steam; \$18,000; o., S. S. Pomeroy; a., J. L. Howard, Turner Building.

PROPOSALS.

COURT-HOUSE.

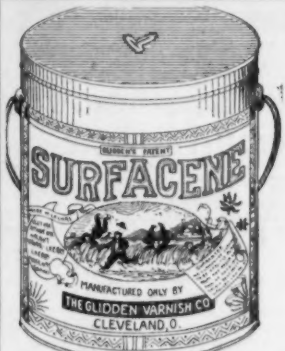
[At Atlanta, Ga.]

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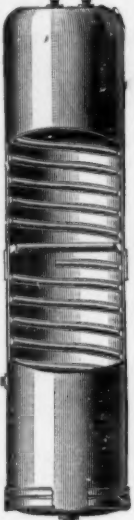
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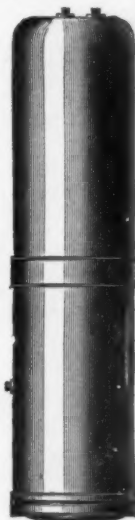
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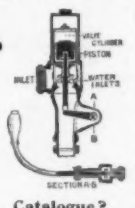
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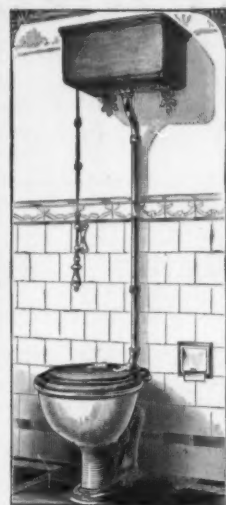
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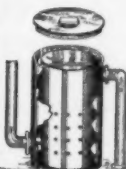
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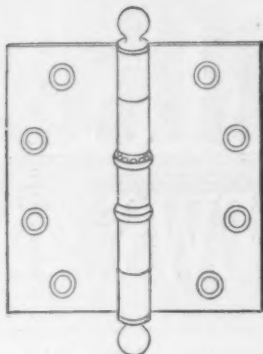
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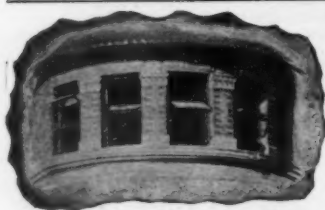
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		5 00 P ton.	20 @ foot	@ 5 00
		4 60 P perch.	10 00 @ cord	Conschoeken
		1 25 @ 1 50	9 06 @ "	1 45 @ 2 50
Foundation:				
Dimension.....	@			
Block.....	@			
Rubble.....	@			
Sandstone:				
Longmeadow.....	@ 80	80 @ 90		
Kibbe.....	@ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 95	1 00 @ 1 30	1 50 P cub. ft.	95 @ 1 05
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	1 05 @ 1 25
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
Potadam Red.....	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Osau.....	@	@ 2 00		1 25 @ 1 35
Carlisle. English.....	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	95 @ 1 05
Granite: (Maine)		@ 60	80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond
Lemont.....			@	P 75 @ 1 50
Serpentine.....		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planned.....	50 @ 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 80
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.....	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" sq. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	55 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	12 00 @ 18 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea13 @ 14	12 50 @ 14 00	10 00 @ 12 00	11 50 @ 12 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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 @ 16 00	14 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 00 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	19 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	1 75 @ 1 80	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 60 @ 6 00	@	Not sold.	
Pine, sawed..... ".....	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed..... ".....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.....	1 40 @ 1 60	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 @ 5 00	@	11 00 @ 14 00

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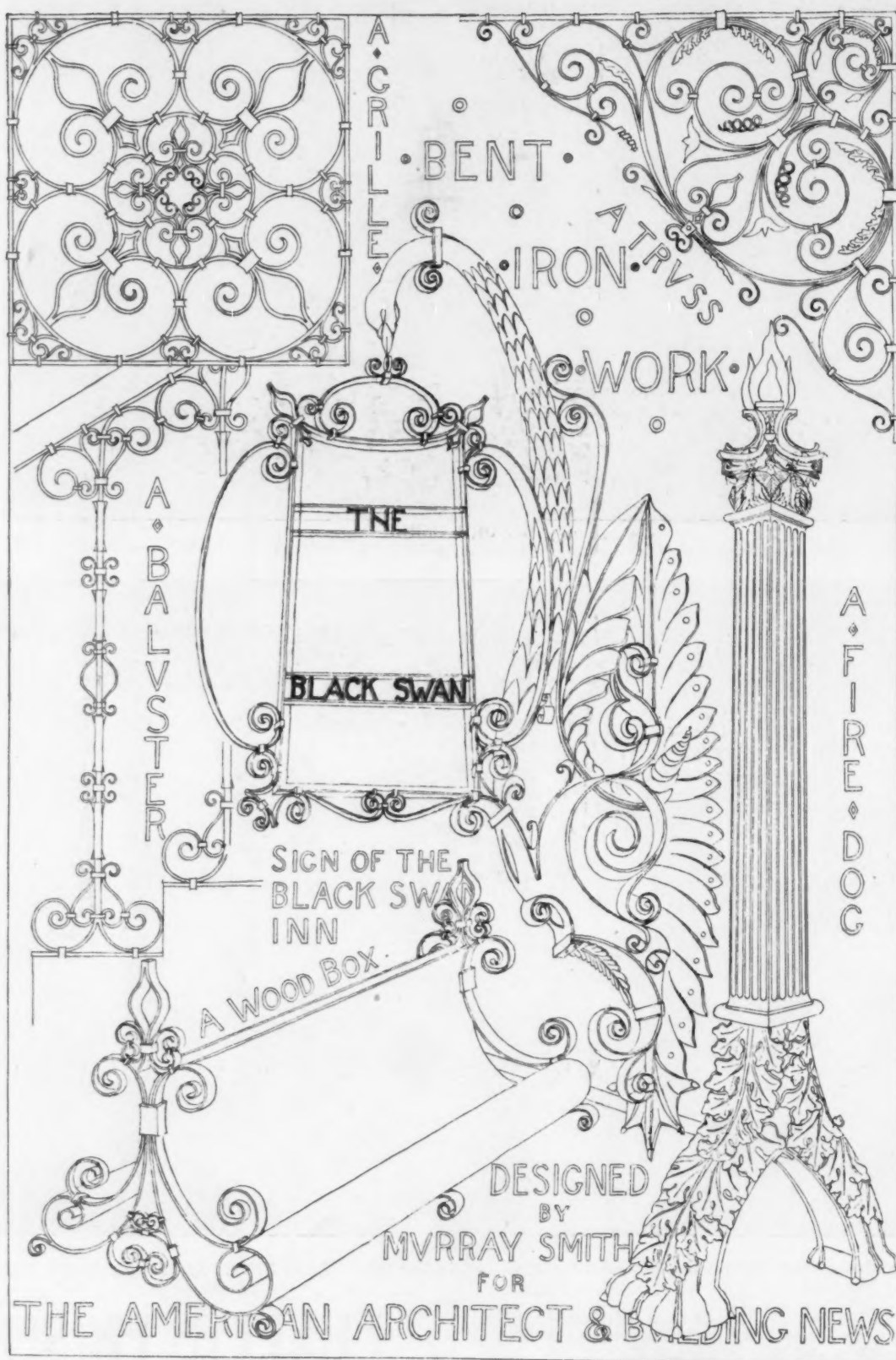
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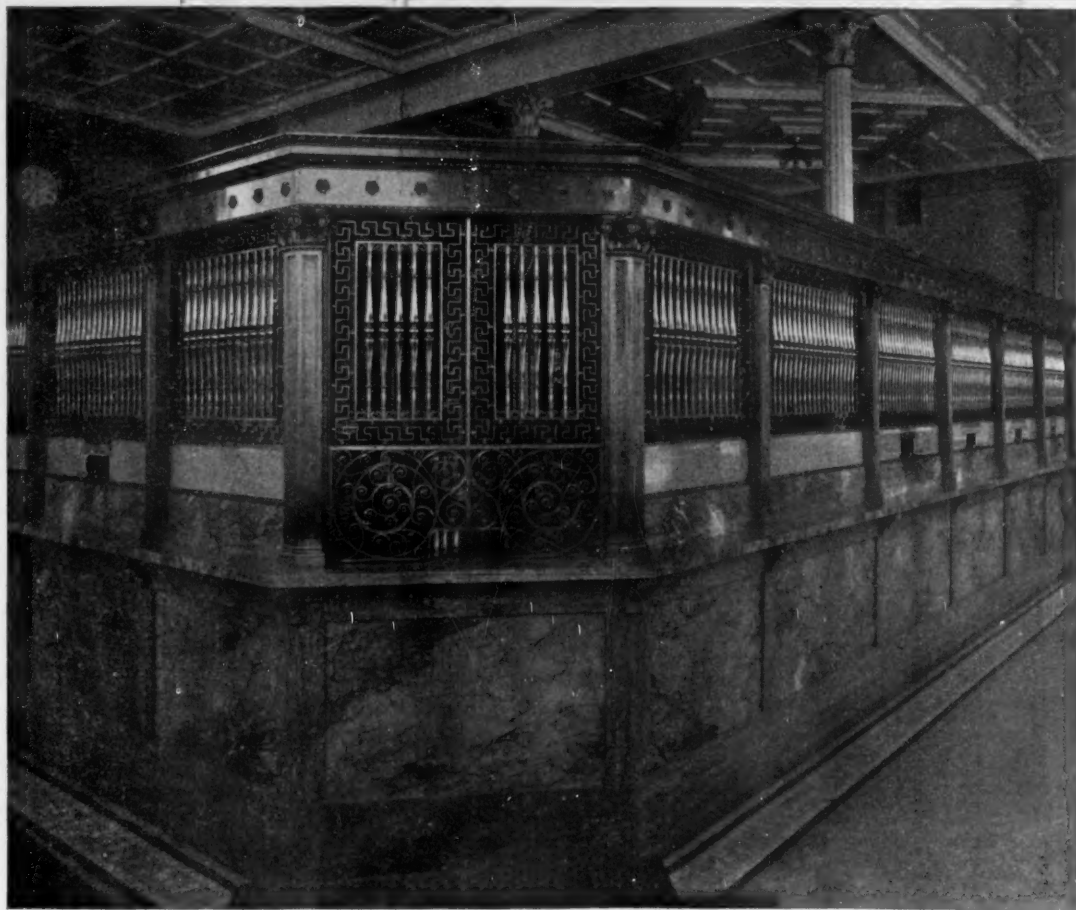
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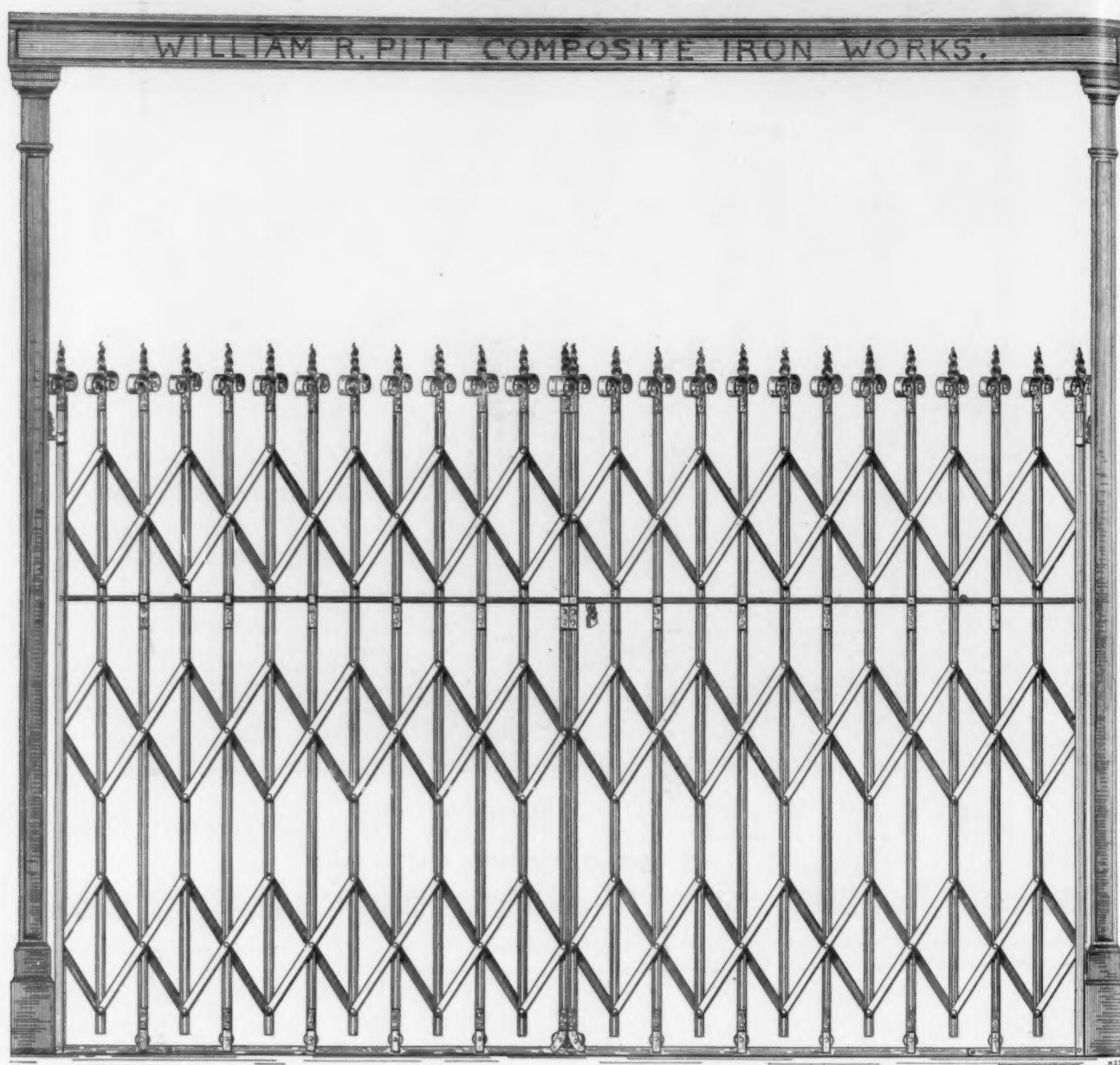
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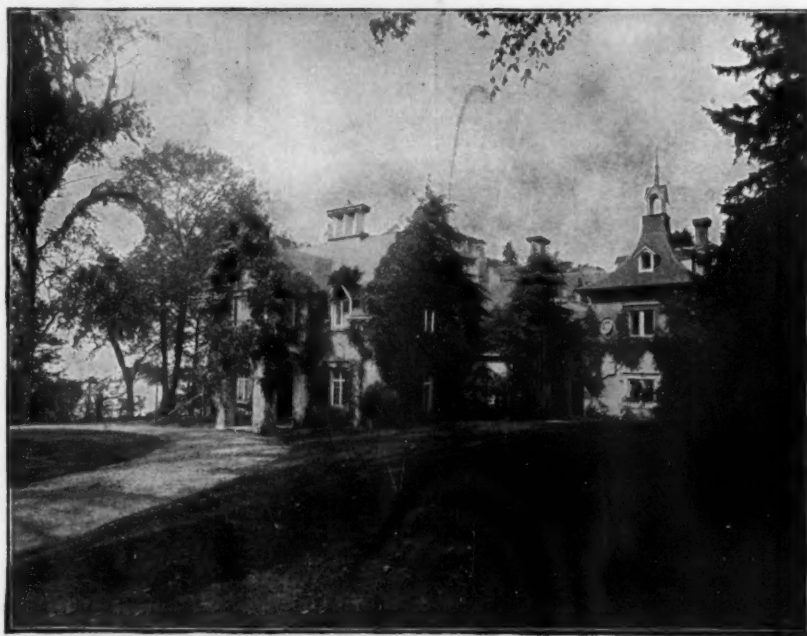
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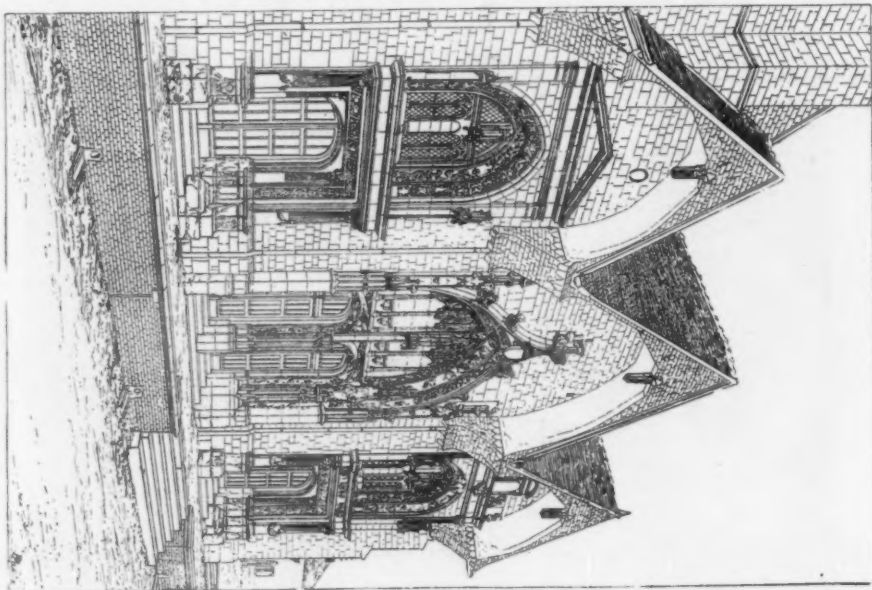
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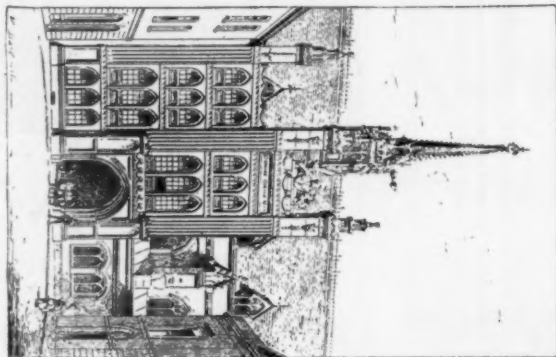
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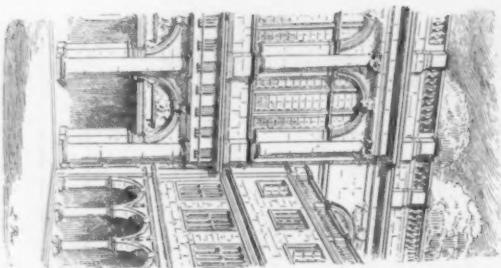
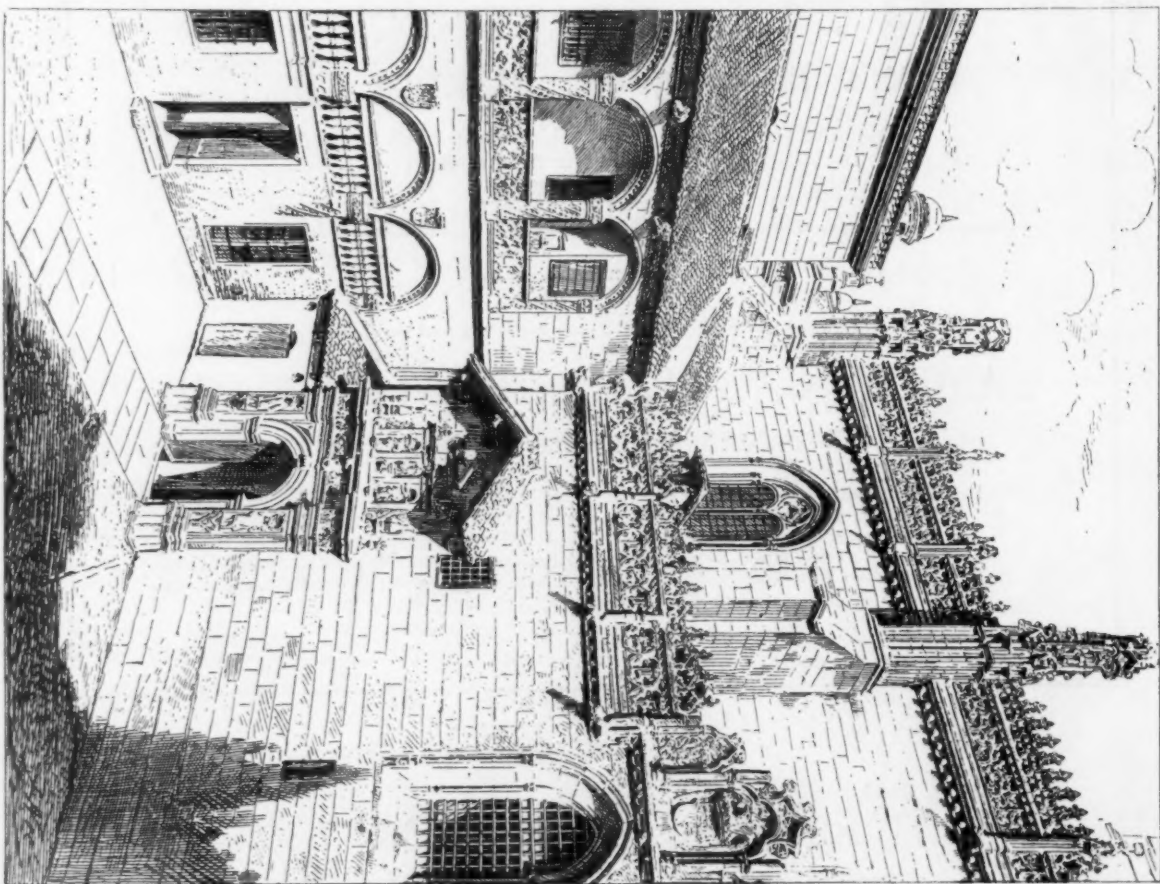
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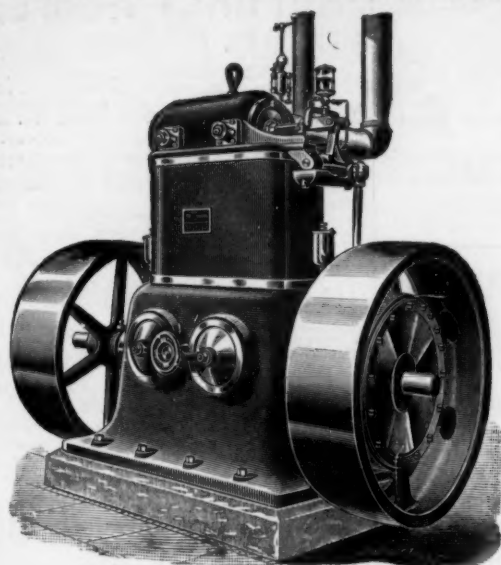


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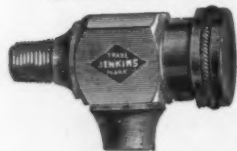
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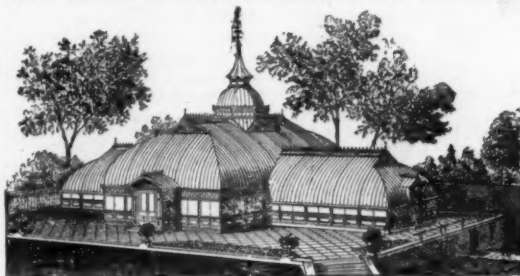
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BUILDING PATENTS.

[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.]

614,440. BUILDING CONSTRUCTION.—Charles F. Eiker, Chicago, Ill.
614,475. FIREPROOF BUILDING.—Ernest V. Johnson, Chicago, Ill.
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614,530. FLOOR.—William H. Brown, Indianapolis, Ind.
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614,648. CISTERN FOR WATER-CLOSETS.—Julian d'Esté, Salem, and George T. Wilson, Somerville, Mass.
614,655. BRICK, TILE, BUILDING BLOCK, ETC.—Harry F. Ingerson, Alameda, Cal.
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614,705. SAFETY DEVICE FOR ELEVATORS OR HOISTS.—Crowell M. Disoway, New York, N. Y.
614,713. AUTOMATIC WEATHER-STRIP FOR DOORS.—Frank Fowler and Amos M. Ulmer, Philadelphia, Pa.
614,729. COLUMN.—John Lally, Waltham, Mass.
614,741. SASH-FASTENER.—Davis L. Moore, Jr., Philadelphia, Pa.
614,749. PNEUMATIC PLUG FOR WATER OR WASTE PIPES.—Alexander Pallas, New York, N. Y.

BUILDING PATENTS.

614,750. WINDOW-VENTILATOR.—Richard M. Hancock, Camden, N. J.
614,754. CONSTRUCTION OF FIREPROOF FLOORING, ETC.—Edward L. Pease, Hurworth Moor, Eng.
614,779. SASH BALANCE AND LOCK.—Oliver Vandorman, Los Angeles, Cal.
614,818. STEAM-RADIATOR BASE.—Arthur J. Bayley, Milwaukee, Wis.

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.

Annapolis, Pa.—The corner-stone has been laid for a three-story music-hall, of brownstone, 80' x 80', for the Lebanon Valley College, containing a large auditorium, directors' room, office, library and reading-room, and fourteen practice-rooms.
Ashland, Wis.—O'Keefe & Orblison, of Appleton, have prepared plans for a \$60,000 paper-mill.
Atlanta, Ga.—Plans have been completed by Blackley & Tyler, 402 Fitton Building, for the building to be erected on Edgewood Ave., by the Atlanta Athletic Club.
Baltimore, Md.—Chas. E. Cassell, 405 Law Building, has prepared plans for the Posner Building; cost, \$750,000.
Bernardsville, N. J.—Plans have been prepared by Clinton & Russell, 32 Nassau St., New York City, for a summer residence for Clarence B. Mitchell, 195 Broadway, New York City.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Beverly Farms, Mass.—Plans have been prepared for a \$75,000 house to be built on the Judge Thomas place for Raymond L. Ward, of Boston.

Birmingham, Ala.—It is reported that the managers of the Hillman Hospital are to erect a \$30,000 hospital.

Bridgeton, N. J.—Plans have been prepared for a new County Insane Asylum to be erected on the almshouse farm, and to cost about \$60,000.

Charleston, S. C.—It is stated that the plans of Frank P. Milburn, of Charlotte, N. C., have been accepted for the Thomson Memorial Auditorium; cost, \$20,000.

Chicago, Ill.—It is stated that the Deering Harvesting Machine Co. will erect a new building at its plant, corner of Fullerton and Clybourn Aves., to cost \$75,000.

It is stated that Marshall Field may erect a nine-story warehouse, 100' x 238', at Polk and Ellsworth Sts. Plans by D. H. Burnham & Co.; cost, \$100,000.

Clarksville, Tenn.—It is reported that a \$30,000 saw-factory will be erected here shortly.

Danville, Ill.—The Masonic and Elk Societies contemplate erecting a lodge and business building.

Danville, Ky.—By the will of the late Rev. Sam'l P. Matchmore, D. D., of Philadelphia, Pa., \$16,000 is given to religious, charitable and educational institutions, \$5,000 of the amount to be devoted to the building of a chapel for Centre College at this place.

Detroit, Mich.—Joy & Bancroft are preparing plans for a mausoleum in Elmwood Cemetery, for Maxwell M. Fisher; cost, \$10,000.

L. Coquard has prepared plans for a brick residence for T. N. Marion on Iroquois Ave.; cost, \$9,000.

F. T. Houk has prepared plans for a four-story brick apartment, 40' x 100', on Howard St., between 10th and 11th Sts.; cost, \$27,000.

E. C. Van Leyen has prepared plans for an apartment-house, 42' x 53', four stories high; estimated cost, \$17,000.

Jos. E. Mills has prepared plans for a two-story brick residence for Louis Peters, corner Seminole Ave. and Champlain St.; \$8,000.

Rogers & Macfarlane have prepared plans for a colonial residence to be built on Seward Ave., near 3d Ave.; cost, \$10,000.

Kastler & Hunter have prepared plans for a hotel to be built at St. Clair, Mich., three-story brick with stone trimmings; cost, \$35,000.

Elmira, N. Y.—John N. Stearns, silk manufacturer, 220 E. 43d St., New York City, is considering the erection of a factory here; cost, \$25,000.

Janesville, Wis.—A \$25,000 Jail for Rock County is to be erected.

La Grange, Ill.—Stiles & Stevens, Hartford Building, have prepared plans for the new \$25,000 clubhouse for the La Grange Club.

La Harpe, Ill.—Geo. W. Payne & Son, Carthage, have prepared plans for a two-story brick school-building, 75' x 77'. It will contain 8 rooms; cost, about \$13,500.

Lima, O.—It is stated that a new \$30,000 high-school building will be erected to replace the building recently destroyed by a cyclone.

Louisville, Ky.—A \$400,000 hotel will be erected at 5th and Jefferson Sts.

Lynchburg, Va.—The plans of E. G. Frye have been accepted for a new high school.
The First Presbyterian Society has in contemplation the erection of a \$28,000 church.

Milwaukee, Wis.—Abel & Bach, trunk and bag manufacturers, are thinking of erecting a seven-story building, 120' x 200', costing \$96,000.

New Haven, Conn.—The congregation of the Plymouth Church have decided to erect a \$35,000 edifice.

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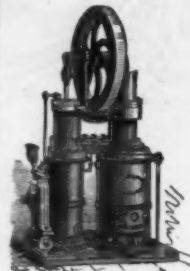
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

New York, N. Y.—The committee of which John D. Crimmins is Chairman, appointed to select a site for the new buildings of the Roman Catholic Orphan Asylum, has decided to acquire from the Nathaniel P. Bailey Estate a tract of about 23 acres on Fordham Heights. The price will be about \$12,000 per acre. Plans for the new buildings of the asylum have not yet assumed definite form. In the near future, however, a number of leading architects will probably be invited to submit competitive designs, after which a selection will be made and work begun as speedily as possible. The amount to be expended on the buildings is roughly estimated at \$1,000,000.

Plans have been prepared by Buchanan & Deisler, 11 E. 59th St., for 3 five-story and basement dwells., for J. V. Weber, 150 E. 25th St., to be erected on 71st St., near Park Ave.

Chas. Hohl, 1162 Forest Ave., is to erect at once 9 three-story frame tenement-houses, three on Home St., near Forest Ave., and 6 on Union Ave., near 160th St. Plans by Edward Wenz, 1491 Third Ave.; cost, \$50,000.

Messrs. Boehm & Coon, 31 Nassau St., will erect an eight-story store and loft building at 43 E. 20th St. Plans are being prepared by Ralph S. Townsend, 1123 Broadway.

Oberlin, O.—Jas. Davault, of Columbus, has been awarded the contract for the Lorain County Children's Home, at \$25,095.

Omaha, Neb.—Plans have been prepared for a residence for Chas. H. Pickens, to cost \$10,000. It will be erected at 39th and Dodge Sts.

Ottawa, Ont.—It is reported that plans have been prepared for a \$130,000 union depot.

Pawtucket, R. I.—It is stated that the plans of Cram, Goodhue & Ferguson, of Boston, Mass., have been accepted for the Public Library.

Philadelphia, Pa.—Harry Peale, Jr., has prepared plans for an eight-story building to be erected at 112-14 N. 12th St.

Plans have been prepared by Guy King, architect, for a stable to be erected on the corner of Collins and Tioga Sts., for Thomas Henry & Son. John Rolleston has been awarded the contract for the chapel for the Lutheran Church to be erected on the corner of Callowhill and 60th Sts.

The Houston Club Memorial Committee is preparing to send out a circular letter asking for contributions to the \$5,000 fund which they wish to raise for the erection of a gateway or arch in honor and memory of all undergraduates and alumni of the University of Pennsylvania who served in the late war with Spain, on land or sea. No designs will be drawn until the money is raised, and the site has not yet been decided upon, although the two most prominently mentioned are the Spruce Street entrance to the University campus and the entrance to the Veterinary School, at the end of 36th St.

Plans have been prepared by Morgan Bunting for a six-story office-building to be erected at 1203-1209 Filbert St., for a syndicate.

Phoenix, Ariz.—Report states that the plans of J. Reiley Gord n, San Antonio, have been accepted for the new Capitol; estimated cost, \$100,000.

Port Angeles, Wash.—A Keesport, Pa., syndicate will erect steel works to cost \$500,000.

Providence, R. I.—The vestry of St. Stephen's Episcopal Church has thankfully accepted the offer of the family of the late Rev. Walter G. Webster, who was lost on the ill-starred "La Bourgogne," to erect and furnish a guild-house in his memory, at a stated cost of \$25,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Riverhead, L. I., N. Y.—It is reported that Geo. I. Hamill, of Bay Side, has received the contract for a school at \$17,547.

Savannah, Ga.—It is stated that W. F. May & Co., of Chattanooga, have received the contract for the Army Hospital, at \$77,943.

Sea Isle City, N. J.—A large building will be erected by the Sisters of St. Joseph which will be used as an academy for young ladies.

Springfield, Mass.—It is stated that the Building Committee of the French-American College contemplate building a college dormitory; probable cost, \$18,000; Gardner, Pyne & Gardner, architects.

St. Louis, Mo.—Two two-story dwells. are to be built on Bayard Ave., near Fountain St.; cost, \$10,000.

The Board of Education is to erect a two-story school-building on Billow Ave., near New Manchester Ave., to cost \$15,000.

A two-story school-building will be erected by the Board of Education at 4234 St. Louis Ave.; cost, \$30,000.

The Board of Education is to erect a \$69,000 school-building on Hogan St., near Madison St. It will have three stories.

Washington, D. C.—Plans have been prepared by F. W. Mullet for a three-story apartment-house, 49' x 90', steam heat.

Plans have been completed for a building of brick and stone, to be erected on the corner of 3d and E Sts., for the Scottish Rite Temple.

Winnetka, Ill.—Plans have been prepared by W. A. Otis for a school-building to be erected here; cost, \$25,000.

Wichita, Kan.—The Unitarian Society contemplates the erection of a new church on the corner of Market and Williams Sts.

Yates Center, Kan.—Woodson County contemplates erecting a Court-house to cost about \$30,000.

APARTMENT-HOUSES.

New York, N. Y.—Madison Ave., cor. 94th St., 2 six-sty bk. & st. flats, 50' x 90' & 50' x 85'; \$150,000; o. Jas. H. Havens, 825 Eleventh Ave.; a. Neville & Bagge.

Wendover Ave., nr. Bathgate Ave., 4 four-sty bk. flats, 25' x 65'; \$48,000; o. & b. S. Levin; a. Sam'l Sass, 23 Park Row.

Riverside Drive, nr. 95th St., seven-sty bk., st. & terra-cotta apart., 50' x 88'; \$140,000; o. Peter Talbot, 828 St. Nicholas Ave.; a. John Woolley, 111 Fifth Ave.

One Hundred and Forty-first St., nr. Alexander Ave., five-sty bk. flat, 25' x 85' 8"; \$25,000; o. John D. Hassinger; a. W. C. Dickerson.

Jackson Ave., cor. Cedar St., four-sty bk. & st. flat, 25' x 82'; \$18,000; o. Mrs. Jennie E. Miller; a. Edward Wenz, 1491 Third Ave.

Philadelphia, Pa.—Thirty-seventh St., nr. Chestnut St., seven-sty st. & bk. apart., 38' 4" x 94'; \$85,000; o. C. H. S. Littleton; c. Frank S. Riggs; a. Harry Peale, Jr.

EDUCATIONAL.

Chicago, Ill.—N. Ashland Ave., two-sty bk. school, 100' x 110'; \$45,000; o. Board of Education; b. Siebold & Neunkirchen.

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Bay Shore, L. I., N. Y.—Two 2½-sty fr. dwells.,

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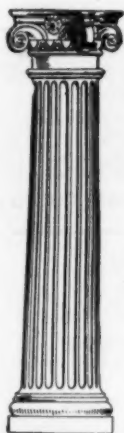
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BUILDING INTELLIGENCE.

(Houses Continued.)

36' x 52' & 34' x 47'; \$10,000; o. G. B. Horton, Brooklyn; a. Benj. L. Raynor, Islip, L. I.
Boston, Mass. — Temple St., nr. Centre St., Ward 23, two-st'y fr. dwell., 26' x 47', pitch roof, furnace; \$4,500; o. Thos. H. Fox; a. S. Rantin & Son, 1117 Columbus Ave.; not let.
Mattapan St., nr. Blue Hill Ave., Ward 24, two-st'y fr. dwell., 24' x 43, pitch roofs, stoves; \$9,000; o. a & b. Daniel Mulvey, on premises.
Spencer St., nr. Wheatland Ave., Ward 20, two-st'y fr. dwell., 26' x 50', pitch roof, stoves; \$4,500; o. a & b. Kath. T. Sullivan, 50 Millet St.; a. A. W. Gould.
Heath Pl., nr. Heath St., Ward 22, three-st'y bk. dwell., 22' x 34', flat roof, stoves; \$4,000; o. Thos. H. Shea; a. S. Rantin & Co., 1117 Columbus Ave.; not let.
McLellan St., nr. Reed St., Ward 20, two-st'y fr. dwell., 30' x 60', pitch roof, hot water; \$6,500; o. Mary Wright; a. C. A. Russell, 46 Warren St.; not let.
Branch Ave., nr. Ditson St., Ward 20, three-st'y fr. dwell., 26' x 53', flat roof, stoves; \$4,200; o. a & b. W. T. Henderson, 13 Buttonwood St., Dorchester District.
Lyons St., nr. Dorchester Ave., Ward 24, two-st'y fr. dwell., 26' x 43', flat roof, furnace; \$4,500; o. a & b. Wm. Riley, 22 Auckland St.
Peter Parley St., nr. Walnut Ave., Ward 22, 2-st'y fr. dwell., pitch roof, hot water; \$11,000; o. Mrs. A. C. Mitchell; a. T. E. Sheehan, 945 Tremont Building; not let.
Chestnut Hill Ave., Ward 25, two 2-st'y fr. dwell., 32' x 42' x 75', pitch roofs, steam; \$20,000; o. Fred'k J. White; a. Thos. M. James, 27 School St.; not let.
Heath St., Nos. 231-233, Ward 19, 2 two-st'y fr. dwell., 31' x 33', flat roofs, stoves; \$7,000; o. Cath. Curley; a. a & b. Walter Curley, 1284 Blue Hill Ave.

BUILDING INTELLIGENCE.

(Houses Continued.)

Alaska St., Nos. 19-21, Ward 21, 2 two-st'y fr. dwell., 23' x 58', pitch roofs, furnaces; \$9,000; o. Cath. H. Hearn; a. J. H. Besarick; b. A. H. Allen, 10 Neponset Ave., Dorchester District.
York St., No. 10, Ward 20, two-st'y fr. dwell., 36' x 50', pitch roof, furnace; \$4,500; o. a & b. Victor Wolmer, 9 Bradshaw St.
Englewood Ave., No. 58, Ward 25, two-st'y fr. dwell., 39' x 42' x 42', pitch roof, furnace; \$10,000; o. Jeannette H. Rogers; a & b. E. L. Rogers, 18 Stephen St.
Sparhawk St., nr. Market St., Ward 25, two-st'y fr. dwell., 30' x 40', pitch roof, steam; \$6,000; o. Geo. E. Hibbard; a. L. O. Warren; b. W. P. Furbush, 34 Murdoch St., Brighton District.
Hooker St., cor. Haskell St., Ward 25, two-st'y fr. dwell., 21' x 39' x 48', pitch roof, furnace; \$5,000; o. a & b. Alex. McLeod, 43 Raymond St.; a. A. C. Ringer.
Bremen St., No. 370, Ward 1, three-st'y fr. dwell., 15' x 65', flat roof, stoves; \$1,500; o. a & b. W. H. Whitten; b. W. D. Grover, Franklin St., Chelsea.
E St., cor. W. 5th St., Ward 15, three-st'y bk. dwell. & stores, 14' x 23' x 50', flat roof, stoves; \$8,000; o. a & b. Louis Goldman; a. F. A. Norcross, 110 Tremont St.
Sydney St., cor. Romsey St., Ward 20, two-st'y fr. dwell., 34' x 38', pitch roof, furnace; \$5,500; o. a & b. Wm. Riley, 22 Auckland St.; a. W. H. Besarick.
Walcott St., No. 35, Ward 20, two-st'y fr. dwell., 26' x 48', pitch roof, furnace; \$6,500; o. George S. Webster; a & b. J. P. Sanders, 179 Harvard St., Cambridge.
Brooklyn, N. Y. — E. Nineteenth St. and Avenue C, two-st'y fr. dwell., 34' x 36'; \$5,500; o. Benj. Ackerson, 85 E. Broadway; a. Benj. Driesler.
E. Seventeenth St., nr. Beverly Road, 2-st'y fr. dwell., 26' x 47', shingle roof; \$5,000; o. Adele B. Fitzpatrick, 36 Park Pl.; a. B. Driesler, 1432 Flatbush Ave.

BUILDING INTELLIGENCE.

(Houses Continued.)

Second Ave., cor. 68th St., 2-st'y fr. dwell., 28' x 38' 6", shingle roof; \$6,500; o. Mary S. Buckley, 287 Tenth St.; a. F. S. Lowe, 186 Remsen St.
Decatur St., nr. Howard Ave., 2 two-st'y & base, bk. dwell., 20' x 46'; total cost, \$9,000; o. Chas. F. Naughton, 1334 Broadway; a. Johnson & Helme, Broadway & S. 8th St.
E Twenty-first St., nr. Avenue D, two-st'y & attic fr. dwell., 25' 6" x 46', shingle roof; \$6,000; o. Sam Sherwood, 277 Forty-seventh St.; a. A. W. Pierce, 1127 Flatbush Ave.
Second Ave., nr. 68th St., three 2-st'y fr. dwell., 25' x 44', shingle roofs; total cost, \$15,000; o. Mary S. Buckley, 387 Tenth St.; a. F. T. Lowe, 186 Remsen St.
S. Fortieth St., bet. 12th & 13th Aves., 61 two-st'y fr. dwell., 29' x 49'; \$172,000; o. b. Geo. Crosby; 1140 Fortieth St.; a. H. L. Spicer.
Hancock St., nr. Summer Ave., 13 three-st'y st. dwell., 20' x 45'; \$19,500; o. a & b. Wilfred Burr, 555 Jefferson Ave.; a. Axel Hedman.
Ocean Ave., nr. Church Ave., two-st'y fr. dwell., 39' x 51'; \$6,500; o. James Constable, 192 Fulton St.; a. J. G. Glover.
Elizabeth, N. J. — Westfield Ave., 2-st'y fr. dwell., \$5,000; o. Michael Byrnes; a. J. A. Oakley & Son.
Flushing, N. Y. — Two-st'y fr. dwell.; \$10,000; o. Ralph W. Newton, 35 Broad St., New York City; a. Chapman, Frazer & Blinn, Boston, Mass.
Freeport, L. I., N. Y. — 2-st'y fr. dwell.; \$5,000; o. D. B. Raynor.
Minneapolis, Minn. — Linden Ave., No. 135, 2-st'y bk. dwell., 34' x 38', pitch roof, furnace; \$5,000; o. Mrs. G. W. Condee; a. W. J. Keith.
Humboldt Ave., No. 1715, two-st'y fr. dwell., 31' x 42', pitch roof, furnace; \$5,000; o. Fred Blymer; b. N. C. Gingras; a. F. C. Struck.

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Pelham Heights, N. Y.—Loring Ave., 2½-st'y fr. dwell., 29' x 42'; \$5,000; o., W. D. Hadsell; a., Fletcher & Thain, 42 E. 23d St., New York City.

Somerville, Mass.—Highland Ave. and Waldo St.; two-st'y fr. dwell., 35' x 37', hip roof, furnace. \$6,000; o., Chas. E. Fuller, 17 Avon St.; b., J. H. Davidson.

St. Louis, Mo.—Cleveland Ave., nr. Vandeventer Ave., 3 three-st'y bk. dwells., 25' x 50', slate roofs, furnaces; \$19,500; o., Bergfeld Realty Co., 611 Chestnut St.; a., W. A. Lucas, Odd Fellows' Building.

Toledo, O.—Parkwood Ave., two-st'y fr. dwell., 40' x 50', shingle roof, hot water; \$7,000; o., A. M. Woolson; a., Bacon & Huber.

Westerly, R. I.—Watch Hill, 2½-st'y fr. summer dwell.; \$7,000; o., Thomas Thatcher, 10 Wall St., New York City.

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Boston, Mass.—Endicott St., No. 223, Ward 6, five st'y bk. building, 29' x 41', flat roof, stores; \$15,000; o. & b., I. & P. Silberstein, 34 Wall St.; a., F. A. Norcross.

STABLES.

Boston, Mass.—Roslindale Ave., No. 11, Ward 23, 1½-st'y fr. stable, 19' x 24', pitch roof; \$600; o., Kaaper Bachofner, on premises; b., Wm. Sittig.

Granville St., Ward 22, 1½-st'y fr. stable, 30' x 40'; \$600; o., Ellen Sullivan, on premises; b., John De Witt.

Lee St., nr. Child St., Ward 23, 1½-st'y fr. stable, 30' x 40', pitch roof; \$1,500; o., Thaddeus H. Burd; b., H. F. McNeill, Johnson St., Jamaica Plain.

Hamilton St., No. 62, Ward 23, one-st'y fr. stable, 17' x 24', flat roof; \$200; o., Edward H. Burt, 12 Melton St., Dorchester District; b., H. H. De Lorie.

Cheney St., cor. Maple St., Ward 21, 1½-st'y bk. stable, 32' x 46', pitch roof, stores; \$5,000; o. & b., E. Noyes Whitcomb, 53 Wareham St.; a., Charles Brigham.

Brooklyn, N. Y.—Thirteenth Ave. and Fifty-third and Fifty-fourth Sts., two-st'y fr. livery stable, 100' x 130'; \$15,000; o., Borough Park Co., 40 Court St.; a., Benjamin Driesler, 1432 Flatbush Ave.

Twentieth St., nr. 4th Ave., one-st'y bk. stable, 48' x 98', gravel roof; \$3,000; o., Geo. Imken, 723 Third Ave.; a., Thomas Bennett, 198 Fifty-third St.

Butler St., nr. 5th Ave., 2 two-st'y bk. stables, 30' x 103', gravel roofs; total cost, \$8,000; o. & a., R. H. Taylor, 202 Fifth Ave.

Grand St., nr. Olive St., two-st'y fr. stable, gravel roof; \$6,000; o., Daniel Bahr, 913 Grand St.; a., Th. Engelhardt, 905 Broadway.

New York, N. Y.—Tier Ave., nr. North St., City Isl., one-st'y fr. barn, 23' x 35', shingle roof; \$700; o., J. J. McDonough, 57 Chambers St.; a., W. F. Stickels, Mt. Vernon.

Concord Ave., nr. 151st St., two-st'y bk. stable, 50' x 75', gravel roof; \$7,000; o., Tony Itiere, 614 Robb-
ins Ave.; a., Chris. F. Lohse, 906 Westchester Ave.

Ninety-sixth St., nr. Boulevard, two-st'y bk. stable, 31' 7½' x 90'; \$10,000; o., David L. Einstein, 39 W. 57th St.; a., De Lemos & Cordes, s w cor. Fulton & Nassau Sts.

E. Fortu-seventh St., No. 417, three-st'y bk. stable & 1 sta., 25' x 97' 5½'; \$12,000; o., Mrs. Lizzie Goerlitz, 242 E. 51st St.; a., Hugo Kafka, 99 Nassau St.

West End Ave., nr. 105th St., five-st'y bk. stable, 25' x 95'; \$11,000; o., Carl Frank, 103 Second St.; a., Charles Rents, 153 Fourth Ave.

One Hundred and Fifty-fourth St., nr. Courtlandt Ave., one-st'y fr. stable & workshop, 22' x 50'; \$1,500; o., Louise Haag, 417 E. 113th St.; a., Niels Toelberg, Home St. & Southern Boulevard.

Somerville, Mass.—Jaques St., No. 105, one-st'y fr. stable; \$300; o. & b., Jos. G. Rines, 80 Jaques St.

STORES.

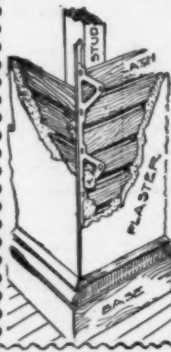
Boston, Mass.—Norfolk St., nr. Lauriat Ave., Ward 24, two-st'y fr. store, 27' x 31', flat roof, stores; \$2,000; o., F. J. Carl; a., A. B. Fisher & Co.; b., W. S. Packard, Mattapan.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Myrtle Ave., nr. Louis Ave., 2 four-st'y bk., st. & terra-cotta flats, 25' x 68'; \$22,

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Marcy Ave., cor. Hope St., four-st'y bk. store & tenement, 40' x 46'; \$12,000; o. & b., Brown Estate, 601 Bedford Ave.; a., C. J. Perry, 255 E. 49th St., New York City.

New York, N. Y.—Hester St., Nos. 5-7, 2 six-st'y & base, bk. & st. flats & stores, 50' x 85' 6½'; \$46,000; o., Fay & Stacom, 233 Grand St.; a., Charles Rentz.

PROPOSALS.

SCHOOL-BUILDING AND DORMITORY.

[At Nadeau, Kan.] Sealed proposals will be received until December 13, by W. A. Jones, Commissioner of Indian Affairs, Department of the Interior, Washington, D. C., for the erection of school and dormitory building on the Kickapoo reservation, Brown County, Kan., in accordance with plans and specifications on file at the United States Indian warehouse, 1602 State St., Chicago, Ill., the Builders' and Traders' Exchange, Omaha, Neb., the offices of the Times, Leavenworth, Kan., and the Capital, Topeka, Kan., at the Potawatomi agency, Nadeau, George W. Jones, United States Indian agent, and at Washington. 1198

HOSPITAL.

[At Bridgeton, N. J.] Bids are wanted December 19 for a stone and brick hospital for the county insane. GEORGE REEVES, Chmn. Com. Bd. Chosen Freeholders, Millville. 1197

CITY-HALL.

[At Bridgeport, Conn.] Plans will be received until January 1 for a City-hall building; cost not to exceed \$150,000. DR. C. LINCOLN BANKS, Chairman of Committee. 1197

BULKHEAD AND FILLING.

[At Boston, Mass.] Contractors are invited to leave at the office of the Boston Park Commissioners, Jamaica Park, Boston, before 3 o'clock P. M. of Monday, December 5, 1898, proposals for filling and building a bulkhead at the Fens between Beacon Street and Harbor Commissioners' line. A bond of \$4,000 for faithfully doing the work will be required. The bidder must use the form of proposal to be obtained at said office, fill out and sign the same and leave with it at said office a certified check for \$500 payable to the City of

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Boston, the check to be the property of the City if the bidder fails to carry out his proposal. All proposals so filled out and left with check, and no other, will at said time and place be publicly opened and read. The right is reserved to reject any or all proposals. CHARLES E. STRATTON, LABAN PRATT, Park Commissioners. 1197

SCHOOL-HOUSE.

[At Sacramento, Cal.] It is stated that the Board of Education will receive bids until December 6 for a high-school building to cost not over \$80,000. 1197

WALL.

[At Boston, Mass.] Contractors are invited to leave at the office of the Boston Park Commissioners, Jamaica Park, Boston, before 3 o'clock P. M. of Monday, December 5, 1898, proposals for building a wall of quarry-faced granite or seam-faced Roxbury stone, at Jamaica Park. A bond of \$2,000 for faithfully doing the work will be required. The bidder must use the form of proposal to be obtained at said office, fill out and sign the same, and leave with it at said office a certified check for \$300 payable to the City of Boston, the check to be the property of the City if the bidder fails to carry out his proposal. All proposals so filled out and left with check, and no other, will at said time and place be publicly opened and read. The right is reserved to reject any or all proposals. CHARLES E. STRATTON, LABAN PRATT, Park Commissioners. 1197

COURT-HOUSE.

[At Atlanta, Ga.] Bids are wanted December 21 for the Court-house annex; cost not to exceed \$100,000. A. L. KONTZ, Clerk Commissioners of Roads and Revenue. 1197

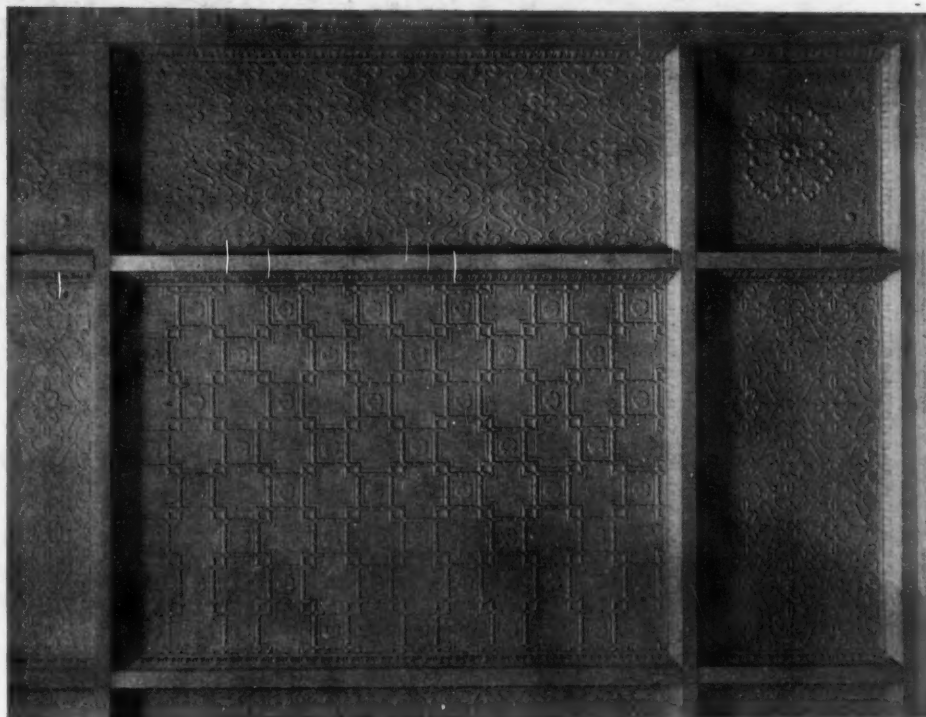
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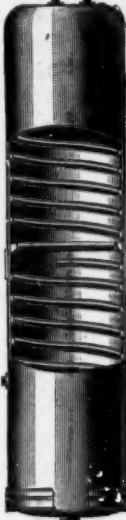
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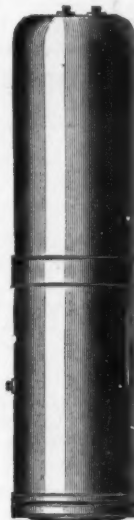
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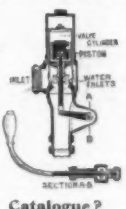
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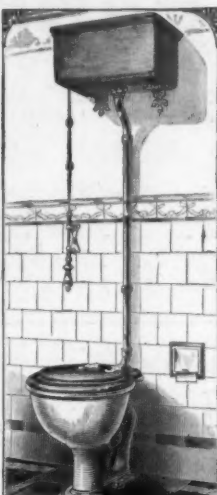
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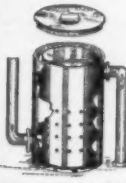
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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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

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

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

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

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

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

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

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

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

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

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

SECTION 14. It is unprofessional to enter into competition with or to consult with an 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.

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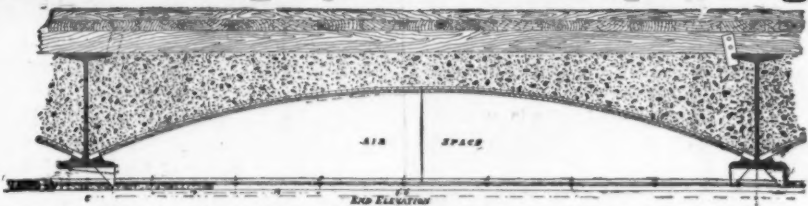
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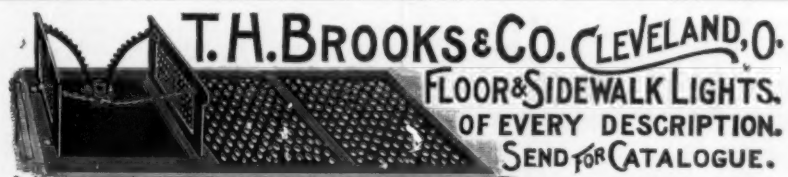
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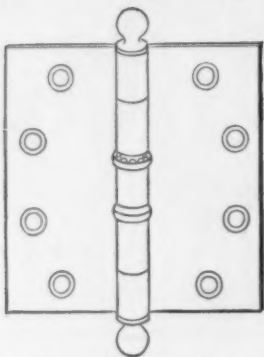
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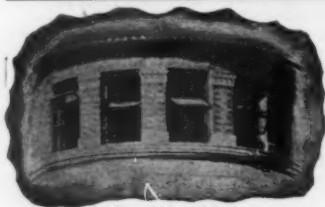
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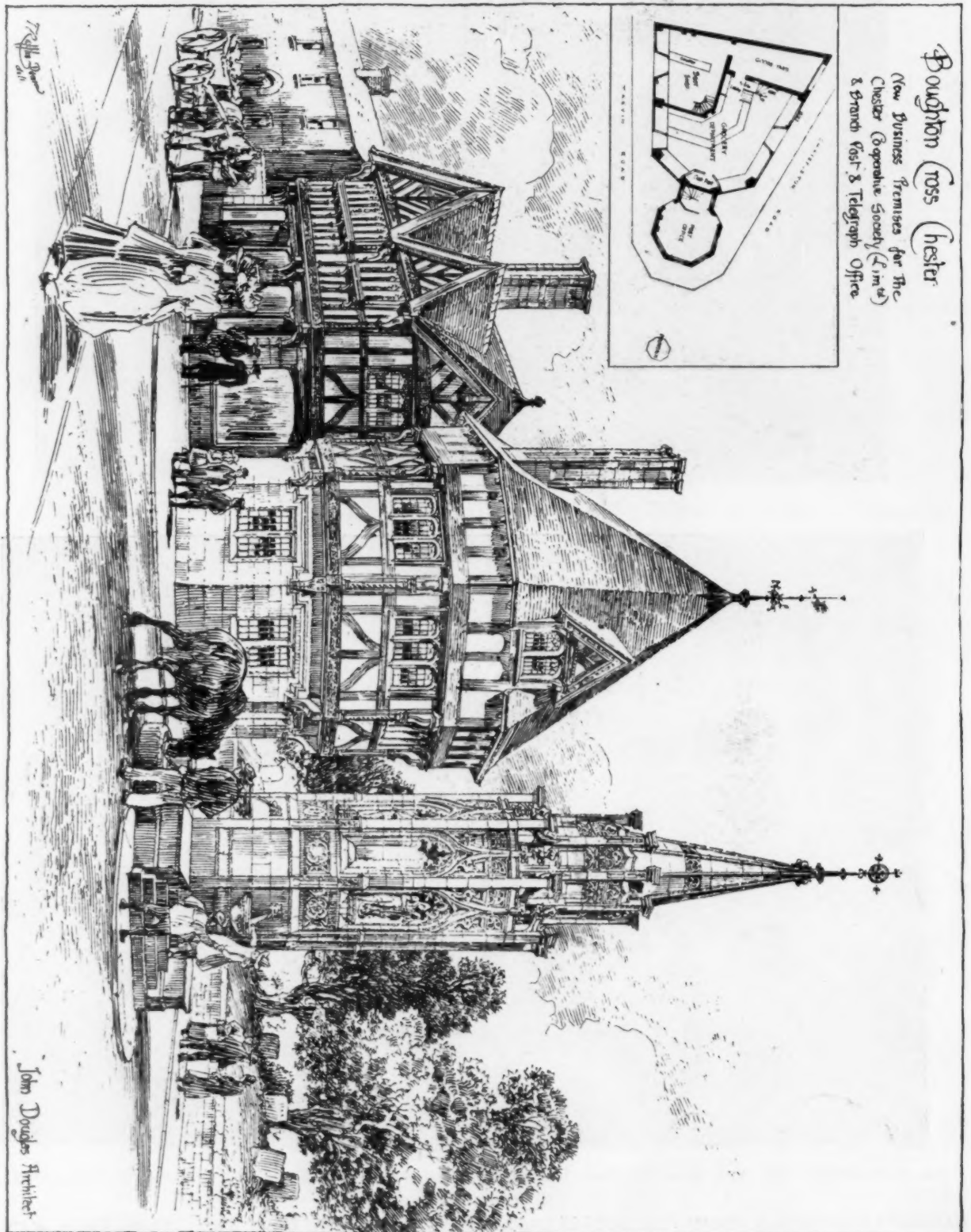
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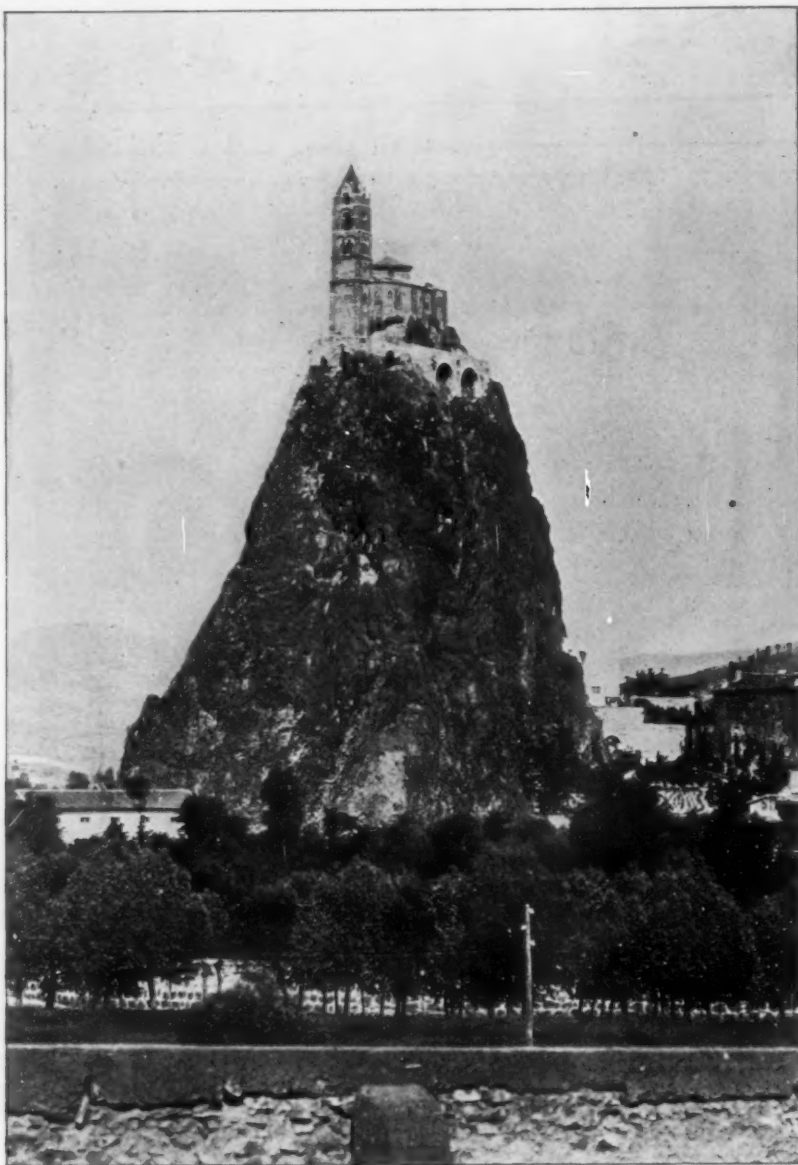
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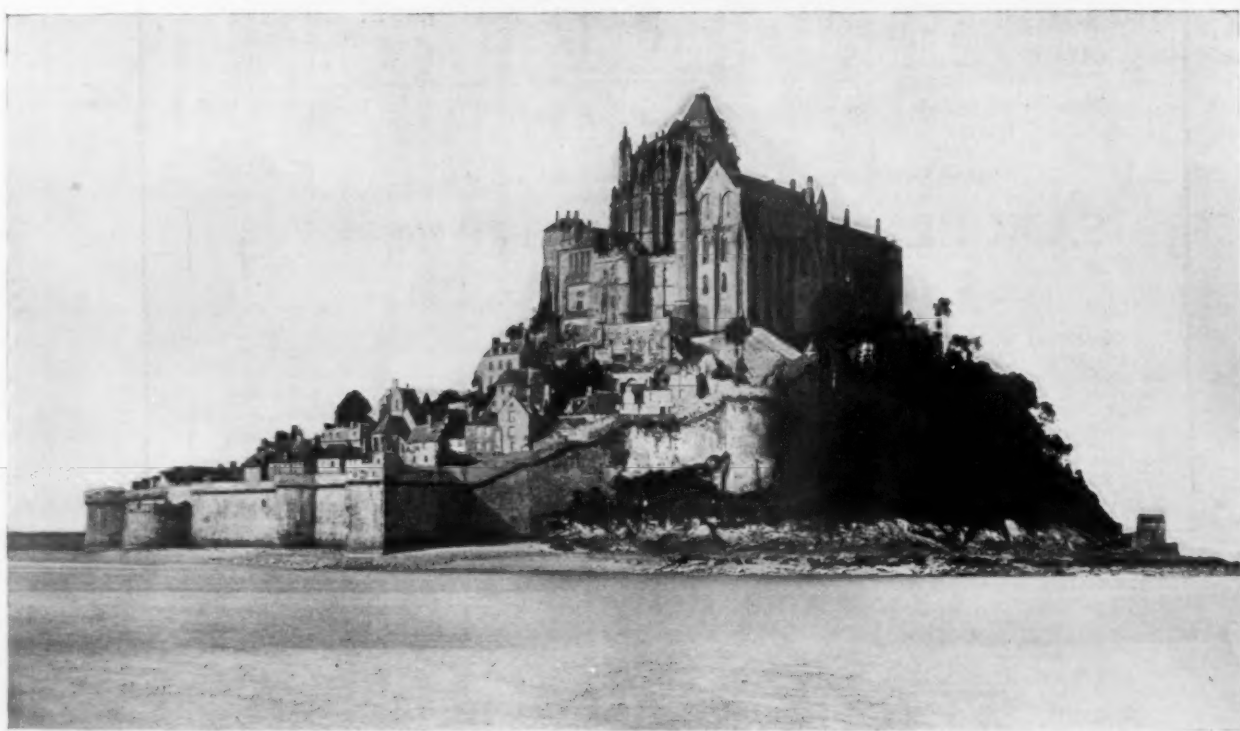
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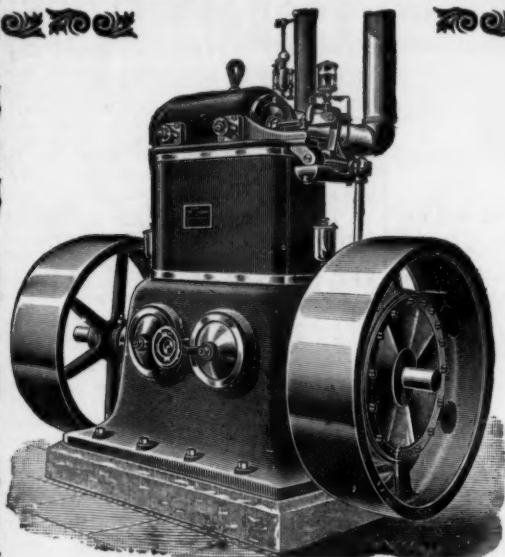


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614,874. CHIMNEY-CLEANER. — Victor Lefebvre and Telesphore Poliquin, Lowell, Mass.
614,909. DOOR-CHECK. — George W. Warner, Freeport, Ill.
614,932. SPARK-ARRESTER FOR CHIMNEYS OR FLUES. — Calahan C. Carper, Amma, W. Va.
614,945. LOCK. — Israel Gelman, Melrose, Md.
615,017. WINDOW FRAME AND SASH. — Abraham Rasmor, Pittsburgh, Pa.
615,074. DOOR-CHECK. — Pehr J. Lennart, Stamford, Conn.
615,080. ELEVATOR. — Henry I. Lurye, New York, N. Y.
615,082. LAVATORY-BASIN, BATH OR THE LIKE. — Frederick C. Lynde, Manchester, Eng.
615,097. MITER-BOX. — Moses Nicholls, Glenwood, Ia.
615,178. METALLIC ROOFING. — Clarence E. Hooper, Baltimore, Md.
615,189. AUTOMATICALLY-OPERATED WEATHER-STRIP. — Gustav Kroencke, Toledo, O.
615,194. SHUTTER-OPERATING SYSTEM. — John Parkinson, Los Angeles, Cal.
615,222. SAFETY-DOOR FOR ELEVATOR-SHAFTS. — Samuel H. Keech, Kansas City, Kan.

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 New York Central has signed a contract with a firm of contractors in Boston to erect the new station in Albany. This station is to be built of Milford granite, and will cost about \$500,000. Work is to be begun at once. The new station is to be on the site of the old Delavan House, and it is expected that it will be finished and ready for use by next fall.
- Atlanta, Ga.** — The Presbyterian Society is arranging to build a \$30,000 church. Walter P. Inman, 478 Peachtree St., is said to be interested. Reports state that the congregation of the East Atlanta Baptist Church is considering the erection of a new edifice on Randolph St.
- Congress will be asked, at its next session, to appropriate \$3,000,000 for the erection of the new Federal penitentiary.
- Attleboro, R. I.** — Work will soon begin on a new church, parish-house and rectory on County St., between 1st and 2d Sts., for the All Saints' Mission.
- Baltimore, Md.** — The factory of the Carr-Lowry Glass Co., which was recently destroyed by fire, will be rebuilt at once. The factory is situated at Westport, a suburb of this city.
- Brunswick, Me.** — The officials of the Maine Central R. R. Co. have decided to erect a \$25,000 station. Wm. A. Allen, Ch. Engr., Portland.
- Cambridge, Mass.** — Plans are being drawn and work will begin in the spring on the Harvard Infirmary. This building will bear the name of its donor, Mr. James Stillman, of New York, who has made to Harvard University a gift of \$50,000 for its erection and will contribute annually for four years the sum of \$2,500 toward its support. The land for the building has already been purchased and is most favorably situated for its purposes. The lot has 100 feet front on Mt. Auburn St. and a depth of about 280 feet. It abuts in the rear on the new Metropolitan parkway and overlooks the Charles River and Soldiers' Field beyond. It is between the Cambridge Hospital and the new Home for Aged People.

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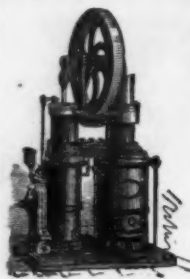
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Cape May, N. J. — It is reported that a new, large, all-the-year hotel will be erected here, and that the most prominent persons interested in the proposed enterprise are John C. Bullitt, of Philadelphia, and Park Commissioner John M. Rogers, of Wilmington. Recently Messrs. Bullitt and Rogers were here with Architect Davis, of Boston.

Chicago, Ill. — It is stated that the 47th St. M. E. Society contemplates the erection of a \$10,000 brick church.

S. V. Shipman, 218 La Salle St., has prepared plans for the erection of a seven-story fireproof building, 78' x 175', at the corner of Wabash Ave. and Hubbard St.

Cincinnati, O. — It is stated that the Building Committee of the Masonic Temple will expend about \$100,000 on improving the temple. Two stories will be added.

Colorado Springs, Col. — Thos. P. Barber, 74 Bank Building, has prepared plans for the new church to be erected by the Methodist Episcopal Society. It will cost about \$50,000.

Des Moines, Ia. — Conrad Youngerman has accepted plans for the block he is to erect at 5th and Locust Sts.

De Pere, Wis. — The Board of Education has decided to advertise for plans for a new \$15,000 high school.

East Hampton, L. I., N. Y. — The Maidstone Improvement Co. has had plans prepared for a new three-story hotel which it proposes to build at this place. It will contain 50 rooms and will cost about \$25,000.

Evanson, Ill. — It is stated that the Masonic lodges will erect a temple at Maplewood and Davis Aves. The building will be three stories and basement, 60' x 150', and will cost about \$30,000.

Harlem, Ill. — It is reported that the Lutheran Society will erect a \$50,000 church. Wesley Arnold, of Oak Park, architect.

Indianapolis, Ind. — Plans have been prepared by D. A. Bohlen & Sons, Majestic Building, for a theatre and hotel building, to be erected at Alabama and Washington Sts.

Jacksonville, Ill. — It is said that Mrs. David Prince has presented to the city a valuable building, the condition of acceptance being that within three years a Public Library building, costing no less than \$20,000, shall be erected. The Library Board has accepted the proposition and will begin at once the work of raising funds.

Lestershire, N. Y. — The proposition to erect a fire-station and municipal building, at a cost of \$24,000, has been voted favorably on at the recent election. M. S. Squires, Village Pres.

Lenox, Mass. — Plans have been prepared for a large addition to the Congregational Church chapel, to cost \$2,000. A strip of land back of the chapel has been presented to the Society for this purpose.

Lincoln, Neb. — The main building of the Lincoln Normal University, a four-story brick and stone structure, was burned December 1st. It will, doubtless, be replaced at once.

Louisville, Ky. — Report states that Senator Stephen B. Elkins, W. L. Elkins, his brother, and P. A. B. Widener, owners of the Pennsylvania Iron Company, have an agent in this city looking for a site to erect the largest plug-tobacco factory in the world. Several sites have already been examined, one being the big Lithgow stove factory, which covers the entire block. Mr. Elkins represents the Union Tobacco Company. William Wilson is the Louisville representative.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Lowell, Mass. — The American Mason Safety Tread Co., of Boston, is to locate its factory here. Messrs. Davis & Raynes have prepared plans and the building will be erected and ready for occupancy in a short time. It will be a three-story building, 60' x 150', situated on Belvidere St., between Perry St. and the B. & Maine Railroad.

Lynn, Mass. — The contract has been awarded to W. P. Freeman, for building three 2½-story dwellings, 25' x 45', on the corner of Summer and South Sts., after plans by H. W. Rogers.

Marlin, Tex. — It is stated that a theatre and summer resort, to cost about \$25,000, will be erected here.

Morgantown, W. Va. — The congregation of the Methodist Church is stated to have decided to erect a \$25,000 edifice.

New York, N. Y. — Frederic R. Comstock, architect, has filed plans for a new four-story granite, marble and brick church building to be erected on the corner of 68th St. and W. Central Park, for the Second Church of Christ, Scientists; estimated cost, \$200,000.

Andrew Carnegie is to build a costly residence on 5th Ave. He has bought two block fronts on the avenue, between 90th and 92d Sts., for \$900,000. The plot is "L" shaped and extends 200 feet on 5th Ave., 225 feet on 91st St. and 100 feet on 92d St.

Peabody, Mass. — The late Josiah B. Thomas, of this town, has bequeathed \$50,000 to it for a hospital.

Peoria, Ill. — Report states that the Deaconess Home and Hospital Association will build a new hospital.

Peru, Ind. — The Presbyterian Society contemplates the erection of a \$15,000 church.

Philadelphia, Pa. — It is stated that the Thirty-first Section School Directors at their meeting expressed themselves strongly in favor of the erection of a new school to take the place of the Witte School on E. York St.

It is stated that Cope & Stewardson have finished plans and specifications for the Law School of the University of Pennsylvania, to be erected at 34th and Chestnut Sts.

Edward P. Durang has completed plans for the college building at Villa Nova, for the Augustinian Brotherhood.

A \$60,000 school-building, four stories, is to be erected on the corner of 8th and Fitzwater Sts.

It is reported that Chas. Haines will erect a two-story frame stable with iron roof, 14' x 20', on Roberts St., near Loudon St.

Plans have been completed for the new three-story brick fire-house, 40' x 80', to be built at 31st St. and Gray's Ferry Road.

Fred Mann, 328 Chestnut St., has prepared plans for a new church, to be erected at Overbrook, by St. Paul's Memorial Society; cost, \$25,000.

Architects Hales & Ballinger have completed plans for a four-story brick and stone factory for Fels & Co., Paschall. The plant was recently damaged by fire.

Pittsburgh, Pa. — Alden & Harlow, Vandergrift Building, have prepared plans for an addition to the Carnegie Institute; cost, \$750,000.

Pittsfield, Mass. — The Pittsfield Club property, corner of East and 2d Sts., has been purchased by

(Continued on page xli.)

AS the Contents are right and the Prices
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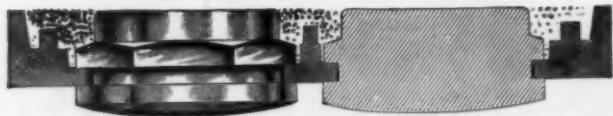
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Geo. E. Weed, of New York City, who will erect a large residence in the spring.

Princeton, Ill.—Report states that the late E. C. Bates, of this city, has bequeathed \$20,000 for the erection of a Public Library building to be located in the public square.

Richmond, Mass.—Henry Sherrill, of Brooklyn, N. Y., has purchased the Sharpe place and will erect a residence.

San Francisco, Cal.—The Baldwin Hotel has been destroyed by fire; loss about \$1,500,000. A new building will, doubtless, be erected at once.

South Hadley, Mass.—Mr. Chas. T. Wilder has made to Mt. Holyoke College a gift of \$100,000, in memory of his wife, a former student at the college, one-half to be devoted to endowment for the scientific department, and one-half to the erection of a dormitory. Work on the new building has already begun. It will be of brick, with brownstone trimmings, and the style will be that of the Elizabethan Renaissance. Plans by C. Powell Karr, of New York.

Springfield, Mass.—N. E. Russell has prepared plans for a \$7,500 house to be built at Rockrimmon, for Frank P. Ware.

Mrs. Wm. Broadhurst is to erect a residence, the style to be old colonial.

Olmstead & Tuttle Co., of Chicopee, will erect a two-story brick office-building after plans by Gardner, Pyne & Gardner.

Toledo, O.—D. L. Stine, 405 The Valentine, has prepared plans for a residence, to be erected on Ashland Ave., costing about \$9,000.

Ware, Mass.—Three cottages are to be built at once by Ruggles & Smith, at the corner of Walnut St. and Smith Ave.

Waterloo, Ia.—Blackhawk County will erect a Court-house costing about \$75,000.

Watertown, Mass.—There is a great building activity here. The Otis & Sprague Co. are building 20 houses on the Page Estate, Galen St., 4 are being built on the Walker Estate, 4 on Cypress St., one on Quimby St., and many others on Pleasant St., Pearl St., and elsewhere.

Wellington, Kan.—Sumner County will erect a jail to cost about \$20,000.

West Reading, Pa.—The plant of the Keystone Cycle Works in this place was recently destroyed by fire. It will be rebuilt at once.

Wisconsin, Pa.—It is stated that at a meeting of the Thirty-fifth Section School Board, held in Fayette School, Bustleton, a resolution was adopted calling upon Councils and the Board of Education to purchase for school purposes a lot bounded by Bonner, Dittman, Jackson and Sherman Sts. The price named in the resolution is \$5,000.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Madison St., four-sty bk. & st. flat, 30' x 70', tin roof, steam; \$20,000; o., John Graham, 232 Sumner Ave.; a., J. L. Young, 1221 Fulton St.

Chicago, Ill.—Woodlawn Park, three-sty bk. & st. flat, 65' x 75'; \$30,000; a., James E. O. Pridmore, 126 State St.

Calumet Ave., Nos. 5937-39, 2 three-sty bk. flats, 25' x 85'; \$22,000; o. & a., Arthur Foster; b., Geo. Allan & Co.

Lake St., No. 3744, four-sty bk. flat, 60' x 114'; \$45,000; o., Harris & McGinnis; a., F. R. Schock; b., Snyder Bros.

Cleveland, O.—Euclid Station, two-sty bk. & st. store & apart., 60' x 125', gravel roof, steam; \$14,000; o., T. H. Brooks, 960 Lake St.; a., George F. Hammond, 166 Euclid Ave.

Evanston, Ill.—Davis St., cor. Chicago Ave., three-sty bk. & st. apart., 60' x 116'; \$40,000; a., Volney W. Foster.

New York, N. Y.—Third St., Nos. 61-63, six-sty bk. stores & flats, 40' x 82'; \$35,000; o., William Wirth, 145 Delancey St.; a., Kurtz & Rohl, 3d Ave. & 7th St.

Ludlow St., Nos. 109-111, six-sty bk. stores & flats, 40' x 73'; \$35,000; o., Harris Maran, 200 E. 80th St.; a., Horenburger & Straub, 122 Bowers.

Ninety-second St., nr. Boulevard, six-sty bk. flat, 50' x 87' 10"; \$75,000; o., Emilio Vigna, 338 E. 114th St.; a., Neville & Bagge, 217 W. 125th St.

Fifth Ave., No. 1391, five-sty bk. flat, 25' x 86'; \$25,000; o., Louis Lese, 231 E. 60th St.; a., John Hauser, 1441 Third Ave.

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Fifty-fourth St., Nos. 145-153, 4 five-sty bk. flats, 33' 6" x 30', 25' x 85' 9", 87' 8", 89' 6"; \$120,000; o., Rosamund Herter; 503 Manhattan Ave.; a., F. W. Herter.

Spencer Pl., nr. 144th St., 2 five-sty bk. flats & stores, 27' 6" x 90'; \$50,000; o., Nicholas Damalino, 567 E. 144th St.; a., Louis Falk, 3d Ave. & 146th St. One Hundred and Eighth St., nr. Columbus Ave., 2 five-sty bk. & st. flats, 25' x 86'; \$50,000; o., Ed. Muller, 2133 First Ave.; a., John Hauser, 1441 Third Ave.

Seventy-fifth St., nr. 1st Ave., five-sty bk. & st. flats, 37' 8" x 87'; \$30,000; o., Adolph Werthoff, 420 E. 75th St.; a., Ed. Wons, 1491 Third Ave.

Boulevard, cor. 102d St., six-sty bk. flat, 96' 2 1/2" x 115'; \$300,000; o., David R. Todd, 700 West End Ave.; a., Neville & Bagge, 217 W. 125th St.

Serenth St., cor. Avenue C, six-sty bk. stores & flats, 39' 4" x 58'; \$31,000; o., Mrs. Bessie Ruth, 22 E. 109th St.; a., Schneider & Herter, 46 Bible House.

Ninety-fifth St., nr. Boulevard, seven-sty bk. flat, 50' x 90'; \$90,000; o., Kate C. Brown, 60 Liberty St.; a., C. Steinmetz, 60 Liberty St.

Thirty-fifth St., nr. 9th Ave., 2 five-sty bk. & st. flats, 25' x 83', tin roofs; \$50,000; o., J. F. Doyle, 795 St. Nicholas Ave.; a., Neville & Bagge, 217 W. 125th St.

One Hundred and Fifteenth St., nr. 5th Ave., five-sty bk. & st. flat, 25' x 85'; \$23,000; o. & b., T. P. Calder, 45 E. 115th St.; a., Harry T. Howell, 745 E. 138th St.

One Hundred and Fourteenth St., nr. Amsterdam Ave., six-sty bk. & st. apart., 50' x 111', tin roof, steam heat; \$75,000; o., Joseph Spata, 73 Spring St.; a., Neville & Bagge, 217 W. 125th St.

One Hundred and Eighth St., nr. Amsterdam Ave., 5 five-sty bk. & st. apart., tin roofs; \$100,000; o., Chas. Kervan, 46 W. 135th St.; a., Henry Anderson, 1180 Broadway.

E. Eighty-first St., No. 235, six-sty bk. & st. flat, 25' x 83'; \$25,000; o. & b., Bernard Mayer, 277 E. 60th St.; a., Schneider & Herter, 46 Bible House.

Riverside Drive, nr. 95th St., seven-sty apart., 50' x 85', hot water; \$140,000; o., Peter Talbot, 828 St. Nicholas Ave.; a., John Woolley, 111 Fifth Ave.

Ninety-fourth St. and W. Central Park, seven-sty bk. & st. flat, 75' x 95'; \$175,000; o., J. A. & Jos. Pinchbeck, Grant Ave. & 162d St.; a., Neville & Bagge, 217 W. 125th St.

Ninety-fourth St., cor. Madison Ave., 2 six-sty bk. & st. apart., 50' x 90' & 50' x 85'; \$150,000; o. & b., James H. Havens, 825 11th Ave.; a., Neville & Bagge, 217 W. 125th St.

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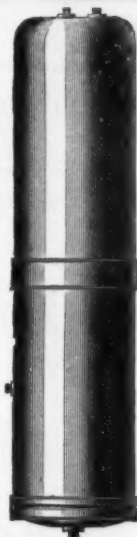
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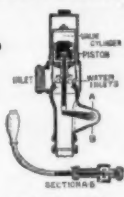


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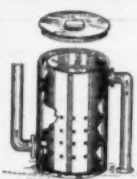
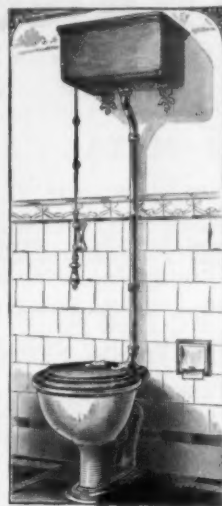
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Kansas City, Mo.—Boulevard and Summit St., two-sty bk. & st. store, 70' x 90', comp. roof, steam; \$12,000; o., Jos. Schlitz Brewing Co., Milwaukee, Wis.; a., Kirchhoff & Rose, Grand Ave., Milwaukee, Wis.

TENEMENT-HOUSES.

New York, N. Y.—Webster Ave., nr. 174th St., 2 four-sty bk. flats, 25' x 75' & 25' x 73' 6"; \$36,000; o., Vegliante & Lo Medico, 59 Liberty St.; a., C. A. Millner, 81 E. 125th St.

One Hundred and Fifty-second St., nr. Robbins Ave., 3 four-sty bk. flats, 25' x 75'; \$46,500; o., Martin Smith, 177 E. 93d St.; a., W. C. Dickerson, 149th St. & 3d Ave.

One Hundred and Fifty-ninth St., nr. Courtlandt Ave., 2 four-sty bk. flats, 25' x 65' 2"; \$25,000; o., Phillip J. Dirksen, 579 E. 159th St.; a., Julius Spindler, 2629 Third Ave.

Jackson Ave., nr. Cedar Pl., 3 three-sty bk. flats, 16' x 72'; \$16,500; o., Mrs. Jennie Miller, 31 Rose St.; a., Edward Wenz, 1491 Third Ave.

One Hundred and Ninth St., No. 8, five-sty bk. tenement, 25' x 88'; \$18,000; o., Goldstein & McDermott, 1855 Second Ave.; a., Sam'l Sass, 23 Park Row; b., Ph. Goldstein, 1857 Second Ave.

Third Ave., cor. 171st St., five-sty bk. flat, 25' x 95'; \$27,000; o., Louis Lutjens, 1524 Washington Ave.; a., R. Werner, 171st St. & 3d Ave.

St. Louis, Mo.—Cook St., bet. Walton & Marcus Aves., two-sty bk. flat, 50' x 66', comp. roof, steam heat; \$7,000; o., Stanford Investment Co.; a., A. Blair Redington, 205 N. 11th St.

Toledo, O.—Monroe St., two-sty bk. stores & flats, 50' x 100', tin roof; \$10,000; o., Syndicate; a., H. F. Hall & Co., 332 The Nasby.

Dorr and Ewing Sts., three-sty bk. & st. store & flat, 40' x 72', asphalt roof, hot water; \$15,000; o., D. A. Moyer; a., A. Burnside Sturgis, The Spitzer.

WAREHOUSES.

Columbus, O.—State and Sterling Sts., two-sty bk. & st. storage building, 75' x 125', comp. roof, steam; \$15,000; o., Jos. Schlitz Brewing Co., Milwaukee, Wis.; a., Kirchhoff & Rose, Grand Ave., Milwaukee, Wis.

Dallas, Tex.—Two-sty bk. warehouse, 100' x 110'; \$10,000; o., Royal A. Ferris; a., E. H. Silven.

New York, N. Y.—Fifth Ave., Nos. 145-47, twelve-sty bk. store & flats, 46' x 90'; \$275,000; o., N. L. McCready, 15 Broad St.; a., H. Edwards Ficken, 19 W. 22d St.

MISCELLANEOUS.

St. Louis, Mo.—Salisbury St., No. 2116, two-sty bk. stock-house, 50' x 100', comp. roof, steam; \$25,000; o., Hyde Park Brewery, on premises; a., Widman, Walsh & Boisselier.

Cook St., bet. Grand & Leonard Sts., two-sty fr. club-house & skating-rink, 87' x 132'; \$17,500; o., St. Louis Artificial Ice Kink Co., Century Building; b., B. Wussler; a., Gerhard Becker.

COMPETITIONS.

CITY-HALL. [At Bridgeport, Conn.] Plans will be received until January 1 for a City-hall building; cost not to exceed \$150,000. DR. C. LINCOLN BANKS, Chairman of Committee. 1198

PROPOSALS.

BATH-HOUSE. [At Albany, N. Y.] Plans and estimates for a public bath-house are wanted January 3. THOS. J. LANAHAN, Clk. Bd. Contract and Apportionment. 1199

REVENUEMENTS. [At Keweenaw Point, Mich.] U. S. Engineer Office, Duluth, Minn., Settled proposals for building pile and timber revetments for Ship Canals across Keweenaw Point, Mich., will be received here until noon, December 20, 1898. CLINTON B. SEARS, Major, Engrs. 1198

METAL WORK. [At Tompkinsville, N. Y.] Sealed proposals will be received at the office of the light-house engineer, Tompkinsville, N. Y., until 12 o'clock M., December 23, 1898, for metal-work and erection of West Bank Light Station, N. Y. 1198

LIFE-SAVING STATION. [At Berkeley Beach, N. J.] Treasury Department, U. S. Life-saving Service, Washington, D. C. Sealed proposals will be received at this office until 2 o'clock P. M. of Wednesday, December 21, 1898, for the construction of a life-saving station on Berkeley Beach, New Jersey. 1198

BRIDGE. [At Brookhaven, Mass.] Proposals will be received until January 3 by the Board of Supervisors for constructing a steel bridge across Homochitto River according to plans and specifications. 1199

JAIL. [At Keyser, W. Va.] Bids will be received by the County Clerk until February 10 for constructing a new county jail; cost not to exceed \$10,000. 1199

BRIDGE. [At Chicago, Ill.] Proposals for a railroad bridge crossing the Main Drainage Channel will be received by the Clerk of the Sanitary District at Room 1110, Security Building, until 12 M. (Standard time), of Wednesday, the 28th day of December, A. D. 1898. 1198

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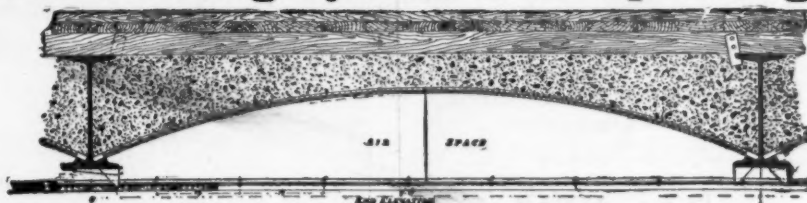
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PROPOSALS.

ELECTRIC PLANT. [At New York, N. Y.] Sealed proposals for erecting a building for electric-light plant, Navy Yard, New York, will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 1 o'clock P. M. on Saturday, December 17, 1898. MORDECAI T. ENDICOTT, Chief of Bureau. 1198

WIRING. [At New York, N. Y.] Sealed proposals for enlarging the Wiring System at the Navy Yard, New York, N. Y., will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 1 o'clock P. M. on Saturday, December 17, 1898. MORDECAI T. ENDICOTT, Chief of Bureau. 1198

CEMENT. [At Fort Morgan, Ala.] U. S. Engineer Office, Mobile, Ala. Proposals for furnishing Hydraulic Portland Cement and Gravel at Fort Morgan, Ala., received here until 12 M., December 23, 1898. WM. T. ROSSELL, Maj. Engrs. 1198

GAS AND ELECTRIC LIGHT FIXTURES. [At Washington, D. C.] Sealed proposals will be received at the Treasury Department, until 2 o'clock P. M., Tuesday, December 27, to manufacture and place in position, in complete working order, in the new U. S. Post-office Building, Washington, D. C., certain combination Gas and Electric Light Fixtures. Specifications and blank forms of proposal can be obtained upon application to the Department. Proposals should be addressed to the Secretary of the Treasury, Washington, D. C., and indorsed "Proposals for Gas-fixtures, Washington, D. C." O. L. SPAULDING, Acting Secretary. 1199

PROPOSALS.

CAPITOL BUILDING. [At Phoenix, Ariz.] Sealed proposals will be received until January 10 at the office of the Capitol Grounds and Building Commission, 313 Fleming Block, for the erection of a capitol building, according to plans and specifications prepared by JAMES REILLY GORDON, architect, San Antonio, Tex. 1199

CHURCH. [At Louisville, Ky.] Bids will be received until December 20 by J. B. Senior, Secretary Building Committee, corner 12th and Main Sts., for the erection of the new church for the Methodist Episcopal Society, plans for which were prepared by W. R. Brown, 222 W. 4th St., Cincinnati. 1199

HEATING AND VENTILATING. [At Cleveland, O.] Bids are wanted December 27 for a ventilating and heating apparatus and one horizontal tubular boiler for the Children's Hospital at City Infirmary. WILLIAM J. AKERS, Dir. of Charities and Correction. 1199

SCHOOL-BUILDING AND DORMITORY. [At Nadeau, Kan.] Sealed proposals will be received until December 13, by W. A. Jones, Commissioner of Indian Affairs, Department of the Interior, Washington, D. C., for the erection of school and dormitory building on the Kickapoo reservation, Brown County, Kan., in accordance with plans and specifications on file at the United States Indian warehouse, 1602 State St., Chicago, Ill., the Builders' and Traders' Exchange, Omaha, Neb., the offices of the Times, Leavenworth, Kan., and the Capital, Topeka, Kan., at the Potawatomie agency, Nadeau, George W. Jones, United States Indian agent, and at Washington. 1198

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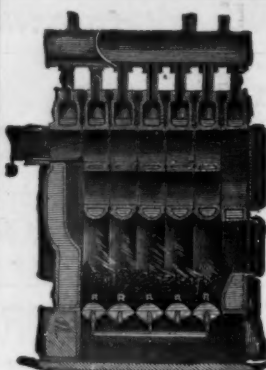
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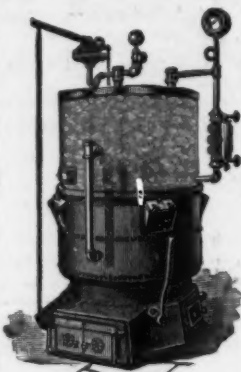
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THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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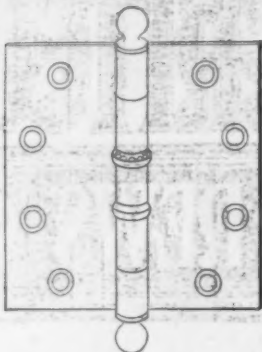
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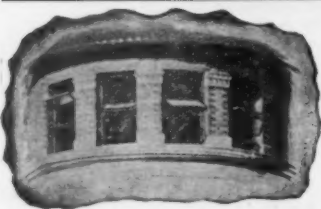
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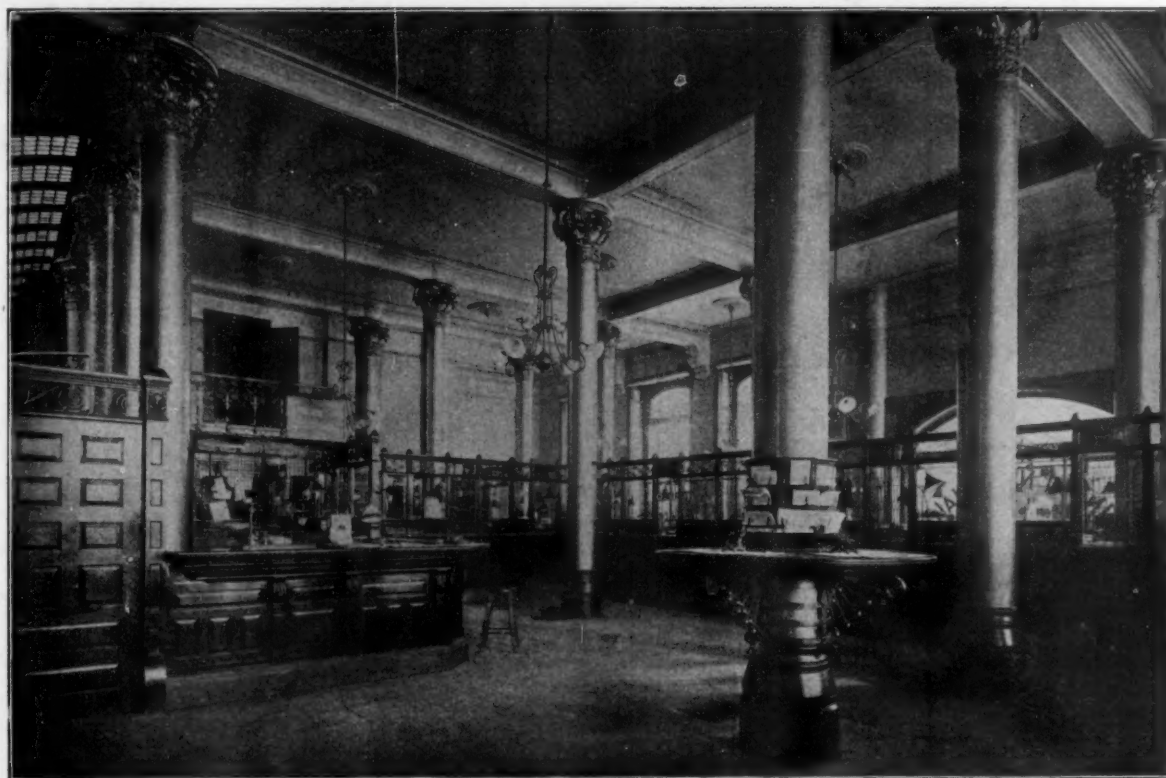
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Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	@ 4 40	2 50 @ 2 75
" Sienna.....	@	@	Not sold.	@ 5 00
Tennessee, red.....	@	@	@ 4 40	4 00 @ 6 00
" Knoxville.....	@	@	@ 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 80
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 00
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
" ".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.....			Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading			9 7/8 sc. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
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	12 00 @ 18 00	Not sold.	15 00 @ 21 50
Hemlock.....	20 @ 14	12 50 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 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 @ 16 00	14 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 00 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	19 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	@	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	@ 1 80	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, sawed..... ".....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P M.....	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	30 1/2 @ 35 @ 40
Cedar split..... ".....	@	@ 6 00	Not sold.	24 1/2 @ 21
Cedar sawed..... ".....	@	2 00 @ 3 25	2 50 @ 2 90	30 1/2 @ 25 @ 14
Cypress. Split..... 7 x 24 ".....	18 00 @ 30 00	5 00 @ 6 00	@	11 00 @ 14

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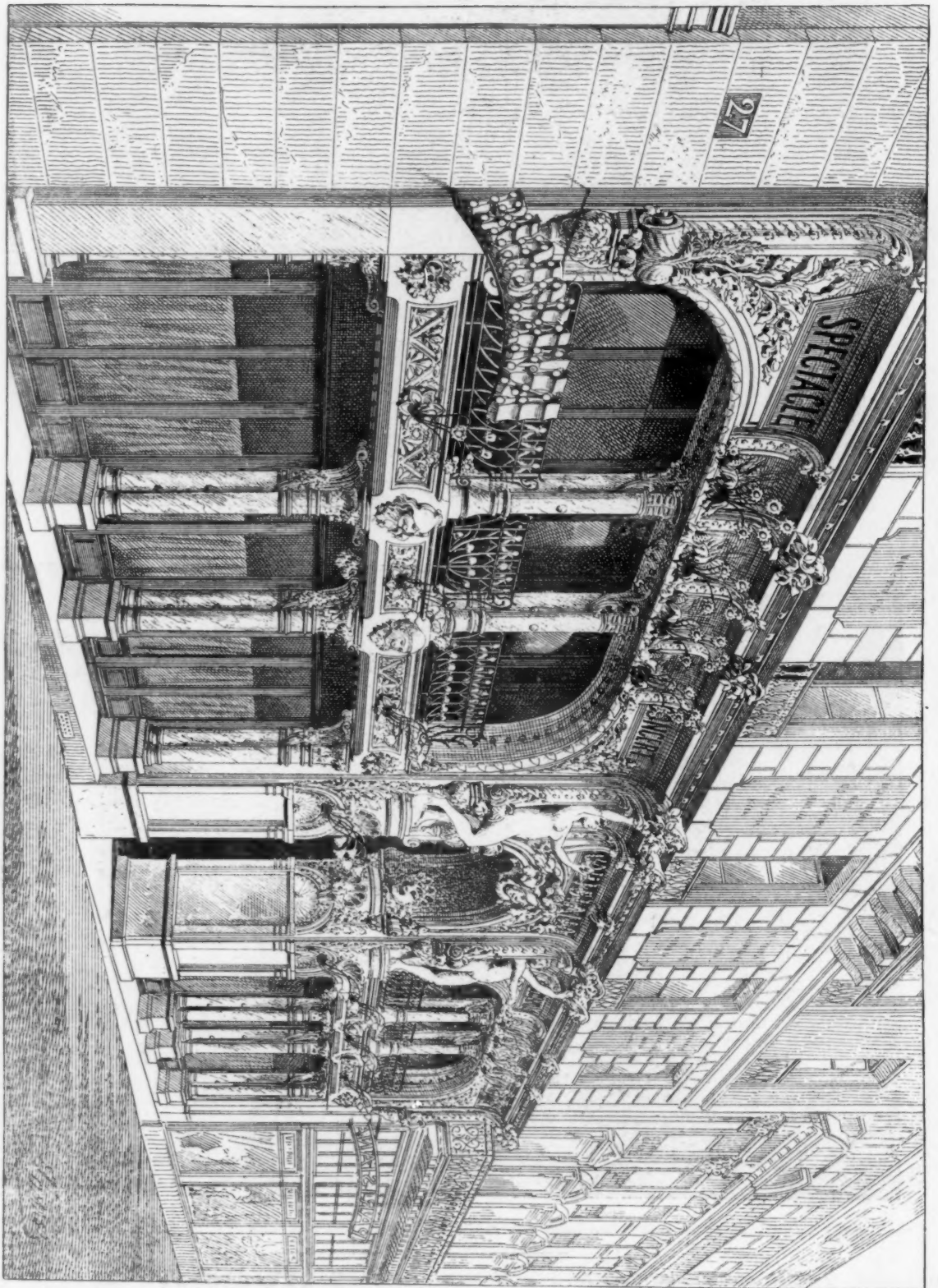
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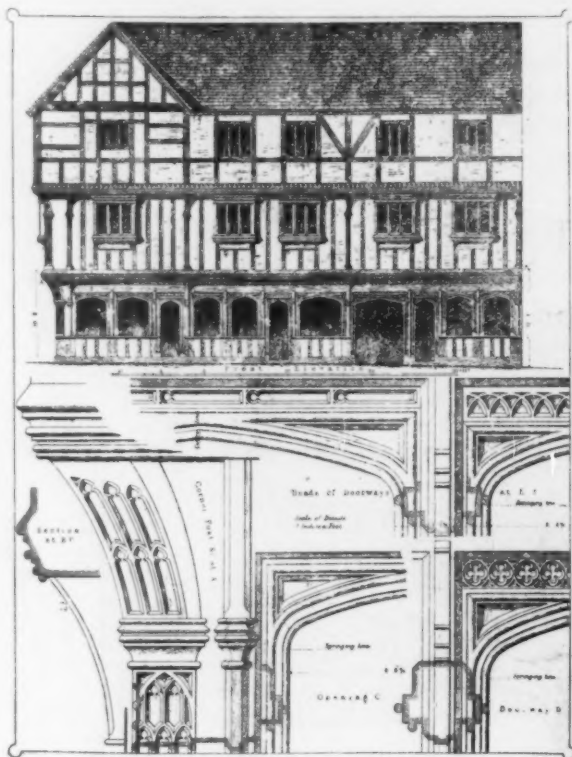
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Butchers' Row, Shrewsbury, England.



[House on the High Street, Godalming, England.

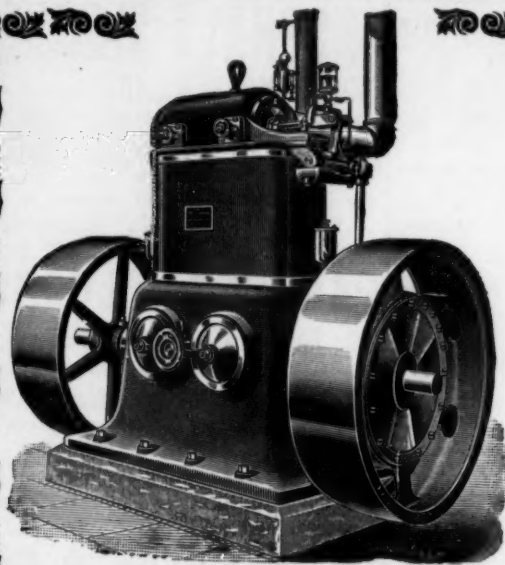


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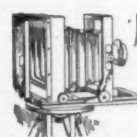
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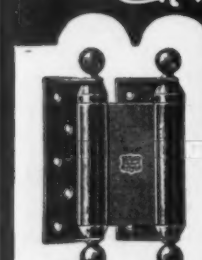
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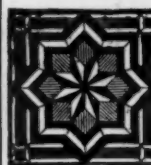
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See last or next issue for the following advertisements:—

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Thiele, E.

ARCHITECTS' REMOVALS, Etc.

HUBERT DROSSER, architect, has removed to 93 Nassau St., Room 406, Bennett Building, New York, N. Y. 1199

WALTER M. CAMPBELL, architectural draughtsman, has removed to 54 Devonshire St., Boston, Mass. 1199

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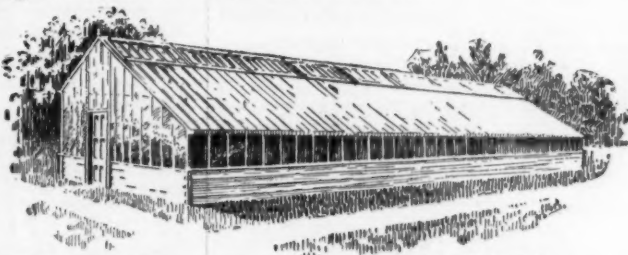
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ARCHITECTS' REMOVALS, ETC.

M. R. THOMAS FRANCIS, architect, Washington, D. C., having withdrawn from the firm of Francis & Schneider, has opened offices in the Corcoran Building, where he will continue the practice of his profession, and would be pleased to receive trade catalogues and manufacturer's samples. 1199

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PARTNERSHIP.—An architect of experience invites correspondence with any one interested in forming a partnership or other arrangement to practise the profession in some good building community. Address "J. C. Moore," Atlantic Highlands, N. J. 1199

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March 28, " 796, "
May 2, " 801, "
June 13, " 807, "
October 3, " 823, "

Address American Architect, 211 Tremont St., Boston.

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.]

615,241. STEAM-BOILER.—Foster F. Birch, Dover, N. J.

615,318. DOOR.—Benjamin A. Stevens, Toledo, O.

615,352. COMPOSITION FLOORING.—Hugo Gallowsky, St. Louis, Mo.

615,362. SAFETY-LIFT.—Marwood J. Oliver, St. Tudy, Eng.

615,364. STAGING-HORSE.—William Porten, St. Paul, Minn.

615,365. ELECTRICAL APPLIANCE FOR ELEVATORS.—James H. Roberts, Grand Rapids, Mich.

615,396. BALL-COCK.—Thos. R. Gleason, Duluth, Minn.

615,387. SET WASHBASIN.—John W. Grantland, Philadelphia, Pa.

615,449. METALLIC SHEATHING.—Thomas F. Hagerly, San Francisco, Cal.

615,464. FLEXIBLE DOOR.—Algenon S. Spaulding, Bloomsburg, Pa.

615,468. HAND-BASIN OR SINK.—James J. Wade, Chicago, Ill.

615,492. DOOR-HANGER.—Kistel Osel, St. Paul, Minn.

615,499. CONVERTIBLE WASH AND BATH TUB.—August Schmid, New York, N. Y.

615,503. SAFE OR VAULT.—Edward C. Shankland, Chicago, Ill.

615,515. TILE AND TILE-SETTING.—Charles C. Alexander, Bayonne, N. J.

615,542. WEATHER-STRIP.—Louie Ender, Litchfield, Minn.

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615,605. MEANS FOR RAISING OR LOWERING DOOR OR LIKE CURTAINS OR SCREENS.—Wm. Brecknell, West Hartlepool, Eng.

615,619. ELEVATOR.—Gustav Holly, Narka, Kan.

615,622. VALVE FOR WATER-CLOSETS.—David T. Kenney, North Plainfield, N. J.

615,634. CONSTRUCTION OF FLOORS OR SIMILAR STRUCTURES.—Edward L. Pease, Hurworth-upon-Tees, Eng.

615,641. CEILING OR FLOOR PLATE.—Lyman H. Snyder, Bristol, Conn.

615,654. LOCK-HINGE.—Michael C. Mulcahy, Cohasset, 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.

Amherst, Mass.—Report states that a new high-school building will be erected here.

Ann Arbor, Mich.—Report states that a new building will be erected by the Homeopathic Medical Hospital.

Atlantic City, N. J.—Plans have been prepared by Harvey J. Shumway, Law Building, for an addition to be built to the Hotel Astoria. The building will be constructed of stone and granite, and will cost \$50,000.

Boston, Mass.—It is stated that the plans of Charles F. McKim, 160 Fifth Ave., New York City, have been provisionally accepted for the new Music Hall; probable cost, \$300,000.

Brooklyn, N. Y.—H. B. Brewster, 45 Exchange Pl., has prepared plans for the new church to be erected on Greene Ave., for the Greene Ave. Baptist Church Society, at a cost of \$50,000. Work will begin shortly.

The St. James Protestant Episcopal Church Society is said to be considering the erect on of a new church to cost in the neighborhood of \$100,000.

Chattanooga, Tenn.—The Park Woolen Mills Company will erect a large factory.

Chicago, Ill.—Armour & Co. have decided to erect a large warehouse at the Union Stock Yards. It will have seven stories, will be built of brick and steel with slate roof, and will cost \$35,000.

Cleveland, O.—It is stated that Architect Henry Forster, 137 Wade Park Ave., has prepared plans for 40 frame residences for Forester & Heriz, 1332 Superior St., to be 28' x 40', two and one-half stories, have slate roofs; cost, \$72,000.

Report states that Architects F. S. Barnum & Co., 1303 New England Building, have prepared plans for two frame residences for George L. Case, Society of Savings Building. To be 36' x 54', three stories high; cost, \$17,000.

Delaware, O.—It is said that the late Phineas P. Mast, of Springfield, bequeathed \$100,000 to the Ohio Wesleyan University for a library building, to be erected on the college grounds.

Detroit, Mich.—Spiteley Bros. have been awarded the contract for the erection of the G. A. R. Memorial Hall and City Market, at their bid of \$39,000.

Fall River, Mass.—It is stated that Mr. Jas. Marshall, owner of the Marshall Hat Factory, will erect a new plant. It will consist of two buildings, a one-story wooden building, 85' x 165', and a four-story brick building, 86' x 210'.

Farmington, Conn.—Plans have been prepared

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

by McKim, Mead & White, 160 Fifth Ave., for a \$50,000 dwelling for A. A. Pope of Cleveland, O.

Greensburg, Ind.—The Grand Lodge, I. O. O. F., it is stated, will erect three large buildings, to cost between \$50,000 and \$100,000, for the indigent wives, widows and orphans of Odd Fellows.

Jersey City, N. J.—Report states that the Rev. Father J. C. MacEriane, pastor of St. Bernard's Church, has purchased a site on Jersey City Heights for the erection of a sanitarium for the cure of drunkenness. Work on the building, which is to cost \$75,000, will be begun early next spring.

Lenox, Mass.—It is stated that Charles Lanier, of the banking firm of Winslow, Lanier Co., of New York, who owns a fine country place here, will build for Trinity Church an addition in memory of his wife, who died last April. The addition will be of gray stone, and will cost about \$15,000. The building will be used for the vested boy choir.

Litchfield, Ill.—The First Christian Church Society have decided to rebuild the church, making a modern structure of the old building.

Madison, Wis.—Louis M. Hobbins has been awarded the contract for the erection of a store-building for Olson & Veerhussen; cost, \$20,000.

Muscatine, Ia.—Magoon & Kincaid, of this city, have received the contract for a depot for the Muscatine North & South Railway Co.; cost, \$25,000.

New York, N. Y.—It is stated that the trustees of Columbia University have decided to build dormitories on Morningside Heights. Four buildings will be erected. They will accommodate in all about 460 students, and will cost, it is estimated, about \$750,000.

Messrs. Laurowitz & Fine, 396 Broome St., who purchased the property on the corner of Hancock and W. Houston Sts., are having the old buildings torn down and will erect a six-story brick and stone store building and flats. The owners are open for bids on material.

Philadelphia, Pa.—It is stated that the contract for the new Elkins station, which is to be erected midway between the present Ashbourne and Ogontz stations, on the North Penn branch of the Reading Railway, has been awarded to Chas. McCaul. The plans for the new structure, which were made by Architects Cope & Stewardson, show that it will be both commodious and handsome. It will have a large waiting-room, with a circular bay-window and open fireplace; will be fitted up with all the modern conveniences, and will be heated by steam and lighted by electricity. There are also a retiring room and express and baggage rooms. On the opposite side of the track there will be a large enclosed waiting-room. The station will be built of local stone, with Indiana limestone trimmings, and will have a red tile roof. It will cost when completed about \$25,000.

A bazaar will be held December 15th in the First Regiment Armory, its object being to secure funds for the erection of an armory for the Twentieth Regiment.

A fund of \$300,000 is being raised by friends of the University of Pennsylvania for the erection of a building and the establishment of a pharmacological, a physiological and a pathological laboratory.

Wm. G. Price, Jr., will put up 28 two-story brick dwellings, each 16' x 44', on both sides of Aberdeen St., above Jefferson St., at a cost of \$70,000. Work will begin at once.

George Ruhland is to erect 50 two-story eight-room dwellings on Race, Vine, Wanamaker and Hobart Sts.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Rockport, Mass.—It has been stated that a syndicate is being formed to build a hotel on Emerson's Point, near this place. Plans have been prepared by Cabot, Everett & Mead for a large Colonial structure, three stories, pitch roof, containing 100 guest rooms, each having a private bath.

Saratoga Springs, N. Y.—Henry M. Livingston, of this place, has offered to give \$25,000 for a Young Men's Christian Association building, provided an equal amount is raised by the association.

Wellesley, Mass.—A gift of \$50,000 has been made to Wellesley College by a resident. It is not yet decided what use to make of the sum, but the college stands most in need of new dormitories, a library and a gymnasium.

West Somerville, Mass.—A new station will be built in the spring by the Boston & Maine Railroad.

Westerly, R. I.—A two-and-one-half story summer residence is to be built for Thos. Thacher, 10 Wall St., New York; cost, \$7,000.

Williamstown, Mass.—It is announced that a building will soon be erected on the Williams College campus for the Y. M. C. A. It will be of pressed-brick, 50' x 100', three stories in height, and will cost about \$30,000.

Wilmington, Del.—Plans have been made for the erection of a six-story building on the site of the Gilpin property at 10th and Market Sts., for Peter J. Ford.

A large store, six stories in height, will be erected by M. Megary & Son, on the corner of 6th and Orange Sts.

ALTERATIONS AND ADDITIONS.

Chicago, Ill.—Superior and Townsend Sts., one-story bk. addition to factory, 130' x 240'; \$15,000; o., Chicago Gas, Light & Coke Co.; a., Minard L. Beers, 218 La Salle St.

Colorado Springs, Col.—Four-story & base, bk. & st. addition, to hotel, gravel roof, steam; \$25,000; o., Alta Vista Hotel; a., Thos. P. Barber, 74 Bank Building.

Philadelphia, Pa.—Addition to coal-shed at the Point Breese Gas Works, 128' x 213'; \$40,000; o., United Gas Improvement Co.; a., Lewis Havens.

Wissahickon Heights, Pa.—Willow Grove Ave. and St. Martin's Lane, addition of stone Baptistery to the Church of St. Martin's-in-the-Fields, 11' x 16' x 22'; \$5,000; c., Wm. Gray & Sons, Philadelphia.

APARTMENT-HOUSES.

Chicago, Ill.—Fifty-first St. Boulevard and Washington Ave., four-story apart., 100' x 137'; \$65,000; o., E. H. Salesbury; a., Wilson & Marshall.

Prairie Ave., nr. 62d St., three-story & base, st. apart., 74' x 75', comp. roof, steam; \$15,000; o., Mrs. M. C. Benton; a., S. Linderoth & Co.

Sixty-first St., Nos. 711-13, three-story bk. apart., 47' x 88'; \$20,000; o., John P. Molin; a., Wendel & Pease; b., C. W. Larson.

Detroit, Mich.—Frederick St., four-story bk. & st. apart., 43' x 85', comp. roof, steam; \$30,000; a., S. C. Falkenburg, 903 Hammond Building.

Newton, Mass.—Bacon St., Ward 7, two-story apart., 36' x 40', furnace; \$4,000; o., Miss S. M. Duncklee; b., J. G. Kempton.

New York, N. Y.—W. Houston St., nr. Hancock St., 3 six-story bk. stores & flats, 28' x 86'; \$28,000.

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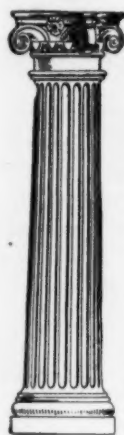
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(Apartment-Houses Continued.)

each; o., Lanowitz & Fine, 307 E. 74th St.; a., G. Fred Pelham, 503 Fifth Ave.

Third Ave., nr. 171st St., 4 four-st'y bk. flats, 25' x 10' 6"; \$88,000; o., Emil Goldner, 5 Teasdale Pl.; a., Rudolph Werner, 7 Teasdale Pl.

Washington Ave., cor. Wendover Ave., five-st'y bk. flat, 25' x 89'; \$28,000. 3 four-st'y bk. flats, 25' x 69', 25' x 71' & 25' x 89'; \$15,000 each; 2 four-st'y bk. flats, 25' x 102' 9"; \$20,000 each; o., Emil Goldner, 5 Teasdale Pl.; a., Rudolph Werner, 7 Teasdale Pl.

Brook Ave., nr. 168th St., four-st'y bk. flat, 25' x 75'; \$15,000; o., Denn's Farrell, 41 51 W. 62d St.; a., W. C. Dickerson, 149th St. & 3d Ave.

One Hundred and Thirty-ninth St., nr. St. Ann's Ave., 8 four-st'y bk. flats, 25' x 75'; \$120,000; o., Lottie Ratner, Belmont St. & Thairford Ave., Brooklyn; a., M. Bernstein, 145 Centre St.

One Hundred and Thirty-fifth St., nr. Brook Ave., 6 four-st'y bk. flats, 27' x 27' 4" x 85'; \$25,000 each; o., Chas. Wahlig, 678 E. 134th St.; a., Edw. Wenz, 237 Third Ave.

One Hundred and Twenty-second St., cor. Hamilton Terrace, 3 five-st'y bk. & st. stores & flats, 25' x 67' & 40' x 85'; \$150,000; o., Chas. F. Rogers, 1663 Amsterdam Ave.; a., Neville & Bagge, 217 W. 125th St.

Cherry St., Nos. 408-418, 4 six-st'y bk., st. & terra-cotta flats, 27' x 85' 2"; \$100,000; o., Mr. Goodman, 233 E. 50th St.; a., M. Bernstein, 145 Centre St.

Boulevard, cor. 99th St., 2 seven-st'y bk. & st. aparts.; \$175,000; o., Wm. Mortimer Hyne & Co., 803 Boulevard, New York City, & 54 Degraw St., Brooklyn; a., Neville & Bagge, 217 W. 125th St.; b., James F. Forner, 1985 Seventh Ave.

One Hundred and Fifty-fifth St., nr. Courtland Ave., 2 five-st'y bk. & st. flats, 25' x 70'; \$28,000; o., Schmuck & Montag, 2577 Third Ave.; a., Edw. Wenz, 1491 Third Ave.

Weiker Pl., n e & s e cor. Washington Ave., bet. 164th & 165th Sts., 3 five-st'y bk. & limestone flats, 25' x 76' & 25' x 95'; corners, \$25,000 each and inside houses \$18,000 each; o., a. & b., Lorenz F. J. Welher, Jr., Mount Morris Bank Building.

Eighty-first St., cor. 3d Ave., six-st'y buff-bk. & limestone flats & stores, 52' x 93' 6"; \$100,000; o., a. & b., Lorenz F. J. Welher, Jr., Mount Morris Bank Building.

Forest Ave., n w cor. 163d St., 3 four-st'y bk. flats & stores, 27' x 68' & 27' x 58'; \$50,000; o., Ellen Mulholland, Long Branch, N. J.; a., Lawrence & Ringrose, Metropolis Building, 142d St. & 3d Ave.

Ninety-fifth St., nr. Boulevard, seven-st'y bk. &

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

st. apart., 50' x 90', steam; \$90,000; o., Mrs. Kate C. Brown, 60 Liberty St.; a., C. Steinmetz.

Ninety-second St., nr. Boulevard, six-st'y bk. & st. apart., 50' x 87' 10", hot water; \$75,000; o., Emilio Vignio, 338 E. 114th St.; a., Neville & Bagge, 217 W. 125th St.

St. Louis, Mo. — Lucile and Whittier Sts., two-st'y bk. apart., 25' x 52', comp. roof; \$25,000; a., M. T. O. Allard; 313 Chestnut St.

EDUCATIONAL.

Boston, Mass. — Thomas Park, Ward 14, three-st'y school, 132' x 197' x 216', pitch & flat roof, steam; \$200,000; o., City of Boston; a., Hubert D. Hale; b., J. S. Jacobs & Son, Herald Building.

Spring St., nr. Baker St., Ward 23, two-st'y fr. school, 50' x 102', pitch roof, steam; \$25,000; o. & b., City of Boston; a., F. W. Chandler, City Hall.

Joliet, Ill. — Two-st'y st. school, 80' x 82', slate roof, steam; \$25,000; o., Board of Education; a., J. H. Barnes.

Peoria, Ill. — Park and Fourth Sts., two-st'y st. school, 82' x 130', slate roof; \$40,000; o., School Board; a., Richardson & Hotchkiss, 109 S. Jefferson St.

Worcester, Mass. — E. Kendall St., two-st'y bk. school; \$15,000; o., City of Worcester; e., Norwood & Morton; old plans used.

Millbury St., two-st'y bk. school; \$15,000; o., City of Worcester; e., Norwood & Morton; old plans used.

Main St., two-st'y bk. school; \$12,000; o., City of Worcester; o., Henry Meilen & Son; old plans used.

Quinsigamond Village, three-st'y bk. school; \$20,000; o., City of Worcester; a., Fuller, Delano & Frost; no contracts let.

FACTORIES.

Peoria, Ill. — Five-st'y bk. beet-sugar refinery, gravel & corrugated-iron roof; \$350,000; o., Illinois Sugar Refining Co.; a., H. T. Vul. Fuchman.

Philadelphia, Pa. — Tenth and Spring Sts., five-st'y bk. store & factory, 20' x 100'; \$20,000; o., Geo. B. Evans; e., Chas. McCaul.

HOSPITALS.

Boston, Mass. — Bennett St., cor. Ash St., Ward 7, three-st'y bk. hospital, 54' x 66' x 68', pitch roof, steam; \$50,000; o., Boston Dispensary; a., Peters & Rice; b., M. B. Gilbreth, 85 Water St.

BUILDING INTELLIGENCE.

HOTELS.

Kankakee, Ill. — Three-st'y & base, bk. & st. hotel & stores, 85' x 100' & 24' x 60', comp. roof, steam; \$40,000; o., Timothy Fortin; a., J. T. Fortin, 7 Blue Island Ave., Chicago.

HOUSES.

Boston, Mass. — Hartwell St., nr. Cheney St., Ward 21, two 2½-st'y fr. dwells., 27' x 54', pitch roof, furnaces; \$12,000; o., a. & b., A. C. Chisholm, 100 Devon St.

Bloomfield St., nr. Greenbriar St., Ward 20, 2½-st'y fr. dwell., 34' x 44', pitch roof, hot water; \$4,000; o. & b., L. Chadbourne; a., C. A. Russell, 46 Warren St., Roxbury District.

Frankfort St., cor. Neptune Ave., Ward 1, two-st'y fr. dwell., 23' x 62', flat r. of, stoves; \$4,000; o. & b., Frank Finn, 150 London St., E. Boston; a., F. W. Lavers.

Adams St., nr. Park St., Ward 24, 2½-st'y fr. dwell., 26' x 53', flat roof, stoves; \$4,000; o. & b., Ellen E. Willard; a., E. J. Lewis, Jr., 9 Park St.; b., T. J. Farquharson.

Orleans St., cor. Neptune Ave., Ward 7, two-st'y fr. dwell., 23' x 62', flat roof, stoves; \$4,000; o. & b., Frank Finn, 150 London St., E. Boston; a., F. W. Lavers.

Neptune Ave., Ward 1, 5 two-st'y fr. dwells., 23' x 62', flat roofs, stoves; \$20,000; o., Frank Finn, 150 London St., E. Boston; a., F. W. Lavers.

Poplar St., nr. Heathcote St., Ward 23, 2½-st'y fr. dwell., 26' x 30', pitch roof, stoves; \$2,500; o., Annie E. Warner; a. & b., W. H. Warner, Roslin-dale.

Lindsey St., No. 45, Ward 20, 2½-st'y fr. dwell., 32' x 43', pitch roof, furnace; \$5,000; o., Flora A. Rice; a., W. H. Brainerd; b., H. J. Rice, 118 Tonawanda St.

W. Selden St., No. 98, Ward 24, two-st'y fr. dwell., 24' x 28', pitch roof, furnace; \$3,500; o., a. & b., Jas. McCarron, 61 W. Selden St., Dorchester District.

Esmond St., nr. Charlotte St., Ward 20, 2½-st'y fr. dwell., 40' x 40' 6" x 62', pitch roof, hot water; \$6,000; o., Dr. Thos. J. King; a., G. A. Fuller; b., Whidden & Co., Milk St.

R St., No. 273, Ward 15, three-st'y fr. dwell. & store, 13' x 22' x 50', flat roof, toves; \$5,000; o., Jacob H. Goodman; a., F. A. Norcross, 110 Tremont St.

Barry St., No. 45, Ward 20, 2½-st'y fr. dwell., 26' x 40', pitch roof, furnace; \$4,500; o. & b., John J. Finnigan, Box 19, S. Boston; a., G. L. Cook.

Pinckney St., Nos. 15-15A, Ward 11, three-st'y bk.

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Forest Park Boulevard, nr. Spring St., 2 two-st'y
bk. dwells., 37' x 55'; \$10,000; o., Frederick C.
Jaensch, 2818 Salena St.; a., John Davies.
Lindell St., nr. Lake St., two-st'y fr. dwell., 56' x
68'; \$22,000; o., Robert S. Brookings; b., Goessle &
Remmers Bldg. & Const. Co.; a., Eames & Young.
Westminster Pl., three-st'y bk. dwell., 50' x 65',
slate roof, steam; \$25,000; o., P. B. Little; a., Bar-
nett, Haynes & Barnett, 418 Olive St.
Botanical Ave., nr. Spring Ave., two-st'y bk.
dwell., 25' x 36', slate roof, furnace; \$5,000; o. & a.,
C. O. Mersereau, 3830 Shenandoah St.

LIBRARIES.

Cincinnati, O.—Two-st'y bk. & st. library, 70' x 80',
asphalt roof, steam; \$60,000; o., University of Cin-
cinnati; a., Samuel Hannaford & Sons, Hulbert
Block.

MERCANTILE BUILDINGS.

St. Louis, Mo.—Washington Ave. and Tenth St.,
seven-st'y bk. & st. business-building, 85' x 150',
comp. roof, steam; \$145,000; o., John S. Sullivan;
a., Isaac S. Taylor, Columbia Building.

OFFICE-BUILDINGS.

San Antonio, Tex.—Commerce and Navarro Sts.,
five-st'y bk. fireproof bank & office building; \$40-
000; o., San Antonio Loan & Trust Co.; a., Alfred
Giles.

STABLES.

Boston, Mass.—Kemble St., nr. Gerard St., Ward
17, two-st'y bk. stable, 40' x 50', flat roof, stoves;
\$2,500; o., Lina M. Keefe; b., John T. Keefe, 267
Columbus Ave.

Massachusetts Ave., No. 1176, Ward 17, two-st'y
fr. stable, 16' x 17', pitch roof; \$200; o., Mrs. M. A.
Hayes, on premises; b., M. Williams.

Brookline, Mass.—York Terrace, 14-st'y stable;
\$2,000; o., C. F. O'Driscoll; b., J. J. O'Driscoll.

Chicago, Ill.—Ellis Ave., No. 4523, two-st'y bk. barn,
20' x 35'; \$1,500; o., R. G. Sykes; b., W. Ritchie.
Sheridan Drive, No. 3031, one-st'y bk. stable, 36'
x 49'; \$12,000; o., A. L. Dewar; a., G. W. Maher; b.,
Foss Co.

Trumbull Ave., No. 713, two-st'y bk. barn, 25' x
35'; \$1,200; o., M. Coffey; b., F. C. Thayer & Bro.
S. Troy St., No. 463, two-st'y bk. barn, 16' x 28';
\$1,100; o., P. Linblad; b., James Todd; a., Wilson
& Marshall.

Newport, R. I.—Ruggles and Carroll Aves., two-
st'y fr. private stable; \$2,000; o., Wm. H. Scott, 111
Broadway, New York City; a., J. D. Johnson.

New York, N. Y.—Park Ave., nr. 181st St., one-st'y
fr. stable & shed, 16' x 85', gravel roof; \$800; o.,
Wm. R. Miller, 2132 Park Ave.; a., Chris F. Lohse,
906 Westchester Ave.

W. Forty-fifth St., No. 134, two-st'y bk. stable, 17'
6" x 65'; \$15,000; o., Wm. E. Finn, 1994 Madison
Ave.; a., Louis Korn, 37 Maiden Lane.

Boone Ave., nr. Jennings St., two-st'y fr. stable,
25' x 35'; \$1,500; o., Anna Hanson, West Farms
Road & Main St.; a., Niels Toelberg, Home St. &
Southern Boulevard.

Ninety-fifth St., nr. Amsterdam Ave., two-st'y bk.
& st. stable, to contain 17 stalls and also living-
rooms for stablemen; \$12,000; o., A. S. & I. Bloch,
462 Columbus Ave.; a., Buchman & Deisler, 11 E.
59th St.

Somerville, Mass.—Pearl St., No. 159, two-st'y
stable, 46' x 53', flat roof, hot water; \$3,000; o., C.
G. Boss; b., J. M. Andrews & Son, 172 Broadway.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Fifth Ave., nr. 51st St., three-
st'y bk. store & tenement, 18' x 56'; \$7,500; o. & b.,
Frank Gelston, 166 Fifty-second St.; a., T. Bennett,
198 Fifty-third St.

Fifth Ave., nr. 51st St., 2 three-st'y bk. stores &
tenements, 26' x 56'; total cost, \$19,000; o., Frank
Gelston; a. & b., T. Bennett.

Fifth Ave., cor. 51st St., three-st'y bk. store &
tenement, 27' x 75'; \$10,500; o., Frank Gelston; a.
T. Bennett.

St. John's Pl., nr. Classon Ave., 2 four-st'y bk.
flats, 25' x 57'; total cost, \$11,000; o. & a., Daniel
McNamee, 774 Classon Ave.

Monroe St., nr. Patchen Ave., 2 three-st'y bk.
tenements, 18' x 76'; total cost, \$15,000; o. & b.,
Adam Metz and John Merch, 927 Broadway; a.,
Hugo Smith, 836 Broadway.

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(Houses Continued.)

dwell., 24' x 80', flat roof, stoves; \$20,000; o., C. S.
Roberts; a., C. W. Cutter; b., J. J. & T. F. Mack,
Salem.

Orchard Pl., Nos. 1-3, Ward 16, 2 three-st'y bk.
dwells., 19' x 46', flat roofs, stoves; \$11,000; o., a.
& b., T. & W. H. Cavanagh, 473 Dorchester Ave.

Revere St., No. 51, Ward 11, three-st'y bk. dwell.,
16' x 55', flat roof, stoves; \$5,000; o. & b., I. & P.
Silberstein, 34 Wall St.; a., F. A. Norcross.

Alpha Road, No. 7, Ward 25, 2-st'y fr. dwell., 32'
x 36', pitch roof, furnace; \$5,000; o., a. & b., J. M.
E. Morrill, 148 Centre St., Dorchester District.

Brooklyn, N. Y.—Avenue I, cor. E. 39th St., two-st'y
& attic fr. dwell., 26' x 39' 6", shingle roof; \$5,000;
o., W. R. Scott, 1817 Madison Ave., New York; a.,
A. W. Pierce, 1127 Flatbush Ave.

Lincoln Road, nr. Bedford Ave., two-st'y & base.
bk. dwell., 20' x 45'; \$6,500; o. & b., Wm. F. Shafter,
30 Irving Pl.; a., A. E. White, 711 Union St.

Beach Forty-sixth St., nr. Atlantic Ave., two 2-
st'y fr. dwells., 27' x 41', shingle roof; total cost,
\$9,000; o., Julia M. Meyers, Sea Gate; a., Constable
Bros., 22 E. 16th St., New York.

Twenty-second Ave., cor. 81st St., 2-st'y fr. dwell.,
36' 8" x 42', shingle roof; \$5,000; o., Thomas R.
Keator, on premises; a., J. J. Pettit, 186 Remsen St.

Cartersville, Mo.—Two-st'y fr. & st. dwell., 52' x
60', shingle roof, hot water; \$5,000; o., W. G. Bry-
ant; a., A. Ehlers, Carthage.

Chicago, Ill.—Forty-eighth Pl., nr. Grand Boule-
vard, 2 two-st'y bk. & st. dwells., 18' x 60', comp.
roof, steam; \$10,000; a., Church & Johnson, 1234 Mar-
quette Building.

Monroe St., Nos. 1640-51, 7 two-st'y bk. dwells.,
22' x 51'; \$56,000; o., Anna S. Anderson; a., Paul
Hanson; b., C. Rasmussen.

Detroit, Mich.—Duffield St., two-st'y bk. dwell.,
35' x 48', slate roof, furnace; \$5,000; o., James
Buchanan, 214 Wabash Ave.

Elizabeth, N. J.—Third and Court Sts., three-st'y
bk. café & dwell.; \$9,000; o., Chas. Friedrich; a.,
Jesse A. Oakley & Son.

Evanston, Ill.—Two-st'y & base. fr. & st. dwell.,
46' x 66', shingle roof, hot water; \$15,000; o., David
R. Forgan, Union National Bank; a., H. B. Whee-
lock, 226 La Salle St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Hartford, Conn.—Lorraine St., 2-st'y fr. dwell.,
34' x 81'; \$10,000; o., John K. Williams; a., E. G.
W. Dietrich, 15 W. 28th St., New York City.

Newton, Mass.—Austin St., Ward 2, 2 two-st'y fr.
dwells., 26' x 36', furnaces; \$6,400; o., Mrs. M. L.
Raib; b., W. Kellar.

Ballard St., Ward 6, two-st'y fr. dwell., 36' x 41',
furnace; \$7,000; o., H. W. Mason; b., F. W. Stevens.

Boylston Road, Ward 5, two-st'y dwell., 27' x 37',
furnace; \$3,500; o., Daniel McFarlin; b., F. W.
Stevens.

New York, N. Y.—Washington Ave., cor. 181st St.,
three-st'y fr. dwell. & store, 24' x 87'; \$6,000; o., M.
J. O'Brien, 2177 Bathgate Ave.

Washington Ave., nr. 181st St., three-st'y fr.
dwell., 20' x 55' 8"; \$4,000; o., M. J. O'Brien, 2177
Bathgate Ave.; a., J. S. Robinson, 2272 Bathgate
Ave.

Philadelphia, Pa.—Two-st'y st. dwell., 16' 3" x 69';
\$7,000; o., J. R. Brooks, 1742 S. 17th St.; a., Wm.
M. Brownstein.

Emerald St., nr. Somerset St., 8 two-st'y bk. & st.
dwells., 15' x 49'; o., David McKibbin; b., H. P.
Schneider.

Somerville, Mass.—Stone Ave., nr. Union Sq., two-
st'y dwell., 36' x 42', hip roof, furnace; \$5,500; o.,
John S. McGowan, 18 Webster Ave.; a., E. A. Snow;
b., H. L. Young.

Stone Ave., nr. Union Sq., two-st'y dwell., 26' x
45', pitch roof, furnace; \$4,300; o., a. & b., Sylvester
Woods, 69 Joy St.

Banks St., nr. Summer St., two-st'y dwell., 25' x
48', pitch roof, furnace; \$4,500; o. & b., O. W. Wat-
son, 39 Burnside Ave.; a., E. Buckley.

St. Louis, Mo.—Cates St., nr. Hamilton St., 2 two-
st'y fr. dwells., 25' x 39'; \$9,600; o., Sophia M.
Crowe; b., Baerveldt Const. Co.; a., Barnett, Haynes
& Barnett.

Lindell St., nr. Lake St., 2-st'y fr. dwell., 60' x
68'; \$28,000; o., B. B. Graham, 3500 Morgan St.; b.,
L. B. McFarland; a., Eames & Young.

Cabanne and Hamilton Aves., three-st'y bk.
dwell., 33' x 54', slate roof, hot air; \$6,000; o., Pat'k
Nolan; a., G. B. Reid, Odd Fellows Building.

Pine St., bet. Euclid & Taylor Aves., 2 two-st'y
dwells., 42' x 52'; \$24,000; o., Rex Realty Co.; a.,
Mathews & Clark.

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BUILDING INTELLIGENCE.
(Tenement-Houses Continued.)

Cincinnati, O.—Dayton and Baymiller Sts., three-st'y bk. flat, 40' x 130', asphalt roof; \$15,000; a., Chas. Crapsey, Wiggins' Block.

New York, N. Y.—Cherry St., Nos. 278-284, 3 six-st'y bk. stores & tenements, 27' 6" x 28' 4" x 40'; \$30,000; o., Jos. W. Kierst, 255 Thirteenth St., Brooklyn; a., Fred T. Camp, 97 Cedar St.

E. Ninth St., No. 318, six-st'y bk. stores & flats, 25' x 78' 2"; \$20,000; o., August Raff, 52 W. 120th St.; a., Kurtzer & Kohl, 3d Ave. & 7th St.

E. Third St., Nos. 349-351 St., 2 five-st'y & base. bk. tenements, 20' x 80' 6"; \$36,000; o., Lena & Sarah Michelson, 130 Avenue D; a., Horenburger & Straub, 122 Bowery.

One Hundred and Twenty-third St., nr. 2d Ave., seven-st'y bk. tenement, 55' x 83' 10"; \$70,000; o., C. B. Drew, 303 E. 123d St.; a., Geo. S. Drew, Jr., 231 W. 125th St.

Madison Ave., cor. 94th St., 2 six-st'y bk. flats, 50'

BUILDING INTELLIGENCE.
(Tenement-Houses Continued.)

& 50' 8 1/2" x 84' 10" & 90'; corner, \$100,000, inside, \$75,000; o., Jas. H. Havens, 791 West End Ave.; a., Neville & Bagge, 217 W. 125th St.

One Hundred and Forty-second St., nr. Brook Ave., five-st'y bk. flat, 25' x 82'; \$22,000; o., Max Walther, 796 E. 142d St.; a., Harry T. Howell, 748 E. 138th St.

One Hundred and Sixtieth St., nr. Courtlandt Ave., 2 four-st'y bk. flats, 25' x 60' 6"; \$30,000; o., Margaret Redican, 1829 Lexington Ave.; a., Ward Cunningham, 505 W. 125th St.

Hester St., Nos. 5-7, 2 six-st'y bk. & st. stores & tenements, 50' x 88'; \$46,000; o. & b., Fay & Stacom, 233 Grand St.; a., Charles Rentz, 153 Fourth Ave.

E. One Hundred and Seventeenth St., No. 174, five-st'y bk. & st. store & tenements, 25' x 87'; \$22,000; o., Michael Caffery, 56 E. 105th St.; a., R. Moeller, 959 E. 165th St.

Cherry St., nr. Corlears St., 3 six-st'y bk. & st.

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tenements, 27' x 40' & 28' x 40'; \$30,000; o., Joseph W. Kierst, 255 Thirteenth Ave., Brooklyn; a., Fred T. Camp, 97 Cedar St.

Rivington St., six-st'y bk. & st. flats, 24' x 85', tin roof; \$27,000; o., Jacob Kassowitz, 45 Avenue A; a., Geo. F. Pelham, 503 Fifth Ave.

Third St., Nos. 349-351, 2 five-st'y & base. bk. & st. terra-cotta flats, 20' x 80' 6"; \$36,000; o. & b., L. & S. Michelson, 130 Avenue D; a., Horenburger & Straub, 122 Bowery.

St. Mark's Pl., No. 64, six-st'y bk. & st. store & flat, 25' x 84', tin roof, steam; \$28,000; o., Julius Dreyfus, 531 Broadway; a., George F. Pelham, 503 Fifth Ave.

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Brooklyn, N. Y.—*Fulton St.*, nr. Flatbush Ave., bk. & st. theatre; \$75,000; o., Percy Williams, Bergen Beach; a., J. B. McElfrick & Son, 1042 Broadway, New York City.

Cincinnati, O.—*Academy, Vine and Southern Aves.*, two-st'y fr. hall, 280' x 315', comp. roof, steam; \$40,000; o., Saengerfest Choral Society; a., S. Hannaford & Son, Hulbert Block.

WAREHOUSES.

Boston, Mass.—*E. First St.*, cor. O St., Ward 14, three-st'y fr. storage-building, 30' x 50', pitch roof; \$1,500; o. & b., Geo. Lawley & Sons, S. Boston.

Chicago, Ill.—*Parkers Ave. and Forty-third St.*, seven-st'y bk. warehouse, 149' x 418'; \$100,000; o. & b., Armour & Co.; a., George H. Kennerly.

MISCELLANEOUS.

New York, N. Y.—*One Hundred and Seventh St.*, nr. Columbus Ave., rear, four-st'y bk. storage, 113' 5" x 58' 3 1/2"; \$60,000; o., Bernheimer & Schmid, Columbus Ave. & 108th St.; a., Louis Oberlin, 15 Whitehall St.

PROPOSALS.

DRAWBRIDGE.

[At Norfolk, Va.]

Sealed proposals will be received up to 12 o'clock noon on Wednesday, December 25, 1898, at the office of the Board of Street Sewer and Drain Commissioners of the City of Norfolk, Va., for the building of a steel highway and drawbridge across Smith's or Glebe Creek from the foot of York Street to the foot of Front Street. W. T. BROOKE, City Engineer. 1199

BUILDING.

[At Liverpool, N. S.]

Bids are wanted December 23 for a public building. E. F. E. ROY, Sec'y Dept. Pub. Wks., Ottawa, Ont. 1199

COURT-HOUSE.

[At Albany, Ore.]

Bids are wanted January 6 for remodelling and improving brick Court-house. FRANK CRABTREE, Co. Clk. 1200

BRIDGE.

[At Quebec, Can.]

Proposals will be received until 12 o'clock January 2 for the construction of a combined railway and highway bridge across the St. Lawrence River, near

PROPOSALS.

this city. ULRIC BARTHE, Secretary Quebec Bridge Co., Limited. 1200

WIRING.

[At Boston, Mass.]

Sealed proposals for extending the Wiring System at the Navy Yard, Boston, Mass., will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 1 o'clock P. M. on Friday, December 23, 1898. MORDECAI T. ENDICOTT, Chief of Bureau. 1199

SCHOOL-HOUSE.

[At Wilmington, Del.]

Bids are wanted January 9 for a High School. WILLIAM TURNER, Chmn. Com. Bd. Education. 1200

SCHOOL-HOUSE.

[At Peoria, Ill.]

Bids are wanted February 1 for a school; cost not to exceed \$40,000. Richardson & Hotchkiss, architects, Dime Savings Bank Building. 1200

BRIDGE.

[At Cathlamet, Wash.]

Proposals will be received until January 1 for constructing a drawbridge. ELMER B. COTWELL, County Auditor. 1200

NOTICE TO CONTRACTORS.

AUDITORIUM.

[At Charleston, S. C.]

The Building Committee for the Auditorium at Charleston, S. C., invite sealed proposals for the erection and completion of the same. Bids will be received at the office of the City Surveyor until 1 o'clock P. M. on December 23, 1898. SAMUEL LAPHAM, Chairman Auditorium Committee of Councils, Charleston, S. C. 1199

DORMITORY.

[At Fort Mojave, Ariz.]

Department of the Interior, office of Indian Affairs, Washington, D. C. Sealed proposals for dormitory building, Fort Mojave, will be received at this office until 1 o'clock P. M. of Thursday, January 5, 1899. W. A. JONES, Commissioner. 1200

PARK.

[At Philadelphia, Pa.]

Bids will be received until January 14 for furnishing plans and developing League Island Park, about 300 acres. A. S. EISENHOWER, Chairman of Bureau of City Properties. 1200

BATH-HOUSE.

[At Albany, N. Y.]

Plans and estimates for a public bath-house are wanted January 3. THOS. J. LANAHAN, Clk. Bd. Contract and Apportionment. 1199

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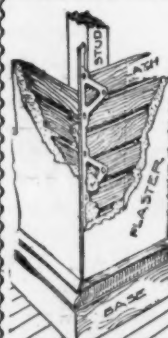
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PROPOSALS.

BRIDGE.

[At Brookhaven, Mass.]

Proposals will be received until January 3 by the Board of Supervisors for constructing a steel bridge across Homochitto River according to plans and specifications. 1199

JAIL.

[At Keyser, W. Va.]

Bids will be received by the County Clerk until February 10 for constructing a new county Jail; cost not to exceed \$10,000. 1199

GAS AND ELECTRIC LIGHT FIXTURES.

[At Washington, D. C.]

Sealed proposals will be received at the Treasury Department, until 2 o'clock P. M., Tuesday, December 27, to manufacture and place in position, in complete working order, in the new U. S. Post-office Building, Washington, D. C., certain combination Gas and Electric Light Fixtures. Specifications and blank forms of proposal can be obtained upon application to the Department. Proposals should be addressed to the Secretary of the Treasury, Washington, D. C., and indorsed "Proposals for Gas-fixtures, Washington, D. C." O. L. SPAULDING, Acting Secretary. 1199

CAPITOL BUILDING.

[At Phoenix, Ariz.]

Sealed proposals will be received until January 10 at the office of the Capitol Grounds and Building Commission, 313 Fleming Block, for the erection of a capitol building, according to plans and specifications prepared by JAMES REILLY GORDON, architect, San Antonio, Tex. 1199

CHURCH.

[At Louisville, Ky.]

Bids will be received until December 20 by J. B. Senior, Secretary Building Committee, corner 12th and Main Sts., for the erection of the new church for the Methodist Episcopal Society, plans for which were prepared by W. K. Brown, 222 W. 4th St., Cincinnati. 1199

HEATING AND VENTILATING.

[At Cleveland, O.]

Bids are wanted December 27 for a ventilating and heating apparatus and one horizontal tubular boiler for the Children's Hospital at City Infirmary. WILLIAM J. AKERS, Dir. of Charities and Correction. 1199

Professional Ethics.

The following . . .



... CODE OF ETHICS ...

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION 14. It is unprofessional to enter into competition with or to consult with an 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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" 1st.....	5 37½ @ 5 50			
Hollow.....	@ 7 00			
Fronts:				
Croton, Brown.....	@ 12 00			
" dark.....	@ 12 00			
" red.....	@ 12 00			
Chicago pressed.....				
" Moulded.....				
Baltimore.....	37 00 @ 41 00			
Philadelphia.....	19 00 @ 21 00			
Trenton.....	17 50 @ 18 50			
Milwaukee.....				
Moulded:				
Red Pressed.....	@ 29 00			
Buff.....	@ 27 00			
Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 110 00			
CEMENT, LIME, etc. (P cask.)				
Rosendale Cement.....	65 @ 75			
Louisville.....				
Utica, Akron, Buffalo, Milw'ke.	Not sold.			
Portland, Eng. (Gibbs).....	2 25 @ 2 50			
" " (K. B. & S.).....	2 50 @ 3 00			
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" " (White's).....	2 65 @ 3 00			
" French (Lafarge).....	3 00 @ 3 75			
" Ger. (Alsen).....	2 90 @ 3 25			
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" " (Dyckerhoff).....	2 75 @ 3 00			
" " (Hanover).....	2 50 @ 3 00			
" " (Stettin, Anchor).....	2 35 @ 2 45			
Roman.....	2 75 @ 3 00			
Keene's coarse.....	4 25 @ 4 75			
" superfine.....	@ 6 50			
Lime:				
Lime of Toll.....	@ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....	St. John			
Wisconsin Lime.....	@ 75			
Rockland and Rockport, (Com.)	@ 85			
Rockland, finish.....	@ 85			
Kelley Island Lime, finish.....	@ 75			
State, Com. cargo rates.....	@ 65			
State, finishing.....	@ 75			
Plaster-of-Paris (calcined).....	1 30 @ 1 45			
" (casting).....	@ 1 00			
Hair (cattle) P bush.....	14 @ 16			
" (Goat).....	18 @ 21			
Sand, P load.....	1 00 @ 1 25			
Domestic Com.				
Domestic Com.....	8 50 @ 9 50			
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Philadelphia.....	18 00 @ 25 00			
Philadelphia.....	35 00 @ 40 00			
Philadelphia.....	10 00 @ 11 00			
Phila. mould				
Phila. mould.....	50 00 @ 80 00			
Enamelled B'k.				
Imported.....	105 00 @ 120 00			
Enam. (edge).....	@ 120 00			
" (edge & end).....	120 00 @ 135 00			
Domestic.				
Enam. (edge).....	90 00 @ 100 00			
" (edge & end).....	110 00 @ 115 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.....	9 00 @ 11 00			
Mold.....	10 00 @ 11 00			
St. Louis Hyd'lo				
Press.....	27 00			
Collinsville, do	22 00			
Findlay, do 22 00				
Chicago, do	16 00 @ 20 00			
Chicago, do	24 00			
Chicago, do Red	24 00			
Roman.....	27 00			
Chicago, do Br'n	27 00			
Roman.....	27 00			
Bushnell Buff	25 00			
Not sold.				
75 @ 1 00				
75 @ 1 00				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
3 75 @ 4 25				
2 90 @ 3 20				
2 60 @ 2 90				
3 10 @ 3 30				
2 75 @ 2 90				
2 85 @ 3 00				
2 75 @ 3 25				
6 00 @ 7 00				
9 00 @ 10 00				
Not sold.				
45 @ 55				
45 @ 55				
Not sold.				
Not sold.				
1 00 bulk, 75c.				
Not sold.				
Not sold.				
1 65 @ 1 75				
1 75 @ 1 90				
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1 00 @ 1 25				
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" @ 17 00				
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11 00 @ 13 00				
Second				
" @ 12 00				
Third				
" @ 10 00				
Dom.				
" @ 65				
" @ 85				
1 30 @ 1 50				
S. H. F's 1 20 @ 1 50				
2 85 @ 3 15				
2 30 @ 2 60				
2 85 @ 3 15				
2 75 @ 2 85				
Bel'g'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.				
Not sold.				
1 50 @ 2 25				
1 75 @ 2 50				
20 @ 20				
30 @ 30				

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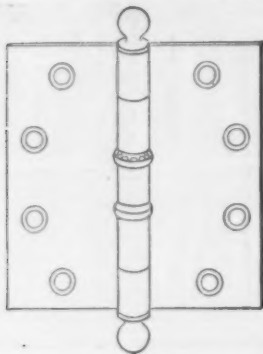
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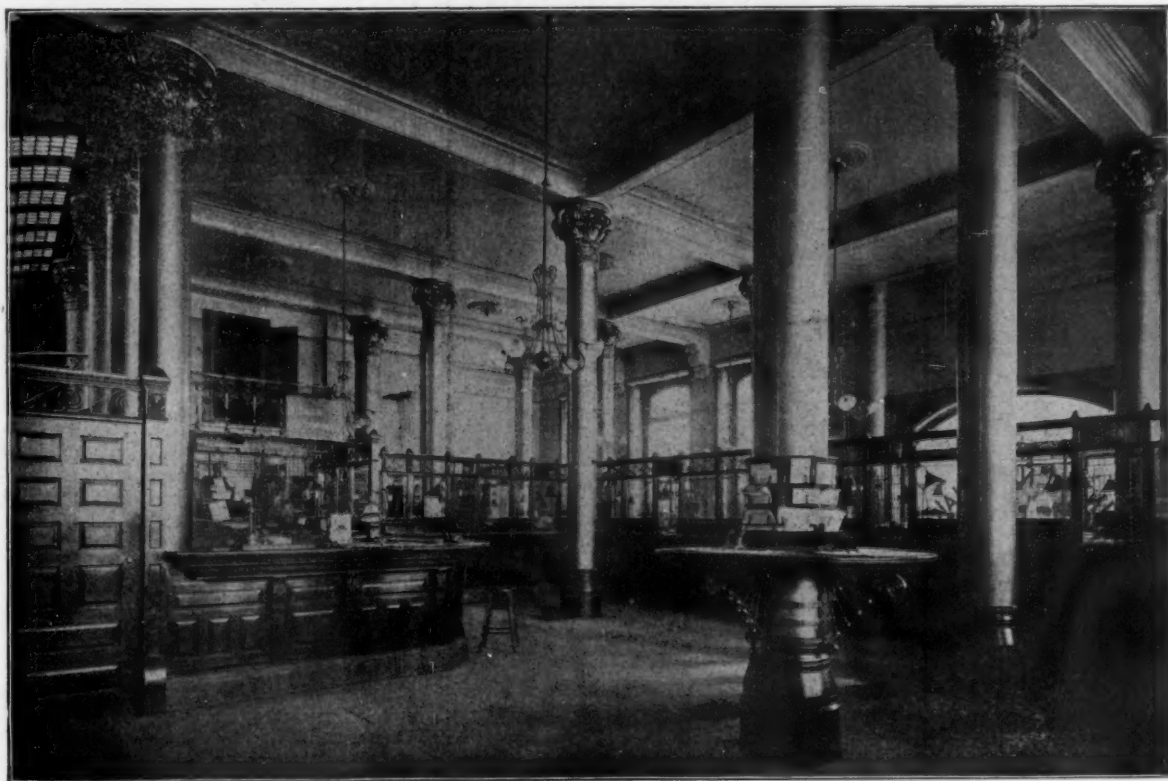
(Prices to Builders and Contractors.)

		5 00 P ton.	30 @ foot	@ 5 00
		4 60 P perch.	10 00 @ cord	Conschocken
		1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Foundation:				
Dimension.....	@			
Block.....	@			
Rubble.....	@			
Sandstone:				
Longmeadow.....	@ 80	80 @ 90		
Kibbe.....	@ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 95	1 00 @ 1 30	1 50 @ cub. ft.	95 @ 1 05
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 55	1 05 @ 1 25
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
Berlin.....	75 @ 1 00	80 @ 90	45 @ 55	55 @ 75
Belleville.....	80 @ 1 25	25 @ 1 35	45 @ 55	85 @ 95
New Brunswick (Dorchester).....	@ 1 00	75 @ 90	Not sold.	1 00 @ 1 10
Potdam Red.....	@ 1 30	@ 1 40	@ 1 25	1 05 @ 1 15
Caen.....	@ 1 05	@ 2 00	@ 1 55	1 00 @ 1 40
Carlisle, English.....	@ 1 05	@ 1 05	@	1 25 @ 1 35
Corse Hill (Scotch).....	@ 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		@	Richmond
Lemont.....			@	75 @ 1 50
Serpentine.....			@	Perch 450 @ 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.....	@	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
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
"	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.....	@	@	Salt-glazed tiles	@ 23 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
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 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	12 00 @ 18 00	Not sold.	15 00 @ 21 50
Hemlock.....	20 @ 14	12 50 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	19 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	26 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	35 00 @ 55 00	25 00 @ 30 00	14 00 @ 25 50
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 16 00	14 00 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 00 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	19 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	@ 1 80	2 00 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	@	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, sawed..... ".....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Rodwood..... P M.....	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30" 535 @ 40
Cedar split..... ".....	@	@ 6 00	Not sold.	24" 8 @ 21
Cedar sawed..... ".....	@	2 00 @ 3 25	2 50 @ 2 90	20" 25 @ 14
Cypress. Split..... 7 x 24 ".....	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

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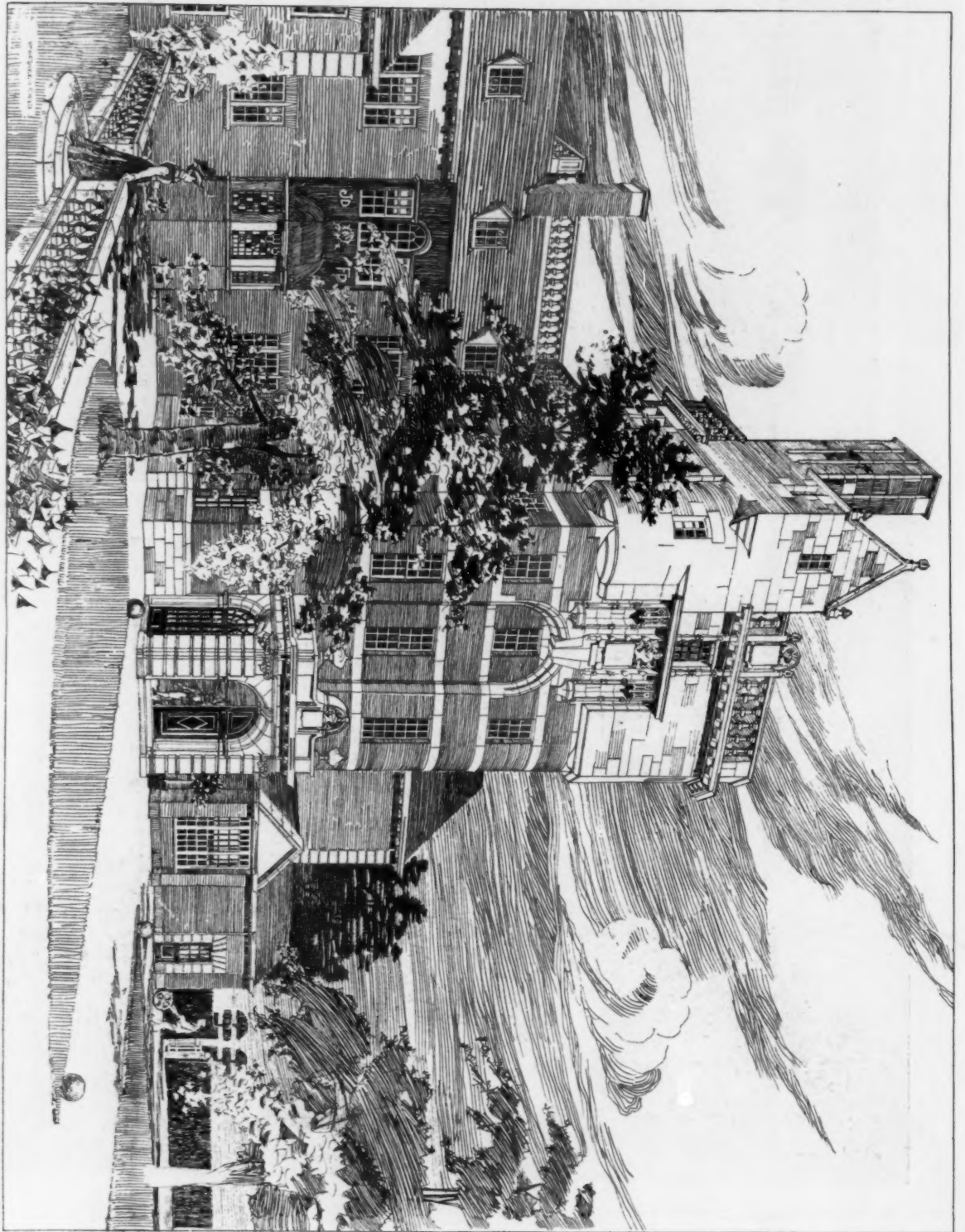
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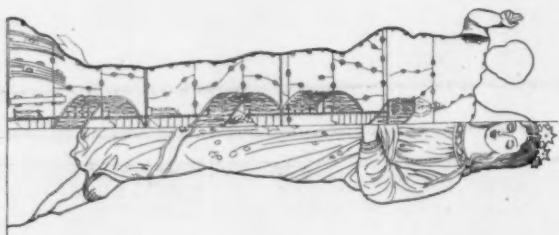
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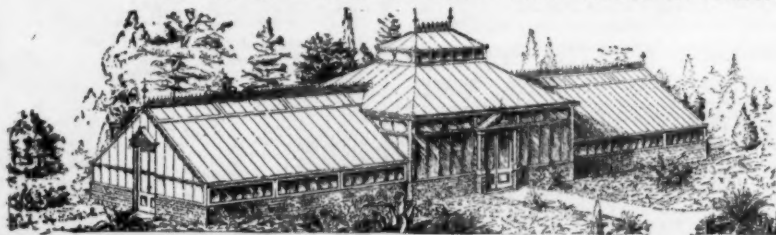
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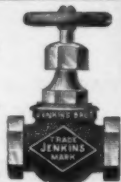
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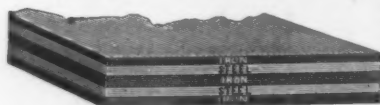
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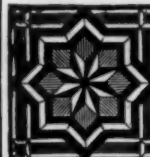
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Darragh, Balkam and Robinson Sts., estimated cost, \$150,000.

Alton, R. I.—The woolen mill of Wm. A. Walton, of Providence, has been destroyed by fire. It will doubtless be rebuilt at once.

Arkadelphia, Ark.—C. L. Thompson, Allis Building, Little Rock, is stated to have prepared plans for a \$30,000 Jail for Clark County.

Atlantic City, N. J.—It is stated that John L. Young and Clarence Busch, of Philadelphia, have had plans drawn for a six-story fireproof hotel, to be erected at Ocean Ave.; estimated cost, \$225,000.

Baltimore, Md.—The City Council has passed an ordinance appropriating \$60,000 for ground and buildings for an infectious-disease hospital.

Boston, Mass.—Peabody & Stearns have prepared plans for an addition to the Hotel Bellevue, to be erected on lots numbered 19-21 Beacon St., adjoining the part of the old hotel numbered 17 on Beacon St. The addition will be ten stories high, and will contain 200 rooms.

The plans of F. A. Norcross, 110 Tremont St., have been accepted for a store and apartment building, to be erected at 121 Chambers St., to cost \$50,000. Louis Seigal is owner.

Calumet, Mich.—It is reported that this village has voted to issue \$20,000 bonds to build an opera-house.

Cambridge, Mass.—James M. Hilton, proprietor of Hilton's dormitory, is to build two frame apartment dwellings at 39 Elliot St., to cost \$5,000 each.

Cambridge, Pa.—R. M. Baird is reported to have accepted plans prepared by Franzheim, Glessey & Faris, of Wheeling, W. Va., for a \$60,000 hotel.

Chester, Pa.—Report states that Seymour Davis, Walnut St., Philadelphia, has prepared plans for the proposed High School; cost, \$125,000.

Chicago, Ill.—It is stated that the owners of the Lincoln Theatre will erect a \$75,000 building. It is stated that Mr. F. G. Logan, a well-known Board of Trade man of this city, has given \$35,000 to the Art Institute for the erection of a library building as an addition to the Institute.

N. S. Crown, 707-85 Dearborn St., has prepared plans for a \$65,000 wholesale building. Henry C. Lytton, proprietor of the "Hub" store, it is reported, intends to erect a ten-story building for his clothing-house on the southeast corner of State and Adams Sts.

Cleveland, O.—The Euclid Ave. Congregational Church is to erect a Sunday-school building to cost about \$30,000.

Denison, Ia.—It is reported that the Northwestern Ry. Co. proposes to build a \$40,000 depot here in the spring.

Des Moines, Ia.—The Adventists of this city are contemplating the establishment of a sanitarium in connection with the church in East Des Moines to cost \$5,000 to \$6,000.

Fall River, Mass.—The contract for building a house and barn at Nannaquaket for Mrs. Haskell, of New Bedford, has been awarded to Jas. Taylor of this city; cost, \$12,000.

Greenwich, Conn.—Henry G. Pelton, 1135 Broadway, New York City, has drawn plans for a dwelling to be erected here for George McNall; cost, \$15,000.

Kankakee, Ill.—Report states that plans are being prepared by J. T. Fortin, New Era Building, Chicago, for a \$40,000 hotel.

Lebanon, Ind.—The Commissioners of Boone County have the matter of erecting a \$150,000 Court-house under consideration.

Lowville, N. Y.—A \$15,000 Town-hall is contemplated.

Marshall, Tex.—Report states that C. J. Randall, of Shreveport, La., will erect a \$40,000 hotel at Ninon Springs.

Miami, O.—Report states that the Toledo, Maumee Valley & Perryburg Electric Railway Company of Toledo, O., are having plans prepared for a large power-house, to cost \$40,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Minneapolis, Minn.—J. K. Taylor, supervising architect at Washington, has prepared sketches for the addition to the Post-office building. It will be 30' x 137', one story and basement.

New Haven, Conn.—It is reported that a \$50,000 addition will be erected to the Garde Hotel. W. H. Garde, proprietor.

New York, N. Y.—The Board of Estimates and Apportionment have authorized the issue of \$605,903 of bonds for the erection of schools and the purchase of sites. A school is to be built on 104th St., between 1st and 2d Aves., to cost \$296,444; another in Hubert St., to cost \$193,931, and \$61,327 is to be spent for additions to school No. 98. The mayor has announced that this work is to be begun at once.

It is reported that Schickel & Dittmars, 111 Fifth Ave., have prepared plans for the new orphan asylum to be erected at Kingsbridge Road and Sedgwick Ave. The new building will cost about \$1,000,000.

Northampton, Mass.—It is reported that Jos. Hebert has been awarded the contract for building the Capen School gymnasium. The building will cost \$25,000.

Gardner, Pyne & Gardner have prepared plans for a \$25,000 brick addition to the insane asylum. It will be five stories high.

Omaha, Neb.—The Metz Bros. Brewing Co. will erect a brewery in the spring, to cost \$225,000.

Philadelphia, Pa.—Plans are being drawn for an addition to the Rush Hospital for Consumptives at 33d St. and Lancaster Ave. It will cost about \$30,000.

Pittsburgh, Pa.—It is stated that Wm. McBroom, proprietor of the Garfield House, will erect a new hotel at 8th Ave. and Ann St. It will be three stories high and will cost \$20,000.

It is reported that plans are being prepared by Charles Bickel, 524 Penn Ave., for a fourteen-story office-building to be erected on Smithfield St.; probable cost, \$750,000.

Quincy, Ill.—The White Lime & Cement Co. will build a two-story warehouse and factory, 100' x 150'.

Shelton, Conn.—Reports state that the Episcopal Society of the Good Shepherd is preparing to build a \$30,000 church, Rev. F. H. Mathison, pastor.

Spokane, Wash.—It is stated that work will soon commence on the depot which the Great Northern R. R. Co. proposes to erect here. Three bridges will be erected in connection with same. Jas. R. Hill, pres., St. Paul, Minn.

Springfield, O.—The late Phineas P. Mast, of this city, has bequeathed \$20,000 to the Grace Methodist Society for the erection of a new church.

It is stated that the Directors of the Y. M. C. A. have decided to erect a \$65,000 building.

St. Louis, Mo.—It is announced that Architects H. E. Roach & Son, Chemical Building, have prepared plans for a six-story brick and stone factory for the Hamilton-Brown Shoe Co., 10th and Washington Aves., to be 100' x 150', and to cost \$60,000.

It is reported that the Second Presbyterian Society will soon let contracts for a \$100,000 church.

Barnett, Haynes & Barnett, 418 1/2 Olive St., are at work on plans for a large hotel, to be erected by the Olivia Building Co., at Grand Ave. and Windsor Pl. The building will cover an area of 108' x 120', eight stories high, constructed of brick, stone and terra-cotta, and will cost about \$500,000. James C. Ghio, S. J. Harbaugh, C. Leslie Watson and others, interested.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Upton, Mass.—The will of the late E. F. Knowlton, of Brooklyn, N. Y., provides \$40,000 to be used for the Knowlton Public Library.

Utica, N. Y.—Jesse L. Oberdorfer, manager Utica Opera-house, contemplates erecting a theatre to cost about \$60,000.

Washington, D. C.—Senator Morrill, in accordance with previous notice, addressed the Senate, December 13th, on his bill authorizing the purchase of a site east of the Capitol grounds in Washington for a building for the United States Supreme Court. At the close of Mr. Morrill's speech the Senate passed his bill.

West Hoboken, N. J.—The Council is stated to have appropriated \$45,000 for a school.

West Roxbury, Mass.—A petition is being circulated in the section known as Central Station to obtain a school-house for that district.

Youngstown, O.—R. F. & E. R. Thompson, 13 Central Sq., are preparing plans for a \$100,000 office-building.

Zanesville, O.—It is stated that A. P. Rogge will erect a four-story brick and stone hotel, 80' x 80', plans for which are now being prepared by Lindsey & Elliott, architects. The building will cost \$25,000.

ALTERATIONS AND ADDITIONS.

Chicago, Ill.—Prairie Ave., No. 1712, three-sty bk. & st. addition to dwell., 40' x 50'; \$30,000; o., Frank O. Lowden.

APARTMENT-HOUSES.

Chicago, Ill.—N. Clark St. and Oakdale Ave., four-sty bk. apart., 60' x 167'; \$50,000; o., Mrs. Mary Knauer.

Cleveland, O.—Wade Park Ave., three-sty bk. & st. apart., 68' x 180', gravel roof, steam; \$30,000; o., Cleveland Improvement Co.; a., Steffens, Searles & Hirsch.

New York, N. Y.—Market St., Nos. 26-28, six-sty & base. bk. stores & flats, 44' 6" x 74'; \$50,000; o., Jacob Fischel, 197 Henry St.; a., Horenburger & Straub, 122 Bowery.

St. Mark's Pl., No. 52, six-sty & base. bk. stores & flats, 25' x 79' 6"; \$25,000; o., August Rubb, 52 W. 120th St.; a., Kurizer & Rohl, 7th St. & 3d Ave.

Eightieth St., nr. West End Ave., six-sty st. & bk. flat, 50' x 90'; \$95,000; o., Michael Tully, 210 W. 105th St.; a., James & Leo, 967 Boulevard.

One Hundred and Twenty-fourth St., nr. Columbus Ave., five-sty bk. flat, 25' x 88' 8"; \$23,000; o., John Fish, 353 W. 122d St.; a., Schneider & Herter, 46 Bible House.

E. Fifty-fourth St., Nos. 145-53, 4 five-sty bk. & st. flats, 33' 6" x 85' 9", 30' x 88' & 28' x 90', tin roofs, steam; \$120,000; o., R. Herter, 503 Manhattan Ave.; a., F. W. Herter, 503 Manhattan Ave.

Eightieth St., nr. Boulevard, seven-sty bk. & st. apart., 50' x 92'; \$70,000; o., J. J. White, 290 Boulevard; a., G. A. Schellenger, 128 Broadway.

Amsterdam Ave., cor. 141st St., 4 five-sty bk., st. & terra-cotta flats, 27' x 27' 6" x 82', corner 27' 10" x 95'; \$110,000; o., S. J. Egan; a., H. T. Howell, 748 E. 138th St.

Seventh Ave., nr. 112th St., seven-sty bk. & st. apart., 50' x 87'; \$60,000; o., Leith & Glenn, 217 W. 128th St.; a., Neville & Bagge, 217 W. 125th St.

(Continued on page xli.)

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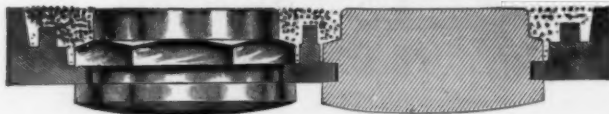
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One Hundred and Twenty-fourth St., nr. Columbus Ave., 2 five-st'y bk. flats, 25' x 86' 8" each; \$46,000; o. H. D. A. Raubahn, 2151 Second Ave.; a. Schneider & Herter, 46 Bible House.

One Hundred and Thirtieth St., nr. 8th Ave., 4 five-st'y bk. flats, 27' x 35' x 85' & 86' 8"; \$120,000; o. John Acker, 119 W. 114th St.; a. Charles Stegmayer, 306 E. 94th St.

CHURCHES.

Boston, Mass.—Cleveland Ave., nr. Everett St., Ward 25, 1½-st'y fr. chapel & house, 27' x 45', pitch roof, furnace; \$3,500; o. Finnish Evan. Luth. Soc.; a. S. F. Pierce; b. F. E. Sanders, 45 Riverdale St., Allston District.

Mt. Vernon, N. Y.—S. Tenth Ave. and First St., one-st'y bk. & st. church, 71' x 100'; \$40,000; o. Rev. Father Bonaventura Piscopo, R. C. Church of the Most Precious Blood, 115 Baxter St., New York City (in charge).

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Chicago, Ill.—Edgewood Ave. and Catalpa Pl., three-st'y & base. bk. & st. school, 90' x 188'; \$90,000; o. Board of Education.

Perth Amboy, N. J.—State St., nr. Smith St., bk. & st. school; \$25,000; o. Board of Education; a. Henry J. King, 22 Clinton St., Newark.

FACTORIES.

Boston, Mass.—Rutherford Ave., cor. Furbush Court, Ward 4, three-st'y fr. manufactory, 50' x 100'; flat roof, steam; \$8,000; o. W. L. Henry, 5 Albion Pl., Charlestown District; a. H. M. Nuttall.

Pontiac, Mich.—Five-st'y bk. carriage factory, 60' x 80', comp. roof, steam; \$20,000; o. Woodard Bros.; a. Fisher Bros., National Block.

HOUSES.

Akron, O.—Two-st'y fr. dwell., 40' x 64'; \$8,500; o. George J. Allen; a. Child & De Goll, 62 New St., New York City.

Belleville, N. J.—Two-st'y fr. dwell., 32' x 40'; \$5,000; a. J. C. Niebel, 59 Court St., Brooklyn, N. Y.

Boston, Mass.—Edwin St., nr. Dorchester Ave., Ward 24, 2 three-st'y bk. dwell., 23' x 50', flat roofs, furnaces; \$12,000; o. & b. John L. Grobert & Co., 258 Eustis St.; a. A. B. Fisher & Co.

Wait St., Nos. 9-25, Ward 19, 10 three-st'y bk. dwell., 22' x 55', flat roofs, stoves; \$65,000; o. a. & b. Thos. F. Maguire, 764 Huntington Ave.

Elm St., nr. Erie St., Ward 20, 2 three-st'y bk. dwell., 23' x 47', flat roofs, stoves; \$10,000; o. Joanna S. Fernald, Hyde Park; a. E. R. Fernald, Hyde Park; b. G. M. Fernald, Hyde Park.

Templeton St., Nos. 14-18, Ward 24, 3 three-st'y bk. dwell., 23' x 50', flat roofs, furnaces; \$20,000; o. &

BUILDING INTELLIGENCE.

(Houses Continued.)

b., John L. Grobert & Co., 258 Eustis St.; a. A. B. Fisher & Co.

Grove St., No. 6, Ward 11, 2 two-st'y bk. dwell., 15' x 23' x 40', flat roofs, stoves; \$6,000; o. & b. Wm. White; a. F. A. Norcross, 110 Tremont St.

Hillside St., nr. Calumet St., Ward 19, 2½-st'y fr. dwell., 25' x 45', pitch roof, furnace; \$4,500; o. & a. John F. Kenney, 131 Calumet St.; b. Wm. Tobin.

West Eagle St., No. 90, Ward 1, 2½-st'y fr. dwell., 21' x 52', pitch roof, hot water; \$4,000; o. & a. & b. Dingwell Bros., 85 Eutaw St., E. Boston.

Orchardale St., nr. Westville St., Ward 25, 2½-st'y fr. dwell., 26' x 44', pitch roof, furnace; \$4,500; o. a. & b. Matthew Morton, 21 Shawmut Park.

Dudley Ave., nr. Bellevue St., Ward 23, two-st'y fr. dwell., 24' x 31', pitch roof, hot water; \$4,000; o. a. & b. Geo. H. Havey, Rosindale.

Byron St., No. 167, Ward 1, two-st'y fr. dwell., 23' x 42', pitch roof, stoves; \$3,500; o. a. & b., John W. Thieland, 91 Havre St., E. Boston.

Athens St., No. 374, Ward 14, 2½-st'y fr. dwell., 21' x 50', flat roof, stoves; \$4,500; o. a. & b. A. H. Flint, 614 Sixth St.

Avondale Pl., nr. Washington St., Ward 24, two-st'y fr. dwell., 26' x 39', pitch roof, furnace; \$3,000; o. & a. J. D. Chute, 1051 Adams St., Dorchester District; b. Chute & Constable.

Brooks St., No. 214, Ward 1, 2½-st'y fr. dwell., 25' x 62', flat roof, hot water; \$6,000; o. a. & b. Dingwell Bros., 80 Eutaw St., E. Boston.

Hillside St., nr. Wait St., Ward 19, three-st'y fr. dwell., 25' x 50', pitch roof, stoves; \$5,000; o. John Connor; a. T. J. Desmond, 46 Porter St., E. Boston; not let.

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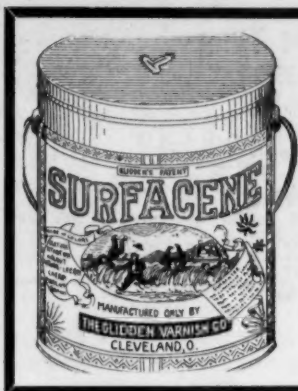
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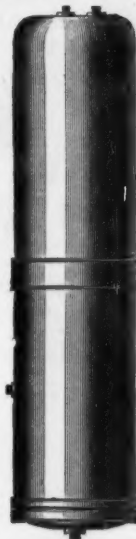
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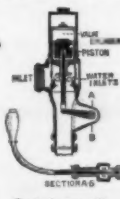


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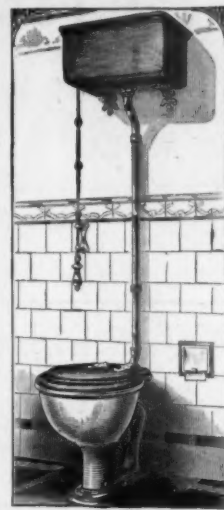
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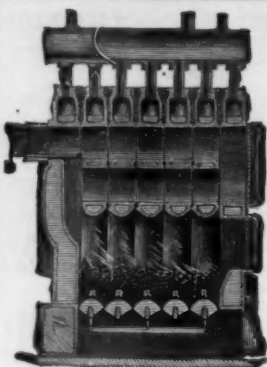
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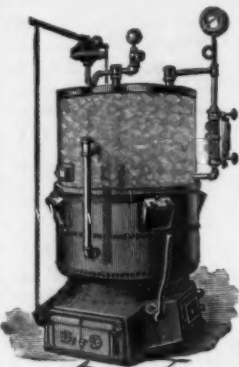
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" Moulded.....

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" Stettin, (Anchor).....

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" (goat)..... 18 @ 21

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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.....

Enam. (edge)..... 105 00 @ 120 00

" (edge & end).....

Chicago, do..... 120 00 @ 135 00

Domestic.....

Enam. (edge)..... 90 00 @ 100 00

" (edge & end).....

110 00 @ 115 00

5 00 @ 1 00

Not sold.

75 @ 1 00

250 @ 2 00

250 @ 2 00

250 @ 2 00

250 @ 2 00

250 @ 2 00

250 @ 2 00

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250 @ 2 00

250 @ 2 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

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Press..... 27 00

Collinsville, do.....

22 00

Findlay, do 22 00

Chicago, do.....

assorted shades.....

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Chicago, do.....

Brown..... 24 00

Chicago, do Red.....

Roman..... 24 00

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Roman..... 27 00

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250 @ 2 00

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Sq. Hard 800 @ 9 00

" @ 7 00

Salmon @ 5 50

Sq. " @ 5 50

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Medium ".....

@ 12 00

Red ".....

@ 12 00

Dark ".....

@ 12 00

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11 00 @ 13 00

Second ".....

@ 12 00

Third ".....

@ 10 00

Dom. { @ 65

@ 85

1 30 @ 1 50

S. H. F's 1 20 @ 1 50

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230 @ 2 60

285 @ 3 15

275 @ 2 85

Belg'n 2 10 @ 2 40

Hemmoor.....

2 50 @ 2 75

2 75 @ 2 85

Joeseon.....

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

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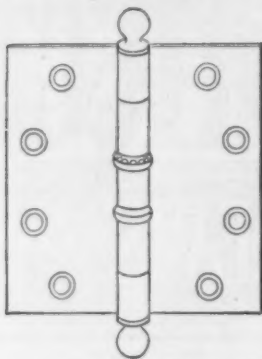
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Berea ".....	75 @ 1 00			
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New Brunswick (Dorchester).....	75 @ 1 00			
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Oaen.....	1 05 @ 1 05			
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Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25			
Joliet.....	1 00 @ 1 00			
Lemont.....				
Serpentine.....				
Bluestone: (Per sq. ft.)				
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Italian, blue-veined.....				
" Sienna.....				
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Green.....	5 00 @ 6 00			
" unfading.....	5 00 @ 6 00			
Purple.....	5 00 @ 6 00			
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Cypress.....				
Clapboards:				
Pine.....				
Spruce.....				
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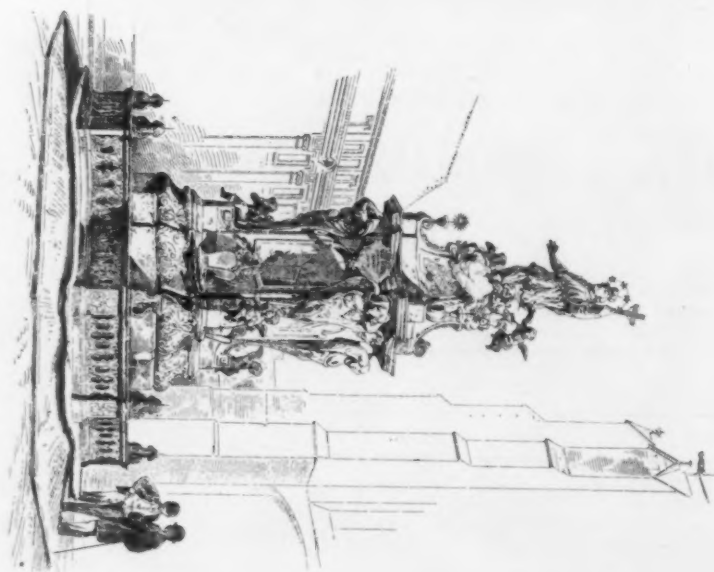
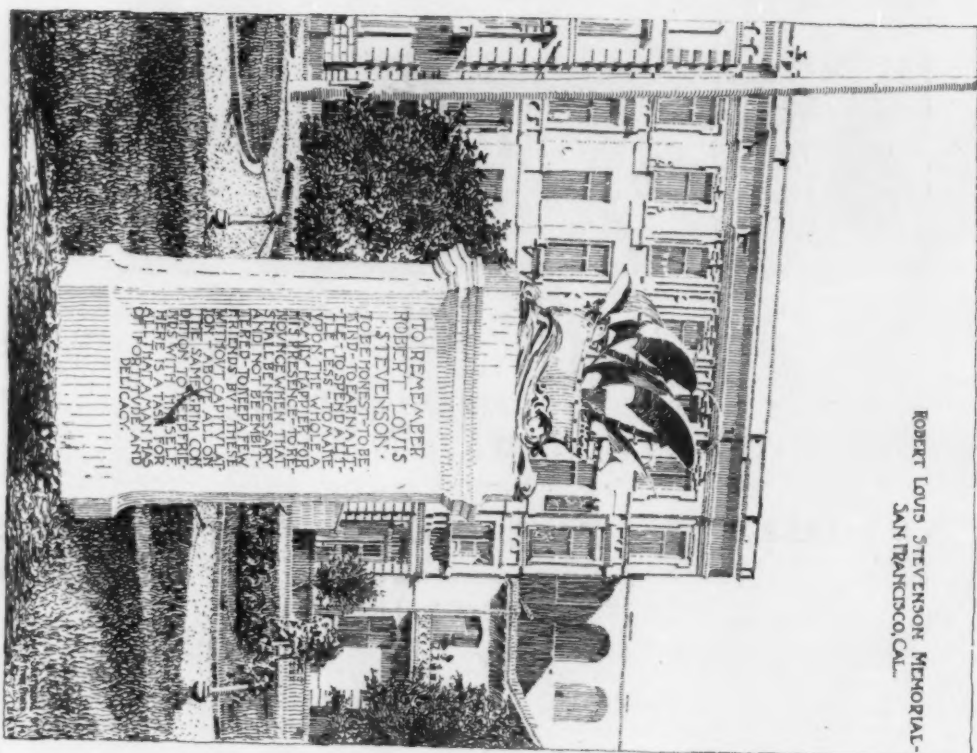
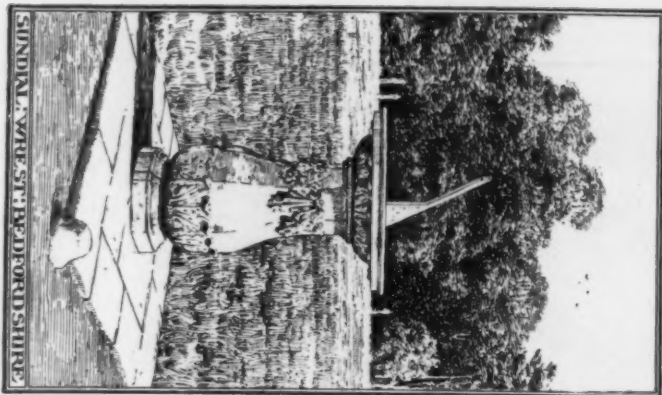
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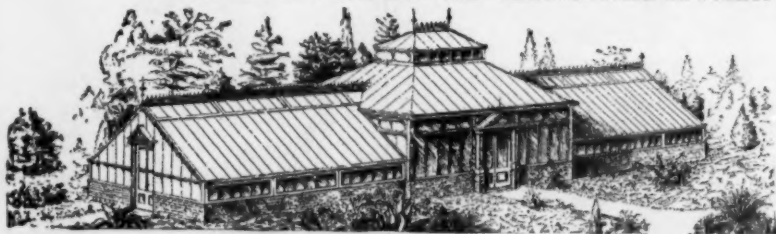
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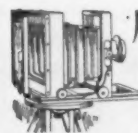
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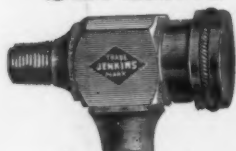
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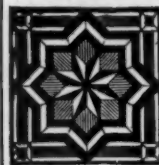
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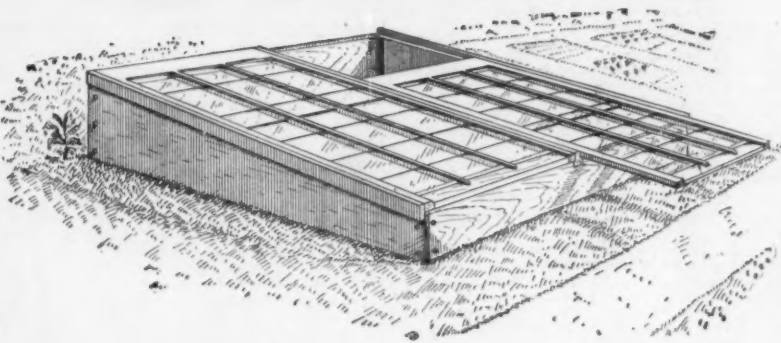
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January 24, No. 787, 1891.
March 28, " 796, "
May 2, " 801, "
June 13, " 807, "
October 3, " 823, "

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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.]

616,060. GAS BURNER AND HEATER.—Frank Barnhart, Warren, Pa.
616,074. PLASTER-BOARD.—Michael G. F. Buckley, New York, N. Y.
616,084. COLUMN.—Frederick A. W. Davis, Indianapolis, Ind.
616,096. ELEVATOR-GEARING.—Ethelbert M. Fraser, San Francisco, Cal.
616,100. BACK-PRESSURE VALVE.—William F. Harrison, Hartford, Conn.
616,106. FOLDING WASHBASIN, WATER-CLOSET BOWL, BATH-TUB, ETC.—Joseph F. Houston, Philadelphia, Pa.
616,141. AUTOMATIC TEMPERATURE-REGULATOR.—Alfred Roesch, Bridgeport, Conn.
616,142. TEMPERATURE-REGULATING APPARATUS.—Alfred Roesch, Bridgeport, Conn.
616,144. DOOR-SECURER.—Eber H. Roth, Nescopeck, Pa.

BUILDING PATENTS.

616,175. SWITCH FOR SPEAKING-TUBES.—Frank W. Wood, Newport News, Va.
616,180. ROOF.—Carl Binder, Chicago, Ill.
616,202. METALLIC LATHING.—George A. Ohl, Jr., Newark, N. J.
616,210. LOCK.—Amand Syverson, Pleasant Valley, Wis.
616,217. ROLLS FOR BENDING STRUCTURAL IRON, PIPE, ETC.—Charles Weber, Pittsburgh, Pa.
616,223. WINDOW.—Samuel W. Crane, Lafayette, Ind.
616,252. SEWER-TRAP.—Henry Pennie, New York, N. Y.
616,258. DOOR-HINGE.—Christopher H. Rembold, Cincinnati, O.
616,283. WINDOW-SASH.—Kobath Anthony, Altoona, Pa.
616,321. CONTINUOUS BRICK-KILN.—Edwin T. Harris, Ridgway, Pa.
616,329. CONSTRUCTION OF WALLS, PARTITIONS, CEILINGS, ETC.—Ernest Homan, London, Eng.

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.

Boston, Mass.—It is stated that the old building known as Oak Hall, 34 North St., is to be replaced at once by a brick building, 70 feet in height, of semi-fireproof construction. The property was purchased last August at auction by Frank O.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Squire for \$109,500, in the interests of the Eastern Cold Storage Co., to which corporation he has just transferred it. McKay & Daubman are the architects; the contract for the erection of the building has not been let.

Advertisements will soon be issued by the Navy Department for bids for the construction of a new dry dock for Boston. It will be 300' x 700', of stone and cement, and calculated to accommodate the largest ships in the navy. The appropriation is \$1,025,000.

The Suffolk Real Estate Trust has purchased 13 to 17 Congress St., of Mr. Andrew C. Wheelwright. The old buildings will be torn down and a five-story fireproof building erected. It will contain a fine banking-room on the first floor.

McKlin, Mead & White, 160 Fifth Ave., New York City, are preparing plans for a five-story brick and granite building for Swift & Co., to be erected on Beason St., near Hereford St., at a cost of about \$400,000.

Braddock, Pa.—J. L. Litvitz and others will erect a five-story store-building at Braddock Ave. and 7th St., to cost \$50,000.

Centralia, Ill.—The Baptist congregation here is arranging to build a \$12,000 church. It is one of the wealthiest congregations in the city, and owns valuable real-estate interests, among which are several blocks of land in the original part of the city, which was willed to the church by the late Jane Cell.

Chicago, Ill.—Henry L. Newhouse has prepared plans for a twelve-flat structure to be built on Calumet Ave., near 42d St., for J. N. Dubach at a cost of \$32,000.

Plans have been prepared by Frank V. Newell for a four-story apartment-building to be erected at the corner of Drexel Boulevard and 49th St., for the Drexel Apartment Co. It is estimated that the building will cost \$150,000.

It is stated that a company, of which Alderman Gunther a president, backed by \$300,000 capital, will erect a new coliseum on Wabash Ave., between 14th and 16th Sts. Work will be begun as soon as the land can be cleared of the buildings now on it.

Arthur Foster has made drawings for a \$50,000 three-story stone and brick apartment-building, 65' x 120', to be erected at 53d St. and Calumet Ave., for J. C. Daly, 4856 Indiana Ave.

It is announced that the Polish St. Josephat Church, has accepted the preliminary drawings of McMichael & Morehouse, for an \$80,000 church to be built at Southport and Belden Aves.

Holabird & Roche, 1618 Monadnock Building, are preparing plans for a ten-story building for the Cable Piano Co.; probable cost, \$100,000.

Des Moines, Ia.—It is reported that J. S. Polk will erect an eight-story office-building, to cost \$250,000.

The Building Committee of the City Library Board of Trustees will receive plans January 10 for a City Library; probable cost, \$110,000. A. P. Fleming, Chmn. Com.

Englewood, N. J.—The St. Paul's Episcopal Society, Rev. Geo. F. Flichtner, pastor, will erect a stone church on Eagle St., to cost about \$35,000; architect not selected.

Exeter, N. H.—Mr. Edwin F. Rice, of Boston, has donated his library of 1,000 volumes to Phillips Exeter Academy, upon certain conditions. The trustees have passed resolutions which state they will gladly accept Mr. Rice's munificent gift, when conditions make it possible. Efforts to secure a library building will, doubtless, be made at once.

Fort Worth, Tex.—The Texas & Pacific Railway Co., will build a new depot to cost \$130,000. L. S. Thorne, general manager, Dallas.

Germantown, Pa.—The Commonwealth Brewing Co., will erect a three-story building on Cambridge St.; cost, \$75,000.

Hartford, Conn.—Charles Dudley Warner has written a letter to the directors of the Hartford Hospital, approving a plan to erect a building to cost \$35,000 for the special use of trained nurses, of whom 45 are on duty with that institution.

Jefferson City, Mo.—Report states that the congregation of the Methodist Church South will erect

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

a new church at the corner of Main and Monroe Sts., to cost about \$25,000, Rev. D. Barnes, pastor.

Kansas City, Mo.—Huck & Sexton have prepared plans for a new building for the Spaulding Commercial College at 10th and Oak Sts., to cost \$30,000.

Knoxville, Tenn.—It is reported that a fourteen-story office-building, to cost between \$750,000 and \$1,000,000, will be erected at this place. Charles S. Bickel, architect, Pittsburgh, Pa.

Lansing, Mich.—The plans of Pratt & Koeppe, of Bay City, have been accepted for a building for the Michigan Agricultural College; probable cost, \$75,000.

Lawndale, Pa.—The managers of the German Protestant Home for the Aged, Philadelphia, have decided to erect a building to cost \$25,000. Preliminary plans are being prepared by Stearns & Castor.

Lenox, Mass.—Peabody & Stearns have completed plans for a large modern cottage to be built by William D. Sloane of New York City, for his eldest daughter, Mrs. Jas. A. Burden, Jr.; not let.

McKeesport, Pa.—The plans of McCullum & Ely, Washington, have been accepted for an \$80,000 high school, so report states.

Mechanicsville, N. Y.—It is stated that the Duncan Co. contemplates enlarging its plant at a cost of over \$100,000.

Minneapolis, N. Y.—The Supervisors have decided to receive plans January 18 for a Court-house and Jail for the new County of Nassau; probable cost, \$100,000.

New Orleans, La.—The Louisville & Nashville Railway Co. will erect a depot to cost \$50,000. R. Montfort, chief engineer, Louisville, Ky.

Newport News, Va.—The Marsden Cellulose Co., of Philadelphia, Pa., are to establish a main plant at this place, to cost \$250,000.

New York, N. Y.—The congregation of the Episcopal Ascension Memorial Church, in W. 43d St., near 8th Ave., proposes to build a parish-house on a lot adjoining the church-building. The plan is for the erection of a ten-story apartment-hotel. The basement and lower stories will be used as a gymnasium for the boys, a reading-room and rooms for the sewing-school, for the Women's Guild, King's Daughters, and all the various activities of the parish work. The upper stories it is proposed to furnish handsomely in suites of from one to three rooms, with private bath, and business women will have the preference as tenants.

Brown & Campbell, 1133 Broadway, have been awarded the contract for the erection of the \$250,000 church for the Christian Scientists, plans for which were prepared by F. P. Comstock, 95 Fifth Ave.

It is probable that the General Theological Seminary of the Protestant Episcopal Church will shortly erect a \$100,000 hall.

Mr. Jacob H. Schiff has purchased four lots on Lexington Ave., near 92d St., and will erect a building suitable to the needs of the Young Men's Hebrew Association. It is said that this gift represents an expenditure of about \$150,000.

Overbrook, Pa.—F. M. Mann, 328 Chestnut St., Philadelphia, has prepared plans for the new church to be erected by St. Paul's P. Episcopal Society. It will cost about \$25,000.

Pawtucket, R. I.—The Council has appropriated \$32,000 for two schools.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Pittsburgh, Pa.—A \$40,000 school will be erected in the 18th Ward.

The St. Augustine R. C. Church will erect a new building, to cost about \$100,000.

Presidio, Cal.—It is reported that a regimental hospital, to cost about \$100,000, will be erected in this city. Col. Marshall, chief quartermaster.

Philadelphia, Pa.—Plans are now under consideration by the officers and managers of the Medical-Chirurgical College and Hospital, which provide for an important expansion of that institution. A plot of land has been purchased at the corner of 17th and Cherry Sts., and a structure will be erected costing probably half a million dollars. The chief building will be a laboratory, probably the largest and most complete in America.

Turnerville, N. J.—A new church is talked of.

Utica, N. Y.—Leon H. Lempert, of Rochester, is reported to be preparing plans for an opera-house to be built here for Manager Jesse L. Oberdorfer, of Syracuse; probable cost, \$60,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Washington, D. C. — Architect James C. Hill is now at work on plans for the new Girls' Reform School. It will cost \$50,000.

Waupaca, Wis. — Report states that the plans of Buemming & Dick, of Milwaukee, have been accepted for a hospital at the Wisconsin Veterans' Home; probable cost, \$18,000.

APARTMENT-HOUSES.

Cleveland, O. — Hough and Durham Aves., three-sty bk. & st. apart., 69' x 180', gravel roof, steam; \$25,000; o., John Haberie; a., Steffens, Searles & Hirsch, New England Building.

New York, N. Y. — Goerck St., No. 3, six-sty bk. store & flats, 25' x 100'; \$25,000; o., Morris Jacobson, 206 E. 78th St.; a., Schneider & Herter, 46 Bible House.

Amsterdam Ave., cor. 179th St., five-sty bk. store & flats, 25' x 92'; \$25,000; o., John Shea, 9 St. Johns Ave.; a., Robert Glenn, 2365 Third Ave.

Spring St., No. 45, cor. Mulberry St., six-sty bk. stores & flats, 25' 3" x 97' & 102' 6"; \$22,000; o., Michael Lapp, 141 E. 47th St.; a., Kurtzer & Rohl, 3d Ave. & 7th St.

St. Nicholas Ave., cor. 114th St., seven-sty bk. stores & flat, 95' 11" x 101' 8"; \$250,000; o., Emily Felt, 246 W. 106th St.; a., Neville & Bagge, 217 W. 125th St.

One Hundredth St., nr. Lexington Ave., 16 five-sty bk. & st. flats, 12 on street and 4 on Lexington Ave., plot 100' x 405'; \$300,000; o., Morris Mandelstein; a., Thomas Graham, 1238 Madison Ave.

W. Central Park, nr. 98th St., 2 seven-sty bk. & limest. aparts., 48' x 80'; \$140,000; o., John Knox McAfee, 346 W. 84th St.; a., G. F. Pelham, 503 Fifth Ave.

One Hundred and Twelfth St., Nos. 233-235, six-sty bk. & limest. apart., 37' 6" x 90' 11"; \$30,000; o., Max Vogel, 38 Elizabeth St.; a., G. F. Pelham, 503 Fifth Ave.

Eleventh St., Nos. 534-536, six-sty & base. bk. & st. flats; \$28,000; o., S. Hyman & Oppenheim, 103 Fourth Ave.; a., Schneider & Herter, Bible House.

Elizabeth St., No. 126, six-sty bk. & st. store & flat, 25' x 87'; \$23,000; o., E. Poerschke, 55 St. Mark's Pl.; a., Kurtzer & Rohl, 9 E. 7th St.

One Hundred and Twentieth St. and Seventh Ave., 2 six-sty & base. bk. flats, 50' 11" x 50' x 95' & 87'; one \$100,000 and one \$50,000; o., Wm. G. Webber, 55 W. 101st St.; a., G. F. Pelham, 503 Fifth Ave.

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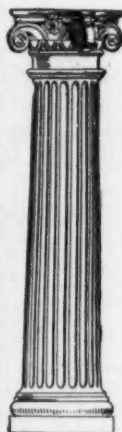
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(Apartment-Houses Continued.)

Eighty-fifth St., nr. Boulevard, six-sty & base. bk. flat, 25' x 92' 2"; \$35,000; o., Pat'k Prendergast, 145 W. 84th St.; a., Geo. F. Pelham, 503 Fifth Ave.

Second Ave., cor. 92d St., 4 five-sty bk. stores & flats, 25' 2 1/2" x 25' 6" x 80' 75' & 60' 9"; one \$35,000, three \$22,000 each; o., Francis J. Schnugg, 78 E. 96th St.; a., Martin Johnston, 78 E. 96th St.

CHURCHES.

Chicago, Ill. — Madison Ave. and Fifty-fifth St., two-sty st. church, 90' x 150', tile roof, steam; \$50,000; o., St. Paul's Episcopal Society; a., S. S. Beman, Pullman Building.

Steubenville, O. — Two-sty bk. & st. church, 52' x 88', slate roof, steam; \$28,000; o., German Catholic Society; a., W. P. Guthrie, Akron.

Wilksburg, Pa. — Two-sty st. church & parsonage, 100' x 120', slate roof, hot blast fan; \$50,000; o., Wilksburg M. E. congregation; a., W. R. Brown, 222 W. 4th St., Cincinnati, O.

HOUSES.

Boston, Mass. — Richfield St., nr. Olney St., Ward 20, three-sty fr. dwell., 26' x 40', pitch roof, stoves; \$4,500; o., a. & b., Fred'k J. Rockwell, 12 Learnard St., Dorchester.

BUILDING INTELLIGENCE.

(Houses Continued.)

E St., No. 177, Ward 15, three-sty fr. dwell. & store, 21' x 37', flat roof, stoves; \$3,000; o., I. Rosenkrantz, 30 Millmont St., Roxbury District; a., C. A. Russell.

Hillside St., No. 93, Ward 19, three-sty fr. dwell., 25' x 45', pitch roof, furnace; \$5,000; o. & a., John F. Kenney, 131 Calumet St.; b., Wm. Tobin.

Tonawanda St., nr. Greenbriar St., Ward 20, three-sty fr. dwell., 30' x 49', pitch roof, furnace; \$6,000; o., a. & b., J. A. Cruikshank, 1 Carlos St., Dorchester District.

Claybourne St., nr. Dakota St., Ward 20, three-sty fr. dwell., 34' x 48', pitch roof, furnace; \$5,400; o. & b., J. D. McKay, 109 Glenway St., Dorchester District; a., Chabot & Leo.

Montello St., nr. Colberg Ave., Ward 23, three-sty fr. dwell., 28' x 40', mansard roof, furnace; \$4,500; o. & b., A. R. Clark, 16 Colberg Ave.; a., A. A. Brown.

Prospect St., Nos. 1-7, Ward 3, 4 three-sty fr. dwells., 20' x 36', flat roofs, stoves; \$18,000; o. & b., Jos. Shoolman, 26 Auburn St.; a., F. A. Norcross.

Chelsea St., Nos. 112-16, Ward 3, 5 three-sty bk. dwells., 13' x 21' x 55', flat roofs, stoves; \$30,000; o. & b., Jos. Shoolman; a., F. A. Norcross.

Continued on page xiii.)

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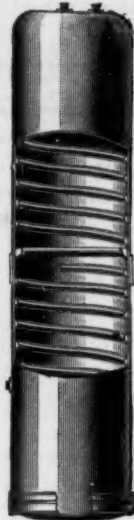
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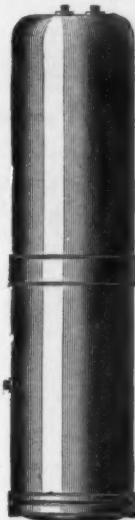
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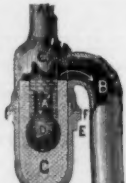


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Brooklyn, N. Y.—Bergen St., nr. Howard Ave., 5 two-st'y & base. bk. dwells., 20' x 45'; \$25,000; o., a. & b., Fred Buchar, 1340 St. Mark's Ave.

Putnam Ave., nr. Ralph Ave., 3 two-st'y & base. bk. dwells., 20' x 45'; \$17,000; o., Wm. J. Krausl, 216 E. 17th St., New York; a., T. Englehardt, 905 Broadway, New York.

Bay Twenty-sixth St., nr. Cropsy Ave., two-st'y & attic fr. dwell., 34' x 60', shingle roof; \$8,500; o.,

BUILDING INTELLIGENCE.

(Houses Continued.)

Thos. Lewis, on premises; a., W. J. Bergens, Long Branch, N. J.

Avenue C, nr. E. 23d St., two-st'y & attic fr. dwell., 35' x 52', shingle roof; \$8,000; o., Emma Matthews, 1205 Dean St.; a., A. F. Leicht, 77 Cedar St., New York.

Eighty-third St., nr. 12th Ave., two-st'y & attic fr. dwell., 18' 6" x 42' 6", shingle roof; \$6,000; o., W. L. Johnson, 82d St. & 11th Ave.; a., C. Schubert, Bath Ave. & Bay 19th St.

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Ocean Ave., cor. Avenue L, two-st'y & attic fr. dwell., 29' x 40', shingle roof; \$5,000; o., C. A. Dunham, 1123 Broadway, New York; a., D. Fletcher, 1123 Broadway, New York.

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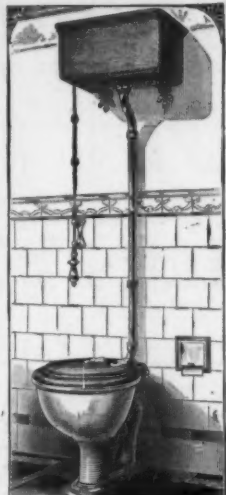


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Detroit, Mich.—Boulevard, 2½-st'y bk. dwell., 27' x 50', slate roof, furnace; \$5,000; a., S. C. Falkinburg, 903 Hammond Building.

Lake Geneva, Wis.—Three-st'y & base. marble dwell., 70' x 174', flat roof, hot water; \$100,000; a., Henry Lord Gay, 92 Dearborn St., Chicago.

New York, N. Y.—Creston Ave., nr. 184th St., 11 two-st'y fr. dwells., 21' x 56'; \$62,700; o., Louis Cohen, 230 Sackman St., Brooklyn; a., Rudolph Werner, 7 Teasdale Pl.

Concord Ave., nr. 151st St., two-st'y bk. dwell. & stable, 50' x 75', gravel roof; \$8,000; o., Tony Altieri, 614 Robbins Ave.; a., Chris F. Lohse, 906 Westchester Ave.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., December 20, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of January, 1899, and then opened, for the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-office building at Pottsville, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pottsville, Pa. **JAMES KNOX TAYLOR**, Supervising Architect. 1202

Treasury Department, Office Supervising Architect, Washington, D. C., December 20, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of January, 1899, and then opened for the labor and materials for the low-pressure, return-circulation, steam-heating and ventilating apparatus and pipe-covering required for the United

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BUILDING.

[At Washington, D. C.] Proposals will be received at the office of Marsh & Peter, associate architects, 1503 Pennsylvania Ave., until January 21, 1899, for materials for and construction of the new building for *The Evening Star Newspaper Company*. 1202

DORMITORY.

[At Phoenix, Ariz.] Bids are wanted January 25 for a dormitory; also water and sewer system, at the U. S. Indian School. **W. A. JONES**, Commissioner of Indian Affairs, Department of the Interior, Washington, D. C. 1202

BROKEN STONE, SAND, ETC.

[At New London, Conn.] U. S. Engineer Office, New London, Conn. Sealed proposals for furnishing and delivering at New London, Conn., and Fisher's Island, N. Y., broken stone, sand, lumber, steel beams, angles and bolts, doors and frames, hand-railing, speaking-tubes, sewer-pipe and manhole covers, will be received here until January 23, 1899. **SMITH S. LEACH**, Maj., Engrs. 1202

CEMENT.

[At St. Paul, Minn.] U. S. Engineer Office, Globe Building, St. Paul, Minn. Sealed proposals for furnishing and delivering American Portland Cement, 1. o. b. cars at factory, will be received here until 12 o'clock M. January 19, 1899. **FREDERIC V. ABBOT**, Major, Engineers. 1201

PILES AND STONE.

[At St. Louis, Mo.] U. S. Engineer Office, Custom-house, St. Louis, Mo. Sealed proposals for furnishing piles and stone will be received here until 12 M. January 14, 1899. **THOS. H. HANDBURY**, Major, Engineers. 1201

PORTLAND CEMENT.

[At Duluth, Minn.] U. S. Engineer Office, Duluth, Minn. Sealed proposals for furnishing 12,000 barrels of Portland cement for the concrete superstructure for piers for Duluth ship canal will be received here until noon January 10, 1899. **CLINTON B. SEARS**, Major, Engineers. 1201

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PROPOSALS.

LIBRARY BUILDING.

[At Owatonna, Minn.] Sealed proposals will be received by the Secretary of the Board of Directors of Owatonna, Minn., Public Library, until 12 o'clock noon of January 4, 1899, for the erection of a brick and stone library. **B. E. DARBY**, Secretary of Board of Directors of Public Library of Owatonna, Minn. 1201

POWER-HOUSE.

[At Annapolis, Md.] Proposals will be received at the Bureau of Navigation, Navy Department, until 12 o'clock noon on Thursday the 12th day of January, 1899, for the construction of a Power-house at the Naval Academy, Annapolis, Md. **MR. ERNEST FLAGG**, architect, 35 Wall St., New York, N. Y. 1201

SEA-WALL.

[At Annapolis, Md.] Bureau of Navigation. Proposals will be received at the Navy Department until 12 o'clock noon on Thursday January 12, 1899, for the construction of a sea-wall at the Naval Academy, Annapolis, Md. **MR. ERNEST FLAGG**, architect, 35 Wall St., New York, N. Y. 1201

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Moulded:		Domestic.	Chicago, do
Red Pressed.....	@ 29 00	Enam. (edge)	Brown.....24 00
Buff.....	@ 27 00	90 00 @ 100 00	Chicago, do Red
Moulded Red & Buff.....	45 00 @ 70 00	" (edge & end.)	Roman.....24 00
Enamelled: Imp	85 00 @ 100 00	110 00 @ 115 00	Chicago, do Br'n
Enamelled (edge).....	90 00 @ 110 00		Roman.....27 00
Enamelled (edge and end.).....			Bushnell Buff
CEMENT, LIME, etc. (P coast.)			25 00
Rosendale Cement.....	65 @ 75	5 00 @ 1 00	
Louisville.....	Not sold.	@	Not sold.
Utica, Akron, Buffalo, Milw'ke.			75 @ 1 00
Portland, Eng. (Gibbs).....	2 25 @ 2 50		75 @ 1 00
" (R. B. & S.).....	2 50 @ 3 00		2 50 @ 3 00
" (Black Cross).....	2 25 @ 2 50		2 50 @ 3 00
" (Burnham).....	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 3 00
" (White's).....	2 65 @ 3 00	@	2 50 @ 3 00
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25
" Ger. (Alsen).....	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20
" (Fewer).....	2 25 @ 2 40	B'ks, Shoobridge	@
" (Vorwobler).....	2 50 @ 2 90	& Co.	@
" (Lagerdofer).....	@	English 2 30	2 60 @ 2 90
" (Dyckerhoff).....	2 75 @ 3 00	2 75 @ 3 00	3 10 @ 3 30
" (Hanover).....	2 50 @ 3 00	@	2 75 @ 2 90
" Stettin, (Anchor)	2 35 @ 2 45	@	2 85 @ 3 00
Roman.....	2 75 @ 3 00	3 50 @ 4 00	2 75 @ 3 25
Keene's coarse.....	4 25 @ 4 75	@ 7 00	6 00 @ 7 00
" superfine.....	@ 6 50	8 00 @ 9 00	9 00 @ 10 00
Lime:			
Lime of Tell.....	@ 4 00		Not sold.
Hydraulic Lime.....	@ 1 45	@	45 @ 55
Chicago Lime in bulk.....	{ St. John		45 @ 55
Wisconsin Lime.....	@ 80	@ 90	Not sold.
Rockland and Rockport, (Com.)	@ 90	@ 95	Not sold.
Rockland, finish.....	@	@	1 00 bulk, 75c.
Kelley Island Lime, finish.....	@ 65	Not sold.	Not sold.
State, Com. cargo rates.....	@ 75	Not sold.	Not sold.
Plaster of Paris (calcined).....	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75
" (casting).....	@ 1 60	@ 2 25	1 75 @ 1 90
Hair (cattle) P bush.....	14 @ 16	25 @ 30	12 @ 20
" (Goat).....	16 @ 21	@ 30	20 @ 25
Sand, P load.....	1 00 @ 1 25	1 00 @ 1 75	1 00 @ 1 25

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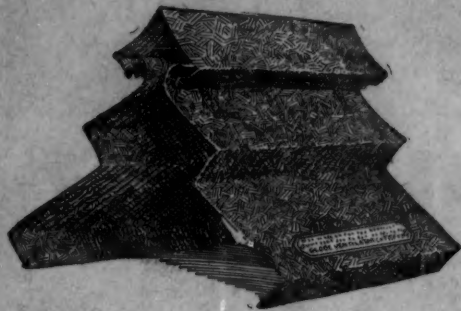
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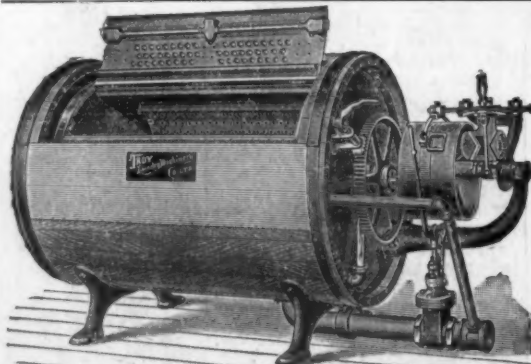
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