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THE death of Mr. Gridley J. F. Bryant, of Boston, while it takes away a most estimable member of the profession, ought to do something to disabuse the public mind of the pernicious notion that the practice of architecture is a profitable calling. Mr. Bryant was for many years the most noted architect in Boston; he built, in his time, nearly all the principal public buildings, and hundreds of private ones; he was for several years, in the latter part of his life, Superintendent of the Government Building in Boston, at a good salary; he was skilful, energetic and honest to a remarkable degree, and his family expenses were by no means unreasonable; yet he died very poor, so poor, in fact, that he had been dependent for some years on the charity which his friends were glad to be able to offer him. In saying this, as we believe, we honor his memory far more than we should by dilating on his ample fortune and valuable possessions, for to Mr. Bryant had been confided the expenditure of many millions of dollars, and he could have pocketed a fortune every year at the expense of those who trusted him, if he had been willing to swerve a hair's-breadth from the standard of integrity which he had determined to follow. That he was a great artist, no one will pretend, but the Boston City-Hall, in the design of which, however, he was associated with the late Arthur Gilman, is quite successful in its way, while the Charles Street Jail, which, as we believe, is entirely his work, is one of the best buildings of the kind that we know, in character and dignity of effect. It is curious that Mr. Bryant, if we may believe the newspapers, was the first to introduce into Boston the granite fronts which soon became the most noted peculiarity of the city, and which, in their turn, since the great fire of 1872 showed their imperfections, have gone completely out of use. His father, Gridley Bryant, the President of the Granite Railway Company, under whose care the second railroad in America was built, for conveying stone from the Quincy quarries to the Neponset River, naturally advocated the use of granite for building, and the son was quick to find methods of utilizing the ideas suggested to him. In fact, the two men were very much alike in character. While the elder Bryant was perfecting his idea of the independent two-wheeled or four-wheeled truck, which he devised for use on the cars of his railroad, and which has since been adopted all over the world, the son was working out, not only the details of granite construction, but a method of building incombustible structures, which he carried out in the old Registry of Deeds Building, in Boston, the first fireproof building in the city, which is still in use in connection with the City-Hall. It must be remembered that when this structure was erected, rolled-iron beams had never even been dreamed of, and the architect had nothing available for his purpose but brick, stone and cast-iron girders, of very uncertain quality; yet he was able to produce a comfortable and convenient building, which served its purpose admirably until within a very few years, when the Registry was removed to the new Court-House.

THE first meeting of the League of Architectural Clubs, which was called to assemble at Cleveland this month for organization, seems to have been very successful. Thirteen clubs sent delegates, and the organization was accomplished without difficulty or disagreement, the new association taking the name of the Architectural League of America. As New York, Boston, Philadelphia, Pittsburg, Chicago, Cleveland, St. Louis, and Toronto, Canada, were represented at the first meeting, this name is highly appropriate, and the new League seems likely to be of great service to the profession. Mr. Albert Kelsey, of Philadelphia, was chosen the first President of the organization, and we are sure that the unanimous sentiment of the profession will be that a better choice could not have been made. Besides the general purpose of promoting the interests of architecture and the allied fine-arts in this country, the association proposes to take an active part in municipal improvement by offering, on the application of citizens of any city or town, to designate four experts, who will, without remuneration, meet the municipal authorities and discuss with them the best methods of meeting the requirements of the case. Conventions of the League are to be held annually, the next one being appointed for Chicago, June 7, 8 and 9, 1900.

DR. EDWARD W. BEMIS, of the Kansas State Agricultural College, contributes to the May *Bulletin* of the Department of Labor a paper on the "Benefit Features of American Trade Unions," which is interesting, although we cannot say that we agree with all its conclusions. Many of the unions in this country pay a certain sum per week to members, in case of loss of employment or disabling illness, as well as a fixed amount to their heirs at their death. Of course, this is commendable, but the paper gives an impression that this sort of insurance is very cheaply obtained by the members of the unions, which is far from being supported by its own statistics. Speaking of the Cigar-Makers' International Union, which it commends as having "the best-developed system of benefits of any union in America," it says that, for the last ten years, "the average expenditure of the individual cigar-maker by reason of his union was about thirty cents a week"; and it goes on to say that "A weekly payment of that sum to private companies would insure a man, when twenty-one years of age, for five hundred and fifty dollars in the event of death. If paid to the Cigar-Makers' Union for the space of fifteen years it would insure him for the same amount, and would also guarantee sick, death and out-of-work benefits, give free use of the employment bureau of the union, furnish its monthly journal, give the use of loans without interest, and aid the member in maintaining an eight-hour day with relatively high wages."

WE should be sorry to think that this glowing picture was composed for the purpose of misleading careless readers, but it assumes a singular appearance when compared with the figures furnished a few pages farther on. According to these figures, while the dues of the Cigar-Makers' Union are, under the rules, thirty cents a week, the actual "expenses per member" of the union have averaged for five years, up to, and including, 1897, as shown by the table given, $22.71, the difference being, of course, made up by special assessments. Moreover, while it is true that the life-insurance companies, in consideration of the payment of thirty cents a week for fifteen years, will pay, in case of death at or after that time, $550, and the union will do the same for those of its members who have paid, not thirty cents a week, but $22.71 a year, for fifteen years. An important difference between the two cases, about which Dr. Bemis says nothing, is to be found in the fact that the insurance company will pay the five hundred and fifty dollars in case of death at any time after the payment of the first premium, while the union will pay nothing at death, until the member has been in good standing for two years, and then only fifty dollars. The member is thus insured for only fifty dollars, instead of five hundred and fifty, as he would be in an insurance company, and this arrangement continues until five years have gone by, when, if he still continues in good standing, his heirs are paid two hundred dollars in case of his death.

At this sum his insurance remains for five years more, when, if his standing still continues good, it is raised to three hundred and fifty dollars, and it does not reach the full five hundred and fifty until the full fifteen years have elapsed, while, under a policy in an ordinary insurance company, it would have been at five hundred and fifty during the whole period. Besides this, a member of the union who is suspended for any cause loses all his rights, and if he succeeds in reinstating himself, his previous payments count for nothing, and he begins at the bottom of the ladder as an initiate member; and a member who has paid his dues for fifteen years must continue to pay them, unless disabled from working, or forfeit his insurance, while a man with a fifteen-year policy in an ordinary company has nothing more to pay after the fifteen years have expired. A man who leaves the Cigar-Makers' Union, to engage in other business, is allowed to do so on certain conditions, first procuring a "retiring-card," and his claim to sick and death benefits continues, provided he pays thereafter twenty cents a week and "all assessments of the International Union" into the treasury of the local organization; while an ordinary policy is not so restricted.

AS it may be said that the sick benefit has value enough to offset the excessive cost of life insurance under this system, it may be well to study the figures again. As the payment of union dues does not cease at the expiration of fifteen years, unless in the remote contingency of physical disability, the union contract of death benefit should be compared with the ordinary life-insurance contract, instead of with the fifteen-year policy. Moreover, as the union benefit pays nothing for two years, then only fifty dollars, with sums increasing according to length of membership, the cost of the benefit should be compared with ordinary policies for corresponding sums. Thus, in the first two years, a member pays $45.42 and gets nothing in return in the way of life insurance; in the next three years he pays $68.13, making $113.55 in all, in return for which his life is insured during three years for $50. In the next five years he pays $113.55 more. During that period his life is insured for $200, or $27.10 less than the total amount of his payments for the ten years. His death benefit, if he continues in good standing, then increases to $350, remaining at that point for five years more, at the end of which he has paid $340.65, which, with interest, would amount to much more than the benefit. After that, the benefit increases again to the maximum of $550, but a man who enters the union at twenty-one, and dies at sixty, pays $885.69 besides $863.46 in loss of interest, at five per cent, making $1,749.15, for which he receives $550. If he lives beyond the age of sixty, his insurance costs him still more. If, instead of joining the union, he had taken out a policy in any life-insurance company, giving him the same death benefit, the account would stand like this: Running from the age of twenty-three, which is that at which he would first obtain any claim on the union death-fund, the cost of a fifty-dollar policy would be eighty-two cents a year, and at the age of twenty-six he would have paid $2.46 for the same indemnity in case of death that his heirs could claim from the union, in return for his payment of $113.55. An additional policy for $150, keeping up the old one, so as to make the total death-benefit $200, would cost $2.64 per year. Five years of this, with five years more of premiums on the $50 policy, added to the first three years of the latter, would make $19.76 as the cost, at the age of thirty-one, of the same life insurance that would have been furnished by the union at an expense of $227.10, exclusive of interest. Another policy, for $150, taken at this age would cost $3.73 per year. Keeping up the payments on the other policies, the total cost, at the age of thirty-six, would be $55.71, as compared with $340.65, under the union contract, interest being neglected in both cases. After the age of thirty-six, the union death-benefit would increase to $550, and the non-union man, to keep up with his rival, would have to take out another policy for $200, which would cost him $4.60 per year. After this, he would have to pay $11.79 a year, to keep his policies in force, while the union man would have to pay $22.71; and, if he died at the age of sixty, the non-union man would have paid for his death-benefit of $550 a total of about $527.74, as compared with $1,749.15 for the union man, interest being added at five per cent in both cases. The difference between these two sums, or $1,221.41, is, therefore, what the union man, dying at the age of sixty, has paid in thirty-nine years, including interest, for insurance against sickness and non-employment, the privilege of reading the union journals, aiding strikes and supporting the union officials. The statistics show that, under the liberal system of sick-benefits adopted in the Cigar-Makers' Union, illness has increased greatly among members, and, on an average, one member out of every twenty-one claims every year from the Union funds benefit to the amount of five dollars a week for the maximum term of thirteen weeks. If, therefore, twenty-one persons should make up a purse annually of $65, or $3.10 each, for this purpose, they would do just what the union members are doing, except that the latter pay 88 cents additional for the cost of distributing the money to the sick. Now, if the non-union men were to join in clubs of twenty-one, and contribute their average savings for thirty-nine years in the cost of their life insurance over the union rates, the amount, instead of being $65 a year, would be, according to the figures given above, $667.72; or supposing one man to insure himself against sickness by putting away money at interest for time of need, and that his liability to incapacitating illness were to be just that shown by the statistics to prevail among the members of the Cigar-Makers' Union, he would have, from what he would save for himself in the item of life insurance alone, more than ten times as much to fall back upon as the union sick-benefit rules would offer him; or, to put it in another way, he could have all the advantages in the way of death and sick benefits that the union can offer and still have left $28.22 a year for himself, which, if he belonged to the union, he would have to pay out for non-employment benefits, journals and the expenses of managing the union. This last item amounted, in 1896, for the Cigar-Makers' International Union, to more than two hundred and sixty-five thousand dollars.

OF course, we do not desire in the least to depreciate the merits of a well-managed, peaceable and charitable organization like the cigar-makers' union; but it is misleading and injurious to the unions, as well as to the public, to assert that they insure the lives of their members more cheaply than the insurance companies would do the same, and give them other benefits in addition, or to say, as is said in a report quoted by Dr. Bemis, that "Better examples of economical and successful business management than are found in the exhibits of the carpenters' and most of the unions referred to in this report are rarely met with in associations of men for business, charity or other purposes." That workingmen in this country are prudent in managing simple business affairs may at once be granted, but no sensible workingman really believes that his associates can manage such a business as life-insurance more economically than the people to whom it is now mostly entrusted; and the clamor in favor of allowing labor unions to do a life-insurance business, which has just been instrumental in securing the passage in Massachusetts, over the Governor's veto, of a law admitting them to privileges which have, of late, been carefully guarded in that State, proceeds mainly from the "champions of labor," whose interest in the matter is sufficiently obvious, and who are said to have been "jubilant" at the passage of the bill.

THE Mazet investigation in New York occasionally brings out some interesting information. The other day, Col. A. S. Gear, who is well known in the profession of water-supply engineering, and who was once employed in the New York Water-Department, testified that more water leaked into the ground from the mains than was used by consumers in the entire city. This means, of course, that more than one-half the amount collected from the citizens for water goes to pay for saturating the ground under the streets and houses, through leaks due simply to the dishonesty of contractors and the negligence and inefficiency of department superintendents and other officials. In fact, considering that to double the capacity of mains, reservoirs and pumping machinery generally quadruples the cost, and that large sums are spent in "repairs" upon worthless pipes and hydrants, it would probably not be far from the truth to say that the citizens pay four times as much for water as they should. Whether a similar state of things exists in other municipalities than New York we do not know; but, if oil can be pumped without loss through iron pipes from the middle of Pennsylvania to Jersey City, it is a scandal and disgrace that the people of the largest city in America cannot get water brought forty miles without losing more than half of it on the way.

SANTA MARIA DEI MIRACOLI AND THE LOMBARDI. — I.

Lion of St. Mark.

PASSING across the Ponte di Rialto, from the region of San Polo which lies west of the Grand Canal, one dives down through a narrow passage into the Campo di San Bartolommeo, where the bronze Goldoni of joyous memory stands smiling down upon the crowd of hawkers round his pedestal on a market-day, while the pigeons circle about his head and alight upon his broad shoulders. Thence bearing off to the northeast through dark and tortuous passages in the general direction toward SS. Giovanni e Paolo, one comes at length upon a little bridge, spanning one of the minor canals, and is brought to halt before a picture which, to the eyes of an architect and art-lover at least, is of rare charm. In a small open space, and quite detached on all sides, one flank washed by the sluggish stream of the canal which passes beyond under another little round-arched foot-bridge and out of sight amid the houses round a bend, stands a building of no great size, its marbles richly mellowed by the suns and rains of the centuries, its modest roof scarce rising above the neighboring tiles, and only the graceful cupola at one end dominating the surroundings. The rich Italian sunlight is bathing its front, making its veined marbles glow with warm color, throwing into sharp contrast the soft gray Istrian stone of pilasters and arcades, firing into the brilliance of jewels the inlays of rare stones set here and there, defining against soft shadows the crisp leafage, the curling acanthus, the pearls and dentils and scales of its carved ornament, and the spring of its mouldings, and playing reverently about face and form and draped fold of its figure sculptures.

But as of yesterday it seems, and yet four hundreds of years have gone since it was set in this quiet nook of old Venice. Around the exquisite little edifice, whose ecclesiastical character is not at first apparent in an exterior somewhat strange to eyes accustomed to the almost invariable cruciform plan of the churches of Northern Europe, about this memorial of a great and brilliant past cling memories of a race of artists, of sculptor-architects, who did great things for the art of Venice in the period of her greatest splendor. If this alone, of all their many works, remained to us, their fame would be scarce less, for it is a perfect epitome of their remarkable genius. To rightly understand and appreciate what we have in this most interesting of Venetian Early Renaissance monuments, it is necessary to have a look into the past which preceded it, to search out, as thoroughly as the regrettable paucity and vagueness of contemporaneous record will allow, what has been set down by the old writers concerning the time which gave birth to the extraordinary men who made it; to trace the tendencies, the influences, which gave direction to their talents, and to bring together the results of modern investigation and critical comparison in determining their authenticated works. In this résumé it will be endeavored to give authorities, so far as possible, in all cases for statements of fact, and where opinions are quoted to accredit them to their proper source — that is when they are of sufficient originality to make it worth while. Where one is merely stating the sum of public opinion on certain points, it does not seem of great importance to append a long list of writers who may already have made the same observation. The bibliography of the subject will be listed at the end of these papers.

This church[1], "the little jewel of Venetian churches, Santa Maria dei Miracoli," as Burckhardt introduces it, possesses the unique interest of having been begun and completed within the decade which witnessed as well the most brilliant activity of its designer and the blossoming of the Early Renaissance at Venice. It was built entirely after the plans and under the direction of an architect, the greatest in the Queen City of the Adriatic in his day, the period of her greatest splendor, one whose genius has perpetuated his name in that of the exquisite style which he developed with such mastery of skill.

The whole extraordinary mass of sculptured ornament which enriches its marbles within and without, and makes of the church a veritable casket, bears the unmistakable seal of his individuality, and much of it is from his own chisel, or is the handwork of his almost equally famous sons. For this architect was also a great sculptor, as was Rizzo of Padua, his brilliant rival and the representative, in the third generation, of Donatello's school in Northern Italy; as was that illustrious pupil of the mighty Brunellesco, Michelozzo Michelozzi, who is said to have brought the first message of the Tuscan Renaissance to the City of the Sea; as, in fact, were the other great ones of the building-arts in his day, the day of the sculptor-architects, which ended when Bramante's ripening genius brought in the reign of the painter-architects. He was called Pietro Lombardo, or Pietro di Martino Lombardo, after his father, Martino. By accident of birth alone he was a Venetian, though perhaps also by right of blood through the mother, his father having come to Venice, to take part in the extensive works on the building of the church of San Zaccaria, which were being commenced about the middle of the fifteenth century, and settled there, the founder of an illustrious race. Recent research and, notably, the investigations of Cecchetti and Caffi — the valuable results of which have appeared in Cecchetti's "*Nomi di pittori*" and in Caffi's "*Solari artisti Lombardi nella Venezia*" and "*Alcuni Architetti e Scultori della Svizzera Italiana*," publications of the Archivio Storico Lombardo, Milan, 1885, Nos. 12 and 13, — have established Carona, a village on Lake Lugano, as the origin of this famous family of artists, whose name was properly Solaro. The fact that there were at this time in Venice many from Carona, and that region, who belonged to the group of "Lombardi lapicidi," and were masons, constructors, sculptors, and generally, as the name signifies, workers in stone, would account for the appearance of our artists in the building-records under the name of "Lombardi." Caffi finds that "the Solari seem to come from the country of Solaro, in the province of Como, near the castle of Seprio."

"A little later," he adds, "we find a branch in Casate, on the lake of Como, near the eastern Sponda, Tremezzina, to which belongs the distinguished sculptor Antonio di Pietro di Martino, who did exquisite work at Venice and Padua in the first years of the sixteenth century, and who settled afterward in Ferrara and gave to the arts three sons, Girolamo, Aurelio and Ludovico, who were specially distinguished in the works of the Sanctuary of Loreto."

Tullio Lombardo, whom that savant critic, Pomponius Gauricus, esteemed as the most finished of Venetian sculptors, was by far the more distinguished of Pietro's sons. Perkins mentions a third, Giulio, whom the historians ignore, and states that they were all at work under Rizzo on the Ducal Palace. This circumstance has deceived some writers into giving the credit of their training in sculpture to Rizzo; but the eminence of their father, and the evidence that they constantly worked under his guidance and were associated with all of the most important productions of his *atelier*, render this claim quite untenable. The plans for San Zaccaria are generally attributed to Martino, the father of Pietro Lombardo. Eugène Müntz — "*Histoire de l'Art: Italie, Les Primitifs*" — also mentions Antonio di Marco as their possible author, and the inventor of the remarkable front, in which he finds certain detail analogous to that of Santa Maria Novella, while in the half-round frontons or gables he discerns a survival of Byzantine motives. "The choir," he remarks, "is still half Gothic." It was the part first commenced, and

Church of S. Zaccaria, Venice.

may even have been from other hands. There are many similar cases of churches, commenced in the Transition Period or earlier, which received their façades and final completion under Renaissance artists. A notable instance is the church of Santa Maria Novella at Florence,

[1] See *American Architect* for August 29, 1896.

for which Leon Battista Alberti built the façade in the incrusted style of the Early Renaissance; another is the Memorial Church of San Francesco at Rimini [1], which he finished in Neo-Classic. Sigismondo di Malatesta intended this church for the last resting-place of himself and his family, and the philosophers, men of letters, and artists whose friend and patron he was. His architect had got a Gothic building well under way, when Malatesta, deciding that he would prefer a temple in the more elegant new Florentine manner, called in Alberti, the great consulting architect of the time, who with remarkable skill was able to convert the already well-advanced construction into one of the most successful examples of his Neo-Classic style. This may have been, doubtless, in some degree what happened at San Zaccaria.

The last exhaustive work on the Venetian Renaissance is that of Pietro Paoletti, "*L'Architettura del Rinascimento*,"—Ongania, Venice, — of which we have the first volume, a book whose splendid page and illustration are worthy of the ancient glory of the Venetian bookpress. Although the evidently deep research of Professor Paoletti does not seem to establish Martino in the first place on the works of San Zaccaria, it leaves no doubt of his important connection with this, the first example of the style, and of the founding in Venice at that time of the famous school of the Lombardi, to which her architecture and sculpture owe so many works of great elegance.

Burckhardt's estimate of the Lombardi in his work "*The Cicerone*," generally accepted as authority on this and kindred subjects, assumes that they were rather a colony of Lombard sculptors than one family. Later and more particularized research, however, has definitely determined the preëminence and continued leadership of the one family, the Solari. The colony of artists was there, but under their control.

Burckhardt maintains that their style was similar to that of all contemporaneous good work in Northern Italy, and properly attributes it to Tuscan influences affected by certain characteristics purely Venetian — affected also by tendencies of North Italian art, one must add. In this the cold logic of Tuscan architecture never found full response. The romanticism of her transalpine neighbors which had ever measurably affected the art of Lombardy was never quite unfelt. While in Tuscany the church-front was usually an expression of the body-construction, in Upper Italy façades were frequently executed which were only a pretext for quite arbitrary decorative work, galleries, — as in the Romanesque churches, — engaged columns with nothing to carry, arches, colonettes, sculptures frequently without the least *raison d'être*. Meanwhile the dome, introduced with the Byzantine style by the artists brought over from Byzantium for the building of the octagonal church of San Vitale at Ravenna, about the middle of the sixth century, remained a distinctive feature of North Italian church-architecture up to the Baroque period.

The elements of Byzantine, mixed with debased Roman, the only models known in Italy during the Gothic rule, had finally built-up the style known as Romanesque, from which, strengthened and purified by an ardent return to the antique, and ignoring the interval of Gothic, never quite nationalized on Italian soil, we may derive the architecture of the Renaissance. Survival of Classical tendencies, in no period entirely eliminated from Italian art, offers an easier evolution of the Classical revival which swept all Italy in the Cinquecento than the theory of a deliberate substitution of antique for Gothic forms, of an abrupt adoption of different systems of arches, vaults, openings and ornament which were to suddenly and utterly replace the ogival. In truth the transition was effected less rapidly than elsewhere at Venice, where the charm of her own beautiful Arabo-ogival lingered long in the taste of her artists.

The influence of Tuscan on Venetian art, while not always clearly traceable to individual Florentines, is distinctly visible and unmistakable as a movement. In truth very little that was purely Venetian remained in this work which we are now about to consider. Certain Byzantine reminiscences there were, found in conjunction with Florentine methods, composing what the critics generally unite in pronouncing an incoherent mixture, an incongruous jumble, but which has, assuredly, for those of us not too furiously purist, very much of the beautiful and a charming originality.

Constructively, the striking feature of the architecture of the Lombardi was their adherence to the method of incrustation of exterior and interior surfaces of their buildings with rare marbles, porphyry, serpentine, verd-antique, and other precious stones, by means of which they obtained color-effects of great richness but sometimes lacking, perhaps, in repose and homogeneity. The assemblage of incongruous elements was, indeed, sometimes too daring. In the façade of San Zaccaria there are, as Müntz notes, all of the five orders, one above the other, worked into small galleries or arcades of purely ornamental intention, and recalling Romanesque motives. Reversion to the Romanesque was not infrequently in certain parts of Northern Italy the first symptom of antique revival. The round gables and the fashion of letting into the walls discs of colored stone, framed as medallions, or composing patterns within a border in the Byzantine manner, were features peculiar to the style which do not altogether commend themselves.

The feeling for color is always very strongly apparent, and, if it were not originally marked by excess of refinement, time has mostly veiled and softened away the faults.

[1] See the *American Architect* for April 29, May 27, June 24, 1893, and February 20, 1897.

While perceiving the perfect originality and dainty fancy of these façades, one perhaps admits that for ecclesiastical and municipal buildings they are lacking in monumental dignity. The style is in fact the outcome of old methods and styles largely developed from the necessities and opportunities peculiar to Venice in her situation and her relation to the world. The easy pillage of the island towns of Greece supplied her for centuries with precious marbles, but mainly in pieces of small dimension, owing to the difficulties of transportation in the light-draught vessels of the day. The assembling of this collection of odds and ends into structural masses gave rise to what one might call without meaning irreverence a sort of glorified junk-shop architecture, of unlimited possibilities in the attainment of the picturesque, of a character distinctly decorative, but occasionally falling short, as has been said, of the desirable monumental impressiveness.

Venice had been loth to relinquish the beautiful architecture which had grown to such perfection and was so full an expression of her splendor, the charming style which we know generally as Venetian Gothic. This style, learnedly defined by a Venetian savant, the Marquis P. Salvatico, as "Arabo-archiacuto," and which Mr. Ruskin has immortalized for us in one of the most delightful books ever made, is one of the great gifts of art to the world. Long after the domination of Tuscan influence was assured did the Venetian artists cling to their old allegiance. Charming palaces with the familiar features of the superseded style were still erected; echoes of the olden time continued to invade more important works, as witness the ogival gallery around the new court of the Ducal Palace, even after the Florentine Renaissance had become thoroughly nationalized. The unity attained by the great Florentine Quattrocentists, Brunellesco, Michelozzo, Alberti, Rossellino, was never reached here. Reminiscences, which could not be quite banished from the new work, gave it a flavor of Oriental, Gothic and antique influences, entirely local and characteristic. Redundant richness, an ill-considered multiplication of good motives in the one design, a sometimes crude mixture of elements, were the theoretical faults, of which the results, sometimes bizarre indeed, were always charmingly in accord with their picturesque settings. The unapproachable excellence, the quality in which this style will live as a school of the first order, lies in the amazing fulness and absolute virtuosity of their sculptured ornament. Not that we may deny to the Lombardi the possession of architectural taste and knowledge of the highest rank, — in the work of Pietro there are bits of constructive design which admit no superior, at least in Venice, — but in the field of decorative sculpture it was that they reigned supreme.

We have seen this remarkable family traced by Cecchetti and Caffi to the villages of Carona, in the region of Lugano, and Casate, on the shores of Como. It seems at first sight an unlikely origin for an architect and sculptor of the importance of Martino Solaro, remote from the centres of culture, smacking rather of rusticity than of the elegancies of art. But, strangely enough, this distant region, well up under the great wall of the Alps, amid the unique beauty of the Italian lakes, had long been the source of the best artist-families of Lombardy, a veritable cradle of architects and sculptors, from which, for generation after generation, for century after century, artists had gone forth to the cities of the Lombard plain, into the Emilia, east to Venice and beyond, southward to Rome, to Naples, to Sicily, westward and northward into France and distant Spain, gone to achieve renown, through leaving to the world some of the noblest monuments of architecture and sculpture, and founding schools of art which have perpetuated and spread far and wide the influence of their genius. It is a most interesting page in the history of art, a page well worth amplifying into a chapter. We will merely glance at it now in connection with our present subject, drawing upon the summary of Perkins in his admirable "*Handbook of Italian Sculpture*," and upon the researches of M. Caffi and the older work of Ciceri, on the documents of the cathedral of Como, for our facts. To begin, then, with the stem of this extraordinary family-tree of artists, we have the Maestri Comacini from the islet Comacina, in the lake of Como, which after the descent of the Lombards upon Italy became the home of a little colony of skilled native craftsmen, whose work, and that of their descendants still bearing the name, is traceable over a period of two hundred years. We find in the ninth and tenth centuries, according to Caffi, these Maestri Comacini, men of the diocese of Como, still "diffusing the building art through Italy, whence into the whole of Western Europe."

There were also the Campionesi, of Campione, in Lago Ceresio, whose works in the fourteenth and fifteenth centuries at Milan, Monza, Bergamo, Verona and Modena, works sometimes signed, sometimes established by documentary evidence, put their names first in the architecture and sculpture of Lombardy, whose traditions of art they carried on and amplified through stage after stage of development.

The Antelami, of the Valley of Antelamo, in the Province of Como, one of whom, Benedetto, was architect and sculptor of the baptistery of Parma, and the men of Carona, were adding in many parts, during the Early Renaissance, to the fame of their birthplaces. Bertoletti, in his "*Artisti Lombardi a Roma*," has dug out of the ancient records many names of men of the Como district who were the architects of churches, hospitals, and confraternities in the Eternal City during the Quattrocento and later.

Rahn, in his "*Wanderstudien*," has discovered in several insignificant villages of Ticino, the Italian Switzerland, of Lugano and Maggiore, the birthplaces of men who have cut their names into some of the most famous works of Lombard Renaissance.

And finally, upon the Certosa di Pavia, than which the fifteenth century offers no more remarkable structure, and which Burckhardt finds the most superb monument of decorative sculpture in Northern Italy, worked thirty of the best Lombard masters, among them the great Christofano Solaro, Il Gobbo, one of Carona's most famous sons.

Our Solari, or Lombardi, then, came of a famous old stock, which had been supplying to Lombardy, to the whole of Italy, to the world, architects and sculptors from the time of Theodoric. At the same time it must not be forgotten that this flower of Lombardy, springing from Alpine slopes, had not reached its bloom without fecundation from many a wandering bee of the great Tuscan hive of art, who, sipping honey in these northern pastures, left behind him the vivifying influence which was the soul of its exquisite beauty. Another characteristic to be noted — in considering the art of Northern Italy the student will not fail to be strongly impressed by the fact of its corporate character. He will find groups of men, great societies of artists, working under their chosen leaders. In the succession of these masters he will be struck with the recurrence of the same family name, indicating an inheritance of talent, from generation to generation, of a very remarkable persistence. But while these names come to the front in the records, there is discoverable in the works themselves indisputable evidence of division of labor, certain inequalities of rendering which speak clearly of different hands at work. At the same time, the ground-tone, the traditions of the workshop, the manner, are recognizable, and we have, in fine, rather the average of their capacity than the brilliance of individual genius.

This would apply to the known work of the Campionesi, and in a lesser degree to that of the dalle Masegue, to that of the family Buon, to a certain extent also to that of the family Solaro (Lombardi). Brito gives an instance in point of six artists engaged upon one statue of the Magdalen in Milan.

The masters of companies made contracts for the building and adornment of churches, portals and altars, for monuments and statues. The work was partitioned among the members of the school or *atelier*, who all shared in the labor and emoluments. This system, according to existing records, which go back to the eighth century, prevailed in Northern Italy from very early times up to, broadly speaking, the middle of the Cinquecento. It was in a measure, to borrow a simile from the modern terminology of a sister art, the stock-company system, while in Tuscany the star plan prevailed; and among stock companies the Lombardi were the players of Saxe-Meiningen.

There was an unbroken transmittal of the traditions of building, and of sculpture, decorative and monumental, from father to son, from school to school. Each great monument grew under their hands the legitimate heritor of its immediate predecessor. Influences succeeded one another in giving direction to the tendencies of these groups of artists. Ever strong upon them was the influence of Tuscan art; down through the valleys of the Alpine land flowed ever the streamlets of German romanticism to be absorbed in the flood of their inventions; from France floated hints of the exquisite Gallic art of an over-ripe Gothic; from the East and over the sea came in the Oriental fantasy which stamped its character upon Venetian architecture and decoration.

Assimilating all these currents, the river of Lombard art, of North Italian art, flowed on its great course, its grandest tributary, the one which really colored the flood and gave it force, flowing into it from Tuscany.

A. B. BIBB.

[To be continued.]

LONDON ART JOTTINGS.

WHEN one runs through the picture-galleries of a city in order to send notes to friends at home, it is of little use to describe works which they may never see. But on the other hand, it interests us all to know how art progresses far away, and to hear from an eye-witness which way the æsthetic wind is blowing. That Mr. Orchardson is this year finer than ever in portraiture, quite equalling any painter, past or present, in that particular line; that Mr. Herkomer sends his full number of eight pictures — all, I think, portraits; that Mr. Sargent is unfortunately following too much in the steps of his master, M. Carolus Duran, in deftness of touch and sketchiness (he is singularly unfortunate in the type of woman he seems called upon to paint — excepting always Miss Octavia Hill and Miss Jane Evans); that Mr. This is much the same as usual, and Mr. That feebler and far worse than usual: all this may be said of this year's show, as it was said last year, and has been said time after time. But what is unusual is that the sculpture is far better than in exhibitions of some years ago — it is quite a revived art and our sculptors are branching out into various decorative styles, working in metal and enamels, as well as in marble and bronze. A very charming combination of carved-wood and wrought-tin may be seen in "La Paimpolaise," the bust of a girl, by Mr. F. Derwent Wood. Many works of this character may also be seen at the New Gallery in Regent Street. In pure sculpture Mr. C. J. Allen's "Rescued" (R. A.), is very charming. Mr. Anslow Ford's marble bust of the Queen (R. A.) is also a very fine example of workmanship, as well as an excellent unrejuvenated portrait.

It is difficult to say which of the three Jubilee pictures is the finest. Mr. Charleton's is possibly the most artistic; Mr. Gow's the best in portraiture; and Signor Gennaro d' Amato's the most brilliantly sunny. But the most-discussed work of the year is Mr. Byam Shaw's "Love, the Conqueror." This artist is young and undoubtedly clever and original; he is said to be a colorist, which may be true, if being a colorist means clapping on paints of various hues as they are squeezed out of the tubes. But if we look at those masterpieces by Turner now on view at the Guildhall — some hundred or so of his finest works (of which "Mortlake" and "Barnes Terrace" may certainly be counted as among the best); if we study color as Turner gives it us — and surely we all agree that he was essentially a colorist? — or if we look at the work of Rembrandt, another great colorist, it is difficult to see where the color as distinct from paints comes in. Mr. Shaw's picture represents Cupid on a Mediæval war-horse standing on a grassy hill, surrounded by his heralds, while a long procession issues from a battlemented, turreted town. As the miscellaneous crew passes on, we see some thrown down, others caught in rose-colored ribbons held by other little Cupids dancing joyfully along. Dante heads the procession, and we easily recognize Shakespeare, Henry VIII, Falstaff, Beethoven, Charles II, Mary Stuart, Queen Elizabeth, Fair Rosamond, Lohengrin, Nelson (why cut in half by the frame?) and a host of others. It is decidedly an original work, but completely wanting in charm of any kind. It is a curiosity, and reminds one of those other curiosities of former days, painted by Professor Leys and M. Van Beers before the latter went into the (apparently) colored-photograph line of business. Mr. Shaw is well boomed; for he may be seen *en petit* at Dowdeswell's gallery in thirty-nine works, more or less eccentric, entitled "Thoughts suggested by some Passages from British Poets." One or two of these, salutary satires upon certain phases of modern society, are more grateful to the ordinary artist than the phantasmagoria of "Love, the Conqueror," and such-like subjects.

At the New Gallery Mr. Watts also reads us a morality, but with how much more pathos and feeling — an angel weeping over the brilliant plumes of slaughtered birds, called "Dedication." Engraved, the picture forms the frontispiece of a pamphlet issued by the Society for the Protection of Birds, endeavoring to instil into womankind pity for the beautiful creatures who are massacred by thousands to decorate their hats and bonnets. Vanity is said to be the cause. But surely flowers and ribbons and ostrich feathers are as becoming as the plumage of rare birds, which are fast becoming, in consequence of the brutality of fashion, extinct, or nearly so.

There is a lull in the abuse of Sir W. Richmond's scheme of color at St. Paul's, and possibly the ill-nature which caused it is dying out. That the work has a very fine effect, many of us contend; and the cleverness by which the artist leads up gradually from the stone below to a blaze of color above is very fine. No work, here below, is perfect; if we search through all the fine churches of Italy, cannot we pick holes in the drawing, or the coloring, or the composition? So it is at St. Paul's — and Sir W. Richmond is not infallible. But envy, hatred and malice silenced; ignorant peers and prejudiced M. P's. put out of court; the world will agree (possibly not before we have all passed away) that the noble work of Sir W. Richmond at St. Paul's is as magnificent as that of any of his Italian forerunners, in spite of certain shortcomings.

M. Bing, of Paris, is showing a collection of bronzes at the Grafton Gallery, by M. Meunier, all incidents in the lives of miners and field laborers. They are instinct with life and passion, serious, and above all things realistic — so much so, that they are a consecration of the laborer's life. "*Souffleur de Verre*," "*Le Semeur*," "*Pêcheur boulonnais Abatteur*," "*Faucheur*," "*Hercheuse à la Pelle*," "*Viel Ouvrier*," are some of the subjects — purely working-class subjects, but in M. Meunier's hands, labor, even the labor of the miner, becomes ennobled by beauty of form and earnestness of character. The powerful, muscular bodies of the miners or field laborers afford as much variety of attitude to the artist as the Apollos and Hercules of the Greek sculptors; and withal, the never-ceasing battling with danger in the pursuit of duty gives a human interest and touches a pathetic chord in us, which the perfection of Greek art fails to accomplish. The great Belgian artist gives us these statuettes of miners, as Donatello gave us the St. John's, and the angels; and as the Greeks left us their gods and goddesses; because he knows the life and sympathizes with the men who lead it. He is a poet too — as were his forerunners — but the charm of his work is that it is felt and loved by the artist. The sculptors who repeat the work of the Greeks can have no sympathy with their subjects; but the every-day work of our laboring classes appeals to all of us in its joys, its sorrows and its dangers. Hence the artist that portrays this kind of life in modern fashion gives us a living instead of a dead art.

This exhibition also contains a large number of specimens of the exquisite Tiffany glass, and some very artistic jewelry designed by M. Colonna.

A memorial is to be sent to the Dean and Chapter of St. Paul's, "that, before completing the decorations, the opinion of experts may be taken as to the desirability of continuing the present scheme." The "representative" names signed to the memorial include many persons distinguished as statesmen, picture-dealers, writers upon art, obscure peers and M. P's., publishers, sportsmen, architects, art critics, collectors, and John Burns, the excellent leader of the labor party. The list only needs "Mr. Punch," who diverts us, each week, by singularly spiteful letters from "correspondents," in very doubtful taste.

It is to be hoped that the Dean and Chapter may stand firm. The

main argument against the mosaics is the style, *i. e.*, the Byzantine, which precedes the building by many centuries; but the Greek church gives Sir W. Richmond a precedent for this, which he unfortunately omitted in his long and exhaustive letter to the *Times* of May 6; namely, the fact, that in every modern church erected in the East in the Classic styles of architecture, the mural decorations are exactly the same as in the buildings of the early centuries of the Christian Church. The Orthodox Church has never advanced with the times. But as regards St. Paul's, when the apse was first uncovered, displaying the conventional Byzantine figure of "Our Lord in Glory," very few persons objected; and even now, the great outcry is against veneers of marble and the paintings of mouldings; the objectors offering no alternative for small and flat surfaces and spaces, and forgetting, as the artist has pointed out, that all old churches and temples were colored. Surely these opposers would not have plain stone below a mosaic apse or dome? The whole opposition strikes an outsider as so utterly inconsistent, petty, and ignorant, that one can only surmise that personal feelings have allowed otherwise just men to let their tongues and pens run away with them.

S. Beale.

THE MODERN PATENT MIRROR.

A WRITER in the Boston *Transcript* says that many persons may wonder why their recently purchased mirrors have to be taken from their settings every few years and resilvered, while mirrors purchased twenty or thirty years ago are still as good as new. A thorough understanding of this subject can be best obtained by a brief description of the methods and materials used in the manufacture of the mercury mirror, and also of its substitute, the "patent-back mirror."

The process of manufacturing a mercury-back mirror is first to clean and thoroughly dry the plate of glass, then spread a sheet of tinfoil a little larger than the glass on a silvering table, the top of which may be stone, or heavy plate-glass; in either case it must have a perfectly level and smooth surface; brush the foil out perfectly smooth and pour onto it liquid mercury to the depth of a quarter of an inch, or so; this mercury is retained on the foil by small strips of glass on three sides; then float the plate of glass to be silvered into the mercury from the open side; in doing so, it is absolutely necessary to keep the table, mercury and glass on a perfect level, as the glass cannot be floated on the mercury, but must be pushed into it so that from beginning to end its lower edge will cut into the mercury. After the plate has been successfully floated, heavy iron weights are placed thereon to give the required degree of pressure to force out the surplus mercury which does not combine with the tinfoil. The table is slightly tilted by means of a vertical screw under one of its edges and the surplus mercury drained off into a suitable vessel. The mirror is kept in this position for twenty-four hours to enable the amalgam to solidify. At the end of this period the mirror is removed from the table; this is both a difficult and delicate operation, and requires quite as much skill and care as in the operation of floating, as only the edges of the mirror can be handled; the slightest abrasion on the silvered surface will destroy the mirror. When removed from the table the mirror is placed on a rack to dry and allowed to remain there from twenty to thirty days; even then the amalgam back is so tender and susceptible to damage by friction in handling, while packing, shipping or setting up, that manufacturers estimate about 25 per cent of them are destroyed at this stage; but once properly set without damage to the silvering, the mercury-back mirror is good for all time unless damaged by actual violence.

The process of manufacturing a "patent-back mirror" is as follows: First wash the glass clean, then place it on a table heated to a temperature of 120 degrees; a solution composed of the following chemicals: four ounces of nitrate of silver dissolved in nineteen ounces of water, two ounces of tartaric acid, and three ounces of stronger water of ammonia, which forms a clear, transparent fluid, is then poured on the surface of the glass and allowed to remain there for about one hour; the glass is then tilted and the surplus solution is drained off. The surface is then washed with distilled water and placed in a rack in a drying-room, at a temperature of above ninety degrees, left there for half an hour, after which the silvering is coated with shellac varnish, to which is added a little later a heavy coat of paint; this is allowed to dry, when the mirror is ready for use.

Such in brief are the methods and materials used in the production of the ordinary "patent-back mirror." This mirror can be handled in packing, shipping and setting up, with practically the same impunity from damage as an ordinary plate of polished glass.

The advantages accruing to the mirror manufacturer in the production of the "patent-back" as compared with the "mercury mirror" are quite apparent, and are summed up briefly as follow: The "patent-back mirror" can be produced in one-tenth part of the time, for one-fourth part of the labor, and about the same expense of raw material, as compared with the "mercury mirror," by the process heretofore described; it can be handled without danger of damage, which is also in its favor from the mirror trade point-of-view.

The mirror trade quickly realized all of these advantages in its favor, in adopting the "patent-back" as a substitute for the mercury mirror, but none understood better than they the low-grade quality of mirror produced by this unstable and uncertain chemical compound, and foreseeing that if any knowledge of this fact got out it would materially check their introduction into general use, therefore the mirror trade gradually substituted them for mercury mirrors without a word of explanation or comment, leaving the public to find out by experience the difference in quality and durability.

All of the furniture, mantel and house decorating trades are aware of the short life and poor quality of the "patent-back mirror." They are deluged with complaints from their customers, and have frequently to resilver mirrors before they can dispose of them, but the great majority of users, while they know they have to tear their mirrors out of their settings at great expense and inconvenience, to have them resilvered, are not aware that they do not have mercury mirrors. This class of people ought to know that mercury mirrors can be purchased, that they cost more at first, but are permanent.

The mirror-using public may rest assured that, however fine the quality of the glass used in the production of a nitrate-of-silver mirror, while it may appear perfect when finished, such a mirror will steadily deteriorate and give imperfect reflection as to color, become dim, streaked, spotted or scale off, as the chemicals become crystallized, or the protecting varnish and paint crack and admit the air.

BOOKS AND PAPERS.

MR. WM. PAUL GERHARD has rewritten and greatly enlarged his book on the "Drainage and Sewerage of Dwellings," and formed it into the first volume of a new series devoted to the "Sanitary Engineering of Buildings."[1] It is hardly necessary to say that Mr. Gerhard, who is constantly engaged in practice as a consulting sanitary engineer, is well acquainted with all the improvements that are made in plumbing-appliances and methods, and the professional man, who does not need to be instructed in regard to the general principles involved, is sure to find in his book just the sort of expert criticism of the newest apparatus that he most needs, while the lay reader is remembered in concise but vivid illustrations of the conditions which modern sanitary engineering seeks to ameliorate, and the means that it employs for the purpose. Mr. Gerhard is always frank in expressing his convictions, and it is with interest that we turn to his chapters on points in regard to which opinions differ, to see what his present views are, and whether increasing experience has led him to change any of those which he has expressed in earlier books. In regard to the question of back-venting of traps, while Mr. Gerhard has for years believed the venting unnecessary, he has always been careful to point out the way in which plumbing systems without back-vents should be arranged to prevent siphonage, and it is interesting to find that, where proper precautions are used, he is more firmly convinced than ever that the system of piping without back-vents is "vastly superior, because safer, simpler and cheaper," and that his numerous experiments "have demonstrated the fact that no siphonage can occur and that the system is secure and efficient." With such testimony, only repeating what Mr. Gerhard has for years maintained, coming from an expert who could have no interest in advocating anything except what extended and responsible observation showed him to be the best possible practice, and confirmed by that of all the most distinguished experts in the country, it is certainly strange that the Board of Health regulations of nearly every city and town in which there are any regulations at all require, under heavy penalties, the use of a system which, according to Mr. Gerhard, "instead of giving positive security, creates new and sometimes serious dangers, and also entails an unnecessary and useless expenditure of money." One of the worst of the dangers involved in the back-venting system is, as Mr. Gerhard points out, and as every architect of experience knows, that, as the waste-pipe system is duplicated by a parallel system of air and vent pipes, connecting in all directions with the waste-pipes, it is very difficult, particularly in a building with much plumbing, to avoid "bye-passes," through which air from the sewer circumnavigates, so to speak, a trap, and is drawn freely into the rooms by the draught which, in cool weather, always sets in from the outside to the inside of a house. The water-test, usually applied to the waste and air pipe system on completion, will not disclose a bye-pass, for, as all the outlets are closed for testing, the water can escape, under the hydrostatic pressure, only at the joints, if at all; and a system may be shown by the water-test to be perfectly tight which, when the apparatus is in use, will discharge sewer-gas into the rooms as fast as it can be blown through an unobstructed pipe.

In regard to apparatus, Mr. Gerhard unhesitatingly condemns the "secret waste" wash-basins now popular, much preferring those with standing waste, or with outlet plug in the bottom, operated either by some outside mechanism, or even by the old-fashioned chain, or else the "siphon-basin," in which the waste is drawn through the overflow, which is thus flushed at each discharge. We must confess that this last apparatus is unknown to us. In regard to closets, Mr. Gerhard condemns the washout forms, for reasons with which every architect is familiar, preferring instead the better varieties of siphon-closets, or the newer "wash-down" patterns, which are simply short

[1] "*The Sanitary Engineering of Buildings.*" By Wm. Paul Gerhard, C. E., Vol. I, with 103 illustrations and 6 plates. New York: Wm. T. Comstock, 23 Warren Street. 1899.

hoppers with a large capacity for water in the basin, and, when provided with a well-arranged flush, constitute perhaps the best appliance of the kind yet invented. Many of Mr. Gerhard's readers will look anxiously through the chapters on "Apparatus" to see whether he has discovered a cistern-valve which will act without the gurgling and squawking which seems to be inseparable from such mechanisms, and will be sorry to learn that he has not found one. Some valves will work noiselessly for a time, but one which will operate permanently in a manner satisfactory to nervous clients seems yet to be desired.

In regard to the plumbing-apparatus of the future, Mr. Gerhard mentions with approval an idea derived from M. Piet, of France, of making linings and partitions in bath-rooms and lavatories of rolled plate-glass. As we thought of this idea, we imagine, before M. Piet, and carried it into execution, it may be well to observe that while such linings and partitions are, as Mr. Gerhard says, "perfectly aseptic, and readily cleaned," they present such enormous difficulties in connection with the drilling of holes for the passage of pipes through them, or for the bolts or screws required for attaching apparatus, that they are very expensive in use, as compared with marble, and it is difficult to make a neat finish at the edges and joints, the plan which Mr. Gerhard proposes, of setting them in iron frames, being obviously unsuited to anything but the coarsest and roughest work.

THIS new edition of Professor Unwin's book,[1] containing the additional information with which ten years of experiment have enriched science, will be welcomed by all persons interested in the study of the strength of materials. It is a peculiarity of the present age that nothing is taken on trust. To be informed by personages of distinction that brick is a fireproof material, and that steel is brittle, is no longer sufficient to satisfy us; we wish to know, by actual tests, under what circumstances brick is fireproof, and under what conditions, if any, it is not so; and in regard to steel, of which there is an infinite variety of grades, we insist upon ascertaining, by tests which we make as thorough as possible, whether all the qualities are equally brittle, and what makes them so, and whether any steel can be made which is not brittle. A good deal of moralizing might be done on this modern passion for tangible knowledge, but it is enough for the present purpose to observe that it has revolutionized engineering methods and materials. We may not know everything that is to be known about building-materials, and, in fact, the more we learn the more we find to study; but, at least, we no longer use cast-iron beams in construction, or consider "a large stick," cut "at the full of the moon," adequate to sustain a load of indefinite amount; while briquette-moulds and testing-machines have helped to bring the manufacture of cements to a perfection never before dreamed of, and have nearly driven from the market those varieties of mud which used to be sold to our fathers as "hydraulic cement." Mr. Unwin's book, after a long and interesting description of the machines and methods for testing now in use, gives an admirable account of the general results of modern tests. It is gratifying to notice that Americans have contributed greatly to the accurate knowledge of materials. The Emery testing-machine, at Watertown, has as yet no rival in the world for combined power and accuracy, and the ingenuity and scientific skill of Professors Lanza and Thurston and others in arranging novel experiments is properly appreciated. As those who read current technical literature are tolerably familiar with the course of such investigations, we need not quote from the convenient volume in which the results are recorded, but Professor Unwin makes one observation which is new to us, and is of great importance. Every architect and engineer knows something of that standing puzzle of science, the "fatigue" of metals, and has had duly impressed upon his mind the necessity for designing structures to be subjected to shifting loads with a very large factor-of-safety, to be prepared against the time when the bars and beams should, like Atlas, get tired of their work. The recent investigations of boiler explosions, which have shown how commonly minute cracks form in iron plates between or around rivet-holes, where a strain has been brought on the metal, by the use of the drift-pin or otherwise, have suggested the possibility that the rails, or tires of wheels, or axles, or steamship shafts, which suddenly break under a strain far below that which they were calculated to resist, may, instead of being tired or rheumatic, be cracked in some such way as the boiler-plates, and from the same cause; that is, by the gradual action of internal strains, due, perhaps, to flaws in the metal, the action of which is facilitated by the vibrations due to varying loads. That something of this kind is not improbable is shown by the fact that metal bars broken under "fatigue," that is, by repeated strains, usually snap across like glass, without the elongation accompanying ordinary fracture; but the cracks, if they exist, have not been discovered, and there is reason to suppose that they are, at the last moment, formed suddenly, for a bar to which a given load has been applied so many times that it is known that fracture would soon occur shows, when broken in a testing-machine, the same ductility and elongation as a fresh bar.

[1] "*The Testing of Materials of Construction.*" A Text-book for the Engineering Laboratory and a Collection of the Results of Experiment. By William Cawthorne Unwin, Professor of Engineering at the Central Technical College of the City and Guilds of London Institute. Second Edition. Longmans, Green & Co., London, New York and Bombay. 1899.

ILLUSTRATIONS

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THE FOUNTAIN OF NEPTUNE IN THE BOBOLI GARDEN, FLORENCE, ITALY. STOLDO LORENZI, SCULPTOR.

FOUNTAIN OF THE COMMUNE, VITERBO, ITALY.

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RESIDENCE FOR MR. W. COWE, ARCHITECT, HIGH ST., DENVER, COLO.

[Additional Illustrations in the International Edition.]

MAIN ENTRANCES: ST. PAUL'S METHODIST EPISCOPAL CHURCH, WEST END AVE. AND 86TH ST., NEW YORK, N. Y.

[Gelatine Print.]

HOUSE OF THEODORE L. DE VINNE, W. 76TH ST. AND WEST END AVE., NEW YORK, N. Y. MESSRS. BABB, COOK & WILLARD, ARCHITECTS, NEW YORK, N. Y.

[Gelatine Print.]

PREMIATED DESIGN FOR THE VICTORIA DIAMOND-JUBILEE MEMORIAL, SINGAPORE, STRAITS SETTLEMENTS. MESSRS. SILLS AND FRANCKEN, 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.*]

"THE NEW YORK CUSTOM-HOUSE COMPETITION."

NEW YORK, N. Y., June 15, 1899.

TO THE EDITORS OF THE AMERICAN ARCHITECT: —

Dear Sirs, — We noticed in the *American Architect* of May 27th an article entitled "New York Custom-House Competition," in which one of the signers of the agreement, which you are pleased to call the "Gentlemen's Agreement," enters a protest because some of the signers of the agreement had agreed to enter the Custom-House Competition.

As a signer of this agreement your correspondent received a copy containing the names of the signers, and it seems to us that it would have been a very simple matter for him to correspond with any of them about the matter instead of rushing into print anonymously.

For the information of the profession at large, we would state that the agreement to which your correspondent refers, under date of April 23, 1897, contains this clause: —

"The original agreement will be placed in the custody of the

Secretary of the New York Chapter of the American Institute of Architects, with instructions that he shall at any time, upon receipt of a formal demand in writing on the part of any one of the subscribers, erase his name from the agreement."

Your correspondent could therefore have obtained information very easily by addressing the Secretary of the Chapter.

On September 16, 1897, the following change was made in the agreement: —

"The undersigned having entered into an agreement under date of April 23, 1897, with regard to competitions and their conduct, hereby release each other from the observance of the said conditions, as far as the receipt of compensation for competitive designs is concerned which may be submitted by them in any limited competition for Federal Buildings, under the 'Tarsney Act,' during Secretary Gage's administration."

Secretary Gage before he undertook to enforce the "Tarsney Act" obtained the assurance from a number of architects, who had been actively interested in reforming the methods of procuring designs for Federal Buildings, that they would support him. It was understood by all of us that in order to obtain the ultimate result we would have to begin by making some concessions, and this matter of compensation for competitive drawings, as also the rate of commission, were two of the most important concessions which had to be made at first.

In the cases of the competitions which have taken place prior to the Custom-House Competition, no compensation was offered for the drawings, and the rate of compensation for professional services was on a sliding scale.

With every new competition the conditions are improving, and there is every reason to believe that ultimately we will obtain every reform that we have at heart.

In the case of the New York Custom-House the rate of compensation has been adjusted satisfactorily, and we have every assurance that the matter of compensation for drawings will also be satisfactorily adjusted at the earliest possible date. Any failure on the part of the profession to coöperate with Secretary Gage in his earnest desire to reform this branch of the service would probably result in a return to the old methods, and would be a decided step backward.

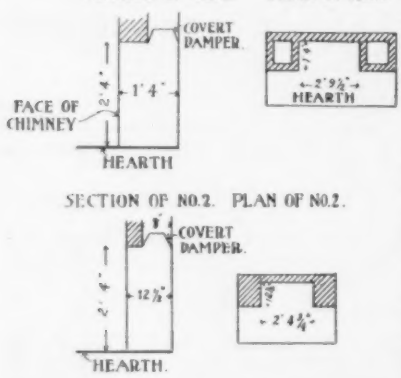
Yours truly, Carrère & Hastings.

SMOKE.

Rochester, N. Y., June 6, 1899.

To the Editors of the American Architect: —

Dear Sirs, — The accompanying sketches of two fireplaces recently built for us will illustrate them sufficiently for you to give an opinion why they smoke. Both are built of pressed bricks and have Covert's fireplace-throats and dampers as large as openings will admit.



Unless the wood is crowded against the backs the fireplaces smoke. The flues are good. Do you know of a treatise on the subject?

In a house we had built a year ago the windows are glazed with double sheets of glass in sash. In extremely cold or extremely warm weather the surfaces of glass in the enclosed air-spaces sweat. What is the trouble, and how can it be remedied?

Thanking you in advance for your opinion on these subjects, I am

Very respectfully, Otto Block.

[We do not know Covert's damper, but if it is put in as indicated in the sketches, it is too low down and too far back, and, probably, too large. The throat or opening for the smoke ought to be well forward, as long as the width of the fireplace, but, in most cases, not over two inches wide, and it should be at least six inches above the top of the fireplace opening, and the back of the fireplace should be sloped forward to it. Then the smoke which rolls up at the back or middle of the fireplace, instead of rolling out into the room, strikes against the back of the vertical wall facing the front of the fireplace and rebounds, and is drawn up the chimney before it can escape into the room; and stray threads of smoke at the front of the fire are drawn immediately up, instead of having to go back into the fireplace to reach the throat. Above the throat, there should be a sudden enlargement of the flue with a level shelf. This level shelf causes puffs of air down the chimney, which will sometimes be felt, to rebound up the chimney again, instead of directing them out into the room; while the narrowness of the throat just below is intended to concentrate the hot air and smoke from the fire, and start them up the chimney at their maximum temperature, instead of allowing a large quantity of cold air from the room to go up with them, reducing their temperature, and lessening the draught. Whether these principles can be applied in the case of your fireplaces, we, of course, cannot say, but the damper at least could probably be set higher up in the flue, and this would be an advantage.

Another cause of smoky fireplaces is often found in the shape of the chimney top. The trumpet-shaped tops, so beloved of Norman Shaw and others, often make the fireplaces smoke, because they deflect a horizontal current downward, and the change in direction of the flow of air outside the chimney induces a slight downward turn of the air passing over the opening of the flue. This can be remedied by putting on a new top, with an upward taper, which is always the best form for a chimney termination. Details in regard to fireplace construction can be found in "*Building Superintendence.*"

The sweating of the interior surfaces of the double glazing must be due to some imprisoned moisture which keeps the air in the space saturated, and ready to deposit condensed drops when the exterior temperature changes. If the glass can be taken out, the sashes thoroughly dried and painted, and the glass reset, the trouble would probably be cured; but if this should be insufficient, small holes could be bored into the air-space for ventilation. — Eds. American Architect.]

NOTES & CLIPPINGS

The Photographer an Artist. — In his contribution to the symposium "Is Photography among the Fine-Arts?" which is proceeding in the *Magazine of Art*, Mr. H. P. Robinson shows reproductions of two photographs. One of them represents the picture as it was first taken, the other what it grew to be under artistic treatment and with the definite end in view of producing a certain artistic result. He sums up: "It will be noted that the 'artist' had performed the following intellectual or artistic operations besides 'taking a photograph.' He had selected a scene in nature, decided on its composition and chiaroscuro and what he would leave out; made some necessary alterations; chosen a special and difficult effect; selected models and their dresses, and made a rough sketch of the arrangement, the result of many years' study; posed the figures; cut away part of his subject; removed some trees, as a draughtsman alters or redraws what does not please him; added a sky suitable to the pictorial effect required; printed the picture so as to suit his effect, and toned the print so as to intensify that effect. What has he done essentially different from the work of the draughtsman? The chemical part was even simpler than the use of the painter's pigments. The rest of it was due to thought and artistic invention."

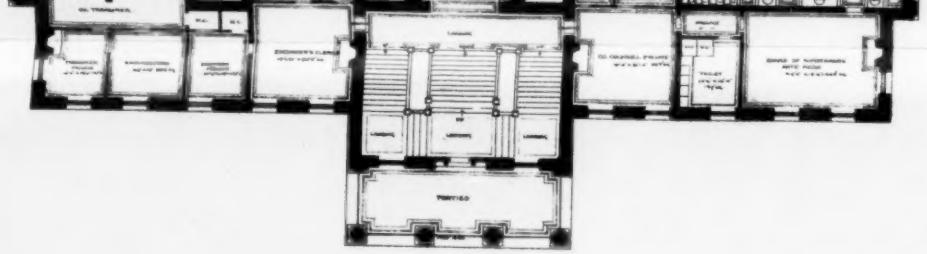
The Oil-Cement of the Ancients. — Samples of cement used in antique water-conduits about Ephesus and Smyrna were recently subjected to chemical analysis, and the results have proved interesting from the archæological as well as the engineering point-of-view. While the different samples were from water-works that dated from several centuries before Christ to three hundred years after, yet it was found that the general composition of all was quite similar. The chief constituent was carbonate of lime, but mixed with it was from 2 to 8 per cent of organic material. This was ascertained to consist of a mixture of fatty acids, and it is believed that the cement was the oil-cement which Pliny and Vitruvius mention in their works. Experiments were made with a cement consisting of burned lime and olive or linseed-oil, but it was not found to be permanent. On the other hand, a mixture of two-thirds air-slaked lime and one-third olive-oil hardened readily and possessed great endurance, leading to the belief that this was the composition of the ancient cements which were analyzed. — *N. Y. Evening Post.*

The Boston and the Bombay Railroad Stations. — In a communication sent to the *Herald* from Lowell the writer denies Boston's right to the claim of having the largest railroad-station in the world, and calls attention to the massive structure erected by the Great Indian Peninsula Railway Company at Bombay. He asserts that this terminal structure is not only handsomer and more expensive than the one in this city, but that it excels it in dimensions. Careful research failed to disclose the existence of anything reliable regarding the dimensions of the terminal at Bombay, and it was with the hope of securing authentic information in this direction that the *Herald* addressed a communication to the chief engineer of the Peninsula railway, with the request that he furnish such statistics of the station as would satisfy the public here as to its exact size, cost and area covered. A courteous reply came to hand in the last Indian mail, accompanied by a blue-print bearing the signature of Engineer Compton, and attesting to the accuracy of the statistics furnished. They are presented with those of the South station, for the purpose of ready comparison, and are as follow: —

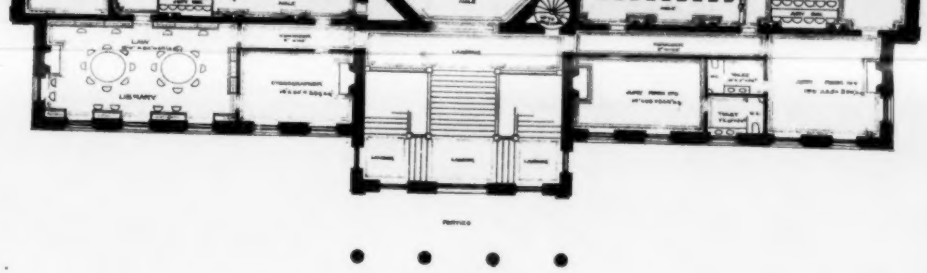
	Bombay station.	South station.
Area of headhouse site (square feet)	56,800	85,790
Number of floors in headhouse	3	5
Width of end platforms (feet)	84	90
Number of platforms	4	23
Length of train-shed (feet)	600	720
Widest span (feet)	116	228
Width of train-shed roof (feet)	270	570
Number of tracks	8	32
Baggage-rooms (square feet)	7,150	27,100
Waiting-rooms (square feet)	15,412	18,300
Refreshment and dining-rooms (square feet)	3,560	10,500
Cost	$1,190,000	$17,500,000
Date of execution	14 years	2 years
Total site (square feet)	319,000	506,430

In considering the cost of the Bombay station the fact should not be lost sight of that labor in India is fully 75 per cent cheaper than it is here, and, further, that the value of the land occupied was probably secured at a price considerably under that paid by the Boston Terminal Company. In regard to the date of execution it might be claimed, in the case of the Boston terminal, that a great deal of work remains to be done before it will be in complete operation, but this does not change the fact that it was made ready for occupancy within two years after the work of construction was started. — *Boston Herald.*

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



FIRST FLOOR PLAN



SECOND FLOOR PLAN

COMPETITIVE DESIGN FOR NASSAU COUNTY COURT HOUSE, MINEOLA, (L. I.) N. Y.

BROWN & BROWN, ARCHITECTS.

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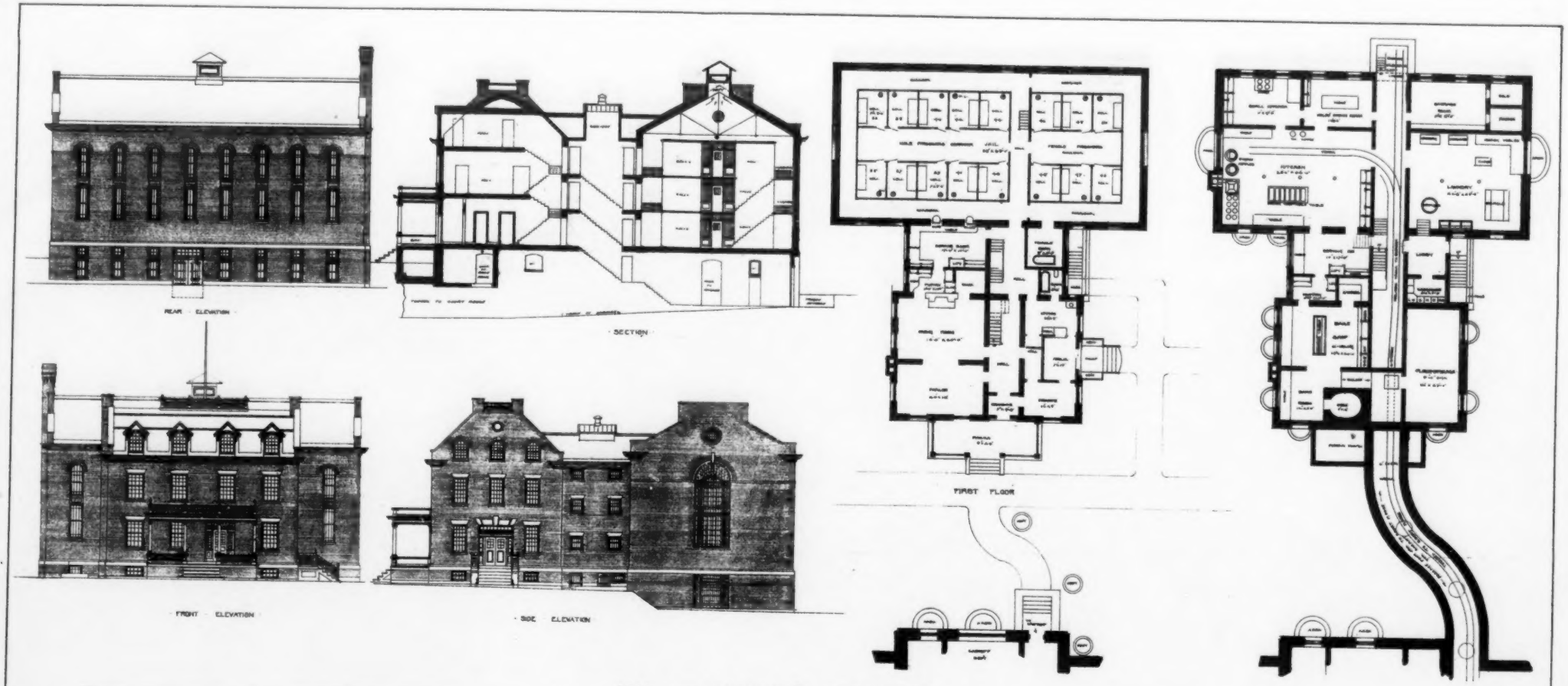

JAIL AND SHERIFF'S RESIDENCE

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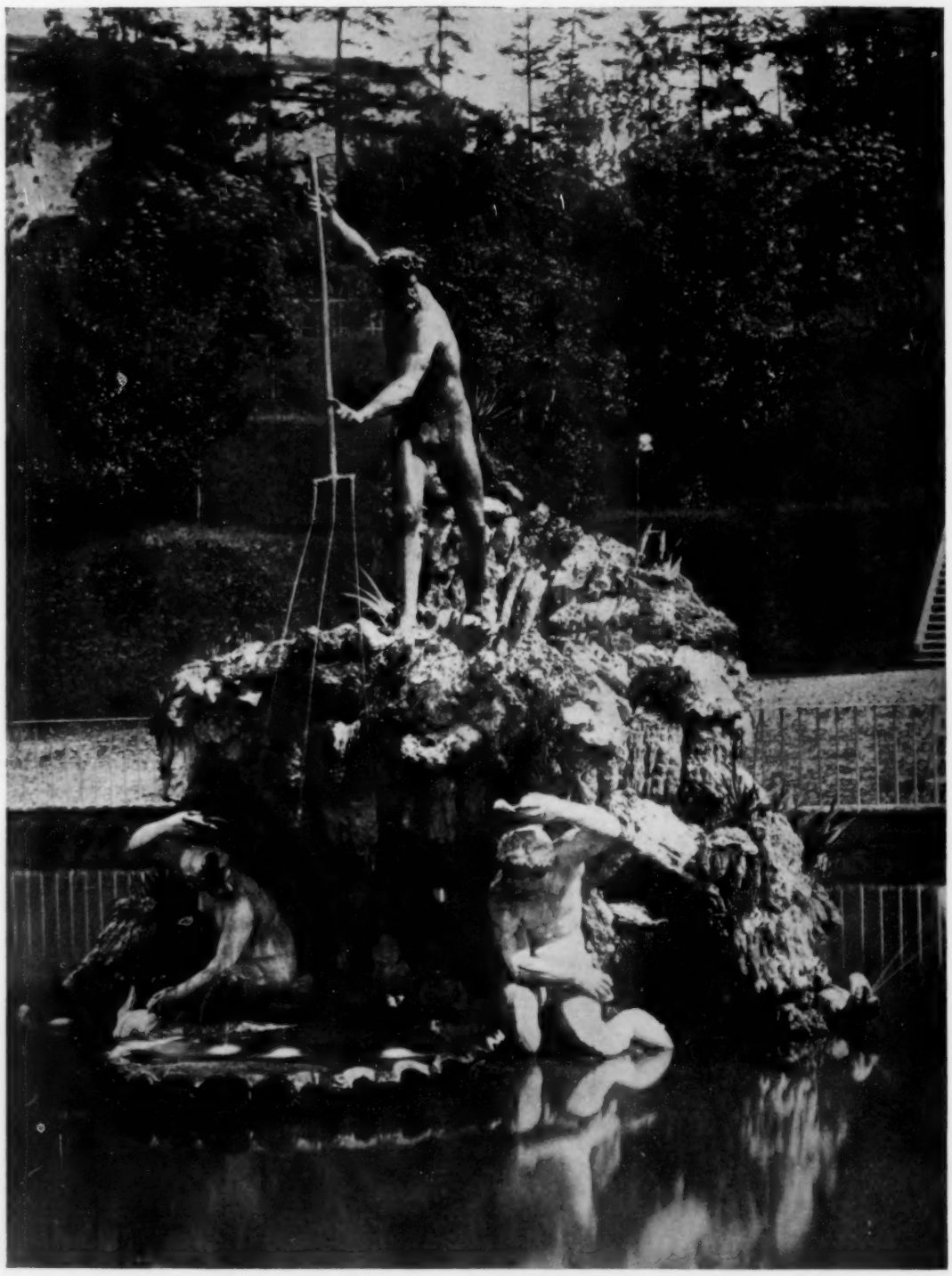

THE FOUNTAIN OF NEPTUNE IN THE BOBOLI GARDEN, FLORENCE, ITALY.
STOLDO LORENZI, SCULPTOR.

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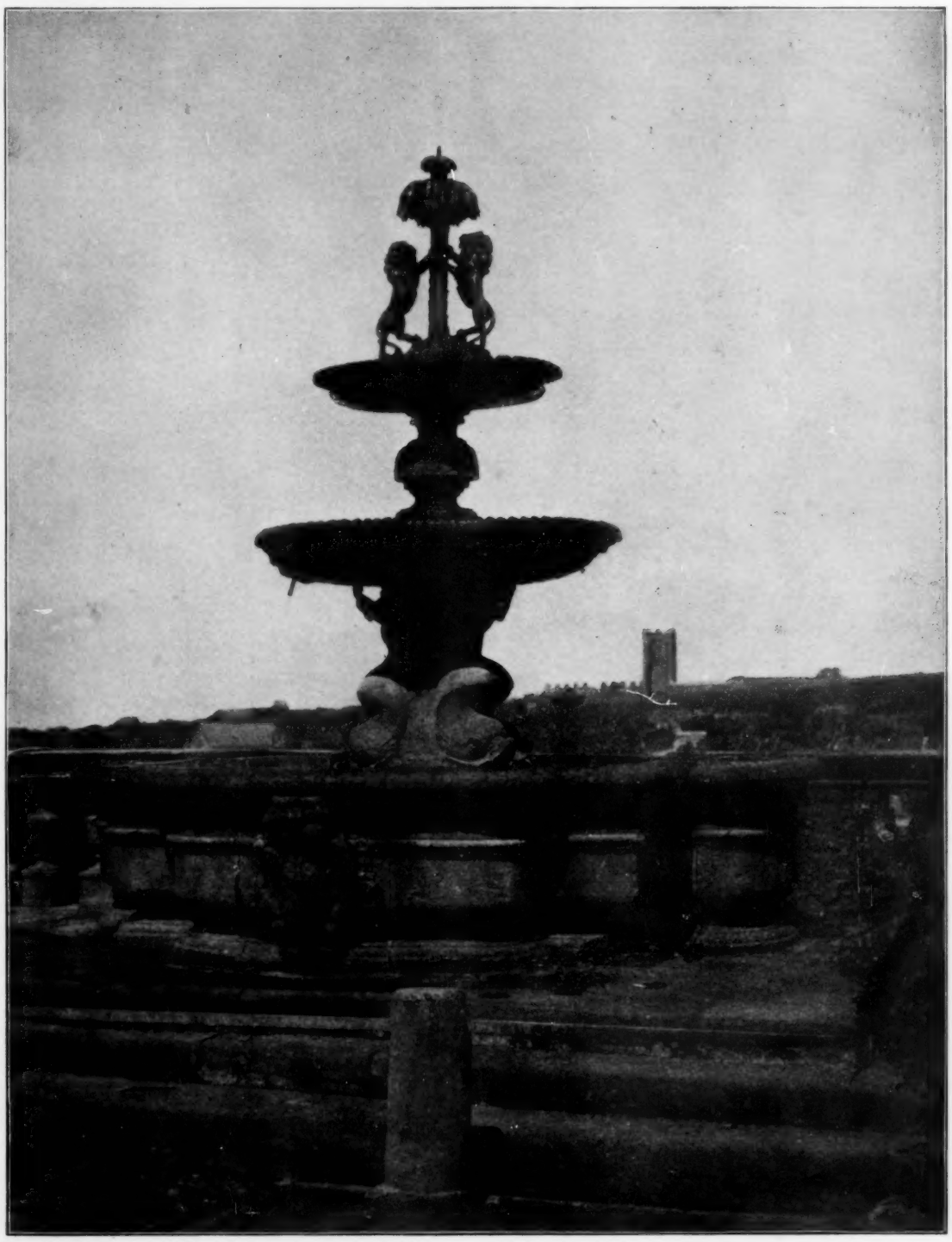
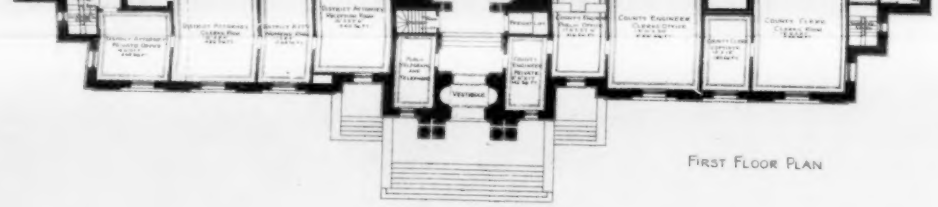
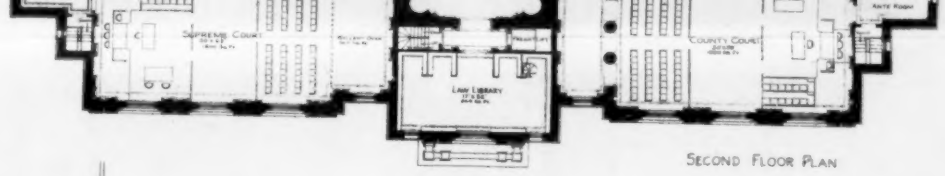


FOUNTAIN OF THE COMMUNE, VITERBO, ITALY.



First Floor Plan



Second Floor Plan

COMPETITIVE DESIGN FOR NASSAU COUNTY COURT-HOUSE AND JAIL, MINEOLA, N. Y.

Pickering & Lawyer, Associate Architects.

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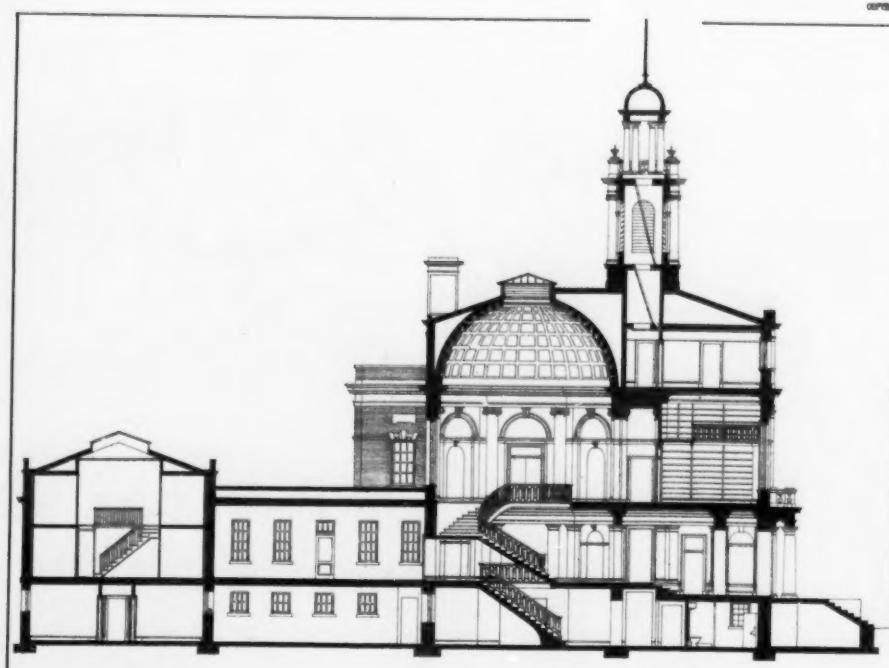
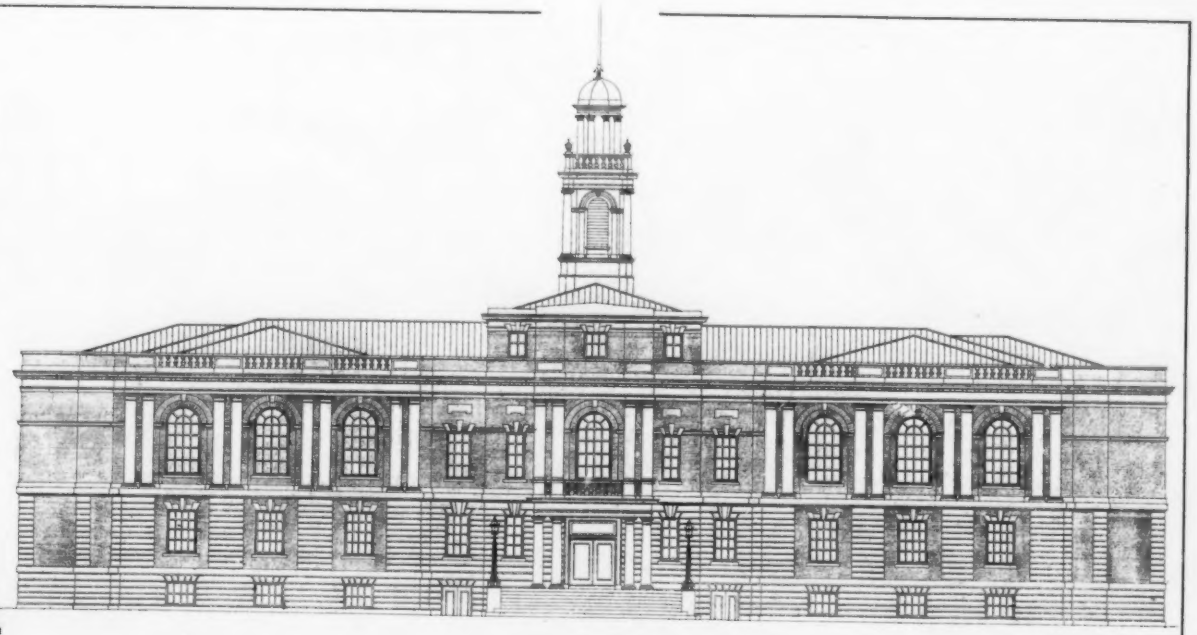
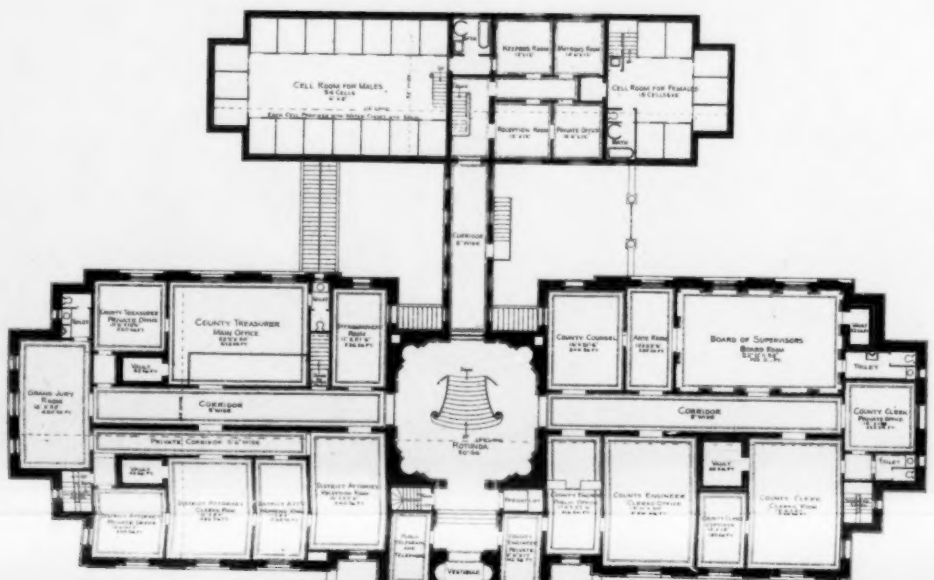
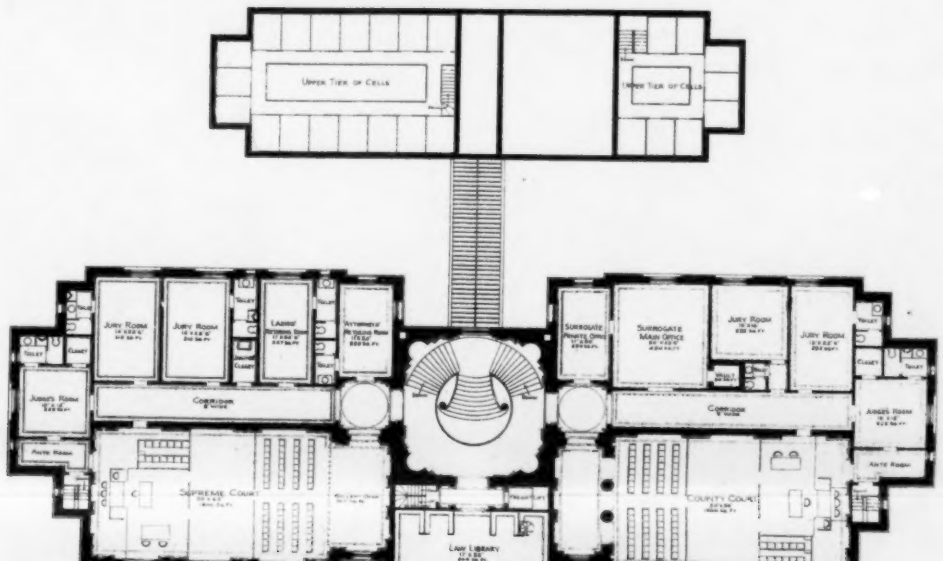


CROSS SECTION



EAST ELEVATION





THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 203. SATURDAY, APRIL 1, 1899. VOLUME LXIV. No. 1214.

A VALUABLE OBJECT LESSON.

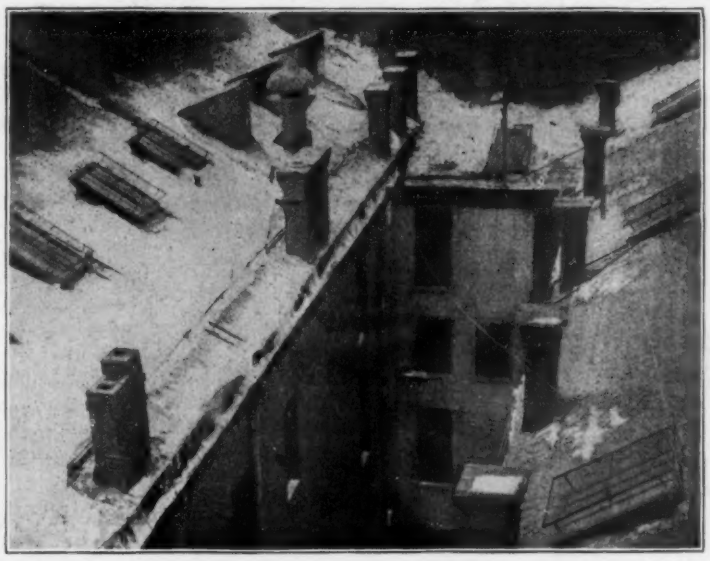
THE following illustration is well calculated to afford a valuable object lesson for house builders and owners. The roof on the left has the old-fashioned guard-rail. That on the right is provided with the modern appliance, the Folsom Snow Guard. Both roofs being equally exposed to the sun, a comparison of their conditions during severe winter weather shows the advantage to be gained by using the latter device.

The ordinary guard-rail does not prevent the snow from sliding; it merely catches and holds it back. The result is that the snow soon freezes to the roof along the lower edge. When the upper portion melts and runs down the slope it is checked by the dam. As a natural consequence it rises until its level reaches the line of the upper edge of a course of slates or shingles. The water pours over this upper edge, making its way to the rooms below, damaging walls and ceilings and occasioning mischief generally. This is a common experience where the use of ordinary guard-rails enables the water to "back up." Many house-owners are familiar with the process, to their sorrow.

Where the Folsom Snow Guard is used the case is different. This method consists in fixing snow-guards all over the roof. These hold the snow exactly where it falls. They not only prevent snow-slides, but they allow the snow to melt gradually and evenly, without overflowing gutters or occasioning a dangerous water-level. These snow-guards are safe, economical, durable and cheap. They are safe, because they are sufficiently strong to hold in place any body of snow the roof will sustain, and because it is not braced upon the slates. Braced guards are both needless and dangerous, and will damage the slate, and the bills for repairs will in a short time exceed the first cost of the guards; economical, because they keep gutters in good condition and prevent water from backing-up, soaking weather-boards and flooding interiors; durable and cheap, because they are made by skilled workmen, using the best material. Under ordinary conditions they will last a lifetime.

The Folsom Snow Guards are made in various patterns, and are adapted to the round or flat parts of Spanish tile, shingles, metal or slate roofs — in connection with the latter material they may be worked to particularly good advantage.

Architects need not be told that wrongly-constructed snow-guards puncture slates and occasion leaks. The "Folsom" is so formed as to prevent damage of this description — a fact which any architect or builder may ascertain by applying to the Company at 116 South Street, Boston, for a sample. These samples, together with much useful information concerning them, are mailed free to any address. An examination will convince any person that the Folsom Snow Guard is the best device yet invented for roof-protection, while a fair trial will demonstrate the fact that in the point of economy it is worth many times its cost.



Roofs of the Registry of Deeds and the Massachusetts Historical Building, Boston, after a Snow-storm.

FOLSOM SNOW GUARD COMPANY,
116 SOUTH ST., BOSTON, MASS.

CABOT'S INSULATING AND DEAFENING QUILT.

A FINE half-tone plate, about 11″ x 15″ in size, of the new Terminal Station at Boston, from a negative by Soderholtz, is being sent out to architects by Mr. Samuel Cabot of Boston. Interesting statistics in regard to the building (which is the largest railway station in the world) are given and attention is called to the fact that 62,000 square feet of Cabot's Insulating Quilt was used to insulate the heating and ventilating ducts, under specifications of Prof. S. Homer Woodbridge, the expert, who has used the Quilt many times before in his work, notably, in the Rutland Hospital at Rutland, Mass., Insane Hospital at Medfield, Mass., etc. The Quilt is made with and without asbestos covering, and is a wonderfully efficient and cheap insulator and deadener, and it is claimed for the Asbestos Quilt that it is the only article made which combines the qualities of heat insulation, sound deadening and fireproofing.

DYCKERHOFF PORTLAND CEMENT.

WILLIAM ST., NEW YORK, N. Y., March, 1899.

TO THE EDITORS OF THE AMERICAN ARCHITECT: —

Dear Sirs, — It has repeatedly come to my notice that contractors have represented to architects that the Dyckerhoff Portland Cement which had been called for in their specifications could not be obtained in the market, and have secured the architect's consent to employ some other brand.

The Dyckerhoff Portland Cement is always kept in stock for sale by all the leading dealers in building-materials, here and elsewhere, or can be furnished by me from weekly arrivals at New York and frequent arrivals at other ports, but being the highest priced cement in the market, the motive for such representations is obvious.

Architects and engineers who specify it in their work will confer a favor upon me by giving me notice whenever it should be claimed that the Dyckerhoff brand cannot be obtained, before permitting the substitution of another cement, so as to enable me to see to it that the Dyckerhoff Cement will be supplied.

The Dyckerhoff Works produce the safest and most reliable Portland Cement, unalterable in volume, of a uniform and never-varying quality. No other cement has reached this high grade of perfection.

The cost of producing such a cement is naturally somewhat higher than that of lower grades, but the superior quality amply compensates for the slightly higher price.

Very respectfully yours, E. THIELE.

A NEW IDEA!

DID it ever occur to you that a varnish suitable for floors should naturally make the best possible finish for all kinds of interior

woodwork where extreme durability of finish is desired? A floor varnish should be a reasonably quick-drying article and at the same time the most elastic varnish made, inasmuch as it is subject to the most extreme usage. Then why should it not stand the wear and exposure on woodwork, especially on window-sashes and sills, longer and better than any of the interior varnishes on the market?

We all know that the first place for varnish to perish on a building is on the window-sashes, sills, bath-room, kitchen, vestibules, etc. If the user would only go to the trouble and small expense of applying a good spar varnish on such places it would be all right, but most of them will not do so.

Now if all architects would specify "Glidden's Jap-a-lac" for floors and interior wood-work they would produce for their clients practically an indestructible finish. Sample can will be sent to any responsible architect who will write for it, provided he will make a comparative outdoor weather test with the goods he might be specifying at the present time, bearing in mind that a varnish that will stand outdoor wear will wear a lifetime indoors.

THE GLIDDEN VARNISH COMPANY,
CLEVELAND, O.

OFFICERS' QUARTERS AND BARRACKS, CUBA.

MERCHANT & CO., INC., of Philadelphia, New York and Chicago, have recently received an order from the War Department for 786 of their Galvanized "Star" Ventilators, for use on the Officers' Quarters and Barracks to be erected at Havana and Matanzas, Cuba. There will be 587 "Star" Ventilators, 24″ diameter, and 199 — 14″ diameter. Great promptness is necessary in the delivery of these "Star" Ventilators, which the exceptional facilities of Merchant & Co., Inc., will enable them to accomplish.

Some idea of the size of the order can be had when it is stated that if these ventilators were placed in a line with their edges touching they would cover a distance of nearly half a mile.

Within the last few months Merchant & Co., Inc., have also supplied 500 — 18″ ventilators for the new Government Hospitals at Fortress Monroe and Savannah.

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

SUGGESTIONS FOR FINISHING WOODS.

OPEN-GRAIN woods include, hard or pitch pine, oak, ash, butternut, chestnut, walnut, mahogany, white mahogany, or *prima vera*, rosewood.

Close-grain woods include, white-pine, maple, cherry, birch, red-wood, white-wood, cypress, satinwood, sycamore, gum.

Filling open-grain Woods. — All open-grain woods should be thoroughly filled with F. W. Devoe & Co.'s Paste Wood Filler. Hard or pitch pine should receive a coat of shellac before varnishing, to bind the pitch.

Close-grain Woods. — All close-grain woods should be filled with F. W. Devoe & Co.'s Liquid Pigment Filler, but a coat of shellac may be used as a filler on inside work only.

For Interior Finish. — Fill as directed. Next apply three coats of F. W. Devoe & Co.'s Pale Interior. Where Pigment Filler has been used as first coat, shellac may be used in place of first coat of Pale Interior. Rub with hair-cloth, or lightly sandpaper between coats. If dead finish is required rub down last coat with pumice-stone and water. All work which has been rubbed with pumice-stone and water should be cleaned afterwards with crude petroleum-oil.

For Exterior Finish (for all exterior work, or work in exposed places). — Fill as directed. For first coat apply rubbing varnish — sandpaper lightly, then apply two coats of F. W. Devoe & Co.'s Vernosite. Rub this with hair-cloth, or sandpaper lightly between coats. Last coat can be left with natural gloss, or rubbed with pumice-stone and water to a dead finish, then clean with crude petroleum-oil. If particularly fine finish is required second coat can be rubbed with pumice-stone and water before applying third coat.

Floors: Finishing Floors with Varnish. — If open-grain wood, fill thoroughly with F. W. Devoe & Co.'s Paste Wood Filler, if close-grain wood, fill with F. W. Devoe & Co.'s Liquid Pigment Filler.

If the floor is made up of a combination of open and close grain woods use Paste Filler, then apply first coat of F. W. Devoe & Co.'s Marble Floor Finish. When thoroughly dry rub down with hair-cloth or sandpaper very lightly. Apply second coat of Marble Floor Finish. This coat can be left with natural gloss, or can be rubbed to a dead finish with pumice-stone and crude petroleum-oil.

Hard or pitch pine should first have a coat of shellac to bind the pitch, then finish with two coats Marble Floor Finish as above.

Finishing of Floors with Wax. — If open-grain wood, fill as above, then use F. W. Devoe & Co.'s Hard Wax Polish instead of Marble Floor Finish, if close-grain wood, apply Hard Wax Polish direct to the wood — it will act as a filler.

Do not use soap and water when you wish to clean a floor. Moisten a woollen cloth with crude petroleum-oil (not refined) rub well into the floor and wipe dry with a clean cloth. This will take off every kind of dirt, except sweets; any spots of that description should be removed with a cloth dampened with water.

Staining Woods. — When it is desired to stain wood to imitate some other wood, if the wood treated is close grain, Stain and Filler can be applied as one coat, using F. W. Devoe & Co.'s Liquid Stain Filler. If open grain, apply the Stain first, then fill with Paste Filler of the desired shade. Never fill the wood before staining.

Repairing and Cleaning. — To remove old paint or varnish use F. W. Devoe & Co.'s Cauteria, which does not injure the wood.

To remove weather stains and restore the wood to its original color use F. W. Devoe & Co.'s Color Restorer.

To clean any varnished work do not use soap and water: it destroys the varnish and causes it to turn white, use F. W. Devoe & Co.'s Polishing Oil. Rub this well on to the varnished surface, then rub dry with a clean cloth. It will restore all the lustre that there may be left in the varnish. When treated with Polishing Oil in this way, and it does not bring sufficient lustre to the surface, it needs revarnishing. Do not use furniture polish in place of Polishing Oil. It will not clean or brighten the surface as well as Polishing Oil; neither will it take the place of a coat of varnish.

Hard Enamel Finish, First Coat. — Prime the work with lead thinned with a mixture of raw linseed-oil and turpentine. Use two-thirds raw linseed-oil and one-third turpentine. When dry putty with hard drying putty (F. W. Devoe & Co.'s D Putty).

Second Coat. — Lead thinned with two-thirds turpentine, one-third raw oil.

Third Coat. — Lead thinned with turpentine, very small amount of raw linseed-oil to bind it. Care should be used to put but a small amount of dryer in each of the above coats. Each coat should be lightly sand-papered.

Fourth Coat. — Flow on one coat of F. W. Devoe & Co.'s Hard Enamel Finish. This will leave a fine, hard, glossy surface. If, however, a specially fine finish is desired the first coat of Enamel should be rubbed with pumice-stone and water. (Do not use oil to rub this coat.) Then flow on second coat of Hard Enamel, care being taken not to flow on too heavy. Allow plenty of time between coats.

F. W. DEVOE & CO.,
NEW YORK, N. Y.

SALES AGENCIES ESTABLISHED FOR THE KENNEY FLUSHOMETER.

THE indisputable merit of the Kenney Flushometer for the most economical and efficient flushing of water-closets in a truly sanitary manner is steadily extending its adoption in all sections of the country. The hearty and unqualified endorsement of it by the Army and Navy Departments of the United States Government stamp it as a most desirable substitute for the noisy, troublesome and unhealthy overhead supply-tanks heretofore used in bath-room and lavatory equipment. In order to more conveniently and readily meet the increasing call for the Kenney Flushometer, the sole manufacturers, the Kenney Company, has arranged with a number of concerns, prominent in the trade, who, as its agents, will hereafter supply the demand from the various points in the United States at which they are located.

The high standing of the parties interested and the fact that they will devote a special department of their business to the interests of the Kenney Flushometer lend additional weight to the claims of the manufacturers, and make them worthy the consideration of the most conservative sanitary engineers, architects and plumbers everywhere. We are of the opinion that the arrangements concluded by the Kenney Company should prove most desirable and profitable to all concerned. The names of the agencies secured are as follows: L. Wolff Mfg. Co., Chicago and Denver, Col.; Haines, Jones & Cadbury Co., Philadelphia, Pa.; Ahrens & Ott Mfg. Co., Louisville, Ky.; N. O. Nelson Mfg. Co., St. Louis, Mo.; National Supply Co., Toledo and Cleveland, O.; United States Water and Steam Supply Co., Kansas City, Mo.; United States Supply Co., Omaha; Detroit Lead-pipe and Sheet-lead Works, Detroit, Mich.; Western Supply Co., St. Paul and Minneapolis, Minn.; Geo. B. Hawley, Cincinnati, O.; Geo. E. Gilchrist, Boston, Mass.; Fort Pitt Supply Co., Pittsburgh, Pa.; Roe & Conover, Newark, N. J.; James Robertson Co., Ltd., Montreal, Toronto, Winnipeg and Manitoba, Canada.

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

METALLIC GASKETS FOR GENERAL PACKING PURPOSES.

IN the accompanying cuts is shown a new idea in the manufacture of metallic gaskets

Atlas PORTLAND CEMENT

Guaranteed to be Superior to any Imported Cement.

Used Exclusively in the Following New York Buildings:

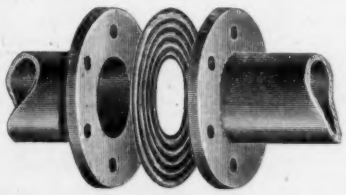
HAVEMEYER STORES
ST. PAUL BLDG.
AMERICAN SURETY BLDG.
BANK OF COMMERCE
SINGER BLDG.
UNIVERSITY CLUB
N. Y. LIFE INS. BLDG.
STANDARD OIL BLDG.
JOHNSTON and PRESBYTERIAN BLDGS.

Atlas Cement Company

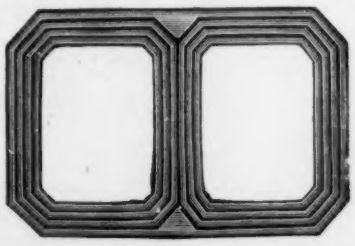
143 LIBERTY STREET
NEW YORK

an improvement over the old leather and rubber article, which has been widely noticed and extensively adopted by steam users throughout the country.

The illustrations show two different patterns of the metallic gasket, which consist of thin sheet-copper stamped with concentric corrugations. Three to six corrugations answer as well as more, the space within the bolt-holes determining the width of the gasket. Connections made by the use of this improved article are not so affected by heat and pressure as to blow out after continued



use, for each corrugation makes the entire circle of the flange, and as long as the contact is kept complete by compression the joint cannot leak. This style of gasket, the manufacturers claim, is not impaired by the repeated expansion and contraction of steam-pipes, and is, therefore, of much service on pipes in which steam is used alternately on and off. It is also claimed to be practically indestructible, and can be used to advantage for the general uses of packing in all positions where rubber and other destructible materials are now employed. In cost these goods compare very favorably with other gaskets now upon the market, and as they are furnished to steam-users the exact



size required to make a tight joint, there is consequently no surplus material paid for.

Aside from the circular and square patterns here illustrated, the manufacturers have also placed these gaskets before the public in oval, rectangular and irregular shapes for steam chests and cylinders of engines and pumps. Their line embraces lip union, flange union, plain and ball-joint gaskets for pipes carrying water, steam, air and gas.

The manufacturers will cheerfully furnish circulars and other information upon application to the

UNITED STATES MINERAL WOOL CO.,
2 CORTLANDT STREET, N. Y.

OF INTEREST TO THE TRADE.

THE following communication received by the Kenney Company, New York City, sole manufacturers of the Kenney Flushometer, speaks for itself and is of interest to the trade: —

BOWLING GREEN OFFICES, 11 BROADWAY, NEW YORK, N. Y., January 19, 1899.

THE KENNEY CO., 72 TRINITY PLACE, NEW YORK, N. Y.: —

Gentlemen, — In reply to your inquiry made to-day in regard to our closets furnished by you, I beg to state that out of the whole number, which is in the neighborhood of seventy, we have had practically no trouble at all. The valves have worked uniformly well, and it is only at long intervals that they need any adjusting, which is very easily done by our janitor.

Since the building was erected, now about two years, they are in constant use, as we have about 2,500 people in the building, and during the entire time I believe I have never had to call upon a plumber to do any work in connection with them.

I feel that in justice to you we should make this statement, as I have been informed that some parties have stated to the contrary. Wishing you every success, I am,

Yours very truly,
(Signed) THE BROADWAY REALTY CO.,
Per C. K. BILL, *Manager.*

ORNAMENTAL IRON AND BRONZE WORK.

MANY of the prominent office and public buildings throughout the country have been supplied with ornamental ironwork furnished by the W. S. Tyler Co., of Cleveland, Ohio. The accompanying illustration is the magnificent Capitol Building of New York State, located at Albany. One of the interesting features of this building is the elaborate bronze enclosures in front of assembly elevators. The design and the work were executed by the Tyler Co. It is considered one of the finest pieces of ornamental enclosures of its kind in the country and has been the subject of marked admiration.

U. S. Capitol Building, Albany, N. Y.

This company has also executed beautiful bronze and wrought-hammered leaf-work cars in the Congressional Library, United States Capitol, United States Treasury; Bowling Green Building, New York; Public Buildings, Philadelphia; Waldorf-Astoria, New York; and many other very prominent office-buildings throughout the country.

Their specialty is for the finer grade of ornamental iron and bronze work. With their force of skilled designers and artisans, they are considered *the* leading concern in the country in art metal-work. Their specialties are ornamental stairs, enclosures, cars, bank interiors and artistic hammered leaf-work.

THE W. S. TYLER WIRE WORKS CO.,
CLEVELAND, O.

SAMSON SPOT CORD.

SAMSON Spot Cord is made from the very best cotton yarns, manufactured in our own mills and guaranteed free from waste stock.

It is braided and finished by our patented and secret processes, and inspected with great care to ensure freedom from flaws.

Samson Spot Cord is the result of thirty years' experience in the manufacture of solid braided cords. Consumers can save in repairs many times the first cost of the cord by specifying Samson Spot Cord; and it is easily distinguished by its trademark — the colored spot.

ALSEN'S PORTLAND CEMENT

Highest Quality, Most Reliable, Best Color, Most Enduring Surface, Greatest Bulk to the Barrel.

NOTABLE INSTANCES WHERE ALSEN'S CEMENT HAS BEEN USED BECAUSE OF ITS SUPERIOR QUALITY.

CATHEDRAL OF ST. JOHN THE DIVINE, N.Y.
WASHINGTON LIFE INSURANCE CO.'S BUILDING, N.Y.
MANHATTAN LIFE INSURANCE CO.'S BUILDING, N.Y.
AMERICAN SURETY CO.'S BUILDING, N.Y.
ELECTRIC R.R. SUBWAY, BOSTON.
METROPOLITAN SEWERAGE WORKS, BOSTON.
SEA WALL, LAKE FRONT, CHICAGO.
BRIDGES OVER HARLEM RIVER, N.Y.
THE U. S. NAVAL OBSERVATORY, WASHINGTON, D.C.

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

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

In running over pulleys the tensile strength is of less importance than the durability.

An examination of the cord will convince any one that with the strands doubling on each other, as they do, leaving freedom of play without slipping, the strain in running over pulleys is quite equally distributed over all the strands, while in twisted or hollow braided lines the strain is largely on the outside strands at the point where it surrounds the pulley, or else the strands slip and wear on each other.

Careful comparative tests and long experience in actual wear have proved solid braided cord to be from five to forty times more durable than the various qualities of twisted or hollow braided line or of metal chains or tapes.

If you insist on using our well-known brands, the Samson and the Massachusetts, you will be insured against cheep imitations, which are roughly braided, uneven, and poorly finished, and will save yourself from much annoyance and expense in repairs.

SAMSON CORDAGE WORKS,
BOSTON, MASS.

An ingeniously devised "record-book," on which much thought has been spent to the end that it might be of work-a-day use to the practising architect, has been prepared by the Cleveland Varnish Co., of Cleveland, O. It might be worth any of our subscribers trouble to write to Cleveland and procure a copy.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News

APARTMENT-HOUSES.

New York, N. Y. — *West Central Park*, nr. 100th St., seven-st'y bk. flat, 50′ 6″ x 90′; $100,000; o., J. C. Murray, 41 Cedar St.; a., L. F. J. Weiher, Jr., Mt. Morris Bank Building.

St. Paul's Pl., cor. Brook Ave., 3 four-st'y bk. flats; $84,000; o. & b., Geo. W. Martin, 713 Tremont Ave.; a., Chas. S. Clark, 719 Tremont Ave.

Courtlandt Ave., nr. 162d St., 2 four-st'y bk. & st. flats, 25′ x 90′; $44,000; o. & b., Schmuck & Montag, 2577 Third Ave.; a., Edward Wonz, 1491 Third Ave.

E. Twentieth St., Nos. 218-220, 2 five-st'y bk. & st. aparts., 27′ x 78′ & 17′ x 73′; $30,000; o., L. C. Pratt, 107 W. 101st St.; a., Schneider & Herter, 46 Bible House.

St. Nicholas Ave., opp. 147th St., six-st'y bk. & st. apart., 60′ x 90′; $85,000; o. & b., James M. Wimple, 1635 Madison Ave.; a., George F. Pelham, 503 Fifth Ave.

St. Nicholas Ave., cor. 113th St., seven-st'y bk. flat with stores, 112′ 5″ x 139′ 2″; $275,000; o., Emily L. Felt, 246 W. 106th St.; a., Neville & Bagge, 217 W. 125th St.

E. Ninety-first St., Nos. 124-126, six-st'y bk. flat, 41′ 8″ x 90′ 8″; $45,000; o., Geo. H. Toop, 421 E. 91st St.; a., John P. Leo, 143 W. 125th St.

Broadway, cor. 113th St., seven-st'y bk., st. & terra-cotta stores & flats, 50′ 11″ x 95′; $175,000; o., Gunn & Grant, 174 W. 107th St.; a., Henry Anderson, 1180 Broadway.

Rivington St., Nos. 255-257½, six-st'y bk. flat with stores, 50′ x 56′ 3″; $30,000; o., Polstein & Feinberg, 200 Henry St.; a., M. Bernstein, 245 Broadway.

E. Twenty second St., Nos. 147-149, 2 six-st'y & base. bk. & st. stores & flats, 25′ x 81′ 1″; $56,000; o., Julius Dreyfus, 324 W. 59th St.; a., G. F. Pelham, 503 Fifth Ave.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Washington, D. C. — *Fifteenth St.*, bet. U & V Sts., N. W., seven-st'y bk. & st. apart., 100′ x 118′, flat roof, steam; $135,000; o., The Capitol Construction Co.; c., F. H. Duchay; a., C. A. Didden.

EDUCATIONAL.

Galesburg, Ill. — Two-st'y bk. school, 38′ x 99′, tin roof, steam; $15,000; o., Board of Education; a., Wm. Wolf.

New York, N. Y. — *Sixty-sixth St.*, nr. Amsterdam Ave., five-st'y bk. & st. school, 62′ x 99′ 4″; $80,000; o., City of New York, City-hall; a., C. B. J. Snyder, 585 Broadway.

Pittsburgh, Pa. — *27th Ward*, three-st'y bk. & st. school, 98′ x 110′, tile roof, steam; $60,000; o., School Board; a., C. M. Bartberger, Westinghouse Building.

FACTORIES.

New York, N. Y. — *W. Twenty-fifth St., No.* 425, four-st'y bk. factory, 50′ x 98′ 9″; $40,000; o., Eliza D. Hencken, 331 W. 27th St.; a., J. A. Sinclair, 347 W. 26th St.

W. Forty-seventh St., Nos. 557 563, six-st'y bk. factory & stable, 100′ x 100′ 3¼″; stable $1,200, factory $56,500; o., American Meter Co., 508 W. 22d St.; a., Edward Ogden & Son, 1123 Broadway.

HOTELS.

Asbury Park, N. J. — Six-st'y fr. hotel, 45′ x 92′; $20,000; o., Mrs. Eliza McCastland, Lakewood; a., Brouse & Arend.

HOUSES.

Akron, O. — *W. Exchange St.*, two-st'y fr. dwell., 44′ x 70′, shingle roof, hot air; $8,000; o., S. K. Black; a., Wm. Redding.

Avon, N. J. — 2½-st'y fr. dwell.; $6,000; o., Charles Lewis, Ocean Grove; a., Brouse & Arend, Asbury Park.

Bay Shore, L. I., N. Y. — Two two-st'y fr. dwells. & barns, 45′ x 46′ & 48′ x 65′; $20,000; o., John T. Ryan; a., A. White Pierce, 1127 Flatbush Ave., Brooklyn.

Brooklyn, N. Y. — *Dyker Heights*, two-st'y fr. dwell., $20,000; o., Walter Johnson, 13th Ave. & 86th St.; a., C. Schubert, Bath Ave. & Bay 20th St.

St. Mark's Ave., nr. New York Ave., 4 three-st'y bk. & st. dwells., 17′ x 47′; $36,000; o., W. R. Pierce, Jersey City, N. J.; a., John L. Young, 1221 Fulton St.

Borough Park, 2½-st'y fr. dwell., 35′ x 40′; $5,000; o., Mr. Billin; S. Gifford Slocum & John Cox, Jr., 156 Fifth Ave., associate architects.

Eighty-fifth St., nr. 12th Ave., two-st'y & attic fr. dwell., 26′ 6″ x 42′, shingle roof; $5,000; o., W. L. Johnson, 86th St. & 11th Ave.; a., C. Schubert, Bath Ave. & Bay 19th St.

Canarsie Ave., cor. E. 29th St., 18 three-st'y bk. dwells., 20′ x 45′, steam; $90,000; o., Thos. H. Brush, 73 Vernon Ave.; a., Geo. Palliser, 32 Park Pl., New York.

Beverly Road, cor. E. 29th St., 46 three-st'y bk. dwells., 20′ x 45′, steam; $230,000; o., Thos. H. Brush, 73 Vernon Ave.; a., Geo. Palliser, 32 Park Pl., New York.

Nostrand Ave., cor. Canarsie Ave., and *Nostrand Ave.*, cor. Beverly Road, 22 three-st'y bk. dwells., 20′ x 45′, steam; $110,000; o., Thos. H. Brush, 73 Vernon Ave.; a., Geo. Palliser, 32 Park Pl., New York.

Twelfth Ave., cor. 84th St., two-st'y fr. dwell., 43′ x 48′, shingle roof; $7,500; o., W. L. Johnson, 86th St. & 11th Ave.; a., C. Schubert, Bath Ave. & Bay 19th St.

Eighty-third St., nr. 12th Ave., two-st'y & attic fr. dwell., 31′ 6″ x 50′ 6″, shingle roof; $6,000; o., W. L. Johnson, 82d St. & 11th Ave.; a., C. Schubert, Bath Ave. & Bay 19th St.

Midwood St., nr. Bedford Ave., 10 two-st'y & base. bk. dwells., 20′ x 45′; $50,000; o., W. A. A. Brown, 691 Flatbush Ave.; a., Lawton & Field, 95 Lenox Road; b., J. McArthur, Bedford & Putnam Aves.

Bainbridge St., nr. Reid Ave., 5 two-st'y & base. bk. dwells., 20′ x 45′; $22,500; o., Mrs. B. F. Neily, 390 Decatur St.; a. & b., J. W. Neily.

E. Eighteenth St., nr. Beverly Road, two-st'y & attic fr. dwell., 32′ x 40′, shingle roof; $5,550; o., W. C. Tegethoff, 26 Broadway, New York; a., C. Myers, 361 Broadway, New York.

Cleveland, O. — *Lorain and Penn Sts.*, 3 three-st'y bk. & st. dwells., 40′ x 65′, steam; $20,000; o., Wm. Muller; a., Fugman & Ball, 89 Euclid Ave.

Detroit St., 2½ st'y fr. dwell., 32′ x 51′, slate roof, hot water; $5,000; o., Henry Kuhlmaier; a., Steffens, Searles & Hirsh.

Euclid and Perry Sts., seven-st'y bk. dwell., 62′ x 189′, tile roof, steam; $160,000; o., C. W. Griffin; a., Steffens, Searles & Hirsh.

Elberon, N. J. — *Park Ave.*, 2½-st'y fr. dwell.; $8,000;

BUILDING INTELLIGENCE.

(Houses Continued.)

o., Miss Nettie Nichols; a., Clarence D. Wilson, Allenhurst.

Madison, N. J. — 2½-st'y fr. dwell., 38′ x 40′; $10,000; o., Mrs. R. Baker; a., H. A. Walker, 35 Nassau St., New York City.

Monmouth Beach, N. J. — *Johnston Ave., No.* 149, 2½-st'y fr. dwell.; $7,000; o., L. Schneider; a., Alfred Peter.

New York, N. Y. — *One Hundred and Eighty-eighth St.*, nr. 11th Ave., 3 four-st'y bk. dwells., 16′ 8″ x 45′; $30,000; o., Florence W. Kehoe, 518 W. 183d St.; a., Edward S. Kehoe, 518 W. 183d St.

Ninety-fifth St., nr. Madison Ave., 4 five-st'y American base. dwells., 19′ x 20′; $80,000; o., Wm. Van Wyck Graham; a., Thomas Graham, 1238 Madison Ave.

Kingsbridge Road, nr. De Voe St., three-st'y fr. dwell., 22′ x 52′; $7,000; o., Zobodia Becker; a., Higgs & Gavigan, 1123 Broadway.

One Hundred and Eighteenth St., nr. 7th Ave., 5 three-st'y bk. dwells., 20′ x 56′; $80,000; o., Jas. C. Crawford, 24 E. 42d St.; a., A. H. Taylor, 20 W. 34th St.

Midwood Ave., nr. Bedford Ave., 10 two-st'y bk. & st. dwells., 20′ x 45′; $50,000; o., Wm. A. A. Brown, 1012 Dean St.; a., Geo. M. Lawton, 95 Lenox Road.

Fifth Ave., No. 992, five-st'y bk. dwell., 25′ x 100′; $80,000; o., Mrs. J. M. Livingston, Morristown, N. J.; a., Geo. A. Freeman, 27 E. 20th St.

Briggs Ave., cor. Suburban St., 2½-st'y fr. dwell., 22′ x 45′, shingle roof; $5,000; o., Mrs. M. E. Hahn and Mrs. M. B. Toussaint; a., Louis Falk, 3d Ave. & 146th St.

One Hundred and Third St., nr. West End Ave., 6 five-st'y bk. & st. American base. dwells., 18′ x 60′; $120,000; o. & b., Robert Wallace, 226 Columbus Ave.; a., George F. Pelham, 503 Fifth Ave.

Perth Amboy, N. J. — 2½-st'y fr. dwell., 38′ x 52′; $8,000; o., John A. Gregory, 131 State St., New York City; a., John Brower & Co., 50 Nassau St., New York City.

Vailsburg, N. J. — *Hazelwood Ave.*, two 2½-st'y fr. dwells.; $10,000; o., Teague Bros.; a., Alfred Peter, Metropolitan Building, Newark.

OFFICE BUILDINGS.

New York, N. Y. — *Broadway*, cor. Chambers St., eighteen-st'y bk. office-building, 50′ 11″ x 93′ 11″ & 95′; $700,000; o., Estate Sarah H. Andrews, 119 Beacon St., Boston, Mass.; a., Cass Gilbert, St. Paul, Minn.

STORES.

Boonville, Ind. — Four-st'y bk. & st. department-store, 75′ x 140′, gravel roof, steam; $25,000; o., G. J. Roth & Co.; a., Harris & Shopbell, Evansville.

Brooklyn, N. Y. — *Walcott St.*, cor. Ferris St., two & three-story bk. machine-shops & stores, 75′ x 150′, gravel roof, steam heat; $60,000; o., A. H. Ruck, 910 Ninth Ave.; a., Henry Anderson, 1180 Broadway.

Broadway, nr. Macon St., one-st'y bk. stores, 60′ x 106′ gravel roof; $2,000; o. & a., H. Vollweiler, 483 Hart St.

Cincinnati, O. — *Fourth St.*, cor. Walnut St., twelve-st'y bk. store & office building, 112′ x 146′, asphalt roof; $200,000; o., C. G. Schmidlapp and A. B. Voorhies, 4th & Vine Sts.

Evanston, Ill. — *Davis St. and Sherman Ave.*, four-st'y bk. store & office building, 45′ x 96′, fireproof roof, steam; $40,000; o., Estate of Chas. Comstock; a., Chas. R. Ayars, 95 Dearborn St., Chicago.

TENEMENT-HOUSES.

E. Fourth St., Nos. 340-342, six-st'y bk. store & tenement, 37′ 6″ x 85′; $38,000; o., Adolf Mandel, 157 Rivington St.; a., Samuel Sass, 23 Park Row.

WAREHOUSES.

Boston, Mass. — *Albany St., No.* 611, Ward 12, three-st'y bk. storage, 42′ x 80′, flat roof, steam; $16,000; o., J. K. & W. K. Potter; a. & b., J. H. Ricker, Medford.

Maverick St., nr. Cottage St., Ward 2, five-st'y bk. storage, 100′ x 100′, flat roof; $25,000; o., B. M. Jones; a., O. W. Cutter, 85 State St.; not let.

Cedar Rapids, Ia. — Four-st'y bk. & st. warehouse, 120′ x 120′, gravel roof, furnace; $20,000; o., Hamilton Bros.; a., Chas. A. Diernan.

Chicago, Ill. — *Kramer and Maxwell Sts.*, four-st'y bk. warehouse & stable, comp. roof; $40,000; o., D. F. Bremner, Home Ins. Building; a., Thos. H. Mullay, Adams Exp. Building.

New York, N. Y. — *E. Tenth St., No.* 29, eight-st'y bk. warehouse, 25′ 5″ x 90′; $50,000; o., James McPherson, 280 Tenth Ave., Brooklyn; a., Louis Korn, 37 Maiden Lane.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 204. SATURDAY, MAY 6, 1899. VOLUME LXIV. No. 1219.

SCHOOL-ROOM WALLS.

A SPECIALIST who has made the eyes of school-children a study advocates the use of tinted walls in school-rooms. He says, "Clear white walls are a menace to the eyesight, that ought not to be tolerated in any school-room." In this connection the attention of architects is called to Muresco, which has been used extensively on the walls and ceilings in Brooklyn, Chicago, Baltimore, Boston and other cities, as well as many private schools and colleges. Muresco is made in white and fourteen standard tints, also in special tints adopted by the public-school officials of Brooklyn and Chicago. Muresco has many practical points of merit: It is easily prepared and applied, covers well, will not rub off, crack or peel, is fireproof and non-poisonous. Considerable labor is saved by using Muresco, as much of the preliminary work, such as washing off and sizing, which is necessary when kalsomine is used, is not required. Muresco works equally well on new or old plaster, and will cover cracks, stains and patches better than any wall-coating made. It can also be used on brick, stone, wood or metal. After the original coat of Muresco has been applied successive coats may be put one upon another, at any time, without washing off the surface or sizing it, and with no possibility of the previous coat rubbing up.

The finish produced by Muresco is soft, smooth and dead flat, being particularly pleasant and restful to the eyes.

We would be pleased to mail our tint book, descriptive booklet and color card to any person requesting them.

BENJAMIN MOORE & CO.,
BROOKLYN, N. Y.

A CARD TO ARCHITECTS OF BOSTON AND VICINITY.

I WOULD respectfully request those who visit the coming exhibition of the Boston Architectural Club during the evening to particularly notice the lighting of the gallery of the St. Botolph Club. I was recently called upon to replace the old system of lighting with my patented reflectors for art-galleries, and I desire Boston architects to decide for themselves whether or not these reflectors are satisfactory. The St. Botolph Gallery is comparatively a small one, and presents essentially the same conditions I have found in many of the private galleries I have lighted. But the larger galleries of the Metropolitan Museum of Art in New York, the Carnegie Library in Pittsburgh, or the Corcoran Gallery in Washington, for instance, will convince any one that my system adapts itself perfectly to all conditions and dimensions.

Gallery lighting, as well as the lighting of churches, theatres, and all kinds of audience-rooms, is a science, founded upon the theory of reflection, but successfully developed only by practical experience. The reflecting and diffusing powers of various materials and surfaces, the proper angles for each particular set of conditions, and all the minor details of producing fixtures, have been my study for forty years, and each year has been rich in practical experience. I have never tried to do "cheap" work, and never will. The only policy that is consistent with such a business as mine is to produce nothing but the best. The whole object of reflection of light is to divert rays that would naturally be wasted into the direction where they will be utilized. Reflection of light is therefore economy of light. The *best* reflecting surface, the *most effective* angles of reflection, are the *greatest economy*. The slightly extra cost of fixtures that are made right is soon made up by their greater economy.

I am always ready to make estimates and suggest the most effective and economical lighting of any special apartment, and correspondence from architects who have any problems that my experience will help to a better solution will receive most careful attention.

I. P. FRINK,
551 PEARL ST., NEW YORK.

ZINC-WHITE.

THE natural drying properties of white-lead constitute a defect, since they are due to progressive saponification and oxidation of the linseed-oil; and this effect proceeds until the oil is destroyed.

Zinc-white, on the other hand, is free from this and other faults. The only practical defect from which it suffers is its great oil-carrying capacity, which renders it slightly less opaque than lead when mixed ready for use. This so-called defect really enhances its value as a paint, since it increases its durability; but in the hands of ordinary workmen, and for cheap two-coat work (one coat over a priming coat), a combination paint composed of zinc and some pigment with a larger "grain" yields more satisfactory results. When pure zinc-white in pure linseed-oil is applied by a competent painter to properly seasoned dry wood in clear, dry weather it forms the most durable and satisfactory white paint known. Instances are plentiful where such work has stood exposed to the weather for ten, fifteen and twenty years intact and in perfect condition for repainting. Especially is this the case where the zinc has been tinted with earth-colors, such as ochre, etc.

In ordinary cases of hurried work under adverse conditions the combination paints based on zinc-white will be found more satisfactory for outside use than pure zinc in oil.

No matter what may be the original beauty of any paint, or what its cost, permanence is the most important consideration both for the architect and the property-owner. Snow is more dazzlingly white than any paint, but it

is not available for coating structures. The aniline lakes furnish a bewildering profusion of rich and delicate colors, but in the sunlight they vanish almost as quickly as snow, hence they have no place in the *matériel* of the architect who works intelligently and conscientiously.

White-lead, though useful when properly combined with more stable pigments, has inherent defects which have caused paint experts to condemn its use without such correctives. No matter what the beauty of a color-scheme executed with paints based on pure white-lead, in a very brief time the original brilliancy is gone, the light tints have darkened, many of the darker shades have faded or altered, and the entire scheme of shading has changed, while the surface has lost its gloss and begun to crumble away.

With the better class of combination paints based on zinc-white the result is entirely different. White remains white, tints and shades, purer and brighter to begin with, retain their value and their brilliancy, and the original gloss remains almost indefinitely.

A striking and interesting experiment to demonstrate these contrasting qualities of lead and zinc can be made by matching tints of Prussian blue, Ultramarine blue, Venetian red, etc., in zinc-white and in white-lead, and painting one-half of a board with the zinc tint and the other half with the lead tint, then allowing them to dry, and exposing them to the weather. After drying, the board should be exposed for two weeks to the summer sun: the tint made with zinc remains unaltered, while that made with white-lead fades to a dirty greenish yellow. One experiment of this kind will furnish a more convincing argument than volumes of talk.

Unfortunately for the purposes of the architect who wishes to use a combination paint, many of these are branded and sold as "white-lead." The custom is very old and was originally practised universally by all white-lead manufacturers themselves. In this country it was abandoned by them some years since, but it is still followed in England and Europe generally.

The practice of mislabelling may prove embarrassing to those who, knowing the superiority of combination paints, wish to obtain them. There is no difficulty in obtaining pure lead, if desired, but in selecting a combination paint it is necessary to know that it is a combination containing zinc, and not what it often purports to be — white-lead. However, the leading brands of combination paints are generally known, and in case of doubt the manufacturer will always furnish assurances on this point.

Some combination paints contain lead and some none, but practically all of them contain zinc-white, and upon this pigment the paint manufacturers rely to insure the superiority of their products. In such a combination containing lead, the lead being diluted by the other pigments, the proportion of the oil being increased and the unstable pigment being protected by the zinc, the chemical action that produces darkening of white-lead will be greatly retarded, the effect on the contained tinting colors will be much reduced and the paint will not become "chalky," like pure lead.

Some combination paints are composed exclusively of zinc-white, linseed-oil and inert pigment. If the relative proportions of these materials be correct and the grinding be thorough, the combination will have most of the qualities of pure zinc, will form a thicker coating and will be very little susceptible to cracking when applied to unseasoned wood or in moist weather.

Every manufacturer of combination paints has his own preference as to formulas, but all have satisfied themselves by experiment and by the results of experience that any combination paint containing a goodly proportion of zinc-white and only pure linseed-oil is better than straight lead, and all of them are willing to guarantee such superiority.

There can be no dispute over the assertion that paints ready mixed for use are a natural and logical development from the needs of paint consumers.

There are in the market certain ready-mixed paint compounded with pure linseed-oil. These are almost sally based on zinc-white, in combinat colors and inert pigments, some w some without white-lead. Such pa the most economical and the most sati to be found. Unfortunately the user means of identifying them; but when of ready-mixed paint bears the name utable manufacturer, coupled with l anty that the paint is free from alkal and petroleum products, and that it a fair proportion of zinc, it may be t granted that the paint is safe to use.

Architects entrusted with importa are usually expected to specify the to be used. From a very natural special interest in this department calling, it has become almost a n course with them to specify a prim either of lead or of ochre and oil, s by one or two coats of pure white-oil. A few architects, however, whc tion has been more especially direct question of paint-materials, are accu order the addition of a certain pro zinc-white to the finishing coat, "to lead in place." There is no doubt last-mentioned practice will retard tion to an appreciable extent; but a cases the zinc will probably be adde in the paint-shop, with the certain perfect incorporation, it is prefera lect a brand of prepared paint conf the required formula. Still more sa results can be obtained by using the tion formula throughout.

It would also be very advant specify that the materials shall be ground by machinery. This me greatly mitigate the defects of lead avoid all the so-called faults of zinc nection with this it might also be bid specifically the use of driers a made chiefly with lead salts, and th to insure this omission is to specify poration of the necessary mangan made with a very small proportion in the process of grinding.

Any architect who has in hand requiring a large quantity of pai surprised to find how readily man will comply with intelligent require

For interior work, it is generall that straight zinc or paints bas should be specified to the exclusi The result will be more satisfactory durability, economy and healthfuln very well known that no paint co appreciable proportion of lead will hold its color in an atmosphere w coal is burned, or where there is a effluvium from closets, etc.

Finally, if the architect wishes good honest work from competent painters, he will place his contracts for painting directly with the painter, and not with the carpenter or any other third party.

NEW JERSEY ZINC CO.,
52 Wall St., New York, N. Y.

MAIL-CHUTING.

The Cutler Patent Mailing System or United States Mail-Chute has long been in general use in the commercial buildings of all the principal cities of the United States. More recently it has come to be recognized that it is equally desirable in public buildings, and we have lately completed its installation in the Philadelphia Municipal Buildings, where its removal to more convenient offices at the above address.

Atlas PORTLAND CEMENT

Guaranteed to be Superior to any Imported Cement.

Used Exclusively in the Following New York Buildings:

HAVEMEYER STORES — SINGER BLDG.
ST. PAUL BLDG. — 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

The company will at all times be pleased to furnish information to those who from time to time are called upon to deal with low-level sewage.

Blue prints can be seen (and references furnished) of a variety of cases where the Adams Automatic System has been applied in this country and in Europe, for the purpose of avoiding the pollution of rivers and streams, for the efficient drainage of flat districts, and for raising to sewer level drainage from underground restaurants and toilet-rooms.

Approved by all Boards of Health.

ADAMS PATENT SEWAGE LIFT CO.,
PHILADELPHIA, PA.

ALL of our readers will be interested in the advertisement of Keuffel & Esser Co., because this company furnishes everything required for drawing and measuring. They are probably known to most of our readers, as they are the recognized leaders in their line of business, their goods are the standard of quality, and their generously distributed catalogue is in the hands of every professional. They make most of their goods and absolutely control nearly all goods which they import, and they warrant all of their goods to be exactly as represented, or better. They carry an immense assortment, and probably the largest stock of any house in the world in their line.

Their lavishly illustrated catalogue of over 400 pages is a model of terse but efficient description and is sent free of charge to professional people applying for it.

THE Berlin Iron Bridge Co., of East Berlin, Conn., have taken the contract for the new roof on the East Armory of the Colts' Fire Arms Mfg. Co., at Hartford. This roof is 60 feet wide and 500 feet long, and is to be entirely re-covered. The new roofing is to be the Berlin Iron Bridge Co.'s Patent Anti-condensation Fireproof Roof Lining, consisting of anti-condensation lining underneath the corrugated-iron outside covering.

MERCHANT & CO., INC., of Philadelphia, New York and Chicago, report a heavy increase in Tin and Babbitt Metal business. They have recently taken, among numerous others, a car-load order for Babbitt Metal from a large western machinery mfg. co., the shipment consisting of an assortment of grades.

This order was placed after an exhaustive list of samples from a number of manufacturers.

This Company has been manufacturing all grades of this Metal for a quarter of a century, and their present large business in this line is a fitting tribute to their thorough experience and reliability in its manufacture.

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

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

BENT GLASS FOR MODERN STORE FRONTS, Etc.
ORIEL GLASS CO.,
St. Louis, Mo., U. S. A.

AT the Electric Light Works, Burlington, N. J., there was recently twenty inches of water in the cellar, and a man pumping steadily all night could only lower the water about six inches.

The following day a local plumber put in a Braender cellar-drainer and within an hour and a half it had all the water pumped out.

THE Berlin Iron Bridge Co., of East Berlin, Conn., are furnishing for the United States Government, at Port Caswell, N. C., a steel roof for the new Torpedo Storehouse. This storehouse is of fireproof construction throughout and substantially built. The walls are of brick, and the roof consists of steel trusses with purlins, and the covering is of corrugated-iron.

TRADE-MARK.

A TRADE-MARK is a very good thing to have, and our old friends, the N. G. Taylor Company, manufacturers of tin, of Philadelphia, have a very good trade-mark, which, as a rule, they generally know how to display, but in the little pamphlet which they are now distributing, which explains the method by which they produce their brand of roofing-tin, it seems to us that they have not taken full advantage of the opportunities which their own ingenuity has provided for.

The first illustration of their little pamphlet shows what their trade-mark is — a target with an arrow in flight proceeding direct to the bull's-eye. Then, on the succeeding pages, they have been content to exhibit a series of cuts very well adapted for attracting notice, but instead of working their trade-mark into the design of the cuts they have placed it baldly in the top margin of the page. It seems to us that a little more thought might have secured as effective and a somewhat more interesting result. If, for instance, on the cut showing how the plate is "dipped by hand," the trade-mark had been worked in as a tattoo brand on the naked arm, it would not have been out of place. On Uncle Sam's shirt-front, in the guise of a shirt-pin, the same trade-mark might have appeared. On the silhouette of the Quaker, which might easily have taken the guise of a Philadelphia policeman, the brand might have appeared as his official star, and on the front of Independence Hall one of the clock-faces of the tower might easily have been made to exhibit the trade-mark. And so one might proceed through all of the cuts included in their little pamphlet.

But the N. G. Taylor Company might protest that, useful as their trade-mark may be to them, it is not their only end and aim to parade it in every possible guise and under every possible circumstance, while it is, on the other hand, their object to produce a good roofing-tin, and that they are in a position to prove that they do so produce it they can exhibit vouchers and testimonials of unquestionable authenticity from a large number of former customers.

Cathedral of St. John the Divine.

New York, N. Y.

WE offer the illustrations of the competitive designs for the great Protestant Episcopal Cathedral, now building on Bloomingdale Heights, New York.

In all, fifty-seven plates [loose], 14 x 20 inches, printed on plate-paper.

Price, $2.50 per set.

American Architect and Building News Co.,
211 Tremont St., Boston, Mass.,
U. S. A.

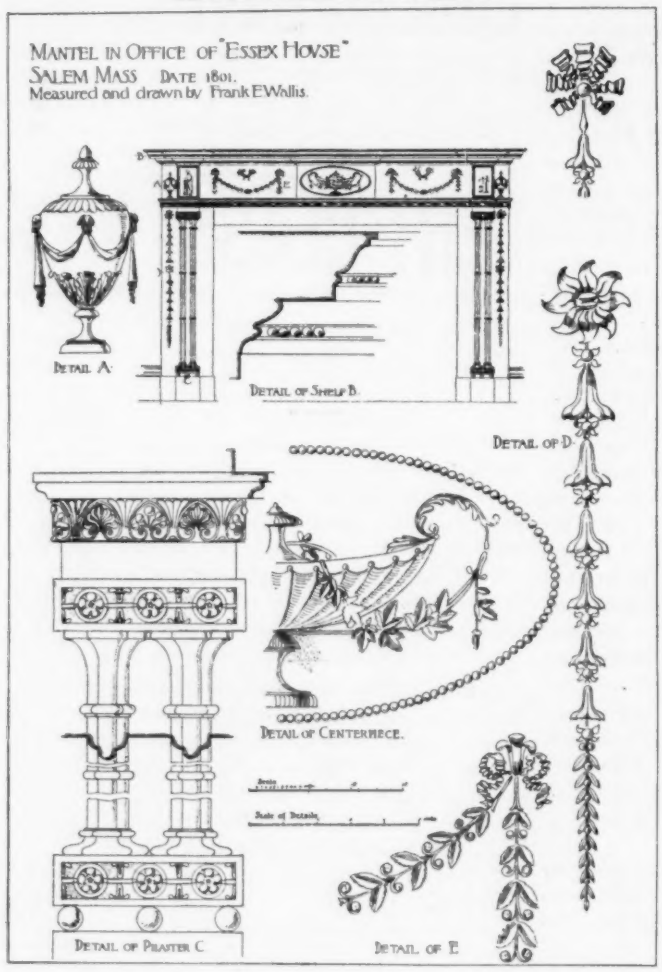
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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FURTHER PARTS IN CONTEMPLATION.

American Architect and Building News Co.,

211 Tremont Street, Boston, Mass.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 205. SATURDAY, JUNE 3 1899. VOLUME LXIV. No. 1223.

THE OLD STYLE'S BURDEN.

(*With apologies to Rudyard Kipling.*)

Take up the Old Style's burden —
  Send forth the stuff ye breed —
Go, bind those brands to exile
  That serve dishonor's greed ;
To waste, unsold, forgotten,
  Through competition wild —
Your full-fledged imitations,
  With truth irreconciled.

Take up the Old Style's burden —
  In patience to abide,
To shield the trade from error
  And thrust deceit aside ;
By honest ways and open,
  To expose the brands, that fain
Would seek another's profit
  And steal another's gain.

Take up the Old Style's burden —
  Each claimant's fresh caprice —
Bewilders buyer — architect —
  And bids the contest cease ;
For when your sale is nearest
  (The end by others sought)
"The Equals!" — worse than folly —
  Bring all your hope to nought.

Take up the Old Style's burden —
  With all the cares it brings ;
With rack of brain and trouble —
  The fate of worthy things.
The cost ye shall not enter,
  The roofs ye shall not tread,
Go, tin them for your living,
  To last when you are dead.

Take up the Old Style's burden —
  And reap its just reward —
The thanks of those ye better,
  The hate of sham and fraud —
The cry of those converted
  (Ah, slowly!) toward the light ;
Who know the Taylors' trade-mark —
  Its guaranty of right.

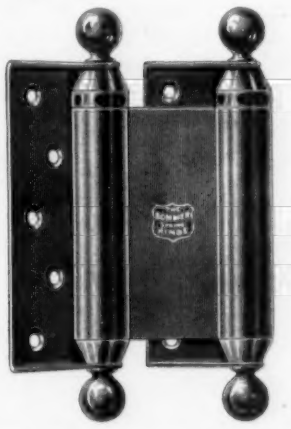
Take up the Old Style's burden —
  Ye dare not use a less —
Nor call too loud on others
  To cloke your thoughtlessness.
By all ye wish or covet,
  By all ye say or do,
The silent, sullen weather
  Shall judge your roof and you.

Take up the Old Style's burden!
  Have done with childish ways —
The long-neglected laurel,
  The deep-begrudged praise —
Comes now to greet your efforts,
  Through all the thankless years,
And crowns with dear-bought wisdom
  The judgment of your peers.

THE Berlin Iron Bridge Co., of East Berlin, Conn., are putting up a new machine-room for the Ducan Co., at Mechanicville, N. Y. The building is 72 feet wide, 170 feet long, the roof-trusses being arranged with trolley-beams and hoists, so that the rolls of paper can be lifted in and out of the machines by power.

OFTEN UNCONSIDERED, BUT NEVERTHELESS IMPORTANT.

SPACE in factories is valuable; the time of employés is likewise valuable, and if a moment can be saved on things which are frequently done in the course of a day the net result during a year amounts to quite a number of hours. For example, if there are quite a number of doors which swing only one way time is wasted in stopping to pull the door open, leaving only one hand free for carrying any thing; whereas if double-action "Bommer" spring-hinges were used a mere push with the foot would suffice to open the door, when coming or going in either direction, leaving both



hands for carrying, thus saving time of employés who have occasion to pass from one room to another.

"Bommer" spring-hinges are made of steel, either japanned or plated; they are extremely durable and reasonable in price. They avoid danger in case of panics, as the doors will open whichever way the crowd pushes against them. The World's Fair Award of 1893 says they are "practically unbreakable"; and these spring-hinges received the Gold Medal Award at the Omaha Exposition, in 1898. They can be obtained from all hardware dealers. Bommer Brothers, Manufacturers, No. 257 to 271 Classon Ave., Brooklyn, N. Y.

B. B. WHITE-LEAD.

IF you use white-lead for painting your buildings, you should use the *whitest* lead, the *finest* lead, and the lead that will *last* the longest.

B. B. Lead has been an acknowledged standard for fifty years, for whiteness, fineness, and lasting qualities. Painters testify to this. When they want to do an especially good job of lead-painting they use B. B. Lead.

B. B. Lead is so finely ground that it takes two gallons more oil to a hundred pounds than does ordinary white-lead.

Linseed-oil is the life of a paint. B. B. Lead with this large amount of oil is the most lasting lead.

A house that is painted with coarse paint presents a rough surface, affording a lodgment for dirt, mildew and dust to collect, and for dampness to gradually disintegrate.

A fine lead on a house makes a smoother and glossier job. Dust, mildew and dampness cannot hold on a smooth, glossy surface. This is another reason why B. B. Lead will last longer and look better than ordinary lead.

B. B. Lead is ground in aged English linseed-oil — an important factor in the lasting quality of the paint.

In painting a building the labor of putting on the paint is seventy-five per cent of the whole cost of the job.

It costs no more to put on good paint than poor paint.

The better a paint is the longer it will last. B. B. Lead costs a little more than ordinary lead, but it will last longer; it is, therefore, more economical and more satisfactory in the end.

English B. B. White-Lead is packed in iron cans of 28 and 56 pounds each, gross weight, and in wooden kegs of 112, 224, 336 and 560 pounds each, net weights. It can be obtained from all paint dealers and from the sole importers, the F. W. Devoe & C. T. Raynolds Co., 101 Fulton Street.

F. W. DEVOE & CO.,
NEW YORK, N. Y.

BOSTON, May 23, 1899.

As an instance of the general acceptance of our construction by the leading architects of the country, in some cases for economy, in some for effect, and always for stability, we note that in the current Catalogue of the Architectural Exhibition, Boston Architectural Club and Boston Society of Architects, that out of the relatively few fireproof buildings illustrated therein our system was applied in six of them.

In the catalogue of two years ago we observe that there were illustrated five different buildings containing our construction.

R. GUASTAVINO CO.

LA CAPITAL TRAMWAY CO., of Buenos Ayres, Argentina, have placed an order with the Berlin Iron Bridge Co., of East Berlin, Conn., for a steel water-tower, supporting a tank having a capacity of 7,000 gallons. This is the fifth order the Berlin Iron Bridge Co. have received from this company.

(*Continued on page 4.*)

[EACH PART COMPLETE IN ITSELF.]

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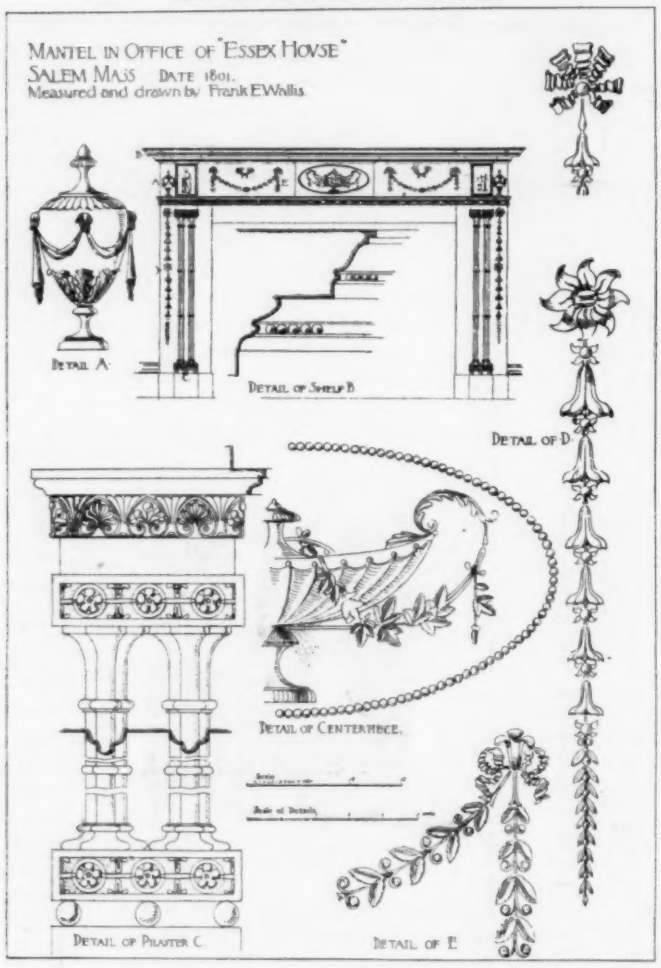

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Guaranteed to be Superior to any Imported or Domestic Cement.

Used Exclusively in the Following New York Buildings:

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Atlas Cement Company

143 LIBERTY STREET
NEW YORK

"The Georgian Period."

"One of the most important in the list "of American books on Architecture is, "and will remain for some time, the work "which is gradually taking definite shape "and whose title is given above."—*The Nation*, March 9, 1899.

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

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

BENT GLASS FOR MODERN STORE FRONTS, Etc.
ORIEL GLASS CO.,
St. Louis, Mo., U. S. A.

A 300% INVESTMENT.

(*Reprinted from The American Engineer of June* 12, 1889.)

The Value of Covering Steam-pipes. — In the Michigan Engineers' Annual, which is a report of the proceedings of the Michigan Engineering Society, of January, 1889, Prof. M. E. Cooley, M. E., of Ann Arbor, gives the following report of his experience as to the Value of Covering Steam-pipes:

"The benefit of Covering Steam-pipes to prevent radiation is strikingly illustrated by the following example: The Thomson-Houston Electric Light Plant in Ann Arbor has about sixty feet of seven-inch pipe connecting the boilers with the engines and two large steam-drums above the boilers. In March, 1887, the steam at the far end of this pipe was tested, to determine the amount of entrained water, the pipes and drums at the time being uncovered. An average of nine experiments gave 31.01 per cent moisture. In June of the same year, after the pipes were covered with Magnesia Sectional Coverings, the quality of the steam was again tested, the average of five experiments giving 3.61 per cent moisture; the tests were made by the same men from the same connections, and in the same manner. The pipes and steam-drums in March were subjected to a draught, which, of course, aided the condensation. Enough water passed into the cylinders to retard the engines, producing a disagreeable noise. In June the weather was warmer and the pipes and steam-drums were well protected. The quality of steam at the boilers was tested in June, and showed about three per cent moisture. Assuming that 100 I. H. P. were being developed at the time, and that each horse-power required thirty pounds of steam, then, if the steam is assumed to have twenty-five per cent entrained water, due to condensation in the pipes and connections, 4,000 pounds steam will need be produced in the boilers, or 1,000 pounds more than necessary. To produce this steam will require about 125 pounds of good coal per hour, or 1,000 pounds per day of eight hours. One-half ton per day, at $3.00 per ton, for 300 days, $450, which, at six per cent, pays the interest on $7,500. The actual cost of the covering, put on complete, probably did not exceed $150." For estimates or other information address

THE KEASBEY & MATTISON CO.,
AMBLER, PA.

NOTES.

MERCHANT & Co., Inc., of Philadelphia, New York and Chicago, report, in their smelting department, an active demand for their Iridium Anti-Friction Metal. This is a peculiar alloy of the Babbitt-Metal class, which is very much like the famous Parsons English Mixture, which has been used in heavy machinery and steamship work for a great number of years. The above firm, after extensive experiment and tests, put this mixture on the market a number of years ago, and time has only given full proof of its merits. It is a coarse-grained, very white, light, and extremely tough material, which is equal to brasses in its endurance and anti-frictional qualities, but which can be much more easily used, as it can be melted in the ladle and poured into the boxes, instead of being cast and filed to fit, as is necessary with brasses.

This company sells every grade of Babbitt Metal, but gives the advantage of their long and extensive experience in this line to their customers in supplying them with the grade and character of Babbitt Metal that their wants require.

All users of this material will find it to their interest to communicate with this well-known company before placing their orders for Babbitt Metals.

THE contracts for the bridges on the line of the Shelton Street Railway Co. have been let to the Berlin Iron Bridge Co., of East Berlin, Conn. These bridges consist of what is known as "Peck's Mill" bridge, which is a deck construction, having four 130-foot riveted-lattice spans, and three plate-girder spans, about 40 feet each. The total length of the bridge is 654 feet. The trestle for the South End Land Co. consists of one 130-foot-riveted lattice-span, one 30-foot and one 60-foot plate-girder span, making a total length of 220 feet. Besides these there are two plate-girder spans, one of 60 feet, over Far Mill River, and a bridge in the town of Shelton, which answers as a highway bridge, as well as a crossing, which carries the street-railway tracks.

WE have recently prepared and are sending out three treatises on Tin-roofing, well worthy of consideration by architects, engineers and every one interested in this material.

The first thoroughly explains "How Roofing-tin is Made."

The second tells "How a Tin Roof should be Laid and Painted."

The third shows in detail the difference of our method of manufacturing plates from the old Welsh method, and the reasons for claiming superiority for our method.

These pamphlets will be sent to any one sufficiently interested in the matter to address a request on a postal-card to us at any of our offices.

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

THE Providence Gas Co. will make large additions to their plant during the present season, and have placed contracts with The Berlin Iron Bridge Co., at East Berlin, Conn., for a new meter-house 65 feet wide, 110 feet long, a purifier house 40 feet wide, 175 feet long, and three stories high; and also for a gas-holder building, 184 feet in diameter. The entire construction will be steel frame-work, absolutely fireproof.

THE protection of iron and steel used in modern architecture is a subject that requires careful consideration and the paint selected should be one that has effective rust-preventing properties. Harrison Brothers & Co., Inc., have in their "Antoxide" a preparation that is unequalled for this purpose; it will withstand great changes of temperature and is suitable for all kinds of iron and steel work exposed to deleterious gases and the elements.

HENDEY MACHINE Co., of Torrington, Conn., are building a new engine-room, 40 feet wide and 60 feet long. The side-walls are of brick; the roof has steel trusses with corrugated-iron covering, supported on steel purlins. A large ventilator extends along the ridge of the roof. The corrugated-iron is lined with the Berlin Iron Bridge Company's Patent Anti-Condensation Lining. The Berlin Iron Bridge Co. furnish and erect the steel framework and covering.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

HOUSES.

Philadelphia, Pa. — *Waterloo St.*, nr. Mascher St., 30 two-st'y bk. dwells., 14′ x 26′ x 40′; $33,000; o. & b., D. C. Schuler & Son.

Tulpehocken St., nr. Main St., Germantown, three-st'y st. dwell., 57′ x 61′; $20,000; o., F. W. Tunnell; b., Sam'l Harting; a., Rankin & Kellogg.

Thirteenth St., nr. 65th Ave., Oak Lane, three-st'y st. dwell., 36′ x 40′; $6,000; o., Jacob Schiffhauser, 1741 Park Ave.; b., T. Frank Miller.

Bancroft and Wolff Sts., nr. 16th St., 16 two-st'y bk. dwells., 15′ x 38′, 16′ x 49′, 16′ x 51′ & 18′ x 52′; $22,000; o. & b., Michael Whelan.

Pittsburgh, Pa. — *Climax St.*, cor. Walter Ave., three-st'y bk. dwell., 28′ x 45′, slate roof, hot water; $5,000; o., Mrs. Jane Sheck; a., J. A. Long, 412 Park Building.

St. Louis, Mo. — *Berlin Ave.*, nr. Taylor St., two-st'y bk. & st. dwell., 32′ x 34′, slate & tile roof; $15,000; o., Chas. Lindenschmit; a., Deitering & Klipstein, De Soto Building.

Von Verson Ave., 7 three-st'y bk. & st. dwells., 23′ x 34′, slate roofs, furnaces; $30,000; o., Brown Realty Co.; a., J. B. Legg, Koken Building.

St. Paul, Minn. — *Summit St.*, nr. Albert St., 2½-st'y bk. dwell., 34′ x 56′, furnace; $6,000; o., Joseph M. Dickson; b., O. H. Alm, 29 E. 7th St.

Laurel St., nr. Victoria St., two-st'y fr. dwell., 28′ x 42′, furnace; $5,000; o., Miss L. Burgess, 80 Iglehart St.; b., A. Koerner, 641 Winslow St.

Washington, D. C. — *Eleventh St., No.* 1737, three-st'y bk. & st. dwell., 16′ x 71′, hot water; $5,200; o., Robert W. Brown.

Thirteenth St., No. 1824½, three-st'y bk. dwell., 20′ x 33′; $6,000; o., D. B. Groft.

Quincy St., bet. 8th & 9th Sts., 20 two-st'y bk. & st. dwells., 16′ x 60′, flat roofs, steam; $60,000; o., Adam McCandlish.

Worcester, Mass. — *Mendon St.*, three-st'y fr. dwell., 28′ x 44′; $5,000; o., a. & b., John E. Doyle.

Ingleside Ave., three-st'y fr. dwell., 37′ x 58′; $5,000; o. & b., W. A. Beaudette.

Circuit Ave., two-st'y fr. dwell., 35′ x 38′; $4,500; o., Arthur E. Gray; a., C. F. Wesson; b., M. L. & L. M. Hall.

Vincent St., two-st'y fr. dwell., 27′ x 36′; $4,000; o., W. A. Warden; a. & b., M. L. & L. M. Hall.

May St., 2½-st'y fr. dwell., 28′ x 32′; $3,000; o. & c., J. J. Powers.

Fairbanks St., three-st'y fr. dwell., 28′ x 52′; $3,500; o., August Weyren; b., L. M. Peterson.

Belmont St., three-st'y fr. dwell., 27′ x 58′; $3,500; o., Etienne Leclair; c., Dorais & Dupuis.

Hancock St., two-st'y fr. dwell., 26′ x 37′; $3,000; o. & a., Alonzo Caswell; c., Joseph Tetreault.

Cleveland Ave., two-st'y fr. dwell., 25′ x 47′; $5,000; o., Thomas Olney; a., W. H. Harvey; c., W. G. Warren.

OFFICE BUILDINGS.

New York, N. Y. — *West St.*, cor. Beach St., four-st'y bk. store & offices, 90′ x 100′; $125,000; o., John T. Williams, Stamford, Conn.; a., J. T. Williams & J. T. Williams, Jr., 27 William St.

Broadway, cor. Cedar St., sixteen-st'y st. office-building, 40′ x 100′; $400,000; o., American Exchange Nat'l Bank, 128 Broadway; a., Clinton & Russell, 32 Nassau St.

Fifth Ave., No. 244, eleven-st'y iron & st. office-building, 31′ x 85′ & 90′; $150,000; o., Andrew J. Connick, 220 Fifth Ave.; a., Rob't Maynicke, 725 Broadway.

Worcester, Mass. — *Bloomingdale Road*, one-st'y bk. & granite office-building, 61′ x 78′; $10,000; o., W. M. Spaulding; a., C. H. Lincoln; c., Webb Granite & Construction Co.

PUBLIC BUILDINGS.

Elwood, Ind. — Three-st'y bk. & st. City-hall, slate & copper roof, steam; $30,000; o., City; a., J. F. Alexander & Son, Lafayette.

Lincoln, Neb. — Two-st'y st. Court-house, slate roof, hot water; $20,000; o., Lancaster County; a., C. W. Squires, Emporia, Kan.

Statesville, N. C. — Three-st'y bk. Court-house, 86′ x 89′, slate roof, steam; $20,000; o., Iredell County; a., Hayden, Wheeler & Schwend, Charlotte.

WAREHOUSES.

Boston, Mass. — *Beverly St.*, nr. Causeway St., Ward 8, four-st'y fr. storage building, 30′ x 390′, flat roof; $8,000; o. & b., Fitchburg, R. R.

Worcester, Mass. — *Quinsigamond Village*, two-st'y bk. & granite storehouse, 86′ x 228′; $11,000; o., American Steel & Wire Co. (Washburn & Moen Mfg. Co.). Plans by the company's engineer.

MISCELLANEOUS.

Columbus, Ga. — Three-st'y bk. & st. Masonic Temple, 69′ x 140′, gravel roof, steam; $30,000; o., Masons of Columbus; a., W. F. Denny, Atlanta.

Windsor, Ont. — Three-st'y & base. chemical laboratory, 100′ x 120′, comp. roof, steam; $25,000; o., Fred Stearns & Co., cor. Porter & 23d Sts., Detroit, Mich.; a., Stratton & Baldwin, 1103 Union Trust Building, Detroit, Mich.

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THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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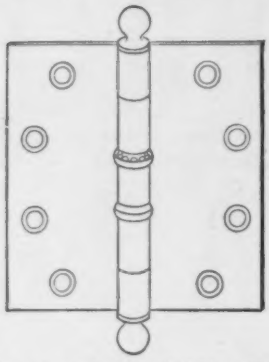

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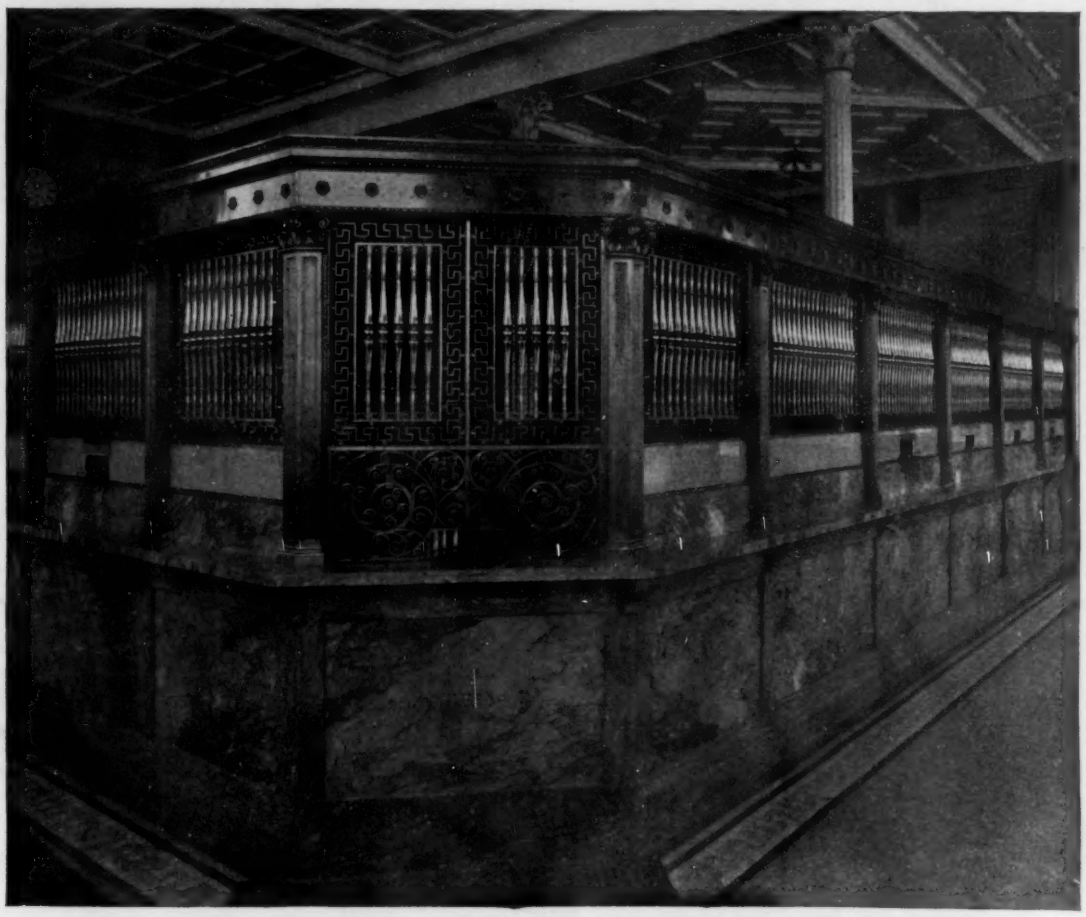
BUILDING MATERIALS	New York.	Boston.	Chicago.	Philadelphia.
STONE. (℗ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ℗ ton.	20 @ foot	@ 5 00
Block	@	4 60 ℗ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℗ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (℗ *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 (℗ *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. ℗ M.	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
LUMBER. — ℗ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 25	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℗ 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 ℗ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30″ $35 @ 40
Cedar split ℗ M.		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed " "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split ..... 7 x 24 " "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14



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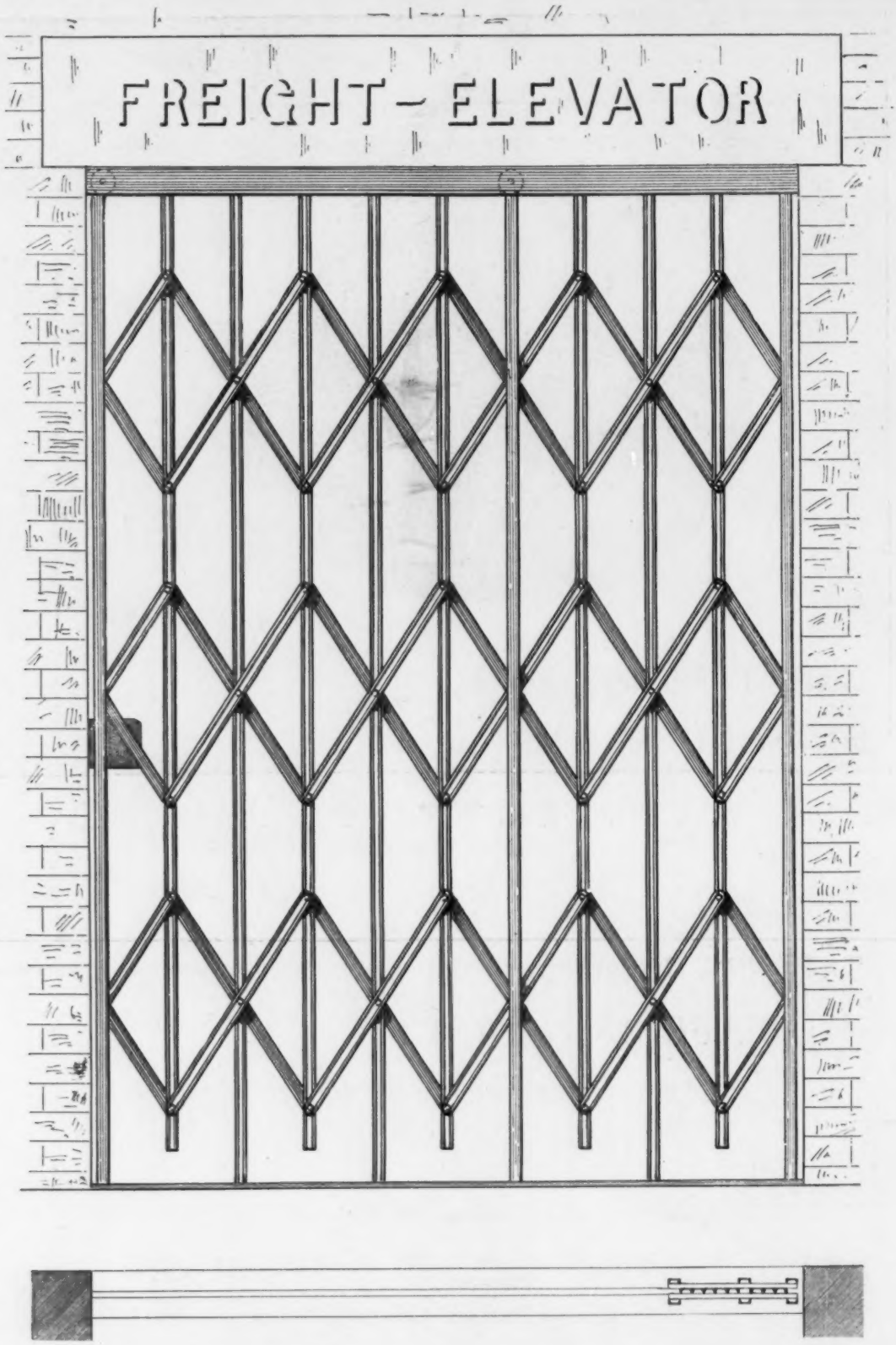

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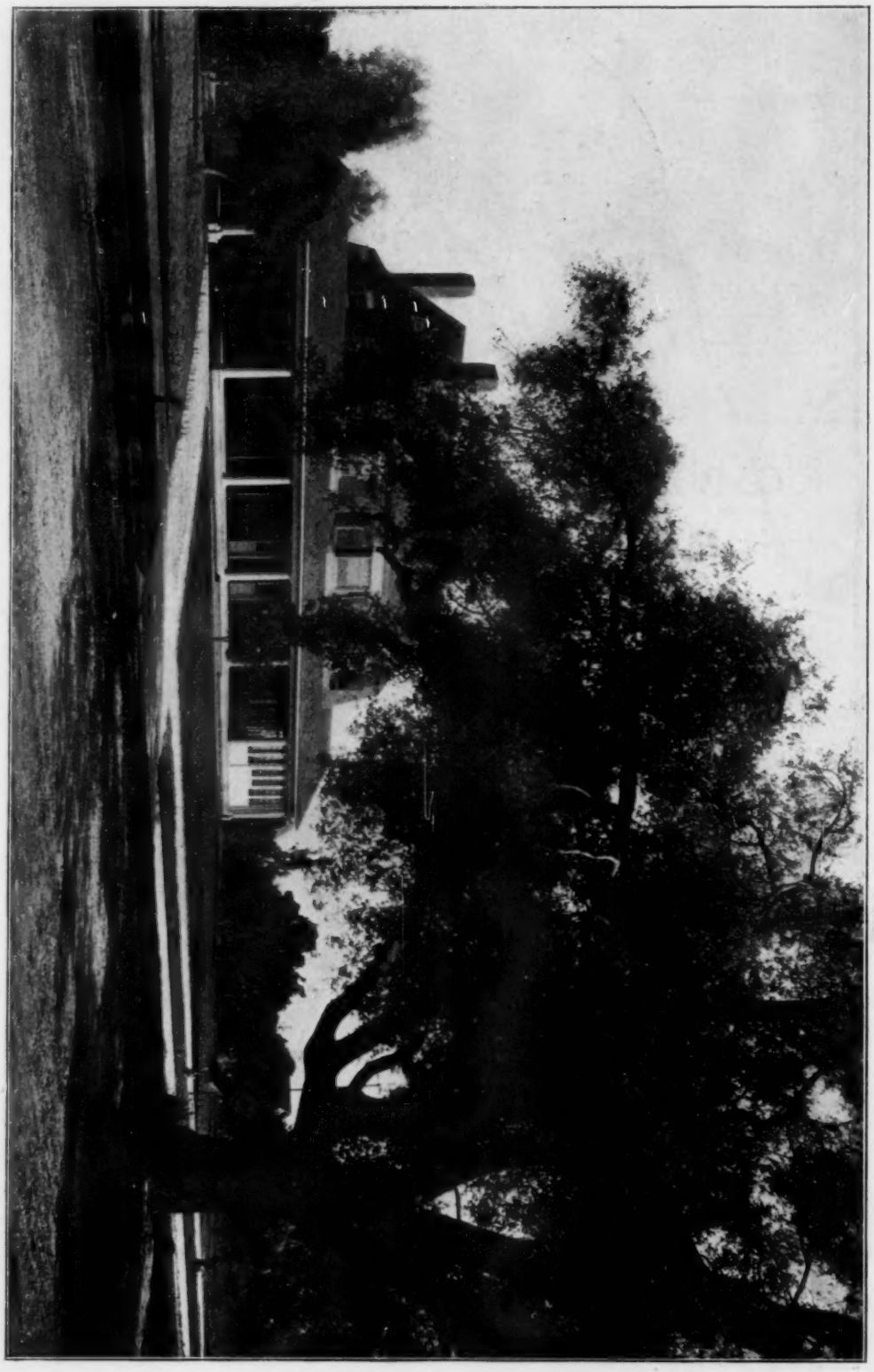

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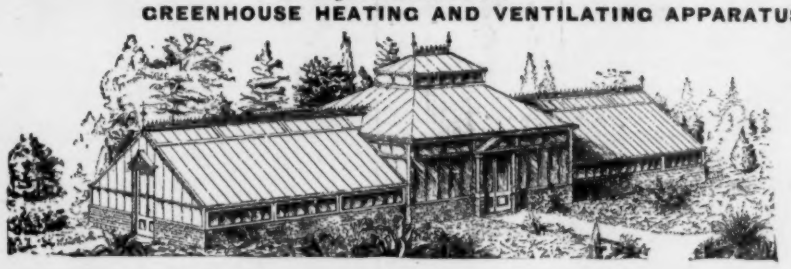

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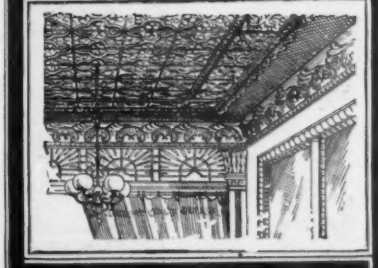

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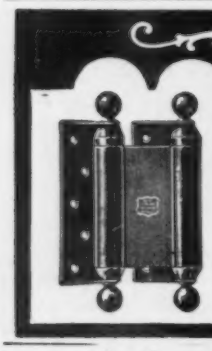

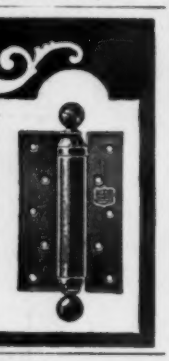

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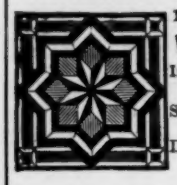

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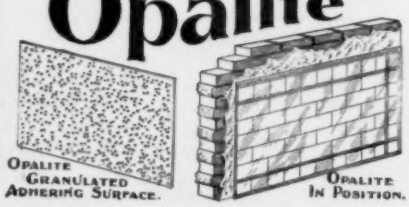

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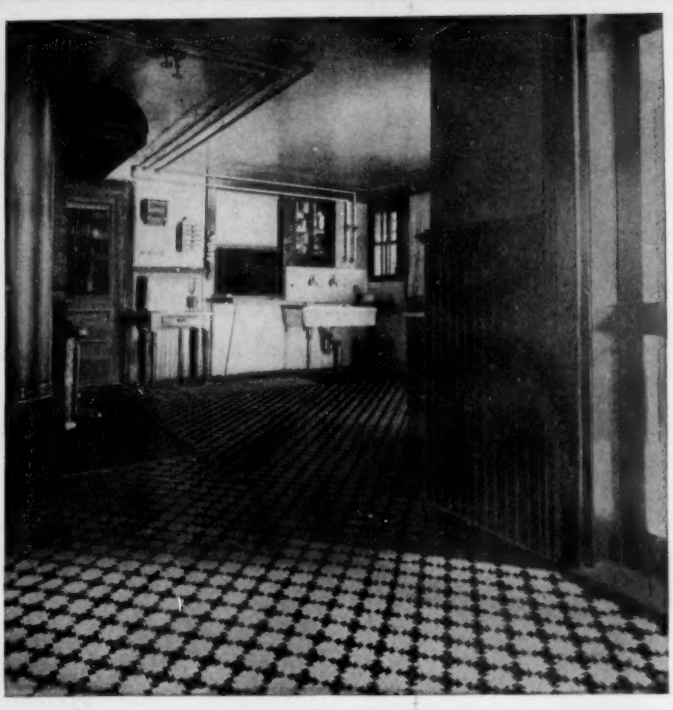

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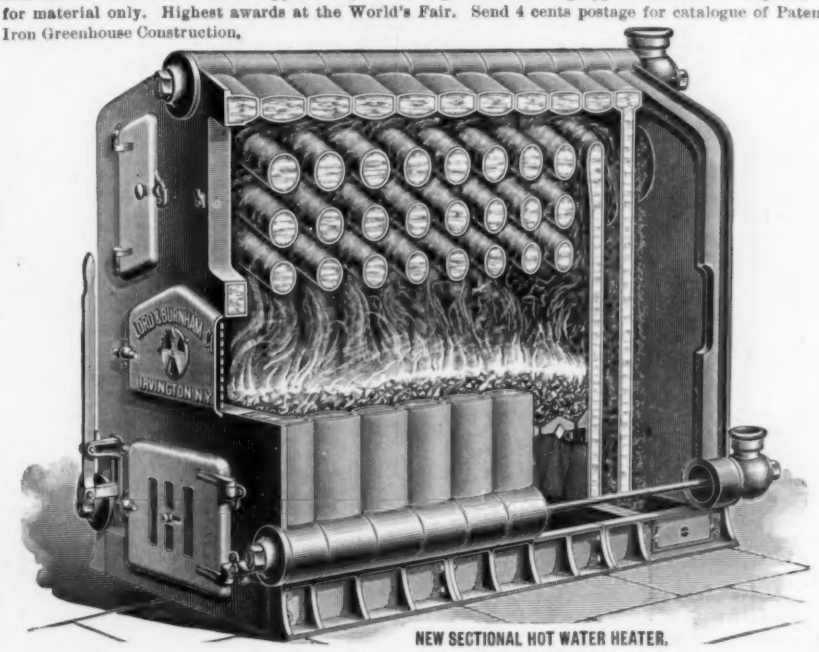

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ARCHITECTS' REMOVALS, Etc.

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621,404. Lumber-Piling Platform. — Roy E. Gailey and John F. Bohlander, Newkirk, Okla.
621,419. Burglar-Alarm. — Edmiston P. Johnson, Decatur, Ill.
621,421. Fireproof Curtain. — William R. Kinnear, Columbus, O.
621,446. Fireproof Floor for Buildings, etc. — Alexander H. Crawford, Edinburgh, Scotland.
621,475. Elevator. — John J. McCormick, San Francisco, Cal.
621,501. Window. — Peter A. Petersen, Webster, S. D.
621,524. Miter-Box. — William H. Gordon, Portland, Ore.
621,542. Fireproof Window. — Joseph W. Sheppard, New York, N. Y.
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Boston Society of Architects.

ROTCH TRAVELLING-SCHOLARSHIP.

Sixteenth Annual Competition.

The examination for the Rotch Travelling-Scholarship will be held at the Boston Architectural Club, 5 Tremont Place, Boston, on Monday and Tuesday, April 10th and 11th, at nine o'clock A. M.

Candidates must be under thirty years of age, must have worked during two years in the employ of an architect resident in Massachusetts, and will be required to pass preliminary examinations upon the following subjects:

I. Construction, Theory and Practice. (Written examination.)

II. An Elementary Knowledge of the French Language. (Written examination.)

III. History of Architecture. (Written examination.)

IV. Freehand Drawing from the Cast.

Candidates who pass in these preliminary examinations will be asked to present themselves on the third Saturday following, for the competition in Design.

Candidates who passed in the preliminary examinations last year are eligible for admission to the competition in Design without re-examination.

The successful candidate in each yearly examination receives from the Trustees of the Scholarship annually, for two years, $1,000, to be expended in foreign travel and study; provided always that the beneficiary shows such fitness and diligence as may be required of him.

The Boston Society of Architects has offered the sum of $75 as a second prize.

Candidates are required to register their names with the Secretary of the Committee three days before the opening of the examinations.

Any further information concerning the Scholarship can be obtained upon application to

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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.

Asbury Park, N. J.—Brouse & Ahrend are preparing plans for a large hotel and a casino to be built this spring.

Boston, Mass.—The stockholders of the new Boston Music Hall have authorized the directors to proceed with the erection of the structure according to the plans practically prepared by McKim, Mead & White, of New York City.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

It is reported that the Boston & Albany R. R. is to build a round-house on Beacon Pk., near Windom St., Allston District, to cost $80,000.

Bridgeport, Conn. — It is stated that two schools are to be erected here at a total cost of $60,000.

Brooklyn, N. Y. — The Greenwood Baptist Society has decided to purchase a site for a new church at the corner of 9th St. and 7th Ave.

Albert E. Parfitt, 26 Court St., is preparing plans for an addition consisting of a chapel and parochial school to be made to St. Augustine's Church, on 6th Ave. and Sterling Pl.

A four-story fireproof building to be used for city offices is suggested. The city owns the lot adjoining the present municipal building known as "Murphy's Park," having a frontage on Joralemon St. of 145′ with a depth of 182′. Deputy Commissioner Walton is in favor of the project.

Ground has just been broken for the new building of the Prospect Park Branch of the Young Men's Christian Association, in 9th St., between 5th and 6th Aves. The new structure, costing about $16,000, is to be used for a gymnasium, and will be built next to the present building. It is to be 80′ long, 38′ broad and 37′ high. There is to be a swimming-tank and a full equipment of shower and other baths.

Buffalo, N. Y. — Robert E. Williams, 1326 Prudential Building, has completed plans for a frame, brick and stone residence and a frame stable for Otto J. Lantz; cost, about $14,000

Jacob Dold contemplates building a $150,000 theatre on the site of the old White House property on Upper Main St. Reports state that Chicago and New York architects are preparing sketches in competition.

Chicago, Ill. — A $75,000, six-story fireproof wholesale building is to be erected at the corner of Randolph and Jefferson Sts., for Henry Horner & Co., wholesale grocers, after the plans of Samuel A. Treat.

Report states that Harvey Wright, 226 La Salle St., is designing a four-story stone and pressed-brick apartment-building, to be built on Greenwood Ave., near 54th St., at a cost of $45,000.

Clinton, Ia. — It is reported a Spiritualistic College will be erected here at a cost of $40,000. Dr. O. G. Adams, of Dubuque, is interested.

Colorado Springs, Col. — Lyman S. Atkinson is stated to have received the contract for rebuilding the Alamo Hotel; estimated cost, $80,000.

Council Bluffs, Ia. — It is reported that the citizens have voted to issue $65,000 bonds to erect a high school.

Denison, Tex. — It is stated that A. J. Armstrong, of Dallas, has prepared plans for a $45,000 store, bank and office building to be erected here.

Des Moines, Ia. — The County Board of Supervisors limit the competition to furnish plans for the new $400,000 Court-house to local architects only.

Dillon, Mont. — The school district has taken preliminary steps towards the erection of a wing for a new school-house. It will be two stories and basement, with two class-rooms on each floor; cost, $10,000. The entire building complete will cost about $35,000.

Duluth, Minn. — Macleod, Campbell & Smith have been awarded the contract to remodel the American Exchange Building, at about $11,000; Palmer, Hall & Hunt, architects.

Eau Claire, Wis. — The contract for erecting the 6th Ward School Building was let to Andrew Brown & Co., New Richmond, at $12,643. C. L. Brown, of this city, architect.

Everett, Mass. — Mayor Arthur W. Hatch has petitioned for permission to issue City bonds to the amount of $100,000, to be known as the Everett School Building Loan and the proceeds to be devoted to school purposes.

Hanover, N. H. — It is said that the Trustees of Dartmouth College have under consideration the matter of erecting several new buildings, namely, a memorial hall and administration building, another dormitory, a college commons and a new gymnasium. They are also considering the advisability of establishing a lighting and heating plant.

Harrisburg, Pa. — Addison Hutton, Philadelphia, has completed plans for a group of buildings to be erected here for the Pennsylvania Lunatic Hospital. Proposals for the same will be received by the Trustees of the Hospital at Harrisburg until noon, April 15, 1899. Plans and specifications can be seen at the office of the architect, 400 Chestnut St., or at the hospital.

The preliminary plans for the new hotel to be erected at the southwest corner of Broad and Walnut Sts. have been made by James T. Windrim.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Jacksonville, Ill. — It is stated that the congregation of the Westminster Presbyterian Society contemplates the erection of a new $25,000 edifice.

Jersey City, N. J. — John A. Resch has prepared plans for brick stores and apartments to be erected on Ocean and Clairmount Aves., at a cost of $50,000.

Little Rock, Ark. — It is reported that the Arkansas Furniture & Carpet Co., will erect a three-story brick building; estimated cost, $30,000.

Madison, S. D. — The House has passed a bill providing $22,000 for a dormitory at the Madison Normal School.

Manktao, Minn. — The contract for construction of St. Joseph's Hospital has been awarded to J. F. Schingle, at $17,146.

Mansfield, Mass. — $8,000 has been appropriated to erect a Public Library and Soldiers' Memorial Building, Charles S. Newcomb, D. S. Spaulding, David E. Harding and Alfred V. Rogerson, Building Committee. It is to be erected on the site donated last year by Mrs Eliza Noble.

Media, Pa. — Albert W. Dilks, of Philadelphia, has completed the plans for the new building for the First National Bank. Contractors are figuring.

Milwaukee, Wis. — A brick and stone stable to cost $1,300 is to be built on Hibernia St., near 10th St., for Abel & Bach, from plans by Charles Fitzgerald.

Newport News, Va — M. J. Dimmock, of Richmond, has prepared plans for an opera-house, to be erected here for Thos. G. Leath; estimated cost, $70,000.

Newport, R. I. — The City-hall Commission has opened bids on the revised plans for a new City-hall, and voted to recommend to the City Council the acceptances of the lowest bidders to build a granite structure at a cost of $80,834.

New York, N. Y. — The Church of St. Esprit, 30 W. 22d St., has acquired a site, 65′ x 98′ 9″, on E. 27th St., Nos. 45-47, and will erect a new church. Architect not selected; rector, Alfred V. Wittmeyer, 1018 Lexington Ave.

Plans are being prepared in competition for a new wing and hospital to be erected on Amsterdam Ave., between 136th and 138th Sts., for the Hebrew Benevolent and Orphan Asylum Society, Louis Stern, 32 W. 23d St., Chairman Building Committee.

Babb, Cook & Willard, 3 W. 29th St., have been selected as the architects for the residence Andrew Carnegie will build on 5th Ave., between 91st and 92d Sts.

Howard Gould has purchased a site for his new residence on the south corner of 5th Ave. and 73d St.

Plans for a new hotel have been filed with the Department of Buildings by Howard, Cauldwell & Morgan, acting for Francis Kinney. The hotel will be a twelve-story fireproof building, at the northwest corner of 56th St. and Madison Ave. The hotel will be of limestone and brick, in the Renaissance style, costing $250,000.

It is stated that a $350,000 high school will be erected on 120th St. and Broadway, for the Horace Mann School of Teachers' College.

St. Augustine's R. C. Church is to erect a new chapel, rectory and parochial school on 6th Ave. and Prospect Pl., at a cost of $150,000, Rev. L. J. McCarthy, pastor.

It is stated that plans have been prepared by McKim, Mead & White, 160 Fifth Ave., for the new $500,000 hospital, to be erected on 1st Ave. and 27th St. It will be five stories high, covering an area of 98′ x 198′.

North Adams, Mass. — Plans for a new six-story hotel have been submitted by J. McArthur Vance, of Pittsfield. A fireproof steel frame structure is called for, and the site will probably be the one now occupied by the Richmond House.

Oconto, Wis. — St. Peter's Catholic Society has adopted plans by H. A. Foeller, architect, of Green Bay, for a new church. It will be 52′ x 140′, of brick and stone, shingled roof and hot-air heat, iron beams and columns; cost, $12,000.

Philadelphia, Pa. — Frank D. Williams will build 11 three-story brick dwellings, each 16′ x 50′, on the north side of Venango St., west of 18th St., and 7, each two stories high, 15′ x 52′, on the west side of 18th St., above Venango St., at a cost of $52,800.

A five-story brick, iron and stone factory building, 36′ x 95′, is to be erected at Vine and Orianna Sts., from plans by J. F. Stuckert & Son.

It is stated that Allen B. Rorke, Bourse Building, has received the contract for erecting the Exposition Building, at $298,000.

Thomas Little & Sons have been awarded the contract for the Nurses' Home, to be erected at Front and Lehigh Aves. for the Episcopal Hospital. The building will cost $100,000. Hewitt Bros., Bullitt Building, architects.

Pittsburgh, Pa. — Chief Bigelow of the Pittsburgh Department of Public Works has announced that Andrew Carnegie is ready to give the Pittsburgh Carnegie Library an endowment of $1,000,000, and $500,000 additional to be spent on improvements. The gift only awaits the action of Pittsburgh in appropriating $3,500,000 for Schenly Park improvements.

Rockwell, Ia. — J. H. McNamara, 620 Chestnut St., St. Louis, Mo., has prepared plans for a two-and-one-half story convent for the Sisters of the Order of the Holy Ghost. The estimated cost is $50,000.

Salem, Mass. — The order appropriating $35,000 for

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

a new police-station filed with the Mayor of that city for his approval has been returned to the Clerk of the Council unsigned, and accompanied by a veto message. It is understood that the Mayor gives as one of his reasons that the plans do not conform to the requirements of the city ordinances. He also objects to the location, it being too low and damp.

Sault Ste. Marie, Mich. — The School Board contemplates the erection of a school-house to cost $20,000.

Scranton, Pa. — Report states that the Lackawanna Trust & Safe Deposit Co. is to build a $50,000 bank building on Lackawanna Ave., after plans by Wm. Fuller, Albany, N. Y.

Sheperdsville, Ky. — All bids received on March 6 for erecting the proposed new Court-house have been rejected. New bids will be invited, W. B. Tilden, County Clerk.

Sibley, Ia. — Plans of Warren H. Hayes, of Minneapolis, Minn., for a $7,000 frame church, 70′ x 75′, have been accepted by the Congregational Society.

Springfield, Mass. — The Belmont Avenue Baptist Society contemplate building a new church. Sketches have been submitted for a frame structure, to cost about $15,000, and also for one of stone to cost $25,000, to seat about 500 persons. A committee is now looking for a site.

St. Cloud, Minn. — Plans are being prepared for a new hospital building which the Sisters of St. Benedict will erect. It will be three stories in height, and will cost $10,000.

Steilacoom, Wash. — As soon as the State Board of Control can visit the asylum and determine the form in which the new wing to the institution will be built, bids will be taken for the construction of a $40,000 addition.

Tacoma, Wash. — It is stated that a $40,000 wing will be added to the Steilacoom Asylum.

Toronto, O. — Reports state that a $25,000 high-school-building will be erected at this place.

Warren, R. I. — Press reports state that a large new mill is to be built by Fall River, Mass., parties, who are interested in the Parker Mills.

Watertown, N. Y. — Architect J. W. Griffin has completed the plans for a brick building to be added the plant of the H. H. Babcock Co., as an addition to the wood-working department. The new building will front on Fairbanks St.; dimensions, 60′ x 179′, five stories and a basement.

Waupaca, Wis. — It is stated that the plans of Buemming & Dick, of Milwaukee, have been accepted for a $25,000 hospital for the Wisconsin Veterans' Home.

ALTERATIONS AND ADDITIONS.

Denison, Tex. — *Main St.*, four-st'y bk. & st. addition to store & office building, 50′ x 120′, gravel roof, steam; $45,000; a., A. J. Armstrong, Dallas.

New Rochelle, N. Y. — Alteration to 2½-st'y fr. dwell.; $10,000; o., Henry D. Steers, 5 Bowling Green, New York City; a., Snelling & Potter, 111 Fifth Ave., New York City.

APARTMENT-HOUSES.

Detroit, Mich. — *Brooklyn Ave.*, three-st'y bk. & st. apart., 125′ x 132′, comp. roof, furnace; $30,000; o., Frank D. Hovey, 699 Second Ave.; a., S. C. Falkinburg, 903 Hammond Building.

Springfield, Mass. — *Franklin St.*, 3 six-st'y bk. flats, each 38′ 8″ x 80′, sandstone trimmings, gravel roof, steam heat; about $6,500 each; o., S. A. Ryan; a., W. B. Reid, Holyoke.

St. Louis, Mo. — *Chouteau St.*, cor. Sarah St., two-st'y bk. apart. & stores, 103′ x 111′, comp. roof; $35,000; o., N. Pelligreen, Commercial Building.

EDUCATIONAL.

Carthage, O. — Four-st'y bk. & st. convent, 200′ x 300′, slate roof; $70,000; o., Sisters of the Good Shepherd; a., Henry Kister, Builder's Exchange, Cincinnati.

Evanston, Ill. — Two-st'y bk. & st. high school building, tile roof, steam; $70,000; o., Board of Education; a., Chas. R. Ayars, 95 Dearborn St., Chicago.

Holyoke, Mass. — Sixteen-room school-house with hall seating 600; $50,000; o., City of Holyoke; a., W. B. Reid.

Norristown, Pa. — Three-st'y bk. high-school building; $50,000; o., Board of Education; a., Seymour Davis, 907 Walnut St., Philadelphia.

Wells, Minn. — Two-st'y bk. school-building, shingle roof, fan system; $23,000; o., School District No. 68; a., Orff & Guilbert, Minneapolis.

FACTORIES.

Chicago, Ill. — *Seventeenth and Clark Sts.*, four-st'y & base. bk. factory, gravel roof, steam; $22,000; o., Acme Flexible Clasp Co., 1701 Clark St.; a., Hessenmueller & Meldahl.

Cincinnati, O. — *Thirteenth and Jackson Sts.*, five-st'y bk. & st. factory, 48′ x 146′, comp. roof; $40,000; o., Doscher Candy Co.; a., Emil G. Rueckert, 1620 Linn St.

Mt. Adams, nr. Eden Park, 2½-st'y st. factory, 47′ x 85′, tile roof; $40,000; o., Rookwood Pottery Co., Mt. Adams; a., Elzner & Anderson, 18 E. 4th St.

Detroit, Mich. — *State St.*, seven-st'y bk. & st. factory, 100′ x 100′, comp. roof, steam; $100,000; o., Brown Bros., 33 State St.

HOTELS.

College Hill, O. — 3½-st'y bk. & st. hotel, 68′ x 96′, tin roof; $35,000; o., John Hauck Brewing Co., Cincinnati; a., J. J. Rueckert, 12th & Walnut Sts., Cincinnati.

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(*Hotels Continued.*)

Crawfordsville, Ind. — Four-st'y bk. & st. hotel, 82′ x 166′, gravel roof, steam; $50,000; o., C. M. Crawford; a., John G. Thurtle, Indianapolis.

Madison, Ill. — Three-st'y bk. & st. hotel, 86′ x 113′, comp. roof, steam; $20,000; o., Chas. A. Truitt, 421 N. 8th St., St. Louis, Mo.; a., J. B. Legg, 715 Locust St., St. Louis, Mo.

Mt. Kisco, N. Y. — 2½-st'y fr. hotel, 25′ x 50′; $8,000; o., H. Goeltze, cor. 82d St. & East End Ave.; a., Edward Wenz, 1491 Third Ave.

HOUSES.

Ashkum, Ill. — Two-st'y fr. dwell., 37′ x 55′, shingle roof; $5,000; o., Dr. Earnest; a., C. D. Henry, Kankakee.

Boston, Mass. — *Haliday St.*, nr. Geneva Ave., Ward 20, two-st'y fr. dwell., 26′ x 32′, pitch roof, furnace; $3,000; o., Ellen F. O'Hearn; b., D. McDonald, 127 Bellevue St., Dorchester.

Wordsworth St., nr. Saratoga St., Ward 1, two-st'y fr. dwell., 21′ x 26′, flat roof, stoves; $1,000; o., a. & b., David Marshall, on premises.

E. Second St., Nos. 866-868, Ward 14, 2 two-st'y fr. dwells, 21′ x 53′, flat roofs, stoves; $9,000; o., a. & b., A. H. Flint, 614 E. 6th St., S. Boston.

Stratford St., nr. Greenbriar St., Ward 20, 2½-st'y fr. dwell., 26′ x 46′, pitch roof, furnace; $5,000; o., John Cook; a., E. P. Morse; b., Jas. Cook, 16 Draper St.

Commonwealth Ave., Nos. 314-316, Ward 11, two-st'y bk. dwell., 56′ x 65′, flat roof, steam; $50,000; o., A. C. Burrage, Ames Building; b., Connery & Wentworth.

Hartford St., No. 15, Ward 16, 2½-st'y fr. dwell., 28′ x 54′, pitch roof, furnace; $6,000; o., Linda J. West, 166 Magnolia St.; b., A. C. Farrow.

Chestnut Pl., nr. Winship St., Ward 25, 2½-st'y fr. dwell., 43′ x 45′, pitch roof, furnace; $4,000; o., Cath. Donigan; b., J. & W. H. Muldoon, Brighton District.

Devon St., No. 33, Ward 20, 2½-st'y fr. dwell., 29′ x 60′, pitch roof, stoves; $6,000; o., a. & b., Pierce F. Lonergan, 19 Brunswick St.

Burrell St., Nos. 92-96, Ward 17, 3 two-st'y bk. dwells., 22′ x 45′, flat roofs, stoves; $15,000; o., Juli Borretti; b., J. Foternick, 42 Court St.

Haskins St., nr. Ruggles St., Ward 18, 7 two-st'y dwells., 23′ x 55′, flat roofs, stoves; $35,000; o. & b., B. Harris, 51 Allen St.

W. Eighth St., nr. E St., Ward 15, two-st'y fr. dwell., 22′ x 50′, flat roof, stoves; $3,000; o., a. & b., Sam'l W. Johnson, 591 Broadway, S. Boston.

Dove St., Nos. 113-115, Ward 14, 2 two-st'y fr. dwells., 22′ x 35′, flat roofs, stoves; $5,000; o., a. & b., Sam'l W. Johnson, 591 Broadway.

Chelsea St., Ward 1, 2 two-st'y fr. dwells., 21′ x 44′, flat roofs, stoves; $8,000; o. & b., J. Goldinger, 3 Central Sq., E. Boston.

Chicago, Ill. — *Winthrop Ave., Edgewater*, two-st'y fr. dwell., 30′ x 45′, shingle roof, furnace; $5,000; o., G. J. Rawll, 46th St. & Packer's Ave.; a., Church & Jobson, 1234 Marquette Building.

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Kedzie Ave., cor. Carlisle Pl., two st'y & base. bk. & st. dwell., 25′ x 64′, gravel roof, hot water; $6,000; o., Aug. Kreffer; a., Geo. L. Pfeiffer, 1168 W. 12th St.

East Orange, N. J. — *Hawthorne Ave.*, 2½-st'y fr. dwell.; $7,000; a., Fred. P. Hasselman, Decker Building, Orange.

Evanston, Ill. — *Judson Ave.*, two-st'y fr. dwell., 32′ x 44′, shingle roof, hot water; $6,000; o., F. R. Bissell; a., Chas. R. Ayars, 95 Dearborn St.

Maple Ave. and Dempster St., two-st'y fr. dwell., 33′ x 47′, shingle roof, hot water; $6,000; o., A. W. Cooper; a., Chas. R. Ayars, 95 Dearborn St.

Everett, Mass. — *Hancock St.*, three-st'y bk. dwell.; $10,000; o., Mary J. T. Green; b., Green & Harrington.

Frankfort, Ind. — Two-st'y & base. fr. dwell., 45′ x 62′, slate roof, hot water; $5,000; o., Jos. Heavilon; a., Maurice Allen Hockman.

Lansing, Mich. — *Capitol Ave.*, two-st'y bk. & st. dwell., 50′ x 60′, shingle roof, hot water; $5,000; o., Rob't S. Holmes; a., E. A. Bowd.

Milwaukee, Wis. — *Highland Boulevard*, two-st'y bk. dwell., 42′ x 53′, shingle roof, hot water; $12,000; o., Fred Usinger; a., Buemming & Dick.

Marshall St., cor. Oneida St., three-st'y bk. & st. dwell., 29′ x 46′, slate roof, furnace; $8,000; o, W. H. Wolf; a., Crane & Burkhause.

Philadelphia, Pa. — *Overbrook Ave.*, nr. 63d St., three-st'y st. dwell., 28′ 6″ x 51′; $6,500; o., Herman Wendell; b., Milton W. Young.

Somerville, Mass. — *Broadway*, nr. Union St., No. 17, three-st'y dwell., 20′ x 62′, flat roof, furnace; $5,500; o., Cath. Smith; b., Fuchs & Wangler, 17 Mansur St., Roxbury.

Stevens Point, Wis. — Two-st'y fr. dwell., 38′ x 48′, shingle roof, combination heat; $5,000; o., E. J. Pfeiffer; a., A. D. Conover, Madison.

St. Louis, Mo. — *Page Ave.*, cor. Academy Ave., two-st'y bk. dwell., 30′ x 48′, slate roof, furnace; $6,000; o., Julius Wueger; a., A. M. Beinke, Wainwright Building.

Westminster Pl., bet. Lake & Union Aves., three-st'y bk. dwell., 37′ x 46′, furnace; $25,000; a., F. C Bonsack, Columbia Building.

Washington St., nr. King's Highway, two-st'y bk. dwell., 37′ x 52′, comp. & slate roof, furnace; $5,000; o., Jas. R. Collins; a., J. L. Howard, Turner Building.

Toledo, O. — *Glenwood Ave.*, cor. Delaware Ave., two-st'y fr. dwell., 39′ x 45′, shingle roof, hot water; $10,000; o., J. N. Dewey; a., John H. Downey, Nat'l Union Building.

Winnetka, Ill. — Two-st'y fr. dwell., 32′ x 50′, shingle roof, hot water; $5,000; o., S. H. Greeley, 514, 145 Van Buren St., Chicago; a., Edgar S. Belden, 164 La Salle St., Chicago.

MERCANTILE BUILDINGS.

New York, N. Y. — *Fifty-eighth St., Nos.* 422-424, three-st'y bk. telephone exchange, 29′ 11″ x 84′ 7″; $30,000; o., New York Telephone Co., 15 Dey St.; a., C. L. W. Eidlitz, 1123 Broadway.

Portsmouth, O. — Four-st'y bk. dry-goods store, 72′ x 98′, tin roof, steam; $20,000; o., J. N. W. Crawford, 209 W. 85th St., New York City.

OFFICE-BUILDINGS.

Boston, Mass. — *Summer St., No.* 185. Ward 7, five-st'y bk. office-building, 52′ x 74′ x 102′, flat roof, steam; $75,000; o., Atherton T. Brown; b., Woodbury & Leighton, 166 Devonshire St.

Province and Bosworth Sts., Ward 7, eleven-st'y bk. office-building, 31′ x 59′, flat roof, steam; $75,000; o., Lewis F. Perry, 8 Bosworth St.; a., Cabot, Everett & Mead; not let.

PUBLIC BUILDINGS.

Garner, Ia. — Two-st'y & base. bk. & st. Court-house, 68′ x 80′, slate roof, steam; $30,000; o., Hancock County; a., F. W. Kinney, Austin, Minn.

STABLES.

Allenhurst, N. J. — Two-st'y fr. stable; $1,200; a., Brouse & Arend, Asbury Park.

Belmar, N. J. — Two-st'y fr. stable; $1,200; o., Jos. Pice, Trenton; a., Brouse & Arend, Asbury Park.

One-and-one-half-st'y fr. stable, to contain 5 stalls; $1,200; o., J. C. Bloom; a., Brouse & Arend, Asbury Park.

Boston, Mass. — *Beech St.*, nr. Linden St., Ward 23, 1½-st'y fr. stable, 20′ x 32′, pitch roof, stoves; $500; A. Vollenweider; b., Theo. Dolle, 9 Granville St.

Brooklyn, N. Y. — *Ocean Ave.*, cor. Voorhies Lane, 1½-st'y fr. stable, 22′ x 35′, shingle roof; $2,000; o., Coney Island Jockey Club, Sheepshead Bay; a., A. H. McGeehan, 2581 Atlantic Ave.

Bay Thirteenth St., nr. Benson Ave., 1½-st'y fr. stable, 30′ x 30′, shingle roof; $1,200; o., Thos. H. Stewart, on premises; b., E. Johnson, 14th Ave. & 46th St.

Port Richmond, S. I., N. Y. — Two st'y fr. stable, 40′ x 80′; $3,000; o., National Lead Co.; a., James Whitford.

New Rochelle, N. Y. — Two-st'y fr. stable, 32′ x 40′; o., Henry D. Steers, 5 Bowling Green, New York City; a., Snelling & Potter.

Newton, Mass. — *Grove St., No.* 248, Ward 4, one-st'y stable, 30′ x 40′, stoves; $1,500; o. & b., J. H. Hutchings.

Woodbridge, N. J. — Two-st'y bk. stable; $10,000; o., Gottfried Krueger, 600 High St., Newark; a., Gustav Staehlin, Metropolitan Building, Newark.

STORES.

Milwaukee, Wis. — *Grove St.*, cor. National Ave., four-st'y bk. & st. store & office building, 50′ x 75′, comp. roof, steam; $20,000; o., Chas. J. Stumpf and H. Langhoff; a., O. C. Uehling.

New York, N. Y. — *Fifth Ave., Nos.* 564-568, six-st'y bk. stores & offices, 52′ 8″ x 71′ & 97′; $103,000; o., H. A. Hutchins, 26 Broadway; a., C. P. H. Gilbert, Townsend Building.

TENEMENT-HOUSES.

Chicago, Ill. — *Cleaver Ave., No.* 156, 3½ st'y bk. & st. flat; $12,000; o., Joseph Koslowski; a., J. A. Wilkowski, 1177 N. Leavitt St.

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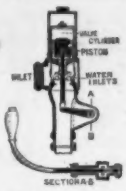

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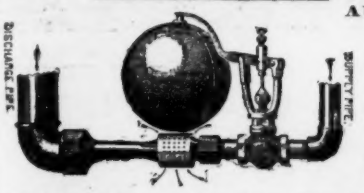

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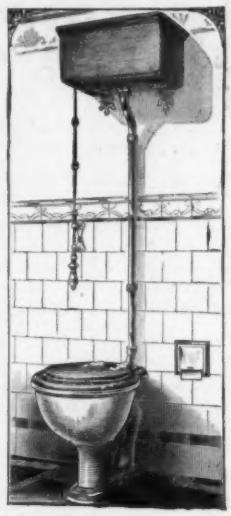

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BUILDING INTELLIGENCE.

(*Tenement Houses Continued.*)

New York, N. Y.—*Cherry St., Nos.* 93-97, six-st'y bk., st. & terra-cotta tenement, 50′ x 60′; $25,000; o., Feldman & Sherupsky, 173d St. & 3d Ave.; a., M. J. Smallheiser, Germania Bank Building.

Lewis St., nr. Rivington St., six-st'y bk., st. & terra-cotta tenement with stores, 45′ x 87′; $45,000; o. & b., L. & S. Michaelson, 130 Avenue D; a., Horenburger & Straub, 122 Bowery.

E. Fourth St., Nos. 340-342, six-st'y bk., st. & terra-cotta tenement with stores, 27′ 6″ x 85′; $38,000; o., Adolph Mandel, 157 Rivington St.; a., Samuel Sass, 22 Park Row.

Rutgers St., No. 26, six-st'y bk. tenement, 25′ x 74′ 3″; $25,000; o., Urry Goodman, 111 Norfolk St.; a., Schneider & Herter, 46 Bible House.

Suffolk St., s e cor. Broome St., six-st'y bk., st. & terra-cotta tenement with stores, 37′ 6″ x 50′ 2″; $30,000; o. & b., Harry Fischel, 215 E. Broadway; a., Samuel Sass, 22 Park Row.

E. Seventh St., No. 251, six-st'y bk. tenement & store, 24′ 9″ x 84′ 3″; $18,000; o., Rachel Hoffman, 71 Avenue C, and Sam J. Ruth, 123 Henry St.; a., Horenburger & Straub, 122 Bowery.

Dover St., nr. Pearl St., five-st'y bk. tenement with stores, 42′ 3″ x 77′ 3″; $30,000; o., Richard K. Fox, on premises; a., G. A. Schellenger, 128 Broadway.

BUILDING INTELLIGENCE.

(*Tenement-Houses Continued.*)

Sixth St., No. 235, six-st'y bk. tenement, 23′ 6″ x 77′ 3″; $25,000; o., Leopold Kaufman, 35-37 Nassau St.; a., Schneider & Herter, 46 Bible House.

Monroe St., No. 280, six-st'y bk. tenement, 25′ x 81′ 3″; $25,000; o., Leopold Kaufman, 35-37 Nassau St.; a., Schneider & Herter, 46 Bible House.

Roosevelt St., No. 50, six-st'y bk. tenement, 25′ 1″ x 87′ 3″; $18,000; o., Francis J. O'Connor, 50 Roosevelt St.; a., Louis F. Heinecke, 62 Bowery.

Broome St., nr. Attorney St., six-st'y bk. & st. tenement with stores, 37½′ x 85′; $28,000; o., N. Lieber, Germania Bank Building; a., M. J. Smallheiser, 190 Bowery.

(*Continued in Supplement.*)

COMPETITIONS.

COURT-HOUSE. [At Nashua, N. H.]
Plans for a Court-house for Hillsborough County are wanted **until April 19.** J. F. CLOUGH, Co. Commr., Manchester, N. H. 1215

JAIL AND SHERIFF'S RESIDENCE. [At Oshkosh, Wis.]
The Building Committee of the County Board will receive plans with the county clerk **until 12 M. April 10,** with or without bids for constructing same, for a county jail and sheriff's residence, the cost not to exceed $23,000 complete. The committee desires a residence of 8 to 10 rooms, and a jail of about 26 cells.

JAIL. [At Camden, Ark.]
Plans, specifications and bids will be received by the County Commissioners **until April 20** for the erection of a new Jail by Ouachita County, to cost about $12,000. W. F. AVERS and C. R. BENSON, Commissioners. 1214

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

CHURCH. [At Carlington, O.]
Bids are wanted **April 10** for a church. W. H. MALLORY, Secy. 1214

BUILDINGS. [At Harrisburg, Pa.]
Bids are wanted **April 15** for a group of buildings for the Pennsylvania State Lunatic Hospital. H. L. ORTH, Pres. 1215

STEAM-HEATING PLANT. [At Grand Junction, Col.]
Bids are wanted **April 13** for a steam-heating plant at the Indian Industrial School. W. A. JONES, Commr. Indian Affairs, Dept. of the Interior, Wash., D. C. 1215

ELECTRIC LIGHTS. [At Dayton, O.]
Sealed proposals will be received by J. L. BAKER, President Board of City Affairs, **until April 10,** for furnishing and lighting 300 electric arc-lights of 2,000 actual candle-power, for five years, according to plans and specifications on file in the office of the city engineer. 1214

PORTLAND CEMENT, ETC. [At Marquette, Mich.]
Bids are wanted **April 17** for furnishing natural and Portland cement, broken stone, sand, etc., for concrete superstructure and breakwater. MAJOR CLINTON B. SEARS, Corps of Engrs., U. S. A., Duluth, Minn. 1215

Treasury Department, Office Supervising Architect, Washington, D. C., March 16, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 13th day of April, 1899, and then opened, for the low-pressure and exhaust steam-heating mechanical ventilating apparatus, etc., for the United States Post-office, Court-house and Custom-house building at St. Paul, Minnesota, in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at St. Paul, Minn. JAMES KNOX TAYLOR, Supervising Architect. 1214

JAIL AND SHERIFF'S RESIDENCE. [At Peru, Ind.]
Sealed proposals will be received by the Board of Commissioners of Miami County **until April 22** for the erection of the new Jail and sheriff's residence. JESSE W. MILLER, president. 1214

COURT-HOUSE. [At Yates Center, Kan.]
Sealed bids will be received **until April 10,** by W. O. EADES, County Clerk, for the erection of the Woodson County Court-house. 1214

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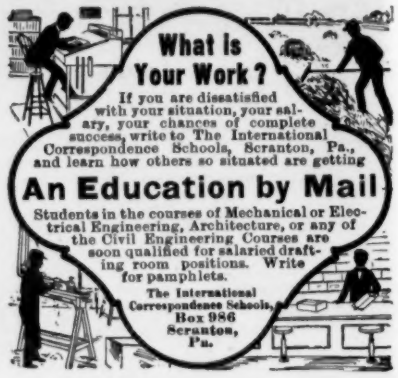

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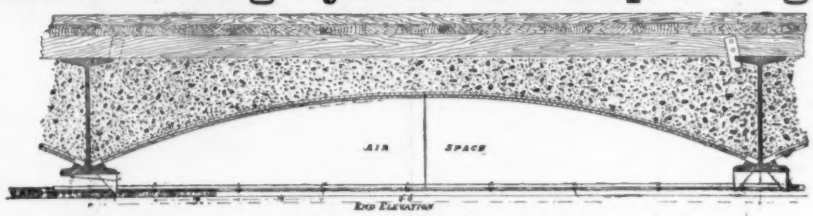

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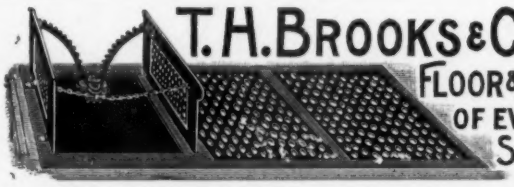
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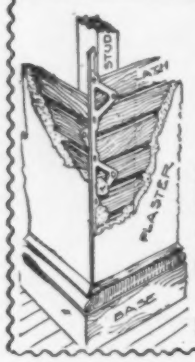

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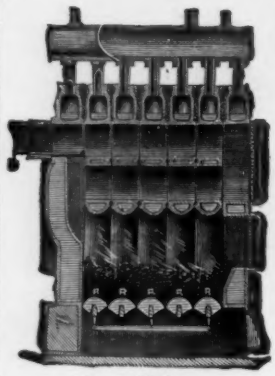
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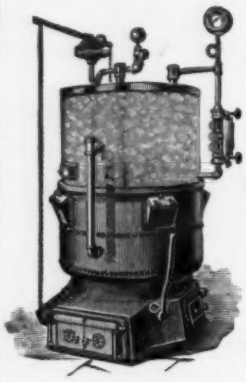

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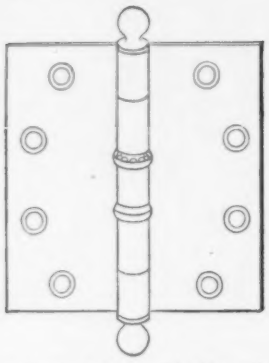

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STONE. (℔ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @ foot	@ 5 00
Block	@	4 60 ℔ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℔ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (℔ *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 (℔ *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. ℔ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ℔ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ca13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 25	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℔ 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 ℔ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30″ $35 @ 40
Cedar split ℔ M		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed " "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split .....7 x 24 " "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

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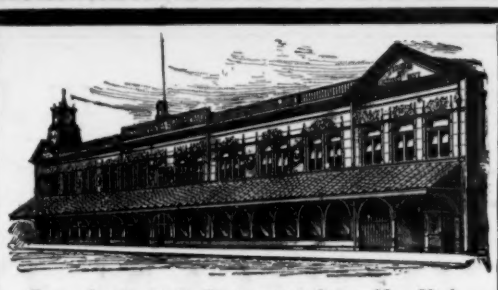

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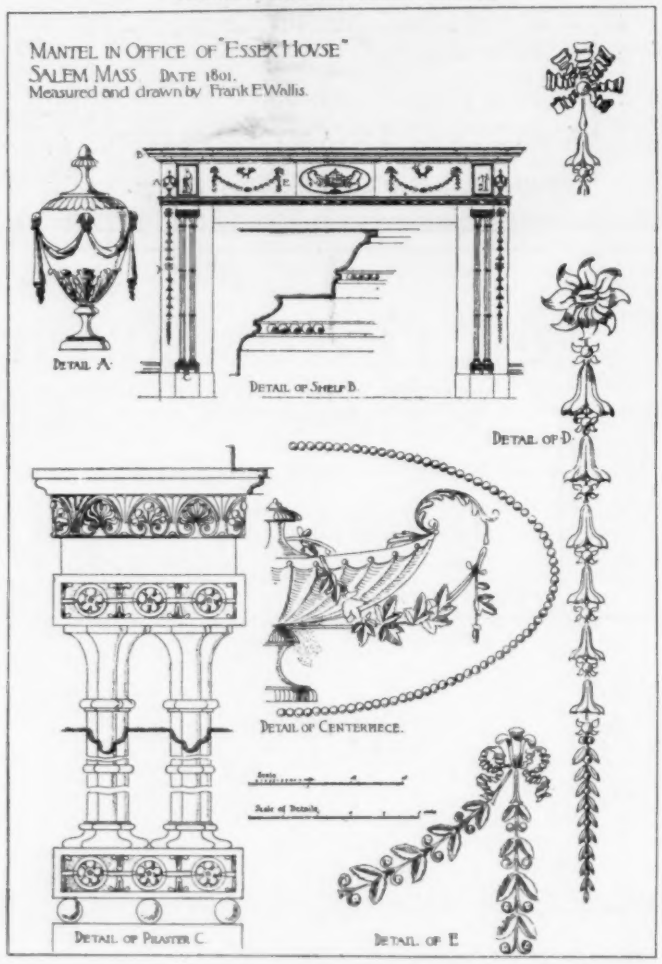

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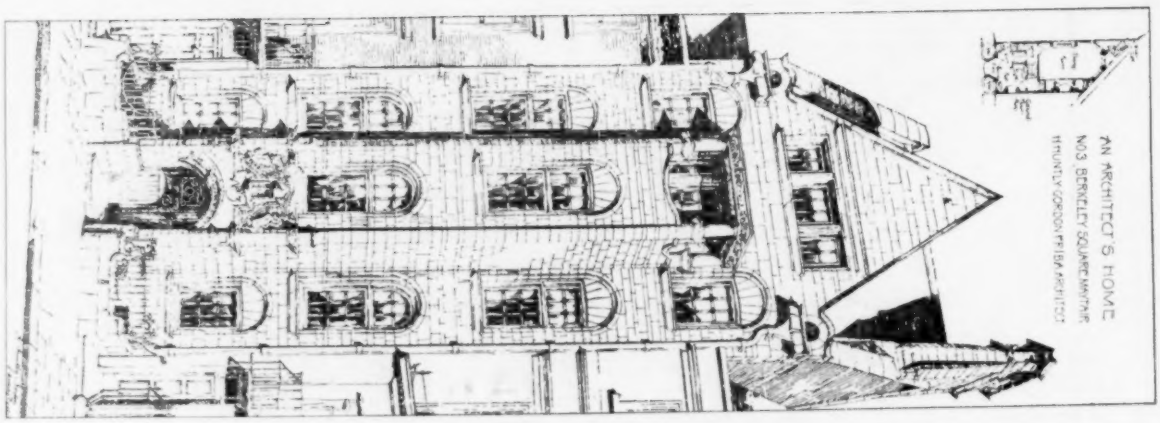

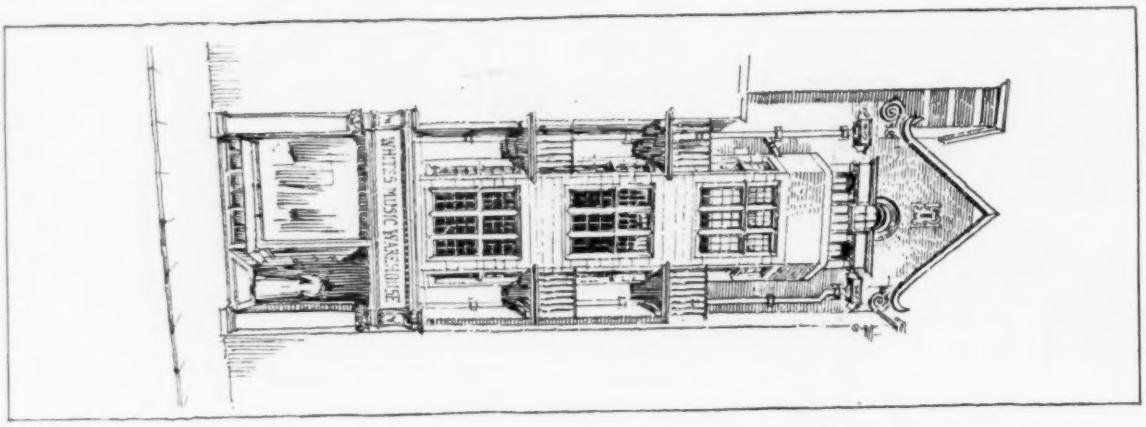

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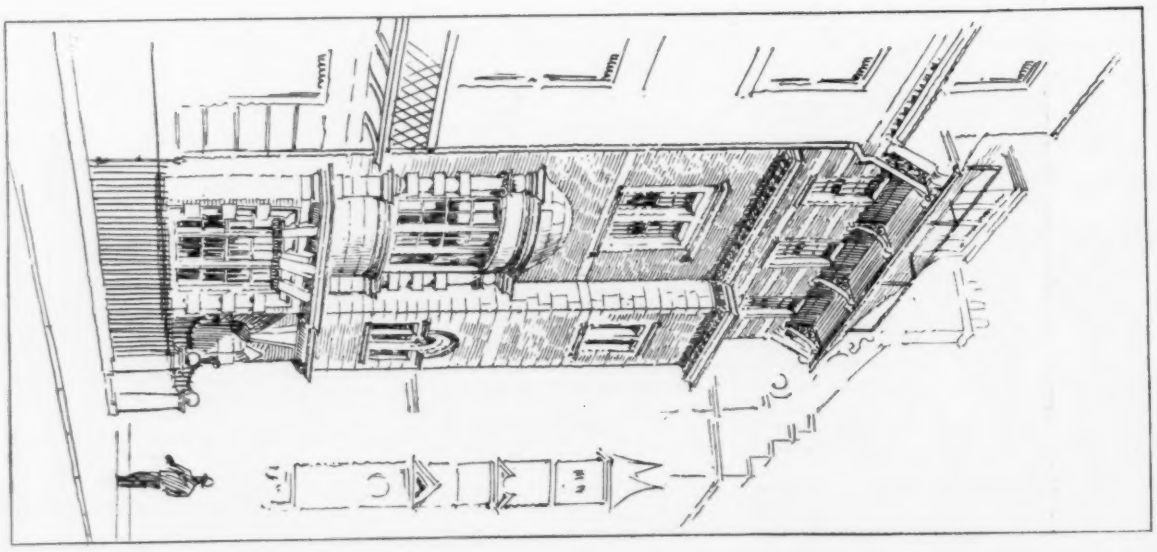

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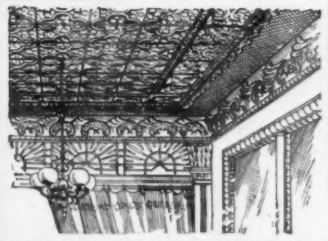

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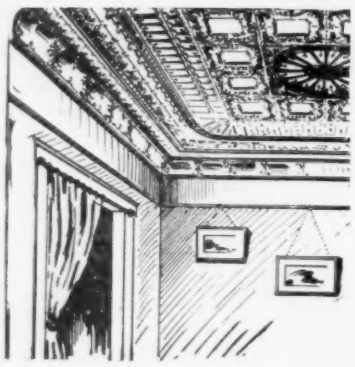

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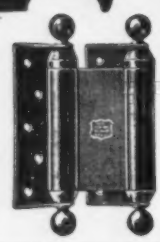

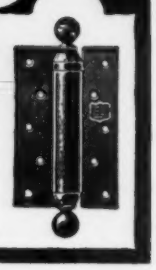

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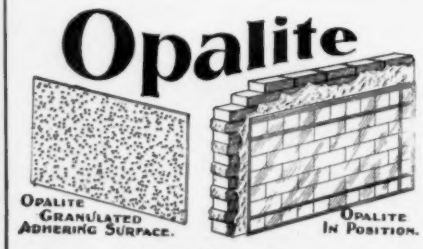

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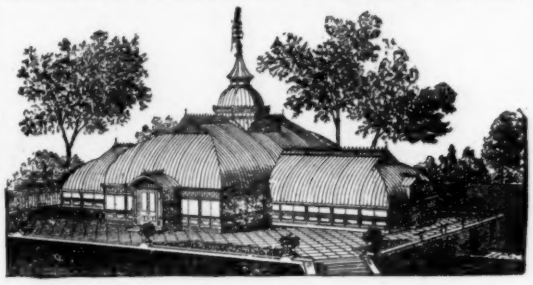

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BUILDING PATENTS.

[*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.*]

621,547. MACHINE FOR CUTTING STONE. — Michel Thonar, Namur, Belgium.
621,549. VALVE FOR WATER-CLOSETS. — Robert S. Watson, Bay City, Mich.
621,551. VENTILATING APPARATUS FOR HOUSES. — Joseph Wörz, Ulm, Ger.
621,557. SECTIONAL STEAM-GENERATOR. — Oscar T. Earle and Charles W. Newton, Baltimore, Md.
621,569. SASH-FASTENER. — John W. Howland, Lincoln, Neb.
621,578. SASH-FASTENER. — George C. Locklin and Bonham M. Fox, Chicago, Ill.
621,588. BLIND-FASTENING DEVICE. — Harvey Spencer, Jr., New York, N. Y.
621,597. SAFETY DEVICE FOR ELEVATORS. — Frank M. Bell, New York, N. Y.
621,600. SASH-FASTENER. — Lewis F. Caldwell, Philadelphia, Pa.
621,604. ELECTRIC HEATER. — Edward E. Gold, New York, N. Y.
621,620. SAFETY-WINDOW IN SHAPE OF LADDER. — Franz Scherrer, Essen, Ger.
621,665. FURNACE. — Alexander Heil, Reading, Pa.
621,669. PNEUMATIC CHECK FOR ELEVATOR-GATES. — Franklin P. Hinds, Boston, Mass.
621,670. ELEVATOR-GUARD. — Franklin P. Hinds, Boston, Mass.
621,672. BRIDGE CONSTRUCTION. — Charles M. Horton, Superior, Wis.
621,680. FIREPROOF-BUILDING CONSTRUCTION. — James John, Chicago, Ill.
621,710. SLIDING-DOOR HANGER. — Marcius C. Richards, Aurora, Ill.

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BUILDING PATENTS.

621,718. Water-Cooling Tower.—James M. Seymour, Jr., Newark, N. J.

621,782. Burglar-Alarm. — Joseph Balsley, Indianapolis, Ind.

621,790. Attachment for Raising or Lowering Seats of Closets. — Franz Burger and Henry M. Williams, Fort Wayne, Ind.

621,793. Alarm-Lock. — Henry E. Carlton, Sorento, Ill.

621,806. Hot-Air Furnace. — Peter F. Filliez, Canton, O.

621,830. Combined Door Stop and Catch. — Joseph R. Lavigueur, Montreal, Can.

621,851. Decorative Plate, Tile, etc. — Stanislas Rosenberg, Paris, France.

621,874. Stop for Latches. — Henry G. Voight, New Britain, Conn.

Boston Society of Architects.

ROTCH TRAVELLING-SCHOLARSHIP.

Sixteenth Annual Competition.

The examination for the Rotch Travelling-Scholarship will be held at the Boston Architectural Club, 5 Tremont Place, Boston, on Monday and Tuesday, April 10th and 11th, at nine o'clock A. M.

Candidates must be under thirty years of age, must have worked during two years in the employ of an architect resident in Massachusetts, and will be required to pass preliminary examinations upon the following subjects:

I. Construction, Theory and Practice. (Written examination.)

II. An Elementary Knowledge of the French Language. (Written examination.)

III. History of Architecture. (Written examination.)

IV. Freehand Drawing from the Cast.

Candidates who pass in these preliminary examinations will be asked to present themselves on the third Saturday following, for the competition in Design.

Candidates who passed in the preliminary examinations last year are eligible for admission to the competition in Design without re-examination.

The successful candidate in each yearly examination receives from the Trustees of the Scholarship annually, for two years, $1,000, to be expended in foreign travel and study; provided always that the beneficiary shows such fitness and diligence as may be required of him.

The Boston Society of Architects has offered the sum of $75 as a second prize.

Candidates are required to register their names with the Secretary of the Committee three days before the opening of the examinations.

Any further information concerning the Scholarship can be obtained upon application to

C. H. BLACKALL, *Secretary*,
1215 Music Hall Building, Boston, 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.

Annapolis, Md. — P. J. Carlin & Co., of Brooklyn, N. Y., have received a $920,000 contract for the construction of a sea-wall, power-house, armory and boat-house at the Annapolis Naval Academy. Ernest Flagg, 15 Broadway, New York City, architect.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Atlanta, Ga. — The Public Building Committee of the County Board at a meeting March 27 decided to recommend to the Board that the architects of Atlanta and suburbs be asked to submit plans and specifications for an annex to the Court-house; estimated cost, $100,000.

Boston, Mass. — The Massachusetts Horticultural Society contemplate selling their present building and erecting a new one on the Back Bay district.

The Dorchester Centre Syndicate, lately organized, has purchased a tract of land on Tonawanda St., and will improve the same by erecting a number of houses costing $5,000 each and upwards. The title to the property will be held by three trustees, Cornelius Flynn, Frank W. Parker and Howard E. Cooke.

Cabot, Everett & Mead, 60 Devonshire St., have prepared plans for an eleven-story building, to be erected for Lewis F. Perry on Province St., near Bosworth St.; estimated cost, $75,000.

McKim, Mead & White, 160 Fifth Ave., New York City, are preparing plans for a $50,000 dwelling for E. C. Swift, to be erected on Beacon and Hereford Sts.

Brookline, Mass. — George Todd, of Boston, has purchased the Warren Estate on Harvard Ave., and will erect 10 apartment-houses thereon.

Brooklyn, N. Y. — Thomas J. Flynn, a representative of the Maurice Grau Opera Company, is promoting a plan to build a music hall in Brooklyn similar to Carnegie Hall. The stage is to be large enough to admit of grand opera performances. It is declared that six business men have already subscribed $300,000 for the enterprise.

Bucksport, Me. — Westray Ladd, Philadelphia, Pa., has prepared plans for a one-story brick school-house, 56′ x 72′.

Buffalo, N. Y. — Green & Wicks are preparing plans for a six-story steel frame brick block to be erected by the Stevenson Estate on Main St.; cost, $100,000.

Esenwein & Johnson are preparing plans for a new four-story brick factory, 140′ long and 60′ deep, to be built for the Manhattan Spirit Co. at the rear of its present buildings at 4th and Pennsylvania Sts. The structure will be a fireproof building of steel frame work. The estimated cost of the new building is $100,000.

Cambridge, Mass. — The Harvard Grammar School, recently destroyed by fire, is to be rebuilt, at a probable cost of $30,000.

Chicago, Ill. — Report states that Wm. J. Van Keuren, 84 La Salle St., has prepared plans for a $75,000 hotel for the People's Institute Hotel Co.

Clarion, Pa. — It is reported that the County Commissioners have accepted plans for a $40,000 county home.

Cleveland, O. — F. W. Striebinger, architect, is preparing plans for the club-house to be built by the Gesangverein on Wilson Ave., at a cost of about $30,000.

Corsicana, Tex. — The Associate Reformed Presbyterian Church contemplates the erection of a new edifice on 4th Ave. and 15th St., Rev. W. W. Orr, pastor.

Crawfordsville, Ind. — John G. Thurtle, of Indianapolis, has prepared plans for a $50,000 hotel for C. M. Crawford.

Council Bluffs, Ia. — $65,000 has been voted for school purposes.

East Chicago, Ind. — F. S. Allen, of Joliet, has prepared plans for a new school-building to be erected here to cost about $16,000. It will be built of stone.

Easton, Pa. — The Board of Control has passed a resolution to construct a school to cost about $20,000. J. W. H. Knerr, Secy.

Elwood, Ind. — The M. E. Society is stated to have decided to erect a $25,000 church, Rev. L. M. Krider, pastor.

Fitchburg, Mass. — Crocker, Burbank & Co. will build a $15,000 addition to their brick paper-mill on Westminster St.

Fort Leavenworth, Kan. — Plans are being prepared for a $100,000 hospital; also for artillery barracks, to cost $50,000.

Garwood, N. J. — One of the largest establishments for the manufacture of organs in the country will be erected here at an early date. The directors of the Organ Trust have decided to have a large part of their work done in Garwood, and the work of building will be begun immediately. The company has a capital of nearly $2,000,000, and the manufactory will employ about 1,000 persons. Houses for the employés will be built at the same time as the factory.

Grafton, Mass. — The Town of Grafton will erect a new school-house this year; Earle & Fisher, Worcester, architects.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Homestead, Pa. — F. J. Osterling, Telephone Building, Pittsburgh, is preparing plans for a two-story brick school building, to cost $28,000, to be erected at the corner of West St. and 11th Ave.

Jersey City, N. J. — A new building will probably be erected on the site of Taylor's Hotel. Articles of incorporation of the Taylor Building Co. have been filed with R. H. Reed, the lessee of the hotel, as one of the incorporators. The capital stock is fixed at $600,000.

Kalamazoo, Mich. — The contract for construction of the Kalamazoo Beet Sugar Plant has been awarded at $375,000, to Fred W. Wolf & Co., 130 Rees St., Chicago, Ill.

Kokomo, Ind. — It is reported that A. A. Small and others have been appointed as a committee to secure plans for a $35,000 M. E. Church.

Lagrande, Ore. — The citizens have voted to issue $20,000 bonds to erect a school.

Little Rock, Ark. — The Senate passed a bill March 20 for a new capitol, the cost not to exceed $1,000,000.

Los Angeles, Cal. — Plans prepared by Austin & Skilling have been adopted by the Trustees of the M. E. Church for a $40,000 church to be erected on 6th and Hill Sts.

Lowville, N. Y. — The citizens have decided to erect a $20,000 Town-hall.

Murray, Utah. — The citizens have voted to erect a $15,000 school.

New Orleans, La. — The Texas & Pacific Ry. Co. is considering the matter of erecting a $200,000 depot. B. S. Wathen, Chf. Engr., Dallas, Tex.

Newport News, Va. — The Newport News Abattoir Co. is about to build an abattoir in the vicinity of Point Breeze; cost, $1,500,000. T. B. Henley is interested.

Oakdale, Mass. — A new grammar school building is under consideration and the subject of location has been referred to the following committee: J. V. Abbott, Charles T. Hurley, J. T. Clark, C. H. J. Kimball, Robert Hamilton, James F. Johnson and Charles A. Phinney.

Oak Park, Ill. — Geo. W. Maher, 218 La Salle St., Chicago, is preparing plans for a $15,000 residence, 40′ x 60′, to be erected at Home Ave. and Pleasant St., for Rollin A. Furbeck.

Omaha, Neb. — Metz Bros. Brewing Co. contemplate erecting a new building on their grounds; estimated cost, $225,000.

The Board of Education will expend $250,000 this year in the erection of three ward school-buildings and one high-school building.

Philadelphia, Pa. — Contractors Armstrong & Printzenhoff have taken out a permit to build the pleasure pavilion on the Chestnut Street pier, at an estimated cost of $85,550. It is being constructed of copper and iron, one-story high, 71′ wide and 504′ long. An iron shed, 64′ x 140′, will be erected on the upper deck. It will be reached by an iron bridge across Delaware Ave.

George W. Thomas has donated a tract of ground and a considerable sum of money for the erection of the Church Club-house at Somerset and Howard Sts. The building will be fitted with all the necessary appointments of a first-class club-house and will cost $30,000.

The Athletic Association of the University of Pennsylvania will erect an office on Franklin Field, one-story, brick and stone, 16′ x 32′ x 32′.

Plans are being prepared by Henry D. Dagit for a large stone church and parish buildings for the congregation of St. Edward the Confessor.

Pittsburgh, Pa. — It is stated that a $40,000 addition will be erected to the Bellefield Presbyterian Church, Dr. Henry T. McClelland, pastor.

Plans are being prepared by H. D. Gilchrist for the new $40,000 club-house to be erected at Schenley Park by the Pittsburgh Golf Club.

Plans have been completed and bids will shortly be asked for the construction of a union depot. Other improvements will be made, which together with the depot will bring the cost up to $1,645,000. W. H. Brown, of Philadelphia, chief engineer, Pennsylvania Railroad Co.

Peru, Ind. — A $50,000 buscuit factory is to be built for Hugh McCaffrey.

Rockford, Ill. — The plans prepared by D. S. Schureman have been accepted for the new school-building to be erected in the third Ward of this city.

Roselle, N. J. — The citizens have voted to erect a $30,000 school.

Sea Bright, N. J. — Ludlow & Valentine, New York City, are preparing plans for alterations to residence of Rob't L. Maitland.

Sioux Falls, Minn. — A new warehouse costing $30,000 is to be built by Jewett Bros.

Southbridge, Mass. — Architects Earle & Fisher, of Worcester, are preparing plans for a three-story brick factory building to be erected here for the American Optical Co.

Vincennes, Ind. — The Christian Society is stated to have decided to erect an $85,000 church.

Warrensburg, N. Y. — The citizens have voted to erect a $20,000 school.

Washington, D. C. — It is reported that the Southern Ry. Co. will erect a seven-story fireproof building, Frank S. Gannon, Gen. Mgr.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

The plans of Henry Ives Cobb, of Chicago, Ill., have been accepted for the new Manual Training School, to cost about $100,000.

Wilkinsburg, Pa.—The First Presbyterian Society will build a new church at Wallace Ave. and Wood St., Rev. Thos. Parry, pastor.

Worcester, Mass.—The Allen Wall Paper Co. will erect a large factory here to be three stories high, 60′ wide and 400′ long; Edwin T. Chapin and Chas. D. Parker, architects.

Architect L. W. Briggs is preparing plans for a private residence to be erected on Sagamore Road for H. O. Hudson.

ALTERATIONS AND ADDITIONS.

Germantown, Pa.—*Coulter and Morris Sts.*, three-st'y bk. addition, 40′ 6″ x 51′ 6″, to school; $9,500; o., Board of Education; c., Wilkins & Kuemmerle

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Clinton Ave.*, cor. Greene Ave., four-st'y bk. flat, 44′ x 115′, hot-water heating; $60,000; o., James Burke, 336 Gates Ave.; a., J. L. Young, 1221 Fulton St.

BUILDING INTELLIGENCE.

(*Apartment-Houses Continued.*)

Chicago, Ill.—*Park Ave., Nos.* 3129-35, three-st'y & base. bk. apart., 82′ x 118′, gravel roof, steam; $35,000; o., Thomas Brown; a., Henry L. Newhouse.

Sixty-first St. and Eggleston Ave., three-st'y bk. & st. apart., 50′ x 90′, comp. roof, steam; $30,000; o., H. M. Wilcox, 3870 Lake Ave.; a., Thos. McCall, Lake Ave. & 53d St.

Cleveland, O.—*Giddings St.*, cor. E. Prospect St., four-st'y bk. & st. apart., 50′ x 200′, gravel roof, steam; $40,000; o., Young & Fult n Lumber Co.; a., E. E. Smith.

Four-st'y bk. apart., 87′ x 95′, steam; $30,000; o., J. J. O'Donnell; a., Fugman & Ball, 89 Euclid Ave.

Wade Park, cor. Dunham Ave., three-st'y bk. & st. apart., 127′ x 150′, gravel ro f, steam; $50,000; o., Arthur M. Hober; a., F. C. Bate, 401-402 New England Building.

BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

Clinton and Kentucky Sts., four-st'y bk. & st. apart., 50′ x 100′, gravel & tile roof, steam; $40,000; a., Steffens, Searles & Hirsh.

Kentucky and Clinton Sts., four-st'y bk. & st. apart., 62′ x 100′, gravel roof, steam; $70,000; o., J. C. Williams; a., Steffens, Searles & Hirsh.

New York, N. Y.—*One Hundred and Seventeenth St.*, nr. 8th Ave., 2 five-st'y bk. & st. flats with stores, 50′ x 100′; $46,000; o., M. Diskin, 129 W. 129th St.

One Hundred and Twelfth St., nr. 8th Ave., five-st'y bk., st. & terra-cotta flat, 31′ 3″ x 87′; $80,000; o., S. Nicholsberg, care of architect; a., S. M. Holden, 81 E. 125th St.

Eighth Ave., bet. 151st & 152d Sts., 10 five-st'y st., pressed-bk. & terra-cotta flats with stores, on avenue, & one five-st'y flat on each street; total cost, $218,500; o., Daniel Pierce, 8 W. 113th St.; a., John C. Burne, 101 W. 42d St.

One Hundred and Seventh St., cor. 1st Ave., seven-st'y bk. & st. flat & store, 25′ x 100′; $40,000; o.,

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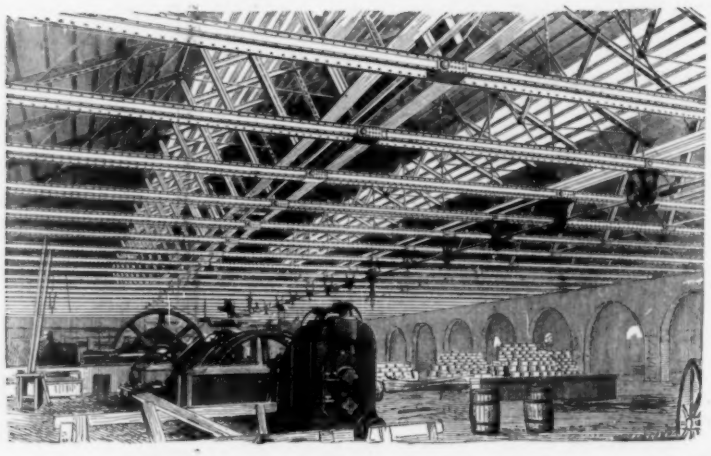

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E. One Hundred and Twenty-third St., Nos. 109-111, 2 five-st'y bk. & st. flats; $45,000; o., Arthur Clark, 173 E. 102d St.; a., Geo. F. Pelham, 503 Fifth Ave.

Twenty-first St., bet. 7th & 8th Aves., 2 five-st'y bk. & st. aparts., 62½' x 80'; $85,000; o., John M. Dodd Estate, 29 Broadway; a., Thom & Wilson, 111 Fifth Ave.

Third Ave., nr. 171st St., five-st'y bk. & st. flat & store, 25' x 87' 6"; $22,000; o., David Cohen, 270 Eastern Parkway, Brooklyn; a., Rudolph Werner, 7 Teasdale Pl.

Ninety-first St., nr. 1st Ave., 4 five-st'y bk. flats, 25' x 87' 5"; $100,000; o., Gundlach & Koch, 204 E. 86th St.; a., Henry Anderson, 1180 Broadway.

W. Forty-fifth St., Nos. 132-134, eight-st'y bk. bachelor apart., 35' 1" x 90'; $125,000; o., Mohawk Realty Co., 136 Liberty St.; a., Neville & Bagge, 217 W. 125th St.

Lenox Ave., cor. 129th St., seven-st'y bk. apart., 99' 11" x 105'; $185,000; o., Isaac L. Smith, 40 W. 128th St.; a., Richard R. Davis, 247 W. 125th St.

One Hundred and Thirty-first St., nr. Lenox Ave., five-st'y bk. flat, 31' x 85'; $35,000; o., C. H. Brown, 2030 Madison Ave; a., L. F. J. Weiher, Jr., Mt. Morris Bank Building.

Amsterdam Ave., cor. 86th St., six-st'y bk. flat, 90' 8½" x 100' & 95' 8½"; $200,000; o., E. Wm. Wagner, 11 Broadway; a., Fiemer & Koehler, 1 Broadway.

Broadway, cor. 95th St., seven-st'y bk. store & flat, 75' 6½" x 95'; $200,000; o., T. Reinhardt, 713 Boulevard; a., Henry Anderson, 1180 Broadway.

Westchester Ave., cor. 156th St., 4 four-st'y bk. flats, irregular; $65,000; o., Lane D. Robertson, 152 Sumner Ave., Brooklyn; a., W. C. Dickerson, 149th St. & 3d Ave.

One Hundred and Twelfth St., nr. 5th Ave., 5 six-st'y bk. flats, 30' x 87'; $162,500; o., Seglin Bros., 83 Avenue B; a., Schneider & Herter, 46 Bible House.

Boulevard, bet. 74th & 75th Sts., seven-st'y bk. & st. apart., 69' x 112'; $120,000; o., James A. Frame & Sons, 107 E. 70th St.; a., Neville & Bagge, 217 W. 125th St.

Ninety-fourth St., cor. Madison Ave., seven-st'y bk. & st. apart., 78' x 100'; $200,000; o., McCracken & Dagnall, 400 W. 152d St.; a., Neville & Bagge, 217 W. 125th St.

One Hundred and Ninth St., nr. 2d Ave., six-st'y bk. & st. flat, 32' x 90'; $30,000; o., F. C. Lamonte & Co., 321 E. 109th St.; a., C. A. Millner, 81 E. 125th St.

West Central Park, nr. 92d St., seven-st'y bk. & st. apart., 50' x 110'; $100,000; o., Samuel Quincy, 21 Eighth Ave., Mt. Vernon; a., George F. Pelham, 503 Fifth Ave.

One Hundred and Thirty-first St., nr. Lenox Ave., five-st'y brownst. apart., 31' x 85' x 100'; $35,000; o., Charles H. Bunn, Townsend Building; a., Lorenz J. Weiher, Jr., 81 E. 125th St.

CHURCHES.

Brooklyn, N. Y. — *Fort Hamilton Ave. and Thirty-ninth St.*, one-st'y bk. & marble church, 50' x 87', seating capacity 500; $30,000; Martense Methodist Episcopal Church, trustee; o., Mr. Milliken, of Realty Trust Co., 60 Liberty St., New York City; a., Charles Baxter, New York City.

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New York, N. Y. — *W. Seventeenth St., No.* 126, four-st'y bk. & st. parochial school, 79' x 92'; $100,000; o., College of St. Francis Xavier, 30 W. 16th St.

Twentieth St., nr. 2d Ave., bk. & st. training-school for nurses; $100,000; o., Margaret Fahenstock Training School for Nurses of the New York Post Graduate Hospital, 20th St. & 2d Ave.; a., James B. Baker, 156 Fifth Ave.

One Hundred and Fifty-second St., nr. Amsterdam Ave., four-st'y bk. & st. convent, 50' x 66'; $50,000; o., Sisters of Mercy; a., Neville & Bagge, 217 W. 125th St.

Philadelphia, Pa. — *G St.*, bet. Ontario & Thayer Sts., three-st'y granite school, 53½' x 163'; $70,000; o., Board of Education; c., Hiram A. Miller & Son.

FACTORIES.

New York, N. Y. — *E. Sixty-ninth St., Nos.* 537-551, seven-st'y bk. factory, 100' 5" x 138' 4"; $50,000; o., The Hammond Typewriter Co., 167 Broadway; a., L. C. Holden, 1 Union Sq.

FACTORIES.

Worcester, Mass. — *Bangs Ct.*, three-st'y bk. factory building, 60' x 70'; $15,000; o., Wire Goods Co.; c., Henry Mellen & Sons; a., Barker & Nourse.

Cambridge St., two-st'y bk. machine-shop, 40' x 140'; $10,000; o., Crompton Associates; c., W. E. Putnam.

HOUSES.

Boston, Mass. — *Webster St., Nos.* 102-104, Ward 2, 2 three-st'y fr. dwells., 19' x 21' x 60', flat roofs, stoves; $11,000; o. & b., Jos. Kanberg, 14 Kennard Ave.

W. Tremlett St., nr. Washington St., Ward 20, two-st'y fr. dwell., 25' x 49', pitch roof, stoves; $4,500; o. & b., Walter Curley, 1284 Blue Hill Ave.

Brookside Ave., Nos. 118-120, Ward 22, three-st'y fr. store & dwell., 27' x 49', pitch roof; o., John O'Donnell, 5 Silva St.

Copenger St., Nos. 1-20, Ward 19, 20 three-st'y bk. dwells., 20' x 40', flat roof, stoves; $100,000; o., Wm. E. Walsh, 28 River St., Cambridge; b., N. A. Enwright, 76 Hillside St.

Greenbriar St., No. 24, Ward 20, 2½-st'y fr. dwell., 28' x 57', pitch roof, furnace; $5,500; o. & b., Howard Bros., 412 Dorchester Ave.

Huntington Ave., Ward 19, 2 three-st'y bk. dwells., 14' x 22' x 70', flat roofs, steam; $15,000; o., Jos. Feldman, Tremont Building; a., Sam'l D. Kelly.

Irving Pl., Nos. 54-54A, 2 five-st'y bk. dwells., 21' x 34', flat roofs, stoves; $12,000; o. & b., Morris Greenstein, 26 Poplar St.

Washington St., nr. Bragden St., Ward 22, 2 three-st'y bk. dwells., 23' x 53', flat roofs, furnaces; $12,000; o. & b., T. H. Connolley, 6 Fountain St., Dorchester.

Dickens and Clayton Sts., Ward 24, 5 three-st'y bk. dwells., 23' x 45', flat roofs, stoves; $25,000; o. & b., Gipson & Knight, 204 Dudley St.

Parker Hill Ave., nr. Huntington Ave., Ward 19, 2 three-st'y bk. dwells., 20' x 40', flat roofs, stoves; $10,000; o., Wm. E. Walsh, 28 River St., Cambridge; b., N. A. Enwright, 76 Hillside St.

Harwood St., nr. Willowwood St., Ward 20, 2 two-st'y fr. dwells. & stores, 25' x 42', pitch roofs, furnaces; $9,000; o. & b., A. H. Grein, 16 Harwood St., Dorchester.

Buckley Ave., nr. Johnson St., Ward 22, three-st'y fr. dwell., 25' x 46', flat roof, stoves; $4,500; o., Catharine Merz; b., Gottlieb Merz, 306 Centre St.

Francis St., nr. Huntington Ave., Ward 19, 2½-st'y fr. dwell., 26' x 57', pitch roof, stoves; $5,000; o. & b., J. C. Spillane, Francis St.

Bellflower St., nr. Boston St., Ward 16, three-st'y fr. dwell., 25' x 52', flat roof, stoves; $4,500; o., Jos. F. Loughlin; b., Jas. F. Flaherty, 5 Mount Vernon St.

Delaware Pl., nr. Arlington St., Ward 25, 2 three-st'y fr. dwells., 31' x 39', flat roofs, stoves; $7,000; o., Real Estate Association; b., J. & W. Muldoon.

Greenbriar St., No. 42, Ward 20, 2½-st'y fr. dwell., 30' x 44', pitch roof, furnace; $5,000; o. & b., G. L. Davidson, 69 Harvard St.

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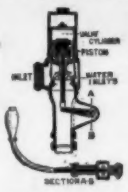

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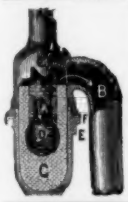

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Brooklyn, N. Y.—*Flatbush Ave.*, cor. Germania Pl., three-st'y bk. store & dwell., 24′ 6″ x 69′ 5″; $14,000; o., Geo. Allers, 1488 Flatbush Ave.; a., F. Holmberg, 1153 Myrtle Ave.; b., W. J. Moran, 141 S. Fifth St.

Parkway, cor. New York Ave., three-st'y bk. dwell., 20′ x 48′, gravel roof, hot air; $9,000; o., Fred'k S. Hine, 996 St. John's Pl.

Midwood St. and Bedford Ave., 10 two-st'y & base. bk. dwells., 20′ x 45′; total cost, $50,000; o., W. A. A. Brown, Flatbush Ave. & Midwood St.; a., G. M. Lawton, 95 Lenox Road; b., James McArthur, 1190 Bedford Ave.

New York Ave., nr. Degraw St., 6 three-st'y & base. bk. dwells., 19′ x 47′, hot air; $48,000; o., Fred'k S. Hine.

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New York, N. Y.—*One Hundred and Third St.*, nr. West End Ave., 6 five-st'y bk. dwells., various dimensions; total cost, $108,000; o., Rob't Wallace, 320 W. 70th St.; a., G. F. Pelham, 503 Fifth Ave.

Worcester, Mass.—*Almont Ave.*, three-st'y fr. dwell., 27′ x 52′; $4,500; o., C. H. Whitney; a., John P. Kingston; contracts not let.

Boardman St., three-st'y fr. dwell., 27′ x 50′; $4,500; o. & c., Axel Erikson.

Ash Ave., 2½-st'y fr. dwell., 27′ x 58′; $4,500; o., Peter Lorsen; c., Axel Erikson.

Salisbury St., two-st'y private dwell., 32′ x 49′; $7,500; o., Dr. Edward Swasey; c., B. C. Jacques.

Sylvan St., two-st'y fr. dwell., 27′ x 52′; $4,500; o., J. E. Girard; c., F. J. Goff.

Milton St., three st'y fr. dwell., 45′ x 75′; $6,000; o., Patrick Powers; a., J. P. Kingston.

Hollis St., two-st'y fr. dwell., 26′ x 59′; $4,600; o. & c., Henry Fournier.

MERCANTILE BUILDINGS.

Worcester, Mass.—*Fulton St.*, two-st'y bk. mercantile building; $8,000; o., E. N. Kinnicutt; c., Cutting & Bardwell; a., Fuller, Delano & Frost.

OFFICE-BUILDINGS.

Boston, Mass.—*Congress St., Nos.* 13-17, Ward 6, bk. office-building, 40′ x 44′, flat roof, steam; $30,000; o., Suffolk Trust Co.; b., Connery & Wentworth; a., Wheelwright & Haven.

STABLES.

Boston, Mass.—*Binney St.*, nr. Longwood Ave., Ward 19, two-st'y bk. stable, 30′ x 40′, pitch roof, stones; $3,000; o., J. J. Toomey; b., Martin Flynn, Jamaica Plain.

Barry St., nr. Hamilton St., Ward 20, one-st'y fr. stable, 20′ x 30′, pitch roof; $600; o. & b., Chas. Logue, 4 Snelling Pl.

Brooklyn, N. Y.—*Bushwick Ave.*, e cor. Furman Ave., one-st'y fr. stable, 16′ x 40′; $200; o., G. W. Tucker & Co., Fulton St., nr. Vesta Ave.; a., A. H. McGeehan, 2581 Atlantic Ave.

E. Sixth St., e s, 50′ s Avenue M, one-st'y fr. stable, 12′ x 74′, paper roof; $800; o., Mike Minden, Ocean Parkway; b., N. T. Case, Harway Ave., nr. 26th Ave.

Gates Ave., nr. Bushwick Ave., four-st'y bk. livery & boarding stable, 66′ x 160′; o., Joseph May.

New York, N. Y.—*E. Eighteenth St., Nos.* 420-422, one-st'y bk. stable & office, 13′ x 17′; $500; o., A. M. Schlegelmilch, 420 E. 18th St.; a., N. Langer, 190 Bowery.

(*Stores Continued.*)

Forest Ave., nr. 166th St., two-st'y fr. stable, 25′ x 24′ 6″; $1,200; o., Dr. Charles Mesereau, 165th St., nr. Trinity Ave.; a., M. J. Garvin, 3307 Third Ave.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Sutter Ave.*, cor. Watkins St., four-st'y bk. tenement & stores, 24′ 8″ x 90′; $10,000; o., Rosa Manascha, 492 Watkins St.; a., L. Dananeher, 285 Snediker Ave.

New York, N. Y.—*Eighth Ave., No.* 606, five-st'y bk. & st. stores & tenement, 24′ 4½″ x 100′; $19,000; o., Mandelbaum & Lewine, 111 Broadway; a., Israels & Harder, 194 Broadway.

Avenue D, cor. 9th St., six-st'y bk. flat & stores, 26′ x 88′; $28,000; o., Livingston & Kotzen, Broadway, s e cor. Walker St.; a., M. Bernstein, 245 Broadway.

Suffolk St., Nos. 60-62, six-st'y bk. tenement & stores, 37′ 6″ x 45′ 2″; $30,000; o., Harry Fischel, 215 E. Broadway; a., Samuel Sass, 23 Park Row.

Eldridge St., No. 139, six-st'y bk. tenement with store, 25′ 2″ x 86′; $28,000; o., Farbush Libman, 180 E. 64th St.; a., G. F. Pelham, 503 Fifth Ave.

Clinton St., No. 12, six-st'y bk. tenement & store, 20′ x 83′ 6″; $18,000; o., Simon Jacobs, 212 Clinton St.; a., Nathan Langer, 192 Bowery.

Madison St., Nos. 273-281, 4 six-st'y bk. flats with stores, 29′ 4″ & 25′ x 88′ 2″; $115,000; o., Louis J. Levy, 205 E. Broadway; a., Horenburger & Straub, 122 Bowery.

Elizabeth St., Nos. 10-12, six-st'y bk. tenement & stores, 37′ 6″ x 69′ 6″; $30,000; o., Barnett Gery, 159 Canal St.; a., C. B. Meyers, 1 Union Sq.

E. Twelfth St., Nos. 323-329, 3 six-st'y bk. flats, two 40′ x 90′ 4″ and one 27′ x 88′; $85,000; o., Gerson Hyman, 227 E. 10th St.; a., Schneider & Herter, 46 Bible House.

First Ave., cor. 93d St., 2 five-st'y bk. flats with stores, 50′ 8½″ x 62′ 6″ & 89′; total cost, $36,000; o., Wm. J. Taylor, 19 Union Sq.; a., Pollard & Steinam, 19 Union Sq.

Rutgers Pl., Nos. 10-22, 7 six-st'y bk. & st. tenements, 25′ 8″ x 111′; $30,000; o., Weil & Mayer, 35 Nassau St.; a., Schneider & Herter, 46 Bible House.

Avenue A, No. 173, six-st'y bk. store & tenement, 23′ 8″ x 89′; $38,000; o., Wm. Evans, 48 E. 134th St.; a., J. F. Kelly & Co., 100 William St.

COMPETITIONS.

COURT-HOUSE. [At Nashua, N. H.]

Plans for a Court-house for Hillsborough County are wanted **until April 19.** J. F. CLOUGH, Co. Commr., Manchester, N. H. 1215

JAIL AND SHERIFF'S RESIDENCE. [At Oshkosh, Wis.]

The Building Committee of the County Board will receive plans with the county clerk **until 12 M. April 10,** with or without bids for constructing same, for a county jail and sheriff's residence, the cost not to exceed $23,000 complete. The committee desires a residence of 8 to 10 rooms, and a jail of about 26 cells.

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

PIER. [At Georgetown, D. C.]

U. S. Engineer Office, 601 Eighteenth St., N. W., Washington, D. C., March 27, 1899. Sealed proposals for reconstruction of Pier No. 4 of Aqueduct Bridge, across Potomac River, at Georgetown, D. C., will be received here **until 12 M., April 27, 1899,** and then publicly opened. Information furnished on application. CHAS. J. ALLEN, Lieut. Col., Engrs. 1216

HOSPITAL BUILDINGS. [At Harrisburg, Pa.]

Bids are wanted **April 15** for a group of buildings for the Pennsylvania State Lunatic Hospital. H. L. ORTH, Pres. 1215

Treasury Department, Office Supervising Architect, Washington, D. C., March 30th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of April, 1899, and then opened, for the changes, alterations and repairs to the U. S. Custom-house, etc., building (old) at Detroit, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the U. S. Court-house, Post-office, etc., building at Detroit, Michigan. JAMES KNOX TAYLOR, Supervising Architect. 1216

Treasury Department, Office Supervising Architect, Washington, D. C., March 30, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of May, 1899, and then opened, for the interior finish, plumbing and gas-piping at the U. S. Post-office, Court-house and Custom-house at St. Paul, Minn., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at St. Paul, Minn. JAMES KNOX TAYLOR, Supervising Architect. 1216

HOSPITAL. [At Birmingham, Ala.]

Bids will be received **until April 15** for erecting a three-story brick hospital building. MRS. F. H. MOLTON, president. 1215

HEATING PLANT. [At Fairmount, W. Va.]

Bids will be received **until April 13** for a steam-heating plant at the State Normal School. R. S. CARR, Secretary Board Regents, Charleston, W. Va. 1215

STEAM-HEATING PLANT. [At Grand Junction, Col.]

Bids are wanted **April 13** for a steam-heating plant at the Indian Industrial School. W. A. JONES, Commr. Indian Affairs, Dept. of the Interior, Wash., D. C. 1215

PORTLAND CEMENT, ETC. [At Marquette, Mich.]

Bids are wanted **April 17** for furnishing natural and Portland cement, broken stone, sand, etc., for concrete superstructure and breakwater. MAJOR CLINTON B. SEARS, Corps of Engrs., U. S. A., Duluth, Minn. 1215

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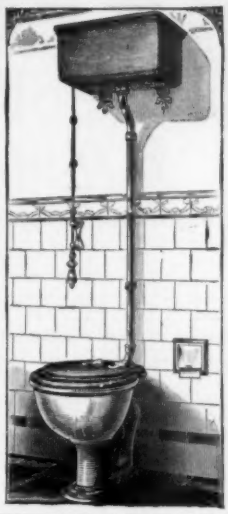

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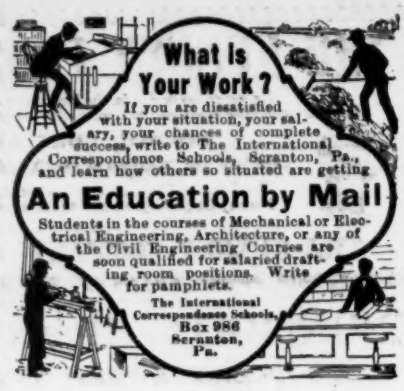

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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.

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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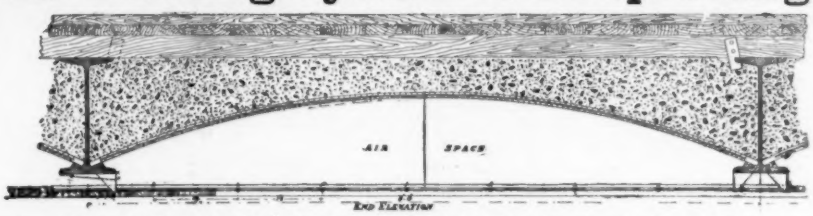

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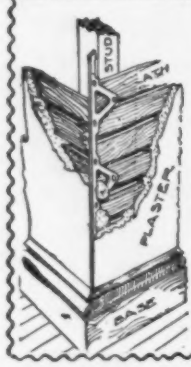

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Common: *Cargo afloat.*			Building 4 50	
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Long Island	@	Domestic Face	Enam. Imp. Bk.	" @ 7 00
Up River	@	18 00 @ 25 00	125 00 @ 145 00	Salmon @ 5 50
Haverstraw Bay 2d	@ 5 50	Philadelphia	Enam. Domes.	Sq. " @ 5 50
" 1st	@ 5 75	35 00 @ 40 00	70 00 @ 85 00	Light Stretchers
Hollow	@ 7 00	10 00 @ 11 00	Select Red Sand-Mold...10 00	9 00 @ 11 00
Fronts:	@		St. Louis Hyd'le Press..27 00	Medium "
Croton, Brown	@ 12 00	Phila. mould	Collinsville, do 22 00	@ 12 00
" dark	@ 12 00	50 00 @ 80 00	Findlay, do 22 00	Red "
" red	@ 12 00	Enamelled B'k.	Chicago, do assorted shades 16 00 @ 20 00	@ 12 00
Chicago pressed		Imported	Chicago, do Brown..24 00	Dark "
" Moulded		Enam. (edge)	Chicago, do Red Roman..24 00	@ 12 00
Baltimore	37 00 @ 41 00	105 00 @ 120 00	Chicago, do Br'n Roman..27 00	Pressed
Philadelphia	19 00 @ 21 00	" (edge & end.)	Bushnell Buff 25 00	@ 17 00
Trenton	17 50 @ 18 50	120 00 @ 135 00		Paving
Milwaukee		Domestic.		11 00 @ 13 0
Moulded:		Enam. (edge)		Second " @ 12
Red Pressed	@ 29 00	90 00 @ 100 00		Third " @ 10 00
Buff "	@ 27 00	" (edge & end.)		
Moulded Red & Buff	45 00 @ 70 00	110 00 @ 115 00		Dom. @ 65 / @ 85
Enamelled: *Imp*				
Enamelled (edge)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 110 00			
CEMENT, LIME, etc. (℔ *cask.*)				
Rosendale Cement	65 @ 75	5 00 @ 1 00	*Not sold.*	1 30 @ 1 50
Louisville "		@	75 @ 1 00	S.H.Fa'l 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	*Not sold.*	@	75 @ 1 00	@
Portland, Eng. (Gibbs)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00		2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50	@	2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	B'ks, Shoobridge & Co.,	@	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	English 2 30	@	Josson
" " (Lagerdofer)	@	2 75 @ 3 00	2 60 @ 2 90	2 60 @ 2 75
" " (Dyckerhoff)	2 75 @ 3 00		3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00	@	2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	3 50 @ 4 00	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	@ 7 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	8 00 @ 9 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50		9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Teil	@ 4 00		*Not sold.*	White Lime ℔ bush
Hydraulic Lime	@ 1 45	@		25 @ 30
Chicago Lime in bulk	St. John		45 @ 55	White Mash
Wisconsin Lime	@		45 @ 55	1 25 @ 1 50
Rockland and Rockport, (Com.).	@ 85	@ 90	*Not sold.*	1 00 @ 1 00
Rockland, finish	@ 95	@ 95	*Not sold.*	
Kelley Island Lime, finish	@	@	1 00 bulk, 75c.	
State, Com. cargo rates	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
Plaster-of-Paris (calcined)	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) ℔ bush	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat)	17 @ 19	@ 30	20 @ 25	30 @
Sand, ℔ load	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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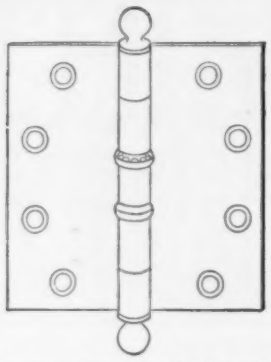

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STONE. (₱ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ foot	@ 5 00
Block	@	4 60 ₱ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	3 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 50	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ M	5 60 @ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30″ $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split.....7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

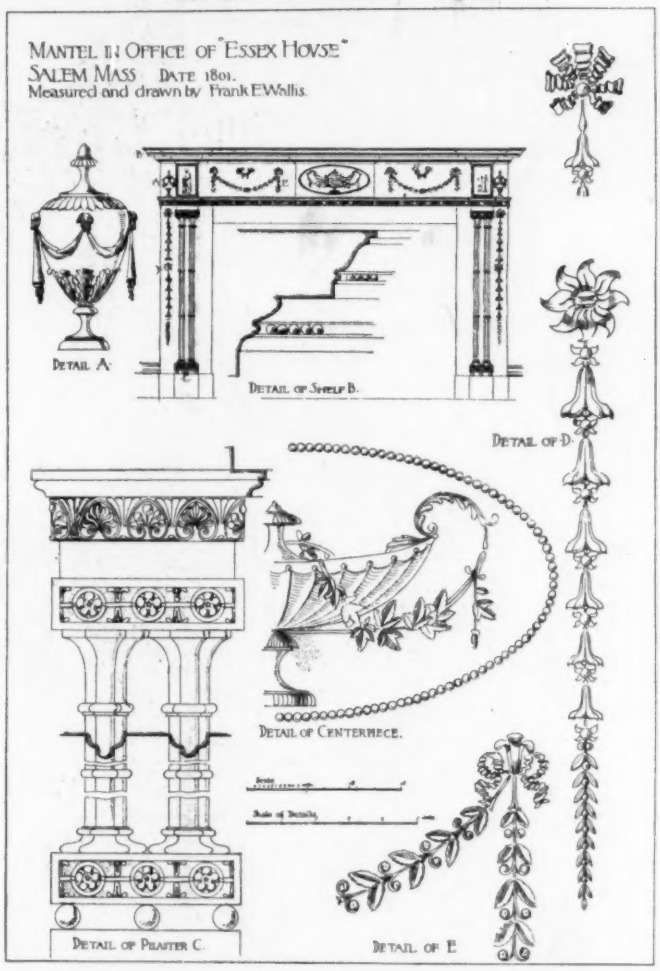
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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[121 plates, 10 x 14½ inches.]

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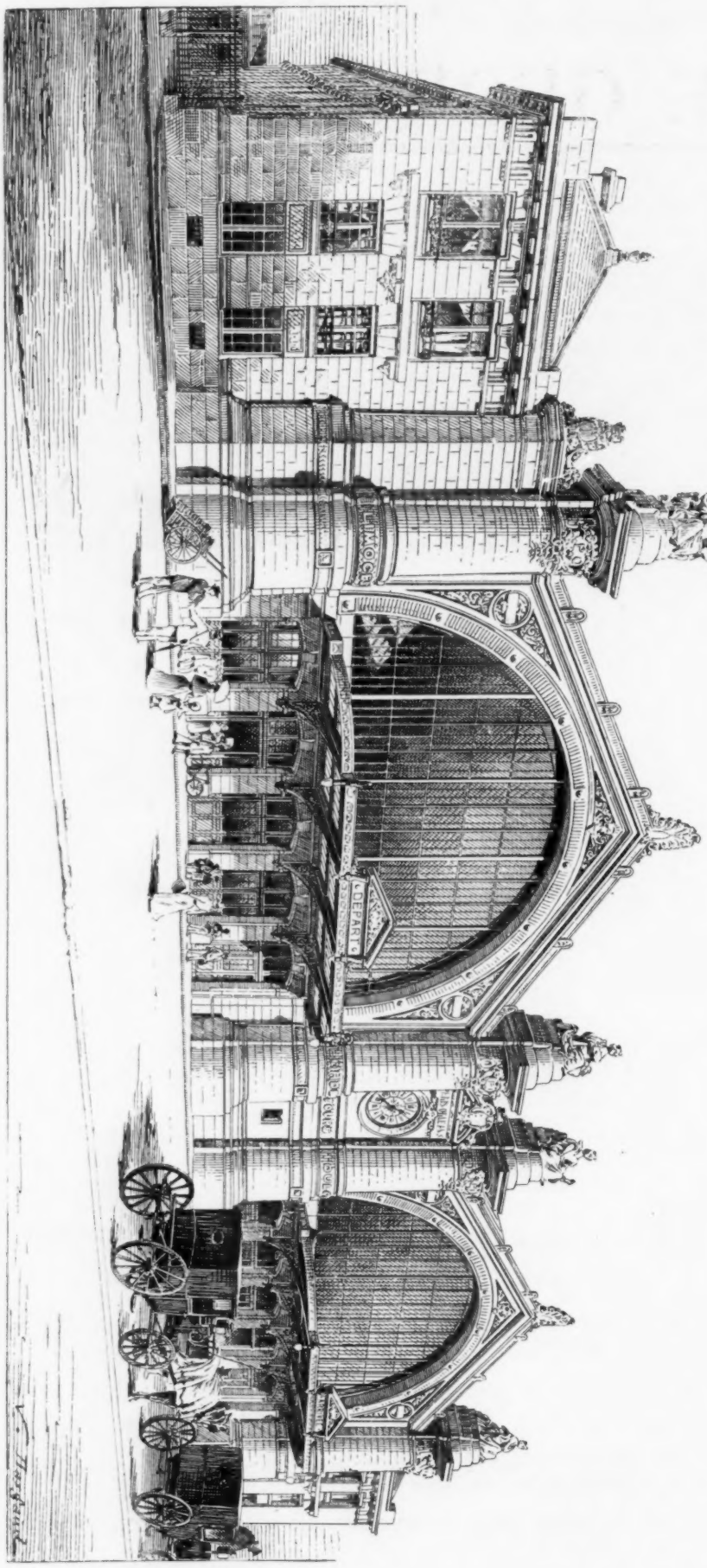

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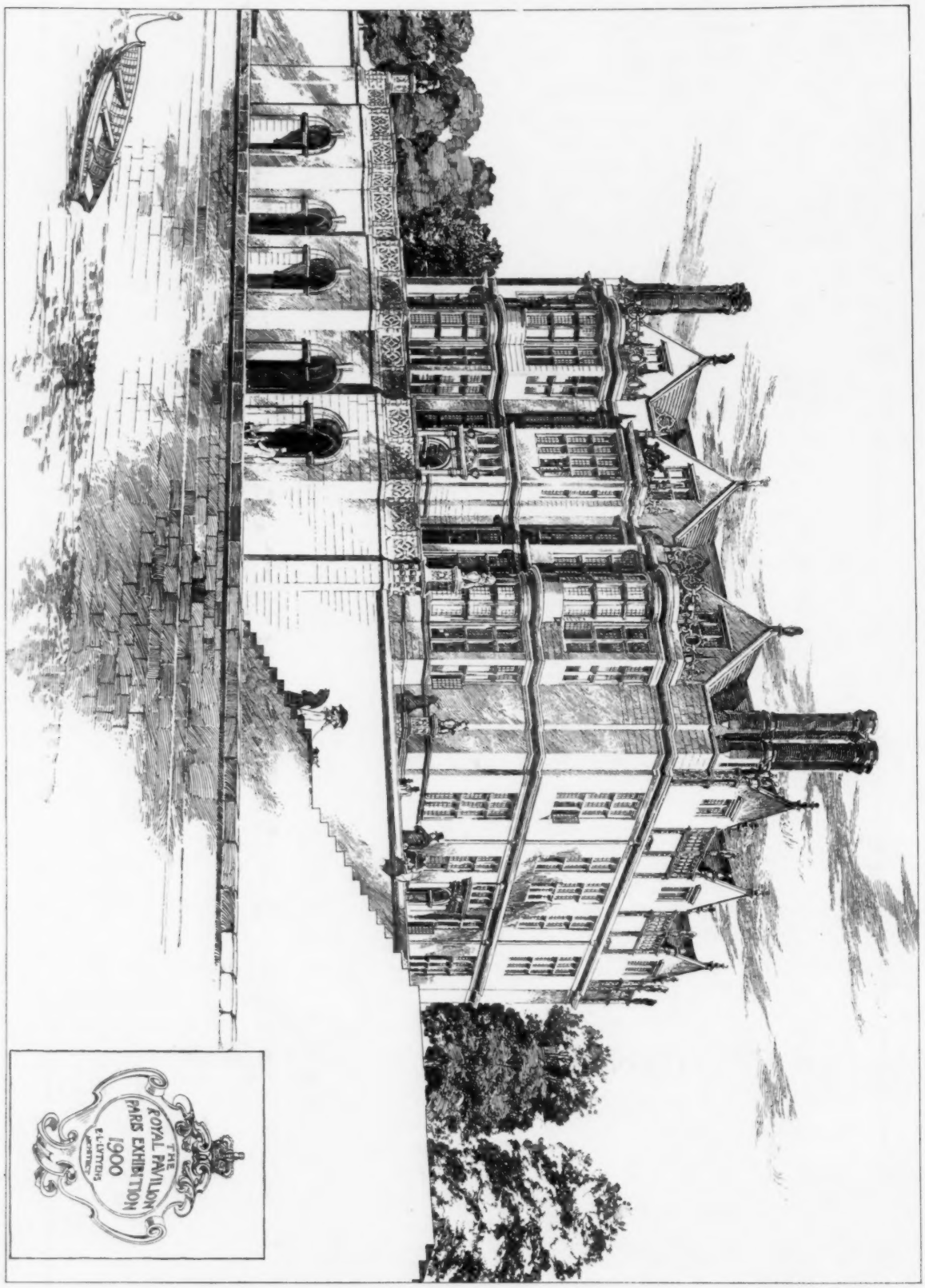

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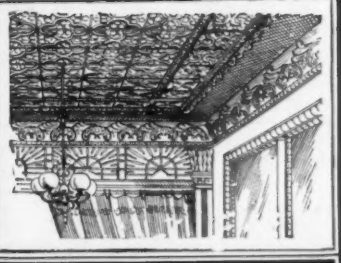

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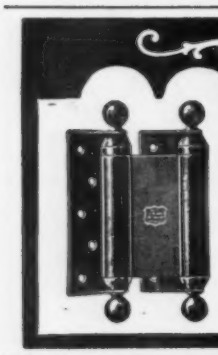

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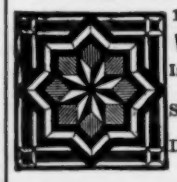

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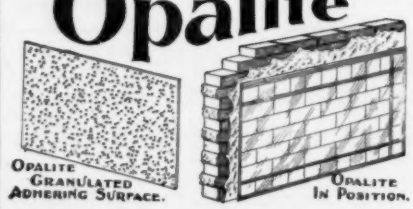

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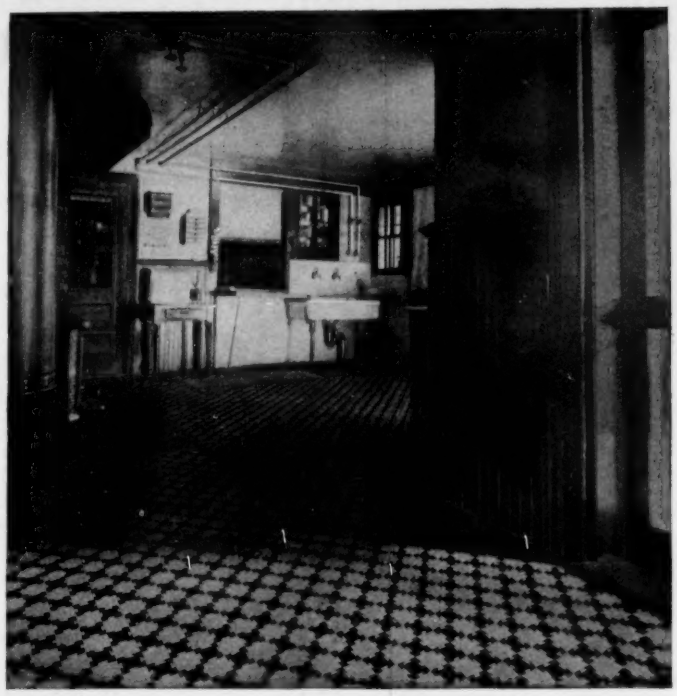

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BUILDING PATENTS.

[*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.*]

621,984. METHOD OF PREVENTING SMOKE AND IMPROVING COMBUSTION IN FURNACES. — John M. Wilson, New York, N. Y.

621,896. DOOR-BOLT. — Edward Burns, New Britain, Conn.

621,898. GRAVITY DOOR-LOCK. — Joel H. Canaday, Elsmore, Kan.

621,920. BATH-TUB. — Frank Johnson, Seattle, Wash.

621,953. WINDOW-SASH. — Clinton D. Tabor, New York, N. Y.

621,970. ELEVATOR-CONTROLLING APPARATUS. — Martin B. McLauthlin, Malden, Mass.

BUILDING PATENTS.

621,977. MOLD FOR CEMENT WATER-TANKS. — Elmer E. Sanford, Johnson, Mich.

621,982. TILTING TANK FOR RECEIVING OR DISCHARGING LIQUIDS. — George T. Tilden, Milton, Mass.

621,999. HOT-WATER-CIRCULATING APPARATUS. — Robert R. Gibbs, Liverpool, Eng.

622,113. REFRIGERATING APPARATUS FOR WATER-SUPPLY SYSTEMS. — Levi K. Brubaker, Lititz, Pa.

622,129. CAP FOR SLIDING DOORS. — Elias H. Doane, Tonica, Ill.

622,134. CISTERN OR ARCH PATTERN. — Thomas W. Faus, Cherokee, and Lundy B Faus, Emmettsburg, Ia.

622,138. WEATHER-STRIP. — John P. Gardner, Middleburg, Md.

622,166. ELECTRIC HEATER. — James D. S. Reed, Chicago, Ill.

622,167. SLIDING-DOOR FASTENER. — Gustaf L. Reenstierna, Boston, Mass.

622,199. PLUMBER'S TACK. — Edward Bookhout, Cranford, N. J.

622,203. LATCH. — William B. Brooker, Bootle, Eng.

622,205. CLOSET. — William H. Furnett, Poughkeepsie, N. Y.

622,208. LIFTING-JACK. — Orlando P. Cox, Maysville, Ky.

622,217. STRAINER. — Louis T. Fuller and John G. Volle, Calvert, Tex.

622,219. CONTINUOUS KILN FOR BAKING POTTERY OR BURNING CEMENT. — Emile Gobbe, Junet, Bel.

622,221. FLUE-STOPPER. — Hiland Goodwin, Wauseon, O.

622,277. REGISTER. — Robert Scott, Glenside, Pa.

622,278. HOT-AIR FURNACE. — John O. Seaborg and Christen Christensen, Chicago, Ill.

622,314. STOP-HINGE. — Jas. Worthington, Manitowoc, Wis.

622,321. HINGE. — Martin C. Bersted, Chicago, Ill.

622,326. PIPE CONNECTION. — William H. Burnett, Poughkeepsie, N. Y.

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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.

Baltimore, Md. — Baldwin & Pennington have prepared plans for two warehouses, eight and five stories high, for the Baltimore & Ohio Railroad Co., to be erected on the corner of Camden and Eutaw Sts.; cost, $250,000.

Barre, Mass. — A new brick and stone school-house, three stories with basement, costing over $30,000, is to be built. The cost of the same is provided for in the gift to his native town by Henry Woods of Boston.

Boston, Mass. — The Board of Estimate and Apportionment have authorized an appropriation of $475,000 for 7 new schools.

Buffalo, N. Y. — C. L. Bryant is having plans prepared for a new residence on Delaware Ave., to cost $18,000.

Architects Esenwein & Johnson have prepared plans for the construction of a $60,000 addition to the plant of the Coöperative Brewery.

Cambridge, Mass. — It is stated that plans are being prepared for an engineering building for the Harvard University.

Charleston, Ill. — The citizens have voted to issue $35,000 bonds for a school.

Cincinnati, O. — The Globe Co., manufacturers of office furniture, will erect a warehouse to cost about $50,000.

Cleveland, O. — John Gill & Sons have secured the contract for erecting the Williamson Building, price said to be $800,000.

Dallas, Ore. — Erb & Van Patton, of Salem, have received the contract for the Court-house at $24,-932.

Denison, Tex. — A. J. Armstrong, of Dallas, is preparing plans for a $45,000 store and office building.

Des Moines, Ia. — Hallett & Rawson are preparing plans for a new college for the S. S. Still College of Osteopathy, to cost about $100,000.

Detroit, Mich. — Williams Bros. & Charbonneau will build a factory building corner Grand River and Humboldt Aves., to be four stories and basement, with frontage of 241 feet, and cost about $40,000; A. E. French, architect.

Nettleton & Kahn have prepared plans for the "Pierson Apartments" for H. L. Pierson, to be built corner of Woodward Ave. and Adelaide St. To be of pressed brick, three stories high.

Harry J. Rill has prepared plans for a new dormitory for the House of the Good Shepherd, Fort and 19th Sts.; cost, $20,000.

Malcomson & Higinbotham are preparing plans for two new school-houses, 12 rooms each, for the Board of Education, to cost about $35,000 each.

L. J. Grenier is preparing plans for a two-story stone residence on the south side of Jefferson Ave., near the Waterworks; cost, $12,000.

S. C. Falkinburg has prepared plans for a five-story apartment-house for Frank D. Hovey, to be built on Winder St.; estimated cost, $55,000.

F. T. Houk has prepared plans for an apartment-house for the Johnson Carriage Co., to be built on the corner of Piquette and Brush Sts., three stories high of pressed brick.

Louis Kemper is preparing plans for a five-story warehouse for the Detroit Stove Works on Jefferson Ave., to be 80′ x 85′, brick and mill construction.

Fargo, N. D. — Plans and specifications are wanted May 2 for the Masonic Temple. H. C. Plumley, Secy. Bd. of Trustees of the Scottish Rite Bodies.

Geneva, O. — Owsley & Boucherle, Wicks Bank Building, Youngstown, have prepared plans for a 10-room school-building to be erected. It will be constructed of brick, with stone and terra-cotta trimmings, slate roof and steam heat; estimated cost, $28,000.

Glenwood, Minn. — Charles S. Sedgwick, architect, Minneapolis, has been awarded the commission to prepare plans for a school-building to be erected here. The building will be about 69′ x 86′, two stories and high basement, brick and stone trimmings, and will contain eight rooms, class-rooms and high school, steam heat; cost, $13,500.

Goshen, N. Y. — Plans are being prepared for a $15,000 addition to the high school.

Hoboken, N. J. — The Stevens Institute, Dr. Henry Morton, pres., contemplates the erection of a fire-proof building for the chemical and physical departments, for which $50,000 has been raised, but as $250,000 will be required it is probable that nothing will be done this year toward the erection.

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A Supplement
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to Catalogue No. 16, devoted to the Hardware of Ornament, has been issued and will be sent, on request, to such Architects as may not already have received it.
The Yale & Towne Mfg. Co.
9-11-13 Murray Street, NEW YORK CITY.

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Iola, Kan. — The proposition to issue $16,000 in school bonds for the erection of a new school-building has been voted favorably upon.

Iowa City, Ia. — The contract for building the State Collegiate Building has been let to Warren, Roberts & Co., of Chicago, at $159,850; architects, Proudfoot & Bird, Des Moines.

Ithaca, N. Y. — A. B. Wood is the architect for a $45,000 addition to the Ithaca High School.

Jacksonville, Ill. — The congregation of the Westminster Presbyterian Society contemplates erecting a new edifice to cost $25,000.

Junction City, Kan. — It has been voted to issue $35,000 bonds for a Court-house.

Lincoln, Kan. — Plans are being prepared by C. W. Squires, architect, Emporia, for the new Court-house to be built by Lincoln County at a cost of about $20,000.

Lincoln, N. J. — A three-story brick building to cost about $20,000 to be used as a Home for Aged and Infirm Workingmen is contemplated by the Federation of Trades and Labor Unions of New Jersey. The Committee appointed to inspect the site has made a favorable report, and, after a further inspection the Executive Board will hold a meeting and at once proceed to put the building plans into effect. The home will be modelled after the Childs-Drexel Home for Union Printers at Colorado Springs, Col.

Little Rock, Ark. — The Arkansas Furniture & Carpet Company will erect a new three-story brick building estimated to cost $30,000.

Madison, Wis. — The Senate has passed a bill appropriating $151,000 for new buildings and improvements to the State University.

Marquette, Mich. — The House is stated to have passed a bill appropriating $25,000 for a State Normal School.

Mattoon, Ill. — Charles Hanker, of Toledo, has received the contract for the new Central and West Schools, at $54,611 for both buildings.

Memphis, Tenn. — The Woodmen of the World contemplate erecting a new building to cost about $60,000.

Menomonie, Wis. — The congregation of the R. C. Church, recently burned, has decided to erect a $20,000 edifice.

Milwaukee, Wis. — Miss Elizabeth Plankinton, daughter of the late John Plankinton, has offered to give the Young Women's Christian Association of this city, the sum of $10,000 to build a home, provided the association provides a site.

The Boston Ground Rent Co. has had plans prepared for a six-story brick building to be erected on Milwaukee St., to cost $65,000; Ferry & Clas, architects, 419 Broadway.

Mineola, L. I., N. Y. — The plans of R. H. Hunt, Metropolitan Building, New York City, have been accepted for a $25,000 hospital to be erected here by the Nassau Hospital Association.

Minneapolis, Minn. — It is reported that a $50,000 edifice will be erected for the Forest Heights Methodist Church.

The Board of Education proposes to expend about $160,000 in additions to school-buildings this summer.

Mobile, Ala. — H. C. Fonde has received the contract for the erection of a $40,000 theatre to be erected by J. Pollock. Sully & Stone, architects, New Orleans.

Monessen, Pa. — E. M. Butz & Co., Park Building, Pittsburgh, have prepared plans for an $18,000 brick school-building to be built here.

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T. W. JONES, Manufacturer,
18 Fletcher St., New York.

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Nashville, Tenn. — Chancellor Kirkland, of Vanderbilt University, has announced that William K. Vanderbilt has decided to present to the university a dormitory building for the students. The structure, the estimated cost of which is $100,000, will be erected on the campus. It will be on West Side Row, and will be in the same style as the dormitories that are now being erected at Princeton University and the University of Pennsylvania. It will be four stories high, besides the basement, and afford accommodations for about 175 students. Work on the building will begin at an early day.

Newark, N. J. — Hurd & Sutton, Prudential Building, are preparing plans for an office-building, corner Halsey and Bank Sts., to cost over $100,000.

New Castle, Pa. — S. W. Foulk has prepared plans for a $22,000 addition to the Court-house.

New Haven, Conn. — The sum of $25,000 has been subscribed by Yale men for the erection of a new alumni hall at Yale. It is proposed to build the hall before the celebration of Yale's 200th anniversary, in 1902.

Newport News, Va — Plans have been prepared by J. E. R. Carpenter, Citizens' Bank Building, for a $20,000 stone church to be erected here.

New York, N. Y. — The American Exchange National Bank will erect an eighteen-story office-building at 128 Broadway, from plans by Clinton & Russell, 32 Nassau St.

Newton, Mass. — An order has passed the Board of Aldermen appropriating $25,000 for a new almshouse on Winchester St., Newton Highlands.

Norfolk, Va. — Reports state that the Central Ave. Baptist Society will erect a new brick church to cost about $10,000, Rev. E. E. Dudley, pastor.

Norristown, Pa. — The Commissioners of Montgomery County have adopted the plans of Thos. P. Lonsdale, of Philadelphia, for an $18,000 infirmary for the almshouse.

Northfield, Vt. — Plans for a new building for the Norwich University, to be named Dewey Hall, in honor of Admiral Dewey, are being prepared by Bradford L. Gilbert, of New York City. The estimated cost of $100,000 is to be raised by a public subscription throughout Vermont. A large portion of the amount is already assured.

Omaha, Neb. — John Latenser has been selected to prepare plans for the following schools in this city: The Davenport School, 40th and Davenport Sts., to cost about $30,000; the Cass School, the cost to be $35,000; the Pacific School, at $35,000. These buildings will be constructed of pressed-brick, with stone trimmings, slate roof, steam heat, tile floors and tiling for playground, toilet-rooms.

John McDonald, 905 New York Life Building, will prepare plans for an addition to the high school, to cost about $150,000.

Philadelphia, Pa. — Contractors J. E. & A. L. Pennock will build the two-story granite boiler and engine house, 47′ 3½″ x 71′ 7¾″ for the Penn Mutual Life Insurance Co. The cost will probably reach $40,000. Ultimately the structure will be eight or ten stories high, and will be utilized for storage purposes.

Manufacturer Robert Hey has purchased the six-acre plot of ground known as the Johnson Farm, Ridge Ave. and County Line, Roxborough, upon which he will build a fine modern mansion for himself.

Raleigh, N. C. — Robert Barrett has prepared plans for remodelling the Institution for the Blind; estimated cost of changes, $15,000. Bids close May 1. Owner, State of North Carolina, B. F. Montague, Chairman of Building Committee.

A $20,000 church will be erected by the First Presbyterian Society of this city.

Richmond, Va. — Plans for a new chapel for the Union Theological Seminary near Richmond have been drawn by Chas. W. Bolton, 1510 Chestnut St., Philadelphia, Pa. It will cost about $10,000.

South Bethlehem, Pa. — A $20,000 hotel will be erected here.

Springfield, Ill. — The contract for remodelling

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Customers desiring to benefit by these prices must refer distinctly to this announcement,

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

the County Court-house has been awarded to Warren Roberts & Co., of Chicago, for $49,850.

St. Charles, Ia. — At the school election $25,000 in bonds were voted for the erection of new school-buildings.

Syracuse, N. Y. — The plans of Archimedes Russell have been accepted for a new edifice for the First M. E. Church; probable cost $60,000. George C. Sawyer, Chmn. Bldg. Com.

The Council is stated to have approved the bill providing for the issue of $250,000 bonds for the purchase of a site and erection of a high school.

Tarentum, Pa. — Plans for a $25,000 high-school building are being prepared by F. C. Sauer, Hamilton Building, Pittsburgh.

Warren, O. — It was recently voted to issue $30,000 bonds for a school.

Warrensburg, N. Y. — A. W. Fuller, of Albany, is preparing plans for a $20,000 school.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Watertown, N. Y. — The plans of D. D. Kieff have been accepted for the $60,000 high schoo..

West Superior, Wis. — The Great Northern Railway have let contracts in the construction of the largest grain-elevator in the world. The elevator will be built of steel at a cost of over $2,000,000. Its capacity is to be 6,500,000 bushels of grain, or 2,500,000 more than the largest existing elevator. The elevator is to be completed by next January.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Kerbocker Ave. and Thames St.*, three-st'y fr. flat; $15,000; o., Augustine; a., George Acker, 148 Grove St.

Chicago, Ill. — *Sawyer and Cortland Sts.*, three-st'y bk. & st. flats, 47' x 112', comp. roof, steam; $24,000; o., Mr. Randolph; a., T. J. Madlen, 858 N. California Ave.

Woodlawn Ave., No. 6240, three st'y st. flat, 50' x

BUILDING INTELLIGENCE.

(Apartment-houses Continued.)

70', comp. roof, steam; $20,000: o., Jos. Cormack; a., Thos. McCall, Lake Ave. & 53d St.

Cincinnati, O. — *Elm St.*, nr. 12th St., four-st'y bk. & st. flat, 75' x 95', tin roof, steam: $35,000; o., Windisch Estate, Liberty & Canal Sts.; a., J. J. Rueckert.

Main St., five-st'y bk. & st. flat, 60' x 90', tin roof, steam; $30,000; o., J. H. Bauer, 1410 Main St.; a., Emil G. Rueckert.

Cleveland, O. — *Giddings Ave. and Cedar St.*, four-st'y bk. flat, 40' x 80', flat roof, steam; $20,000; o., A. C. Klumph, 11 Carter St.; a., E. E. Smith.

Kansas City, Mo. — *Independence and Brooklyn Aves.*, four-st'y bk. & st. flat, 48' x 88', comp. roof, steam; $25,000; o., P. V. Rocco; a., F. B. Hamilton, 32 Beals Building.

Ninth and Oak Sts., st. & bk. flats, 44' x 144', tin roof, steam; $30,000; o., E. W. Smith; a., Van Brunt & Howe.

New York, N. Y. — *E. Fifth St., Nos.* 723-725, six-st'y

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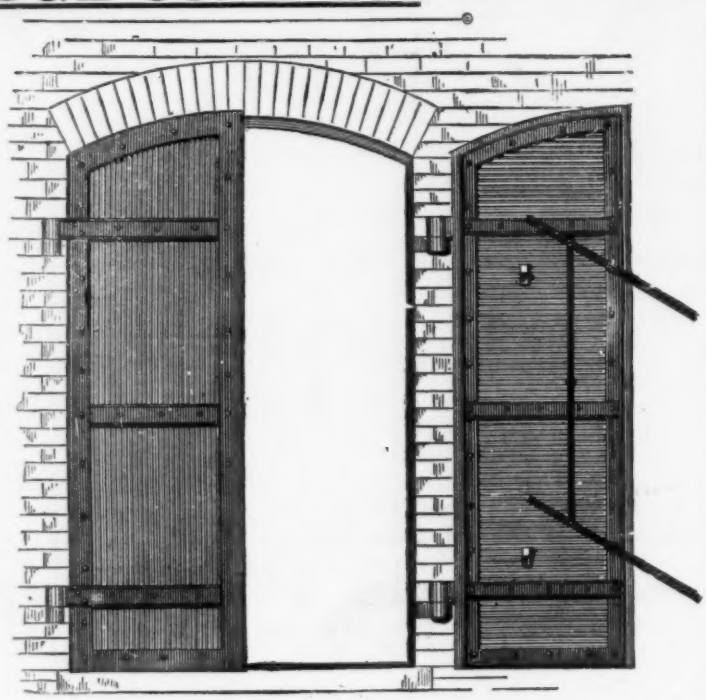

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EDUCATIONAL.

Racine, Wis. — *Sixth Ward*, two-st'y steel-fr. bk. & st. school, 63′ x 128′, shingle & tin roof, hot blast; $20,000; *Fifth Ward*, three-st'y steel-fr. bk. & st. school, 73′ x 96′, tin roof, hot blast; $25,000; o., School Board; a., O. Burlingame, City Eng.

Toledo, O. — *Waite Ave.*, two-st'y 14-room bk. school; $30,000; o., Board of Education; a., Wachter & Hudson.

FACTORIES.

Detroit, Mich. — Rogers & McFarlane, three-st'y bk. manufactory, 1301 Twelfth St.; $14,000.

Philadelphia, Pa. — *Arch St., Nos.* 707-713, six-st'y st., iron & bk. factory & office building, 45′ x 180′; o., Henry C. Lea; a., Collins & Autenrith.

HOTELS.

Boston, Mass. — *Atlantic Ave., East and Essex Sts.*, Ward 7, eleven-st'y bk. hotel, 70′ x 163′, flat roof, steam; $400,000; o., Francis Peabody *et als.*, trustees, 194 Washington St.; bldrs., G. A. Fuller & Co.

HOUSES.

Ann Arbor, Mich. — 2½-st'y st. & fr. dwell., 30′ x 50′, shingle roof, hot water; $10,000; o., John Burg; a., Spier & Rohns, Detroit.

Boston, Mass. — *Harvest St.*, nr. Willowwood St., Ward 24, 3 two-st'y fr. dwells., 25′ x 37′, pitch roofs, furnaces; $12,000; o., Isabella Munn; b., Magnus Munn.

Glen Road, nr. Washington St., Ward 22, two 2½-st'y fr. dwells., 26′ x 56′, pitch roofs, furnaces; $10,000; o., Catharine F. O'Keefe; b., Geo. A. Cahill.

Parker Hill Ave., No. 93, Ward 19, two-st'y fr. dwell., 27′ x 53′, hip roof, furnace; $5,500; o., Jas. Toohey, 113 St. Alphonsus St.

Princeton St., Nos. 279-281, 2 three-st'y fr. dwells., 20′ x 51′, flat roofs, stoves; $8,000; o. & b., J. Goldringer.

Stratford St., nr. Greenbriar St., Ward 20, 2½-st'y fr. dwell., 24′ x 48′, pitch roof, furnace; $6,500; o. & b., Walter McPherson, 58 Torrey St.

Glade Ave., nr. Glen Road, Ward 22, two-st'y fr. dwell., 38′ x 44′, pitch roof, furnace; $4,000; o., B. H. Coffin; b., J. P. Campbell.

Corinth St., nr. Washington St., Ward 23, 3 two-st'y fr. dwells., various dimensions, flat roofs, stoves; $9,000; o., Rudolph Dunkel; b., G. W. Brown.

Mellen St., nr. Washington St., Ward 24, 2½-st'y fr. dwell., 30′ x 55′, pitch roof, furnace; $5,000; o., G. G. O'Leary; a., C. J. Bateman.

Crescent Ave., nr. Moseley St., Ward 16, three-st'y fr. dwell., 23′ x 51′, flat roof, stoves; $3,500; o., Wm. Duff.

Moultrie Ave., No. 10, 2½-st'y fr. dwell., 26′ x 50′, pitch roof, furnace; $5,500; o. & b., J. S. Mann, 7 Charles St., Dorchester.

Spencer St., nr. W. Park St., Ward 20, three-st'y fr. dwell., 26′ x 40′, flat roof, furnace; $5,000; o. & b., D. J. McKinnon, Ringgold St.

Clayborne St., nr. Dakota St., Ward 20, 2½-st'y fr. dwell., 36′ x 36′, pitch roof, furnace; $5,500; o. & b., Wm. A. Long, 194 Washington St.

Fenelon St., nr. Merrill St., Ward 20, 2 three-st'y fr. dwells., 26′ x 53′, flat roofs, hot water; $8,000; o., A. W. Glennie; a., C. A. Russell.

Poplar St., nr. Washington St., Ward 23, two-st'y fr. dwell., 33′ x 40′, pitch roof, hot water; $4,500; o., Henry J. Petro.

Brook Road, nr. Plainfield St., Ward 23, 2½-st'y fr. dwell., 24′ x 52′, pitch roof, stoves; $5,000; o., James MacMahon; b., J. R. Campbell.

Crescent Ave. and Spring Garden St., Ward 25, 4 three-st'y fr. dwells., 24′ x 51′, flat roofs, stoves; $15,000; o. & b., Boyd & Berry, Pond St.

Edison Green, nr. Dorchester Ave., Ward 16, two-st'y fr. dwell., 28′ x 49′, pitch roof, hot water; $5,000; o., P. R. Welsh, 37 Whitney St., Roxbury; b., J. F. Flaherty.

Huntington Ave., nr. Courtland St., Ward 19, 3 four-st'y bk. dwells., 19′ x 25′ x 89′, flat roofs, steam; o., Rufus A. Flanders; b., James Lancaster; a., Bailey & Spofford.

Quincy St., nr. Blue Hill Ave., Ward 20, 2 three-st'y bk. dwells., 22′ x 57′, flat roofs, stoves; $15,000; o., Morris Frye, 139 Hanover St.; b., Thos. Brown.

Adams St., No. 192, Ward 20, three-sty bk. dwell., 23′ x 53′, flat roof, hot water; $6,500; o., Catharine Hayes; a., C. A. Russell.

Cincinnati, O. — *Avondale*, 2½-st'y bk. & st. dwell., 38′ x 53′, tile roof, hot air; $12,000; o., M. E. Ingalls; a., Geo. B. Post, New York City.

Avondale, 2 two-st'y bk. dwells., 31′ x 42′, tile roofs, hot air; $11,000; o., George Hafer, Fourth Nat'l Bank; a., B. C. De Camp, Neave Building.

Cleveland, O. — *Prospect St.*, three-st'y bk. dwell., 52′ x 60′, red slate roof, combination heat; $18,000; o., C. H. Merrick; a., F. J. Grenier, Detroit, Mich.

Detroit, Mich. — Gearing Bros., block of 4 two-st'y bk. stores & dwells., 1379-85 Jefferson Ave.; $10,000. A. Corbeille, 2 two-st'y bk. double dwells., 1243-45 Third Ave.; $10,000.

BUILDING INTELLIGENCE.

(*Apartment-Houses Continued.*)

& base. bk. & st. stores & aparts., 33′ 4″ x 83′ 6″; $30,000; o., Rachel Hoffman, 71 Avenue C and Sam'l J. Ruth, 123 Henry St.; a., Horenburger & Straub, 122 Bowery.

One Hundred and Tenth St., bet. Madison & Park Aves., five-st'y bk. & st. flats, 41′ 6″ x 89′; $20,000; o., Henry Muhlker, 18 W. 114th St.; a., R. R. Davis, 247 W. 125th St.

Second Ave., cor. 77th St., 4 five-st'y bk. & st. flats, 25′ x 87′; $90,000; o., Samuel I. Davis, 202 E. 12th St. & 1190 Madison Ave.; a., Neville & Bagge, 217 W. 125th St.

One Hundred and Eighteenth St., bet. Lenox & 5th Aves., five-st'y bk. & st. flats, 20′ x 82′ 6″; $14,000; o., Thomas Kirkland, P. O. Guttenburg, N. J.; a., R. R. Davis, 247 W. 125th St.

One Hundred and Twenty-ninth St., cor. Amsterdam Ave., 4 five-st'y bk. & st. flats, 25′ x 95′ & 25′ x 87′; $90,000; o., James T. Fitzgerald, 308 W. 15th St.; a., Edward Wenz, 1491 Third Ave.

CHURCHES.

Barton, Wis. — One-st'y bk. church, 46′ x 114′, slate roof, steam; $12,000; o., Immaculate Conception Society; a., Anton Dohmen, Milwaukee.

Boston, Mass. — *Columbia Road*, nr. Dorchester Ave., Ward 16, bk. & st. church, 80′ x 158′, pitch roof, steam; $75,000; o., Rt. Rev. J. J. Williams; b., W. J. Fitzgerald, 3 Mt. Vernon St., Dorchester.

Columbus, O. — *S. High St.*, two-st'y bk. & st. church, 70′ x 90′, slate roof, furnace; $12,000; o., S. High St. M. E. Society; a., Wilbur T. Mills, 101 N. High St.

Jacksonville, Ill. — Two-st'y st. & bk. church, 77′ x 101′; $25,000; o., Westminster Presbyterian Society; a., Charles Crapsey, Cincinnati.

Meyers Valley, Kan. — One-st'y bk. & st. church, 60′ x 120′, shingle roof, steam; $18,000; o., St. Joseph R. C. Society, Rev. Fr. Hundt, St. George; a., Geo. P. Staduhar, Rock Island, Ill.

Milwaukee, Wis. — *Clark and Bremen Sts.*, bk. church, 70′ x 156′, slate roof, hot water; $60,000; o., St. Casimer Congregation; a., E. Brilmaer & Sons.

CLUB-HOUSES.

Jackson, Mich. — Three-st'y bk. building, 66′ x 132′, slate roof, steam heat; o., B. & P. Order of Elks; a., L. Kamper, Detroit.

Kenosha, Wis. — Three-st'y bk. structure, 50′ x 100′, tin roof, steam; $10,000; o., St. George's Congregation; a., Molerus & Lotter, Milwaukee.

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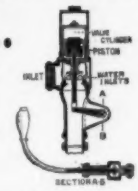

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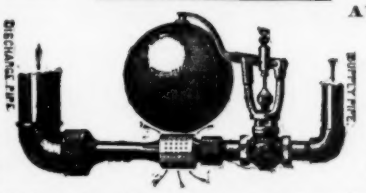

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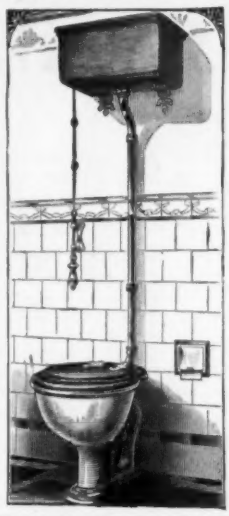

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BUILDING INTELLIGENCE.

(*Houses Continued.*)

Lancaster, Ky.—Two-st'y bk. dwell., 47′ x 69′, slate roof, steam; $7,000; o., Cubell Denney; a., Ryan & Son.

Milwaukee, Wis.—Three-st'y bk. veneer dwell., 42′ x 74′, shingle roof, hot water; $25,000; o., Irving H. Reynolds; a., Ferry & Clas.

New York, N. Y.—*Trinity Ave.*, cor. 156th St., three-st'y fr. dwell. with store, 20′ x 90′; $10,000; o., H. Hoffman; a., Gustav Schwarz, 554 E. 158th St.

Oak Park, Ill.—Two-st'y fr. & st. dwell., 32′ x 37′, & stable, 24′ x 35′, shingle roofs; $5,000; o., Geo. W. Hayden; a., W. K. Johnson, Calumet Building, Chicago.

Ottumwa, Ia.—Three-st'y bk. dwell. for a parsonage, 34′ x 48′, slate roof; $5,000; o., Sacred Heart Society, Rev. B. Flood; a., Geo. P. Staduhar, Rock Island, Ill.

THEATRES AND HALLS.

Des Moines, Ia.—One-st'y bk. & st. auditorium, 106′ x 164′, comp. roof, fan system of heating; $35,000; o., Des Moines Auditorium Co.; a., Hallett & Rawson.

Detroit, Mich.—Spitzley Bros., four-st'y st. G. A. R. Memorial Hall, 116-124 Grand River Ave.; $40,000.

Lakeland, Ky.—Two-st'y & base. bk. industrial & amusement hall, 33′ x 150′, tin roof, steam; $15,000; o., State of Kentucky; a., Thomas & Bohn, Louisville.

Rock Falls, Ill—Three-st'y bk. opera-house with stores, 50′ x 100′, tin roof, steam; $15,000; o., Frank Bros.; a., P. T. Van Horne.

WAREHOUSES.

Johnstown, Pa.—*Main and Bedford Sts.*, five-st'y bk. store-building, 72′ 6″ x 114′, flat roof, steam; $40,000; o., Swank Hardware Co.; a., George Wild and E. F. Reiche.

St. Louis, Mo.—*Washington Ave.*, nr. 16th St., two st'y bk. & st. store-building, 70′ x 132′, comp. roof,

BUILDING INTELLIGENCE.

(*Warehouses Continued.*)

$25,000; o., J. H. Loinberger; a., Shepley, Rutan & Coolidge.

New York, N. Y.—*Thirteenth St., Nos.* 103-105, six-st'y bk. & st. stores & lofts, 40′ x 100′; o., Sheppard Knapp & Co., 13th St. & 6th Ave.; a., Geo. H. Van Auken, 32 E. 14th St.

E. Twentieth St., Nos. 36-38, eight-st'y bk., st. & terra-cotta fireproof stores & lofts, 40′ x 92′; o. & b., John Walker, 171 Broadway; a., Franklin Baylies, Bible House.

Broadway, cor. 10th St., six-st'y bk. & limest. store & loft building, 46′ x 100′; o., Captain Henry Metcalfe; a., Richard Berger, 309 Broadway; gen'l c., Richard Deeves & Son, 309 Broadway.

Spring St., cor. W. Broadway, six-st'y bk. & st. store & loft building, 25′ x 75′ 3″; o., Arthur A. Hodges, St. James Building.

E. Eighteenth St., No. 10, eight st'y bk. & st. stores & lofts; o., Joseph J. McCaffery, 447 E. 116th St.; a., Henri Fouchaux, 162d St. & 11th Ave.

COMPETITIONS.

JAIL AND SHERIFF'S RESIDENCE. [At Oshkosh, Wis.]

The Building Committee of the County Board will receive plans with the county clerk **until 12 M. April 10,** with or without bids for constructing ame, for a county jail and sheriff's residence, the sost not to exceed $23,000 complete. The committee esires a residence of 8 to 10 rooms, and a jail of bout 26 cells.

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

MATERIALS, TOOLS AND LABOR. [At St. Louis, Mo.]

Sealed proposals will be received **until April 20,** 1899, at the office of the President of the Board of Public Improvements, for furnishing all materials, tools and labor necessary, and erecting complete in place, the following work in the new City-hall. Letting "A": Certain wooden cases and counters for the City Register in Room No. 1. Letting "B": Certain wooden book-cases in the Library of the City Counsellor. Letting "C": Lighting fixtures in the Council Chamber and the House of Delegates Chamber. ROB'T E. McMATH, President. 1216

CHURCH. [At Woonsocket, R. I.]

It is stated that bids are wanted **April 25** for a church. E. O. RONIAN, Globe Congregational Society. 1216

SCHOOL-HOUSE. [At Milton, Mass.]

Sealed proposals for constructing an addition to the Tucker School Building will be received **until April 21, 1899** by the Town of Milton, all proposals to be addressed to J. FRANK POPE, Secy. Bldg. Committee, Mattapan. 1216

STOREHOUSE. [At Fort Hancock, N. J.]

Office Constructing Quartermaster of Fort Hancock, N. J., Army Building, Whitehall St., New York City. Sealed proposals will be received here **until May 1, 1899** for the construction of an Ordnance Storehouse and a Lavatory Building at Fort Hancock, N. J. 1217

DRY DOCK. [At Mare Island, Cal.]

Sealed proposals will be received at the Bureau of Yards and Docks, Navy Department, Washington, **until June 10, 1899** for the construction of one timber dry dock at the Navy Yard, Mare Island, Cal. MORDECAI T. ENDICOTT, Chief of Bureau. 1217

HEATING. [At Hallock, Minn.]

Plans and specifications are wanted **May 9** for heating the Court-house and Jail. G. A. GUNNERSON, Co. Aud. 1217

PIER. [At Georgetown, D. C.]

U. S. Engineer Office, 601 Eighteenth St., N. W., Washington, D. C., March 27, 1899. Sealed proposals for reconstruction of Pier No. 4 of Aqueduct Bridge, across Potomac River, at Georgetown, D. C., will be received here **until 12 M., April 27, 1899,** and then publicly opened. Information furnished on application. CHAS. J. ALLEN, Lieut. Col., Engrs. 1216

Treasury Department, Office Supervising Architect, Washington, D. C., March 30th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of April, 1899, and then opened, for the changes, alterations and repairs to the U. S. Custom-house, etc., building (old) at Detroit, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the U. S. Court-house, Post-office, etc., building at Detroit, Michigan. JAMES KNOX TAYLOR, Supervising Architect. 1216

Treasury Department, Office Supervising Architect, Washington, D. C., March 30, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of May, 1899, and then opened, for the interior finish, plumbing and gas-piping at the U. S. Post-office, Court-house and Custom-house at St. Paul, Minn., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at St. Paul, Minn. JAMES KNOX TAYLOR, Supervising Architect. 1216

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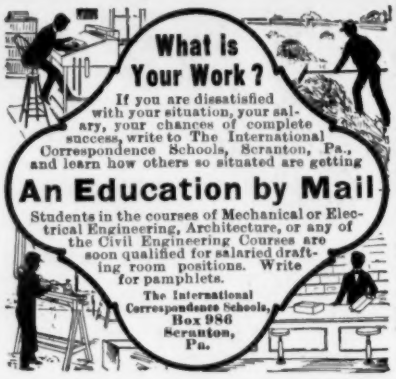

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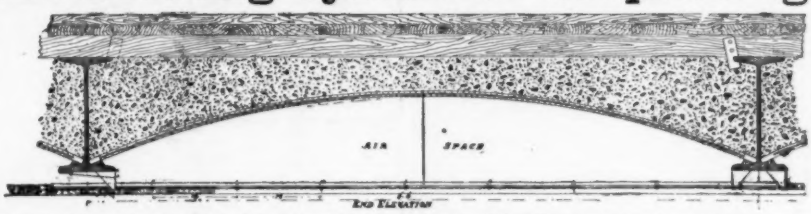

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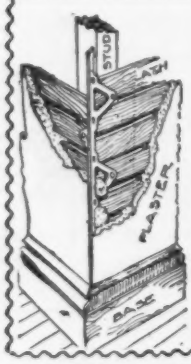

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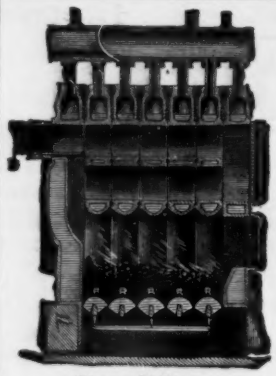
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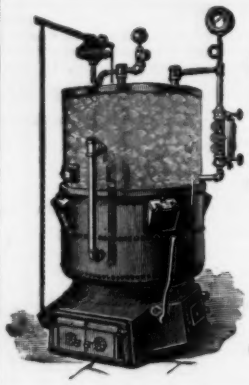

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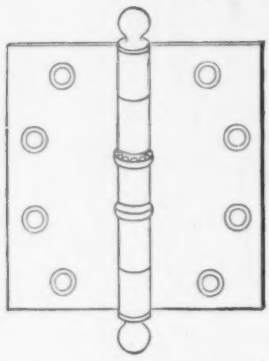

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STONE. (₱ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ foot	@ 5 00
Block	@	4 60 ₱ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea 13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 50	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	{30" $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	{24" 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	{20" 35 @ 14
Cypress. Split.....7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

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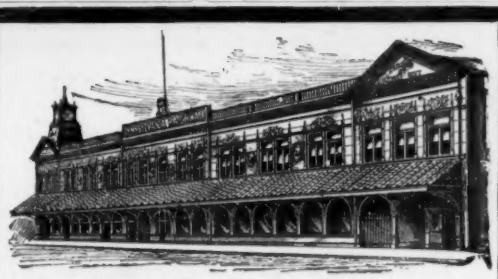

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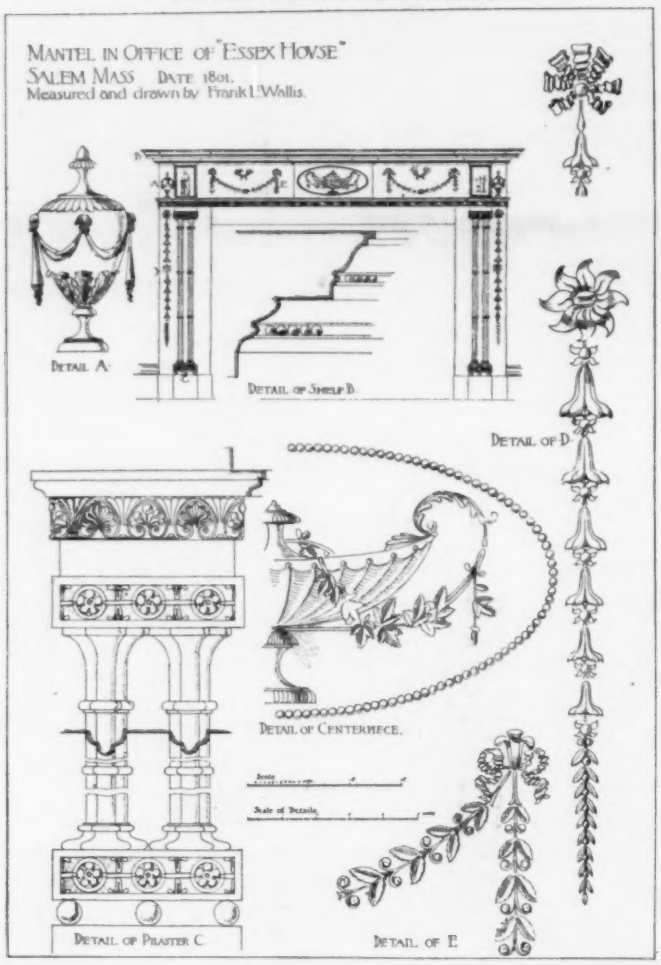

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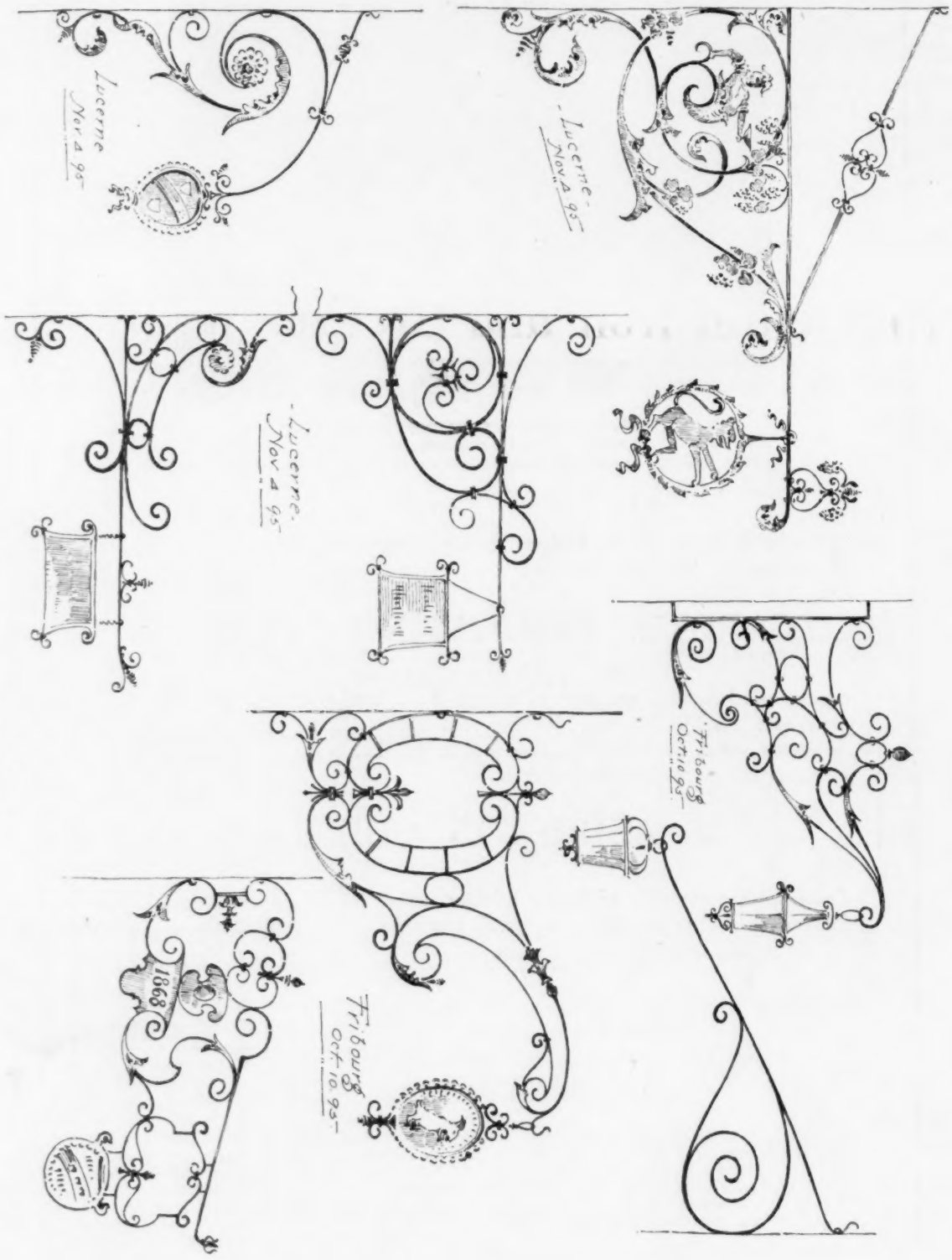

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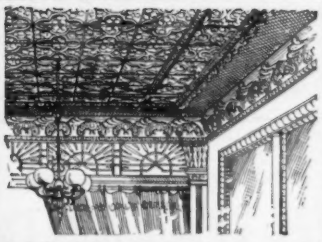

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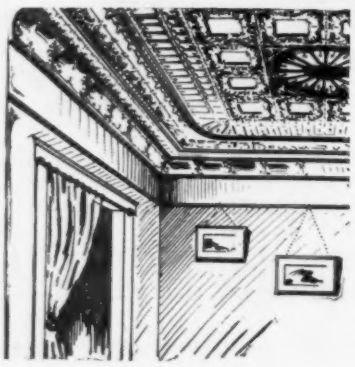

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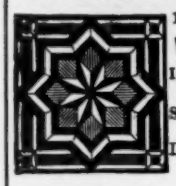

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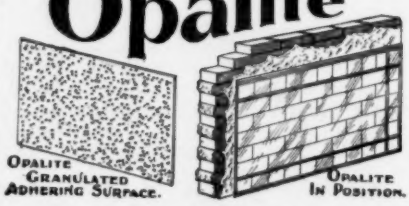

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FRED ADEE & CO. (New York, N. Y.), Water-closet. Page iii.
DETROIT AND CLEVELAND NAVIGATION CO. (Detroit, Mich.), Summer Cruise. Page xv.
THE PNEUMATIC DOME MFG. CO. (Washington, D. C.), Pneumatic Dome. Page iii.

See last or next issue for the following advertisements: —

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Braender, Philip.
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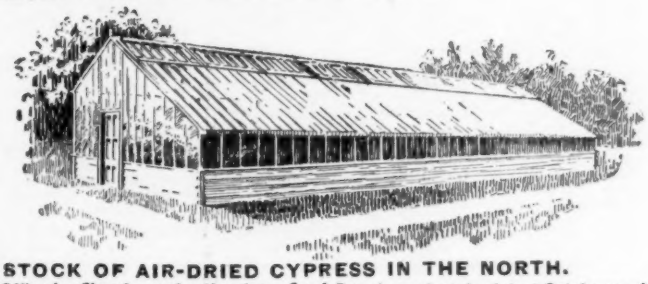

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622,365. DEVICE FOR PENETRATING FROZEN EARTH OR GRAVEL. — Thomas J. Hubbell, Santa Cruz, Cal.
622,366. HOISTING APPARATUS. — Chas. W. Hunt and Chas. C. King, New York, N. Y.
622,387. CEMENT. — Harry H. Pierce, Toledo, O.
622,388. TREATMENT OF LIME. — Harry H. Pierce, Toledo, O.
622,417. METALLIC ROOFING-PLATE. — Andrew J. Cohen, Philadelphia, Pa.
622,418. VALVE. — Samuel P. Croswell, Medford, Mass.
622,424. APPARATUS FOR HEATING AND AGITATING AIR. — Louis P. Hager, Waltham, Mass.
622,426. FLOORING. — Alexander von Hammerstein-Loxten, Abentheuer, Ger.
622,430. ELECTRIC ELEVATOR. — Thaddeus W. Heermans, Evanston, and Norman Whichello, Chicago, Ill.
622,435. SPRING-HINGE. — Alonzo D. Anthony, Groton, N. Y.
622,463. EXPANDING BIT FOR BORING WOOD, ETC. — George W. Green, North Sydney, New South Wales.
622,488. WEATHER-STRIP FOR DOORS. — Fridolin B. Kamm, Pleasant Gap, Mo.
622,506. ILLUMINATING WINDOW-GLASS. — Chas. E. Manning, Chicago, Ill.
622,530. MITERING INSTRUMENT. — Victor A. Pernot, Colegrove, Cal.
622,539. WINDOW. — Martin Riley, Washington, D. C.
622,556. DOOR-CHECK. — John Speirs, Jersey City, N. J.

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622,631. Urinal.—William W. S. Orbeton, Cliftondale, Mass.
622,653. Bowling-Alley.—Jacob N. McIntire, New York, N. Y.
622,660. Bowling-Alley.—Paul C. Biersach, Milwaukee, Wis.
622,665. Knob for Doors, Bells, etc.—Cornelius M. Brown, Newark, N. J.
622,666. Extensible Platform.—John Burwell, Shelby, Ia.
622,676. Combined Bolt and Lock.—John M. Forney, Nisbet, Pa.
622,714. Door-Fastener.—John E. Saladé, Lone Tree, Ia.
622,720. Vent and Backwater Coupling.—Henry Sieben, Kansas City, Mo.
622,739. Pipe-Clamp.—Henry A. Wahlert, St. Louis, Mo.
622,743. Pipe-Hanger.—George M. Willment, New York, N. Y.
622,745. Hot-Water Heating Apparatus.—Henry Wittbold, Chicago, Ill.
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622,755. Elevator-Controller.—Fountain S. Braid, New York, N. Y.
622,785. Electric-Light Radiator.—Henry Stenz, Faribault, Minn.
622,792. Elevator-Guide.—Francis A. Bates, Swarthmore, Pa.
622,823. Automatic Sliding Door.—Daniel Schuyler, San Diego, Cal.
622,828. Sash-Holder.—William H. Stevens, Buffalo, N. Y.
622,849. Window-Screen-Frame Holder.—Isaac Hanna, Chicago, Ill.
622,863. Apparatus for Heating and Agitating Air.—Edwin F. Porter, Boston, Mass.
622,897. Fitting for Wrought-Metal Pipes.—James J. Lawler, Mt. Vernon, N. Y.
622,903. Sash-Fastener.—Theodore B. Stevens, Cleveland, O.
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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.

Atlantic City, N. J.—It is reported that the congregation of the St. Nicholas R. C. Church will erect a new edifice, at a probable cost of $125,000.

Baltimore, Md.—The Fred W. Wolf Co., 139 Rees St., Chicago, Ill., has prepared plans for a complete brewery for Fred Bauenschmidt, who will receive the estimates. The main building will be three and six stories high, of fireproof construction; cost, $100,000.

Blackwood, N. J.—The Asylum Committee of the Camden County Board of Freeholders is said to be considering plans for improving the Insane Asylum here at a probable cost of $40,000.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Braddock, Pa.—Plans have been prepared for a new three-story borough hall building, to cost $20,000; architect, J. N. Campbell, Penn Building, Pittsburgh.

Buffalo, N. Y.—The Trustees of the First Church of Christ (Scientist) have purchased a block of land at the southwest corner of North St. and Elmwood Ave., and contemplate erecting a new church upon it during the next year or two. Jas. F. Shaw, of 396 Swan St., is one of the most active trustees. No architect has been employed.

Architect A. A. Post has drawn plans for the new Church of the Precious Blood, to be built at Lewis and Lyman Sts., in East Buffalo. The material used will be red brick with cut-stone dressings. The building will be 38′ x 106′, with a basement, and a seating capacity of 400; cost, $13,000.

Carlisle, Pa.—D. R. Miller, of Harrisburg, is preparing plans for the erection of a $30,000 high-school building.

Chicago, Ill.—C. H. Waeker will build a $50,000 residence on N. State St., near Burton Pl., from plans by Shepley, Rutan & Coolidge.

Charles H. Conover is about to build a three-story brick and stone dwell., 50′ x 82′, costing $35,000, on N. State St., near Burton Pl., from plans by Handy & Cady, 172 Washington St.

Jonathan Clark & Sons Co., 4 Sherman St., has been awarded the contract at $700,000 for the construction of the new Schlesinger & Mayer Building; Louis H. Sullivan, architect.

Dallas, Tex.—The B. F. Avery & Sons Plow Co., Louisville, Ky., have decided to erect a five-story brick warehouse and office-building, to cost about $50,000.

Depere, Wis.—The plans of H. J. Van Ryn, of Milwaukee, have been accepted for a high school; probable cost, $15,000.

Duquesne, Pa.—A $20,000 school-house is contemplated.

East Orange, N. J.—Ludlow & Valentine, New York City, are preparing plans for a brick residence, 51′ x 89′, to be built on Munn Ave. for Mr. Archer Brown.

Evanston, Ill.—The St. Mark's Episcopal Church, Rev. A. W. Little, rector, will erect a $15,000 stone rectory after the plans of Holabird & Roche, 1618 Monadnock Block, Chicago.

Fall River, Mass.—Bristol County is to have a $10,000 Jail. Louis G. Destremps, architect.

Louis G. Destremps has prepared plans for an $85,000 school for the R. C. Notre Dame parish.

Gardenville, N. Y.—Architect George J. Metzger, of Buffalo, is preparing plans for a four-story brick home to be built for the Sisters of St. Francis, in this village, one and one-half miles from the city line, and near the Buffalo, Gardenville & Ebenezer Trolley Line. It will be 200′ x 400′ in dimensions, and will have a capacity for 300 persons. It will be fireproof, with slate roof, and cost from $40,000 to $50,000.

Glendale, O.—The citizens have voted to build a $25,000 school-house.

Houston, Tex—Plans have been completed and contracts will soon be let for the erection of a $25,000 edifice for the First German Evangelical Lutheran Church, Rev. W. Blasberg, pastor.

Iowa City, Ia.—Rush, Bowman & Rush, of Grand Rapids, Mich., are preparing plans for the new $80,000 Court-house for Johnson County.

Kansas City, Mo.—Van Brunt & Howe, have prepared plans for a free public bath, to be built by the city.

Leadville, Col.—A $40,000 school-building is being considered by the School Board.

Louisville, Ky.—The Free Masons propose to erect a $100,000 building as a Home for Aged and Indigent Members. J. E. Wilhelm, Grand Master.

Memphis, Tenn.—The Memphis Medical College will erect a new college building, to cost about $60,000.

Monessen, Pa.—A Town-hall, Jail and fire-station is to be erected on Donner Ave. and 4th St., at a cost of about $15,000.

Newport, R. I.—The contract for erecting the City-hall has been awarded to R. W. Curry at $72,052.

Newtown, Pa.—Plans are being drawn for the Friends' Home. The building will cost from $16,000 to $20,000, and will be built of Newtown stone, two and a half and three stories in height, with main front on Congress St. There will be a wing facing Centre Ave.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

New York, N. Y.—The Society for Ethical Culture has purchased the vacant block front in West Central Park, between 63d and 64th Sts., eight lots, and will soon erect thereon a fine structure, in which there will be a meeting hall and ample accommodation for the school of the organization. Including the building to be erected, an investment of about $500,000 is involved. J. D. Lange is President of the Society.

Niles, O.—A $40,000 high-school building is to be erected.

Oberlin, O.—Howard V. Shaw, of Chicago, has prepared plans for a chemical laboratory for Oberlin College; probable cost, $50,000.

Oneida, N. Y.—The plans of Chas. E. Colton, of Syracuse, have been accepted for the Cherry Street School.

Philadelphia, Pa.—Field & Medary are preparing plans for the new stone church for the North Presbyterian Society to be erected at the corner of Broad St. and Allegheny Ave.

Architects Stearns & Cartor have prepared plans for a three-story granite and brick modern club-house, 35′ x 65′, for the Tacony Club, to be erected at Longshore and Marsden Sts. Magistrate Thos. South is Chairman of the Building Committee.

Contractor Allen B. Rorke has taken out a permit to build the exposition buildings for the Philadelphia Museum in West Philadelphia. The cost is $298,000.

Contractor Charles McCaul has signed contracts to erect the new four-story stone and brick parochial residence and two-and-one-half-story school-building for the Roman Catholic Church of St. John the Evangelist, 13th St., above Chestnut St., at an estimated cost of $30,000.

Pontiac, Ill.—The House has passed a bill appropriating $193,000 for the construction of a Normal Training-school at the Pontiac Penitentiary; also a gymnasium, drill-hall and several cottages.

Sacramento, Cal.—The Legislature is stated to have appropriated $40,000 for building a wing at the Southern California State Hospital.

San Francisco, Cal.—The Supervisors have passed a resolution to appropriate about $300,000 for a new hospital.

Sioux Falls, S. D.—Reports state that a $50,000 high-school building is to be erected.

Somerville, Mass.—$15,000 has been appropriated for an addition to the Public Library.

Southbridge, Mass.—It is stated that $16,000 has been voted for an engine-house.

Spartanburg, S. C.—Converse College will erect a new 45′ x 110′ college building, to cost $10,000.

St. Joseph, Mo.—Architects Felt & Carr have prepared plans for a brick and stone residence for William Berguin; hot-water heat and slate roof; cost, $12,500.

Trenton, Tenn.—Reports state that Hugger & Winston, of Brewton, Ala., have secured the contract for the Court-house to be built by Gibson County, at their bid of $30,000. W. Chamberlin & Co., Knoxville, architects.

West Chester, Pa.—The Board of Trustees of the State Normal School held a meeting and decided to erect a model school. The contract was let to Harry M. Burns at $32,000. The building will be of stone, three stories in height, and 60′ x 150′ in dimensions.

Wilkesbarre, Pa.—Plans prepared by F. J. Osterling, architect, Telephone Building, Pittsburgh, have been accepted for the Court-house, to be built by Luzerne County, at a cost of about $450,000.

ALTERATIONS AND ADDITIONS.

Philadelphia, Pa.—*Thirteenth and Tasker Sts.*, two-st'y st. & bk. extension, 42′ x 63′, to Sunday-school; $10,000; o., Reformed Church of the Reconciliation; b., Thos. Rice & Co.

Thirty-fourth and Locust Sts., two-st'y bk. addition to Laboratory of Hygiene of the University of Pennsylvania; $15,000; c., Wm. R. Dougherty.

APARTMENT-HOUSES.

Buffalo, N. Y.—*Elmwood Ave.*, nr. Summer St., three-st'y bk. flat; $25,000; o., Richard H. Stafford; a., Philip & Graves.

Dewitt St. and Delevan Ave., two-st'y fr. store & flat building; $10,000; o., E. L. Magner; a., Swan & Faulkner.

Columbus, O.—*Town and Third Sts.*, three-st'y bk. & st. store & flat building, 44′ x 72′, comp. roof, steam; $18,000; o., Osborn Estate; a., E. W. Hart & Co.

Lexington Ave., three-st'y bk. & st. store & flat, 62′ x 64′, metal roof, steam; $15,000; o., J. A. Weinland; a., Yost & Packard.

Elkhart, Ind.—Three-st'y bk., st. & terra-cotta flat, tin roof, hot water; $12,000; o., Dr. G. Spohn; a., A. H. Ellwood, 105 S. Main St.

New York, N. Y.—*Eighty-eighth St.*, cor. Park Ave., five-st'y bk. & st. flat, 25′ x 77′; $30,000; o., Higgins & King, 1190 Madison Ave.; a., Neville & Bagge.

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BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

One Hundred and Thirty-fourth St., nr. St. Nicholas Ave., five-st'y bk. & st. flat, 25′ x 82′; $22,000; o., Stone & Crawford, 971 Amsterdam Ave.; a., Neville & Bagge.

Robbins Ave., nr. Dater St., 8 four-st'y bk. & st. flats, 25′ x 75′; $104,000; o., John J. Ottstadt; a., F. J. Miller & Co., 164th St. & Boston Ave.

Washington Ave., nr. 179th St., 4 four-st'y bk. flats & stores; $48,000; o., J. A. Lane, 13 Park Row; a., H. A. Reeves.

One Hundred and Thirty-second St., nr. Lenox Ave., five-st'y bk. flat; $22,000; o., Etta Woolf, 64 E. 116th St.; a., Rudolph Werner.

Third Ave., nr. Wendover Ave., 3 five-st'y bk. & st. flats & stores, 25′ x 87′; $66,000; o., K. Niernberg Passaic, N. J.; a., Rudolph Werner.

Eighty-ninth St., cor. Madison Ave., 7 five-st'y bk. & st. flats, various dimensions; $100,000; o., Isaac Meyer, 69 E. 107th St.; a., John Hauser.

One Hundred and Seventeenth St., cor. Madison Ave., 5 five-st'y bk. & st. flats; $120,000; o., Isaac Meyer, 69 E. 107th St.; a., John Hauser.

BUILDING INTELLIGENCE.

(*Apartment-Houses Continued.*)

Washington Ave., nr. 171st St., 2 four-st'y bk. & st. flats, 25′ x 95′; $44,000; o. & b., Abe. Solomon, 138th St., nr. Alexander Ave.; a., Rudolph Werner.

One Hundred and Thirty-third St., nr. Lenox Ave., six-st'y bk. & st. apart., 25′ x 86′ 6″; $28,000; o., Louis Lese, 231 E. 60th St.; a., John Hauser, 1441 Third Ave.

Broadway, cor. 101st St., seven-st'y bk. & st. apart., 65′ x 100′; o. & b., Dongan & Taylor, 79 W. 18th St.; a., Janes & Leo, 165 Boulevard.

Eighty-ninth St., nr. Columbus Ave., 2 six-st'y bk. & st. flats, 25′ x 82′; $36,000; o., Louis Stroka, 258 Delancy St.; a., Horenburger & Straub.

CHURCHES.

Boston, Mass.—*Dorchester Ave.*, cor. Rosemont St., Ward 24, fr. church, 55′ x 90′, pitch roof, furnace; $10,000; o., Rt. Rev. J. J. Williams; b., Thomas H. Hanlon; a., Maginnis, Walsh & Sullivan.

EDUCATIONAL.

Boston, Mass. — *Sunnyside Ave.*, nr. Centre St.,

BUILDING INTELLIGENCE.

(*Educational Continued.*)

Ward 22, bk. school, 60′ x 95′, flat roof, steam; $40,000; o., Rt. Rev. J. J. Williams, Rev. Arthur T. Connolly in charge, 365 Centre St.

Chicago, Ill. — *Evans Ave., No.* 4930, four-st'y bk. convent, 200′ x 227′; o., Roman Cath. Bishop of Chicago; b., Frank Burke; a., Egan & Prindville.

St. Louis, Mo. — *W. Pine St.*, four-st'y bk. & st. private school, 70′ x 178′; $55,000; o., St. Louis University, Grand & Pine Sts.; c., C. A. Mueller & Bros.; a., Louis Wessbecher.

HOSPITALS.

Brooklyn, N. Y. — *Kingston Ave.*, cor. Butler St., three-st'y bk. home, 56′ x 80′, flat roof, steam heat; $25,000; o., Brooklyn Home for Aged Colored People, 1888 Atlantic Ave.; a., E. A. Stone, 1364 Dean St.

Des Moines, Ia. — 2½-st'y bk. & st. structure for a Home for the Aged, 170′ x 170′, slate roof, steam; $50,000; a., Liebbe, Nourse & Rasmussen; not let.

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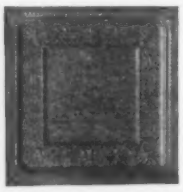

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Whitehall, Wis. — Two-st'y bk., st. & iron County Insane Asylum, 125′ x 200′; $40,000; o., Trempealeau County; a., John Charles, Menominee. Bids close April 20.

HOTELS.

Algonia, Ia. — Three-st'y bk. hotel, 60′ x 128′, flat roof, steam; $20,000; o., O. B. Durdall; a., C. E. Eastman Co., Des Moines.

Brooklyn, N. Y. — *Bushwick Ave. and Vandeveer St.*, two-st'y fr. hotel; $10,000; o., Ernest Hoffman, 91 De Sales Pl.; a., H. Vollweiler, 483 Hart St.

De Pere, Wis. — Three-st'y bk. & st. hotel, 63′ x 70′, gravel roof, steam; $10,000; o., August Knosler; a., D. M. Harteau, Green Bay.

Sleepy Eye, Minn. — Three-st'y bk. hotel, 50′ x 75′, flat roof, steam; $15,000; o., Carl Berg.

Williamsport, Pa. — Four-st'y steel-fr. bk. & terra-cotta hotel, 74′ x 100′, slate roof, steam; $20,000; o., Sam'l B. Harman; a., T. P. Reitmeyer.

HOUSES.

Bernardville, N. J. — 2½-st'y fr. dwell.; $11,000; o., M. Appleton; a., Wm. S. Post, 33 E. 17th St., New York City.

BUILDING INTELLIGENCE.

(*Houses Continued.*)

Boston, Mass. — *W. Fourth St., Nos.* 189-191, 2 four-st'y bk. dwells., 21′ x 50′, flat roofs, stoves; $15,000; o., Jos. J. Cliff; b., F. J. Linehan & Co., 6 Baxter St.

Mt. Pleasant Ave., nr. Dudley St., Ward 17, 9 three-st'y bk. dwells., various dimensions, flat roofs, steam; $75,000; o., Jas. W. Woodward; b., H. P. Cummings & Co., 166 Devonshire St.

Linwood St., nr. Highland St., Ward 21, 4 three-st'y bk. dwells., 23′ x 61′, flat roofs, stoves; $25,000; o. & b., Mark Lewis, 43 Irving St.

Bay State Road, No. 119, Ward 11, four-st'y bk. & st. dwell., 26′ x 70′, flat roof, steam; $23,000; o., E. W. Burdett; b., W. A. & H. A. Root; a., Winslow, Wetherell & Bigelow.

Burrell St., nr. Norfolk Ave., Ward 17, 2 three-st'y bk. dwells., 22′ x 45′, flat roofs, stoves; $12,000; o., Annie Kelley; b., H. D. Kelley.

Bowdoin St., nr. Hamilton St., Ward 20, 8 three-st'y bk. dwells., 25′ x 55′, flat roofs, stoves; $50,000; o. & b., John O'Brien, 23 Court St.

Allston St., nr. Centre St., Ward 24, two-st'y fr. dwell., 26′ x 51′, pitch roofs, furnace; $4,700; o., Mary A. Sundberg; b., C. E. Sundberg, 125 Norfolk St.

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Fenelon St., nr. Washington St., Ward 25, 2 three-st'y fr. dwells., 26′ x 53′, flat roofs, hot water; $10,000; o., A. M. Glennie; b., Hugh McLeod.

Roxbury St., nr. Malbon Pl., Ward 18, 2 two-st'y fr. dwells., 20′ x 28′, flat roofs, stoves; $6,000; o., Sarah B. Parker; a., Sam'l D. Kelley.

Bowdoin Sq., nr. Westville St., Ward 20, two-st'y fr. dwell., 26′ x 42′, pitch roof, furnace; $4,000; o. & b., Herbert A. Merry, 160 W. Selden St.

Adams St., nr. Rozella St., Ward 24, two-st'y fr. dwell., 25′ x 40′, pitch roof, furnace; $4,000; o. & b., W. Ashford Lent, 6 Hopestill Ave.

King and Train Sts., Ward 24, 2 two-st'y fr. dwells., 25′ x 40′, pitch roofs, furnaces; $8,000; o. & b., W. Ashford Lent, 6 Hopestill Ave., Dorchester.

Talbot Ave., nr. Brent St., Ward 24, two-st'y fr. dwell., 25′ x 40′, pitch roof, furnace; $4,000; o. & b., W. Ashford Lent.

Tonawanda St., nr. Greenbriar St., Ward 20, 2½-st'y fr. dwell., 27′ x 46′, pitch roof, furnace; $5,000; o. & b., C. A. Hall, 424 Washington St., Dorchester.

Stanton St., nr. Evans St., Ward 24, 2½-st'y fr. dwell., 25′ x 39′ 6″, pitch roof, furnace; $4,500; o. & b., A. L. Potter, 65 Stanton St., Dorchester.

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Columbus Ave., nr. Terry St., Ward 18, 3 three-st'y dwells. with stores, 20′ x 43′, flat roofs, stoves; $12,000; o., J. C. Haynes; a., G. W. Pope's Sons, 440 Columbus Ave.

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Bay Twentieth St., nr. Benson Ave., 2½-st'y fr. dwell.; $5,000; o., Wm. C. Pengel; a., Fred. C. Watson, 97 Liberty St., New York City.

Avenue C, cor. Ocean Ave., 4 three-st'y bk., st. & terra-cotta dwells.; $20,000; o., Charles J. Bohme, 1132 Flatbush Ave.; a., A. White Pierce, 1127 Flatbush Ave.

Chicago, Ill. — *Ellis Ave., No.* 4932, three-st'y bk. dwell., 43′ x 49′; $12,000; o., H. R. Watson; b., S. J. Nihlean; a., Wilson & Marshall.

Winthrop Ave., 3 two-st'y fr. dwells., 22′ x 47′; $12,000; o., J. L. Cochran; b., W. A. Carlson; a., Church & Jobson.

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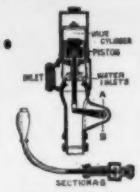

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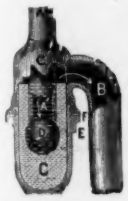

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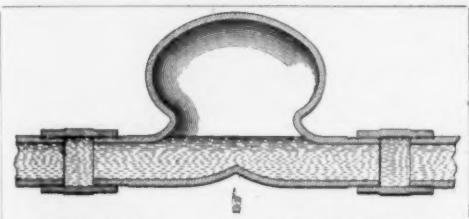

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Elberon, N. J.—*Norwood Ave.*, two-st'y st. & fr. dwell.; $7,000; o., P. Sanford Ross, Jersey City; a., H. E. Reeve, Prudential Building, Newark.

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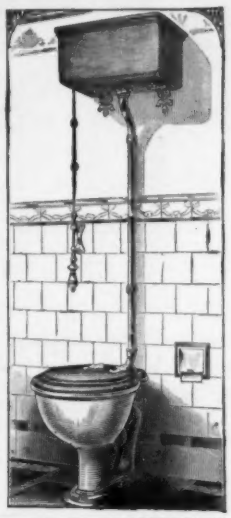

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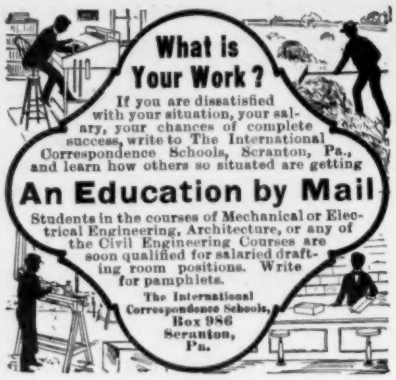

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Philadelphia, Pa. — *Thirty-third St. and Moreland Ave., Wissahickon Heights*, two-st'y bk. & st. stable, 16′ 8″ x 46′; $3,000; o., Wm. J. Latta; c., Chas. McCaul.

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Philadelphia, Pa. — *N. Seventh St., No.* 21, four-st'y bk., & terra-cotta store-building, 20′ x 70′; o., Benj. F. Teller & Bro.; c., Chas. McCaul; a., J. F. Stuckert & Son.

Van Wert, O. — Four-st'y st. building for a wholesale grocery, 66′ x 132′, asphalt roof, steam; $50,000; o., Humphreys & Hughes; c., H. F. Remp.

MISCELLANEOUS.

Boston, Mass. — *North St., No.* 34, Ward 6, five-st'y bk. & st. cold-storage building, 42′ x 50′ x 160′, flat roof, $75,000.

Buffalo, N. Y. — *Broadway*, five-st'y steel-fr. st. & bk. brewery, 46′ x 200′, asphalt roof, steam; $108,000; o., People's Brewery Co.; a., A. E. Baxter, 945 Ellicott Sq.

Elgin, Ill. — Three-st'y st. & bk. publishing-house, 48′ x 130′, flat roof, steam; $15,000; o., German Baptist Brethren Church; a., N. E. Beeser, Mount Morris.

COMPETITIONS.

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., April 17, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of May, 1899, and then opened, for the erection and completion (except heating apparatus and electric wire conduits and wiring) of the "Kitchen & Restaurant" building and the "Disinfection, Bath-house and Laundry" building at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent of Repairs U. S. Court-house and Post-office building, New York City. JAMES KNOX TAYLOR, Supervising Architect.
1218

Treasury Department, Office Supervising Architect, Washington, D. C., April 3, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of May, 1899, and then opened, for the heating and ventilating apparatus for the U. S. Post-office building at Brockton, Mass., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent of the above-named building. JAMES KNOX TAYLOR, Supervising Architect.
1217

HYDRAULIC CEMENTS. [At Washington, D. C.]

Office of the Commissioners, D. C., Washington. Sealed proposals will be received at this office **until May 6, 1899**, for furnishing 40,000 barrels, more or less, natural hydraulic cements. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C.
1218

STOREHOUSE. [At Fort Hancock, N. J.]

Office Constructing Quartermaster of Fort Hancock, N. J., Army Building, Whitehall St., New York City. Sealed proposals will be received here **until May 1, 1899** for the construction of an Ordnance Storehouse and a Lavatory Building at Fort Hancock, N. J.
1217

DRY DOCK. [At Mare Island, Cal.]

Sealed proposals will be received at the Bureau of Yards and Docks, Navy Department, Washington, **until June 10, 1899** for the construction of one timber dry dock at the Navy Yard, Mare Island, Cal. MORDECAI T. ENDICOTT, Chief of Bureau.
1217

HEATING. [At Hallock, Minn.]

Plans and specifications are wanted **May 9** for heating the Court-house and Jail. G. A. GUNNERSON, Co. Aud.
1217

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The following . . .
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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."

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

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

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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.

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

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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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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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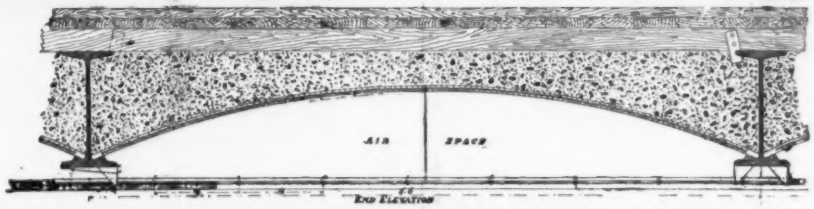

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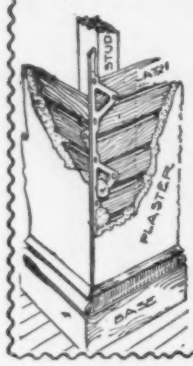

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" " (Hanover)	2 50 @ 3 00		2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	@	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
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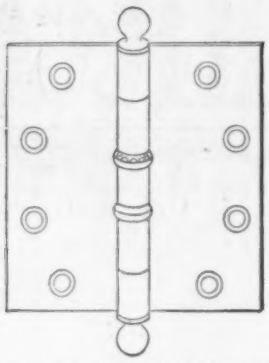

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Block	@	4 60 ℔ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 00 @ 1 30	1 50 ℔ cub. ft.	1 05 @ 1 25
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Berea "	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	@	@ 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			@	℔ 75 @ 1 50
Serpentine		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℔ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (℔ *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 (℔ *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. ℔ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ℔ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea 13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 50	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℔ 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 ℔ 125.	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	{ 30″ $35 @ 40
Cedar split ℔ M		@ 6 00	*Not sold.*	{ 24″ 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	{ 20″ 35 @ 14
Cypress. Split. 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

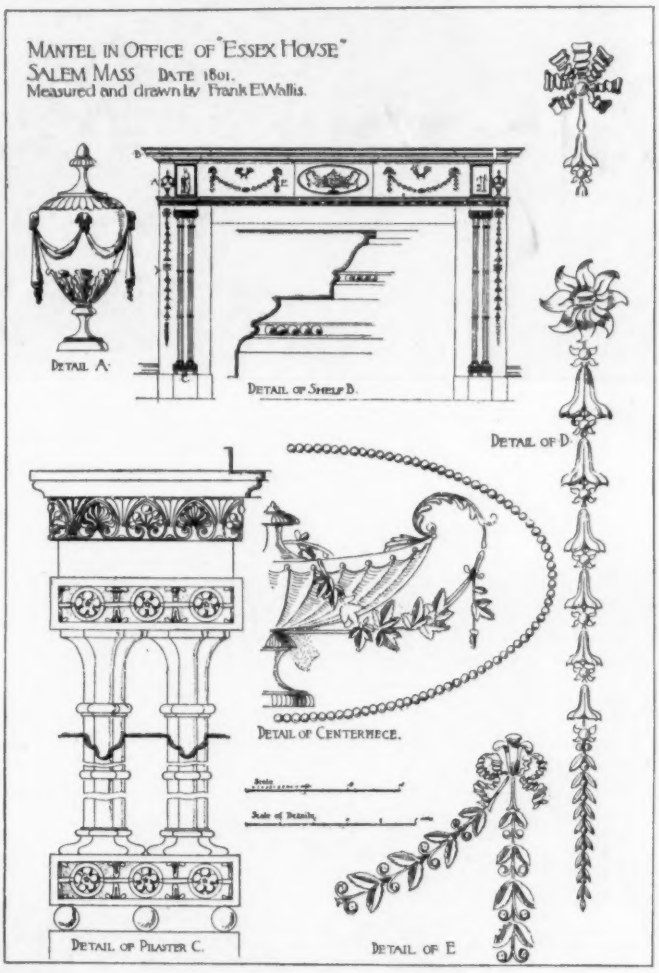
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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

[121 plates, 10 x 14½ inches.]

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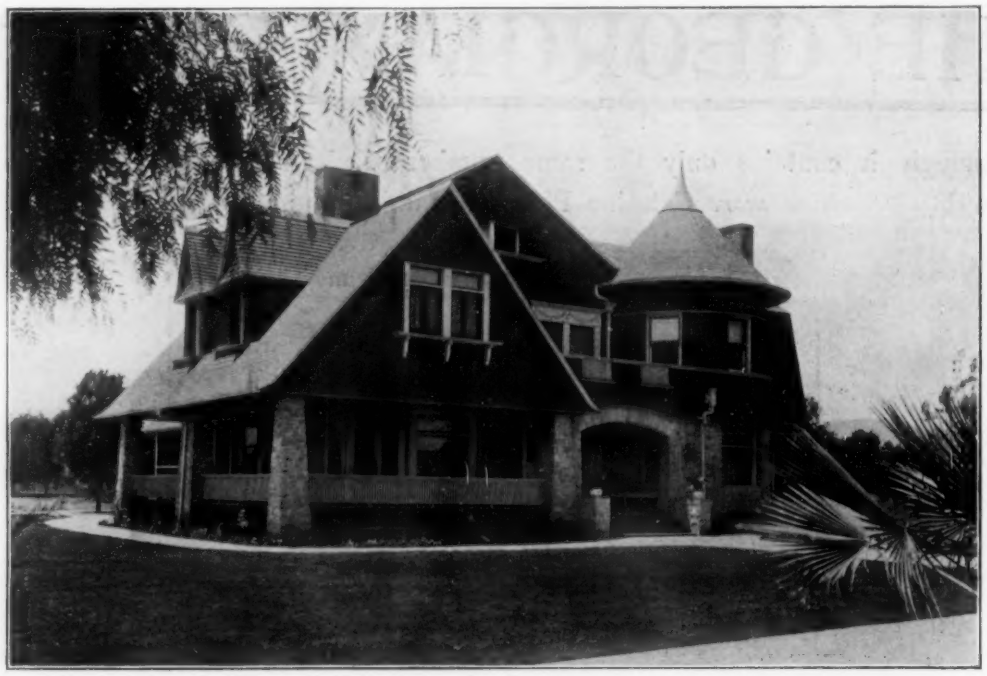

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IN the elaborate heating and ventilating system devised by Professor Woodbridge for this vast structure

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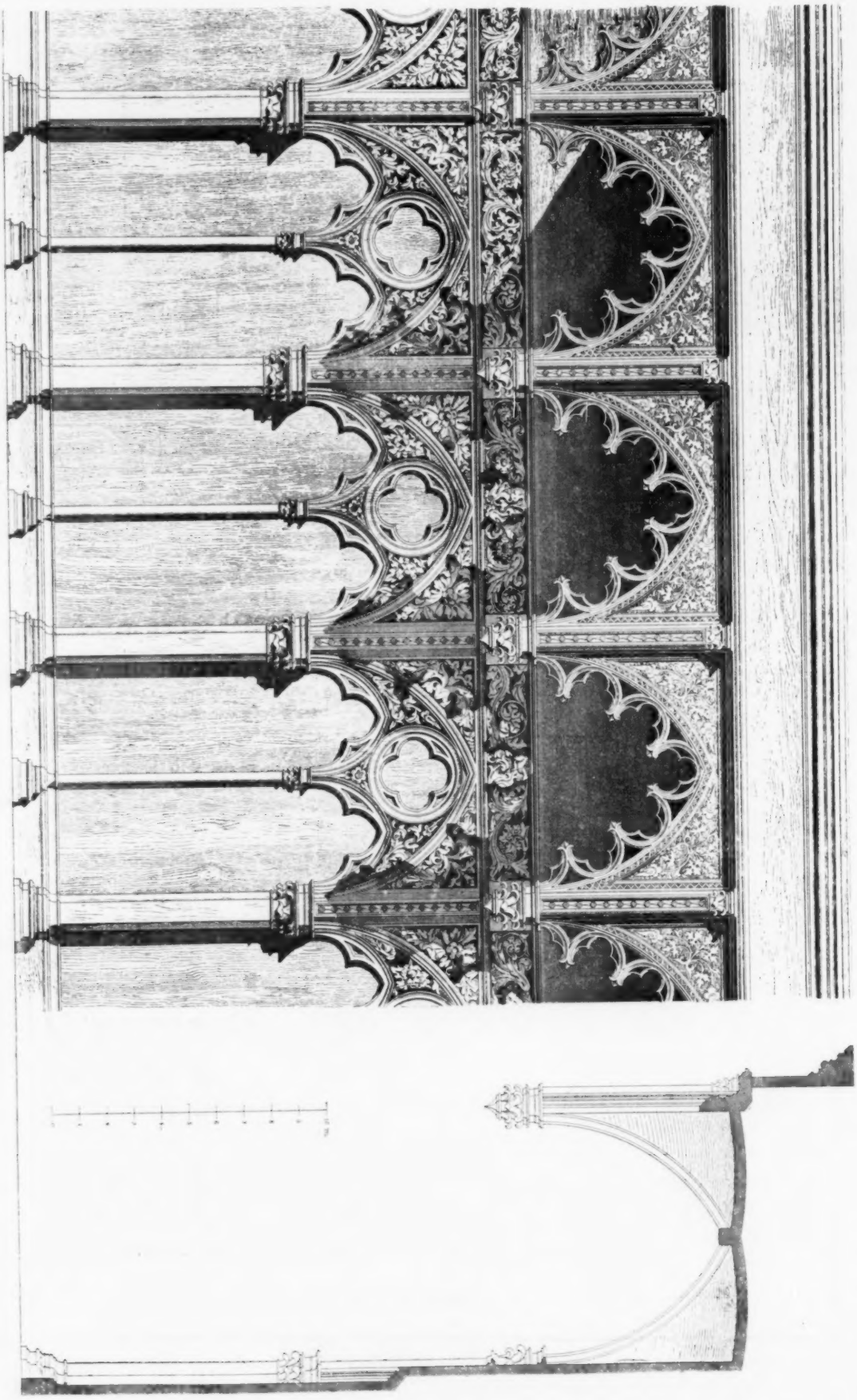

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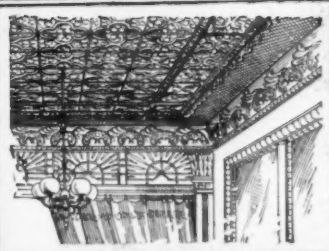

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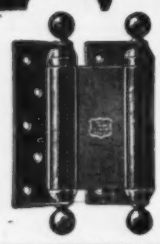

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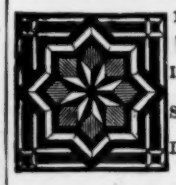

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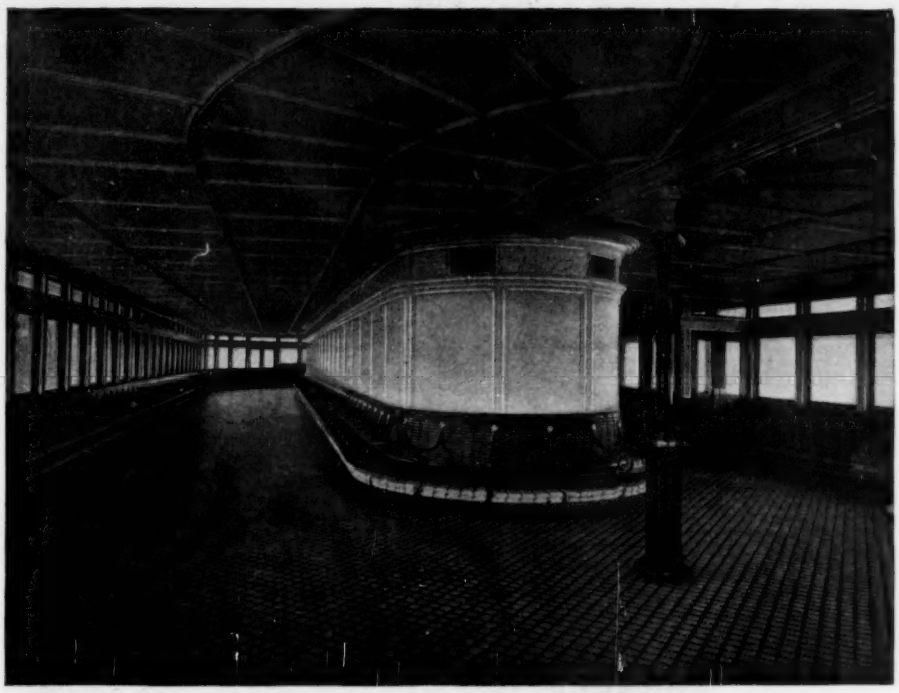

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CALDWELL MFG. CO. (Rochester, N. Y.), Sash Balance. Page x.
W. D. DUNNING (Syracuse, N. Y.), Plaster Mixer. Page xvi.

See last or next issue for the following advertisements: —

Bower Trap and Specialty Co., The
Cudell, F. E.
Dwight Lumber Co.
Flexible Door & Shutter Co.
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WANTED.

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

623,138. HEATING APPARATUS. — Chas. H. Crocker, Portland, Me.
623,141. APPARATUS FOR STARTING ELECTRIC ELEVATORS. — David H. Darrin, Cranford, N. J.
623,142. ELECTRIC ELEVATOR-SWITCH. — David H. Darrin, Cranford, N. J.
623,192. STONE-CUTTER'S MAUL. — John A. Tulloch, Duluth, Minn.
623,236. WINDOW-LOCK. — Theophilus Criswick, Bridgend, Eng.
623,247. FIREPROOF MATERIAL. — Charles L. H. de Hundertmark, Paris, France.
623,260. WINDOW. — Frank Schoenfeldt, Chicago, Ill.
623,261. MACHINE FOR MANUFACTURING BUILDING-TILES. — James B. Seager, Chicago, Ill.
623,266. BLIND-FASTENER. — Sylvenus Walker, Boston, Mass.
623,269. SCAFFOLD. — Louise M. Wilber, Buffalo, N. Y.
623,272. SECTIONAL WOOD COLUMN. — Fred C. Brooks, Paterson, N. J.
623,286. FASTENER FOR SHUTTERS OR DOORS. — Henry T. Moody, Newburyport, Mass.
623,305. MEANS FOR PREVENTING SPREAD OF FIRE. — Rasmus Buggé, London, Eng.
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623,311. WATER-CLOSET. — Geo. B. Howell, Philadelphia, Pa.

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623,365. WINDOW-GUARD. — George W. Golden, Detroit, Mich.
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623,369. EAVES-TROUGH HANGER. — Wm. Heib, Akron, O.
623,385. FIREPROOF AWNING AND CURTAIN. — James A. Sprinkel, Chicago, Ill.
623,408. FURNACE ATTACHMENT. — Geo. M. Lindsay and George Saunders, Andover, Mass.
623,438. FIREPROOF STRUCTURE. — Geo. Sprickerhoff, New York, N. Y.
623,441. AUTOMATIC FIRE AND BURGLAR ALARM. — Henry E. Thompson, Cameron, N. C.
623,478. AIR-INLET VALVE FOR SEWERS. — Fred'k C. Keene, Bournemouth, Eng.
623,492. FIREPROOF STRUCTURE AND MATERIAL THEREFOR. — John M. Stimpson, Boston, 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.

Adel, Ia. — Proudfoot & Bird, architects, of Des Moines, will prepare plans for an asylum for Dallas County; cost, $15,000.

Allegan, Mich. — Report states that a $20,000 high school will be erected here.

Baltimore, Md. — Benjamin F. Newcomer has given the Hospital for Consumptives in this city $10,000 for the purchase of a hospital site.

Brookline, Mass. — The citizens have voted to appropriate $50,000 for the erection of the Pierce Grammar School.

Buffalo, N. Y. — W. L. Schmolle, 607 Ellicott Sq., is preparing plans for a two-story brick house to be built for Oscar Meyer on Bidwell Parkway. It will be of buff brick with terra-cotta trimmings and slate roof; cost about $10,000.

A. A. Post, 701 Mooney-Brisbane Building, has plans for a new edifice for the Church of the Precious Blood, to be erected at Lewis and Lyman Sts.; cost, about $13,000.

Butte, Mont. — W. E. Donovan has prepared plans for a $30,000 church for the Mountain View M. E. Society.

Central City, Col. — The County Commissioners have decided to erect a $25,000 Court-house.

Centredale, R. I. — Architect D. Howard Thornton, of Providence, is preparing plans for an Episcopal Church to be built here.

Charlton, Ia. — St. Andrew's Church Society will erect a new edifice.

Chelsea, Mass. — It is stated that plans have been prepared by Wm. Hart Taylor, 296 Boylston St.,

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Boston, for a $40,000 brick building for the Chelsea Y. M. C. A.

Chicago, Ill.—George Williams will erect a $70,000, three-story pressed-brick and stone apartment-building, 123′ x 150′, at the northeast corner of Jefferson Ave. and 54th Pl., from plans by L. E. Stanhope, The Temple.

The directors of the Irving Park Club have decided to rebuild their club-house at N. 42d Ave. and Irving Park Boulevard, which was recently destroyed by fire. The new building will cost about $30,000.

The Trustees of the Eighth Presbyterian Church are considering the erection of a $35,000 edifice.

Cincinnati, O. — The Directors of the German Deaconess Home & Hospital will erect a $40,000 hospital.

Clinton, Ill.—Gottschalk & Beadle, Galesburg, have prepared plans for a $14,000 church.

Colorado Springs, Col.—The Finance Corporation have secured plans and are about erecting a $250,000 hotel. Manager Elstun, formerly of the Antlers Hotel, has been engaged to run it.

Cranston, R. I.—The citizens have voted to erect a $20,000 school.

Danville, Ill.—Plans have been prepared for a $10,000 addition to the high-school building.

Decatur, Ill. — It is stated that W. O. McNabb has prepared plans for a $20,000 church.

Denver, Col. — It is said that the Governor has signed a bill appropriating $40,000 for a new wing to the Insane Asylum.

East Orange, N. J. — Ludlow & Valentine, New York City, are preparing plans for a brick residence, 51′ x 89′, to be built on Munn Ave. for Mr. Archer Brown.

Ludlow & Valentine, New York City, are preparing plans for a two-and-one-half story brick and frame dwelling, to cost $13,000, for Mr. L. F. S. MacLenose and to be erected on Munn Ave.

Gowanda, N. Y. — Esenwein & Johnson have prepared plans for a three-story brick addition to the high school. The estimated cost is $10,000.

Grand Forks, N. D.— Charles S. Sedgwick, Minneapolis, Minn., is preparing plans for a dormitory to be erected by the North Dakota University. It will be 43′ x 96′, three stories, brick and cut stone; cost, $8,000.

Hancock, Mich. — J. R. Dee is about to erect a $25,000 business building.

Holyoke, Mass. — The plans of G. P. B. Alderman have been accepted for a $20,000 church for the German Lutheran Society.

Huntington, W. Va. — Report states that a $12,000 addition will be erected to the State Normal School.

Indianapolis, Ind. — Plans have been prepared by Vonnegut & Bohn, Indiana Trust Building, for the new Hebrew Temple; cost, $30,000.

Janesville, Wis. — St. Mary's Catholic Church will erect a church to cost complete about $25,000, to seat about 1,000. It will be constructed of brick.

Jeffersonville, Ind. — The Legislature has appropriated $200,000 for new buildings at the Indiana Reformatory. C. E. Shiveley, Pres.

Kansas City, Mo. — Swofford Bros. contemplate building a $150,000 wholesale store. Shepard & Farrar, architects, New Ridge Building.

Knoxville, Ill.—Plans are being prepared by Warren H. Hayes, Sykes Block, Minneapolis, Minn., for a new church, to be erected here by the Presbyterian Society, to cost about $10,000.

Lafayette, Ill. —Plans for a brick and stone school-building have been prepared by Gottschalk & Beadle, Galesburg.

Lawrence, Kan. — John G. Haskell is preparing plans for the new $40,000 chemistry building for the Kansas University.

Leadville, Col. — A $40,000 school-building is contemplated.

Lincoln, Neb. — It is said that the Governor has signed the bill appropriating $40,000 for a building at the Insane Hospital.

Little Rock, Ark. — A bill has been passed by the Legislature providing for the erection of a new State capitol at a cost not to exceed $1,000,000, and now awaits the Governor's signature. The new capitol is to be erected on the site of the present penitentiary, which will be removed beyond the city limits.

Marshall, Minn. — The Angus McLeod Co., 411 S. 6th Ave., Minneapolis, secured the general contract to erect the high school, at $40,000; W. B. Dunnell, architect.

McKeesport, Pa.—Jacob S. Weiskercher will build a $35,000 hotel from plans by Thomas H. Scott, Pittsburgh.

Andrew Carnegie has offered $50,000 for a Public Library building, providing the citizens furnish the site. The offer has been made through the Woman's Club, of which Mrs. Fred Crabtree is president.

Fred C. Sauer, architect, 613 Hamilton Building, Pittsburg, has prepared plans for a six-story brick and stone hotel, to be built by James Evans, at a cost of about $80,000.

Milwaukee, Wis. — The congregation of Grace Lutheran Church will erect a new edifice on the site of the old building, corner of Broadway and Juneau Ave. About $30,000 will be raised for the purpose, of which $23,000 has already been subscribed.

Moline, Ill. — Plans for a $25,000 school-building have been accepted.

New Comerstown, O. — Two new school-buildings costing $15,000 are to be built.

New Haven, Conn. — A brick building is to be erected by the Y. W. C. A. at Chapel and Brewery Sts.; cost, $24,000. Wm. H. Allen, architect, 82 Church St.

Noblesville, Ind.—$25,000 has been voted for a new school-building.

North Adams, Mass. — The directors of the Berkshire Cotton Co. of Adams have decided to add to their present plant a mill of 100,000 spindles, which will cost in the neighborhood of $1,500,000. A tract of land comprising about seven acres was recently purchased by the company. Work on the plans has been started and W. B. Plunkett is at the head of the concern.

Omaha, Neb. — The First Baptist Society contemplates the erection of a new church at 35th and Farnam Sts., to cost about $20,000. The church will be constructed of granite. Rev. Dr. Vyrnwy Morgan, pastor.

Ottumwa, Ia. — The Presbyterian Church is considering plans for the new church, to cost complete $12,000.

Piqua, O. — Wing & Mahurin, of Fort Wayne, Ind., have designed drawings for a new church for the St. James Episcopal Society, to be erected here, to cost about $15,000, Rev. A. Ramsey, pastor.

Pittsburgh, Pa. — It is stated that a $1,750,000 addition is to be erected to the Carnegie Library.

Princeton, N. J. — It is stated that a $30,000 building is to be erected for the College Y. M. C. A.

Pullman, Wash. — George W. Bullard, of Tacoma, will prepare plans for the new college buildings. Science Hall will be 80′ x 170′, three-story, and Ferry Hall will be 90′ x 140′, three-story and basement, both of pressed brick and sandstone; cost, $100,000.

Raleigh, N. C. — Nicholas Ittner, of Atlanta, Ga., has received the contract for the Free Library Hall, at $25,000.

Richmond, Va. — The American Tobacco Co. is to erect a $35,000 factory on E. Cary St.; Albert F. Hunt, architect.

Superior, Wis. — The plans of J. Chisholm and R. J. Haxby, associate architects, are being prepared for the new high-school building. The cost is limited to $19,000.

Toledo, O. — Plans have been prepared for a $30,000 church for St. Anne's Catholic Society, Rev. J. H. Muhlenbeck, pastor.

The plans of E. O. Fallis have been accepted for the $150,000 Y. M. C. A. Building.

Watertown, Mass. — Plans have been drawn by McKay & Dunham, Devonshire Building, Boston, for a $60,000 church for the Baptist Society.

Wilkinsburg, Pa. — E. S. Peffer has secured the contract for the erection of the new church for the First Presbyterian Society at this place. The cost is estimated at $75,000.

Worcester, Mass. — Architects Earle & Fisher are preparing plans for a large dormitory building to be erected for Henry D. Perky.

Architect L. W. Briggs is preparing plans for a private residence to be erected on Lennox St., for Mr. Fred Mann.

Architect W. H. Harvey is preparing plans for a two-story frame residence to be erected for W. H. Bartlett at Shrewsbury.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Clinton Ave.*, nr. Myrtle Ave., four-st'y bk. & st. flat, 25′ x 93′; $12,000.

Chicago, Ill.—*Sixty-fifth St. and Yale Ave.*, 2 three-st'y st. & bk. flats, 39′ x 52′ & 39′ x 82′, comp. roof; $20,000; o., Mrs. M. M. Keefe, 6501 Yale Ave.; a., Stiles & Stevens, 103 Hartford Building.

BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

Jackson Boulevard and Whipple St., three-st'y & base. bk. & st. flat, 44′ x 62′, comp. roof, steam; o., Angelo M. Puzzo, 78 S. Whipple St.; a., Iver C. Zarbell.

Glenville, O. — *St. Clair and Victoria Sts.*, four-st'y steel-fr. st. flats, 60′ x 80′, flat roof, steam; $30,000; o., Richard J. Birch; a., Steffens, Searles & Hirsh; not let.

Newton, Mass. — *Centre St.*, Ward 7, four-st'y bk. stores & aparts., 42′ x 84′, steam; $30,000; o., R. C. Taylor; b., H. F. Ross Co.

Washington St., Ward 7, four-st'y bk. stores & aparts., steam; $50,000; o., R. C. Taylor; b., H. F. Ross & Co.

New York, N. Y. — *Park Ave.*, nr. 81st St., seven-st'y bk. & st. flats, 52′ x 87′; $75,000; o., Jeremiah C. Lyons, 81 E. 125th St.; a., Cleverdon & Putzel.

Union Ave., cor. 168th St., 5 four-st'y bk. flats; $70,000; o., Mr. Kennedy; a., F. J. Miller & Co., 974 Boston Ave.

Brook Ave., cor. 146th St., 6 five-st'y bk. flats; $140,000; o., John D. Hassinger; a., W. C. Dickerson.

One Hundred and Thirteenth St., nr. 3d Ave., 6 five-st'y bk. & st. flats, 26′ 6″ x 88′ & 28′ x 82′; $160,000; o., August Jacob, 549 W. 149th St.; a., John Hauser.

One Hundred and Twenty-fourth St., nr. Amsterdam Ave., 7 five-st'y bk. & st. flats, 25′ x 86′; $185,000; o., Susan Goldreyer, 319 E. 72d St.; a., Geo. F. Pelham.

Eagle Ave., nr. 163d St., 2 five-st'y bk. & st. flats, 25′ x 92′; $50,000; o., August Jacob, 549 W. 149th St.; a., John Hauser.

Eighth Ave., nr. 141st St., 2 five-st'y bk. & st. flats, 25′ x 86′; $50,000; o., George Robinson, 224 W. 114th St.; a., Neville & Bagge.

Pittsburgh, Pa. — *East End*, twelve-st'y steel-fr. bk. apart., 80′ x 110′, tile roof, steam; $200,000; o., Highland Apartment House Co.; a., E. M. Butz & Co.

Toledo, O. — *Ashland Ave. and Irving St.*, two-st'y bk. & st. flat, 60′ x 65′; $30,000; o., A. Chesbrough; a., G. S. Mills, Gardner Building.

Worcester, Mass. — *Trumbull Sq.*, five-st'y bk. flats; $50,000; o., Kelly & Delehenty; c., John Loftus; a., Barker & Nourse.

CHURCHES.

Detroit, Mich. — *Frederick St.*, bk. church, 80′ x 125′, slate roof, steam; $20,000; o., St. Andrews

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BUILDING INTELLIGENCE.

(*Churches Continued.*)

Presbyterian Society, 460 Frederick St.; a., Spier & Rohns.

Erie, Pa. — Bk. church; $45,000; o., St. John R. C. Society; a., A. Druiding & Co., Chicago, Ill.

Menomonie, Wis. — One-st'y bk. church, 47′ x 125′, shingle roof, hot air; $10,000; o., St. Joseph's R. C. Society; a., J. S. Govin.

Pine Bluff, Ark. — Bk. church, 80′ x 120′; $15,000; o., Baptist Society; a., R. H. Hunt, Chattanooga, Tenn.

EDUCATIONAL.

Hampton, Va. — Two-st'y bk. school, 60′ x 100′; $12,000; o., Town, W. T. Daugherty, clerk; a., Jas. W. Lee.

Washington, Ia. — Two-st'y & base bk. building for high school & ward school, 82′ x 92′ & 48′ x 56′; $24,000; o., Independent School District; a., Weary & Hahn, 141 Stephenson St., Freeport, Ill.

BUILDING INTELLIGENCE.

(*Educational Continued.*)

West Superior, Wis. — Three-st'y bk. & st. school, 68′ x 90′; $27,000; o., Board of Education; a., Chisholm & Haxby.

FACTORIES.

Worcester, Mass. — *Foundry St.*, one-st'y bk. machine-shop, 60′ x 150′; $20,000; o., W. H. Inman; b., H. D. Hadley; a., Geo. H. Clemence.

Greendale St., three-st'y wall-paper factory, 60′ x 400′; $28,000; o., Allen Wall Paper Co.; c., E. J. Cross; a., Chapin & Parker.

HOSPITALS.

Carthage, O. — Two-st'y bk. & steel hospital building, 120′ x 225′, slate roof, steam; $50,000; o., Hamilton County Board of Directors, Longview Hospital; a., Gustave W. Drach, Cincinnati.

HOUSES.

Blue Point, L. I., N. Y. — One-st'y fr. & st. dwell., 30′ x 50′; $60,000; o., Chas. W. Lynde; a., Child & De Goll, New York City.

BUILDING INTELLIGENCE.

(*Houses Continued.*)

Brooklyn, N. Y. — *Hancock St.*, nr. Ralph Ave., 4 two-st'y bk. dwells., 19′ x 45′, flat roofs, hot air; $18,000; o. & b., Daniel McDicken, 237 Sumpter St.

Fort Hamilton Ave. and Sixtieth St., 10 two-st'y st. dwells., 20′ x 50′; $50,000; o. & b., Charles Hart, De Graw St. & 4th Ave.

W. Prospect Park, cor. 5th St., 5 four-st'y bk. & st. dwells.; $30,000; o., Charles Hart, Sr., De Graw St. & 4th Ave.

Park Pl., nr. Brooklyn Ave., three-st'y bk. dwell., 36′ x 57′, iron roof, steam; $16,000; o., John Bently, 1461 Pacific St.; b., H. B. Moore; a., Herbert Brewster.

Fifty second St., nr. 5th Ave., three-st'y bk. dwell., 17′ x 50′; $6,000; o., Wm. McCormack, 33d St. & 3d Ave.; a., T. Bennett.

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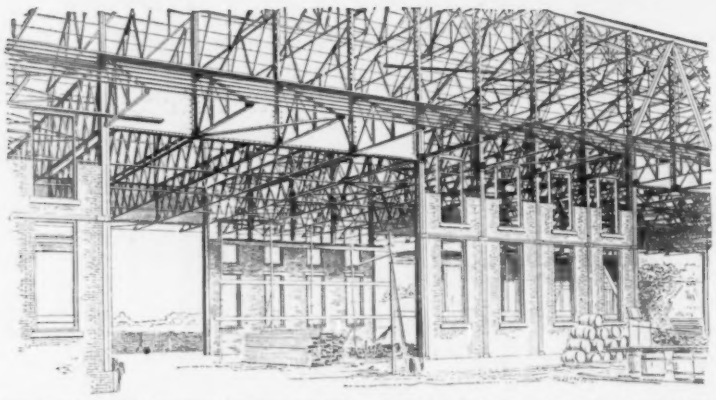

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(*Houses Continued.*)

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Rosedale St., nr. Washington St., Ward 20, two-st'y fr. dwell., 34′ x 36′, pitch roof, furnace; $4,500; o. & b., G. S. Haddock; a., C. A. Russell, 46 Warren St.

Fisher Ave., nr. Buckman St., Ward 22, two-st'y fr. dwell., 25′ x 45′, pitch roof, stoves; $5,500; o., E. Ferris, 69 Heath St.; a., S. Rantin & Son.

Bunker Hill St., Nos. 179-181, Ward 3, two-st'y fr. dwell., 20′ x 23′ x 63′, flat roof, stoves; $3,500; o., Chas. W. Alden, 175 Bunker Hill St.; a., Jos. Robbins.

Columbia Road, nr. Seaver St., Ward 20, 2½-st'y fr. dwell., 16′ x 28′ x 62′, pitch roof, furnace; $4,500; o., M. W. Colpitts; a. & b., F. H. Colpitts, 56 Malvern St., Dorchester.

Shawmut Ave., Nos. 722-724, Ward 18, 2 two-st'y bk. dwells., 22′ x 23′ x 45′, flat roofs, stoves; $12,000; o. & b., Wm. White, 13 Minot St.; a., F. A. Norcross.

Lincoln St., No. 2, Ward 4, two-st'y bk. dwell., 26′ x 31′, flat roof, stoves; $4,000; o. & b., Albert Rafuse; a., McFarland, Libby & Smith, 7 Exchange Pl.

Newark, N. J. — *High St., No.* 199, three-st'y bk. dwell.; $7,000; o., Emil J. Bein; a., Henry Baechlin.

Newark, O. — Three-st'y bk. dwell., 44′ x 68′, tile roof, steam; $20,000; o., John Swisher.

Somerville, Mass. — *Bradley St.*, nr. Walter St., two-st'y dwell., 31′ x 41′, gambrel roof, furnace; $4,800; o., Geo. R. Bradford; a. & b., Wilbur S. Clark, 40 Vinal Ave.

South Orange, N. J. — 2½-st'y fr. dwell., 31′ x 43′; $9,000; o., John R. Weeks, 44 Broadway, New York City; a., A. C. Longyear, New York City.

2½-st'y fr. & st. dwell., 36′ x 45′; $8,000; o., John J. McGovern; a., Henry D. Havell, Newark.

St. Louis, Mo. — *McMillan Ave.*, nr. Taylor St., 2 two-st'y bk. & st. dwells., 38′ x 52′, comp. roofs, furnaces; $9,000; o., Mrs. Isabella Kretschman; a. & b., Lozer Building Co., Emilie Building.

Westmoreland Pl., three-st'y bk. & terra-cotta dwell., 56′ x 91′, slate roof, steam; $80,000; o., Edward Whitaker; a., E. C. Jansen, 506 Olive St.

Worcester, Mass. — *Suffolk St.*, three st'y fr. dwell.; $4,000; o. & b., Eric Erricson.

Fairmont Ave., three-st'y fr. dwell., 26′ x 47′; $4,000; o., Rufus W. Richards; b., Jas. O. Romkey.

Sagamore Road, two-st'y fr. dwell., 28′ x 42′; $3,500; o., H. O. Hudson; a., L. W. Briggs.

Richmond Ave., two-st'y fr. dwell., 31′ x 52′; $4,000; o. & b., Minard Wood.

Cambridge St., two-st'y fr. dwell., 28′ x 50′; $3,500; o., Mrs. Eliza Crake; a., W. H. Harvey; b., Dorais & Dupuis.

Chapin St., two st'y fr. dwell., 28′ x 58′; $4,000; o. & c., Charles Gerrity.

Cleveland Ave., two-st'y fr. dwell., 34′ x 36′; $3,500; o., Mary O. Rice; a., A. E. Warner.

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New York, N. Y. — *Park Row, No.* 3 and *Ann St., No.* 5, six-st'y bk. & st. building; o., August Belmont *et als.*; a., R. H. Robertson.

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Newark, N. J. — *Bank and Halsey Sts.*, ten-st'y bk., st. & iron store & office-building, 20′ x 114′; $135,000; o., F. J. Wood; a., Hurd & Sutton.

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STABLES.

Boston, Mass. — *Wareham St., No.* 63, Ward 9, two-st'y bk. stable, 24′ x 34′, flat roof, stoves; $1,500; o., J. W. Morrison; b., G. W. Morrison, 65 Wareham St.

BUILDING INTELLIGENCE.

(*Houses Continued.*)

000; o., James Burke, 73 Greene Ave.; a., J. L. Young.

Cambridge, Mass. — *Prospect St.*, 5 three-st'y fr. dwells., 33′ x 38′; $25,000; o. & b., George Chaplin.

Chicago, Ill. — *Winthrop Ave., Edgewater*, three-st'y bk. & fr. dwell., 40′ x 40′, shingle roof, furnace; $6,500; o., E. L. Clark; a., John E. Youngberg, 185 Dearborn St.

Boston, Mass. — *Washington St., Nos.* 437-439, Ward 20, 2 two-st'y bk. dwells., 25′ x 28′ x 67′, flat roofs, steam; $15,000; o., Martha J. Kearney, 435 Washington St., Dorchester; a. & b., E. E. Schooley.

Heath St., nr. Huntington Ave., Ward 19, two-st'y bk. dwell., 23′ x 52′, flat roof, stoves; $6,000; o. & b., B. Davis & Co., 1115 Tremont St.; a., J. F. & G. H. Smith.

Train St., nr. King St., Ward 24, two-st'y fr. dwell., 25′ x 40′, pitch roof, furnace; $4,000; o., a. & b., W. A. Lent, 6 Hopestill Ave.

Sachem St., nr. Hillside St., Ward 19, 2½-st'y fr. dwell., 25′ x 53′, pitch roof, stoves; $5,500; o., Michael Lamb; a. & b., M. McPherson, 75 Day St.

Congreve St., nr. South St., Ward 23, two-st'y fr. dwell., 29′ x 49′, pitch roof, furnace; $6,000; o., Hattie H. Rich; a. & b., Peter Schneider, 14 Egleston St., Jamaica Plain.

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Kenwood Road, nr. Brookline Ave., Ward 19, 2½-st'y fr. dwell., pitch roof, furnace; $4,500; o., P. F. Kelley, 46 Hillside St.; a., R. A. Watson.

Cowen St., No. 8, Ward 20, two-st'y fr. dwell., 26′ x 43′, flat roof, furnace; $5,000; o., a. & b., P. O'Hearn, 14 Arcadia St.

Canterbury St., nr. Hyde Park Ave., Ward 23, 2½-st'y fr. dwell., 25′ x 50′, pitch roof, furnace; $5,000; o., Herman Wolf; a., J. Luippold & Son.

Columbia Road, nr. Dorchester Ave., Ward 16, 12 two-st'y fr. dwells., 10′ x 23′ x 63′, flat roofs, stoves; $70,000; o., a. & b., John P. Leahy, 30 Court St.

Kenwood Road, nr. Huntington Ave., Ward 19, two st'y fr. dwell., 28′ x 51′, pitch roof, furnace; $6,000; o., a. & b., J. C. Spillane, 8 Cobden St.

Kenwood St., nr. Allston St., Ward 20, two 2½-st'y fr. dwells., 20′ x 53′, pitch roofs, furnaces; $10,000; o., Isaiah Nickerson, 255 Park St., Dorchester; a., Greenleaf & Cobb.

Bennington St., No. 615, Ward 1, two-st'y fr. dwell., 25′ x 52′, flat roof, stoves; $3,500; o., W. R. Fairclough; a. & b., Wm. M. Fairclough, 617 Bennington St.

Bowen St., Nos. 172-174, Ward 13, 2 two-sty fr. dwells., 22′ x 34′, flat roofs, stoves; $8,000; o., Laura E. Williams; a. & b., G. F. Williams, 21 Moseley Ave., Dorchester.

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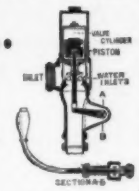

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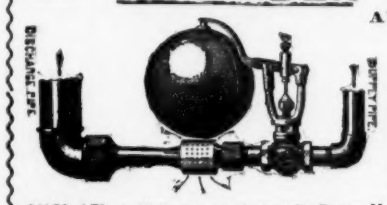

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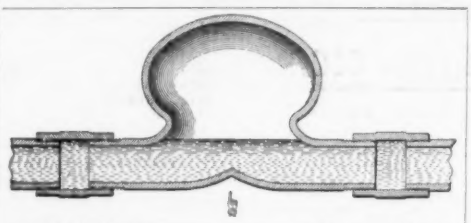

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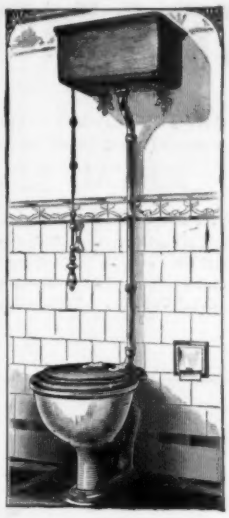

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(*Warehouses Continued.*)

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Worcester, Mass. — *Main St.*, four st'y bk. warehouse; $12,000; o., John E. Day; a., Louis Plack, Jr.

COMPETITIONS.

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1/8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., April 24, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of May, 1899, and then opened, for all the masonry-work, roof-covering, etc., for the U. S. Post-office, Court-house, etc., building at San Francisco, Cal., in accordance with the drawings and specification, copies of which may be obtained at this office or at the office of the Superintendent at San Francisco, California. JAMES KNOX TAYLOR, Supervising Architect. 1219

Treasury Department, Office Supervising Architect, Washington, D. C., April 22, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 22d day of May, 1899, and then opened, for the plumbing, marble and slate work for the main buildings at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had at this office or the office of Boring & Tilton, Architects, 32 Broadway, New York City. JAMES KNOX TAYLOR, Supervising Architect. 1219

Treasury Department, Office Supervising Architect, Washington, D. C., April 18, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of May, 1899, and then opened, for the heating and ventilating apparatus required for the main buildings at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had at this office or the office of Boring & Tilton, Architects, 32 Broadway, New York City. JAMES KNOX TAYLOR, Supervising Architect. 1219

Treasury Department, Office Supervising Architect, Washington, D. C., April 17, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of May, 1899, and then opened, for the erection and completion (except heating apparatus and electric wire conduits and wiring) of the "Kitchen & Restaurant" building and the "Disinfection, Bath-house and Laundry" building at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent of Repairs U. S. Court-house and Post-office building, New York City. JAMES KNOX TAYLOR, Supervising Architect. 1218

Treasury Department, Office Supervising Architect, Washington, D. C., April 8, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of May, 1899, and then opened, for the heating and ventilating apparatus for the U. S. Post-office building at Brockton, Mass., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent of the above-named building. JAMES KNOX TAYLOR, Supervising Architect. 1218

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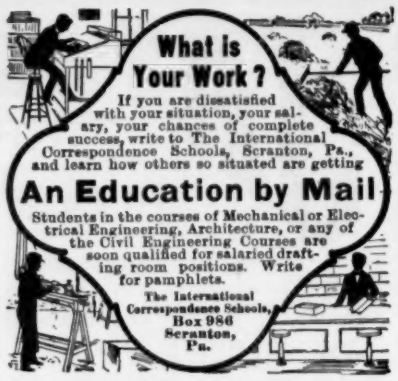

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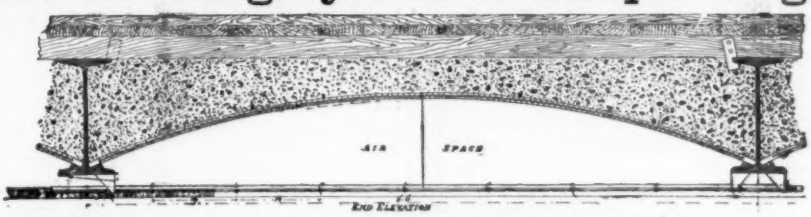

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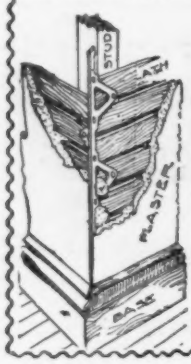

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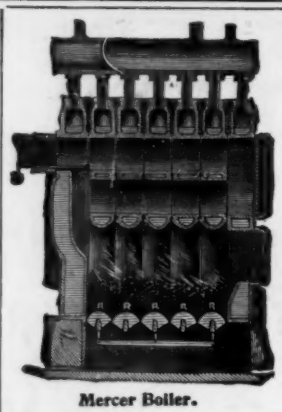
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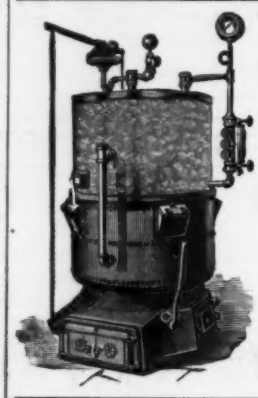

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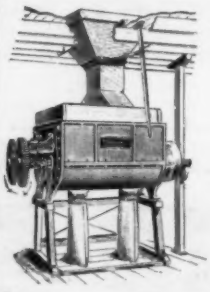

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Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 110 00			
CEMENT, LIME, etc. (₱ *cask.*)				
Rosendale Cement	65 @ 75	5 00 @ 1 00	*Not sold.*	1 30 @ 1 50
Louisville "		@	75 @ 1 00	S.H.Fa'l 1 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	*Not sold.*	@	75 @ 1 00	@
Portland, Eng. (Gibbs)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00		2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50	@	2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	B'ks, Shoobridge & Co.,	@	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	English 2 30	@	Josson
" " (Lagerdofer)	@	2 75 @ 3 00	2 60 @ 2 90	2 60 @ 2 75
" " (Dyckerhoff)	2 75 @ 3 00		3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	@	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	3 50 @ 4 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	@ 7 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50	8 00 @ 9 00	9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Tell	@ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@		25 @ 30
Chicago Lime in bulk	St. John		45 @ 55	White Mash
Wisconsin Lime	@		45 @ 55	1 25 @ 1 50
Rockland and Rockport, (Com.).	@ 85	@ 90	*Not sold.*	1 00 @ 1 00
Rockland, finish	@ 95	@ 95	*Not sold.*	
Kelley Island Lime, finish	@	@	1 00 bulk, 75c.	
State, Com. cargo rates	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
Plaster-of-Paris (calcined)	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) ₱ *bush*	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat)	17 @ 19	@ 30	20 @ 25	30 @
Sand, ₱ *load*	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

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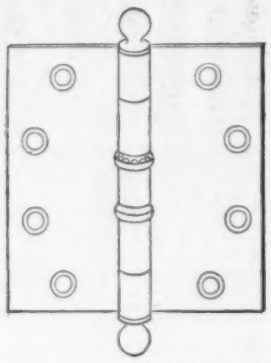

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Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ foot	@ 5 00
Block	@	4 60 ₱ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
Brown (Connecticut)	1 00 @	1 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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	@a13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	@ 2 50	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30″ $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split.....7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

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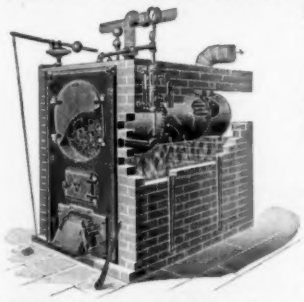

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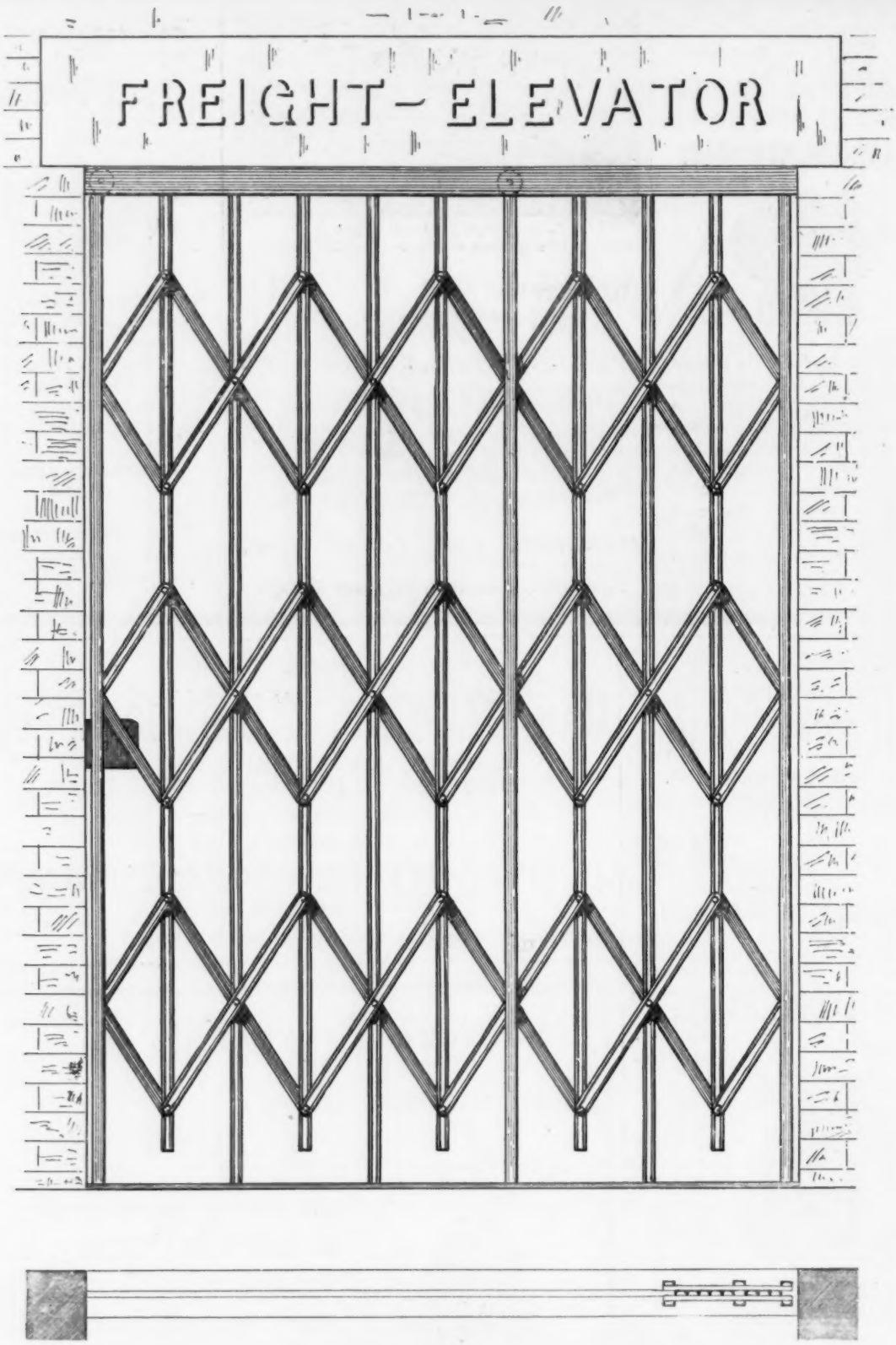

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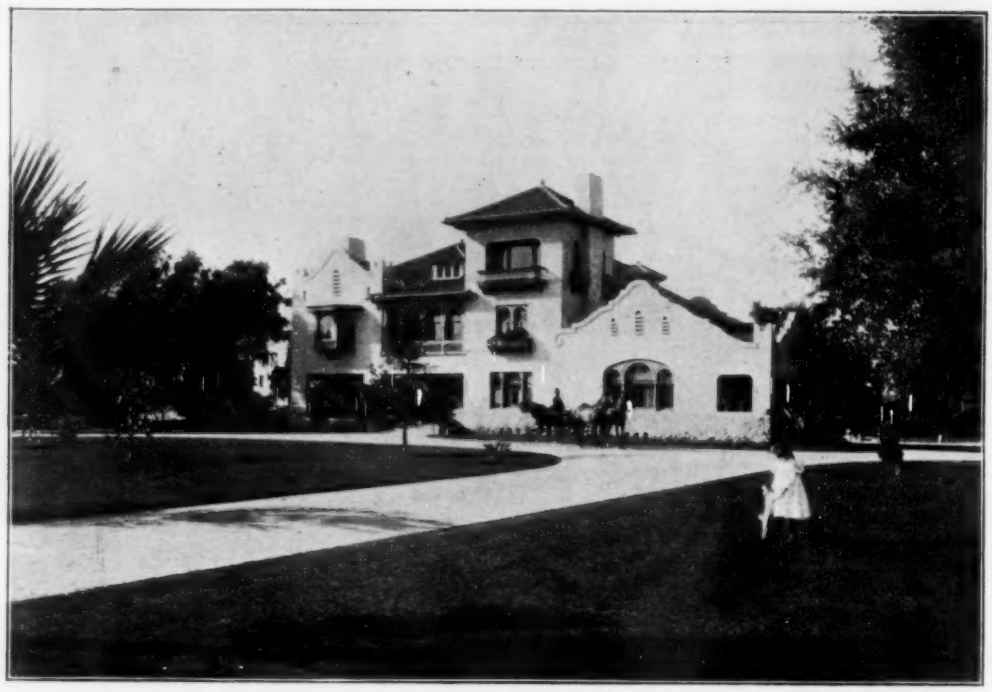

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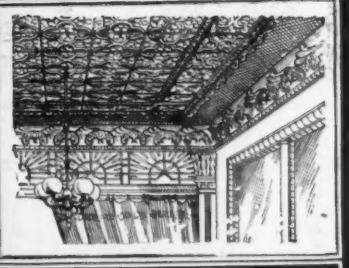

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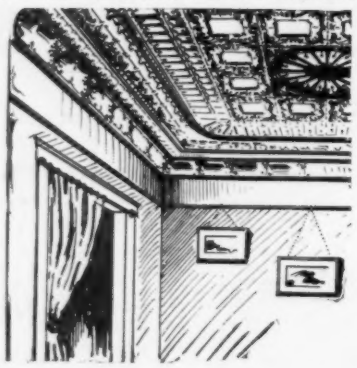

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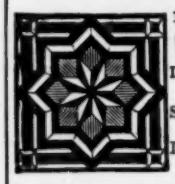

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New Advertisements.

VANCE BOILER WORKS (Geneva, N. Y.), Heating Boiler. Page iii.
COLUMBIAN MARBLE QUARRYING CO. (Rutland, Vt.), Marble. Page i.

See last or next issue for the following advertisements: —

Barron, Boyle & Co.
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Butcher Polish Co.
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623,609. Radiator. — John W. Lang, Toronto, Can.
623,620. Sash-Lock. — Joseph R. Payson, Chicago, Ill.
623,626. Sink or Basin Trap. — Levi Rasco, Whitinsville, Mass.
623,660. Hoisting and Air-Lock Apparatus for Caissons. — Byron Goldsborough, New York, N. Y.
623,663. Safety Elevator-Brake. — William Hay, New York, N. Y.
623,715. Vapor-Heating System. — Plummer J. Henderson, Rochester, N. H.
623,731. Catch-Basin or Inlet for Sewers. — Benjamin F. Nicholas, Harrisburg, Pa.
623,796. Fire-Escape. — William H. Logan, Louisville, Ky.
623,850. Locking Device for Elevators. — Theophilus Van Kannel, Philadelphia, Pa.
623,877. Shutter Bower and Bolt. — Amos Breneman, East Petersburg, Pa.
623,890. Sash-Lift. — James H. Dickerson, Danville, Va.
623,901. Elevator. — Joseph Hadfield, New York, N. Y.
623,904. Construction of Metal-Concrete-Arch Bridges. — Howard V. Hinckley, Topeka, Kan.
623,917. Weather-Strip. — George W. Krebs, Conway Springs, Kan.
623,919. Method of Treating Tiles. — Charles F. Lawton, Albert L. Lawton and Arthur W. Lawton, Washington, D. C.
623,920. Die for Brick or Tile Machines. — Friedrich D. T. Lehmann, Chicago, Ill.
623,926. Lock-Hinge. — James W. Neal, Roanoke, Va.
623,952. Blind-Hinge. — Geo. W. Fernald, Needham, Mass.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Albany, N. Y. — It is stated that Marcus F. Reynolds, 59 N. Pearl St., has prepared plans for a $50,000 office-building for the Albany Ry. Co.

Allegheny, Pa. — The Eighth United Presbyterian Society have decided to erect a $24,000 church. John C. Park, Secy.

Altoona, Pa. — Charles M. Robinson, 1910 W. Chestnut Ave., has drawn plans for a $20,000 church for the Grace Lutheran Society.

Birmingham, Ala. — Drennen & Co. are about to erect a five-story brick and stone department-store on 2d Ave.; cost, $60,000.

Birmingham, Ia. — An $8,000 school-building is to be erected.

Boston, Mass. — An eight-story brick mercantile building is to be erected on the corner of Chauncey and Essex Sts., at a probable cost of $150,000. Plans by Winslow, Witherell & Bigelow, 3 Hamilton Pl.

It is stated that the Massachusetts Horticultural Society will erect its new building on Huntington and Massachusetts Aves.; estimated cost, $250,000.

Brooklyn, N. Y. — St. James's parish is to build a church, costing about $60,000, J. Cralk Morris, curate, 32 St. James Pl.

Buffalo, N. Y. — A new three-story brick school-building will be erected at Lovejoy and Gold Sts.; cost, $50,000.

The new building for the Manufacturers' and Traders' Bank will be erected on Main St., near Swan St. It will be three stories high, and the front will be of white granite; estimated cost, $100,000.

Chattanooga, Tenn. — Report states that a company has been formed to build a cotton-yarn mill; cost, $125,000.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Chicago, Ill. — It is stated that the Ling Gymnastic Club contemplates the erection of a $30,000 gymnasium and club-house, at N. Clark St. and Sheffield Ave. Plans have been drawn by John W. Lawson, 1535 Aldine Ave.

Thos. McCall, Lake Ave. and 53d St., has drawn plans for a $50,000 apartment-building, to be erected in this city.

The Governor is said to have signeda bill appropriating $100,000 for the erection of an armory on the Lake Front.

Chippewa Falls, Wis. — It is stated that Judge Marshall will erect a $20,000 opera-house.

Clarion, Pa. — Press reports state that Charles M. Robinson, 1910 W. Chestnut Ave., Altoona, is at work on plans for the new County Home to be built by Clarion County, at a cost of $50,000.

Connellsville, Pa. — It is stated that a library is to be erected costing $50,000.

Council Bluffs, Ia. — Cox & Schoentgen, St. Louis, Mo., have prepared plans for the $60,000 high-school building, to be erected on Oakland Ave.

Des Moines, Ia. — Proudfoot & Bird have drawn plans for a Hospital for Insane, to be located in Dallas County; cost, $15,000.

Detroit, Mich. — A stock company has been formed, known as the Jefferson Building Company, for the purpose of erecting a $500,000 hotel, 200′ x 200′, on the corner of Jefferson and Woodward Aves. Mortimer L. Smith & Son, 78 Home Bank Building, architects.

Galesburg, Ill. — Plans have been drawn by Gottschalk & Beadle for the new library building; cost, $40,000.

Grand Rapids, Mich. — It is stated that Hauser, Hayden & Owen have received the contract for the erection of a four-story brick cold-storage building, 100′ x 100′, on S. Ottawa St., for John Caulfield; cost, $25,000.

Guthrie, O. T. — President J. T. House of the Oklahoma Congregational College has received from Miss Julia Gilbert, of Middletown, Conn., a check for $25,000 for the erection of a boys' dormitory.

Hebron, Me. — Mrs. Phebe Sturtevant, of Jamaica Plain, Mass., is to erect a $70,000 dormitory here as a gift to Hebron Academy.

Independence, Kan. — H. M. Hadley, 627 Kansas Ave., Topeka, has prepared plans for the high-school building. It will be constructed of brick and stone, and will cost $50,000.

BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

Indianapolis, Ind — The Mayflower Congregational Society contemplate erecting a $20,000 church.

Kansas City, Mo. — Plans have been prepared by Root & Siemens for a dormitory for the Fayette Methodist College. The cost will be $25,000.

Rudolph Markgraf, 818 Wyandotte St., has prepared plans for a $75,000 flour-mill to be erected for John Kelly.

Lenox, Mass. — Press reports state that Wm. D. Sloane is to build a fine residence for his daughter, who lately married Mr. John M. Hammond, and has purchased 250 acres of the Highland Stock Farm for that purpose.

Little Rock, Ark. — Lasker Bros. are to erect a three-story brick and granite store building on Main and 6th Sts; cost, $30,000. Rome Harding, 12 Kahn Building, architect.

Louisville, Ky. — The Second English Lutheran congregation will build a new church on Jefferson St.; cost, $25,000.

Madison, Wis. — Report states that Claude & Starck have prepared plans for a three-story brick and stone apartment-house on Lake Mendota, for the Gay Land Co.; cost, $50,000.

Memphis, Tenn. — It is reported that a ten-story office-building is to be erected by the Commercial Building Co., at a cost of $350,000.

Milwaukee, Wis. — Report states that the Gaslight Co. has sold its building site at Wisconsin and Jackson Sts., to the Milwaukee Trust Co. This company will erect a $35,000 building, two stories, 60′ x 120′.

It is stated that Sumkf & Langhoff will erect a $25,000 store and office building at Grove and National Aves., after plans by O. C. Uehling. It will be brick with stone trimmings, 52′ x 100′, four stories, with steam heat.

F. B. Marshall has prepared plans for a $20,000 building for the Luening Conservatory of Music, to be built by Mr. Meacham on 8th St. and Grand Ave. It will be three-story, 44′ x 80′, of stone and pressed brick.

Minneapolis, Minn. — Plans for a five-story fire-proof addition, 85′ x 110′, to the Chamber of Commerce have been prepared by W. M. Kenyon; cost, $90,000.

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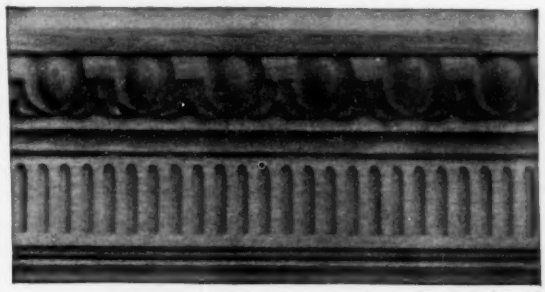
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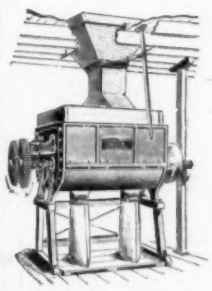
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239 W. Water St. .... SYRACUSE, N. Y.

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Plans have been prepared by Wm. M. Kenyon for the new freight terminal for the Soo Line; cost, $50,000.

The Chamber of Commerce has accepted the Thos. Lowry proposition to have erected a large building on the corner of 2d Ave. and 4th St., costing $800,000.

New York, N. Y.— Flemer & Koehler, 1 Broadway, have prepared plans for a hospital for the Beth-Israel Hospital Association, to be erected on Cherry and Jefferson Sts.; cost, $100,000.

The Woman's Hospital, at Lexington Ave. and 50th St., is soon to be torn down and replaced by a new hospital, a six-story building of stone and brick, to cost about $600,000, with an equipment of the building of something over a million. The building will be of the French Renaissance style.

Oshkosh, Wis.—A three-story addition will be made to the Normal School this summer; cost, $25,000.

Ottumwa, Ia.—Adolphus Busch, of St. Louis, Mo., contemplate erecting a $100,000 hotel.

Philadelphia, Pa.—The contract for the nine-story granite and brick warehouse and office-building at the corner of 17th and Filbert Sts., for the Bell Telephone Co., has been awarded Charles McCaul, 10 N. 11th St.; cost, $250,000.

Pittsburgh, Pa.—The Third United Presbyterian Society has decided to erect a $40,000 church.

Portland, Ore.—It is stated that the plans of R. H. Miller have been accepted for a $40,000 school.

Poughkeepsie, N. Y.—Vassar College is to have a new chapel. The donors, Mrs. Mary Thaw Thompson, '77 and Mrs. Mary Seymour Pratt, '80, act conjointly in the gift.

Punxsutawney, Pa.—Plans for a new $25,000 church have been drawn by C. M. Robinson, 1910 W. Chestnut Ave., Altoona, for the M. E. Society.

Richmond, Va.—Noland & Baskerville have prepared plans for a hospital to be erected by Dr. Hunter McGuire on Grace and Harrison Sts.; cost, $25,000.

It is reported that alterations are to be made to the Academy of Music, costing $25,000; J. B. McElfatrick & Son, of New York City, architects.

Plans have been prepared by Messrs. Noland & Baskerville, and a $40,000 residence will be erected on W. Franklin St., for Mr. J. Skelton Williams.

Rochester, N. Y.—J. F. Warner, 1036 Granite Building, has completed plans for a six-story fireproof hotel to be built on N. Clinton St., at a cost of $275,000.

The Comhill M. E. Society is to erect a $22,000 church. J. B. Loomis, Chmn. Bldg. Com.

Salt Lake City, Utah.—Harry W. Jones, Minneapolis, Minn., has prepared plans for a three-story brick and stone flat-building to be erected here by John Deere, of Moline, Ill. It will be 165′ x 165′, and will cost about $80,000.

San Francisco, Cal.—Report states that J. Behlow may erect a theatre on Geary St., to cost, with the land, $400,000.

Sparta, Wis.—It is stated that buildings to cost $15,000 will be erected on the County Farm.

Spokane, Wash.—A $100,000 fireproof building is to be erected by F. L. Clark and Chas. Sweeney.

Springfield, Mass.—Plans have been prepared by

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

H. C. Brocklesby, of Hartford, for a $30,000 gymnasium for Mt. Holyoke College.

Stanley, Wis.—It is stated that the Government will erect a school-house, dormitories and other buildings on the Lac Court D'Orielles reservation. The cost will be about $60,000.

Steilacoom, Wash.—The Washington Hospital for Insane is to have a $35,000 addition; J. G. Proctor, architect.

St. Paul, Minn.—A $25,000 chapel for St. Joseph's Academy is to be erected at Western and Nelson Aves.; E. J. Donahue, architect.

Alterations and repairs costing $35,000 are to be made to the market-house on 7th and Wabasha Sts.

Herman Kretz & Co., Life Insurance Building, have prepared plans for a $40,000 building, to be erected by the Wm. Lindike Land Co., on Robert St.

Tionesta, Pa.—James M. Nixon, Titusville, has been awarded the contract for the Forest County Home, at $20,000. C. M. Robinson, 1910 W. Chestnut St., Altoona, is the architect.

Ypsilanti, Mich.—A new City-hall will be erected here costing $10,000.

Youngstown, O.—Plans have been completed for the new depot to be erected by the Erie R. R. Co.; cost, $100,000.

CHURCHES.

Decatur, Ill.—*W. William St.*, two-st'y st. church, 60′ x 80′, slate roof, steam; $20,000; o., Christian Society; a., W. O. McNabb.

Minneapolis, Minn.—*Crystal Ave.*, cor. James Ave., two-st'y st. church, 50′ x 106′, slate roof, hot water; $40,000; o., Trustees Forest Heights M. E.

BUILDING INTELLIGENCE.

(*Churches Continued.*)

Church; a., W. S. Pardee, 2109 Ilion Ave., N. Minneapolis.

Moline, Ill.—Two-st'y bk. & st. church, 80′ x 120′, slate roof, steam; $25,000; o., Congregational Society; a., Gottschalk & Beadle, Holmes Building, Galesburg.

EDUCATIONAL.

Allegheny, Pa.—*East St.*, two-st'y & base. bk. & st. school, 41′ x 97′, slate roof; $20,000; o., Board of Education; a., V. Wyss-Thalman, Bissell Block.

Charlotte, N. C.—*B and Ninth Sts.*, two-st'y bk. & st. school, 80′ x 110′, slate roof, steam; $20,000; o., City of Charlotte; a., Frank P. Milburn.

Cleveland, O.—*Genesee and Decker Aves.*, four-st'y bk. high school, 100′ x 235′, slate roof, fan heat; $150,000; o., Board of Education; a., F. S. Barnum.

Elgin, Ill.—Two-st'y bk. school, slate roof; $30,000; o., Board of Education; a., Turnbull & Jones.

Philadelphia, Pa.—*Thirty-fourth St.*, ab. Wharton St., three-st'y bk. school, 53′ x 76′; $30,000; o., Board of Education; c., Sam'l Gourley.

HOUSES.

Boston, Mass.—*Elmo St., Nos.* 69-73, Ward 20, 3 three-st'y bk. dwells., 20′ x 40′, flat roofs, stoves; $12,000; o. & b., George M. Fernald, Hyde Park.

Radnor Road, nr. Foster St., Ward 25, 2½-st'y fr. dwell., 40′ x 62′, pitch roof, hot water; $6,500; o., Daniel W. Hyde, 15 Court Sq.; b., W. P. Furbush.

Spencer St., nr. Wheatland Ave., Ward 20, 2½-st'y fr. dwell., 27′ x 50′, pitch roof, furnace; $5,000; o., K. F. Sullivan, 50 Millet St.; b., McKinnon Bros.

Albermarle St., nr. St. Botolph St., Ward 10, 12 three-st'y bk. dwells., various dimensions, flat roofs, steam; $50,000; o. & b., Israel Nesson, 150 St. Botolph St.

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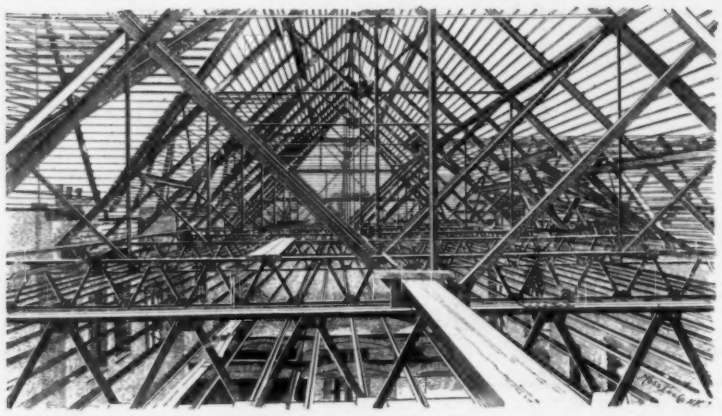

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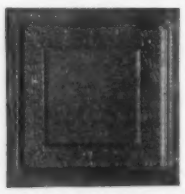

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(*Houses Continued.*)

Bay State Road, Ward 11, four st'y bk. dwell., 21′ x 45′, flat roofs, furnaces; $12,000; o., Louise Bosworth; b., Stephen Bre nan.

Huntington Ave., *Nos.* 886-896, Ward 19, 6 three-st'y bk. dwells., 20′ x 23′ x 55′, flat roofs, stoves; $35,000; o., Davis A. Spivah; b., J. Foternick, 47 Court St.

Cobb St., *Nos.* 6-12, Ward 9, 4 four-st'y bk. dwells., 22′ x 50′, flat roofs, stoves; $25,000; o., Israel Sirk *et al.*; a., W. E. Clarke.

S. Margin St., *No.* 37, Ward 8, three-st'y bk. dwell., 20′ x 61′, flat roof, stoves; $6,000; o. & b., Louis Levenson, 12 Ashland St.

Huntington Ave., *Nos.* 862-876, Ward 19, 8 four-st'y bk. dwells., 13′ x 33′ x 38′, flat roofs, stoves; $50,000; o., A. Diamond *et al.*; b., B. Davis & Co.

Ridge Road, nr. Park St., Ward 20, 2½-st'y fr. dwell., 28′ x 38′, pitch roof, furnace; $5,000; o., E. E. Whitcomb; b., W. V. Tripp, 7 Lyndhurst St.

Page Ave., nr. Glenway St., Ward 20, two-st'y fr. dwell., 25′ x 46′, pitch roof, furnace; $4,000; o. & b., Geo. D. Lent, 56 Spencer St., Dorchester.

Delle Ave., nr. Binney St., Ward 19, three-st'y fr. dwell., 24′ x 48′, flat roof, stoves; $4,500; o., Jere McCarthy.

Quincy St., nr. Blue Hill Ave., Ward 20, four 2½-st'y fr. dwells., 25′ x 55′, pitch roofs, furnaces; $26,000; o., J. J. Kenney; b., A. C. Chisholm, 15 Schuyler St.

Devon St., *No.* 108, Ward 20, 2½-st'y fr. dwell., 28′ x 53′, pitch roof, furnace; $6,000; o. & b., A. C. Chisholm, 15 Schuyler St.

Beaumont St., cor. Arundel St., Ward 24, 2½-st'y fr. dwell., 38′ x 42′, pitch roof, furnace; $7,500; o., Lucy M. Moseley; b., W. J. Hatch.

Bennington St., cor. Saratoga St., Ward 1, three-st'y fr. dwell., 24′ x 48′, flat roof, stoves; $5,000; o., Joseph Cairlo, on premises; b., W. Goodwin.

Leyden St., *No.* 31, Ward 1, three-st'y fr. dwell., 22′ x 48′, flat roof, stoves; $3,000; o., John H. Patterson; b., C. W. Bates.

Montclair Ave., nr. Fletcher St., Ward 23, two-st'y fr. dwell., 24′ x 32′, pitch roof, furnace; $3,500; o., Warren H. Gleason, 10 Central St.; b., Richard Duffie.

Brookline, Mass. — *Winchester St.*, three-st'y bk. & st. dwell.; $12,000; o., J. C. Littlefield; b., Milton F. Reynolds.

Stedman St., 2½-st'y fr. dwell.; $8,000; o., Annie C. MacKay; b., MacKay Bros., 25 Geneva Ave., Roxbury.

BUILDING INTELLIGENCE.

(*Houses Continued.*)

Chicago, Ill. — *Douglas Boulevard*, two-st'y & base. bk. & st. dwell., 23′ x 50′, comp. roof, hot water; $6,500; o., M. Mulvaney; a., Wm. F. Gubbins, 685 Ogden Ave.

Danville, Ill. — Two-st'y & base. bk. & fr. dwell., 41′ x 58′, shingle roof, hot water; $7,000; o., E. C. Lamm; a., J. F. McCoy.

Philadelphia, Pa. — *Lansdowne Ave.*, nr. 67th St., 14 three-st'y st. dwells., 16′ x 68′; $49,000; o. & b., Richard Humphries, Jr.

MERCANTILE BUILDINGS.

Boston, Mass. — *Chauncy St.*, cor. Essex St., Ward 7, five-st'y bk. business building, 117′ x 136′, flat roof, steam; $160,000; o., C. E. Cotting *et al.*, trs., 9 Tremont St.; a., Winslow, Wetherell & Bigelow; b., Webb Granite Construction Co.

Washington St., cor. Bedford St., Ward 7, three-st'y bk. business building, 36′ x 78′, flat roof, steam; $75,000; o., Mass. Gen. Hospital; b., Norcross Bros., Tremont Building.

TENEMENT-HOUSES.

Boston, Mass. — *Shawmut Ave.*, cor. Lenox St., Ward 18, five-st'y bk. tenement, 48′ x 50′ x 60′, flat roof; $30,000; o., Bridget Teevans; a., Jas. Booth, 1158 Columbus Ave.

COMPETITIONS.

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1 8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

SCHOOL. [At Centerville, Ia.]
Bids are wanted **May 20** for a school in District No. 8 Vermilion Township. JACOB HARTER, Secy. Bd. Educ. 1220

STEAM-HEATING PLANT. [At New Albany, Ind.]
Bids are wanted **June 12** for a steam-heating plant in the Asylum for the Poor on the poor farm. WM. MORTON, Chmn. Bd. Commrs. 1220

HOSPITAL BUILDINGS. [At Auburn, Cal.]
It is stated that bids are wanted **June 6** for the first six sections of the proposed county hospital buildings. J. B. LANDIS, Clk. Superv. 1220

VENTILATING AND HEATING PLANT. [At West Burlington, Ia.]
Bids are wanted **May 17** for a ventilating and heating plant in a school. V. A. JOHNSON, Secy. Bd. Dirs., Independent School Dist. No. 4. 1219

WATER VALVES, INTAKE TOWERS, ETC. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 27th, 1899**, for furnishing water valves, two (2) cast-iron intake towers, and twenty-seven (27), more or less, cast-iron specials for the Water Department. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

FILTER-BEDS. [At Marlborough Junction, Mass.]
Sealed proposals will be received at the office of the Metropolitan Water Board, 3 Mt. Vernon Street, Boston, Mass., **until May 11, 1899**, for constructing filter-beds near Marlborough Junction, Mass., on the N. Y., N. H. & H. R. R. HENRY H. SPRAGUE, Chairman. 1219

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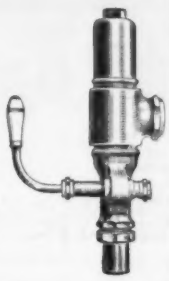

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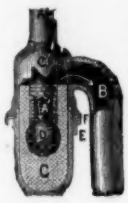

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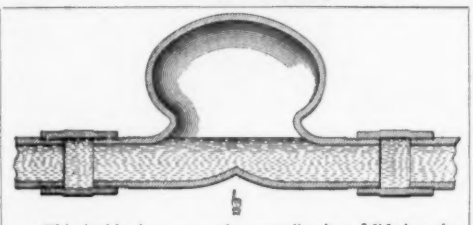

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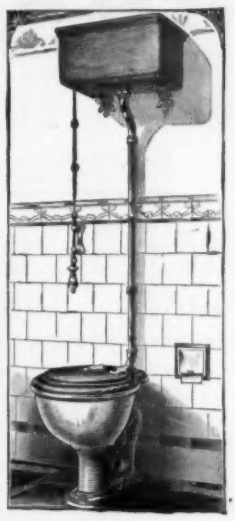

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PROPOSALS.

ANNEX. [At Huntington, W. Va.]
Bids are wanted **May 20** by the State Board of Regents for an annex to Marshall College to cost $15,000. HARRISON ALBRIGHT, architect, Charleston. 1220

DORMITORY. [At Washington, D. C.]
Bids are wanted **May 23** for a dormitory at the Chilocco Indian School, O. T. W. A. JONES, Commr. Indian Affairs, Dept. of the Interior. 1220

PORTLAND CEMENT. [At Green River, Ky.]
U. S. Engineer Office, Louisville, Ky. Sealed proposals for furnishing and delivering Portland cement at Lock No. 5, Green River, Ky., will be received here **until May 22, 1899.** GEO. A. ZINN, captain, engineers. 1220

HOSPITAL. [At Plum Island, N. Y.]
Quartermaster's Office, Fort Trumbull, Conn. Sealed proposals for construction of hospital, hospital steward's quarters and heating hospital, Plum Island, N. Y., will be received here **until May 18, 1899.** GEORGE A. NUGENT, Q. M. 1220

CHURCH. [At Hartley, Ia.]
Bids are asked **until May 15** for erecting a brick church building for the Methodist Episcopal Society. D. A. McBURNEY, President of Board. F. W. Kinney, architect, Austin, Minn. 1219

SCHOOL. [At Colfax, N. D.]
Bids are wanted **May 15** for a school. H. E. CRANDALL, JR., Clk. School Bd. 1219

SCHOOLS. [At Bottineau, N. D.]
Geo. Michie, Clerk District No. 15, will receive bids **until May 22,** for erecting two school-houses. 1220

TOWN-HALL. [At Utica, Ia.]
Bids are wanted **June 1** for a Town-hall for Harrisburg Township. ROB'T ELY, Twp. Clk. 1220

PROPOSALS.

ADDITION. [At Des Moines, Ia.]
Bids are wanted **May 24** for an addition to Oak Park School. M. T. SCANLAN, Secy. Bd. Educ. 1220

SCHOOL. [At Hinton, Ia.]
Bids are wanted **May 27** for a school in Perry Township. P. FLYNN, Treas. 1220

BLOCK PAVEMENTS. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 20, 1899,** for laying asphalt-block pavements. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

PAVING. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 20, 1899** for paving various streets and avenues with sheet asphalt. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

BARRACKS AND OFFICERS' QUARTERS. [At Fort Myer, Va.]
Washington, D. C. Sealed proposals, in triplicate, will be received here **until May 15, 1899** for constructing at Fort Myer, Va., one barracks, one set commanding officers' quarters, one double set officers' quarters, and one storehouse; also for plumbing and steam-heating the same where required. MAJOR T. E. TRUE, Depot Quartermaster. 1219

STOREHOUSE. [At North Point, Md.]
U. S. Engineer Office, 812 St. Paul St., Baltimore, Md. Proposals for building brick storehouse at North Point, Md., will be received **until May 25, 1899.** PETER C. HAINES, colonel, engineers. 1220

BULKHEADS. [At Boston, Mass.]
Contractors are invited to submit proposals to the City Engineer at his office, City-hall, Boston, **before May 8, 1899,** for building timber bulkheads on Sumner Street Extension, Boston. WILLIAM JACKSON, City Engineer. 1219

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., April 29th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of May, 1899, and then opened, for the construction (except heating apparatus and laundry machinery) of the Boiler-house, Isolation Ward, etc., for the U. S. Marine Hospital at Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Chicago, Ill. JAMES KNOX TAYLOR, Supervising Architect. 1220

Treasury Department, Office Supervising Architect, Washington, D. C., April 24, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of May, 1899, and then opened, for all the masonry-work, roof-covering, etc., for the U. S. Post-office, Court-house, etc., building at San Francisco, Cal., in accordance with the drawings and specification, copies of which may be obtained at this office or at the office of the Superintendent at San Francisco, California. JAMES KNOX TAYLOR, Supervising Architect. 1219

Treasury Department, Office Supervising Architect, Washington, D. C., April 22, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 22d day of May, 1899, and then opened, for the plumbing, marble and slate work for the main buildings at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had at this office or the office of Boring & Tilton, Architects, 32 Broadway, New York City. JAMES KNOX TAYLOR, Supervising Architect. 1219

Treasury Department, Office Supervising Architect, Washington, D. C., April 18, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of May, 1899, and then opened, for the heating and ventilating apparatus required for the main buildings at the U. S. Immigrant Station, Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had at this office or the office of Boring & Tilton, Architects, 32 Broadway, New York City. JAMES KNOX TAYLOR, Supervising Architect. 1219

HEATING PLANT. [At Columbus, O.]
Bids are wanted **May 17** by the State-house Building Commission for a separate heating plant for the State-house. 1219

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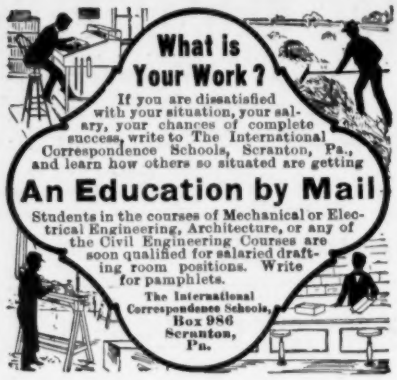

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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.

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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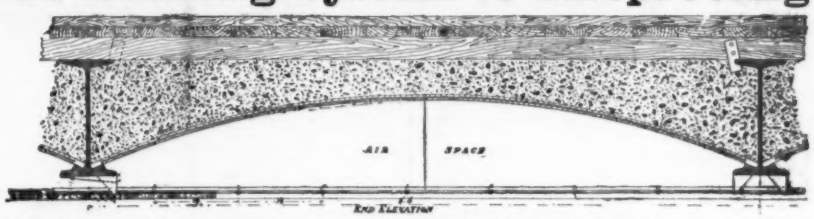

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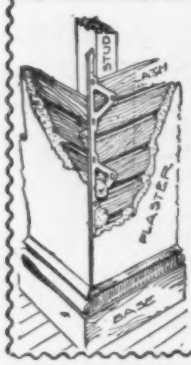

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Long Island	@	Philadelphia 35 00 @ 40 00	Enam. Imp. Bk. 125 00 @ 145 00	Salmon @ 5 50
Up River	5 50 @ 6 25	10 00 @ 11 00	Enam. Domes. 70 00 @ 85 00	Sq. " @ 5 50
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Hollow	@ 7 00	Enam. (edge) 105 00 @ 120 00	Collinsville, do 22 00	Red " @ 12 00
Fronts:	@	" (edge & end.) 120 00 @ 135 00	Findlay, do 22 00	Dark " @ 12 00
Croton, Brown	@ 12 00	Domestic. Enam. (edge) 90 00 @ 100 00	Chicago, do assorted shades 16 00 @ 20 00	Pressed @ 17 00
" dark	@ 12 00	" (edge & end.) 110 00 @ 115 00	Chicago, do Brown..24 00	Paving 11 00 @ 13 0
" red	@ 12 00		Chicago, do Red Roman..24 00	Second " @ 12 00
Chicago pressed			Chicago, do Br'n Roman..27 00	Third " @ 10 00
" Moulded			Bushnell Buff 25 00	Dom. @ 65 @ 85
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. (₱ *cask.*)				
Rosendale Cement	65 @ 75	5 00 @ 1 00	*Not sold.*	1 30 @ 1 50
Louisville "		@	75 @ 1 00	S.H.Fe'l 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	*Not sold.*	@	75 @ 1 00	@
Portland, Eng. (Gibbs)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00		2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50	@	2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	B'ks, Shoobridge & Co.,	@	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	English 2 30	@	Jobson
" " (Lagerdofer)	@	2 75 @ 3 00	2 60 @ 2 90	2 60 @ 2 75
" " (Dyckerhoff)	2 75 @ 3 00		3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00	@	2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	3 50 @ 4 00	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	@ 7 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	8 00 @ 9 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50		9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Teil	@ 4 00		*Not sold.*	White Lime ₱ bush 25 @ 30
Hydraulic Lime	@ 1 45	@		White Mash
Chicago Lime in bulk	St. John		45 @ 55	1 25 @ 1 50
Wisconsin Lime	@		45 @ 55	1 00 @ 1 00
Rockland and Rockport, (Com.)	@ 85	@ 90	*Not sold.*	
Rockland, finish	@ 95	@ 95	*Not sold.*	
Kelley Island Lime, finish	@	@	1 00 bulk, 75c.	
State, Com. cargo rates	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
Plaster-of-Paris (calcined)	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) ₱ *bush*	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat)	17 @ 19	@ 30	20 @ 25	30 @
Sand, ₱ *load*	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

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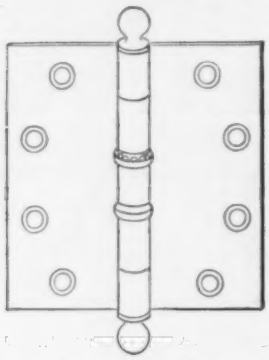

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Foundation:				
Dimension	@	5 00 ℔ ton.	20 @ foot	@ 5 00
Block	@	4 60 ℔ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℔ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 5 00	@ 75	1 00 @ 1 25	
Marble: (℔ *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 (℔ *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. ℔ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ℔ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	2 40 @ 2 50	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℔ 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 ℔ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30″ $35 @ 40
Cedar split ℔ M		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split. 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	11 00 @ 14

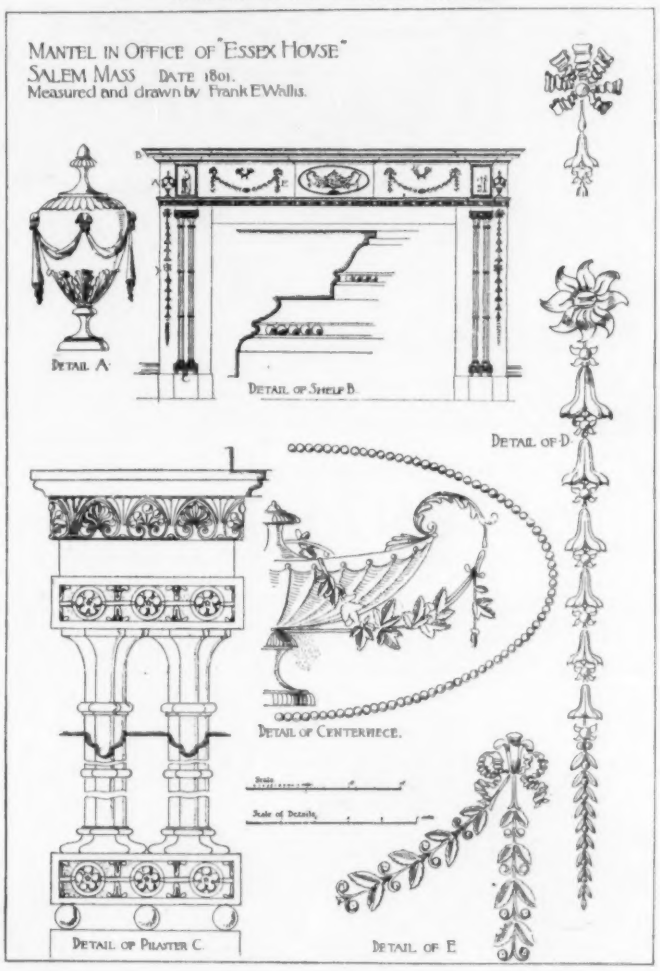
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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[121 plates, 10 x 14½ inches.]

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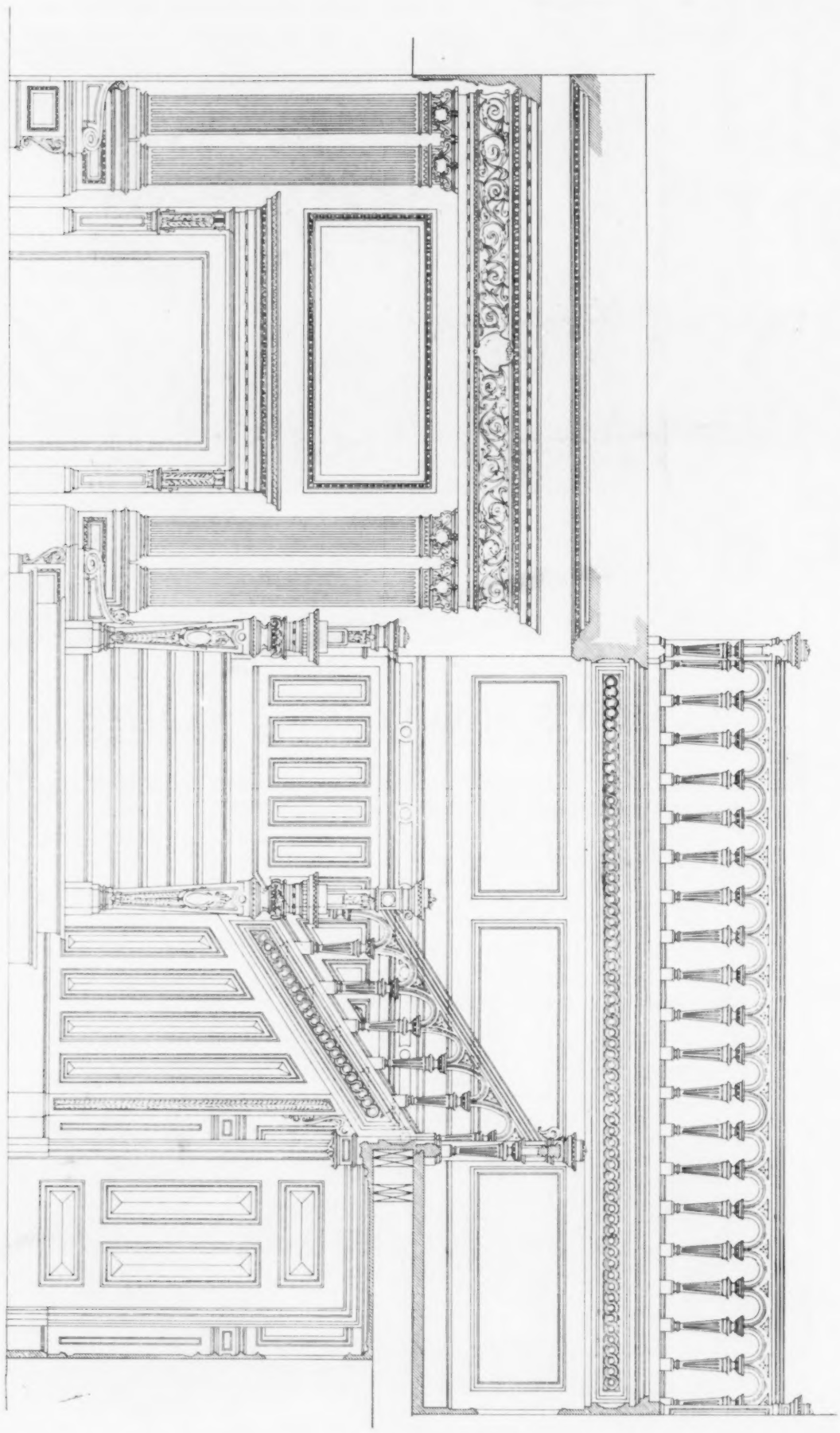

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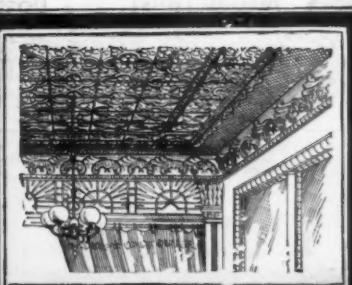
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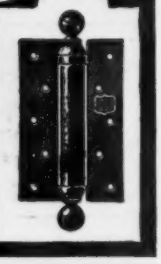

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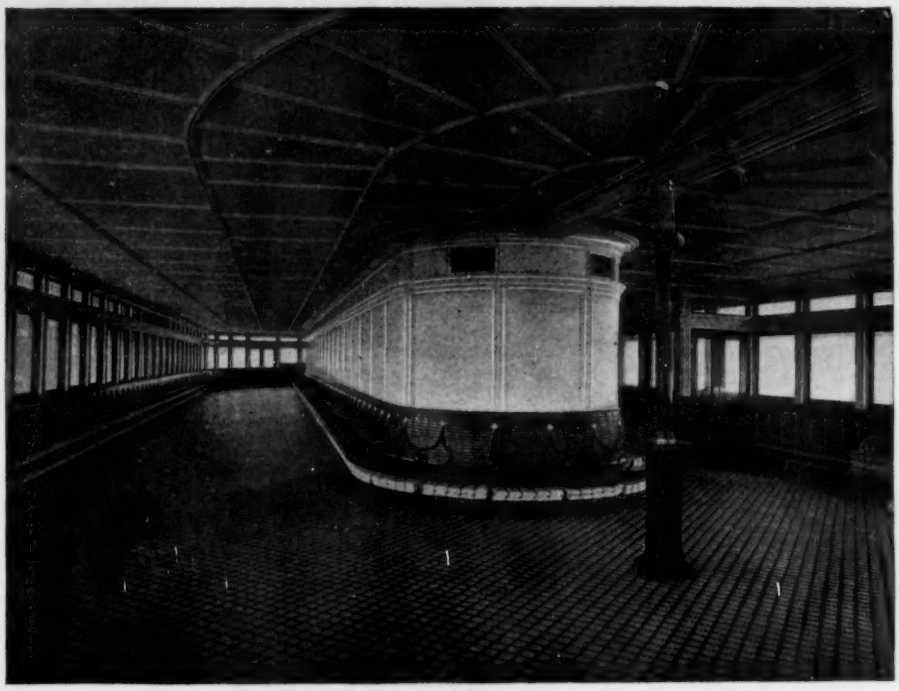

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[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for five cents.*]

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624,081-082. PROCESS OF PRODUCING ARTIFICIAL ASPHALT. — Duncan W. Peck, Syracuse, N. Y.
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624,121. LATCH. — Theodore B. Stevens, Cleveland, O.
624,147. FLOOR-SET. — William M. Allen, Lena, O.
624,166. RETORT FOR DRYING SEWAGE MATTER. — William H. Bowers, Manchester, Eng.
624,176. BASIN. — William R. Chisholm, Newark, N. J.
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624,224. APPARATUS FOR FLUSHING WATER-CLOSETS. — Adolphus Lá Bonté, Worcester, Mass.
624,243. SASH-HOLDER. — Henry Pracht, New York, N. Y.
624,246-247. DOOR-HANGER. — Theodore C. Prouty, Midland, Mich.
624,260. ELEVATOR ATTACHMENT. — Edgar Stoddard, Cleveland, O.
624,278. OFFICE-DOOR INDICATOR. — Oscar W. Whaley, Swan, Ia.
624,342. SKYLIGHT. — Willey J. P. Kingsley, Rome, N. Y.
624,405. STAIRWAY. — George C. Tilyou, New York, N. Y.
642,409. CONTROLLER FOR ELECTRICAL ELEVATORS. — Burton C. Van Emon, San Francisco, Cal.
624,412. FASTENER FOR MEETING-RAILS OF SASHES. — Henry G. Voight, New Britain, Conn.
624,418. WINDOW-SCREEN. — George A. Youlden, Providence, R. I.
624,436. BELL DOOR-KNOB. — Benj. F. Flowers, Fort Collins, Col.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Altoona, Pa. — The contract for erecting a silk-

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

mill, at $65,000, has been awarded to W. H. Hughes & Sons.

Anderson, Ind. — Plans have been drawn for a $35,000 edifice for the Methodist Society.

Atlanta, Ga. — It is reported that Andrew J. Bryan & Co. have prepared plans for an apartment-house to be erected on Peachtree St. and Linden Ave. for Wm. B. Lowe; cost, $250,000.

Baltimore, Md. — The Holy Cross German Catholic Society has decided to erect a $25,000 school. Address Rev. Chas. Dammer.

Bement, Ill. — The School Board is about to build a $25,000 school.

Birmingham, Ala. — It is stated that T. M. Walter & Ullman, Chalifoux Building, have prepared plans for a three-story dormitory for Owenton College. It will be 50′ x 90′, and will cost about $20,000.

Report states that T. M. Walter & Ullman, Chalifoux Building, have prepared plans for a six-story brick office-building, 75′ x 110′, to cost $125,000, and for a five-story brick office-building, 100′ x 100′, to cost $75,000.

Braddock, Pa. — A municipal building is to be erected here, costing $25,000.

Bridgeport, Conn. — It is reported that the House has passed a bill appropriating $300,000 for new city buildings.

Bryn Mawr, Pa. — Plans have been prepared by Shermerhorn & Reinhold, 432 Walnut St., Philadelphia, for a $25,000 school for Lower Merion Township.

Butler, Pa. — Plans for a $70,000 almshouse for Butler County have been prepared by C. H. Owsley, Youngstown, O.

Buffalo, N. Y. — The new $6,000,000 railroad-station is to have the largest waiting-room in the world, it is said, the dimensions being 80′ x 235′.

The Manhattan Spirit Co. is to erect a four-story brick factory, fireproof; architects, Esenwein & Johnson, 773 Elliott Sq.; cost, $120,000.

Camden, Ark. — The contract for erecting the jail building at this place has been awarded to the Pauly Jail Building Co., of St. Louis, Mo., at $13,392.

Chester, Pa. — A large building is to be erected at 6th and Market Sts. by Ex-mayor Black, for a newspaper office, stores and an opera-house; cost, $100,000.

Chicago, Ill. — It is stated that Harris & McGimsie, 167 Dearborn St., will erect a three-story pressed-brick apartment-house at Wabash Ave. and 50th St., after plans by Arthur Foster; cost, $35,000.

Frank Gustafson is to erect a $45,000 pressed-brick and stone apartment-building, 100′ x 115′, at 47th St., near Kenwood Ave. G. Sandegren, 185 Dearborn St., is letting the contracts.

Report states that A. G. Spaulding & Bros. contemplate the erection of a $250,000 manufacturing plant at Harvey. Plans by Nimmons & Fellows, 1733 Marquette Building.

Martin Carr, 134 Van Buren St., has drawn plans for a church, a two-story parochial dwelling and a chapel, to be built at Centre Ave. and 67th St., for St. Brendan's R. C. Church. The buildings will be of brick and stone, and will cost $70,000.

The improvements to be made by the McCormick Harvester Co. consist of a five-story brick factory and power plant to be built on Western Ave.; cost, $200,000.

Chicopee, Mass. — It is stated that $22,000 has been appropriated for a school-house to be built on the Southwick lot.

Covington, Ky. — Plans have been prepared by

E. ELDON DEANE,
Architectural Colorist and Draughtsman.
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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*

Dittoe & Wisenall, 514 Main St., Cincinnati, O., for the new Court-house, to be built in this city, at a cost of $75,000. J. H. Kirtley, auditor, Kenton County.

Dayton, O. — Architect Charles I. Williams has prepared plans for a nine-story apartment-building for the Peirce-Williams Co.; cost, $150,000.

Denver, Col. — Plans have been drawn by Robert Roeschlaub, 52 King Block, for a three-story brick and stone addition to the Manual Training School; cost, $75,000.

Detroit, Mich. — $95,000 has been appropriated by the Senate for the construction of a Woman's Building at the Agricultural College.

Ebensburg, Pa. — Plans have been prepared by Sidney F. Heckert, 341 Sixth Ave., Pittsburgh, for a $100,000 Institution, to be erected by the Sisters of St. Joseph, on the Ohio River, between Findom and Baden Sts.

Elizabeth, N. J. — It has been decided to build a one-span bridge over the Elizabeth River at West Jersey Street, to cost $12,000; J. L. Bauer, county engineer.

Elmira, N. Y. — It is stated that the Senate has passed a bill appropriating $150,000 for the extension of the south wing of the Reformatory.

Fort Dodge, Ia. — R. W. Crawford will erect a stucco mill in this city, to cost $50,000.

Fredericksburg, Va. — W. G. Newman, of this place, will erect a $45,000 residence.

Grinnell, Ia. — It is stated that S. E. Scales, of Waterloo, has received the contract to erect a $25,000 opera-house here for Mr. Cappron.

Houston, Tex. — Report states that a $20,000 brick store-building is to be erected by Mr. H. Henke.

Iowa City, Ia. — Bids will soon be called for by the W. F. Main Co. for the erection of a brick factory building to cost $30,000. Liebbe, Nourse & Rasmussen, Des Moines, architects.

Kansas City, Mo. — It is stated that improvements will be made to the Midland Hotel to the extent of $100,000.

Kenosha, Wis. — A $20,000 school will be erected here.

Logansport, Ind. — It has been announced that an appropriation of $80,000 has been made for the purpose of erecting two new buildings for the Northern Indiana Hospital for Insane.

Martinsville, W. Va. — Wm. M. Goodrich, of Baltimore, has prepared plans for a $25,000 theatre to be erected here for Irwin & Richardson, of Pittsburgh, Pa.

Morgantown, W. Va. — Appropriations have been made for a mechanical engineering building, an armory, a library, and a museum for the West Virginia University, to cost $90,000.

Muskegon, Mich. — Report states that E. Meuer, of Grand Mère, Quebec, will build a large sulphite pulp and paper mill at this place costing $300,000.

New York, N. Y. — Mr. J. Pierpont Morgan has given $1,000,000 to the Society of the Lying-in Hospital of Manhattan with which to erect a new hospital building.

The land bounded by Lexington and 4th Aves., and 25th and 26th Sts., has been recommended as a site for the new armory for the 69th Regiment. The property can be secured for $650,000.

Hill & Turner, 150 Fifth Ave., have prepared plans for remodelling the Victoria Hotel. The alterations will cost in the neighborhood of $150,000.

Northfield, N. H. — It has been decided by the School Board to erect a $20,000 school.

Philadelphia, Pa. — The contract to erect the Memorial Church of St. Paul, at Lancaster and Overbrook Aves., has been awarded J. D. Lengel, of Wayne; cost, $30,000. F. M. Mann, architect, 328 Chestnut St.

The Phœnix Bridge Co., of Phœnixville, whose offices are located in this city, has contracted to build 12 steel bridges for the Russian Government. Work will begin at once on the structural material.

It is stated that the contract for the erection of a $25,000 mansion for Geo. C. Thomas at 17th St. and Delancey Pl. has been awarded to Geo. Watson & Son. Macom & Calvert, architects.

It is stated that the Wissahickon Methodist Episcopal Church will erect a new $30,000 edifice at Adams and Terrace Sts.

Pittsburgh, Pa. — The Bethel A. M. E. Society will erect a $25,000 church at Wylie Ave. and Elm St.

Rome, N. Y. — A bill appropriating $80,840 for improvements to the Rome State Custodial Asylum is stated to have passed the House.

Salina, Kan. — It is stated that C. D. Warren, of

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Can be applied over old Plaster without removing same
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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Joplin, Mo., will erect a new flour-mill, to cost about $40,000.

Salt Lake City, Utah. — It is stated that Frank Weir will build a residence on Brigham St.; W. E. Ware, architect, Hooper Building; cost, $30,000.

Sault Ste. Marie, Mich. — Charlton, Gilbert & Demar, of Marquette, have prepared plans for a new church for the Presbyterian Society, of this place, to cost $20,000. Rev. G. P. Bates, pastor.

Schenectady, N. Y. — The Emanuel Baptist Church Society will erect a $15,000 edifice.

Scranton, Pa. — It is stated that E. H. Davis, Commonwealth Building, has prepared plans for a $30,000 school to be built in the 10th Ward.

Sharon, Pa. — It is reported that a $50,000 opera-house may be erected here. J. W. Morgan is interested in the project.

Sioux Falls, S. D. — A $25,000 building will be erected in this city by the South Dakota Presbyterian Hospital.

Sodaville, Ore. — Seventeen acres of land has been presented to the city on which to erect a new college building.

Springville, Utah. — Report states that the Utah Sugar Co. is about to erect a $30,000 sugar factory here. T. R. Cutler, Mgr., 20-26 South Main St., Salt Lake City, Utah.

Warren, R. I. — It is stated that the Parker Mill Co., of Fall River, Mass., will increase its capital stock to $800,000, and will erect a new building for the manufacture of textile goods at this place.

Washington, D. C. — $50,000 has been appropriated for an addition to the prison, and $15,000 for a new wing to the almshouse.

Report states that the Gay Street Baptist Church will build a new two-story brick structure at the corner of 31st and N Sts., the site of the old church which was recently destroyed by fire. Plans by Frank H. Jackson; cost, $20,000.

Mr. Arthur Cowsill is to erect a three story residence at 2020 Columbia Road; cost, $16,000.

Report states that Michael I. Weller will erect a row of 29 two-story houses on Virginia Ave., bet. 5th and 6th Sts. They will cost $30,000.

Winsted, Conn. — The Fourth School District has voted to erect a $22,000 school.

Wooster, O. — The Commissioners of Wayne County will erect a new $20,000 County Jail.

Worcester, Mass. — It is stated that Geo. T. Rockwood has prepared plans for a $20,000 addition to the City Hospital for a power plant and laundry.

APARTMENT-HOUSES.

Newton, Mass. — *Commonwealth Ave.*, Ward 6, three-st'y apart., 52′ x 80′, steam; $30,000; o., Dana Estes; b., W. H. Benjamin.

EDUCATIONAL.

Brooklyn, N. Y. — *Liberty Ave.*, cor. Warwick St., three-st'y & base. bk. school, 61′ x 71′, slate roof, hot water; $20,000; o., Rev. B. Frey, 225 Jerome St.; a., Schickel & Ditmars, 111 Fifth Ave., New York.

Butler St., nr. 4th Ave., four-st'y bk. school, slate roof, hot water; $100,000; o., City of New York; a., C. B. F. Snyder, 585 Broadway, New York.

New York, N. Y. — *Seventeenth St., No.* 126, four-st'y bk. & st. school, 79′ x 92′; $100,000; o., College of St. Francis Xavier; b., Jas. D. Murphy, 1181 Broadway.

One Hundred and Fifty-second St., nr. Broadway, four-st'y bk. convent, 52′ x 65′ 4″; $40,000; o., Sisters of Mercy, 81st St. & Madison Ave.; a., Neville & Bagge, 217 W. 125th St.

FACTORIES.

Iowa City, Ia. — Three-st'y & base. bk. building, 160′ x 160′, flat roof, steam; $30,000; o., W. F. Main Co.; a., Liebbe, Nourse & Rasmussen, Des Moines.

Philadelphia, Pa. — *Arch St., Nos.* 707-709, six-st'y bk. & terra-cotta store & manufacturing building, 45′ 7″ x 201′; $75,000; o., Henry C. Lea; c., George L. Sipps.

West Point, Ga. — Four-st'y bk. factory, 108′ x 380′, gravel roof, steam; $100,000; o., Lanett Cotton Mills Co.; a., Lockwood, Green & Co.

HOUSES.

Boston, Mass. — *Bradshaw St.*, nr. Charlotte St., Ward 20, two-st'y dwell., 30′ x 40′, pitch roof, hot water; $4,500; o., Eliz. Burne; b., Jas. Hill, 33 Hawkins St.

Audubon Road, cor. Queensbury St., Ward 11, four-st'y bk. dwell., 29′ x 73′, flat roof, furnace; $25,000; o., R. T. Paine; b., C. A. Dodge & Co.

Paris St., No. 119, Ward 2, three-st'y bk. dwell., 20′ x 50′, flat roof, stoves; $5,000; o. & b., Isaac Hirsberg, 124 Meridian St.

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(*Houses Continued.*)

20′ x 40′, flat roof, stoves; $4,500; o., M. Kaiser; a. & b., J. J. Galvin, 16 St. Germain St.

Aberdeen St, nr. Beacon St., Ward 11, 3 two-st'y bk. dwells., 25′ x 70′, flat roofs, steam; $25,000; o. & b., Mark Lewis, 43 Irving St.

Commonwealth Ave., No. 314, Ward 11, four-st'y bk. dwell., 56′ x 85′, flat roof, steam; $40,000; o., A. C. Burrage; b., L. D. Willcutt & Son.

Haskell St., nr. Hooker St., Ward 25, two 2½-st'y fr. dwells., 20′ x 55′, pitch roofs, hot water; $10,000; o., Jessie Eddy; b., J. A. Silva & Co., 48 Congress St.

Wabeno St., nr. Wyoming St., Ward 21, two 2½-st'y fr. dwells., 28′ x 60′, pitch roofs, furnaces; $12,000; o., F. Smith; b., Sundberg & McAuley, 46 Norfolk St., Dorchester.

Winship Pl., nr. Harvard St., Ward 25, 2½-st'y fr. dwell., 28′ x 54′, pitch roof, furnace; $4,500; o., W. H. Monroe; b., C. H. & A. F. Ireland, Newton Centre.

Sydney St., nr. Romsey St., Ward 20, two-st'y fr. dwell., 22′ x 48′, flat roof, stoves; $4,500; o. & b., Jas. M. Cross, 23 Court St., Room 421.

Calumet St., nr. Sachem St., Ward 19, 2½-st'y fr. dwell., 25′ x 52′, pitch roof, stoves; $5,000; o., Pat'k Byrne; a. & b., M. J. O'Brien, 805 Parker St.

Calumet St., nr. Hillside St., Ward 19, 2½-st'y dwell., 26′ x 48′, pitch roof, stoves; $5,000; o., M. Bailey, 186 Calumet St.; a., S. Rantin & Son.

Fletcher St., nr. South St., Ward 23, 2½-st'y fr. dwell., 25′ x 34′, pitch roof, hot water; $4,000; o., Alfred Ludlam, 31 Greenwood Ave., Hyde Park; a. & b., S. E. Cobb.

Lyon St., nr. Dorchester Ave., Ward 24, two-st'y fr. dwell., 26′ x 45′, flat roof, furnace; $4,000; o., John Gearin; b., H. E. Gould & Co., Medford.

Maxfield St., nr. Bellevue St., Ward 23, 2½-st'y fr. dwell., 26′ x 29′ x 38′, pitch roof, furnace; $5,000; o., Chas. J. Nichols; b., Yates & Jones, 2 Ivanhoe St.

Kilton St., nr. Harvard St., Ward 20, two 2½-st'y fr. dwells., 26′ x 43′, pitch roofs, furnaces; $9,000; o., Annie M. Hoyt; b., F. J. Hoyt, 132 Harvard St., Dorchester.

Westville St., nr. Cerwin St., Ward 20, 2 two-st'y fr. dwells., 25′ x 48′, flat roofs, furnaces; $8,000; o., Ellen M. Hanlon; b., Thos. H. Hanlon.

Ashford St., nr. Linden St., Ward 25, two 2½ st'y fr. dwells., 45′ x 54′, pitch roofs, steam; $18,000; o., S. E. Hyde; b., G. H. Gilbranson.

Roland Park, nr. Sumner St., Ward 20, 2½-st'y fr. dwell., 27′ x 45′, pitch roof, furnace; $5,000; o. & b., Gipson & Knight, 204 Dudley St.

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Shore Road, cor. 86th St., three-st'y fr. dwell., 58′ 7″ x 63′ 3″, shingle roof, steam heat; $12,000; o., Jaques Van Brunt, Shore Road & 81st St.; a., F. Freeman, 132 Nassau St., New York; b., P. J. Van Note, Cropsey Ave. & Bay 24th St.

Fourth Ave., nr. 45th St., four-st'y bk. dwell., 20′ x 60′; $9,000; o., Mrs. Jennie Hanna, 1094 Fourth Ave.; a., T. Bennett, 198 Fifty-third St.

Lincoln Road, nr. Bedford Ave., 2 two-st'y & base. bk. dwells., 20′ x 45′, hot air; $14,000; o., John McKeon, 469 Herkimer St.; a., A. E. White, 656 Carroll St.

New York and St. Mark's Aves., bk. & st. dwell.; $40,000; o., Frank S. Jones, 79 Front St., New York City, & Pearl & Water Sts., Brooklyn (factory); Arthur G. Stone, 1370 Dean St., will have the general contract.

Twenty-first St., nr. Ditmars Ave., 2 two-st'y fr. dwells., 27′ x 47′; $10,000; o. & b., Samuel T. Sherwood, 1134 Flatbush Ave.; a., J. A. Davidson, 828 Flatbush Ave.

Des Moines, Ia. — *Thirteenth and Mulberry Sts.*, two-st'y bk. dwell., 44′ x 48′, gravel roof; $6,000; o., Samuel Parks; a., C. C. Cross & Son.

East Orange, N. J. — *Halstead St.*, 2½-st'y fr. dwell.; $10,000; o., Mrs. H. B. De Forest; a., L. C. Patton, Orange.

Eau Claire, Wis. — 2½-st'y fr. dwell., 45′ x 70′, pitch roof, comb. heating; $9,000; o., Dr. E. S. Hayes; a., Cass Gilbert, St. Paul, Minn.

Elkhart, Ind. — Two-st'y & base. bk. dwell., 35′ x 55′, slate roof, hot water; $8,000; o., Rev. Henry A. Boeckelmann; a., J. T. Fortin, 421 New Era Building, Chicago, Ill.

Hoboken, N. J. — *Monroe St.*, nr. 3d St., four-st'y fr. dwell., 25′ x 46′; $6,500; o., Herman Reysen, Harrison.

Jersey City, N. J. — *Pine St.*, nr. Maple St., three-st'y fr. dwell.; $6,500; o., Henry Frieke; a., E. J. Lampster.

Worcester, Mass. — *Pleasant St.*, 2½-st'y fr. dwell., 28′ x 52′; $9,000; o., J. C. Fields; a., E. T. Barker, Boston; c., A. P. Robbins.

Lenox St., two-st'y fr. dwell., 28′ x 48′; $7,000; o., Fred A. Mann; a., L. W. Briggs; b., Scoville & Wheeler.

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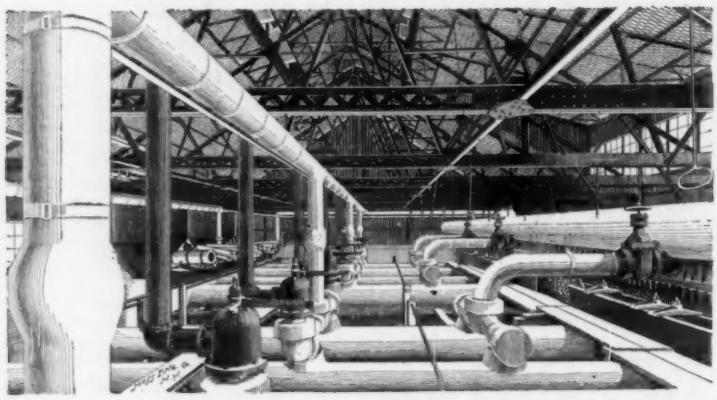

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New York, N. Y. — *E. Seventeenth St., No.* 7, eight-st'y bk. warehouse, 37′ 6″ x 92′; $210,000; o., John Walker, 536 W. 142d St.; a., Franklin Baylies, 51 Bible House.

MISCELLANEOUS.

Brooklyn, N. Y. — *Surf Ave.*, nr. W. 5th St., two-st'y fr. depot & restaurant, 139′ 6″ x 142′, shingle roof, steam heat; $30,000; o., Pabst Brewing Co., 376 Washington St., New York; a., Otto Strack, 377 Washington St., New York; b., Louis Limm, 168 E. 91st St., New York.

Kansas City, Mo. — Three-st'y bk. building for Children's Home, slate roof, steam; $20,000; o., Children's Home Association; a., Van Brunt & Howe, 1214A Main St.

MERCANTILE BUILDINGS.

Boston, Mass. — *Dudley St.*, nr. Washington St., Ward 18, five-st'y bk. business building, 60′ x 60′, flat roof, steam; $20,000; o., Soren Estate; a., C. A. Russell, 46½ Warren St., Roxbury.

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S. Broad St., Nos. 111-113, seventeen-st'y steel-fr. brick & st. office-building, 35′ x 82′; $190,000; o., J. Wallace Hallowell; not let.

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COMPETITIONS.

JAIL. [At New Orleans, La.]
Proposals will be received at this office **until May 29** for plans and specifications for the building of a police jail in the rear of the 3d Ward, the cost not to exceed $30,000. W. S. DOUGLASS, comptroller. 1221

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

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PROPOSALS.

RAILROAD BRIDGE. [At Joliet, Ill.]
Proposals addressed to the Sanitary District of Chicago for one railroad-bridge crossing the Desplaines River in the City of Joliet will be received by the clerk of the said sanitary district at Room 1110 Security Building **until May 31.** WM. BOLDENWECK, pres. 1221

PILE BRIDGE. [At Appleton, Minn.]
Sealed bids will be received **May 23** for the construction of a pile bridge across the Pomme de Terre River in the Town of Moyer, in Swift County. H. P. McCONNELL, county auditor. 1220

BRIDGE. [At Washington, D. C.]
Proposals will be received at the office of the Commissioners of the District of Columbia **until May 27, 1899,** for the construction of a bridge across Piney Branch in Rock Creek Park, District of Columbia. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, commissioners, D. C. 1221

DORMITORY. [At Puyallup Agency, Wash.]
Sealed proposals will be received **until May 25** by W. A. Jones, commissioner of Indian Affairs, Washington, D. C., for one frame dormitory, mess-hall, laundry and water and sewer system, at Puyallup agency, Washington. 1221

STEAM-HEATING PLANT. [At Ellendale, N. D.]
Bids are wanted **June 1** for furnishing a boiler and installing a steam-heating plant in the North Dakota Industrial and Manual Training School. T. H. FAUS, Secy. Bd. Trustees, Ludden, N. D. 1221

DORMITORY. [At Grand Forks, N. D.]
Bids are wanted **May 24** for a dormitory at the State University. JOSEPH KENNEDY, Secy. Bd. Trustees. 1221

WING TO HOSPITAL. [At Ft. Steilacoom, Wash.]
Bids are wanted **May 24** for a wing at the Western Washington Hospital for the Insane. ERNEST LESTER, Secy. State Bd. of Audit and Control, Tacoma, Wash. 1221

ENGINEERING SHOP. [At Bremerton, Wash.]
Bids are wanted **June 10** for a steam engineering shop and boiler house at the Puget Sound Naval Station. MORDECAI T. ENDICOTT, Ch. Bureau Yards and Docks, Navy Dept., Washington, D. C. 1221

SCHOOL. [At Pleasant City, O.]
Bids are wanted **May 27** for a school in Valley Township. O. R. TAYLOR, City Clk. 1221

SCHOOL. [At Beattyville, Ky.]
Bids are wanted **June 1** for a school. THOMAS PRYSE, secretary. 1221

CEMENT. [At Green River, Ky.]
U. S. Engineer Office, Louisville, Ky. Sealed proposals for furnishing and delivering Portland cement at Lock No. 5, Green River, Ky., will be received here **until May 22, 1899.** GEO. A. ZINN, captain, engineers. 1220

BRIDGES. [At Aberdeen, S. D.]
Bids will be recieved **until May 24** for the construction of five steel bridges. CHARLES EYGABROAD, county auditor. 1220

BRIDGE WORK. [At Toronto, Ont.]
Tenders will be received by registered post only, addressed to the Chairman of Board of Control, City-hall, Toronto, Ont., **up to May 22,** for the following works: For the furnishing and erecting of a steel highway bridge over the River Humber, on Lake

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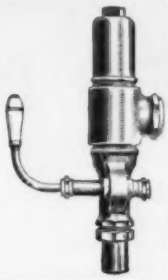

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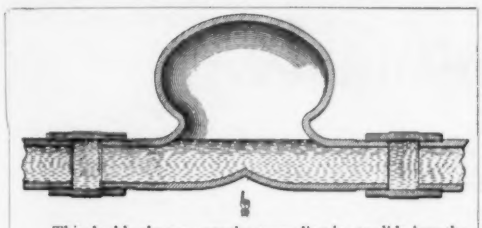

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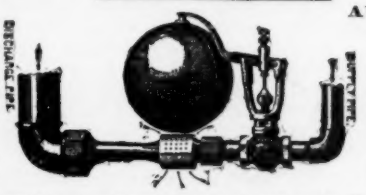

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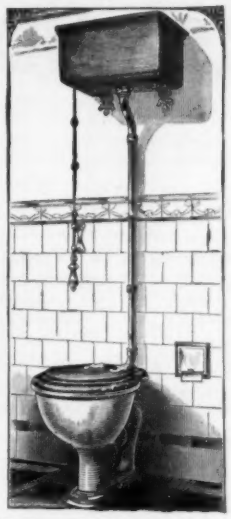

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PROPOSALS.

PORTLAND CEMENT. [At Green River, Ky.]
U. S. Engineer Office, Louisville, Ky. Sealed proposals for furnishing and delivering Portland cement at Lock No. 5, Green River, Ky., will be received here **until May 22, 1899.** GEO. A. ZINN, captain, engineers. 1220

HOSPITAL. [At Plum Island, N. Y.]
Quartermaster's Office, Fort Trumbull, Conn. Sealed proposals for construction of hospital, hospital steward's quarters and heating hospital, Plum Island, N. Y., will be received here **until May 18, 1899.** GEORGE A. NUGENT, Q. M. 1220

WATER VALVES, INTAKE TOWERS, ETC. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 27th, 1899,** for furnishing water valves, two (2) cast-iron intake towers, and twenty seven (27), more or less, cast-iron specials for the Water Department. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

TOWN-HALL. [At Utica, Ia.]
Bids are wanted **June 1** for a Town-hall for Harrisburg Township. ROB'T ELY, Twp. Clk. 1220

ADDITION. [At Des Moines, Ia.]
Bids are wanted **May 24** for an addition to Oak Park School. M. T. SCANLAN, Secy. Bd. Educ. 1220

SCHOOL. [At Hinton, Ia.]
Bids are wanted **May 27** for a school in Perry Township. P. FLYNN, Treas. 1220

BLOCK PAVEMENTS. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 20, 1899,** for laying asphalt-block pavements. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

PAVING. [At Washington, D. C.]
Office of the Commissioners, D. C., Washington, D. C. Sealed proposals will be received at this office **until May 20, 1899** for paving various streets and avenues with sheet asphalt. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1220

STOREHOUSE. [At North Point, Md.]
U. S. Engineer Office, 812 St. Paul St., Baltimore, Md. Proposals for building brick storehouse at North Point, Md., will be received **until May 25, 1899.** PETER C. HAINES, colonel, engineers. 1220

Treasury Department, Office Supervising Architect, Washington, D. C., April 29th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of May, 1899, and then opened, for the construction (except heating apparatus and laundry machinery) of the Boiler-house, Isolation Ward, etc., for the U. S. Marine Hospital at Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Chicago, Ill. JAMES KNOX TAYLOR, Supervising Architect. 1220

PROPOSALS.

Shore Road. For the furnishing and erecting steel highway bridge over the River Don at Queen Street. Taking down and erecting at the Eastern Avenue crossing of the Don River the present Queen Street bridge. JOHN SHAW (Mayor), Chairman of Board of Control. 1220

SCHOOL. [At Dazey, N. D.]
Bids are wanted **May 20** for a school. O. S. OLSON, Clk. Bd. 1220

SCHOOL. [At Cleveland, O.]
Bids are wanted **May 20** for a high school. H. Q. SARGENT, School Dir. 1220

SCHOOL. [At Martin's Ferry, O.]
Bids are wanted **May 20** for a school in Peace Township. W. G. MORGAN, Township Clk. 1220

SCHOOL. [At Newton, Ia.]
Bids are wanted **May 20** for a school in Clear Creek Township. C. W. BERRY, Chmn. Bldg. Com. 1220

SCHOOLS. [At Montgomery, Ala.]
Bids are wanted **May 20** for two schools. R. H. SOMERVILLE, City Treas. 1220

BRIDGE. [At Hailey, Idaho.]
Bids are wanted **May 22** for a steel bridge across Wood River. W. E. HEARD, Clk. Bd. Co. Commrs. 1220

SCHOOL. [At Wyocena, Wis.]
Bids are wanted **May 20** for a school. JOHN W. SMITH, Chmn. Bldg. Com. Dist. No. 1. 1220

Treasury Department, Office Supervising Architect, Washington, D. C., May 9, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 7th day of June, 1899, and then opened, for the changes, alterations and repairs to the U. S. Custom-house, etc. (old), at Detroit, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the U. S. Court-house, Post-office, etc., building at Detroit, Michigan. JAMES KNOX TAYLOR, Supervising Architect. 1221

Sealed proposals will be received at the office of the Light-house Engineer, Tompkinsville, N. Y., until 12 o'clock M., of Saturday, the 27th day of May, 1899, and then opened, for furnishing the material and labor for the completion and delivery of the metalwork for the East Face Wharf, Light-house Depot, Tompkinsville, N. Y., in accordance with specifications, copies of which, with blank proposals and other information, may be had upon application to D. P. HEAP, Lieut.-Colonel, Corps of Engineers, U. S. A. 1221

PROPOSALS.

SCHOOL. [At Centerville, Ia.]
Bids are wanted **May 20** for a school in District No. 8 Vermilion Township. JACOB HARTER, Secy. Bd. Educ. 1220

STEAM-HEATING PLANT. [At New Albany, Ind.]
Bids are wanted **June 12** for a steam-heating plant in the Asylum for the Poor on the poor farm. WM. MORTON, Chmn. Bd. Commrs. 1220

HOSPITAL BUILDINGS. [At Auburn, Cal.]
It is stated that bids are wanted **June 6** for the first six sections of the proposed county hospital buildings. J. B. LANDIS, Clk. Superv. 1220

SCHOOLS. [At Bottineau, N. D.]
Geo. Michie, Clerk District No. 15, will receive bids **until May 22,** for erecting two school-houses. 1220

ANNEX. [At Huntington, W. Va.]
Bids are wanted **May 20** by the State Board of Regents for an annex to Marshall College to cost $15,000. HARRISON ALBRIGHT, architect, Charleston. 1220

DORMITORY. [At Washington, D. C.]
Bids are wanted **May 23** for a dormitory at the Chilocco Indian School, O. T. W. A. JONES, Commr. Indian Affairs, Dept. of the Interior. 1220

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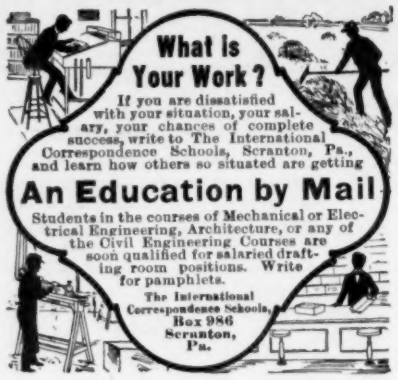

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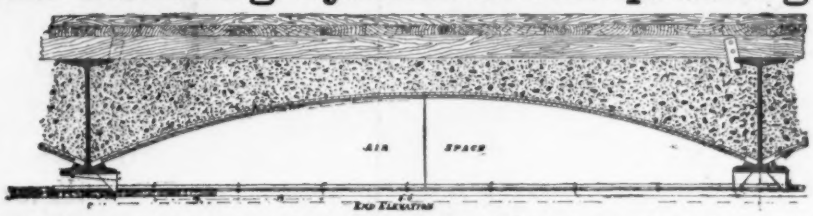

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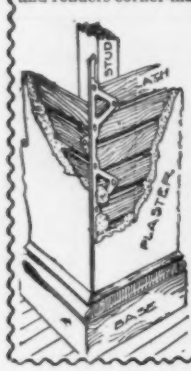

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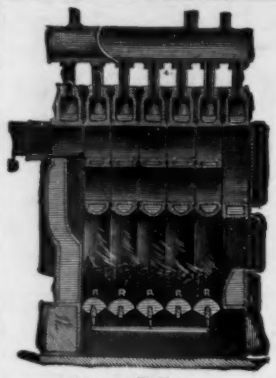
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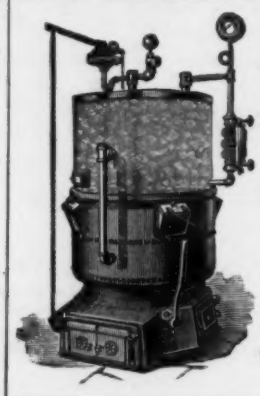

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" Moulded		Imported	16 00 @ 20 00	11 00 @ 13 0
Baltimore	37 00 @ 41 00	Enam. (edge)	Chicago, do	Second " @ 12 "
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Milwaukee		120 00 @ 135 00	Roman..24 00	Dom. @ 65
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THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

VOL. LXIV. — No. 1221.] SATURDAY, MAY 20, 1899. PRICE, { REGULAR ISSUE, 15 CENTS. IMPERIAL " 25 "

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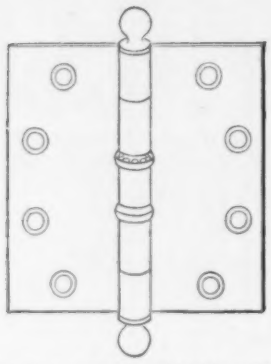

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Spruce	@	24 00 @ 35 00	*Not sold.*	*Not sold.*
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Spruce	14 00 @ 16 00	14 00 @ 18 00	*Not sold.*	15 00 @ 21 50
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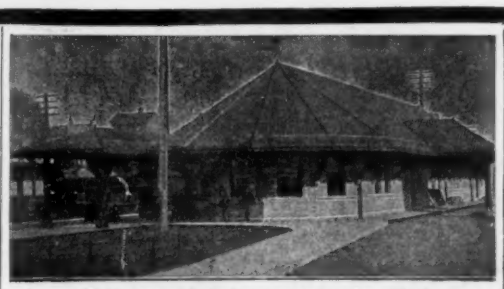

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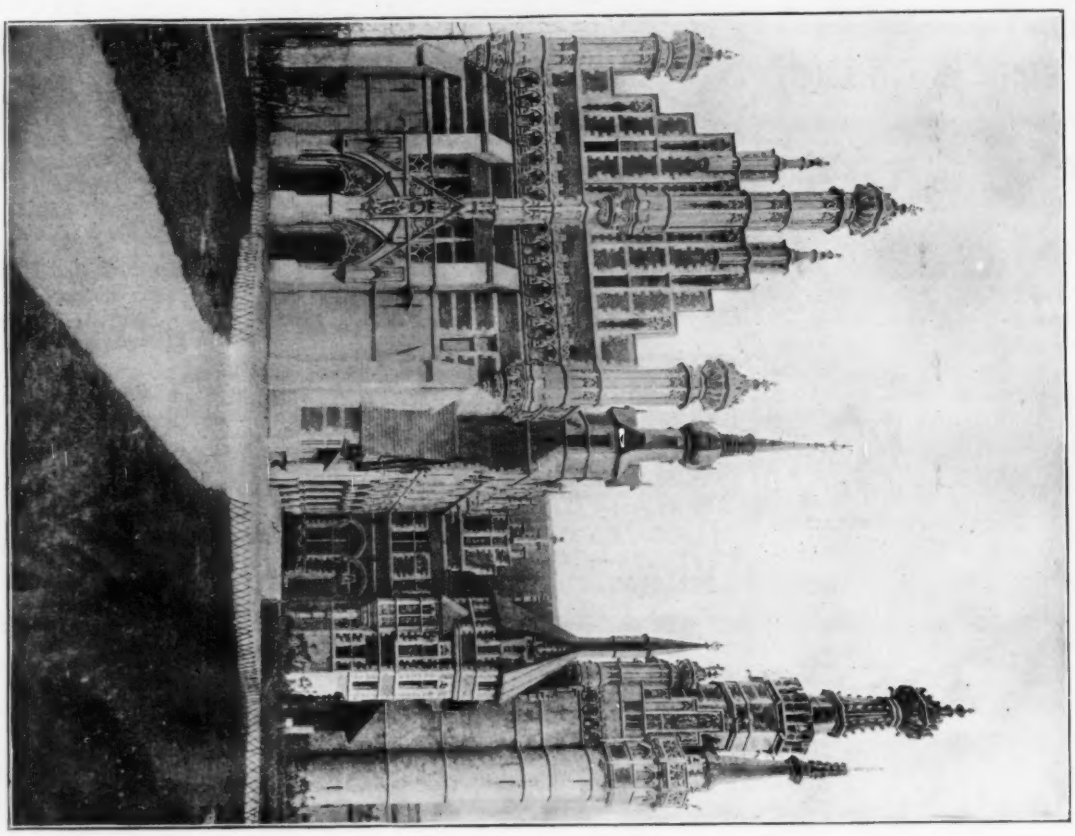

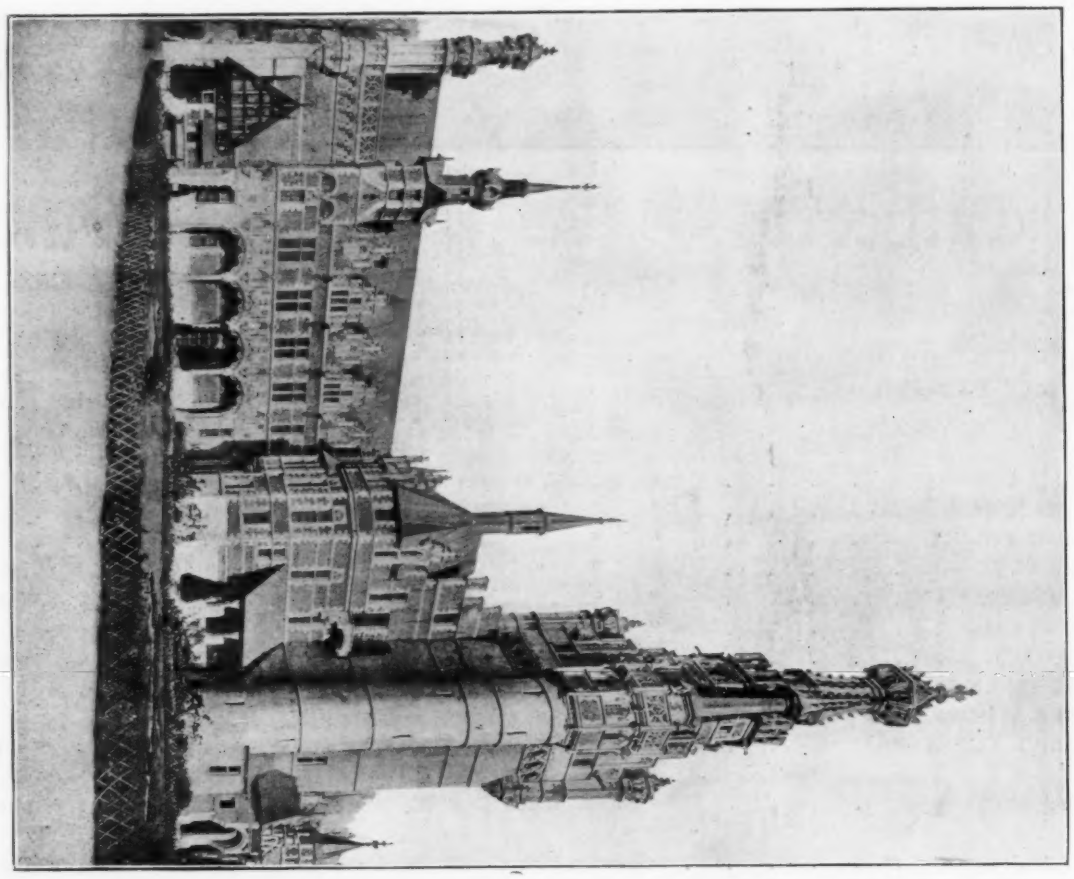

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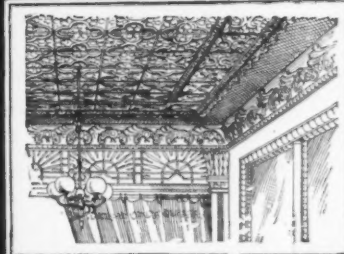

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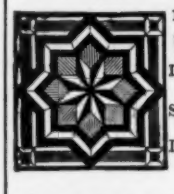

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New Advertisements.

J. M. & L. A. OSBORN (Cleveland, O.), Roofing Materials. Page vii.

See last or next issue for the following advertisements: —

Barron, Boyle & Co.
Braender, Philip.
Butcher Polish Co.
Chrome Steel Works.
Expanded Metal Co.
Gorton & Lidgerwood.
L. Haberstroh & Son.
New York Belting & Packing Co.
T. W. Jones.
Okonite Co.
Samson Cordage Works.
H. B. Smith Co.

See the first issue of the month for the following advertisements: —

Alsen's Portland Cement Works.
Atlas Cement Co.
Brooks & Co., T. H.
Folsom Snow Guard Co.
Grand Rapids Moulding Co.
Ludlow Saylor Wire Co.
Nelson, C. T., & Co.
New Jersey Zinc Co.
Oriel Glass Co.
Pitt, Wm. R.
Ruud Manufacturing Co.
Thiele, E.
Tyler Wire Works Co., The
Vance Boiler Works.

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ARCHITECTS' REMOVALS, Etc.

VAN VLECK & GOLDSMITH, architects, New York City, have removed their offices to Rooms 717-718 Constable Building, 111 Fifth Ave.

THE firm of Walker & Kimball, architects, Boston and Omaha, has been dissolved. Mr. Kimball will continue the practice of architecture at 508 McCague Building, Omaha, Nebraska. During Mr. Walker's absence abroad his business interests will be left in charge of Mr. Geo. B. Howe, 13 Exchange St., Boston, Mass. 1222

C. H. BLACKALL, architect, has removed from Music Hall Building to the Old Congregational House, No. 1 Somerset Street, Room 17, Boston. 1222

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of standing and large experience desiring to extend his business wishes to form a partnership. Some capital and the ability to secure business required. References exchanged.
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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.*]

624,439. EXPANSION-BIT. — Abraham L. Adams, Bridgeport, Conn.
624,446. COMPOSITION PULP PLASTER AND PROCESS OF MANUFACTURING SAME. — David H. Blake and Jeramiah P. Ray, San Antonio, Tex.
624,484. HANGER FOR SUPPORTING SMALL METALLIC PIPES. — John O. Haskell, Concord, Mass.
624,521-522. CEMENT. — Charles Myers, Akron, O.
624,523. BRICK, BLOCK, OR SLAB FOR BUILDINGS, MANTELS, VAULTS, ETC. — Charles Myers, Akron, O.
624,526. STEAM HEATING APPARATUS. — Eugene F. Osborne, Chicago, Ill.
624,546. DOOR HOLDER AND CHECK. — Frank L. Rosentreter, Rochester, N. Y.
624,560. PRESSURE AND TEMPERATURE REGULATOR FOR FEED-LINES OF REFRIGERATING APPARATUS. — John E. Starr, St. Louis, Mo.
624,562. INDICATOR. — Herman Stelling, New York, N. Y.
624,563. PROCESS OF MAKING ARTIFICIAL STONE. — Charles W. Stevens, Harvey, Ill.
624,565. JAIL. — Richard C. Stewart, Jr., and Wallace A. Stewart, Covington, Ky.
624,569. FLUSHING APPARATUS FOR SANITARY OR OTHER FIXTURES. — Edward C. Stover, Trenton, N. J.
624,571. LUMBER-BRACKET. — Chester E. Striffler, St. Louis, Mo.

BUILDING PATENTS.

624,573. FLYING SCAFFOLDING OR STAGING. — Henri Sturm, Perreux, France.
624,577. LEVEL. — Abraham Thompson, Rochelle, Ill.
624,609. LOCK. — Ira J. Babcock, New York, N. Y.
624,611. AUTOMATIC FIRE-EXTINGUISHER. — Wm. H. Banks, Boston, Mass.
624,671. PIPE-HANGER. — Stephen O'Brien, New York, N. Y.
624,687. PROCESS OF MIXING CEMENT, PLASTER, ETC. — Augustine Sackett, New York, N. Y.
624,714. SHEET-PILING. — William D'H. Washington, New York, N. Y.
624,745. MITER-BOX. — Theodore Bootsman, Artic, Wash.
624,773. SEWER-TRAP. — John Elder, New York, N. Y.
624,782. SELF-ADJUSTING IRON STAIRCASE. — Adolph Fuchs, Lintz-on-the-Rhine, Ger.
624,783. SASH-FASTENER. — Edgar Fuller, Fort Assinniboine, Mont.
624,796. WALL-PROTECTOR. — Richard L. Hardin, Chicago, Ill.
624,828. FIREPROOFING MATERIAL. — Albert Lantzke, New York, N. Y.
624,850. SPRING-HINGE. — Sidney S. Niles, Chicago, Ill.
624,855. SCREW-DOWN TAP. — Septimus A. Parker, Surbiton, and Orlando H. Wagner, London, Eng.
624,857. ROOF. — Edward L. Pease, Hurworth Moor, Eng.
624,862. TONGUE-AND-GROOVED FLOORING, ETC. — John W. Piver, Pinia, Ga.
624,870. WINDOW LOCK AND REGULATING DEVICE. — Lawrence F. Ryan, New York, N. Y.
624,874. LIFTER FOR SKYLIGHT-SASHES. — Wm. H. Sauers, Baltimore, Md.
624,888. VENTILATOR. — Herman K. C. de Anguera, Wakefield, 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.

Adams, Mass. — It is said that the Berkshire Cotton and Manufacturing Co. will erect an additional mill to cost $1,500,000.

Akron, O. — It is said that plans are being considered by the Knights of Pythias for a temple and an opera-house; cost, $40,000 each.

Antigo, Wis. — It is announced that a hotel will be erected here this summer by John Friend; cost, $20,000.

Birmingham, Ala. — Plans have been prepared by Collignon & Hodgson for a five-story building to be erected on the corner of 20th St. and 2d Ave. for S. Rich; cost $40,000.

Buffalo, N. Y. — It is said that outside capitalists are contemplating the erection of a new hotel on Niagara Sq., after plans by C. K. Porter & Son. The money is now being raised and the cost will be in the neighborhood of $200,000.

Report states that Architect S. R. Badgeley, of Cleveland, O., has prepared plans for an eight-story Gothic fireproof building to be erected on the

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*

site of the present Central Presbyterian Church at W. Genesee and Pearl Sts. There will be stores and business offices on the first floor, an auditorium for church and convention purposes on the second floor, and bachelors' quarters on the upper floors. The cost will be about $250,000.

It has been reported that Architects, Esenwein & Johnson have prepared plans for a $30,000 warehouse to be erected for Michael Hayman & Co., 154 Terrace.

Burlington, Vt. — A new $300,000 mill will soon be built by the Queen City Cotton Co.

Camden, N. J. — It is announced that plans have been drawn for a modern fireproof hotel to be erected in this city. It will contain 200 rooms, and will cost $60,000.

Castalia, O. — It is stated that the Castalia Portland Cement Co., Pittsburgh, Pa., will erect two large buildings at this place, costing $200,000.

Cedar Rapids, Ia. — Hamilton Bros. will erect a four-story brick implement warehouse, costing $25,000.

Charlotte, N. C. — It is stated that the Charlotte Consolidated Construction Co. contemplates the erection of a six-story office-building costing $75,000.

Chicago, Ill. — Report states that John R. Thompson, 175-177 E. Madison St., is to erect on Grand Boulevard, near 44th St., a $35,000 residence; Wilson & Marshall, 218 La Salle St., architects.

Cohoes, N. Y. — Plans are being prepared by M. H. Hubbard, of Utica, for a new First Baptist Church, to cost $30,000.

Des Moines, Ia. — Drake University is to have a new $30,000 college building.

It is stated that the Iowa Methodist Hospital Association has been incorporated with $500,000 capital stock for the purpose of erecting a hospital in this city, which will be directed by the deaconesses of Washington, D. C.

Detroit, Mich. — It is stated that the congregation Sha'are Zedek has purchased a site upon which to erect a $20,000 synagogue. Rabbi Harris L. Cohen, 240 E. High St.

Joy & Bancroft have prepared plans for a brick dwelling for Frank J. Licht, to be located on Frederick St., and cost $11,000.

R. E. Raseman is preparing plans for an addition to the chemical works of Nelson, Baker & Co., Lafayette and 7th Sts.; $8,000.

Stratton & Baldwin are preparing plans for a chemical laboratory for Frederick Stearns & Co., to be built in Windsor and cost $25,000.

Dover, N. J. — It is reported that $115,000 has been donated by Hudson Hoagland to the Presbyterian Society for the erection of a new church.

Erie, Pa. — A $100,000 office and opera-house building may be erected on 6th and Market Sts. Ex-Mayor Black is interested.

Fort Worth, Tex. — The contract for the new union station for the Gulf, Colorado & Sante Fé Ry. Co. has been awarded Smith & Bardon, at $50,000.

Grand Rapids, Mich. — The building of a $200,000 power-plant is contemplated by some mill owners of this city.

Hartford, Conn. — Plans have been prepared by G. H. Gilbert, 67 Willard St., for a school-house for the Northeast District; cost, $20,000.

Holyoke, Mass. — It is reported that Mr. J. Pierpont Morgan has subscribed $10,000 toward the fund for a new Public Library.

Jersey City, N. J. — The contract for the Public Library is held by Norcross Bros., 160 Fifth Ave., New York City, at $190,191.

Kansas City, Mo. — The Avery & Rouse Steam Threshing Machine Co. will erect a six-story building at the corner of Santa Fé and W. 10th Sts., to cost $75,000.

Plans have been prepared by Architect George Matthews, 415 Lyceum Building, for the erection of a six-story apartment-house at 10th and Pennsylvania Sts., for I. J. Hedrick; cost, $200,000.

Kenosha, Wis. — It is stated that the plans of D. H. Burnham, Rookery Building, Chicago, Ill., have been accepted for the Simmons Public Library; cost, $90,000.

Little Rock, Ark. — Frank W. Gibb, 314 W. Markham St., has drawn plans for a new building for the Infirmary of Insane, to cost $25,000.

Lowell, Mass. — The School Board has decided to erect a new school-building on Paige and John Sts., to cost $30,000.

Madison, S. D. — At the recent session of the Legislature $22,000 was appropriated to erect and furnish a ladies' dormitory; $4,000 to build a heating-plant; $1,500 for repairs, including radiation, seats and desks and blackboards. W. H. H. Beadle, president State Normal School.

Middletown, Ind. — William S. Kaufman, Richmond, has drawn plans for a $20,000 hotel to be built by Mrs. A. D. Welsh.

Milwaukee, Wis. — A twelve-story building, 50′ x 120′, is to be erected by Henry Herman on the corner of Wisconsin St. and Broadway; cost, $200,000.

Minneapolis, Minn. — It is stated that the Board of Education will expend about $187,700 this year in the erection of schools and additions.

Newport, Ind. — It is reported that a $35,000 steel bridge is to be built across the Wabash River.

New York, N. Y. — It is reported that plans have been prepared by Barney & Chapman, 1286 Broadway, for a fireproof hotel, to be built by Mrs. Elizabeth White at 7th Ave. and 38th St.; cost, $300,000.

A new dormitory building, 50′ x 100′, is to be erected at Amsterdam Ave. and 113th St. These buildings will be built entirely by private capital, and will have private management. The university authorities, however, will exercise tutor-supervision, as is now carried on at Harvard. The Trustees of the university have granted the sanction of the name Columbia University Dormitories.

Norfolk, Va. — A $40,000 factory will be built by the Norfolk Silk Co. at Lambert's Point.

Omaha, Neb. — The architect for the Cass Street School is John Latenser. It will be built of brick and stone, at the corner of 15th and Cass Sts.; cost, $47,000.

The plans of Architect John McDonald have been accepted for the high-school building. It will be of granite, pressed-brick and terra-cotta, with tiled roof; cost, $150,000.

Parkersburg, W. Va. — It is stated that the plans of W. H. Patton have been accepted for the $25,000 school.

Philadelphia, Pa. — The American Pulley Co. has purchased about eight acres of land on the corner of 29th and Bristol Sts. Three buildings are to be erected at once, costing $250,000, and covering three acres of ground. Other buildings will be added as occasion requires. Eventually the old plant at 18th and Hamilton Sts. will be abandoned, and the entire works moved to the new site.

It is reported that Roydhouse, Arey & Co., Builders' Exchange, have received the contract to erect a plant on the corner of Glenwood Ave. and 13th St., for the National Biscuit Co., after plans by Hales & Ballenger, 1200 Chestnut St.; cost, $200,000.

Roydhouse, Arey & Co. have the contract to build a two-story shop for the Baldwin Locomotive Works, costing $65,000.

Report states that the plans of Edgar V. Seeler, 328 Chestnut St., have been accepted for the new church and Sunday-school of the First Baptist Church; cost, $160,000.

Pittsburgh, Pa. — Plans have been drawn by Alden & Harlow, architects, for a five-story fireproof hotel to be erected at Beatty and Commerce Sts., by R. B. Mellon; cost, $80,000.

Racine, Wis. — A $5,000 parsonage is to be erected by the First Presbyterian Society.

Richmond, Va. — It is said that a plant for the manufacture of machines for generating acetylene gas will be erected by the United Acetylene Co.; cost, $50,000.

Rome, Ga. — The O'Neill Manufacturing Co. have the contract for the erection of 77 houses for the Aragon Cotton Mill Co., at Long's Station, Polk County; cost, $75,000.

Scranton, Pa. — Report states that a silk-mill will be erected in this city by Klotz Bros., 487 Broadway, New York; cost, $35,000.

Starkey, N. Y. — It is said that the Northern Central Ry. contemplates erecting an iron bridge at Rock Stream; estimated cost, $45,000.

St. Joseph, Mo. — It is reported that the contract for the erection of the new Hammond plant has been let to George Parks, of South Omaha, Neb.; estimated cost of the building is, $750,000.

A fireproof, five-story hotel costing $100,000 is to be erected by the Schlitz Brewing Co., of Milwaukee.

Stonington, Conn. — It is stated that Clinton & Russell, New York, have completed plans for the new $25,000 library building for the Free Library Association.

Toledo, O. — The Dahlonega Gold Mining Co. is to erect two refining-mills costing $50,000.

Topeka, Kan. — $30,000 has been provided by the Legislature for the erection of an Administration Building for the Kansas State Insane Asylum, but the appropriation is not available until July 1, 1900.

Wabash, Ind. — Plans have been prepared by Geo. O. Garnsey, 185 Dearborn St., Chicago, Ill., for a lodge building and opera-house for the Knights of Pythias; cost, $25,000.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Washington, D. C. — The Treasury Department has sent invitations to 20 leading architects to submit competitive plans for the new Custom-house building, to be erected on the Bowling Green site in New York City.

Mr. James G. Hill has been selected to design the new building for the Government printing-office; appropriation, $2,000,000.

It has been announced that Robert N. Harper will erect an office-building at 467 C St. after plans by B. Stanley Simmons, architect. It will be four stories and basement, and will cost $30,000.

It is reported that Mrs. R. H. Townsend will make extensive improvements to her residence at 2121 Massachusetts Ave. The present building will be underpinned, new wings added, and the whole will cost $80,000.

Washington, Pa. — It is stated that the Catholic Society will build a parochial school and convent costing $30,000. Rev. Father John J. Faughnan, pastor.

Westfield, Mass. — It is stated that $30,000 has been appropriated for a Normal School.

Worcester, Mass. — It is stated that the Woman's Club will erect a new $60,000 club-house on land presented to them by Hon. Stephen Salisbury.

Plans for a new school on Grafton St. have been prepared by J. Wm. Patson; cost, $30,000.

ALTERATIONS AND ADDITIONS.

Brooklyn, N. Y. — *Watkins St.*, nr. Glenmore Ave., five-st'y brick addition to public school, 62′ x 100′, slate roof, hot air; $80,000; o., City of New York; a., C. B. J. Snyder, 585 Broadway, New York.

Philadelphia, Pa. — *Twenty-fourth and Hamilton Sts.*, two-st'y addition to factory, 50′ x 300′; $25,000; o., E. H. Godshalk Co.; c., Lewis Havens.

Worcester, Mass. — *Cambridge St.*, one-st'y bk. addition to factory, 25′ x 40′; $8,000; o., Crompton Associates; b., W. E. Putnam.

APARTMENT-HOUSES.

Boston, Mass. — *Huntington Ave.*, nr. Kenwood Road, Ward 19, five-st'y bk. apart., 49′ x 50′ x 66′, flat roof, steam; $20,000; o., S. J. Lyons; a. & b., C. A. Russell, 46 Warren St.

Norway St., Nos. 9-13, Ward 10, seven-st'y apart., 43′ x 95′, flat roof, steam; $90,000; o. & b., G. J. White, 45 Upton St.

Chicago, Ill. — *Forty-eighth St. and Indiana Ave.*, four-st'y bk. apart., comp. roof, steam; $50,000; o., Chas. R. Cane, 238 Ninety-second St.; a., Warren H. Milner, 937 Stock Exchange Building.

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(*Apartment-houses Continued.*)

Fifty-fourth Pl., cor. Jefferson Ave., four-st'y bk. & st. apart., 123′ x 150′, gravel roof, steam; $70,000; o., Geo. Williams, 6357 Drexel Ave.; a., L. E. Stanhope, 184 La Salle St.

Grace St., nr. Pine Grove Ave., four-st'y st. apart., 50′ x 74′, comp. roof, steam; $28,000; o., Wm. L. Davis; a., Thomas W. Wing, 1210 Marquette Building.

Milwaukee, Wis. — *Lisbon Ave. and Twenty-third St.*, two-st'y fr. apart., 30′ x 70′, shingle & gravel roof, hot water; $50,000; o., Henry A. Adler; a., F. H. Mueller.

New York, N. Y. — *One Hundred and Forty-third St.*, cor. College Ave., five-st'y bk. & brownstone flat, 25′ x 100′; $25,000; o., a. & b., A. Rothermel, 663 E. 144th St.

One Hundred and Eleventh St., nr. 7th Ave., six-st'y bk. flat, 50′ x 89′ 3″; $100,000; o., Ida E. Moore, 221 W. 11th St.; a., C. A. Millner, 81 E. 125th St.

East Broadway, Nos. 267-273, 3 six-st'y & base. bk. flats, 18′ & 26′ 5″ x 64′ 3″ & 64′ 9″; $55,000; H. & A. Cohen, 168 Park Row; a., Horenburger & Straub, 122 Bowery.

One Hundred and Twelfth St., cor. Lenox Ave., 4 five-st'y bk. & limestone flats, 36′ 5″ x 95′; two inside, 32′ x 90′ & 32′ 6″ x 90; street, 25′ x 85′ 6″; $150,000; o., Ast & Exner; a., John Hauser, 1441 Third Ave.

Hamilton Pl., cor. 141st St., seven-st'y bk. flat, 20′ 7″ x 104′ 11″; $75,000; o. & a., Patrick H. Lynch, 113 Convent Ave.

Second St., No. 120, six-st'y & base. bk. flat with stores, 24′ 8″ x 104′ 4″ x 106″; $27,000, o., Julius Dreyfus, 324 W. 59th St.; a., G. F. Pelham, 503 Fifth Ave.

Eighth St., No. 364, six-st'y bk. & st. flat & stores, 24′ x 82′; $25,000; o., Weil & Mayer, 35 Nassau St.; a., Schneider & Herter, Bible House.

One Hundred and Ninth St., nr. 2d Ave., six-st'y bk. flat with stores, 32′ x 88′; $42,000; o., Lamonte & B. & F. Carnese, 331 E. 109th St.; a., C. A. Millner, 81 E. 125th St.

One Hundred and Eleventh St., nr. 5th Ave., 2 five-st'y bk. & st. flats, 27′ x 86; $50,000; o. & b., Max Schaef, 1491 Third Ave.; a., Edw. Wenz, 1491 Third Ave.

Ninety-ninth St., nr. 3d Ave., 2 five-st'y bk. flats with stores, 25′ x 87′ 10″; $50,000; o., John H. Dahnke, Wendover & Webster Aves.; a., Rudolph Werner, 7 Teasdale Pl.

Eighty-first St., nr. Broadway, nine-st'y bk. flat, 49′ 10″ x 99″; $150,000; The Fireproof Apartment Co., 35 Nassau St.; a., Lamb & Rich, 35 Nassau St.; b., John Langley, 168 W. 25th St.

One Hundred and Thirtieth St., nr. Amsterdam Ave., 2 five-st'y bachelor aparts., 25′ x 60′; $30,000; o., Thos. Cowman, 2 Lind Ave., Highbridge; a., Jas. W. Cole, 403 W. 51st St.

St. Ann's Ave., cor. 157th St., 4 five-st'y bk. flats, 25′ x 95′ & 25′ x 75′; $107,000; o., Katie Nierenberg, President St., cor. Van Winkle Ave., Passaic, N. J.; a., R. Werner, 7 Teasdale Pl.; b., Isidore Cohen, 773 E. 156th St.

Park Ave., cor. 98th St., 4 five-st'y bk. & st. flats, 25′ x 95′ & 25′ x 87′; $94,000; o., Peyser Bookstaver, 430 Watkins St., Brooklyn, N. Y.; a., R. Werner, 7 Teasdale Pl.

Broadway, nr. 55th St., eight-st'y bk. flat, 77′ x 93′ x 94′ x 68′; $250,000; o., Peter Wagner, 251 W. 106th St.; a., Henry Anderson, 1180 Broadway.

Washington, D. C. — *I St., No.* 1541, five-st'y bk. & st. apart., 53′ x 81′, flat roof, steam; $32,000; o., Chas. E. Foster; a., B. Stanley Simmons.

Worcester, Mass. — *Summer St.*, five-st'y bk. apartment-block, 50′ x 78′; $25,000; o. & c., Geo. W. Houck; a., Louis Plack, Jr.

CHURCHES.

Jersey City, N. J. — *Donnelly Ave.*, nr. Marion St., one-st'y & base. bk. & st. church; $25,000; o., First United Presbyterian Church; a., Kreitler & Hebbard, 62 Broad St., New York City.

St. Louis, Mo. — *Taylor St.*, cor. Westminster St., two-st'y bk. & st. church, 120′ x 128′, slate roof, hot water; $40,000; o., Second Presbyterian Cong.; a., Theo. C. Link, Century Building.

Troy, O. — One-st'y st. church, 75′ x 120′, slate roof, steam; $30,000; o., M. E. Society; a., S. R. Badgley, 1273 Euclid Ave., Cleveland.

CLUB-HOUSES.

Boston, Mass. — *Beacon St., Nos.* 13-15, Ward 6, ten-st'y bk. club-house & offices, 53′ x 58′ x 82′, flat roof, steam; $150,000; o., Women's Club Corp.; b., J. B. Gilbreth.

EDUCATIONAL.

Cleveland, O. — Three-st'y bk. medical college, 60′ x 90′, slate & gravel roof, steam; $30,000; o., Ohio Wesleyan University; a., S. R. Badgley.

Greensburg, Ind. — Two-st'y bk. & st. school, slate roof, fan blast steam; $17,000; o., School Board; a., J. W. Gaddis, Vincennes.

New Holland, O. — Two-st'y bk. & st. school, 72′ x 82′, slate roof, hot air; $20,000; o., Board of Education; a., C. A. Stribling & Co., 85 N. High St., Columbus.

New York, N. Y. — *Ogden, Merriam and Locust Aves.*, three-st'y bk. school, 62′ x 108′; $50,000; o., Mayor, Aldermen, etc., City-hall; a., C. B. J. Snyder, 585 Broadway.

Steelton, Pa. — *Fourth St.*, cor. Elm St., three-st'y bk. high school, 90′ x 190′, slate roof, steam; $50,000; o., Town; a., T. M. Hamilton, Harrisburg.

FACTORIES.

Milwaukee, Wis. — *Cape St.*, 4 two-st'y bk. dry-kilns, 80′ x 85′, comp. roofs; $25,000; o., Julius Schroeder Lumber Co.; a., E. R. Liebert.

Pittsburgh, Pa. — *Main St.*, five-st'y bk. vinegar-factory, 100′ x 180′, steam; $50,000; o. & a., H. J. Heinz Co.

HOSPITALS.

Evansville, Ind. — Four-st'y bk. & st. insane hospital, 75′ x 200′, slate roof, blower steam; $40,000; o., State; a., Harris & Shophell, The Rookery.

New York, N. Y. — *Blackwell's Island*, nr. 51st St., two-st'y bk. hospital, 48′ x 85′; $23,000; o., City of New York; a., Horgan & Slattery 1 Madison Ave.

HOTELS.

New York, N. Y. — *Seventh Ave., Nos.* 512-520, ten-st'y bk. hotel, 100′ x 100′; $300,000; o., Eliza White, Litchfield, Conn.; a., Barney & Chapman, 44 West 34th St,

BUILDING INTELLIGENCE.

HOUSES.

Boston, Mass. — *Beacon St., No.* 898, Ward 11, two-st'y bk. dwell., 23′ x 58′, flat roof, steam; $10,000; o., Wm. L. Miller, 17 Milk St.; a., J. A. Hasty.

Fenelon St., nr. Washington St., Ward 20, two-st'y fr. dwell., 25′ x 50′, flat roof, stoves; $5,000; o., Annie M. Brummil; b., W. M. Brummil, 49 Holborn St.

Coolidge Road, nr. Holmes St., Ward 25, 2½-st'y fr. dwell., 30′ x 40′, pitch roof, hot water; $5,000; o., D. A. Smith; b., Geo. W. Hamilton, 195 Sydney St.

Clarkson St., No. 92, Ward 20, 2½-st'y fr. dwell., 25′ x 54′, pitch roof, hot water; $6,500; o., Jas. B. Dooley; a. & b., J. W. Kelland, 14 Angell St.

Stratford St., nr. Lindsey St., Ward 20, 2½-st'y fr. dwell., 25′ x 47′, pitch roof, furnace; $4,500; o. & b., Jos. K. Berry, Mattapan.

Orkney Road, No. 10, Ward 25, 2½-st'y fr. dwell., 31′ x 58′, pitch roof, furnace; $8,000; o., Jeannette H. Rogers; a. & b., Edward L. Rogers, Englewood Ave.

Tonawanda St., nr. Geneva Ave., Ward 20, twenty-eight 2½-st'y dwells., seven 26′ x 39′, seven 27′ x 39′, seven, 27′ x 41′, seven 27′ x 40′, pitch roofs, furnaces; $100,000; o. & b., Dorchester Centre Syndicate; a., C. W. Allen, on premises.

Dakota St., cor. Claybourne St., Ward 20, 2½-st'y fr. dwell., 32′ x 46′, pitch roof, furnace; $6,000; o. & b., Jas. D. McKay, 109 Glenway St.

Draper St., nr. Bowdoin St., Ward 20, 2½-st'y fr. dwell., 28′ x 48′, pitch roof, furnace; $5,500; o., Annie Chisholm; b, Hugh Chisholm, 462 Quincy St.

Dorr St., nr. Lambert St., Ward 21, two-st'y fr. dwell., 48′ x 53′, flat roof, furnace; $8,000; o., M. F. McEttrick; a., W. H. Besarick, 13 School St.

Brookline, Mass. — *Clinton Road*, two-st'y bk. dwell., furnace; $5,500; o., F. S. Partridge; a. & b., Edward L. Rogers, 58 Englewood Ave., Boston.

Cambridge, Mass. — *Columbia St., No.* 16, three-st'y fr. dwell.; $5,000; o. & b., M. & D. Phinney.

Chicago, Ill. — *California Ave.*, cor. W. 23d Pl., two-st'y bk. & st. dwell., 25′ x 65′, slate roof, hot water; $8,500; o., Dr. Wm. E. Miller, 1145 S. California Ave.; a., C. H. Sturnfield, 1238 W. 21st St.

Columbus, O. — *State St.*, cor. 6th St., two-st'y bk. store & dwell., 28′ x 52′, tin roof; $6,000; o., Dr. Otto Arnold; a., E. W. Hart & Co.

Detroit, Mich. — *Forest Ave.*, 2½-st'y bk. dwell., 42′ x 68′, slate roof, furnace; $9,000; o., H. Corey; a., Mortimer L. Smith & Son, 78 Home Savings Bank Building.

Medbury Ave., three-st'y bk. block dwells., 60′ x 80′, slate & tin roof, steam; $17,000; o., A. B. Wood, 779 E. Congress St.; a., E. C. Van Leyen, 47 Penin. Savings Bank Building.

Medbury Ave., three-st'y bk. dwell., 34′ x 54′, slate roof, combination heat; $13,000; o., A. B. Wood, 779 E. Congress St.; a., E. C. Van Leyen, 47 Peninsular Savings Bank Building.

Woodward Ave., Nos. 414 424, 12 three-st'y bk. dwells. & stores; $35,000; a., Nettleton & Kahn.

Iron Mountain, Mich. — Two-st'y fr. dwell., 36′ x 52′, shingle roof, hot water; $6,000; o., Dr. J. D. Cameron; a., Charlton, Gilbert & Demer, Milwaukee, Wis.

Midland, Mich. — Two-st'y st. & fr. dwell., 45′ x 54′, shingle roof, hot water; $5,000; o., H. H. Dow; a., Clark & Munger, Bay City.

Montclair, N. J. — *Gates Ave.*, three 2½-st'y fr. dwells., 30′ x 34′; $12,000; o., Charles Myers, 361 Broadway, New York City.

Newark, N. J. — *Irving St. and Sumner Ave.*, 2½-st'y fr. dwell.; $5,700; o., Mrs. Lena Stroud; a., P. T. MacLagan, Jr.

Hunterdon St., 2½-st'y fr. & st. dwell.; $6,000; o., Miss Mentz; a., Alfred Peter.

Newton, Mass. — *Summer St.*, Ward 6, two-st'y fr. dwell., 44′ x 44′, hot water; $7,000; o., Aug. T. B. Rice; b., A. D. Rice.

New York, N. Y. — *Ninety-fourth St.*, bet. Madison & 5th Aves., 4 five-st'y bk. & marble dwells., 19′ x 85′ & 100′; $120,000; o., B. A. Williams; a., Van Vleck & Goldsmith, 111 Fifth Ave.

Ninety-fifth St., nr. Madison Ave., 4 five-st'y bk. dwells., 16′ 17″ & 19′ x 58′; $100,000; o., Wm. W. Graham, 1238 Madison Ave.; a., Thos. Graham, 1238 Madison Ave.

Riverside Drive, cor. 79th St., 4 five-st'y bk. dwells., 17′, 17′ 2″ & 28′ x 53′, 59′ & 72′; $105,000; o., The Riverside Building Co., 2291 Broadway; a., Clarence True, 2291 Broadway.

Boulevard, nr. 159th St., 3 three-st'y & base. bk. dwells., 24′ 10″ & 30′ 10″ x irregular; $48,000; o., Miss Emma Fish, St. Nicholas Ave., n e cor. 128th St.; a., L. F. J. Weiher, Jr., Mt. Morris Bank Building.

One Hundred and Sixth St., nr. Riverside Drive, 4 four-st'y & base. bk. dwells., 23′ x 61′; $110,000; o., J. A. Farley, 967 Boulevard; a., Janes & Leo, 765 Boulevard.

Union Ave., nr. Home St., 4 two-st'y fr. dwells., 19′ x 46′; $20,000; o., Thos. Farley, 17 Ritter Pl.; a., W. H. Hopkins, 1030 E. 169th St.

Bradhurst Ave., No. 29, 2 four-st'y bk. dwells., 38′ x 47′; $12,000; o., Andrew Nelson, 28 Bradhurst Ave.; a., Richard R. Davis, 247 W. 125th St.

Greenwich St., No. 596, three-st'y bk. stable & dwell., 25′ 1″ x 75′ 6″ & 76′ 3″; $9,000; o., W. G. Langdon, 719 Fifth Ave.; a., A. O. Hoddick, 57 W. 24th St.

Philadelphia, Pa. — *Maryland St.*, bet. Howard & Morton Sts., 12 two-st'y bk. dwells., 16′ x 43′; $33,000; o., Chas. Miller; b., Scott Building Co.

Osage Ave., Nos. 4525-4535, 6 three-st'y bk. dwells., 18′ x 56′; $28,000; o., W. M. Taylor; b., Frank W. Evans.

Sherwood Road, nr. 63d St., Overbrook, 2 three-st'y bk. & st. dwells., 26′ x 49′; $10,000; o., Herman Wendell; b., Milton W. Young.

Venango St., nr. 15th St., 5 three-st'y bk. dwells., 15′ x 59′; also *Fifteenth St.*, nr. Venango St., three-st'y bk. dwell., 16′ x 66′; $21,500; o. & b., Frank D. Williams.

River Forest, Ill. — Two-st'y fr. dwell., 38′ x 42′, shingle roof, hot water; $6,000; o., J. L. Krueger, 226 Franklin St., Chicago; a., F. P. Burnham & Co., Atwood Building, Chicago.

South Bend, Ind. — Two-st'y bk. & fr. dwell., 42′ x 71′, slate roof, furnace; $5,500; o., Walter & Fulk; a., C. A. Brehmen.

St. Paul, Minn. — *Summit Ave.*, two-st'y fr. dwell.;

(*Houses Continued.*)

$5,600; o., D. M. Murphy; a., Clarence H. Johnston.

St. Louis, Mo. — *Westminster Pl.*, bet. Lake & Union Aves., three-st'y bk. & st. dwell., 46′ x 50′, slate & tin roof, hot water; $20,000; o., Mrs. Eliza S. Boogher; a., F. C. Bonsack.

Worcester, Mass. — *Rodney St.*, two-st'y fr. dwell., 27′ x 46′; $4,000; o., G. A. Soderberg; b., Axel Erikson.

Laurel St., three-st'y fr. dwell., 27′ x 58′; $3,400; o., Carl Vanellan; c., L. M. Peterson.

Marie Ave., two-st'y fr. dwell. & one-st'y fr. private stable; $10,000; o., A. A. Spaulding; a., Barker & Nourse; c., Rankin & Woodside.

Salisbury St., two-st'y fr. dwell.; $8,000; o., R. B. Dodge; a., Geo. H. Clemence; c., James I. Elliott.

Blossom St., two-st'y fr. dwell., 36′ x 61′; $6,500; o., Mrs. A. J. Brooks; c., F. Jefts; a., Barker & Nourse.

Esther St., two-st'y fr. dwell., 24′ x 38′; $3,000; o., Peter Baker; c., J. J. Higgins.

Esther St., three-st'y fr. dwell., 26′ x 44′; $4,000; o., M. Holmgren; c., J. J. Higgins.

Camp St., three-st'y fr. dwell., 28′ x 50′; $4,000; o., Mrs. A. Foley; b., F. J. Yates; a., E. T. Chapin.

Englewood Ave., two-st'y fr. dwell.; $3,200; o., Herbert M. Howe; c., D. M. Waterman & Co.

Isabelle St., two-st'y fr. dwell., 28′ x 42′; $3,500; o. & b., D. M. Waterman & Co.

Millbury St., two-st'y fr. dwell., 28′ x 40′; $4,600; o. & b., D. M. Waterman & Co.

Orne St., two-st'y fr. dwell., 28′ x 56′; $6,000; o., Thomas F. McGuinness; c., Daniel Clancey.

Vernon St., two-st'y private dwell.; $7,000; o., Jeremiah Hennesey; a., J. P. Kingston.

Gilman St., two-st'y fr. dwell., 22′ x 32′; $3,000; o., Mrs. Adeline Stacey; a., D. M. Waterman & Co.

Florence St., three-st'y fr. dwell., 30′ x 52′; $4,300; o. & c., L. L. Flagg.

Millbury St., three-st'y fr. dwell., 33′ x 49′; $4,800; o., Geo. Boepple; c., R. G. Tannebring; a., J. W. Patston.

Boardman St., three-st'y fr. dwell., 28′ x 52′; $4,200; o., C. G. Lindberg; c., Erik Erikzen.

Boardman St., three-st'y fr. dwell., 28′ x 52′; $4,500; o., Carl Helsing; c., Erik Erikzen.

W. Boylston St., three-st'y fr. dwell., 27′ x 56′; $5,000; o., Otto Malmberg; c., Axel Erikson.

PUBLIC BUILDINGS.

Charleston, W. Va. — *Lee and Dickinson Sts.*, three-st'y st. annex to capitol, 84′ x 100′, tile roof, steam; $60,000; o., State of W. Virginia; a., Harrison Albright.

Oshkosh, Wis. — Two-st'y bk. & st. Jail & sheriff's residence, slate & iron roof, steam; $22,000; o., Winnebago County; a. & c., Champion Iron Works, Kenton, O.

STABLES.

Boston, Mass. — *Kenwood Road*, nr. Brookline Ave., Ward 19, 1½-st'y bk. stable, 11′ x 21′, pitch roof; $1,200; o., Pat'k F. Kelley, 46 Hillside St.; a., R. A. Watson.

Beacon St., rear No. 536, Ward 11, two-st'y bk. stable, 22′ x 36′, flat roof; $1,500; o., Mary H. Kittredge; b., A. S. Drisko, 166 Devonshire St.

E. First St., No. 625, Ward 14, 1½-sty fr. stable, 12′ x 15′, pitch roof; $200; o. & b., Gilmore Elec. Co.

Oakland St., nr. Favre St., Ward 24, 1½-st'y stable, 20′ x 25′, pitch roof; $1,000; o. & b., C. E. Dwyer.

Brooklyn, N. Y. — *Eighty-sixth St.*, nr. 22d Ave., one-st'y fr. stable, 25′ x 65′; $1,000; o., P. Flynn, on premises; a., M. Rosenpoist, 205 Twenty-third St.; b., Ida Johnson, 14th Ave. & 46th St.

Fisher's Island, N. Y. — Two-st'y fr. private stable, 6 stalls; $5,000; o., R. P. Lingerman, Bethlehem, Pa.; a., Bruce Price, 1133 Broadway, New York City.

Hot Springs, Va. — Two-st'y fr. stable & carriage-house; $20,000; o., Virginia Hot Springs Co.; a., Elzner & Anderson, Cincinnati, O.

Jersey City, N. J. — *Central Ave., No.* 262, two-st'y bk. & st. stable, 25′ x 50′; $3,500; o., Chas. Knodell; a., Emil Guhl.

New York, N. Y. — *W. Fifty-fifth St., Nos.* 527-531, one-st'y bk. stable, 25′ x 70′; $1,200; o., Maguire Bros., 401 West End Ave.; a., A. J. MacManus, 156 W. 119th St.

W. Thirty-eighth St., Nos. 540-542, five-st'y bk. stable, 50′ x 95′ & 98′ 9″; $20,000; o., Jas. Kennedy, 449 W. 28th St.; a., J. L. Jordan, 449 W. 28th St.

One Hundred and Twenty-sixth St., No. 105, three-st'y bk. stable, 25′ x 89′ 11″; $10,000; o., Otto Stahl, 339 E. 46th St.; a., B. W. Berger, 121 Bible House.

Peapack, N. J. — Three-st'y fr. barn; $10,000; o., C. Ledyard Blair, 33 Wall St., New York City; a., Carrère & Hastings, New York City.

Philadelphia, Pa. — *Sixth St.*, cor. Willow St., two-st'y bk. stable, 56′ x 104′; $50,000; o., Finley, Acker & Co.; c., J. E. & A. L. Pennock.

Sixth St., cor. Willow St., 1½-st'y bk. stable, 56′ x 104′; $50,000; o., Finley, Acker & Co.; a., John D. Allen; c., J. E. & A. L. Pennock.

Drexel Road, No. 5938, two-st'y bk. stable, 22′ x 39′; $2,500; o., David Pearson; b., Milton W. Young.

Smithboro, Ill. — Fr. stable, 60′ x 100′; $8,000; o., Heath & Milligan, 170 Randolph St., Chicago; a., Julian Barnes, Chicago.

St. Louis, Mo. — *Biddle and Eighteenth Sts.*, one-st'y bk. stable, 70′ x 90′, comp. roof; $8,000; o., Comet Bros.; a., Chas. F. May.

Worcester, Mass. — *Harlow St.*, two-st'y fr. stable, 40′ x 62′; $4,000; o., J. B. Shattuck; c., Cutting, Bardwell & Co.

Gold St., two-st'y bk. stable, 35′ x 58′; $4,000; o., F. E. Reed Co.; c., Geo. M. Hubbard.

STORES.

Milwaukee, Wis. — *National Ave.*, cor. Grove St., four-st'y bk. store & office-building, 52′ x 100′, comp. roof, steam; $25,000; o., Sumkf & Langhoff; a., O. Nehling.

New York, N. Y. — *Eighth and St. Nicholas Aves.*, w s, four-st'y bk. loft with store, 75′ 8″ x 113′ 4″; $75,000; o., Arthur Gorsch, 1444 Third Ave.; a., W. O. Tait, 1238 Madison Ave.

Fifth Ave., No. 229, five-st'y bk. store, 20′ x 100′; $30,000; o., J. G. Wallace, 236 E. 50th St.; a., Oswald Wirz, 156 Fifth Ave.

Thirty-second St., nr. 7th Ave., five-st'y & base. bk. stores & lofts, 25′ x 86′; $22,000; o., Fred'k Brandt, 169 E. 85th St.; a., John Brandt, 116th St. & 8th Ave.

Fourteenth St., Nos. 34-38, and *Thirteenth St., Nos.* 33-37, five-st'y bk. store, 75′ x 206′ 6″; $200,000;

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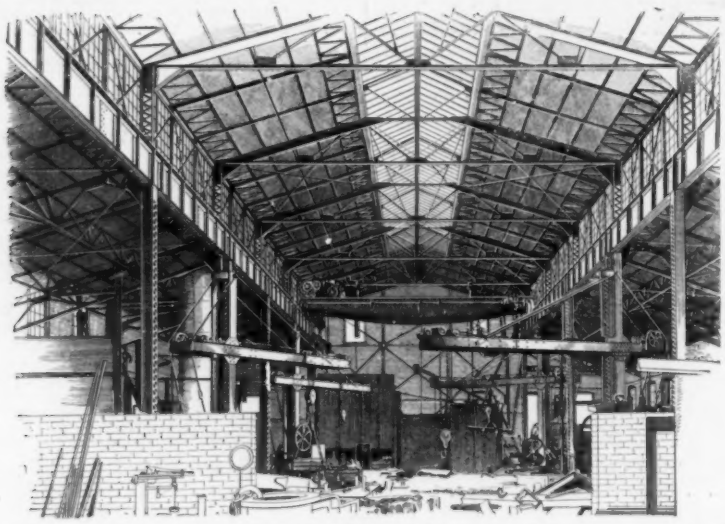

The above illustration is taken direct from a photograph and shows the interior of a Foundry building which was designed and built complete by us for S. F. Hodge & Co., at Detroit, Mich. Each wing is 24 ft. in width, and the central portion is 40 ft. in width, this latter controlled by a Crane, with a travel the full length of the building. The crane girder posts are designed to carry jib cranes, as shown. The roof is covered with our Patent Anti-Condensation Corrugated-iron. The building is absolutely fireproof, and the corrugated-iron roof is guaranteed not to drip during the coldest weather.

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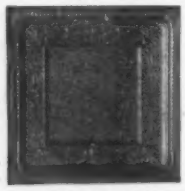

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(*Stores Continued.*)

o., Bernard J. Ludwig, 57 E. 80th St.; a., Louis Korn, 37 Maiden Lane.

E. Tenth St., No. 60, six-st'y bk. lofts with stores, 25′ x 89′ 3″; $23,000; o., A. J. C. Anderson; a., R. N. Anderson.

Broadway, Nos. 683-685, twelve-st'y bk. & st. store, 50′ x 95′; $200,000; o., Robert Hoe, 504 Grand St.; a., H. Wheeler Smith, 7 Wall St.

St. Louis, Mo. — *Thirteenth St. and Washington Ave.*, seven-st'y bk. & st. store building, 137′ x 168′, comp. roof, steam; $50,000; o., Lindell Real Estate Co.; a., Shepley, Rutan & Coolidge, Chemical Building.

TENEMENT-HOUSES.

Boston, Mass. — *Charter St.*, nr. Salem St., Ward 6, five-st'y bk. tenement, 39′ x 41′ x 51′, flat roof, stoves; $20,000; o., Rachel Bornstein; a., Hunt & Chapman, Tremont Building.

Brooklyn, N. Y. — *Broadway*, cor. Bartlett St., 4 four-st'y bk. & st. flats with store, 25′ x 90′; $42,000; o., Mrs. A. Reinhardt, 277 Hart St.; a., W. B. Wills.

President St., nr. 7th Ave., 5 four-st'y bk. flats, 27′ x 77′, flat roof, steam; $55,000; o., Louis Bonert; a., Wm. Higginson, 108 Fulton St., New York City.

Bedford Ave., cor. Sterling Pl., four-st'y bk. flat, 27′ x 98′, flat roof, hot water; $16,000; o., James Burke, 73 Greene Ave.; a., J. L. Young.

BUILDING INTELLIGENCE.

(*Theatres and Halls Continued.*)

New York, N. Y. — *W. Twenty-second St., No.* 246, six-st'y & base. bk. tenement, 25′ x 85′ 1″; $28,000; o., Julius Dreyfus, 324 W. 59th St.; a., Geo. F. Pelham, 503 Fifth Ave.

E. Tenth St., No. 221, six-st'y bk. tenement, 25′ x 80′ 9″; $25,000; o., Leopold Kaufmann, 35 Nassau St.; a., Schneider & Herter, 46 Bible House.

Monroe St., cor. Pike St., six-st'y bk. tenement, 34′ 8″ x 45′ 6″; $20,000; o., L. Rattner, on premises; a., M. Bernstein, 245 Broadway.

Bedford St., cor. Thomas St., six-st'y bk tenement, 40′ x 50′; $35,000; o., Emanuel Glauber, 352 Bowery; a., W. C. Dickerson, 149th St. & 3d Ave.

E. Houston St., No. 252, six-st'y bk. tenement with stores, 24′ 10″ x 90′ 10″; $28,000; o., L. & J. Pizer, 123 E. 65th St.; a., Geo. F. Pelham, 503 Fifth Ave.

E. One Hundred and Fifth St., No. 225, five-st'y bk. tenement, 25′ x 85′ 8″; $28,000; o. & a., Peter J. Herter, 1032 Lexington Ave.

E. Seventh St., No. 198, six-st'y bk. tenement, 25′ x 77′ 4″; $22,000; o., Chas. Weinstein, 228 E. 117th St.; a., Schneider & Herter, 46 Bible House.

Chrystie St., No. 30, six-st'y bk. tenement with stores, 25′ x 85′ 8″; $28,000; o., Bernard Klingenstein, 156 E. 79th St.; a., Geo. F. Pelham, 503 Fifth Ave.

Grand St., cor. Suffolk St., 2 six-st'y bk. tenements with stores, 37′ 6″ x 88′ 8″ & 95′ 2″; $85,000; o., Henry Fischel, 215 E. Broadway; a., Sam'l Sass, 23 Park Row.

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(*Tenement Houses Continued.*)

MISCELLANEOUS.

Fargo, N. D. — *Fifth St. and First Ave.*, two-st'y bk. & st. Masonic Temple, 47′ x 75′, asbestos & iron roof, steam; $30,000; o., Scottish Rite Masons; a., Hancock Bros. & E. Beeke.

Freeport, Ill. — Two-st'y & base. bk. & st. City-hall, library & fire-station, 66′ x 145′, slate & copper roof, steam blast; $50,000; o., City of Freeport; a., D. S. S. Schureman, Masonic Temple, Rockford.

COMPETITIONS.

JAIL. [At New Orleans, La.]
Proposals will be received at this office **until May 29** for plans and specifications for the building of a police jail in the rear of the 3d Ward, the cost not to exceed $30,000. W. S. DOUGLASS, comptroller. 1221

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

SCHOOL-HOUSE. [At Toledo, O.]
Sealed proposals will be received by F. Hubbard, Business Manager, Board of Education, **until May 29**, for material and labor required in the erection of a school-building at Waite Ave. and Hicks St. 1221

SCHOOL-BUILDING. [At Tekamah, Neb.]
Sealed proposals will be received **until May 30**, for the erection and heating and ventilating of a nine-room school-house. G. W. GREEN, Sec. Board of Education. 1221

HEADQUARTERS BUILDING. [At Danville, Ill.]
Sealed proposals will be received at the office of the National Home for Disabled Volunteer Soldiers, Danville, Illinois, **until the 31st day of May, 1899**, for furnishing materials, labor, etc., and erecting a building for the Headquarters at the Danville Branch of the National Home for D. V. Soldiers. J. M. BERMINGHAM, General Treasurer, N. H. D. V. S. Approved. 1221

BUILDING. [At Sitka, Alaska.]
Bids are wanted **May 31** for a building for the Agricultural Experiment station. C. C. GEORGESON, Special Agt. in charge of Alaska investigation. 1221

SCHOOL-HOUSE. [At Toledo, O.]
Bids are wanted **May 29** for a school. FRANKLIN HUBBARD, Clk. Bd. Educ. 1221

SCHOOL-HOUSE. [At Pleasantville, Ia.]
Bids are wanted **May 31** for a school. W. R. PARSONS & SON CO., archts., Des Moines. 1221

DRILL-HALL. [At Vancouver, B. C.]
Bids are wanted **May 30** for a drill-hall. E. F. E. ROY, Sec. Dept. Pub. Works, Ottawa, Ont. 1221

ADDITION TO COURT-HOUSE. [At Salisbury, N. C.]
Bids are wanted **May 29** for an addition to the Court-house. J. FRANK McCUBBINS, Chmn. Bd. Co. Commrs. 1221

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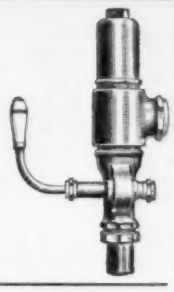

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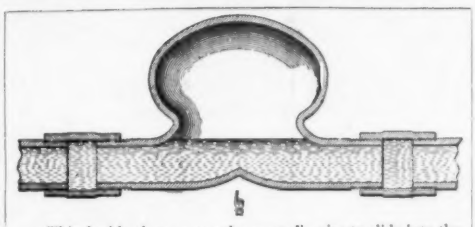

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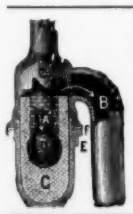

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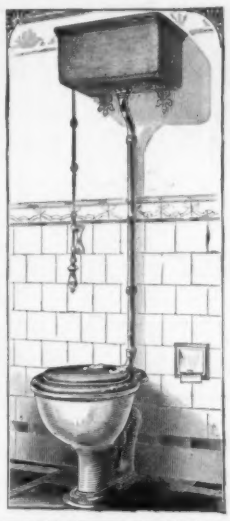

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PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., May 15th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of June, 1899, and then opened, for the construction (except heating apparatus, electric wiring and conduits) of the U. S. Post-office, Newport, Ky., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Postmaster at Newport, Ky. JAMES KNOX TAYLOR, Supervising Architect. 1222

BRIDGES. [At Brookings, S D.]
Bids are wanted **June 1** for 2 steel or combination bridges. L. H. STORGAARD, Co. Aud. 1222

BRIDGES. [At Cumberland, Md.]
Bids are wanted **June 6** for 10 steel bridges. D. P. LE FEVRE, Co. Engr. 1222

REPAIRS ON CUSTOM-HOUSE. [At Detroit, Mich.]
Bids are wanted **June 7** for alterations and repairs to the U. S. Custom-house. 1222

SCHOOL-HOUSES. [At Ely, N. D.]
H. Abercrombie, Clerk Mouse River School District, will receive bids **until June 5**, for erecting two school-houses. 1222

BRIDGE. [At Humboldt, Ia.]
Bids are wanted **June 6** for a steel bridge. HARWOOD SHARP, Co. Aud. 1222

HEATING PLANT. [At Ludden, N. D.]
Bids are wanted **June 1** for furnishing a boiler and installing a steam-heating plant in North Dakota Industrial and Manual Training School. T. H. FANS, Secy. Bd. Trus. 1222

ANNEX TO COURT-HOUSE. [At Marietta, Ga.]
Bids are wanted **June 22** for remodelling the present Court-house and for an annex to same. GOLUCKE & STEWART, architects, 24½ Whitehall St., Atlanta. 1222

SCHOOL-HOUSE. [At Mayfield, O.]
Bids are wanted **Jnue 3** for a school. G. J. STRAIGHT, Clk. Bd. Educ. 1222

MARKET-HOUSE. [At San Antonio, Tex.]
Bids are wanted **June 5** for a market-house and convention hall. W. W. JOHNSON, City Clk. 1222

PROPOSALS.

POST HOSPITAL. [At Madison Barracks, N. Y.]
Bids are wanted **June 5** for a Post Hospital; also for heating, plumbing, etc., in same. LT. T. A. PEARCE, 7th Inf., Q. M. 1222

BRIDGE. [At Plymouth, Ind.]
Bids are wanted **June 8** for constructing a bridge and repairing stone abutments of a bridge over Pine Creek, Polk Township. FRED'K SEIDER, Chmn. Co. Commrs. 1222

JAIL. [At Oglethorpe, Ga.]
Bids will be received **until June 15** for erecting a two-story Jail building for Macon County. J. D. FREDERICK, Chairman County Commissioners. 1222

HOSPITAL. [At Shoshane Agency, Wyo.]
Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals will be received at the Indian Office **until June 5, 1899**, for furnishing and delivering all necessary materials and labor required to erect and complete a brick hospital at the Wind River Boarding School, Shoshane Agency, Wyoming. A. C. TONNER, acting commissioner. 1222

CAST-IRON PIPE, ETC. [At California, O.]
Sealed proposals will be received at the office of the Board of Trustees, "Commissioners of Waterworks," of the City of Cincinnati, Ohio, **until June 13th, 1899**, for the manufacture, furnishing and delivery of cast-iron pipe and special castings for the settling reservoirs and for the pump mains from the Eastern pumping-station, on the Waterworks grounds, near the Village of California, Hamilton County, Ohio. AUG. HERRMANN, President. CHARLES G. ROTH, Clerk. 1222

BRIDGE. [At Washington, D. C.]
Proposals will be received at the office of the Commissioners of the District of Columbia **until May 27, 1899**, for the construction of a bridge across Piney Branch in Rock Creek Park, District of Columbia. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, commissioners, D. C. 1221

DORMITORY. [At Puyallup Agency, Wash.]
Sealed proposals will be received **until May 25** by W. A. Jones, commissioner of Indian Affairs, Washington, D. C., for one frame dormitory, mess-hall, laundry and water and sewer system, at Puyallup agency, Washington. 1221

PROPOSALS.

STEAM-HEATING PLANT. [At Ellendale, N. D.]
Bids are wanted **June 1** for furnishing a boiler and installing a steam-heating plant in the North Dakota Industrial and Manual Training School. T. H. FAUS, Secy. Bd. Trustees, Ludden, N. D. 1221

DORMITORY. [At Grand Forks, N. D.]
Bids are wanted **May 24** for a dormitory at the State University. JOSEPH KENNEDY, Secy. Bd. Trustees. 1221

WING TO HOSPITAL. [At Ft. Steilacoom, Wash.]
Bids are wanted **May 24** for a wing at the Western Washington Hospital for the Insane. ERNEST LESTER, Secy. State Bd. of Audit and Control, Tacoma, Wash. 1221

ENGINEERING SHOP. [At Bremerton, Wash.]
Bids are wanted **June 10** for a steam engineering shop and boiler house at the Puget Sound Naval Station. MORDECAI T. ENDICOTT, Ch. Bureau Yards nd Docks, Navy Dept., Washington, D. C. 1221

SCHOOL. [At Pleasant City, O.]
Bids are wanted **May 27** for a school in Valley Township. O. R. TAYLOR, City Clk. 1221

SCHOOL. [At Beattyville, Ky.]
Bids are wanted **June 1** for a school. THOMAS PRYSE, secretary. 1221

Treasury Department, Office Supervising Architect, Washington, D. C., May 9, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 7th day of June, 1899, and then opened, for the changes, alterations and repairs to the U. S. Custom-house, etc. (old), at Detroit, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the U. S. Court-house, Post-office, etc., building at Detroit, Michigan. JAMES KNOX TAYLOR, Supervising Architect. 1221

Sealed proposals will be received at the office of the Light-house Engineer, Tompkinsville, N. Y., until 12 o'clock M., of Saturday, the 27th day of May, 1899, and then opened, for furnishing the material and labor for the completion and delivery of the metalwork for the East Face Wharf, Light-house Depot, Tompkinsville, N. Y., in accordance with specifications, copies of which, with blank proposals and other information, may be had upon application to D. P. HEAP, Lieut.-Colonel, Corps of Engineers, U. S. A. 1221

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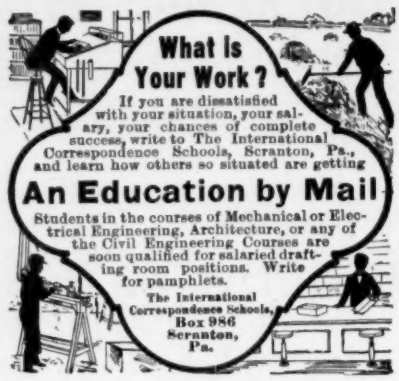

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SECTION 12. The American Institute of Architects' "schedule of charges" represents minimum rates for full, faithful and competent service. It is the duty of every architect to charge higher rates whenever the demand for his services will justify the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

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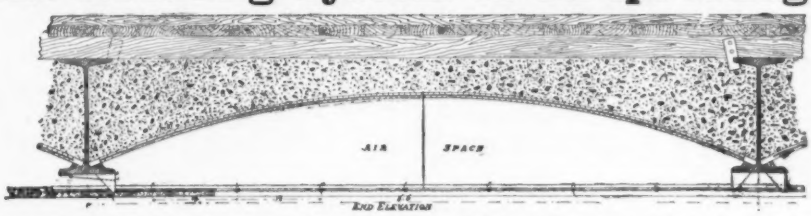

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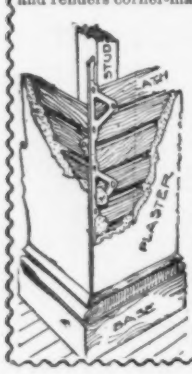

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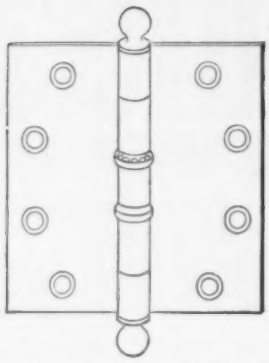

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Foundation:				
Dimension	@	5 00 ℗ ton.	20 @ foot	@ 5 00
Block	@	4 60 ℗ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
Brown (Connecticut)	1 00 @	1 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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℗ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (℗ *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 (℗ *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. ℗ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 00 @
LUMBER. — ℗ 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	@ 25 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce	@ 25 00	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea 13½ @ 14	12 50 @ 15 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 @ 45 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 50 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	18 00 @ 21 00	20 00 @ 28 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	2 25 @ 2 30	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℗ 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 ℗ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30" $35 @ 40
Cedar split ℗ M		@ 6 00	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20" 35 @ 14
Cypress. Split ..... 7 x 24 "	18 00 @ 20 00	5 00 @ 6 0^		11 00 @ 14

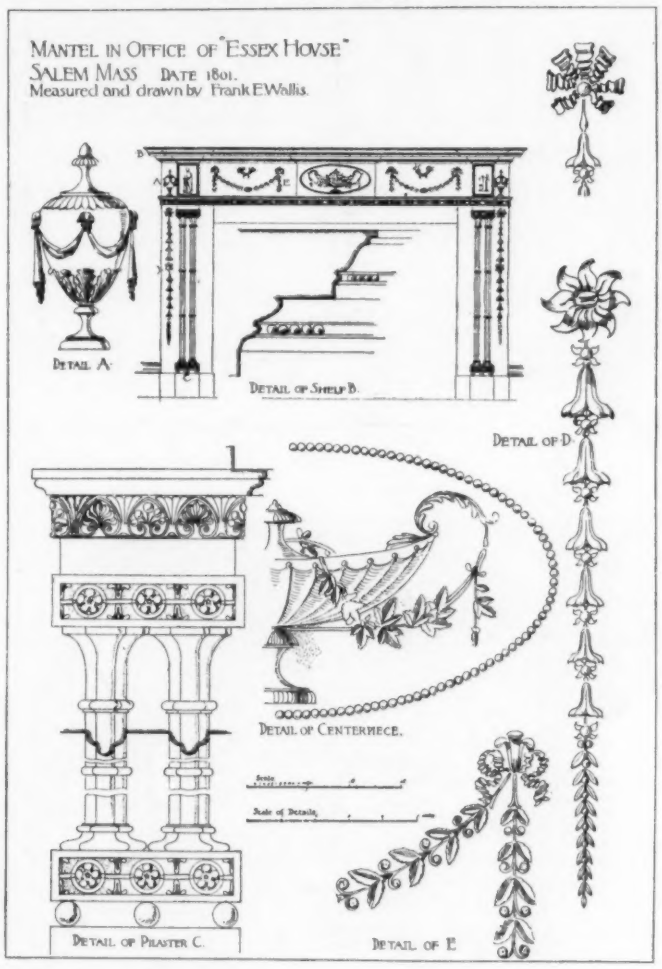
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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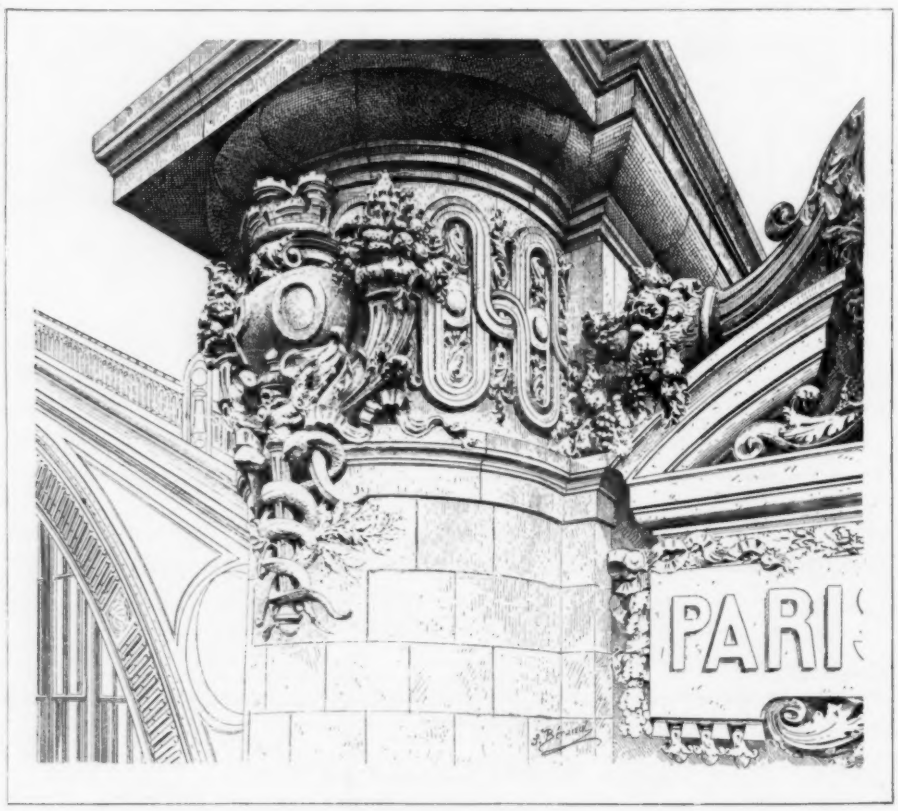

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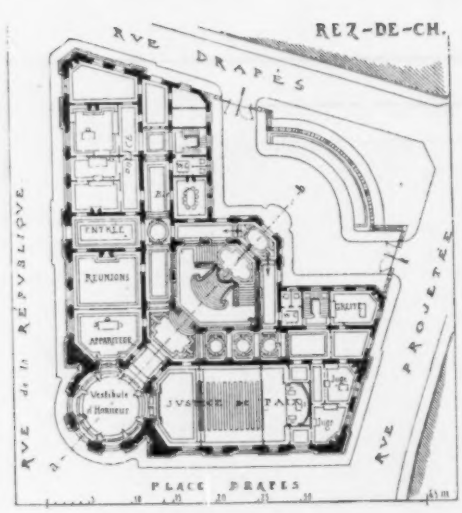

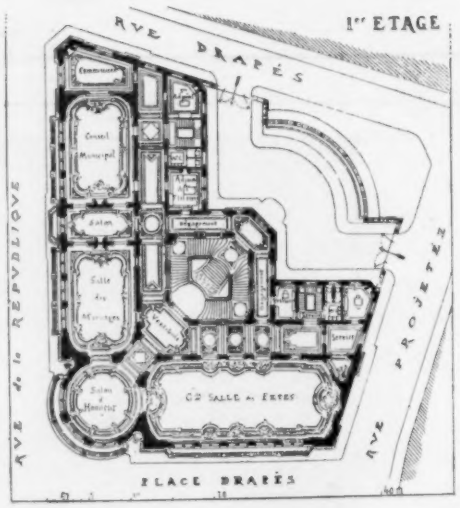

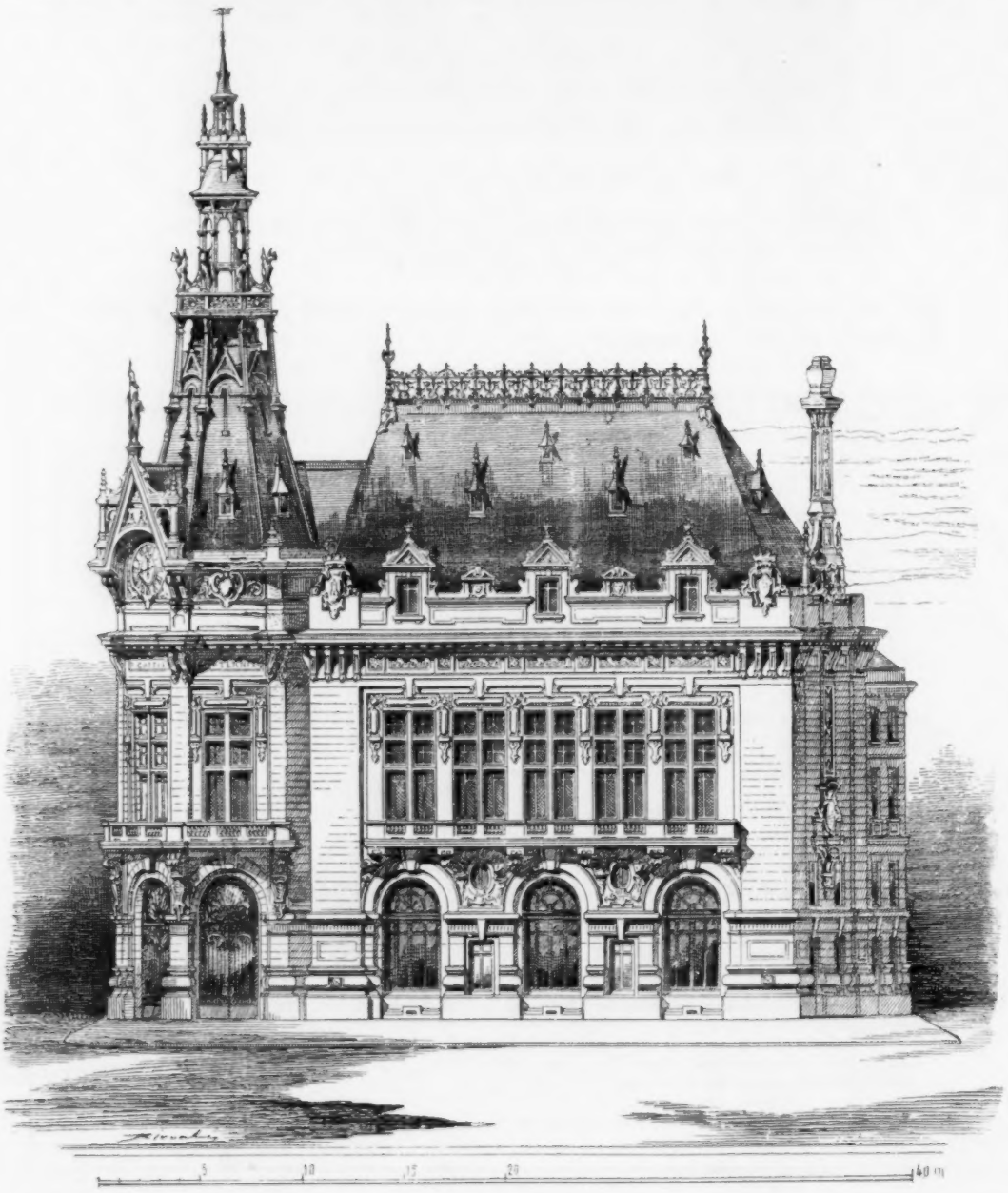

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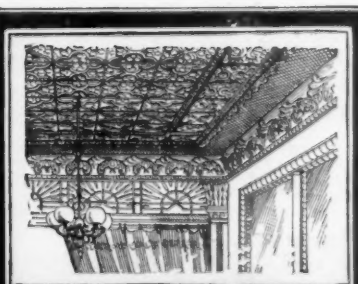

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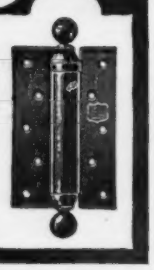

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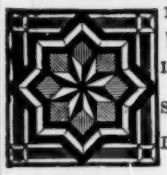

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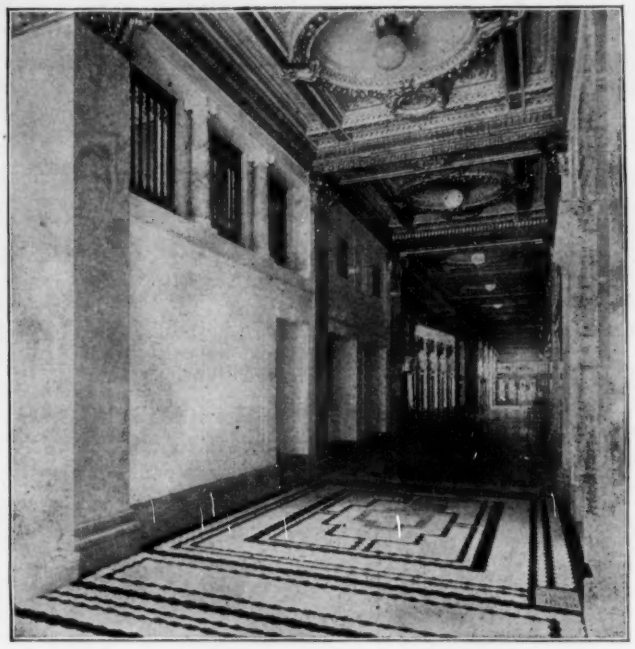

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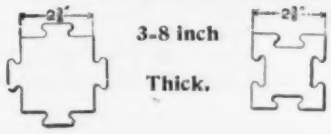

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ARCHITECTS' REMOVALS, Etc.

THE firm of Walker & Kimball, architects, Boston and Omaha, has been dissolved. Mr. Kimball will continue the practice of architecture at 508 McCague Building, Omaha, Nebraska. During Mr. Walker's absence abroad his business interests will be left in charge of Mr. Geo. B. Howe, 13 Exchange St., Boston, Mass. 1222

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ARCHITECTS' REMOVALS, ETC.

C. H. BLACKALL, architect, has removed from Music Hall Building to the Old Congregational House, No. 1 Somerset Street, Room 17, Boston. 1222

F. CARL POLLMAR, architect and architectural engineer, has opened an office at Room 26 Cleland Building, 29-31 State St., Detroit, Mich., and would be glad to receive catalogues, etc. 1222

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POSITION. — Young lady typewriter and stenographer (studying architecture and experienced in that business) wishes position in architect's office (New York or vicinity). Understands architectural book-keeping. Good references. "F. Morfilt," 57 Gould Ave., Newark, N. J. 1222

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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.*]

624,898. DEVICE FOR OPERATING ELEVATOR LANDING-DOORS. — Earl C. Akers, Port Huron, Mich.

624,900. METHOD OF MANUFACTURING ARTIFICIAL STONE. — Thomas W. Barber, London, Eng.

624,903. WATER-HEATER. — John F. Borne and Richard C. McClure, Buffalo, N. Y.

624,909. PIPE-REGISTER. — James W. Conchar, Dubuque, Ia.

624,923. GLASS FACING-TILE. — John Gordon, London, Eng.

624,941. DOOR-CHECK. — Louis C. Jensen, Blooming Prairie, Minn.

624,944. WINDOW FRAME AND SASH AND DOOR-CASING. — Andrew Jones and Henry Harig, Cincinnati, O.

624,945. PORTABLE DEVICE FOR THAWING FROZEN GROUND. — Louis L. Kendall, Williamsburg, Ky.

624,952. AUTOMATIC GATE FOR ELEVATOR-WELLS. — William T. Lisenby and Alfred R. Baldwin, Springfield, Mo.

624,959. WATER-CLOSET. — Charles H. Moore, Yonkers, N. Y.

624,976. ROOFING FABRIC. — Robert J. Redick, St Louis, Mo.

624,984. DETACHABLE FIRE-FRONT. — Martin L. Scanlan, Louisville, Ky.

624,985. APPARATUS FOR PURIFYING SEWAGE. — William D. Scott-Moncrieff, London, Eng.

625,008. MORTISING AUGER OR MACHINE. — Jos. D. Wood, Milwaukee, Wis.

625,019. SPIRIT-LEVEL. — Charles O. L. Cardell, Pearl River, N. Y.

625,041. TREE BALLING AND TRANSFERRING DEVICE. — Leonidas H. Landis and Harry S. Landis, Orangevale, Cal.

BUILDING PATENTS.

625,054. SASH-BALANCE. — John H. McKernan, Chicago, Ill.

625,070. DIE FOR MAKING MOSAICS. — Antonio Travaglini, Philadelphia, Pa.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Akron, O. — Plans have been prepared for a $60,000 edifice for the St. Bernard R. C. Church.

Batavia, N. Y. — It is stated that Leon H. Lempert & Son, of Rochester, have prepared plans for a $35,000 opera-house.

Boston, Mass. — The lot of vacant land on Commonwealth Ave., near Hereford St., belonging to Geo. A. Nickerson, has been sold to Geo. A. Draper, of Hopedale, who will erect thereon a handsome residence. The land is assessed at $8 a square foot.

This city is to have a new medical library. The Society has voted to sell the present building at 19 Boylston Pl., which it has occupied since 1878, and an offer of $25,000 has been received for the property. The site of the new building has not been definitely decided upon, but the choice lies now between two lots, one on the Fenway, adjoining the new building of the Massachusetts Historical Society, and the other on St. Botolph St. The question will be submitted to a vote of the 300 or more members of the Library Society.

The School Board Committee on New Buildings voted 4 to 1, appointing Harrison H. Atwood, city architect under Mayor Thomas N. Hart, as architect of the new Normal School building, for which $300,000 has just been appropriated. Mr. Francis L. Coolidge was the opposing member, who says: "It is true that I am a minority of one opposing in the sub-committee the selection of Mr. Atwood, and I am confident that when my colleagues appreciate what they are doing and hear from the growing indignation of the public that they may reconsider their action. There has been a popular impression which they may have shared, that the fight against Mr. Atwood was of a personal nature. This is not the case. Although up to the present time there have only been rumors that Mr. Atwood was to be chosen, it is astonishing what an amount of indignant interest has already been excited. It is no breach of confidence for me to say that steps have already been taken by some of the most prominent men of both parties to organize a definite movement against the selection of Mr. Atwood as architect of this important city building. This movement will be given definite shape within a few days, when a statement will be issued to the public, and its importance plainly made manifest."

Brattleboro, Vt. — It is reported that H. C. Wood, of Westfield, has been awarded the contract to build a $15,000 business block.

Cambridge, Mass. — Plans have been prepared by G. Fogarty for a $45,000 school to be erected on Harvard St.

Canton, O. — It is said that a stone and brick block is to be erected for W. E. Homer on Market and 4th Sts.; cost, $20,000.

Charles City, Ia. — A $30,000 high school is to be erected here.

Chicago, Ill. — The contract to erect a ten-story building on Clark and Adams Sts. has been awarded

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*

the D. H. Burnham Co., Rookery Building; cost, $700,000.

Huehl & Schmid, 59 Metropolitan Block, have designed a three story apartment-house to be erected at the corner of North Ave. and Humboldt St., for H. D. Baragwanath, 48 W. Division St.; cost, $60,000.

It is stated that a $20,000 edifice will be erected for the Lexington Ave. Baptist Church. Rev. M. P. Boynton, pastor.

Cincinnati, O.—David Hummel & Co. have received the contract for the new $50,000 library for the Cincinnati University.

Columbia, Pa. — The erection of a $35,000 school is contemplated.

Columbia, S. C.—A $20,000 city-hall may be erected here.

Columbia City, Ind. — It is stated that J. M. E. Riedel has prepared plans for a $17,000 store building.

Duluth, Minn. — Palmer, Hall & Hunt have drawn plans for the $75,000 Normal School building to be erected here.

Duquesne, Pa. — Report states that A. J. Long, 335 Fifth Ave., Pittsburgh, have prepared plans for a $20,000 school-building to be erected here.

East Liverpool, O. — It is reported that a company is to be organized with a capital of $80,000 to establish a brewery. G. W. Meredith and Jos. Turnbull are interested.

Evansville, Ind.—It is stated that Bailey & Koerner have received the contract for a new wing at the Hospital for Insane, at $32,869.

Fall River, Mass. — Plans have been prepared for a $15,000 addition to the office-building of M. T. Hudner, S. Main St.

Louis G. Destremps has prepared plans for a $20,000 edifice for St. Roch Church, Rev. T. Giguere, pastor.

Holyoke, Mass. — It is stated that Toomey & Shea have received the contract to build a chapel on Hampden St., for Rev. P. J. Harkins. The cost will be in the neighborhood of $20,000.

Huntington, W. Va. — It is reported that Harrison Albright, of Charleston, has prepared plans for a $25,000 building for the Home for Incurables.

Idlewood, Pa. — It is stated that the Board of Managers of St. Paul's R. C. Orphan Asylum have selected the plans of Edw. J. Stotz, of Pittsburgh, for the new $100,000 asylum to be erected here.

New Brunswick, N. S. — It is reported that an $8,000 addition will be made to the County Court-house, containing a retiring-room for judges, a waiting-room for women, and a room for a law library.

Philadelphia, Pa. — Report states that Archbishop Ryan contemplates the purchase of land at Wayne and Seymour Streets, and also of a plot near Wayne Junction, on which to erect a church to relieve the overcrowded condition of St. Vincent de Paul's Church, on Price Street, and the chapel of the Immaculate Conception, on Chelten Avenue, Germantown, which, combined, accommodate a membership of nearly 10,000 persons.

It is also stated that a church will be built to accommodate the 500 Italian Catholics scattered through Germantown.

Salt Lake City, Utah. — It is said that the prospective Federal Building is giving Assistant-secretary Taylor a good deal of trouble, owing to a controversy between Mormons and Gentiles over a site. The Mormons offer as a sign of reconciliation with the Government the gift of a fine site in the heart of the city, near the Temple, and across the street from Zion's Coöperative Trading Store. The Gentiles offer other sites, also gratuitously. Undoubtedly one of the sites offered as a gift will

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

be chosen, thus saving the Government some thousands of dollars.

West Newton, Mass.—The Trevelli Estate, on West Newton Hill, has been cut up into eleven house lots, and a new street is to be laid out through it from Valentine St. to Berkeley St., parallel to Chestnut. The lots are restricted against stables and to high cost private residences. Chas. L. Hall, Fred'k B. Bancroft and Henry S. Robbins have purchased three of the most desirable lots and will built at once.

Utica, N. Y.—It is stated that Thomas R. and Fred'k I. Procter, of this place, have bought a plot of land in the city for $35,000, and presented it to the city for a public library site.

Winfield, Kan. — An appropriation of $50,000 has been made for a new building at the Osawatomie Insane Asylum, also $40,000 for a building at the Imbecile Asylum. Wm. E. Harris, of Kansas City, will prepare the plans.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Fifty-seventh St.*, cor. 5th Ave., 2 four-st'y bk. & st. flats, 25′ x 90′ & 25′ x 60′; $20,000; o. & b., Herman H. Lucke, 37th St., near 5th Ave.; a., Thos. Bennett, 198 Fifty-third St.

Huron St., 4 three-st'y bk. & marble flats, 25′ x 65′; $30,000; o., Wm. P. McGarry, 236 Huron St.; a., P. Tillion, 121 Meserole St.

Minneapolis, Minn. — *Third Ave.*, cor. 11th St., three-st'y bk. apart., 60′ x 80′, gravel roof, steam; $25,000; a., W. C. Whitney.

New York, N. Y.—*One Hundred and Sixth St., Nos.* 208-210, 2 five-st'y bk. flats with stores, 25′ x 85′ 8″; $56,000; o., Peter J. Herter, 1052 Lexington Ave.; a., Peter Herter & Son, 1052 Lexington Ave.

W. Central Park, cor. 89th St., seven-st'y bk. flat, 50′ 8″ x 95′; $100,000; o., Matthews & Eppenstein, 459 Boulevard; a., Clarence True, 459 Boulevard.

Tenth Ave., cor. 42d St., six & seven-st'y bk. flats with stores, 89′ 9″ x 89′ 9″ & 98′ 9″; $75,000; o., New York Firepr of Tenement House Assoc., 35 Wall St.; a., Ernest Flagg, 35 Wall St.

Broadway, bet. 78th & 79th Sts., 2 five-st'y bk. flats with stores, 40′ & 42′ 2″ x 50′; $40,000; o., Estate Sarah Sandford, 11 W. 34th St.; a., P. F. Brogan, 119 E. 23d St.

Montgomery St., cor. E. Broadway, six-st'y bk., st. & terra-cotta store & tenement, 35′ x 75′; $30,000; o., M. Goodman, 233 E. 50th St.; a., M. Bernstein, 245 Broadway.

One Hundred and Eighth St., nr. Amsterdam Ave., 2 five-st'y bk. flats, 25′ x 85′ 6″; $40,000; o., Henry N. Benson, 730 Columbus Ave.; a., M. V. B. Ferdon, 64 E. 90th St.

E. Eleventh St., Nos. 610-616, 3 six-st'y bk., st. & terra-cotta stores & tenements, 25′ x 80′ 6″; $75,000; o., Harris Goldberg, 6 Varet St., Brooklyn; a., Schneider & Herter, Bible House.

Cauldwell Ave., cor. 156th St., six-st'y & base. bk. & st. flat, 28′ x 160′; $25,000; o., Arthur Gorsch, 1444 Third Ave.; a., A. Franz Wolfgang, 143 W. 125th St.

CHURCHES.

Atlanta, Ga.—*North Ave.*, two-st'y bk. & st. church, 60′ x 105′, slate roof, furnace; $20,000; o., North Avenue Presbyterian Society; a., Bruce & Morgan.

CLUB-HOUSES.

Brooklyn, N. Y. — *Manhattan Ave.*, cor. Varet St., four-st'y bk. club-house, 50′ x 75′, steam heat; $25,000; o., Rubinson Bros., 142 Stockton St.; a., H. Vollweiler, 483 Hart St.

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Brooklyn, N. Y. — *Whipple St.*, nr. Throop Ave., 2 three-st'y bk. schools, 57′ x 100′, steam heat; $46,000; o., All Saints R. C. Church, on premises; a., F. J. Berlenbach, 260 Graham Ave.

Detroit, Mich. — *Miami Ave., No.* 50, 2 two-st'y school-houses, 70′ x 150′ & 106′ x 117′; $70,000; o., Board of Education; a., Malcomson & Higginbotham, 53 Moffat Building.

Harvey, Ill. — Two-st'y bk. school, 80′ x 105′, tile roof, steam; $40,000; o., Town; a., Oscar L. McMurray, 6441 Greenwood Ave., Chicago.

La Salle, Ill. — Two-st'y bk. & st. school, 81′ x 81′, tile roof, steam; $20,000; o., Board of Education; a., John H. Barnes, Joliet.

Minneapolis, Minn. — *St. Anthony Park*, three-st'y bk. & st. college building for horticulture & physics, 50′ x 80′, slate roof, steam; $35,000; o., University of Minnesota; a., Charles R. Aldrich, 708 Lumber Exchange.

New York, N. Y. — *Lexington Ave.*, cor. 92d St., four-st'y st. school, 78′ x 100′; $85,000; o., Jacob H. Schiff, 932 Fifth Ave.; a., Arnold W. Brunner, 36 Union Sq.

St. Paul, Minn.—*Iglehart, Farrington and Western Aves.*, three-st'y bk. chapel, assembly & dining halls, 70′ x 100′, copper roof, steam; $50,000; o., St. Joseph's Female Academy; a., E. J. Donohue, Gilfillan Block.

FACTORIES.

New York, N. Y. — *Eighteenth St., Nos.* 128-132, seven-st'y bk. factory, 50′ x 82′; $100,000; o., John S. Huyler, 64 Irving Pl.; a., John W. Marshall, 121 Bible House.

HOTELS.

New York, N. Y. — *Madison Ave.*, cor. 66th St., eight-st'y bk. hotel, 50′ x 100′ 5″; $3 0,000; o. & a., Louis Korn, 37 Maiden Lane.

HOUSES.

Boston, Mass. — *Anderson St., No.* 13, Ward 11, two-st'y bk. dwell., 20′ x 50′, flat roof, stoves; $5,000; o. & b., Israel Sirk and Jas. Alport.

York St., nr. Glenway St., Ward 20, 2½-st'y fr. dwell., 30′ x 50′, pitch roof, furnace; $5,000; o., a. & b., Victor Walmer, 9 Bradshaw St.

Topliff St., nr. Bowdoin St., Ward 20, two-st'y fr. dwell., 25′ x 49′, flat roof, furnace; $5,000; o., W. A. McLean, 118 Chandler St.; a., A. H. Vinal.

Arcadia St., nr. E. 2d St., Ward 15, two-st'y fr. dwell., 22′ x 49′, flat roof, stoves; $4,000; o., Margt.

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This sale offers a good opportunity not only to students and draughtsmen, but should cause all subscribers to collate their files and attempt to secure, before it may be too late, any numbers that have been lost or destroyed.

If there be any former subscriber who would like to take up his subscription at the point where he dropped it, it might be worth his while to communicate with us, as the opportunity is such as to allow us the unusual enjoyment of taking part in a "dicker."

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BUILDING INTELLIGENCE.

(Houses Continued.)

Conney; a. & b., D. Campbell, 32 Magdala St., Dorchester.

Dennis St., nr. Moreland St., Ward 17, three-st'y bk. dwell., 22′ x 54′, flat roof, stoves; $6,000; o. & b., Jacob Scheffereen, 42 Court St.

Kerwin St, nr. Harvard St., Ward 20, 2½-st'y fr. dwell., 26′ x 45′, pitch roof, furnace; $4,500; o. & b., David Kenney, 28 Barrett St., Revere.

Maple St., nr. Centre St., Ward 23, two-st'y fr. dwell., 31′ x 35′, pitch roof, furnace; $6,000; o., Mary J. Harris; b., W. W. Ham.

Mattapan St., nr. Blue Hill Ave., Ward 24, two-st'y fr. dwell., 27′ x 45′, pitch roof, furnace; $5,000; o., Geo. W. Hain, Mattapan; a. & b., F. H. Randlett.

Hollander St, nr. Humboldt Ave., Ward 21, 14 two-st'y fr. dwells., 24′ x 50′, flat roofs, stoves; $60,000; o., a. & b., John J. Johnston, 65 Bainbridge St.

Wellesley Park, nr. Park St., Ward 20, two 2½-st'y fr. dwells., one 27′ x 41′, other 20′ x 27′ x 58′, pitch roofs, furnaces; $8,000; o. & b., Haddock & Allen; a., C. W. Allen, 12 Vinson St., Dorchester.

Wentworth St., nr. Norfolk St., Ward 24, 2½-st'y fr. dwell., 26′ x 40′, pitch roof, furnace; $4,500; o., W. E. Littlefield, 26 Wentworth St., Dorchester; a. & b., Geo. S. Cole.

Seaver St., nr. Humboldt Ave., Ward 21, 2½-st'y fr. dwell., 28′ x 47′, pitch roof, hot water; $6,500; o., Duncan Robinson; b., W. A. Davidson, 190 Harvard St., Dorchester.

Columbia Road, nr. Dorchester Ave., Ward 16, 2-st'y fr. dwell., 32′ x 43′, pitch roof, furnace; $5,000; o., Ellen S. Gookin; b., R. J. Gookin, 54 Dorset St.

Hillside St., No. 45, Ward 19, two-st'y fr. dwell., 24′ x 59′, pitch roof, stoves: $5,000; o., Henry Hunt; b., Fouhs & Wangler, 17 Mansur St.

Raven St., nr. Crescent Ave., Ward 20, 6 two-st'y fr. dwells., 26′ x 45′, flat roofs, stoves; $25 000; o., Peter B. Corbett; a. & b., Watson & Waite, 536 First St.

Atherton St., nr. Amory St., Ward 22, 1½-st'y fr. parsonage, 21′ x 45′, pitch roof, furnace; $4,000; o., M. E. Society; b., G. W. Mitchell.

Saxton St., nr. Savin Hill Ave., Ward 20, 4 two-st'y bk. dwells., 20′ x 40′, flat roofs, stoves; $15,000; o. & b., Nathan G. Green, 31 Exchange St.

Brooklyn, N. Y. — *Rogers Ave.*, cor. Midwood St., 3 three-st'y bk. dwells., 20′ x 50′; $15,000; o., W. A. A. Brown, Flatbush Ave. & Midwood St.; a., Lawton & Field, 95 Lenox Road; b., J. McArthur, Bedford & Putnam Aves.

Throop Ave., nr. Thornton St., three-st'y bk. & terra-cotta rectory, 38′ x 58′; $22,000; o., All Saints R. C. Church; a., F. J. Berlenbach, 260 Graham Ave.

Beverly Road, nr. E. 15th St., two-st'y & attic fr. dwell., 33′ x 35′ 6″, shingle roof; $6,000; o., John Parkins, 1603 Beverly Road; a., J. J. Petit, 186 Remsen St.

Eighth Ave., nr. 1st St., 3 three-st'y & base. bk. dwells., 20′ x 48′; $31,500; o., a. & b., Peter J Collins, 67 Clermont Ave.

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New York, N. Y. — *Lexington Ave.*, cor. 92d St., four-st'y bk. & st. educational building, 78′ x 106′; $85,000; o., Young Men's Hebrew Asso.

COMPETITIONS.

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8″ to the foot to 1-16″ to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., May 18, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of June, 1899, and then opened, for the construction (except heating apparatus, elevator and electric wire conduits) of the U. S. Public Building at Helena, Montana, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the site at Helena, Montana. JAMES KNOX TAYLOR, Supervising Architect. 1223

COURT-HOUSE. [At Williston, N. D.]
Bids are wanted **until June 14** for a Court-house. H. V. SMITH, Co. Aud. 1223

ADDITION TO DORMITORY. [At Phœnix, Ariz.]
Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals will be received at this office **until June 5, 1899,** for furnishing the materials and labor required in construction and completion of an addition to the boys' dormitory at the Phœnix Indian School, Ariz. A. C. TONNER, acting commissioner. 1222

SCHOOL. [At Cleveland, O.]
Bids are wanted **June 10** for a school. H. Q. SARGENT, School Dir. 1223

ANNEX TO CAPITOL. [At Charleston, W. Va.]
Bids will be received **until June 15** for an annex to the State Capitol, to cost $60,000. HARRISON ALBRIDGE, archt. 1223

BUILDING. [At Pullman, Wash.]
Bids for the construction of Science Hall and Ferry Hall on the grounds of the State Agricultural College and School of Science will be received at the office of the secretary **up to 9 o'clock June 5.** E. A. BRYAN, Pres. 1222

HEATING PLANT. [At Corvallis, Ore.]
Bids will be received **June 6** at the office of the architect, Edgar M. Lazarus, Portland, for a heating plant for the State Agricultural College. 1222

REMODELLING BUILDINGS. [At Salem, Ore.]
Department of the Interior, office of Indian Affairs, Washington, D. C. Sealed proposals will be received at this office **until June 28, 1899,** for furnishing the necessary materials and labor required to remodel the present school-building into a dining-hall and kitchen. Thomas W. Potter, superintendent Indian School, Chemawa, Ore. A. C. TONNER, acting commissioner. 1223

STEWARD'S QUARTERS. [At Ft. Monroe, Va.]
Fort Monroe, Va. Sealed proposals will be received here **until June 10, 1899,** for constructing hospital steward's quarters. C. P. TOWNSLEY, Q. M. 1223

BUILDING INTELLIGENCE.

(Houses Continued.)

Chicago, Ill. — *Lake View*, two-st'y st. dwell., 25′ x 65′, comp. roof, steam; $7,000; o., Fred Foehringer, 166 Randolph St.

New York, N. Y. — *Forty-seventh St.*, nr. 5th Ave., 10 two-st'y bk. dwells., 20′ x 45′; $50,000; o., Albert French, 281 Forty-seventh St.; a., Thos. Bennett, 198 Fifty-third St.

Fifty-second St., nr. 5th Ave., 10 two-st'y bk. dwells., 20′ x 42′; $50,000; o., Charles Hamilton, 271 Fifty-second St.; a., Thos. Bennett, 198 Fifty-third St.

One Hundred and Thirteenth St., nr. Amsterdam Ave., five 4½-st'y bk. dwells., 20′ x 55′; $90,000; o., Marie Cook, 203 W. 117th St.; a., H. F. Cook, 109 W. 42d St.

Mott Ave., cor. Pond Pl., two-st'y bk. dwell., 27′ x 50′; $10,000; o., E. J. McClusky, 528 E. 164th St.; a., Chas. Baxter & Son, 2580 Third Ave.

One Hundred and Ninth St., nr. Broadway, 5 five-st'y bk. dwells., 18′, 19′, 25′ x 62′ 6″; $112,000; o., E. M. Stavey, 108 Centre Ave., New Rochelle; a., Brower & Gayle, 2787 Broadway.

Fifty-sixth St., Nos. 12-14, five-st'y bk. dwell., 38′ x 80′; $75,000; o., H. B. Hollins, 15 Wall St.; a., McKim, Mead & White, 160 Fifth Ave.

One Hundred and Fifth St., nr. West End Ave., 4 four-st'y & base. bk. dwells., 18′ & 19′ x 77′; $100,000; o., H. M. Weed, 57 W. 95th St.; a., Janes & Leo, 765 Boulevard.

Fifth Ave., nr. 82d St., five-st'y st. dwell., 25′ x 66′; $50,000; o., Kath. T. Gelshenen, 254 W. 73d St.; a., R. W. Buckley, 384 Park Ave.

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OFFICE-BUILDINGS.

Detroit, Mich. — *Gratiot Ave., Nos.* 10-12, ten-st'y steel & bk. building; $35,000; o., Michigan Telephone Co.; a., Rogers & McFarlane.

Cass and Milwaukee Aves., one-st'y bk. exchange; $9,000; o., Michigan Telephone Co.; a., Rogers & McFarlane.

TENEMENT-HOUSES.

Brooklyn, N. Y. — *Sands St.*, nr. Bridge St., 2 five-st'y bk. tenements, 25′ 6″ x 80′; $40,000; o., W. W. Davies, 189 Montague St.; a., F. S. Lowe, 186 Remsen St.

New York, N. Y. — *One Hundred and Fifty-second St.*, nr. Courtlandt Ave., five-st'y bk. & st. fireproof tenement, 30′ x 100′; $30,000; o., Fred Schmidt, cor. Eagle & Westchester Aves.; a. & gen'l c., Albert Rothermel, 663 E. 144th St.

Thompson St., No. 174, six-st'y bk. tenement, 25′ x 87′ 8″; $25,000; o., D. H. & J. Solomon, 63 Monroe St.; a., M. Bernstein, 245 Broadway.

One Hundred and Thirty-eighth St., nr. Amsterdam Ave., 2 five-st'y bk. tenements, 25′ x 86′ 9″; $60,000; o., John Davis, 162d St. & Kingsbridge Road; a., Henri Fouchaux, Broadway & 162d St.

Broome St., nr. Attorney St., six-st'y bk. & st. stores & flats, 40′ x 65′; $28,000; o., Isidor Ginsberg, 63 Norfolk St.; a., M. J. Smallheiser, 192 Bowery.

St. Ann's Ave., cor. 158th St., 3 five-st'y bk. & st. flats, 32′ x 95′ & 27′ x 75′; $45,000; o., J. Lipsky, 98 E. Broadway; a., M. J. Smallheiser.

St. Ann's Ave., cor. Rae St., 6 five-st'y bk. & st. flats, 25′ x 87′; $100,000; o., Mrs. Mary Schaefer, Brook Ave. & 145th St.; a., Edw. Wenz.

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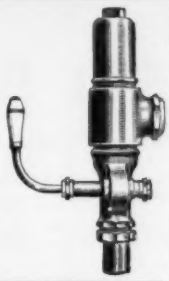

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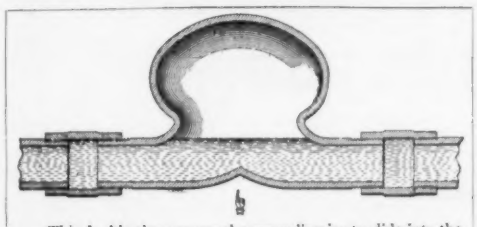

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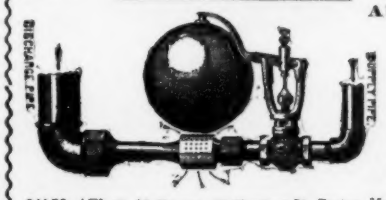

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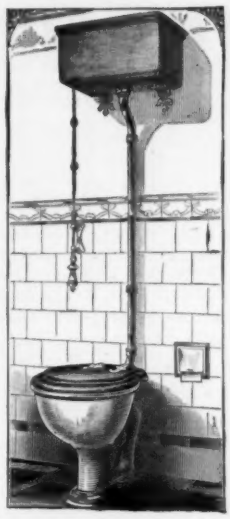

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PROPOSALS.

HEATING PLANT. [At Devil's Lake, N. D.]
Sealed proposals for installing a heating plant at the School for the Deaf at Devil's Lake, North Dakota, will be received at the office of the superintendent **until June 6, 1899.** L. A. LARSON, Secretary of the Board of Trustees. 1222

CONSTRUCTION, HEATING, ETC. [At Washington, D. C.]
Treasurer's Office U. S. Soldiers' Home, Washington, D. C. Sealed proposals will be received **until June 3, 1899,** for the following improvements at the U. S. Soldiers' Home, Washington, D. C.: 1st, Remodel the present King Building, and erect two wings thereto; 2d, Erect extension to boiler-house; 3d, Remodel present heating and ventilating apparatus, King Building, and furnish labor and material necessary to a new system throughout present building and new wings; 4th, Furnish and place in position one new boiler and change position of present No. 6 boiler. CHAS. W. TAYLOR, captain, 9th U. S. Cavalry, secretary and treasurer. 1222

ELECTRIC LIGHTING SYSTEM. [At Chilocco, O. T.]
Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals will be received **until June 15, 1899,** for furnishing the materials and labor required to construct an electric lighting system at the Chilocco Indian Industrial School, O. T. 1223

QUARTERS FOR STAFF OFFICERS. [At Fort Mott, N. J.]
Sealed proposals for furnishing labor and material required in construction Frame Double Set Non-Commissioned Staff Officers' Quarters will be received at the office of Quartermaster **until June 10, 1899.** 1223

CHURCH. [At Dover, N. J.]
Sealed proposals will be received **until June 8, 1899,** at office of George Richards, Esq., Dover, N. J., for the erection and completion of the Hoagland Memorial Church, at Dover, N. J. Proposals to be for the following: mason work, cut-stone work, carpenter work and roofing, plumbing work, painting and wood-finishing, steam-heating and ventilation. 1223

Treasury Department, Office Supervising Architect, Washington, D. C., May 15th, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of June, 1899, and then opened, for the construction (except heating apparatus, electric wiring and conduits) of the U. S. Post-office, Newport, Ky., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Postmaster at Newport, Ky. JAMES KNOX TAYLOR, Supervising Architect. 1222

BRIDGES. [At Brookings, S. D.]
Bids are wanted **June 1** for 2 steel or combination bridges. L. H. STORGAARD, Co. Aud. 1222

BRIDGES. [At Cumberland, Md.]
Bids are wanted **June 6** for 10 steel bridges. D. P. LE FEVRE, Co. Engr. 1222

REPAIRS ON CUSTOM-HOUSE. [At Detroit, Mich.]
Bids are wanted **June 7** for alterations and repairs to the U. S. Custom-house. 1222

PROPOSALS.

SCHOOL-HOUSES. [At Ely, N. D.]
H. Abercrombie, Clerk Mouse River School District, will receive bids **until June 5,** for erecting two school-houses. 1222

BRIDGE. [At Humboldt, Ia.]
Bids are wanted **June 6** for a steel bridge. HARWOOD SHARP, Co. Aud. 1222

HEATING PLANT. [At Ludden, N. D.]
Bids are wanted **June 1** for furnishing a boiler and installing a steam-heating plant in North Dakota Industrial and Manual Training School. T. H. FANS, Secy. Bd. Trus. 1222

ANNEX TO COURT-HOUSE. [At Marietta, Ga.]
Bids are wanted **June 22** for remodelling the present Court-house and for an annex to same. GOLUCKE & STEWART, architects, 24½ Whitehall St., Atlanta. 1222

SCHOOL-HOUSE. [At Mayfield, O.]
Bids are wanted **Jnue 3** for a school. G. J. STRAIGHT, Clk. Bd. Educ. 1222

MARKET-HOUSE. [At San Antonio, Tex.]
Bids are wanted **June 5** for a market-house and convention hall. W. W. JOHNSON, City Clk. 1222

POST HOSPITAL. [At Madison Barracks, N. Y.]
Bids are wanted **June 5** for a Post Hospital; also for heating, plumbing, etc., in same. LT. T. A. PEARCE, 7th Inf., Q. M. 1222

BRIDGE. [At Plymouth, Ind.]
Bids are wanted **June 8** for constructing a bridge and repairing stone abutments of a bridge over Pine Creek, Polk Township. FRED'K SEIDER, Chmn. Co. Commrs. 1222

JAIL. [At Oglethorpe, Ga.]
Bids will be received **until June 15** for erecting a two-story Jail building for Macon County. J. D. FREDERICK, Chairman County Commissioners. 1222

HOSPITAL. [At Shoshane Agency, Wyo.]
Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals will be received at the Indian Office **until June 5, 1899,** for furnishing and delivering all necessary materials and labor required to erect and complete a brick hospital at the Wind River Boarding School, Shoshane Agency, Wyoming. A. C. TONNER, acting commissioner. 1222

CAST-IRON PIPE, ETC. [At California, O.]
Sealed proposals will be received at the office of the Board of Trustees, "Commissioners of Waterworks," of the City of Cincinnati, Ohio, **until June 13th, 1899,** for the manufacture, furnishing and delivery of cast-iron pipe and special castings for the settling reservoirs and for the pump mains from the Eastern pumping-station, on the Waterworks grounds, near the Village of California, Hamilton County, Ohio. AUG. HERRMANN, President. CHARLES G. ROTH, Clerk. 1222

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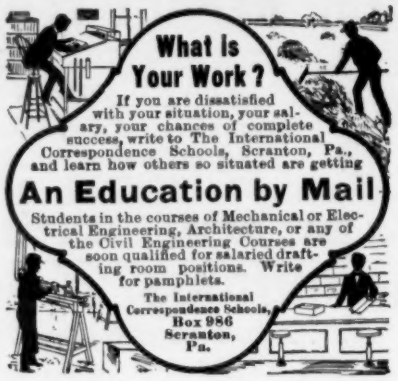

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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."

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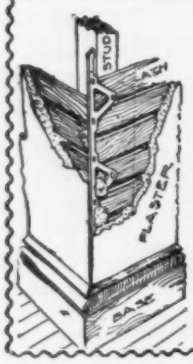

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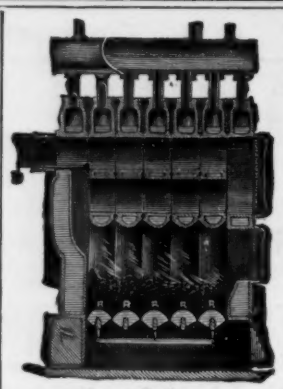
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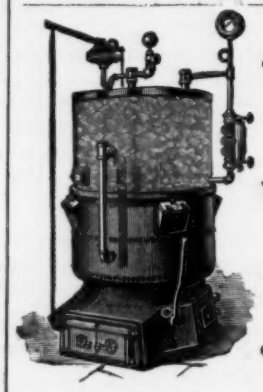

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Long Island	@	Domestic Face	Enam. Imp. Bk.	" @ 7 00
Up River	6 00 @ 6 37½	18 00 @ 25 00	125 00 @ 145 00	Salmon @ 5 50
Haverstraw Bay 2d	@ 6 00	Philadelphia	Enam. Domes.	Sq. " @ 5 50
" 1st	@ 6 37½	35 00 @ 40 00	70 00 @ 85 00	Light Stretchers
Hollow	@ 7 00	10 00 @ 11 00	Select Red Sand-	9 00 @ 11 00
Fronts:	@		Mold...10 00	Medium "
Croton, Brown	@ 12 00	Phila. mould	St. Louis Hyd'lc	@ 12 00
" dark	@ 12 00	50 00 @ 80 00	Press ..27 00	Red "
" red	@ 12 00		Collinsville, do	@ 12 00
Chicago pressed		Enamelled B'k.	.....22 00	Dark "
" Moulded		Imported	Findlay, do 22 00	@ 12 00
Baltimore	37 00 @ 41 00	Enam. (edge)	Chicago, do	Pressed
Philadelphia	19 00 @ 21 00	105 00 @ 120 00	assorted shades	@ 17 00
Trenton	17 50 @ 18 50	" (edge & end.)	16 00 @ 20 00	Paving
Milwaukee		120 00 @ 135 00	Chicago, do	11 00 @ 13 0
Moulded:		Domestic.	Brown..24 00	Second " @ 12 00
Red Pressed	@ 29 00	Enam. (edge)	Chicago, do Red	Third " @ 10 00
Buff "	@ 27 00	90 00 @ 100 00	Roman..24 00	
Moulded Red & Buff	45 00 @ 70 00	" (edge & end.)	Chicago, do Br'n	
Enamelled: *Imp.*		110 00 @ 115 00	Roman..27 00	
Enamelled (edge)	85 00 @ 100 00		Bushnell Buff	Dom. @ 65
Enamelled (edge and end)	90 00 @ 110 00		.....25 00	@ 85
CEMENT, LIME, etc. (₱ *cask.*)				
Rosendale Cement	65 @ 75	5 00 @ 1 00	*Not sold.*	1 30 @ 1 50
Louisville "		@	75 @ 1 00	S.H.Fs'l 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	*Not sold.*	@	75 @ 1 00	@
Portland, Eng. (Gibbs)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00		2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50	@	2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	B'ks, Shoobridge	@	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	& Co.,	@	Josson
" " (Lagerdofer	@	English 2 30	2 60 @ 2 90	2 60 @ 2 75
" " (Dyckerhoff)	2 75 @ 3 00	2 75 @ 3 00	3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	@	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	3 50 @ 4 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	@ 7 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50	8 00 @ 9 00	9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Teil	@ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@		25 @ 30
Chicago Lime in bulk	St. John		45 @ 55	White Mash
Wisconsin Lime	@		45 @ 55	1 25 @ 1 50
Rockland and Rockport, (Com.).	80 @ 85	@ 90	*Not sold.*	1 00 @ 1 00
Rockland, finish	90 @ 95	@ 95	*Not sold.*	
Kelley Island Lime, finish	@	@	1 00 bulk, 75c.	
State, Com. cargo rates	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
Plaster-of-Paris (calcined)	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) ₱ *bush*	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat)	17 @ 19	@ 30	20 @ 25	30 @
Sand, ₱ *load*	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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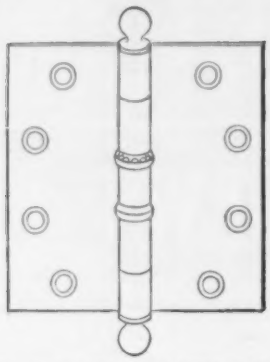

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STONE. (℔ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @ foot	@ 5 00
Block	@	4 60 ℔ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Bellevillo	80 @ 1 25	25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	*Not sold.*	1 05 @ 1 15
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (℔ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (℔ *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 (℔ *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. ℔ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ℔ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	2 30 @ 2 35	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ℔ 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 ℔ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30" $35 @ 40
Cedar split ℔ M		@ 6 00	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20" 35 @ 14
Cypress. Split.....7 x 24 "	18 00 @ 20 00	5 00 @ 60"		11 00 @ 14

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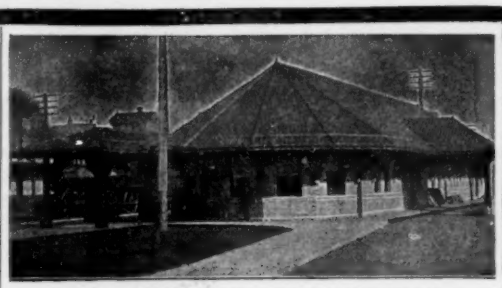

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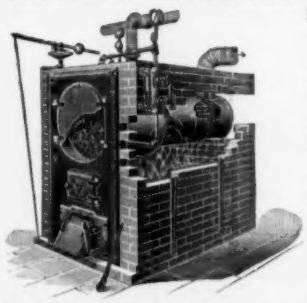

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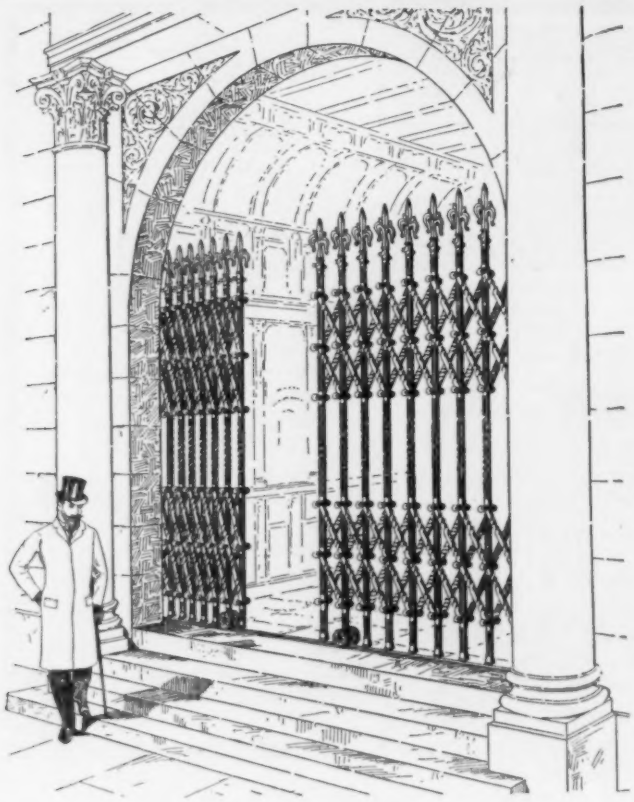

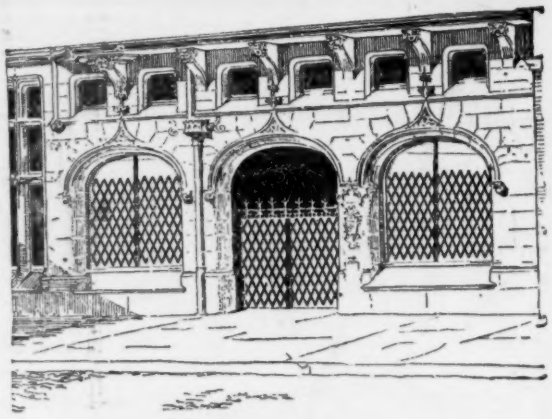

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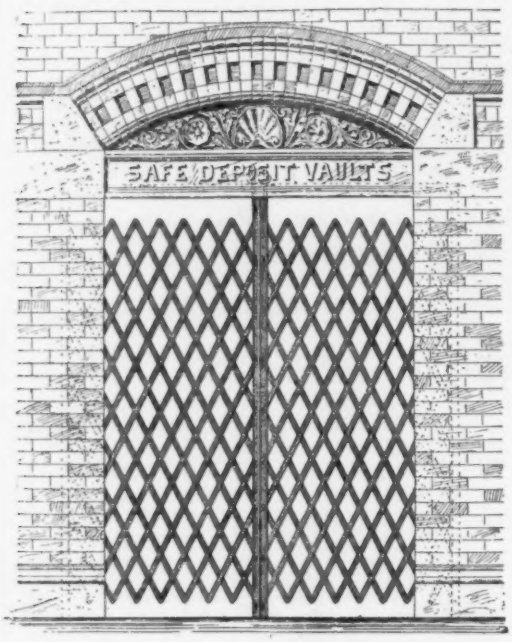

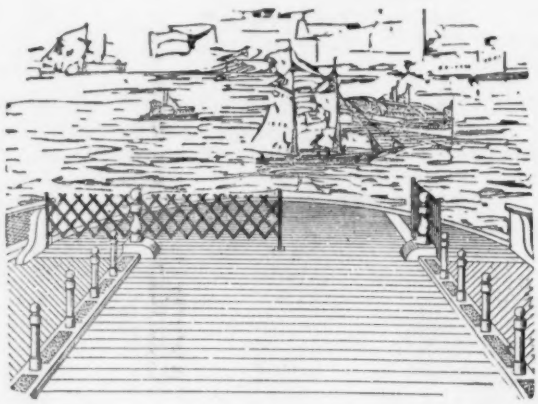

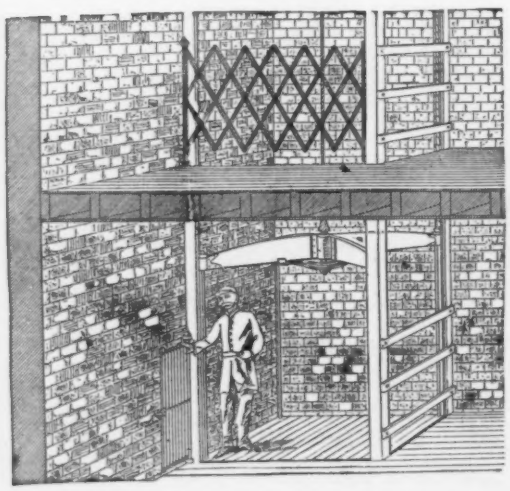

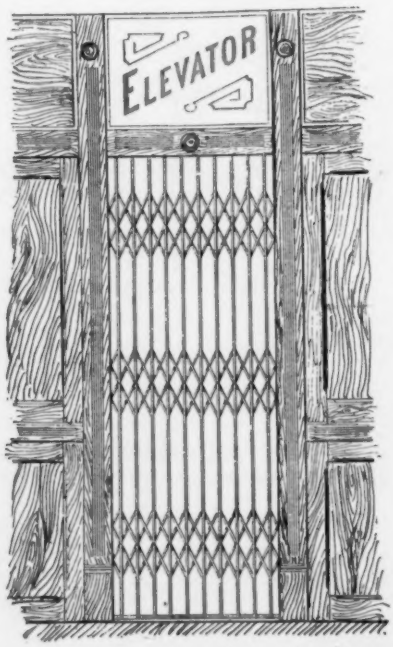

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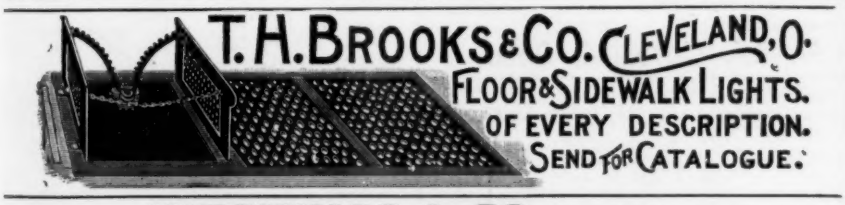

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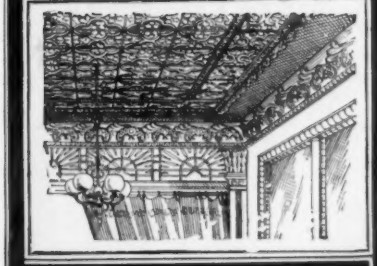

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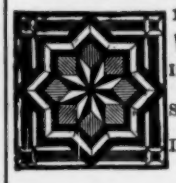

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625,721. Spring-Hinge.—Levi M. Devore, Freeport, Ill.

625,723. Process of Manufacturing Roofs without Seams.—Fritz Gehre, Zurich, Switzerland.

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.

Americus, Ga.—It is stated that the Directors of the Planters' Bank will erect a $30,000 building.

Bakersville, Cal.—It is stated that W. J. Eilert, of Neillville, Wis., is to invest $60,000 in a brewery and ice-plant.

Baltimore, Md.—Report states that Erlanger Bros. will build a six-story brick and stone warehouse on Pratt St., near Paca St.; cost, $30,000.

Boston, Mass.—"Brooke House," named for its founder, Rev. Stopford Brooke, and sometimes called the "girl's boarding-house," has carried on its work for eight years at No. 117 Berkeley St., with Miss Sarah E. Gardner as matron and manager. Its object was to provide all the comforts of home to working girls earning not over $7 a week, and also classes for instruction and entertainments for the diversion of the girls. It has been most successful from the first, and although not yet entirely self-supporting, the running expenses are met by the board money of the girls. It is non-sectarian, each girl being urged to attend her own church, and the moral standing of the house is of the highest order. People interested in "Brooke House" have been very generous in their gifts and now it is to have new quarters. The land and houses at Nos. 79-81 Chandler St. have been bought, the buildings will be torn down, and a new house, modern in every respect, will be erected, with bedrooms for 60 girls, classroom, a cosey library, sitting-room and parlor. The Committee, which includes Rev. Stopford Brooke, Mrs. Jacob Rogers, Mrs. Fred L. Ames, Miss Sarah Paine, Miss Marianne Paine and Miss Helen Burnham, have cooperated with Miss Gardner in every way, and with this happy result.

Buffalo, N. Y.—Plans have been prepared by Architect Kendall, of New York, for a six-story fireproof building for the American Express Co., at Main and Erie Sts. Lansing & Bierl, of this city, have been appointed to supervise the construction, and the cost is to be in the neighborhood of $100,000.

It is stated that Green & Wicks have drawn plans for new dwellings on Delaware Ave. for Frank S. McGraw and William C. Warren. They will cost about $25,000 each.

It is stated Architects Esenwein & Johnson have prepared plans for a three-story brick dwelling for C. L. Bryant on Delaware Ave.; cost, $15,000.

Bids will soon be asked for a brick and stone store and apartment house, to be erected at Grant and Arnold Sts., for John Fehmann, Esq.; cost, $12,000; R. E. Withers, architect.

Cambridge, Mass.—It is reported that John F. Mead is about to erect nine brick apartment-buildings, at the corner of Austin and Norfolk Sts., costing $50,000.

A $16,000 apartment-building is to be erected at the junction of River and Pleasant Sts., by E. H. La Pierre.

Canton, O.—Plans have been prepared for the erection of a $24,000 school.

Chelsea, Mass.—Chelsea business men have given liberally for a building for the Young Men's Christian Association. At a banquet tendered them in Knights of Malta Hall recently $15,160 was promised and $10,000 pledged under certain conditions likely soon to be fulfilled.

Chicago, Ill.—It is stated that C. W. Van Keuren, 126 Washington St., has drawn plans for 6 attached residences, to be built for F. W. Merrill on 43d St., near Luella Ave. They will be 50' x 125', and will cost $25,000.

Report states that Henry L. Newhouse, 3640 Prairie Ave., has prepared plans for a $25,000 synagogue to be erected on Indiana Ave., near 35th St.

Report states that a three-story apartment-building will be erected at 5800 5802 Indiana Ave., for G. E. Cropper, after plans by Architect L. M. Mitchell; cost, $45,000.

Colfax, Wash.—It is stated that buildings costing $100,000 will be erected at the Agricultural College.

Dannemora, N. Y.—It is stated that the Governor has signed a bill appropriating $72,910 for a boiler-house for the State Hospital.

Frostburg, Md.—The plans of Alfred Mason, Baltimore, have been accepted for the Normal School; cost, $20,000.

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(Advance Rumors Continued.)

Geneva, O.—The contract for erecting a school-building at this place, has been awarded to Kratt & Co., of Findlay, at $30,858.

Hastings, Minn.—The citizens have voted to issue $30,000 bonds for a school.

Iola, O.—It is announced that Mr. J. T. Holmes, of Detroit, Mich., is president of a company which is to build a cement plant at this place to cost $1,000,000. The buildings will cover five acres of ground.

Jackson, Miss.—W. Chamberlin & Co., Knoxville, Tenn., have prepared plans for an opera-house for the Auditorium Association. It will be three stories high, and will cost $30,000.

Jersey City, N. J.—It is stated that a meeting was held May 22d in Hotel Washington to discuss ways and means of establishing and maintaining a Home for Aged People in New Orange, on the New Jersey Central Railroad. A site for the home has been donated, and the sum of $1,000 raised. The home will be for the benefit of all worthy aged people in Northern New Jersey.

Kansas City, Mo.—An addition will be built by the Bank of Commerce to its building on 10th and Walnut Sts., to cost $50,000. W. S. Woods, president.

La Crosse, Wis.—It is said that the Board of Trade contemplates the erection of a $125,000 hotel.

A $20,000 school is to be erected here.

Lagrande, Ore.—It is stated that D. D. Neer, of Portland, has drawn plans for a $20,000 school to be erected here.

Lowell, Mass.—$30,000 has been appropriated for an annex to the high school.

Lynn, Mass.—A four-story store and hotel building is to be erected at the corner of Liberty and Washington Sts., by Calvin B. Tuttle; cost, $48,000.

Memphis, Tenn.—A new police-station is to be erected to cost $50,000.

Nashville, Tenn.—It is said that the Gray-Dudley Hardware Co. will erect a new building to cost $60,000.

Newark, N. J.—At a meeting of the Board of Governors of the Newark Athletic Club, Philip N. Jackson, Chairman of the Committee to raise $100,000 for a new club-house, reported that $50,000 had already been pledged. $28,500 has been paid by the club for a site at Broad and W. Kinney Sts. It is stated that architects will be invited in a few days to submit competitive plans for the new club-house.

New Haven, Conn.—It is stated that the plans of Brown & Van Beren have been accepted for the Y. M. C. A. Building; cost, $150,000.

New York, N. Y.—It is reported that a palace to cost ten millions of dollars will be built by William A. Clark, United States Senator from Montana, on the corner of 5th Ave. and 86th St. One half of this home will contain the living apartments, costing $4,000,000, and the other half will contain the grand *salons* and banquet-halls for entertainment. Upon this part of the palace $6,000,000 will be expended.

Report states that the Trustees of St. Patrick's Cathedral, 50th St. and 5th Ave., will soon receive bids for the Lady Chapel, to cost about $100,000.

A five-story dwelling, costing $75,000, is to be built at Riverside Drive and 72d St., by Mrs. L. F. Prentise; architect, C. P. H. Gilbert, Townsend Building.

Nogales, Ariz.—Report states that the City-hall at Guaymas is to be torn down and a new structure erected costing $40,000.

Northampton, Mass.—A new $40,000 dormitory is to be built for Smith College.

Odebolt, Ia.—Liebbe, Nourse & Rasmussen, of Des Moines, have drawn plans for a $20,000 school to be erected here.

Omaha, Neb.—It is stated that the Woodmen of the World will erect a new $50,000 building. Jos. C. Root, sovereign commander, 211 Sheely Block.

Parkersburg, W. Va.—The plans of L. W. Thomas, Canton, O., have been accepted by the County Commissioners for the new $100,000 Court-house for Wood County. It will be of fireproof construction.

Peoria, Ill.—It is stated that Mrs. Lydia Bradley, founder of the Bradley Polytechnic Institute of this place, has deeded all of her property in Peoria County to the Institute, making a gift of over $1,000,000. A few years ago Mrs. Bradley provided 20 acres of land and $500,000 for buildings and equipments. She will reserve the use, rents, issues and profits of her estate during her life, when it will pass into the possession of the Institute.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Report states that Reeves & Baillie, Y. M. C. A. Building, have completed plans for the new Hospital for Insane, and that the work will include nine cottages, costing $15,000 each; two dining-rooms, $10,111 each; power-house, $10,000; water-tower, $8 000; an infirmary, $25,000; bath-house and barn, $2,500 each; milk-house, $1,000, and a machine and workshop, $2,500. About $15,000 will be expended for walks, bridges and retaining walls.

Philadelphia, Pa.—It is stated that Doyle & Doak, 1509 Sansom St., have received the contract to erect the First Baptist Church at 17th and Sansom Sts.; cost, $132,000.

Report states that the Supreme Court has decided a question which will result in the erection of a hotel on the corner of 9th and Chestnut Sts., costing a million and a half dollars. It is said that the contention arose between John J. McDevitt, who had an option on the property, and the heirs of Andrew M. Moore, the latter claiming that the option no longer existed. The Court decided in favor of McDevitt, who has had plans prepared and will erect a ten-story fireproof hotel at once.

It is said that Geo. F. Payne & Co., 401 S. Juniper St., have been awarded the contract to erect a $50,000 plant for the Charles Scott Spring Works, Hancock and Market Sts.

Pittsburgh, Pa.—Report states that Thomas H. Scott has drawn plans for the erection of a five-story fireproof store and warehouse on Market St.; cost, $20,000.

Raton, N. M.—Plans have been prepared for a $25,000 school to be erected here.

Redfield, S. D.—Joseph Schwarz, of Sioux Falls, has prepared plans for an Asylum for the Feeble Minded, to cost $21,000.

Rochester, N. Y.—It is said that the Governor has signed a bill appropriating $75,000 for a steel bridge over the canal at West Ave.

It is stated that Wm. J. Brockett, Powers Blk., has prepared plans for a $50,000 edifice for the Evangelical Church of the Reformation, Grove St.

Rome, N. Y.—$75,000 has been appropriated for additional buildings at the Rome Custodial Asylum and the equipment thereof.

Salt Lake City, Utah.—A $30,000 school will be erected here. Wm. Plinney, Supt.

San Francisco, Cal.—Frank Van Trees has drawn plans for a $70,000 building to be erected on Market St., near 6th St., for the Macdonoughs.

A movement is on foot to raise $100,000 for a monument to commemorate deeds of the American Navy, and especially the victory of Admiral Dewey. Ex-mayor Pond has been appointed treasurer of the fund, and the Executive Committee is composed of wealthy and prominent citizens. When the amount has been subscribed the leading sculptors of the world will be asked to furnish designs for the monument.

Southboro, Mass.—It is stated that the contract for building the high school has been awarded to T. P. Hurley, Marlboro, at $19,400.

Springfield, Utah.—Report states that the Utah Sugar Company will erect a new sugar factory at this place; cost, $30,000.

Stanford University, Cal.—It is stated that the McGilvray Stone Co., of Denver, Col., has received the contract for the stone and brick work for the memorial chapel for the university, at $180,000.

St. Louis, Mo.—The Gast Brewing Co. is to erect a five-story Brewery on Hornsby Ave., between Broadway and Hall's Ferry Road; cost, $40,000.

It is stated that the Second Presbyterian congregation will build a two-story church, corner Westminster Pl. and Taylor Ave.; cost, $70,000.

It is announced that Samuel Cupples has donated $100,000 to Washington University for a building for civil engineering and architecture, also $150,000 toward the endowment of this department. Another gift to the University of $100,000 has been made by Mrs. John E. Liggett, widow of the tobacco millionaire, for a dormitory which is to be erected as a memorial to her husband.

St. Paul, Minn.—It is reported that bids will soon be asked by the Great Northern Ry. Line for two bridges over Cut Bank and Two Medicine Rivers to cost about $150,000 N. D. Miller, Ch. Engr.

Thompson, Conn.—Shepley, Rutan & Coolidge, of Boston, are the architects of a fine residence to be erected here by Norman B. Ream, a multi-millionaire of Chicago. It will cost $300,000. The grounds, comprising over 100 acres, are beautifully laid out, representing an expenditure of more than $400,000. It will be one of the finest properties in New England.

Trenton, Tenn.—W. Chamberlin & Co. have drawn plans for a two-story $25,000 hotel for O. B. Freeman.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Washington, D. C. — It is stated that Mrs. P. D. Morgan will build a $20,000 addition and make general repairs to her residence at 1301 Sixteenth St.

Wayne, Neb. — Rowles & Moore, of Omaha, have been awarded the contract for building the Court-house, at $25,000.

Worcester, Mass. — Report states that Barker & Nourse have prepared plans for a $25,000 addition to the factory of the Wire Goods Co. on Union St.

Wyandotte, Mich. — It is stated that the American Alkali Co. will erect a soda ash factory to cost about $2,000,000.

APARTMENT-HOUSES.

Chicago, Ill. — *Vincennes Ave. and Forty-sixth Pl.*, three-st'y bk. apart., gravel roof, steam; $35,000; o., Mantia Apartments; a., W. Carbys Zimmerman, 618 Steinway Hall.

Madison Ave., nr. 60th St., three-st'y bk. & st. apart., 115' x 150', comp. roof, steam; $80,000; o., S. R. Frazier, 264 Fifth Ave.; a., S. M. Seator, 34 Clark St.

Prairie Ave., cor. 56th St., three-st'y & base. bk. & st. apart., 50' x 162', gravel roof, steam; $42,000; o., G. Neebes; a., Henry L. Newhouse, 4630 Prairie Ave.

New York, N. Y. — *Washington St.*, cor. Bank St., five-st'y bk. & st. flat, 22' x 65'; $20,000; o., Mrs. Kate Ryan; a., Chas. Rentz, 153 Fourth Ave.

Eighth Ave., *No.* 606, five-st'y bk. flat with store, 24' 4" x 84' 4"; $20,000; o., Mandelbaum & Lewine, 111 Broadway; a., Israels & Harder, 194 Broadway.

One Hundred and Tenth St., nr. Madison Ave., five-st'y bk. flat, 41' 6" x 88' 6"; $30,000; o., Henry Muhlker, 18 W. 114th St.; a., R. R. Davis, 247 W. 125th St.

One Hundred and Fourteenth St., nr. Madison Ave., 2 five-st'y bk. & st. flats, 25' x 50'; $45,000; o., Henry Marx, 180 E. 116th St.; a., Neville & Bagge, 217 W. 125th St.

Eighth Ave., nr. 112th St., 2 five-st'y bk. flats with stores, 25' 6" & 25' x 84' 4"; $51,000; o., William J. Brown, 149 W. 117th St.; a., G. A. Schellenger, 128 Broadway.

Eighth Ave., nr. 112th St., 3 five-st'y bk. flats with stores, 25' 2" x 85'; $75,000; o., Alfred P. Coburn, 208 W. 123d St.; a., Neville & Bagge, 217 W. 125th St.

E. Sixteenth St., *No.* 333, six-st'y bk., st. & terra-cotta stores & flats, 44' x 83'; $35,000; o., Mr. Jacobson; a., Schneider & Herter, Bible House.

One Hundred and Fifteenth St., nr. Lenox Ave., 5 five-st'y bk. & st. flats, four 27' x 85' 6" & one 17' x 85' 6"; $125,000; o., Schmidt Bros., 112 E. 29th St.; a., Edw. Wenz, 1491 Third Ave.

Rutgers Pl., *No.* 3, six-st'y bk., st. & terra-cotta stores & aparts., 26' x 101'; $28,000; o., S. Jarmulowski, 54 Canal St.; a., Schneider & Herter, Bible House.

Ninety-third St., nr. Park Ave., six-st'y bk. & st. flat, 43' x 91'; $80,000; o. & b., James Kilpatrick, 640 Madison Ave.; a., Fred'k Jacobson, 54 W. 18th St.

One Hundred and Eleventh St., nr. 5th Ave., 2 five-st'y bk. & st. double flats; $20,000 each; o., Max Goldstein, 193 E. 76th St.; a., Thos. Graham 1236 Madison Ave.

One Hundred and Twenty-fourth St., bet. Columbus & Manhattan Aves., 2 five-st'y bk. & st. flats, 25' x 85'; $20,000; o., Robert Askey, Astoria, L. I.; a., Pollard & Steinam, 19 Union Sq.

Washington Ave., cor. 171st St., 6 five-st'y bk. & st. flats, various dimensions; $160,000; o., Charles H. Beer, 317 E. 125th St; a., Neville & Bagge, 217 W. 125th St.

One Hundred and First St., nr. Park Ave., 3 five-st'y & base. bk. & st. aparts., 25' x 87'; $20,000 each; o., Kronenberg & Co.; a., Thomas Graham, 89th St. & Madison Ave.

Ninety-ninth St., nr. 3d Ave., 2 five-st'y bk. flats; $44,000; o., John H. Dahnke, Wendover & Webster Aves; a., R. Werner, 7 Teasdale Pl.

Tenth St., *No.* 221, six-st'y bk., st. & terra-cotta stores & aparts., 25' x 82' 9"; $25,000; o., Weil & Maver, 35 Nassau St.; a., Schneider & Herter, Bible House.

One Hundred and Twenty-fourth St., nr. Amsterdam Ave., 7 five-st'y bk. flats, 25' x 86'; $140,000; o., Sussman Goldreyer, 319 E. 72d St.; a., G. F. Pelham, 503 Fifth Ave.

One Hundred and Thirty-third St., nr. 12th Ave., 8 five-st'y bk. flats, 25' x 90'; $200,000; o., D. McNivin; a., John De Hart, 1637 Fox St.

Seventh Ave., cor. 22d St., 5 six-st'y bk. flats with stores, 24' 7" & 25' x 86', 87' & 95'; $140,000; o., Leopold Kaufmann, 35 Nassau St.; a., Schneider & Herter, 46 Bible House.

One Hundred and Thirty-fifth St., nr. Cypress Ave., one five-st'y & 3 four-st'y bk. flats, 25' x 75' & 25' x 85'; $46,000; o., Herman Engelhardt, 8 Delancey St.; a., Julius Spindler, 2629 Third Ave.

One Hundred and Eighth St., nr. Columbus Ave., five-st'y bk. flat, 25' x 88'; $22,000; o., Glickman Bros., 268 W. 117th St.; a., W. C. Dickerson, 149th St. & 3d Ave.

E. Twenty-seventh St., *Nos.* 39-43, 2 eight-st'y front & nine-st'y rear st. flats, 75' x 103'; $330,000; o., Edw. W. Candy, Manhattan Club; a., Brun & Hauser, 1125 Broadway.

Oak St., cor. Oliver St., six-st'y bk. flat with stores, 49' x 54' & 46'; $30,000; o., Golden & Rosenberg, 11 Doyer St.; a., M. Bernstein, 245 Broadway.

One Hundred and Forty-ninth St., cor. Brook Ave., five-st'y & base. bk. & st. flat, 35' x 85' x 90' x 44'; $45,000; o., John C. Gill, 715 Prospect Ave.; a., Lorenz F. J. Weiher, Jr., Park Ave. & 125th St.

Fifty-fourth St., nr. Broadway, seven-st'y bk. flat, 25' x 90'; $55,000; o., Francis S. Kenney, 33 W. 54th St.; a., Howard, Cauldwell & Morgan, 10 E. 23d St.

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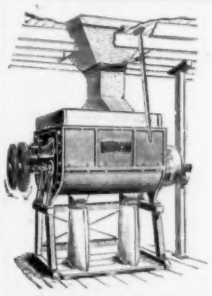

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(*Apartment-Houses Continued.*)

Park Ave., cor. 88th St., five-st'y bk. flat with stores, 25' x 77'; $30,000; o., Higgins & King, 138 E. 80th St.; a., Neville & Bagge, 217 W. 125th St.

Ninety-third St., nr. Madison Ave., six-st'y bk. flat, 43' x 90' 8"; $80,000; o., Jas. Kilpatrick, 312 E. 95th St.; a., Fred'k Jacobsen, 54 W. 18th St.

Eightieth St., nr. Columbus Ave., eight-st'y bk. flat with stores, 60' x 92'; $180,000; o., A. E. & M. A. Bingham, 16 E. 116th St.; a., A. M. Healey, 315 Madison Ave.

Worcester, Mass. — *Vernon St.*, four-st'y bk. apartment-block, 27' x 74'; $22,000; o. & b., John J. Power; a., W. T. Harvey.

CHURCHES.

Boston, Mass. — *Atherton St.*, cor. Amory St., Ward 22, 1½-st'y bk. church, 46' x 52' x 80', pitch roof, steam; $13,000; o., M. E. Society; b., Guy M. Mitchell.

Chicago, Ill. — *Indiana Ave.*, nr. 35th St., two-st'y bk. & st. synagogue, 50' x 100'; $25,000; o., South Side Hebrew Cong; a., Henry L. Newhouse, 3640 Prairie Ave.

Philadelphia, Pa. — *Seventeenth and Sansom Sts.*, three-st'y st. & steel church, 95' x 150', tile roof, steam; $160,000; o., First Baptist Society; a., Edgar V. Seeler, Real Estate Trust Building.

Toledo, O. — 2½-st'y st. church, 100' x 130', tile roof, hot water; $40,000; o., Collingwood Ave. Presbyterian Society; a., F. L. Packard, Columbus.

CLUB-HOUSES.

Worcester, Mass. — *Salisbury St.*, three-st'y fr. club-house, 42' x 48'; $8,000; o., Phi Gamma Delta Club; a., Fuller, Delano & Frost; c., J. G. Vaudreuil.

EDUCATIONAL.

Charleston, Ill. — Three-st'y bk. & st. high school, slate roof; $33,000; o., Board of Education; a., C. W. Rapp, 616 Title and Trust Building, Chicago.

BUILDING INTELLIGENCE.

(*Educational Continued.*)

Chicago, Ill. — *Lexington Ave.*, bet. 54th & 55th Sts., three-st'y & base. bk. & st. academy, 40' x 85', gravel roof, steam; $20,000; o., South Side Academy; a., Henry L. Newhouse, 3640 Prairie Ave.

Duquesne, Pa. — Two-st'y bk. school, 70' x 100', slate roof, steam; $20,000; o., Board of Education; a., J. A. Long, 412 Park Building, Pittsburgh.

Sinsinawa, Wis. — Four-st'y & base. bk. & st. academy, 60' x 220', slate roof, steam; $65,000; o., Saint Clara Academy; a., Egan & Prindeville, 85 Dearborn St., Chicago, Ill.

Nashville, Tenn. — *Broad St.*, *No.* 614, four-st'y bk. & st. college, 55' x 110', metal roof, steam; $30,000; o., Med. Dept. Univ. of Tenn.; a., George Moore & Sons.

FACTORIES.

Louisville, Ky. — *Twelfth and Maple Sts.*, five-st'y bk. tannery, 54' x 158', comp. roof, hot air; $30,000; o., Ohio Falls Oak Leather Co.; a., Chas. R. Coats, 600 Equitable Building.

Worcester, Mass. — *Jacques Ave.*, bk. power plant; $12,000; o., City of Worcester; a., Geo. I. Rockwood; c., Urgel Jacques.

Union St., four-st'y bk. factory, 65' x 105'; $12,000; o., J. P. & Geo. S. Paine; a., Russell S. Paine, Boston; c., Rankin & Woodside.

HOSPITALS.

Faribault, Minn. — Two-st'y & base. bk. & st. hospital, 35' x 144', slate roof, steam; $20,000; o., State School for Feeble Minded; a., Clarence H. Johnston, St. Paul.

Logansport, Ind. — *Longcliff*, three-st'y bk. hospital, 120' x 145', slate roof, steam; $80,000; o., State of Indiana.

St. Cloud, Minn. — Three-st'y bk. & st. hospital, 92' x 100', shingle roof, steam; $40,000; o., Sisters of St. Benedict; a., Charles R. Aldrich, 708 Lumber Exchange, Minneapolis.

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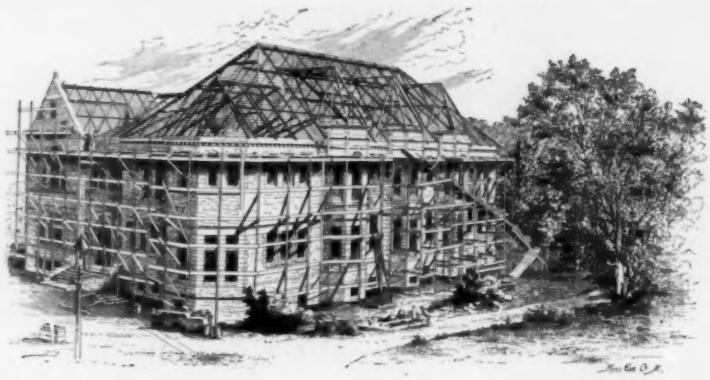

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HOTELS.

Attica, Ind. — Two-st'y & base. fr. hotel, 90′ x 120′, shingle roof, steam; $18,000; o., Attica Hotel & Sanitarium Co.; a., J. F. Alexander & Son, Lafayette.

St. Joseph, Mo. — Seven-st'y bk. hotel, 60′ x 105′, composition roof, steam; $100,000; o., Schlitz Brewing Co., Milwaukee, Wis.; a., Kirchoff & Rase, Milwaukee, Wis.

HOUSES.

Boston, Mass. — *Hull St., No.* 57, Ward 6, two-st'y bk. dwell., 16′ x 19′ x 50′, flat roof, stoves; $5,000; o., Lazar Jacobitz, 28 School St.; b., Simon Magur.

Blackwood St., Nos. 13-15, Ward 10, 2 two-st'y bk. dwells., 14′ x 21′ x 72′, flat roofs, furnaces; $20,000; o., a. & b., Israel Nesson, 150 St. Botolph St.

Dundee St., No. 47, Ward 10, two-st'y bk. dwell., 20′ x 40′, flat roof, stoves; $5,000; o., Jos. Green, 53 State St; a. & b., J. J Galvin, 16 St. Germain St.

Davenport St., nr. Columbus Ave., Ward 18, 2 three-st'y bk. dwells., 20′ x 50′, flat roofs, stoves; $12,000; o., Abram Lavinsky; b., J. Foternick, 47 Court St.

Lyon St., nr. Dorchester Ave., Ward 20, three-st'y fr. dwell., 26′ x 48′, flat roof, stoves; $5,000; o., a. & b., Wm. Riley, 22 Auckland St.

Dilson St., cor. Branch Ave., Ward 20, 2 three-st'y fr. dwells., 22′ x 25′ x 53′, flat roofs, stoves; $10,000; o., W. J. Hennessey; a. & b., Hugh McLeod, Josephine St., Dorchester.

Proctor St., nr. Fairview St., Ward 23, 2½-st'y fr. dwell., 32′ x 50′, pitch roof, furnace; $5,500; o., E. B. Brown; b., W. Chappelle.

Dakota St, nr. Bowdoin St., Ward 20, 2½-st'y fr. dwell., 28′ x 45′, pitch roof, furnace; $5,000; o., Matilda Belyea; a. & b., L. A. Belyea, 128 Greenwood St., Dorchester.

Read Ave., nr. Glenway St., Ward 20, three 2½-st'y fr. dwells., 26′ x 46′, pitch roofs, furnaces; $15,000; o., a. & b., Wm. H. Lake, Washington Park, Everett.

Lorraine St., No. 2, Ward 20, 2½-st'y fr. dwell., 35′ x 40′, pitch roof, furnace; $6,000; o., a. & b., A. C. Chisholm, 8 Schuyler St.

Montview St., nr. Whittemore St., Ward 23, 2½-st'y fr. dwell., 21′ x 35′ x 42′, pitch roof, furnace; $6,500; o., Geo. W. Rollins; b., J. H. Kellar.

Moreland St., nr. Dennis St., Ward 17, 4 two-st'y bk. dwells., 24′ x 45′, flat roofs, furnaces; $25,000; o. & b., Jacob Scheffreen, 42 Court St.

Hutchins St., nr. Humboldt Ave., Ward 21, 2½-st'y fr. dwell., 23′ x 46′, pitch roof, furnace; $6,500; o., Margaret Gilman; b., W. J. Beasty, 176 St. Alphonsus St.

Sachem St., Nos. 17-19, Ward 19, 2 three-st'y fr. dwells., 27′ x 35′, flat roofs, stoves; $8,000; o., Mary T. Cantwell; a. & b., J. N. Cantwell, 139 Hillside St.

Clarence St, nr George St., Ward 17, 3 two-st'y fr. dwells., 15′ x 20′ x 30′ flat roofs, stoves; $12,000; o., John A. Williams, 69 Clifford St.; a., A. B. Pinkham.

Esmond St., nr. Blue Hill Ave., Ward 20, 2½-st'y fr. dwell., 32′ x 38′, pitch roof, furnace; $5,000; o. & b., J. V. Whidden, 11 Kerwin St.

(*Houses Continued.*)

Brooklyn, N. Y. — *Glenmore Ave.*, nr. New Jersey Ave., 2 two-st'y fr. dwells., 20′ x 55′, $6,000; o., L. Ammerell, on premises; b., G. Schaefer, 213 Penna Ave.

Eastern Parkway, three-st'y bk. & st. dwell., 25′ x 50′; $25,000; o., Louis Holst; a., Dehli & Howard, 1193 Broadway, New York City.

Park Pl., nr. Brooklyn Ave., three-st'y bk. dwell., 26′ x 53′, steam heat; $7,500; o., G. E. Lovett, 26 Court St.; a., Clarence B. Cutler, 189 Montague St.

E. Seventeenth St., nr. Avenue P, two-st'y & attic fr. dwell., 26′ x 56′, shingle roof; hot air; $5,000; o., Geo. W. Waldron, 88 Cornelia St.; a., B. Driesler, 1432 Flatbush Ave.

Eighty-eighth St., Bay Ridge, two 2½-st'y fr. dwells.; $12,000; o., M. P. Higgins, 346 Broadway, New York City; a., William H. Abbott, Jr., 17 Broadway, New York City.

Putnam Ave., nr. Howard Ave., 4 three-st'y bk. dwells., 25′ x 65′; $25,000; o., Andrew Hahn, 68 Stanhope St.; a., F. J. Lessing, 15 Ralph Ave.

Fifty-ninth St., nr. 13th Ave., two-st'y & base. fr. dwell., 20′ x 45′; $5,000; o., Anna J. Haber, 59th St. & New Utrecht Ave.; a., A. Young, 283 Fifty-third St.

Albemarle Road, nr. E. 15th St., two-st'y & attic fr. dwell., 22′ x 54′, shingle roof, steam heat; $7,000; o., Dean Alvord, 189 Montague St.; a., J. Petit, 186 Remsen St.

Surf Ave., cor Beach 46th St., two-st'y & attic fr. dwell., 43′ x 76′, shingle roof; $10,000; o., Jacob W. Mack, 129 W. 75th St., New York; a., Herts & Tallant, 258 Fifth Ave.; b., Norwalk Building Co.

Avenue B, cor. E. 15th St., two-st'y & attic fr. dwell., 26′ x 46′, shingle roof, hot air; $5,500; o., John Parkins, 160 Third Ave.; a., J. Petit, 186 Remsen St.

Cleveland, O. — *Franklin Circle*, four-st'y bk. & st. dwell., slate roof, steam; $30,000; o., Mrs. H. B. Roosa; a., Steffens, Searles & Hirsh.

Columbus, O. — *Neil and Wilker Aves.*, two-st'y bk. dwell., 40′ x 44′, tile roof, furnace; $5,000; o., J. M. Thomas; a., Edgar B. Fox, 85 N. High St.

Two-st'y bk. & st. dwell., 40′ x 52′, slate roof, furnace; $6,000; o., Engel & Effir; a., Mueller & Mildred, 115 Union Trust Building, Detroit, Mich.

State and Mead Sts., three-st'y bk. dwell., 112′ x 120′, comp. roof, natural gas; $20,000; o., L. W. Mead; a., F. W. Elliott.

Dayton, O. — Nine-st'y bk. & st. dwell.; $150,000; o., Peirce, Williams Co.; a., Chas. I. Williams.

Detroit, Mich. — *Rowena St.*, three-st'y bk. dwell., 54′ x 68′, slate roof, furnace; $10,000; o., Wm. H. Doyle, 92 Griswold St.; a., A. C. Varney & Co., 58-61 Newberry Building.

Frederick St., two-st'y bk. double dwell., 35′ x 56′, slate roof, furnace; $11,000; o., Frank J. Lecht, 175 Woodward Ave.; a., Joy & Barcroft, 407 Ferguson Building.

Seminole Ave., 2½-st'y bk. dwell., 34′ x 50′, slate roof, furnace; $7,000; a., Geo. D. Mason, 80 Griswold St.

Dubuque, Ia. — Two-st'y & attic bk. dwell., slate roof, steam; $6,000; o., J. G. Bailey; a., John Spencer.

Elkhart, Ind. — *Beardsley Ave.*, two-st'y & base. st. dwell., 36′ x 76′, slate roof, hot water; $5,000; o., Wilson L. Collins; a., Otto Ellwood.

Jerseyville, Ill. — Two-st'y bk. & st. dwell., 35′ x 48′, slate roof, hot air; $8,000; o., Lestey Cross; a., Oliver G. Stelle, Upper Alton.

Milwaukee, Wis. — *Chestnut and Thirty-second Sts.*, 7 two-st'y fr. dwells., 28′ x 46′, shingle roofs, furnaces; $28,000; a., Wolff & Ewens.

Minneapolis, Minn. — *Twenty-fifth St. and Colfax Ave.*, two-st'y & base. bk. dwell., 40′ x 45′, furnace; $6,500; o., D. H. Woodside; a., W. S. Hunt.

Colfax Ave., No. 1811, two-st'y fr. dwell., 30′ x 43′; $5,000; o., J. L. Tracy; b., T. P. Healy, 3115 S. 2d Ave.

Newton, Mass. — *Chestnut St.*, Ward 3, two-st'y bk. dwell., 32′ x 85′, furnace; $20,000; o., John S. Alley; b., W. Kellar.

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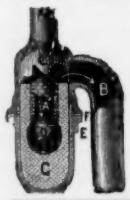

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New York, N. Y. — *Convent Ave.*, bet. 141st & 142d Sts., 8 three-st'y & base. bk. dwells., 20' x 53'; $120,000; o., Wm. Wahle, 602 W. 138th St.; a., F. C. Zobel, 165 Broadway.

Sixty-third St., Nos. 121-123, three-st'y bk. stable & dwell., 33' 4" x 90' 5"; $38,000; o., C. L. Blair, 33 Wall St.; a., Trowbridge & Livingston, 387 Fourth Ave.

Kingsbridge Road, nr. Windham Pl., two-st'y fr. dwell., 26' x 25'; $6,000; o., Chester B. Overbaugh, Kingsbridge; a., Arthur C. Longyear, 126 Liberty St.

One Hundred and Sixty-fourth and One Hundred and Sixty-fifth Sts., Washington Ave. and Weiher Pl., 17 three-st'y dwells., 16' 8" x 40'; $102,000; o. & a., Lorenz F. J. Weiher, Mount Morris, Bank, Park Ave. & 125th St.

Summit Ave., nr. 166th St., two-st'y fr. dwell., 20' x 43'; $25,000; o., John J. Lee, 340 E. 117th St.; a., W. C. Dickerson, 149th St. & 3d Ave.

Seventy-eighth St., nr. 5th Ave., five-st'y bk. dwell., 35' x 102' 2'; $80,000; o., Mrs. E. G. Stillman, 95 Joralemon St., Brooklyn; a., C. C. Haight, 111 Broadway.

Convent Ave., bet. 141st & 142d Sts., 2 three-st'y bk. dwells., 20' x 55'; $40,000; o., Wm. Wahle, 602 W. 138th St.; a., F. C. Zobel, 165 Broadway.

E. Eighty-third St., No. 603, four-st'y bk. dwell., 17' x 51' 4"; $8,000; o., Paul C. George, 83 East End Ave.; a., Edwin C. George, 83 East End Ave.

Trinity Ave., cor. 156th St., three & one-st'y fr. dwell. & store, 20' x 100' & 70'; $10,000; o., Adam Hoffman, 149 Courtlandt Ave.; a., Gustav Schwarz, 554 E. 158th St.

North and West Roads, Westchester, three-st'y fr. dwell., 62' x 62'; $12,000; o., Emily A. Scott, Westchester; a., Lienan & Nash, 64 Cedar St.

(*Continued in Supplement.*)

COMPETITIONS.

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8" to the foot to 1-16" to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

BANK. [At Lewisburg, Pa.]
Bids are wanted **June 13** for a bank. J. THOMPSON BAKER, Pres. Union Nat'l Bank. 1223

CHURCH. [At St. Johns, Mich.]
Bids are wanted **June 10** for a church. P. E. WALSWORTH, Chmn. 1223

AREAS, DRAINAGE, ETC. [At Washington, D. C.]
Department of the Interior, Washington, D. C. Sealed proposals will be received at this department **until June 10, 1899,** for building areas, drainage, etc., at the U. S. Pension Building, Washington, U. S. E. A. HITCHCOCK, Sec. 1223

SCHOOL. [At Bottineau, N. D.]
Bids are wanted **June 13** for a school. N. MEIGHEN, Clerk School District. 1223

COURT-HOUSE. [At Brady, Tex.]
Bids will be received **until June 13** on plans and specifications for a new Court-house. H. P. JORDAN, Clerk County Court, McCulloch County, Tex. 1223

PROPOSALS.

WORKSHOP AND BOILER-HOUSE. [At League Island, Pa.]
Sealed proposals will be received at the Bureau of Yards and Docks, Navy Department, Washington, **until June 10, 1899,** for the construction of a workshop and boiler-house for ordnance, Navy Yard, League Island, Pa. MORDECAI T. ENDICOTT, Chief of Bureau. 1223

HOSPITAL. [At Reddings, Cal.]
Bids will be received **until July 6** for a two-story hospital for Shasta County to cost not more than $10,000. Address COUNTY CLERK. 1224

ELECTRIC PLANT. [At Conanicut Island, R. I.]
U. S. Engineer Office, Newport, R. I. Sealed proposals for furnishing and installing electric light and power plant in gun emplacement at the Dumplings, Conanicut Island, R. I., will be received here **until June 24, 1899.** D. W. LOCKWOOD, major, engineers. 1224

SCHOOL. [At Garfield, Ia.]
Bids are wanted **June 15** for a school. JOHN SPALLA, Secy. School Bd. 1224

IRON, STEEL, ETC. [At Watertown, Mass.]
Bids are wanted **June 22** for furnishing iron, steel, etc., at the Watertown arsenal. LIEUT. COL. J. W. REILLY, Ord. Dept. Comd'g. 1224

BARRACKS. [At Fort Meade, S. D.]
Bids are wanted **June 19** for two barracks, also for heating, gas-piping and plumbing the same. GEO. E. POND, Ch. Q. M., St. Paul, Minn. 1224

SCHOOL. [At Williston, O.]
Bids are wanted **June 19** for a school. D. O. SHEPHERD, Clk. Bd. Educ. of Allen Township. 1224

JAIL. [At Wellington, Kan.]
Bids are wanted by the County Commissioners **June 20** for a Jail. 1224

HOSPITAL. [At Plum Island, N. Y.]
Quartermaster's Office, Fort Trumbull, Conn. Sealed proposals for construction of hospital, hospital steward's quarters and heating hospital, Plum Island, N. Y., will be received here **until June 15, 1899.** GEO. A. NUGENT, Q. M. 1224

CONSTRUCTION, PLUMBING, ETC. [At Fort Ethan Allen, Vt.]
Office Constructing Quartermaster, Fort Ethan Allen, Vt. Sealed proposals will be received here **until June 19, 1899,** for construction, plumbing, heating and gas-piping of one 2 company barrack, two double set officers' quarters, one subsistence storehouse, two cavalry stables and one stable guard house. CAPT. J. W. HEARD, Q. M. 1224

ELECTRIC LIGHTING SYSTEM. [At Chilocco, O. T.]
Department of the Interior, Office of Indian Affairs, Washington, D. C. Sealed proposals will be received **until June 15, 1899,** for furnishing the materials and labor required to construct an electric lighting system at the Chilocco Indian Industrial School, O. T. 1223

SCHOOL. [At Cleveland, O.]
Bids are wanted **June 10** for a school. H. Q. SARGENT, School Dir. 1223

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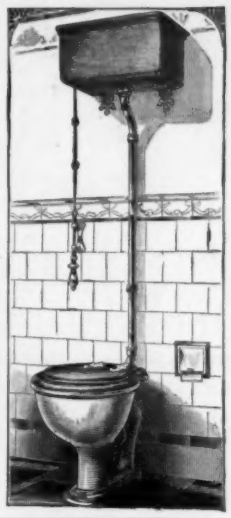

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PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., May 18, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of June, 1899, and then opened, for the construction (except heating apparatus, elevator and electric wire conduits) of the U. S. Public Building at Helena, Montana, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian of the site at Helena, Montana. JAMES KNOX TAYLOR, Supervising Architect. 1223

COURT-HOUSE. [At Williston, N. D.]
Bids are wanted **until June 14** for a Court-house. H. V. SMITH, Co. Aud. 1223

ANNEX TO CAPITOL. [At Charleston, W. Va.]
Bids will be received **until June 15** for an annex to the State Capitol, to cost $60,000. HARRISON ALBRIDGE, archt. 1223

REMODELLING BUILDINGS. [At Salem, Ore.]
Department of the Interior, office of Indian Affairs, Washington, D. C. Sealed proposals will be received at this office **until June 28, 1899,** for furnishing the necessary materials and labor required to remodel the present school-building into a dining-hall and kitchen. Thomas W. Potter, superintendent Indian School, Chemawa, Ore. A. C. TONNER, acting commissioner. 1223

STEWARD'S QUARTERS. [At Ft. Monroe, Va.]
Fort Monroe, Va. Sealed proposals will be received here **until June 10, 1899,** for constructing hospital steward's quarters. C. P. TOWNSLEY, Q. M. 1223

QUARTERS FOR STAFF OFFICERS. [At Fort Mott, N. J.]
Sealed proposals for furnishing labor and material required in construction Frame Double Set Non-Commissioned Staff Officers' Quarters will be received at the office of Quartermaster **until June 10, 1899.** 1223

CHURCH. [At Dover, N. J.]
Sealed proposals will be received **until June 8, 1899,** at office of George Richards, Esq., Dover, N. J., for the erection and completion of the Hoagland Memorial Church, at Dover, N. J. Proposals to be for the following: mason work, cut-stone work, carpenter work and roofing, plumbing work, painting and wood-finishing, steam-heating and ventilation. 1223

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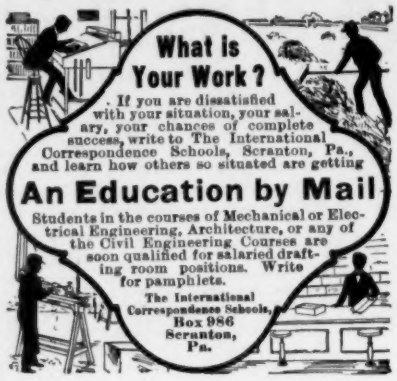

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

*

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.

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

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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.

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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 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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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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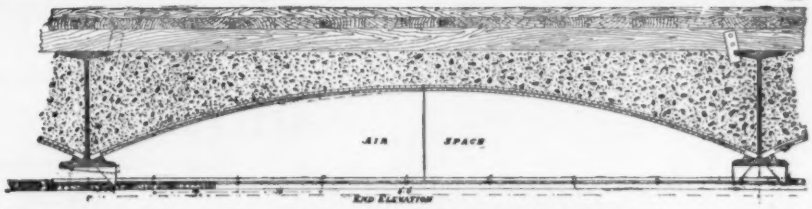

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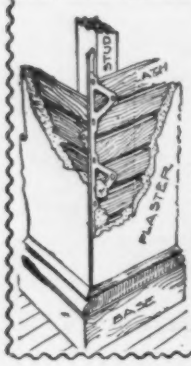

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BRICK. — ₽ M.	New York. (*Wholesale Prices.*)	Boston. (*Prices to Builders and Contractors.*)	Chicago.	Philadelphia.
Common: *Cargo afloat.*			Building 4 50	
Pale	@	Domestic Com.	sewer add 1.00	In Yard.
Jersey	5 75 @ 6 00	8 50 @ 9 50	hollow, add 1.25	Sq. Hard 800 @ 9 00
Long Island	@	Domestic Face	Enam. Imp. Bk.	" @ 7 00
Up River	6 00 @ 6 37½	18 00 @ 25 00	125 00 @ 145 00	Salmon @ 5 50
Haverstraw Bay 2d	@ 6 00	Philadelphia	Enam. Domes.	Sq. " @ 5 50
" 1st	@ 6 37½	35 00 @ 40 00	70 00 @ 85 00	Light Stretchers
Hollow	@ 7 00	10 00 @ 11 00	Select Red Sand-Mold...10 00	9 00 @ 11 00
Fronts:	@		St. Louis Hyd'lc Press ..27 00	Medium "
Croton, Brown	@ 12 00	Phila. mould	Collinsville, do 22 00	@ 12 00
" dark	@ 12 00	50 00 @ 80 00	Findlay, do 22 00	Red "
" red	@ 12 00		Chicago, do	@ 12 00
Chicago pressed		Enamelled B'k. Imported	assorted shades 16 00 @ 20 00	Dark "
" Moulded		Enam. (edge) 105 00 @ 120 00	Chicago, do Brown..24 00	@ 12 00
Baltimore	37 00 @ 41 00	" (edge & end.) 120 00 @ 135 00	Chicago, do Red Roman..24 00	Pressed
Philadelphia	19 00 @ 21 00	Domestic.	Chicago, do Br'n Roman..27 00	@ 17 00
Trenton	17 50 @ 18 50	Enam. (edge) 90 00 @ 100 00	Bushnell Buff 25 00	Paving 11 00 @ 13 0
Milwaukee		" (edge & end.) 110 00 @ 115 00		Second " @ 12 00
Moulded:				Third " @ 10 00
Red Pressed	@ 29 00			
Buff "	@ 27 00			Dom. @ 65 / @ 85
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. (₽ *cask.*)				
Rosendale Cement	65 @ 75	5 00 @ 1 00	*Not sold.*	1 30 @ 1 50
Louisville "		@	75 @ 1 00	S.H.Fa'l 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	*Not sold.*	@	75 @ 1 00	@
Portland, Eng. (Gibbs)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00	@	2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	@	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	B'ks, Shoobridge & Co.,	@	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	English 2 30	@	Josson
" " (Lagerdofer)	@	2 75 @ 3 00	2 80 @ 2 90	2 60 @ 2 75
" " (Dyckerhoff)	2 75 @ 3 00		3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00	@	2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	3 50 @ 4 00	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	@ 7 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	8 00 @ 9 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50		9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Tell	@ 4 00		*Not sold.*	White Lime ₽ bush 25 @ 30
Hydraulic Lime	@ 1 45	@		White Mash
Chicago Lime in bulk	St. John		45 @ 55	1 25 @ 1 50
Wisconsin Lime	@		45 @ 55	1 00 @ 1 00
Rockland and Rockport, (Com.)	80 @ 85	@ 90	*Not sold.*	
Rockland, finish	90 @ 95	@ 95	*Not sold.*	
Kelley Island Lime, finish	@	@	1 00 bulk, 75c.	
State, Com. cargo rates	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
Plaster-of-Paris (calcined)	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) ₽ *bush*	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat)	17 @ 19	@ 30	20 @ 25	30 @
Sand, ₽ *load*	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

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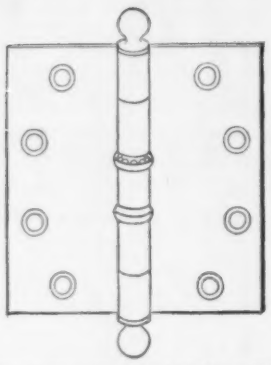

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Reported for the American Architect and Building News.

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STONE. (₱ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ 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	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Bere "	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	@	@ 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			@	₱ 75 @ 1 50
Serpentine		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea 13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	2 30 @ 2 35	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ M	5 60 @ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30" $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20" 35 @ 14
Cypress. Split 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00		11 00 @ 14

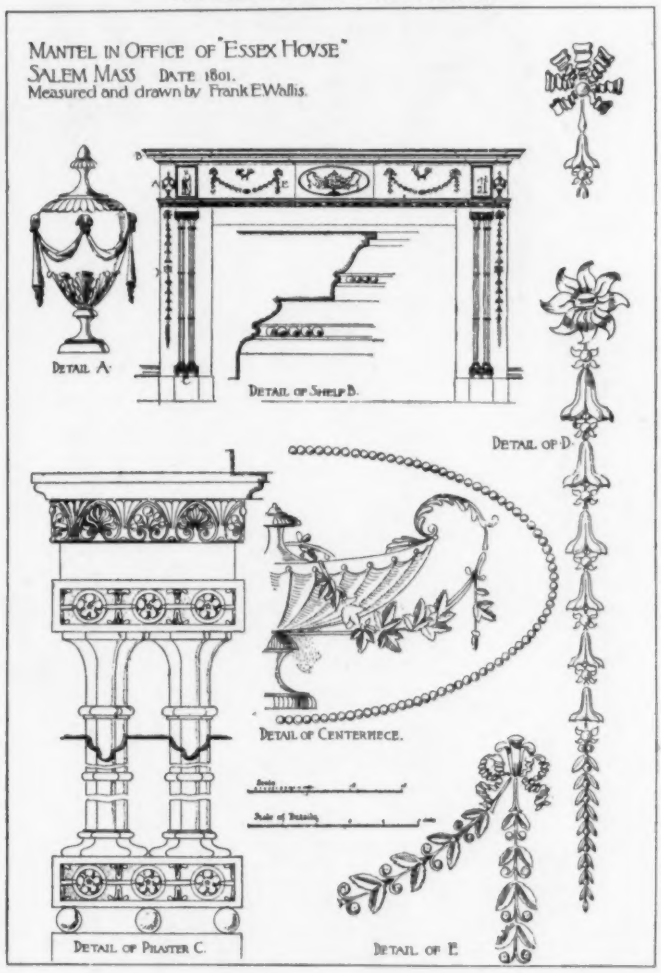
[EACH PART COMPLETE IN ITSELF.]

PART III

"THE GEORGIAN PERIOD"

Part III, though it contains only the same number of plates as does Part I, includes *seven more* Gelatine Plates than did that one.

REDUCED SAMPLE FROM PART III



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

[121 plates, 10 x 14½ inches.]

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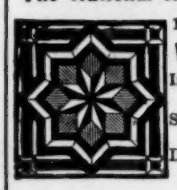

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New Advertisements.

PARRY MFG. CO. (Indianapolis, Ind.), Vehicles. Page xi.

See last or next issue for the following advertisements: —

Bower Trap and Specialty Co., The
Cudell, F. E.
Dwight Lumber Co.
Keasby & Mattison Co.
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Thorn Co., J. S.

See the first issue of the month for the following advertisements: —

Alsen's Portland Cement Works.
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ARCHITECTS' REMOVALS, Etc.

F. MANTON WAKEFIELD, architect, has removed to his new offices, No. 1 Somerset St., Boston, Mass., Rooms 20-21-21A. 1224

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ARCHITECTS' REMOVALS, ETC.

THE firm of Brunner & Tryon, architects, has been dissolved by mutual consent. Arnold W. Brunner will continue practice in the same offices, 36 Union Sq., New York City. Thomas Tryon, associated with Louis Brown, architect and engineer, has opened new offices at 41 Union Sq., New York City. 1224

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625,779. SPRING-HINGE. — Marcus Lane, Freeport, Ill.
625,813. FOLDING WINDOW-SCAFFOLD. — William C. Stull, New Whatcom, Wash.
625,867. DOOR-LOCKING BURGLAR-ALARM. — Azra M. Benson, Cleveland, O.
625,869. PLASTER-BLOCK. — Michael G. F. Buckley, New York, N. Y.
625,891. WINDOW VENTILATING DEVICE. — John A. Maul, Minneapolis, Minn.
625,892. ACCUMULATOR OF HEAT. — Lucien Maurice, Paris, France.
625,899. SEWER-GAS TRAP. — John P. Putnam, Boston, Mass.
625,905. MOVING STAIRWAY OR ELEVATOR. — Leamon G. Souder, Philadelphia, Pa.
625,919. FILLING-BLOCK. — James D. Baker, Lawrence, Mass.
625,929. SPRING-HINGE. — August S. Held, Freeport, Ill.
625,930. FIREPROOF-BUILDING CONSTRUCTION. — Ernest V. Johnson, Chicago, Ill.
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625,969. DEVICE FOR TINTING CEILINGS. — Lewis Farber, Boston, Mass.
625,978. ART OF DRIVING PILES. — Thomas A. Kearns, Chicago, Ill.
625,980. BURGLAR-ALARM. — Wm. P. Murphy, Willowglen, Cal.
626,003. COMBINED SHEATHING AND LATH. — Ole R. Dahl, Seattle, Wash.
626,006. METALLIC ROOFING. — Wesley Heidt, San Francisco, Cal.
626,057. WINDOW. — Harvey K. Doolittle, Watertown, N. Y.
626,147. COMBINED LOCK AND LATCH. — Orin F. Day, Kansas City, Mo.

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 reported that a modern building will replace the old one at Nos. 277-79 Wash-

BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

ington St., next to the old Corner Bookstore. This land belongs to the Wainwrights, who have had plans drawn for the projected building.

The Massachusetts Horticultural Society purchased the land for its new building on Massachusetts and Huntington Aves., from the Eben D. Jordan Estate, and apparently the purchase money was raised by a mortgage on its Tremont Street building, for it is stated that one of $225,000 on it has been given to the Massachusetts Hospital Life Insurance Co. It is also said that a syndicate is being formed for the purchase of the Tremont Street property from the society.

The Boston Medical Library Association lately purchased land for its new building on St. Botolph St., but as the Association afterward expressed a preference for the Fenway site, adjoining the new building of the Massachusetts Historical Society, it has now practically purchased that also. Therefore, it has the St. Botolph St. land on its hands. About $34,000 has been subscribed by the medical profession alone for this undertaking, and a suitable building will be erected. Plans have not yet been considered.

Buffalo, N. Y. — A vast union station is contemplated for Buffalo. The New York Central, the West Shore, the Erie, the Delaware, Lackawanna and Western, the Lehigh Valley, and other railroad companies have terminals in Buffalo, and have been asked if they will coöperate in the scheme. A company has been organized by Buffalo capitalists, with William C. Cornwall, President of the City Bank, at its head, to take charge of the matter, and the proposition is to extend the present station, at a cost of several million dollars, and have all trains arrive and depart from it.

It is stated that A. A. Post, 420 Mooney & Brisbane Building, has drawn plans for a new edifice to be erected on Lafayette Ave., for the Roman Catholic Church of the Annunciation; estimated cost, $50,000.

Carlisle, Pa. — Report states that the First Lutheran Society will erect a $50,000 church on Main and Bedford Sts. Dr. Henry B. Wile, rector.

Centreville, Md. — A high school will be erected here, costing $15,000.

Chattanooga, Tenn. — It is said that a $35,000 building will be added to Grant University.

Chicago, Ill. — H. K. Holsman, 153 La Salle St., has prepared plans for a four-story brick apartment-house, to be erected at the corner of 55th St. and Indiana Ave.; cost $75,000.

Chas. H. Starkweather, 152 La Salle St., is to erect a $25,000 brick residence, at 1900 Calumet Ave.

Plans have been prepared by J. J. Flanders, 1518 Masonic Temple, for a $40,000 five-story manufacturing building, to be erected at the corner of Canal and Forquer Sts., for B. Mackey.

C. B. Scoville is to erect a $20,000 three-story store and flat building on Lake St., Oak Park. Plans by Patton, Fisher & Miller, 115 Monroe St.

Cleveland, O. — A Christian Scientist Church is to be erected at Cedar Ave. and Kennard St. It will cost $40,000 and have a seating capacity of 900.

Colorado Springs, Col. — It is stated that the Antlers Hotel Co. is to build a seven-story fireproof hotel; cost, $300,000. Varian & Sterner, architects, Denver.

A $200,000 Court-house is to be erected by El Paso County.

Columbus, O. — The erection of a $40,000 Y. M. C. A. Building at the State University is contemplated.

Council Bluffs, Ia. — It is stated that the Illinois Central R. R. will erect a $50,000 station and round-

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

house after plans by F. T. Bacon, Central Station, Chicago.

Denver, Col.—Report states that Warren & Norton have drawn plans for a $20,000 library to be built by the city at 15th St. and Court Pl.

Des Moines, Ia.—Hallet & Rawson have drawn plans for a brick and stone store-building, to be erected for I. Freidlich, on W. 6th and Walnut Sts.; cost, $30,000.

Detroit, Mich.—Gordon W. Lloyd has prepared plans for additions and alterations to the residence of T. D. Buhl, 143 Lafayette Ave., to cost $12,000.

W. H. Doyle will build a brick and stone residence, corner Rowena and John R. Sts., to cost $15,000; A. C. Varney & Co., architects.

The Board of Police Commissioners will build a new station corner Trumbull and Michigan Aves.; appropriation, $20,000.

George E. Currie will build one $8,000 stone residence, and one $8,000 stone and frame residence on the east side of Cadillac Ave., near Jefferson Ave., from designs by N. Wardrop.

R. J. Hutton will build a brick store and apartment building, corner St. Antoine and Farnsworth Sts., from designs by C. H. Bennett; estimated cost, $17,000.

Malcomson & Higginbotham have prepared plans for an eight-room school-house, also an addition to the M. M. Rose School; estimated cost, $25,000.

Duluth, Minn.—It is stated that a $20,000 hotel is to be erected on London Road.

Eldorado, Ark.—Plans have been prepared for a $25,000 Court-house for Union County.

Elizabeth City, N. C.—It is reported that a $20,000 church will be erected by the M. E. Society.

Forest City, Ia.—It is reported that Clarence Johnson, St. Paul, Minn., has prepared plans for a three-story stone and brick bank building for the Winnebago County State Bank; cost, $20,000.

Iowa City, Ia.—Plans have been prepared by Liebbe, Nourse & Rasmussen, of Des Moines, for a $30,000 school-building.

Kansas City, Mo.—The Washington Hotel at 12th Washington Sts., is to be remodelled after plans by George Mathews, Syndicate Building. About $30,000 will be expended.

Knoxville, Tenn.—A five-story building is to be built on Gay St. for Col. G. M. McGhee; cost, $25,000.

Sharon, Mass.—It is stated that L. S. Morgan is to erect a $30,000 opera-house. Plans by Herman F. Kling, Youngstown, O.

Traverse City, Mich.—It is stated that the Michigan Starch Co. will erect a factory, 50′ x 200′; cost, $30,000.

APARTMENT-HOUSES.

Boston, Mass.—*Massachusetts Ave.*, nr. Belvidere St., Ward 10, six-st'y bk. apart., 45′ x 75′, flat roof, steam; $125,000; o., Boston Apartment House Trust, 50 State St.; b., F. S. Robbins.

Brooklyn, N. Y.—*Ninth Ave.*, nr. 10th St., 3 four-st'y bk. flats, 31′ 4″ x 81′, steam heat; $60,000; o. & b., Peter Larson, 468 Thirteenth St.; a., T. Bennett, 198 Fifty-third St.

New York, N. Y.—*Twenty-ninth St., Nos.* 101-103, ten-st'y bk. & st. fireproof bachelor apart.; $125,000; o., Joseph Fleischman, 1115 Broadway; a., Buchman & Deisler, 11 E. 59th St.

Fifth St., Nos. 706-720, 8 six-st'y & base. bk. flats, 25′ & 27′ x 81′; $200,000; o., J. Livingston, Broadway, s e cor. Walker St.; a., M. Bernstein, 245 Broadway.

Convent Ave., cor. 150th St., five-st'y bk. & st. flat, 48′ x 100′; $45,000; o. & b., James McMillen, 42 E. 23d St.; a., Henry Anderson, 1180 Broadway.

One Hundred and Twenty-ninth St., nr. Lenox Ave., 2 five-st'y bk. flats, 25′ x 85′; $52,000; o., J. J. Schreiner, 110 W. 121st St.; a., John Hauser, 1441 Third Ave.

St. Nicholas Ave., cor. 113th St., six-st'y bk. & st. flat, 125′ x 111′ x 118′ x 63′ 5″; $125,000; o., Sylvester L. Mitchell, 132 E. 17th St.; a., Fred'k C. Browne, 143 W. 125th St.

(*Apartment-Houses Continued.*)

Water St., cor. Jackson St., 3 six-st'y bk. flats with stores, 23′ x 98′ & 109′; $98,000; o., S. O. Gronen, 4266 Fulton St., Brooklyn; a., Schneider & Herter, 46 Bible House.

Broadway, cor. 82d St., seven-st'y bk. flat with stores, 90′ x 97′; $200,000; o., Albert Saxe, 60 W. 76th St.; a., Stein, Cohen & Roth, 41 Union Sq.

Brook Ave., cor. 149th St., five-st'y bk. flat with stores, 35′ x 85′; $35,000; o., John S. Griese, 715 Prospect Ave.; a., L. F. J. Weiher, Jr., 81 E. 125th St.

One Hundred and Sixty-eighth St., cor. Fulton Ave., 4 five-st'y bk. & st. flats, three 28′ x 85′ & one 28′ x 95′; $95,000; o. & b., James T. Barry, 1149 Boston Ave.; a., Edw. Wenz, 1491 Third Ave.

Lexington Ave., cor. 92d St., seven-st'y bk. flat with store, 30′ x 73′; $60,000; o., John Welcker, 410 St. Nicholas Ave.; a., M. V. B. Ferdon, 147 E. 125th St.

Broadway, cor. 167th St., seven-st'y bk. & st. flats, 81′ x 94′; $225,000; o., Jos. A. Stoll, 322 W. 118th St.; a., Geo. Keister, 140 W. 34th St.

Broadway, cor. 101st St., seven-st'y bk. & st. apart., 60′ x 95′; $125,000; o., Smith & Rossler, 130 E. 86th St.; a., Neville & Bagge, 217 W. 125th St.

Lenox Ave., cor. 112th St., 3 five-st'y bk. flats with stores, 32′, 32′ 6″, 36′ 5″ x 90′, 95′; $120,000; o., Ast & Exner, 1523 Avenue A; a., John Hauser, 1441 Third Ave.

Ninety-third St., nr. W. Central Park, six-st'y bk. flat, 50′ x 90′; $60,000; o., J. D. Jennings, 965 Intervale Ave.; a., John De Hart, 1637 Fox St.

Market St., Nos. 65-69, 2 six-st'y & base. bk. flats with stores, 37′ x 47′ & 49′; $50,000; o., Jos. Hyman, 37 Allen St.; a., Horenburger & Straub, 122 Bowery.

Grand St., Nos. 420 422, six-st'y bk., st. & terra-cotta store & flat, 39′ x 89′; $35,000; o. & b., Horowitz & Farnas, 29 Canal St.; a., Horenburger & Straub, 122 Bowery.

E. Sixteenth St., Nos. 333-335, six-st'y bk. flat, 44′ x 80′; $40,000; o., Morris Jacobson, 206 E. 68th St.: a., Schneider & Herter, 46 Bible House.

Broadway, cor. 82d St., seven-st'y bk. & st. semi-fireproof flat, 90′ x 102′; $200,000; o., Albert Saxe; a., Stein, Cohen & Roth, 41 Union Sq.

Seventh St., cor. Avenue B, six-st'y & base. bk. & st. stores & flats, 40′ x 93′; $45,000; o., Mr. Seigel; a., Schneider & Herter, Bible House.

W. Central Park, Nos. 97-98, eight-st'y bk. & st. flat, 50′ x 90′; $175,000; o. & a., Alonzo B. Kight, 102 W. 81st St.

One Hundred and Thirteenth St., cor. 1st Ave., 4 six-st'y bk. flats, 25′ x 87′ & 25′ x 95′; $145,000; o., Keshin & Frank; a., R. Werner, 7 Teasdale Pl.

CHURCHES.

Rochdale, Mass.—One-st'y fr. church, 40′ x 60′; $6,500; Rev. Mr. Bartlett, pastor; a., George H. Clemence, Worcester; e., Curtis M. Brigham, Whitinsville.

EDUCATIONAL.

Brooklyn, N. Y.—*Troutman St.*, nr. Central Ave., four-st'y bk. school & roof playground, 62′ x 99′, tile roof, steam heat; $85,000; o., City of New York; a., C. B. J. Snyder, 585 Broadway, New York.

HOTELS.

New York, N. Y.—*Madison Ave.*, cor. 43d St., fifteen-st'y & base. bk. hotel, 81′ 5″ x 109′ & 100′ 5″; $750,000; o., James J. Belden, Syracuse, N. Y.; a., H. J. Hardenbergh, 10 W. 23d St.; b., Marc Eidlitz & Son, 489 Fifth Ave.

Washington Sq., nr. 4th St., seven-st'y bk. hotel, 27′ 5″ x 122′; $75,000; o., Chesebro & De Hart, 1637 Fox St.; a., John De Hart, 1637 Fox St.

(*Hotels Continued.*)

Forty-seventh St., Nos. 132-134, ten-st'y bk. hotel, 37′ 6″ x 90′ & 98′ 5″; $150,000; o., J. H. Burchell, 217 Montague St., Brooklyn; a., D. G. Malcom, 1133 Broadway.

HOUSES.

Boston, Mass.—*Nazeing St.*, nr. Maple St., Ward 21, two 2½-st'y fr. dwells., 29′ x 42′, pitch roofs, furnaces; $10,000; o. & b., S. M. Shapleigh, 495 Warren St.

Sachem St., No. 15, Ward 19, three-st'y fr. dwell., 25′ x 53′, flat roof, stoves; $5,000; o., Mary T. Cantwell, 139 Hillside St.; b., John Cantwell.

Francis St., nr. Huntington Ave., Ward 19, two 2½-st'y fr. dwells., 26′ x 64′, pitch roofs, furnaces; $12,000; o. & b., J. C. Spillane, 8 Cobden St.

Templeton St., nr. Dorchester Ave., Ward 24, 6 three-st'y bk. dwells., 25′ x 56′, flat roofs, furnaces; $21,000; o. & b., J. L. Grobet & Co.

Conant St., nr. Huntington Ave., Ward 19, 3 three-st'y bk. dwells., 18′ x 23′ x 53′, flat roofs, stoves; $18,000; o., E. W. Folsom; a., G. W. Pope's Sons; not let.

Cottage Park, nr. Bowdoin St., Ward 25, two-st'y fr. dwell., 26′ x 44′, pitch roof, furnace; $4,500; o. & b., Edw. Walsh, 9 Cottage Park.

Minot St, nr. Highland Ave., Ward 24, two-st'y fr. dwell., 37′ x 42′, pitch roof, furnace; $4,000; o., Timothy Dunn, 36 Minot St.; b., C. H. & H. B. Horne.

Kerwin St., No. 13, Ward 20, 2½-st'y fr. dwell., 30′ x 33′, pitch roof, furnace; $5,000; o., D. Frank Doherty, 61 Bernard St.; not let.

Linden Park St., nr. Lamont St., Ward 18, 3 three-st'y bk. dwells., 19′ x 40′, flat roofs, stoves; $15,000; o., Jos. Malansky; b., B. Foternick.

Aberdeen St., nr. Beacon St., Ward 11, 2 three-st'y bk. dwells., 20′ x 70′, flat roofs, furnaces; $20,500; o. & b., Mark Lewis, 43 Irving St.

Columbus Ave., nr. Davenport St., Ward 18, 3 three-st'y bk. dwells., 23′ x 55′, flat roofs, stoves; $20,000; o., Abram Lavinski; b., J. Foternick, 47 Court St.

Orchard Park St, nr. Dearborn St., Ward 17, four-st'y bk. dwell., 22′ x 46′, flat roof, stoves; $7,000; o., Jos. Lazarus; a., W. E. Clarke, 15 Court Sq.

Lamont St., nr. Linden Park St., Ward 19, 3 three-st'y bk. dwells., 19′ x 40′, flat roofs, stoves; $15,000; o., Jos. Malansky; b., B. Foternick, 106 Brighton St.

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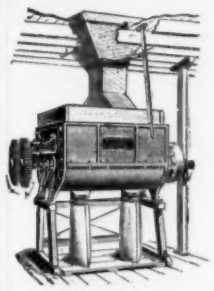

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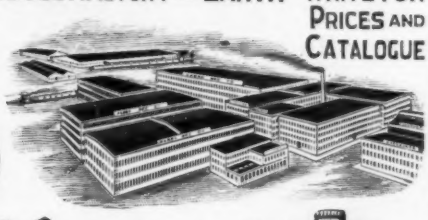

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Falcon St., nr. Putnam St., Ward 1, three-st'y fr. dwell., 28′ x 56′, flat roof, stoves; $4,000; o. & b., Jacob Kamberg, 14 Kennard Ave.

Bynner St., nr. Day St., Ward 22, 2½-st'y fr. dwell., 28′ x 49′, pitch roof, furnace; $6,000; o., J. J. Kelley; a., I. G. Hutchinson, 3708 Washington St.

Dorchester Ave., No. 1401, Ward 20, 2 three-st'y fr. dwells., 28′ x 35′, flat roofs, stoves; $8,000; o., A. H. Shepard; b., David Campbell, 32 Magdala St.

Harold St., nr. Walnut Ave., Ward 21, 2½-st'y fr. dwell., 26′ x 62′, pitch roof, furnace; $6,000; o., E. T. Kenney; a., Rob't A. Watson.

Webster St., Nos. 116-118, Ward 2, 2 three-st'y fr. dwells., 20′ x 62′, flat roofs, stoves; $8,000; o. & b., Isaac Hellar & Co., 91 Webster St.

Willis St., No. 12, Ward 20, 2½-st'y fr. dwell., 28′ x 52′, pitch roof, furnace; $5,500; o., Charlotte A. Powell; a., F. G. Powell, 79 Milk St.

Fairbanks St., nr. Faneuil St., Ward 25, 2½-st'y fr. dwell., 23′ x 32′, pitch roof, furnace; $9,000; o. & b., A. Rissell, 293 Faneuil St.

Weld Ave., nr. School St., Ward 22, two-st'y fr. dwell., 26′ x 53′, pitch roof, furnace; $5,500; o., Elizabeth J. Carr, 12 Weld Ave.; b., J. I. Stewart & Co.

Brookline, Mass.—*Circuit Road*, two-st'y fr. dwell., pitch roof, furnace; $7,000; o., Edward Dodge; b., John I. Stewart & Co.

Avon St., 2½-st'y fr. dwell., pitch roof, furnace; $20,000; o., Arthur N. Hartt; b., Wm. H. Wilson.

Clinton Road, 2½-st'y fr. dwell.; $7,000; o., Frank T. Partridge; b., Edw. L. Rogers.

Brooklyn, N. Y.—*Sixtieth St.*, nr. 12th Ave., three-st'y fr. store & dwell., 33′ x 50′, shingle roof, hot air; $5,500; o., Frank Sauer, 63 Luqueer St.; a., T. Bennett, 198 Fifty-third St.

Stillwell Ave., cor. 80th St., two-st'y & attic fr. dwell., 26′ 6″ x 41′ 2″, shingle roof, steam heat; $7,500; o., T. A Nugent, 24th Ave. & 85th St.; b., G. F. Beatty, 750 Sterling Pl.

Fort Hamilton Ave. and E. Fifth St., two-st'y fr. dwell. & 5 stores, 32′ x 50′ & 50′ x 100′; $7,000; o., Grace D. Markgraf, Windsor Terrace; a., F. S. Lowe, 186 Remsen St.

Carlton Ave., cor. Dean St., three-st'y & base. bk. dwell., 20′ x 50′, steam heat; $9,000; o., Peter Reilly, 588 Dean St.; a., P. F Rosen, 108 Park Pl.

E. Twenty-first St., nr. Ditmar Ave., two-st'y & attic fr. dwell., 31′ x 46′, shingle roof, steam heat; $5,000; o., Jeremiah Lott, 920 Flatbush Ave.; a., J. J. Petit, 186 Remsen St.

Garfield Pl., nr. 8th Ave., five 3½-st'y & base. bk. dwells., 20′ x 48′, steam heat; $60,000; o. & b., W. Flanagan, 69 Seventh Ave.; a., F. Collins, 67 Clermont Ave.

Fifty-fourth St., nr. 5th Ave., 26 two-st'y & base. bk. dwells., 20′ x 43′; $130,000; o. & b., John Beet, 283 Fifty-first St.; a., T. Bennett, 198 Fifty-third St.

Hawthorne St., nr. Flatbush Ave., eight 2½-st'y bk. dwells., 20′ x 43′; $40,000; o., G. L. Baker, 635 Prospect Pl.; a., G. Hitchings, 809 Flatbush Ave.; b., H. C. Baker.

Jefferson Ave., nr. Tompkins Ave., three-st'y & base. bk. dwell., 20′ x 45′, hot air; $8,000; o., Fred B. Morris, 397 Macon St.; a., Axel S. Hedman, Arbuckle Building.

Third Ave., nr. 77th St., three-st'y fr. store & dwell., 24′ 4″ x 50′; $6,000; o., Heisenbuttel, Nearing & Co., Flushing Ave. & Hall St.; a., Thos. Bennett, 198 Fifty-third St.

Ninth Ave., cor. 7th St., 3 four-st'y & base. bk. dwells., 20′ x 67′ 6″, steam heat; $30,000; o., Chas. Hart, 4th Ave. & Degraw St.; a., W. J. Ryan, 107 Steuben St.; b., T. G. O'Connor, 4th Ave. & Degraw St.

Nineteenth St., bet. Waverly Road & Avenue C, 3 two-st'y fr. dwells.; $18,000; o. & b., T. B. Ackerson Construction Co., 2448 Church Ave.

Falmouth Heights, Mass.—Two-st'y fr. dwell., 26′ x 40′; $3,000; o., Edward Hall, Worcester; b., Wilson R. Jenkins, E. Falmouth; a., E. T. Chapin, Worcester.

Jersey City, N. J.—*Sixteenth St., No.* 180, four-st'y bk. dwell.; $10,000; o., Henry Byrne; a., Hugh Roberts.

Newton, Mass.—*Hyde Ave.*, Ward 7, two-st'y fr. dwell., 30′ x 40′, furnace; $7,000; o., M. Louise Pratt; b., E. N. Hutchins.

Lombard St., Ward 5, two-st'y fr. dwell., 26′ x 46′, furnace; $6,000; o., J. N. Palmer; b., J. W. Henderson.

Walnut St., Ward 2, two-st'y fr. dwell., 50′ x 60′, steam; $12,000; o., A. W. Clapp; b., Higgins & Nickerson.

New York, N. Y.—*Ninety-fourth St., Nos.* 18-24, 4 five-st'y bk. dwells., 19′ & 19′ 8″ x 97′ 11″ & 82′; $100,000; o., B. A. Williams, 20 E. 94th St.; a., Van Vleck & Goldsmith, 111 Fifth Ave.

Audubon Park Lane, nr. 158th St., 3 three-st'y bk. dwells., 16′ 8″ x 50′; $24,000; o., A. W. Cordes, 634 W. 158th St.; a., De Lemos & Cordes, Fulton Building.

One Hundred and Fiftieth St., nr. Amsterdam Ave., 10 four-st'y bk. dwells., 15′ x 62′; $150,000; o., Joseph Strauss, 355 First Ave.; a., C. Steinmetz, 60 Liberty St.

Fifty-fourth St., nr. 5th Ave., five-st'y bk. dwell., 25′ x 74′ 3″; $48,000; o., Philip Lehman, 53 W. 56th St.; a., John H. Duncan, 21 W. 24th St.

W. Fifty-fourth St., No. 126, two-st'y bk. dwell. & stable, 25′ x 90′; $10,000; o., Robt. Scoville, care of architects; a., Heins & La Farge, 7 Beekman St.

W. Forty-ninth St., No. 123, three-st'y bk. dwell. & stable, 25′ x 100′ 4″; $14,000; o., C. I. Cooke, 2 W. 48th St.; a., Lienau & Nash, 64 Cedar St.

Oxford, Mich.—Two-st'y fr. dwell., 39′ x 58′, shingle roof, hot water; $5,800; a., Joseph E. Mills, 802 Chamber of Commerce.

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New York, N. Y.—*Eighth Ave.*, cor. 49th St., two-st'y & base. bk. market, 125′ 8″ x 124′ 9″ & 150′; $175,000; b. & lessee, The American Market Co., 229 Broadway; a., David W. King, 1133 Broadway; o. of land, The Cushman Syndicate, 27 William St.

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Brooklyn, N. Y.—*Court St.*, cor. Joralemon St., fourteen-st'y bk. office-building, 61′ 3″ x 88′ 3″, cement roof, steam heat; $500,000; o., David G. Leggett, 222 Columbia Heights; a., Geo. L. Morse, 303 Washington St.

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Macon, Ga.—Three-st'y bk. clothing-store, 28′ x 170′, tin roof, steam; $20,000; o., Eads, Neel & Co.; a., W. F. Denny, Atlanta.

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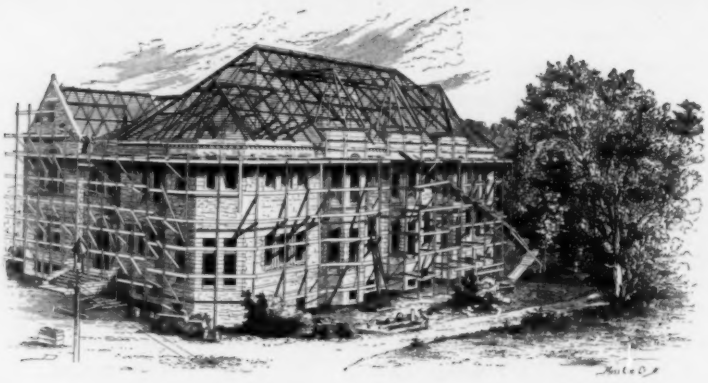

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W. Broadway, cor. Spring St., six-st'y bk. lofts & stores, 25′ 2″ x 75′ 3″; $40,000; o., Arthur A. Hodges, 1133 Broadway; a., Small & Schumann, 265 Broadway.

Fifth Ave., cor. 16th St., ten-st'y bk. loft & stores, 49′ x 141′ 10″; $450,000; o., Harry Chaffee, 29 E. 19th St.; a., R. S. Townsend, 29 E. 19th St.

Fifth Ave., No. 95, ten-st'y bk. loft with stores, 22′ x 116′ 10″; $125,000; o., Henry Corn, 142 Fifth Ave.; a., Rob't Maynicke, 725 Broadway.

Sullivan St., Nos. 33 35, five-st'y bk. lofts & stores, 40′ x 73′; $35,000; o., Peter Roberts, Montclair, N. J.; a., Wm. L. Irving, 276 W. Broadway.

Eighteenth St., No. 10, eight-st'y bk. store & lofts, 24′ x 88′; $160,000; o., J. J. McCaffery, 35 E. 19th St.; a., Henri Fouchaux, 162d St. & Broadway.

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One Hundred and Sixteenth St., Nos. 18 20, five-st'y bk. tenement & store, 25′ x 86′ 9″; $26,500; o., Mary C. Gallagher, 1780 Madison Ave.; a., Rudolph Moeller, 959 E. 165th St.

BUILDING INTELLIGENCE.

(*Tenement-Houses Continued.*)

One Hundred and Twelfth St., nr. 2d Ave., 4 five-st'y bk. tenements with stores, 25′ x 84′ 10″; $60,000; o., Guiseppe Fusco, 2204 First Ave.; a., S. M. Holden, 81 E. 125th St.

Eldridge St., No. 165, six-st'y & base. bk. tenement with store, 25′ x 87′ 1″; $27,000; o., Julius Dryfus, 324 W. 59th St.; a., Geo. F. Pelham, 503 Fifth Ave.

Third St., cor. Manhattan St., 2 six-st'y tenements with stores, 31′ x 64′ & 59′; $59,000; o. & b., Samuel Michaelson, 130 Avenue B; a., Horenburger & Straub, 122 Bowery.

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WING FOR ASYLUM. [At Hastings, Minn.]
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S. H. Little, clerk, Caledonia Township, will receive bids **until June 20**, for erecting a school-house. 1224

PAVING BLOCKS. [At Washington, D. C.]
Office of the Commissioners, Washington, D. C. Sealed proposals will be received at this office **until June 17, 1899**, for furnishing vitrified paving blocks. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1224

SCHOOL-HOUSE. [At Blooming Prairie, Minn.]
Sealed bids will be received for the erection of a school-house at Village of Blooming Prairie, Steele County, Minnesota, by the secretary, M. M. Guthrie, **on or before June 20th, 1899.** 1224

SCHOOL. [At Glenville, Minn.]
Sealed proposals will be received by the Board of Education of Glenville, Minn., **until June 19th**, for the erection of a four-room brick school-building. O. M. NELSON, Sec. 1224

SCHOOL-HOUSE. [At Bussey, Ia.]
Sealed bids will be received by the Board of Education of the Independent School District of Bussey, Marion County, Ia., **until June 20th, 1899**, for the erection and completion of a school-building at Bussey, Ia. E. H. WEST, Sec. 1224

HIGH-SCHOOL BUILDING. [At Charles City, Ia.]
Sealed proposals will be received by the School Board of the Independent District of Charles City, Ia., for the construction of a high-school building, **until June 19, 1899.** S. G. SLOANE, Sec. 1224

SEWER CONSTRUCTION. [In District of Columbia.]
Office of the Commissioners, D. C. Sealed proposals will be received at this office **until June 20th, 1899**, for constructing sewers in the District of Columbia. JOHN B. WIGHT, JOHN W. ROSS, LANSING H. BEACH, Commissioners, D. C. 1224

EXTENSION TO BRIDGE. [At Natick, Mass.]
Sealed proposals will be received by the Board of Selectmen of Natick, Mass., **until June 29th, 1899**, for building an extension to the arch bridge over the Charles River, a retaining wall, and to widen the roadway. F. W. SHATTUCK, Chairman of Selectmen. 1225

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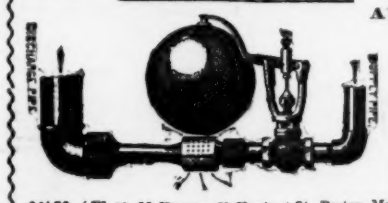

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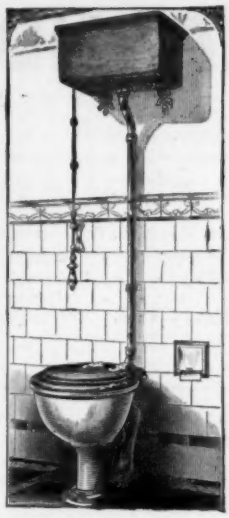

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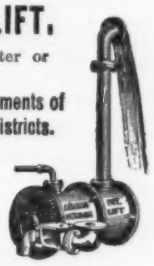

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PROPOSALS.

BRIDGE. [At Sauk Rapids, Mich.]
Plans and bids are wanted **June 27** for the repair and construction of the Mississippi wagon bridge. A. E. KASNER, Co. Aud. 1225

BRIDGES. [At Williamsport, Ind.]
Bids are wanted **June 23** for 6 iron bridges. E. C. LIVENGOOD, Chmn. Co. Commrs. 1225

Sealed proposals will be received at the Office of Light house Engineer, Tompkinsville, N. Y., until 12 o'clock M., June 28, 1899, and then opened, for furnishing three 4th order lanterns. Information furnished on application to LT.-COL. D. P. HEAP, Corps of Engineers, U. S. A. 1225

HOSPITAL. [At Redding, Cal.]
Bids will be received **until July 6** for a two-story hospital for Shasta County to cost not more than $10,000. Address COUNTY CLERK. 1224

ELECTRIC PLANT. [At Conanicut Island, R. I.]
U. S. Engineer Office, Newport, R. I. Sealed proposals for furnishing and installing electric light and power plant in gun emplacement at the Dumplings, Conanicut Island, R. I., will be received here **until June 24, 1899.** D. W. LOCKWOOD, major, engineers. 1224

SCHOOL. [At Garfield, Ia.]
Bids are wanted **June 15** for a school. JOHN SPALLA, Secy. School Bd. 1224

IRON, STEEL, ETC. [At Watertown, Mass.]
Bids are wanted **June 22** for furnishing iron, steel, etc., at the Watertown arsenal. LIEUT. COL. J. W. REILLY, Ord. Dept. Comd'g. 1224

BARRACKS. [At Fort Meade, S. D.]
Bids are wanted **June 19** for two barracks, also for heating, gas-piping and plumbing the same. GEO. E. POND, Ch. Q. M., St. Paul, Minn. 1224

SCHOOL. [At Williston, O.]
Bids are wanted **June 19** for a school. D. O. SHEPHERD, Clk. Bd. Educ. of Allen Township. 1224

JAIL. [At Wellington, Kan.]
Bids are wanted by the County Commissioners **June 20** for a Jail. 1224

HOSPITAL. [At Plum Island, N. Y.]
Quartermaster's Office, Fort Trumbull, Conn. Sealed proposals for construction of hospital, hospital steward's quarters and heating hospital, Plum Island, N. Y., will be received here **until June 15, 1899.** GEO. A. NUGENT, Q. M. 1224

CONSTRUCTION, PLUMBING, ETC. [At Fort Ethan Allen, Vt.]
Office Constructing Quartermaster, Fort Ethan Allen, Vt. Sealed proposals will be received here **until June 19, 1899,** for construction, plumbing, heating and gas-piping of one 2 company barrack, two double set officers' quarters, one subsistence storehouse, two cavalry stables and one stable guard house. CAPT. J. W. HEARD, Q. M. 1224

PROPOSALS.

SCHOOL. [At Milnor, N. D.]
Alrik Johnson, district clerk, will receive bids **until June 20** for building a school-house in White Stone Hill Township. 1224

COURT-HOUSE AND JAIL. [At Warren, Minn.]
The undersigned hereby give notice that sealed proposals for the erection of a Court-house and Jail in the City of Warren, County of Marshall, Minn., including all labor and material, will be received by the County Auditor of Marshall Co., Minn., **until the 30th day of June, 1899.** (Signed) W. E. WOOD, J. M. SCHIE, H. GUNDERSON, ADOLF S. ROKKE, GEO. W. PECK, Board of County Commissioners of Marshall County, Minn. A. B. NELSON, Auditor. 1225

SCHOOL. [At Iowa Falls, Ia.]
The undersigned hereby gives notice that sealed proposals for the erection of a four-room school-house, including all labor and material, will be received by the undersigned **until the 25th day of June, 1899.** (Signed) FRANK D. PEET, Secy., Independent District, Iowa Falls, Ia. 1225

CONSTRUCTION. [At Fort Wadsworth, N. Y.]
Fort Wadsworth, N. Y. Sealed proposals will be received here **until June 24, 1899,** for construction here of dead-house. Address QUARTERMASTER, Fort Wadsworth, N. Y. 1225

PROPOSALS.

BRIDGES. [At Evansville, Ind.]
Bids are wanted **June 22** for 10 bridges. JOHN G. PAINE, Chmn. Co. Commrs. 1225

JAIL. [At Logansport, Ind.]
Bids are wanted by the County Commissioners, **July 6** for a Jail. 1225

HEATING AND PLUMBING. [At Oshkosh, Wis.]
Bids are wanted **June 24** for heating and plumbing in the Public Library. DAN WITZEL, City Clk. 1225

HIGH SCHOOL. [At Odebolt, Ia.]
Bids are wanted **June 22** for a high school. W. A. HELSELL, Pres. Bd. Directors of the Independent Dist. 1225

ELECTRIC WIRING. [At Madison, Minn.]
Sealed proposals for the installment of electric wiring in the Lac Qui Parle County Court-house will be received **until July 10, 1899.** JOHN B. OADSON, County Auditor. 1225

SCHOOL-HOUSE. [At Burlington, N. D.]
J. J. Hunniwell, district clerk, will receive bids **until June 26,** for erecting a school-house. 1225

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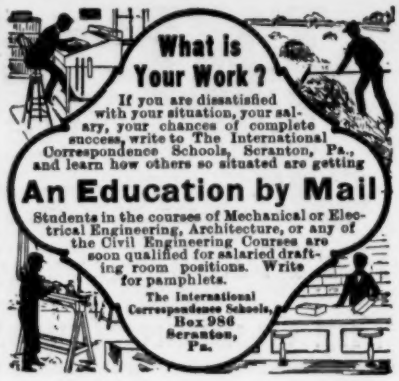

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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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

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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."

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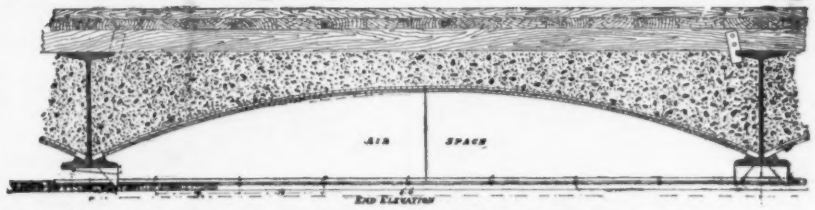

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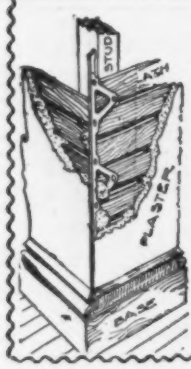

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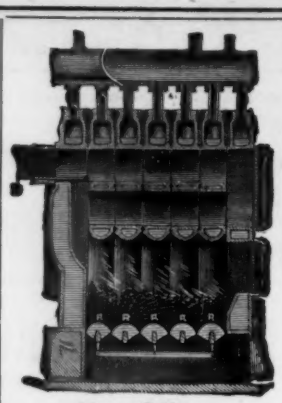
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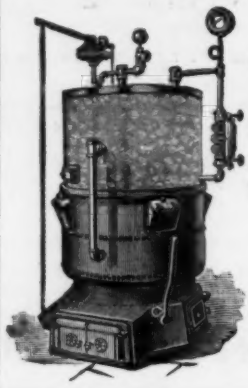

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" Moulded		Imported	Chicago, do	@ 12 00
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VOL. LXIV. — No. 1225.] SATURDAY, JUNE 17, 1899. PRICE, { REGULAR ISSUE, 15 CENTS. IMPERIAL " 25 "

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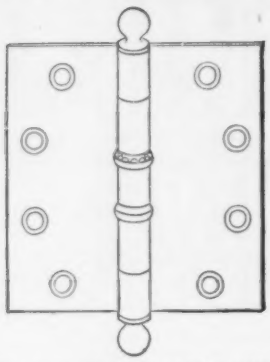

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Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ foot	@ 5 00
Block	@	4 60 ₱ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9″ 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea 13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	2 25 @ 2 30	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ M	5 60 @ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	30″ $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	24″ 8 @ 21
Cedar sawed "	@	2 50 @ 3 50	2 50 @ 2 90	20″ 35 @ 14
Cypress. Split.....7 x 24 "	18 00 @ 20 00	5 00 @ 60		11 00 @ 14

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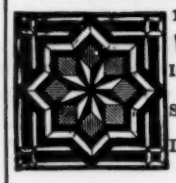

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F. ADEE & CO. (New York, N. Y.), Water-closet. Page xi.

See last or next issue for the following advertisements: —

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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.*]

626,213. TRANSOM-LIFTER. — William T. Adams, Reading, Pa.

626,307. BRICK, TILE, ETC., AND CONSTRUCTION OF WALLS, ETC. — James Sheppard and Frederick Dashwood, London, Eng.

626,338-344. LOCK. — Byron Phelps, Seattle, Wash.

626,364. AUTOMATIC FIRE-ALARM SYSTEM. — Rob't G. Callum and John W. Fritch, Washington, D. C.

626,365. BOX COLUMN. — Louis L. Calvert, Philadelphia, Pa.

626,376. LOCK. — Julius W. Haglund, Stockholm, Sweden.

626,427. VISE. — Ernest H. Jones, London, Eng.

626,449. WINDOW-SHUTTER. — Howard White, Burmont, Pa.

626,454. WATER-HEATER. — George P. Brintnall, Buffalo, N. Y.

626,492. WEATHER-STRIP. — Peter L. Hedberg, Chicago, Ill.

626,503. WINDOW-SASH LOCK. — Jesse R. Oakley, Braddock, Pa.

626,560. FIREPROOF FLOOR AND CEILING. — Michael J. O'Meara and Louis L. Calvert, Philadelphia, Pa.

626,583. STUDDING FOR FIREPROOF WALLS. — Allan P. Whittemore, Webster Groves, Mo.

626,615. WINDOW. — John C. Hood, Wilkinsburg, Pa.

626,616. LOCK. — Winfield S. Houser, Bellefonte, Pa.

626,645. WATER-CLOSET. — Lee H. Williams, Indianapolis, Ind.

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.

Alfred, Me. — Rev. John Parsons, of Brookline, Mass., and George Parsons, of New York City, are to erect a $25,000 library building here in memory of their family, which is one of the old Alfred families.

Boston, Mass. — A syndicate has been formed, with a capital of $750,000, which plans to purchase the property No. 16 to 20 Pemberton Sq., and to erect thereon a steel-frame, fireproof store and office building. $350,000 will go to pay for the land. The trustees of the syndicate are Messrs. Moses Williams, Reginald Foster and Edward A. Bangs.

Brooklyn, N. Y. — Rev. Wm. H. Hudnut, pastor of Grace Presbyterian Church, Stuyvesant Ave., near Jefferson Ave., has received a call to be associate pastor of a Presbyterian Church in Youngstown, O., and he has told his congregation that he could not remain in Brooklyn unless a new church build-

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

ing was erected by Grace Church. He said that it would mean a great sacrifice for them to do this, but he believed that this was a crisis in the history of the organization, and it was now the time to act. It is estimated that a modern structure can be erected for $40,000.

An important addition is soon to be made to the Brooklyn Institute of Arts and Sciences.

Bryn Mawr, Pa. — George Hearst, of Germantown, has been awarded the contract for the erection of the new school-house at $23,203.

Chicago, Ill. — It is stated that a seven-story brick cold-storage warehouse, costing $75,000, is to be erected on Michigan St., between Cass and Rush Sts., for Frederick Espert, 98 S. Water St. Plans by F. Aischlager, 70 La Salle St.

Report states that D. H. Burnham, 1142 Rookery Building, has prepared plans for a $100,000 gymnasium for the Northwestern University. Henry Wade Rogers, Pres.

Barfield & Hubbel, 87 Washington St., are preparing plans for a $200,000 building for the Chicago Hospital.

John F. Pope, 1649 W. Harrison St., has completed plans for a $100,000 church which the Servite Fathers will erect on Jackson Boulevard.

Collins, N. Y. — The Board of Managers of the Gowanda State Homœpathic Hospital have accepted the plans of Architect Esenwein for an $80,000 addition to the Collins Hospital. Fred O. Blackmore, Sec., Gowanda.

Danville, Va. — It is reported that the Southern R. R. Co. will erect a $40,000 depot.

Des Moines, Ia. — Hallet & Rawson have prepared plans for a $30,000 store and office building to be erected on 6th and Walnut Sts. for the Utica Clothing Co.

Dubois, Pa. — A new $40,000 high-school building is in process of erection at this place.

Eldorado, Ark. — It is stated that Chas. L. Thompson, Little Rock, has completed plans for a new court-house for Union County; cost, $25,000.

Erie, Pa. — A $35,000 addition is to be built to the Soldiers and Sailors' Home.

Fitchburg, Mass. — H. M. Francis has completed plans for a four-story brick building for the Old Ladies' Home Corporation.

Green Bay, Wis. — It is stated that the plans of Fisher & Johnson, St. Louis, have been accepted for a $30,000 opera-house.

Hanover, Ill. — It is stated that $4,000 has been appropriated for a school-house.

Hartford, Conn. — A $30,000 brick addition will be made to Mt. Holyoke College.

Hastings, Minn. — A $30,000 high school is to be erected here after plans by H. Kretz & Co., of St. Paul.

Plans have been prepared by W. B. Dunnell, 616 Chamber of Commerce, Minneapolis, for a hospital to be built in this city at a cost of $60,000.

Hayward, Wis. — $60,000 has been appropriated and a site has been selected for the erection of an Indian School at this place.

Hebron, Me. — Hebron Academy is to have a $70,000 dormitory.

Joplin, Mo. — It is stated that the Presbyterian Society will build a $20,000 church.

A $50,000,-five-story building is to be erected by the Famous Clothing Co.

Kenosha, Wis. — It is stated that Hennessy Bros. & Evans, general contractors for the Simmons Library, have let the contract for the marble work for the interior of the building to the Grant Marble Co., of Milwaukee, for $34,000.

C. A. Dickhaut has made plans for a four-story store and office building for T. J. Meyers, to be erected at this place, at a cost of $20,000.

Knoxville, Tenn. — A $30,000 church may be erected by the First Presbyterian Society.

Lansdowne, Pa. — Roland W. Boyle is preparing plans for a one-story and basement church to cost $20,000, for St. John's Protestant Episcopal Society.

Lebanon, Ind. — It is said that Boll & Taylor, Cincinnati, O., have prepared plans for a $200,000 court-house for Boone County.

Malden, Mass. — Hon. E. S. Converse is to erect an opera-house on his land on Pleasant St. Tristram Griffin has prepared plans for the structure which will be of brick and stone, containing stores and offices, halls and lodge-rooms, the opera-house being in the rear. The cost of this building will be $100,000.

McFann, Pa. — Report states that the Doeer farm, containing 250 acres, has been purchased for $25,000, and on it will be erected industrial buildings, costing $61,000; architect, A. H. Owsley, Youngstown, O.

Memphis, Tenn. — Weathers & Weathers, Southern Express Building, have completed plans for a $40,000 hotel, to be built by Napoleon Hill, at 3d and Madison Sts.

Milwaukee, Wis. — It is reported that the Boston Ground Rent Co. is to erect a $40,000 six-story

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

office-building on Milwaukee St., near Michigan. Plans by Ferry & Clas, architects.

A five-story brick building will be erected at Reed and Water Sts. by F. A. Walsh; cost, $50,000.

Minneapolis, Minn. — A four-story brick flat-building is to be erected at 11th St. and Harmon Pl., for A. H. Lindley; cost, $50,000; architect, Fred Kees.

The Temple Court Building is to be reconstructed into a modern structure; cost of improvements, $40,000.

Morris, Minn. — It is stated that W. S. Pardee, Minneapolis, has drawn plans for a three-story business block to be erected here; cost, $30,000.

Mount Pleasant, Mich. — The State Normal School is to be remodelled at a cost of $45,000.

Nashville, Tenn. — It is announced that a building is to be erected on N. Spruce St., for the Dental Department of the University of Tennessee; cost, $25,000.

New Haven, Conn. — L. W. Robinson, 730 Chapel St., has prepared plans for a $25,000 hospital to be erected on Howard St. and Congress Ave.

New Orleans, La. — A. C. Bell, City Engr., estimates the cost of erecting a jail at $50,000.

New York, N. Y. — An $85,000 brick school is to be erected on Troutman St. and Central Ave., Boro. of Brooklyn. C. B. F. Snyder, 585 Broadway, architect.

The Teacher's College is soon to have a new building. Land on the Boulevard has been secured at a low figure, and $25,000 has been pledged. The trustees hope to get the rest of the money within a year or so.

Norristown, Pa. — The contract for the high school at $61,053 has been awarded L. H. Focht, of Reading.

North Adams, Mass. — A mill costing $1,500,000 is to be built at this place.

North East, Pa. — It is stated that the Lake Shore Road will build a $35,000 depot here.

Oshkosh, Wis. — It is stated that the Barnes Machine Co. has had plans prepared by E. E. Stevens, for three buildings, a machine shop, a foundry and a warehouse; cost, $60,000.

Parsons, Kan. — It is reported that a $100,000 State Insane Asylum will be erected here.

Paterson, N. J. — A $20,000 church is to be built by the First Baptist Society. Rev. Brougher, pastor.

Pennsburg, Montgomery Co., Pa. — The Farmer's National Bank will erect a new building.

Philadelphia, Pa. — M. P. Wells & Co., 1420 Chestnut St., have the contract to erect a seven-story store building at 1224 Market St. for John H. Hallahan; cost, $20,000.

Chas. McCaul, 10 N. 11th St., has received the contract for the John P. Mathiew & Co., morocco plant, 10th and Westmoreland Sts.; cost, $125,000. Hales & Ballenger, architects, 1200 Chestnut St.

The designs made by Wilson Bros. & Co. have won the competition for the armory and barracks to be built at Caracas for the Venezuelan Government, at a cost of $200,000.

William R. Dougherty has the contract to build the Moss Home for Incurables, for the Jewish Hospital. The building will cost $30,000.

It is proposed to erect an eight-story factory at Juniper and Cherry Sts. for George F. Lasher, printer. Chas. Balderston has prepared plans and specifications.

Contractor Geo. L. Sipps has plans for estimates for erecting a four-story building, 44½′ x 62½′, for the Young Women's Union at 442-428 Bainbridge St. The front will be built of brick, ornamented with granite, limestone and terra-cotta, and the entrance on Bainbridge Street will be decorated with four fine stone columns. The plans are by Architects Baker & Dallett.

It is reported that George F. Payne & Co. will erect a three-story stable, 32′ x 58′, at Nos. 1626-1630 Chancellor St., for Alexander Van Rennselaer.

Piggott, Ark. — Patrick Powers, of Little Rock, has received the contract for two court-houses, one at this place, and the other at Corning; cost, $40,000.

Pipestone, Minn. — The plans of Pass & Schippel, architects, of Mankato, were adopted for the court-house. It will be two-story, 75′ x 100′, of jasper and sandstone, with jasper foundation, slate roof, steam heat, cementing, fire-brick, iron beams and vaults; cost, $40,000.

Pittsburgh, Pa. — Plans have been prepared by Fred'k Osterling for a $40,000 residence near Ingram, for County Recorder George M. Von Bonnhorst.

The Bellefield Presbyterian Society will erect a new church costing $35,000.

Plans have been prepared for a $25,000 edifice for the Wylie Ave. M. E. Church.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Pontiac, Mich. — The erection of two cottages is contemplated by the Eastern Michigan Asylum. Each will cost $30,000, and will accommodate 100 people.

Portland, Ore. — W. H. Corbett has offered to present to the Homœpathic Hospital & Dispensary Association six acres of land, valued at $20,000, provided the association raises $10,000 for the building fund. $5,000 of the amount has been subscribed.

Richmond, Va. — It is said that the Southern Ry. Co. will erect a $60,000 depot on Mill and 14th Sts.

An opera-house is to be built on 8th St., near Franklin St., at a cost of $20,000. J. B. McElfatrick & Son, New York City, architects.

Rome, Ga. — It is stated that the Southern Ry. Co. will erect a $50,000 freight depot on East and 2d Aves.

San Antonio, Tex. — It is stated that a new market-house and convention hall costing $45,000 is to be erected here. The first story will be for market purposes and a sixteen-foot awning will surround the building. The southeast corner will be occupied by a restaurant. The convention hall will be 72′ x 240′, and will have a seating capacity of 4,300, with galleries to accommodate 2,000 more; architect, Alfred Giles. Bids are open to contractors after June 5th.

San Francisco, Cal. — An eleven-st'y hotel, modern in every respect, is to be erected on the site of the old Baldwin Hotel, at Market and Powell Sts., costing $2,000,000. A corporation has been formed for this purpose.

Sauk Center, Minn. — A modern three-story brick hotel is to be erected here, costing $30,000.

Scranton, Pa. — Plans have been prepared by E. L. Walter for a four-story stone building to be built on Lackawanna Ave., by Mr. Shopland; cost, $20,000.

South Bend, Ind. — Plans have been completed by Dirham & Schneider for a $35,000 school.

Steilacoom, Wash. — Anton Behrens, of Tacoma, has the contract for the new wing to the Washington Hospital for Insane, at $40,000; J. G. Proctor, architect.

St. Cloud, Minn. — Report states that C. R. Aldrich, Minneapolis, has completed plans for the new St. Raphael's Hospital. It will be three-story, containing 80 rooms; cost, $50,000.

St. Louis, Mo. — A $100,000 brewery is to be erected for the Gast Brewing Co., at Hornsby St. and Broadway.

St. Paul, Minn. — The erection of a new armory building on W. 6th St., to cost between $50,000 and $100,000 is contemplated.

Toronto, Ont. — It is reported that the Grand Trunk Ry. will build a bridge across the Niagara River, to cost $1,000,000.

Union City, Ind. — A syndicate contemplates the erection of a $250,000 cold-storage warehouse at this place. Plans have been drawn by Jarvis Hunt, 1407 Monadnock Block, Chicago.

Waterloo, Ia. — It is said that Murphy & Ralston have drawn plans for a four-story brick building for the Waterloo Saddlery Co.; cost, $20,000.

Waukegon, Ill. — $25,000 has been appropriated for a school.

Wilkesbarre, Pa. — It is reported that the construction of 2 bridges, to cost $42,000, is contemplated.

Worthington, Minn. — The Presbyterian Society expects to erect a $20,000 church. Rev. Wilson Aull, pastor.

ALTERATIONS AND ADDITIONS.

Hancock, Mich. — Two-st'y & attic fr. addition, 13½′ x 50′, shingle roof; $10,000; o., Charles A. Wright; a., Charlton, Gilbert & De Mar, Camp Building, Milwaukee.

APARTMENT-HOUSES.

Chicago, Ill. — *Twenty-first St.*, nr. Wood St., three-st'y bk. & st. apart., 56′ x 100′, comp. roof; $23,000; o., M. McFadden; a., T. J. Madlen, 912 W. North Ave.

New York, N. Y. — *Boston Ave.*, cor. 168th St., six or seven-st'y bk. flat; $60,000; o., C. E. White, 985 E. 169th St.; a., Neville & Bagge, 217 W. 125th St.

Seventy-eighth St., nr. Amsterdam Ave., six st'y bk. flat, 50′ x 87′ 2″; $60,000; o., W. G. Horgan, 205 E. 115th St.; a., G. F. Pelham, 503 Fifth Ave.

Nineteenth St., nr. 8th Ave., six-st'y bk. & st. apart., 40′ x 116′; $60,000; o., S. A. Robinson, 74 E. 118th St.; a., G. F. Pelham, 503 Fifth Ave.

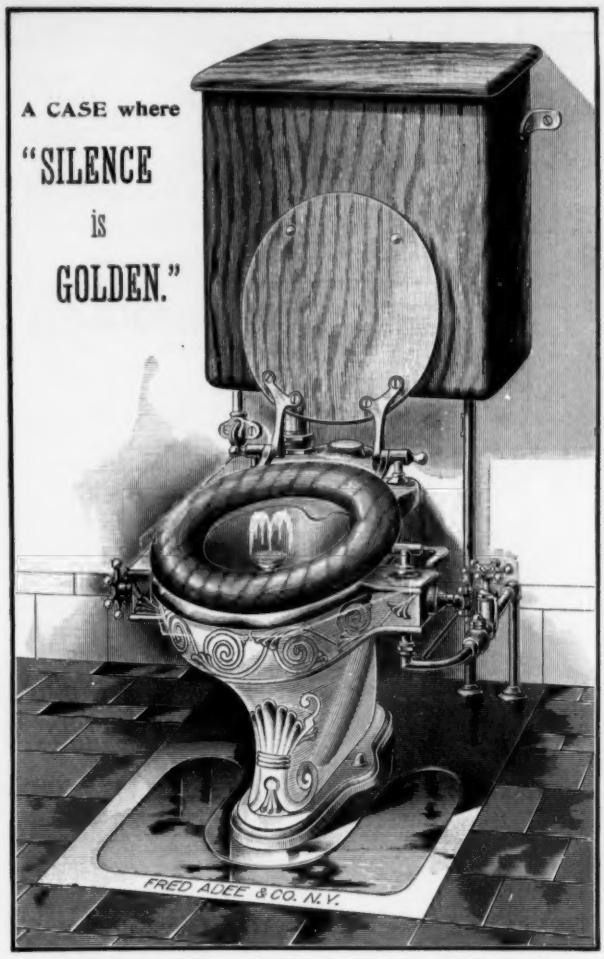

Fig. 0.

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" " " " and warm water	85.00
" without Bidet attachment	70.00
" of Marble Floor Slab, 26x26	7.50
Add for Decorating in Gold	15.00
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BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

W. Central Park, Nos. 107-110, ten-st'y bk. flat, 98′ x 125′; $625,000; o. & a., A. G. Kight, 102 W. 81st St.

One Hundred and Twenty-second St., cor. Mt. Morris Ave., 2 seven-st'y bk. & st. flats, 100′ x 100′; $100,000; o., Thos. J. McGuire, Jr., 1454 Amsterdam Ave.

E. Twenty-eighth St., Nos. 42-46, six-st'y bk. flat, 65′ x 84′ 9″; $150,000; o., J. W. Noble, Jr., 100 W. 109th St.; a., A. De Saldern, 130 Bowery.

CHURCHES.

Kankakee, Ill. — *Harrison Ave. and Station St.*, one-st'y & base. church, 50′ x 80′, slate roof, steam; $20,000; o., St. Paul's Episcopal Society; a., Morrison & Fuller, 706 *Journal* Building, Chicago.

Worcester, Mass. — *Greenwood St.*, two-st'y fr. church, 50′ x 80′; $12,000; o., Second Swedish Cong. Church, Rev. John Udd, pastor; c., F. J. Goff; a., E. T. Chapin.

EDUCATIONAL.

Columbia, Mo. — Three-st'y bk. college, 116′ x 228′, slate roof, steam; $75,000; o., Mrs. W. T. Moore & L. W. St. Clair; a., S. T. Miller & W. L. Hale.

Hastings, Minn. — Three-st'y & base. bk. & st. high school, 80′ x 148′, steam; $30,000; o., School Board; a., Herman Kretz & Co., St. Paul.

Sault Ste. Marie, Mich. — *Spruce St.*, two-st'y & base. bk. & st. school, 85′ x 102′, steam; $23,000; o., Board of Education; a., Jas. C. Teague.

FACTORIES.

Columbus, O. — Three-st'y bk. & iron power-house, 54′ x 96′, slate roof, steam; $40,000; o., Jeffrey Mfg. Co.; a., David Riebel, 328½ S. High St.

New York, N. Y. — *W. Broadway*, cor. Grand St., eight-st'y bk. & st. factory & store, 34′, 84′ x 27′, 34′; $65,000; o., Ruth Livingston, Europe; a., Wagner & Jahn, 109 University Pl.

HOTELS.

Columbus, O. — *High St. and Hickory Alley*, five-st'y bk. & iron hotel, 44′ x 188′, comp. roof, steam; $35,000; o., Jones Estate (C. M. Jones, agent); a., W. T. Mills, Wesley Block.

HOUSES.

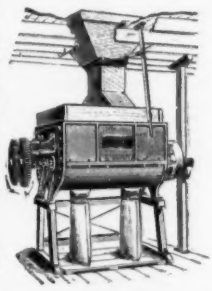
Boston, Mass. — *Everett St., No.* 111, Ward 2, three-st'y fr. store & dwell., 27′ x 47′, flat roof, stoves; $5,000; o. & b., G. & L. B. Paparello, 36 Prince St.

Dickens St., nr. Adams St., Ward 24, three-st'y fr. dwell., 22′ x 49′, pitch roof, stoves; $5,000; o., Ella M. Collett; b., W. H. Tower.

Fletcher St., nr. South St., Ward 23, 2½-st'y fr. dwell., 27′ x 46′, pitch roof, furnace; $5,000; o., Agnes B. Lovely; b., D. C. McEachern, 47 Aldrich St.

Arundel St., nr. Centre St., Ward 23, two-st'y fr. dwell., 24′ x 32′, pitch roof, furnace; $3,500; o. & b., Albert Ludlam.

Lexington St., Nos. 282-288, Ward 1, 4 three-st'y fr. dwells., 21′ x 48′, flat roofs, stoves; $15,000; o. & b., L. A. Ginsberg.



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(*Houses Continued.*)

Schiller St., No. 21, Ward 19, fr. dwell., 33′ x 35′, flat roof, stoves; $4,500; o., Louis Singl; a., Jacob Luippold & Son.

Commonwealth Ave., No. 393, Ward 11, three-st'y bk. & st. dwell., 26′ x 100′, flat roof, hot water; $40,000; o., Mrs. Wirt Dexter; b., Francis F. Morton, 71 Wareham St.; a., Little & Brown.

Crescent Ave., nr. Raven St., Ward 20, three-st'y fr. dwell., 24′ x 45′, flat roof, stoves; $5,000; o., Margaret A. Hennessey; b., Watson & Waite, 536 First St., S. Boston.

Mansfield Pl., nr. Tremont St., Ward 3, 3 three-st'y fr. dwells., 23′ x 30′, flat roofs, stoves; $9,000; o., Estate of E. G. Mansfield; b., Geo. F. Mansfield.

Tower St., nr. Washington St., Ward 23, 2½-st'y fr. dwell., 28′ x 50′, pitch roof; $5,500; o., John Rowe; b., John P. Campbell.

Orchard Pl., nr. Morton St., Ward 23, 2½-st'y fr. dwell., 28′ x 48′, pitch roof, furnace; $7,000; o., Miss M. E. Minton; b., J. J. Flynn.

Saratoga St., Nos. 661-3, Ward 1, 2 three-st'y fr. dwells., 21′ x 42′, flat roofs, stoves; $7,000; o. & b., A. Finkelstein, 177 Chelsea St.

Brooklyn, N. Y. — *President St.*, nr. Kingston Ave., two-st'y & attic fr. dwell., 21′ x 57′; $12,000; o., Jesse Dall, 117 Stuyvesant Ave.; a., Dehli & Howard, 1193 Broadway, New York.

Avenue C, cor. E. 22d St., two-st'y & attic fr. dwell., 31′ x 40′, shingle roof, hot water; $5,000; o., Henry S. Vanderveer, 321 Neck Road; a. & b., Bennett & Ryder, Van Siclen St., near Avenue T.

Bay Parkway, nr. Benson Ave., two-st'y & attic fr. dwell., 33′ x 37′, shingle roof, hot air; $6,000; o., Mabel Theakston, 19th & Benson Aves.; a., C. Schubert, Bath Ave., near Bay 19th St.

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(*Houses Continued.*)

Jefferson St., three-st'y fr. dwell., 28′ x 62′; $4,000; o., Edward Carlson; a., A. J. Harrington; day work.

Bowdoin St., three-st'y fr. dwell., 33′ x 72′; $10,000; o., J. H. Graham; a., Barker & Nourse; c., A. N. Booth.

Ashley St. two st'y fr. dwell., 25′ x 56′; $4,000; o., Gustave H. Hagberg; a., Alfred Bergstrom; b., J. H. Skogland.

Greendale Ave., three-st'y fr. dwell., 28′ x 52′; $4,000; o & b., Geo. W. Eames.

Fiske St., two-st'y fr. dwell., 31′ x 36′; $4,500; o., Janet M. Vail; c., M. E. Vail.

Forbes St., three-st'y fr. dwell., 32′ x 53′; $5,500; o., E. J. Thoren; a., Eric Erickzen; c., L. M. Peterson.

Massachusetts Ave., two-st'y fr. dwell., 45′ x 58′; $8,000; o., Miss Susan Trumbull; a., Earle & Fisher; c., C. A. Vaughan.

Rodney St., three-st'y fr. dwell., 26′ x 48′; $4,000 o., L. P. Benson; b., Nicholas Nelson.

MERCANTILE BUILDINGS.

Des Moines, Ia. — Four-st'y bk. & st. business block, 66′ x 132′, gravel roof, steam; $35,000; o., A. & J. Friedlich; a., Hallett & Rawson.

Worcester, Mass. — *Main St.*, four-st'y bk. mercantile building, 60′ x 140′; $12,000; o., John E. Day; c., W. A. Beaudette; a., Lewis Plack, Jr.

OFFICE-BUILDINGS.

Milwaukee, Wis. — *National St.*, cor. Grove St., four-st'y & base. bk. & st. office-building, 52′ x 100′, comp. roof, steam; $35,000; o., Stimpf & Langhoff; a., O. C. Nehling, cor. Grove St. & National Ave.

PUBLIC BUILDINGS.

Little Rock, Ark. — Three-st'y granite State Capitol, 50′ x 150′, copper roof, hot blast; $1,000,000; o., State of Arkansas; a., Geo. R. Mann.

STABLES.

Boston, Mass. — *Adams St.*, nr. Parkman St., Ward 20, 1½-st'y fr. stable, 25′ x 40′, pitch roof, stoves; $2,000; o., Mary E. Pettee; a., C. W. Allen, 12 Vinson St., Dorchester.

Brookline, Mass — *Abbottsford Road*, 1½-st'y fr. stable; $2,500; o., Mrs. Skinner; b., Peter C. Baker, Newton Lower Falls.

Beacon St., No. 1453, 1½-st'y fr. stable; $2,500; o., W. N. Dizer.

Brooklyn, N. Y. — *Garden St.*, nr. Flushing Ave., two-st'y fr. stable, 30′ x 50′; $1,000; o., Henry Rauch, 1313 Putnam Ave.; a., A. E. Fischer, 1123 Broadway.

W. Thirty-fourth St., nr. Surf Ave., one-st'y & & attic fr. stable, 25′ x 30′, shingle roof; $1,000; o., J. W. Woodbury, 26 W. 23d St., New York; a., J. A. McDonald, Surf Ave.

Union St., nr. 7th Ave., one-st'y bk. stable, 22′ 6″ x 85′, gravel roof; $2,500; o., Wm. J. Kent, 99 Garfield Pl.; a., P. J. Egan, 711 Union St.

New York, N. Y. — *Fifty-ninth St.*, nr. 10th Ave., 2 two & one-st'y bk. & st. stables, 21′ x 47′ & 49′; $8,000; o., William Zinsser, 197 William St.; a., De Lemos & Cordes, Fulton Building.

Seventy-fourth St., Nos. 112-114, five-st'y bk. stables, 50′ x 100′; $30,000; o., E. Banfield; a., L. Korn, 37 Maiden Lane.

Mankato, Minn. — Two-st'y & base. barn, 70′ x 70′; $3,000; o., I. A. Pelton; c., Kleinschmidt Bros.

St. Louis, Mo. — *Lindell and Taylor Aves.*, two-st'y bk. barn, 28′ x 41′, slate roof; $4,000; o., E. O. Stannard; a., F. C. Bonsack, Columbia Building.

Worcester, Mass. — *Pleasant St.*, two-st'y fr. stable, 42′ x 80′; $3,000; o., H. R. King; c., C. A. King.

Commercial St., one-st'y bk. stable, 33′ x 90′; o., Geo. F. Hewitt Co.; a., Fuller & Delano.

Chestnut St., one-st'y bk. stable, 28′ x 48′; o., Dr. Homer Gage; a., Fuller & Delano.

STORES.

St. Louis, Mo. — *Thirteenth and O'Fallon Sts.*, four-st'y bk. & st. store building, 60′ x 80′, comp. roof,

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(*Houses Continued.*)

A. L. Pennock; a., Horace W. Sellers & Chester H. Kirk.

Fifty-second St., Nos. 2208-2217, *Wynnefield*, two 2½-st'y st. dwells., 30′ 4″ x 44′ 10″ & 35′ 5″ x 39′ 5″, steel & iron construction; $16,000; o., S. L. & W. Smedley; a., Walter Smedley.

Seventieth Ave., N., and County Line Road, three-st'y st. dwell., 49′ x 49′; $15,000; o., Henry E. Asbury; b., N. H. Rand, Oak Lane.

Somerville, Mass. — *Summer St. and Benton Road*, 2½-st'y fr. dwell., 30′ x 50′, hip roof, furnace; $10,000; o., Chas. H. Hood, 20 Highland Ave.; b., H. N. Mable; a., Thos. M. James, Boston.

Summer St. and Benton Road, two-st'y fr. dwell., 44′ x 47′, pitch roof, hot water; $9,000; o., Mary E. Corwin, 58 Central St.; b., J. M. Andrews & Co.; a., J. St. Clair Harrold.

St. Louis, Mo. — *Lindell and Taylor Aves.*, 2½-st'y bk. dwell., 46′ x 62′, slate roof, hot water; $30,000; o., E. O. Stannard; a., F. C. Bonsack, Columbia Building.

St. Mary's, O. — 2½-st'y bk. dwell., 40′ x 50′, slate roof, hot water; $6,000; o., Mrs. Risse; a., Richards, McCarty & Bulford, Ruggery Building, Columbus.

Worcester, Mass. — *Providence St.*, three-st'y fr. dwell., 28′ x 56′; $7,000; o., Yella H. Kaunitz; c., H. F. Bannister.

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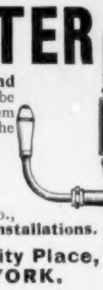

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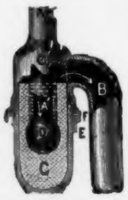

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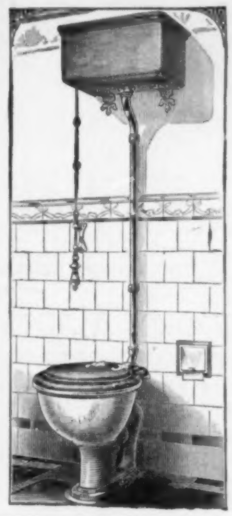

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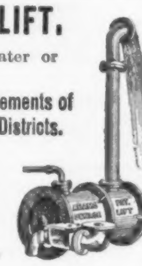

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TENEMENT-HOUSES.

New York, N. Y.—*First Ave.*, cor. 112th St., 4 six-st'y bk. & st. tenements & stores, 25' x 87'; $100,000; o., Davis Karp, 195 West St.; a., Max Muller, 12 Centre St.

Grand St., Nos. 420-422, six-st'y bk. tenement with stores, 39' x 88'; $40,000; o., Horowitz & Parnace, 29 Canal St.; a., Horenburger & Straub, 122 Bowery.

Columbia St., No. 100, six-st'y bk. tenement, 26' 5" x 87' 3"; $24,000; o., Bertha Wolkenberg, 104 Stanton St.; a., M. Bernstein, 245 Broadway.

E. Broadway, cor. Montgomery St., six-st'y bk. tenement with stores, 39' x 70'; $40,000; o., A. Goodman, 233 E. 50th St.; a., M. Bernstein, 245 Broadway.

Hancock St., cor. W. Houston St., six-st'y bk. tenement with stores, 35' 10" x 95'; $32,000; o., Leon Lanrowitz and Morris Fine, 396 Broome St.; a., Geo. F. Pelham, 503 Fifth Ave.

Madison St., No. 206, six-st'y & base. bk. tenement with stores, 36' x 82' 9"; $30,000; o., Isidor Mishkind, 320 Broadway; a., M. Bernstein, 245 Broadway.

One Hundred and Seventh St., Nos. 316-318, 2 six-st'y & base. bk. tenements with stores, 25' x 87'; $57,000; o., Cecelia Haft, 165 E. 73d St.; a., G. F. Pelham, 503 Fifth Ave.

Convent Ave., cor. 150th St., five-st'y bk. tenement, 25' x 94' 11"; $45,000; o., James McMillen, 42 E. 23d St.; a., Henry Anderson, 1180 Broadway.

THEATRES AND HALLS.

Boston, Mass.—*Huntington Ave.*, cor. Massachusetts Ave., bk. & st. Music Hall, 150' x 225', pitch roof, steam; $375,000; o., Boston Music Hall Corp.; b., Norcross Bros.; a., McKim, Mead & White.

MISCELLANEOUS.

Columbus, O.—*Frank St.*, three-st'y bk. & steel electric-light station, 60' x 80', wire glass roof, steam; $30,000; o., Columbus Electric Light Co.; a., C. A. Stribling & Co.

Detroit, Mich.—*Brush St.*, four-st'y bk. mission-house, 100' x 120', composition roof, steam; $45,000; o., The McGregor Helping Hand Mission, 55 Cadillac Sq.; a., Stratton & Baldwin, 1103 Union Trust Building.

Worcester, Mass.—*Tainter St.*, one-st'y bk. foundry, 50' x 104'; $8,500; o., Frank T. Williams and P. T. Booth; a., J. P. Kingston; c., Geo. Kingston.

COMPETITIONS.

CITY-HALL.
[At Columbia, S. C.]
Plans are wanted **August 1** for a City-hall. T. T. TALLEY, City Treas. 1226

CHANGE OF SCALE.—Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8" to the foot to 1-16" to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

BARRACKS.
[At Coasters Harbor Island, R. I.]
Proposals will be received at the Bureau of Navigation, Navy Department, **until 12 o'clock noon, on Wednesday, the 12th day of July, 1899,** for the construction of a barracks for the U. S. Naval Training Station on Coasters Harbor Island, Newport, R. I. A. S. CROWNINSHIELD, Chief of Bureau, June 10, 1899. 1225

PROPOSALS.

BUSINESS BUILDING.
[At Wahpeton, N. D.]
Sealed bids will be received by Leach & Gamble, of Wahpeton, N. D., **until June 24,** for the erection and completion of a brick business building. LEACH & GAMBLE, Wahpeton, N. D. 1225

ADDITION TO QUARTERS.
[At West Point, N. Y.]
West Point, N. Y., June, 12, 1899. Sealed proposals, in triplicate, will be received here **until 12 M., July 12, 1899,** for the construction of Additions to Quarters numbered 11, 15, 17, 33, 35 and 41, as per plans in this office. Forms and specifications furnished upon application. Address Q. M., U. S. M. A. 1225

EXTENSION TO BRIDGE.
[At Natick, Mass.]
Sealed proposals will be received by the Board of Selectmen of Natick, Mass., **until June 29th, 1899,** for building an extension to the arch bridge over the Charles River, a retaining wall, and to widen the roadway. F. W. SHATTUCK, Chairman of Selectmen. 1225

STOREHOUSE.
[At New York, N. Y.]
Sealed proposals will be received at the Bureau of Yards and Docks, Navy Department, Washington, **until June 24, 1899,** for the construction of an oil and varnish storehouse for supplies, Navy Yard, New York, N. Y. MORDECAI T. ENDICOTT, Chief of Bureau. 1225

JAIL AND SHERIFF'S RESIDENCE.
[At Clear Lake, S. D.]
Bids are wanted **July 7** for a jail and sheriff's residence. E. N. FLANDERS, Co. Aud. 1226

SCHOOL.
[At Le Roy, Minn.]
Sealed proposals will be received by Board of Education of the Independent School District of Le Roy, Minn., **until July 6th,** for the erection of an 8-room brick school-building. C. I. ROY, Pres. Bd. of Ed. F. W. Kinney, architect. 1226

Treasury Department, Office Supervising Architect, Washington, D. C., June 7, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of July, 1899, and then opened, for the construction (except heating apparatus) of the extension to the U. S. Temporary Post-office, 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. Supervising Architect. 1226

SCHOOL.
[At Iowa Falls, Ia.]
The undersigned hereby gives notice that sealed proposals for the erection of a four-room school-house, including all labor and material, will be received by the undersigned **until the 25th day of June, 1899.** (Signed) FRANK D. PEET, Secy., Independent District, Iowa Falls, Ia. 1225

CONSTRUCTION.
[At Fort Wadsworth, N. Y.]
Fort Wadsworth, N. Y. Sealed proposals will be received here **until June 24, 1899,** for construction here of dead-house. Address QUARTERMASTER, Fort Wadsworth, N. Y. 1225

the County Auditor of Marshall Co., Minn., **until the 30th day of June, 1899.** (Signed) W. E. WOOD, J. M. SCHIE, H. GUNDERSON, ADOLF S. ROKKE, GEO. W. PECK, Board of County Commissioners of Marshall County, Minn. A. B. NELSON, Auditor. 1225

PROPOSALS.

COURT-HOUSE AND JAIL.
[At Warren, Minn.]
The undersigned hereby give notice that sealed proposals for the erection of a Court-house and Jail in the City of Warren, County of Marshall, Minn., including all labor and material, will be received by

BRIDGES.
[At Evansville, Ind.]
Bids are wanted **June 22** for 10 bridges. JOHN G. PAINE, Chmn. Co. Commrs. 1225

JAIL.
[At Logansport, Ind.]
Bids are wanted by the County Commissioners, **July 6** for a Jail. 1225

HEATING AND PLUMBING.
[At Oshkosh, Wis.]
Bids are wanted **June 24** for heating and plumbing in the Public Library. DAN WITZEL, City Clk. 1225

HIGH SCHOOL.
[At Odebolt, Ia.]
Bids are wanted **June 22** for a high school. W. A. HELSELL, Pres. Bd. Directors of the Independent Dist. 1225

ELECTRIC WIRING.
[At Madison, Minn.]
Sealed proposals for the installment of electric wiring in the Lac Qui Parle County Court-house will be received **until July 10, 1899.** JOHN B. OADSON, County Auditor. 1225

SCHOOL-HOUSE.
[At Burlington, N. D.]
J. J. Hunniwell, district clerk, will receive bids **until June 26,** for erecting a school-house. 1225

BRIDGE.
[At Sauk Rapids, Mich.]
Plans and bids are wanted **June 27** for the repair and construction of the Mississippi wagon bridge. A. E. KASNER, Co. Aud. 1225

BRIDGES.
[At Williamsport, Ind.]
Bids are wanted **June 23** for 6 iron bridges. E. C. LIVENGOOD, Chmn. Co. Commrs. 1225

Sealed proposals will be received at the Office of Light-house Engineer, Tompkinsville, N. Y., until 12 o'clock M., June 28, 1899, and then opened, for furnishing three 4th order lanterns. Information furnished on application to LT.-COL. D. P. HEAP, Corps of Engineers, U. S. A. 1225

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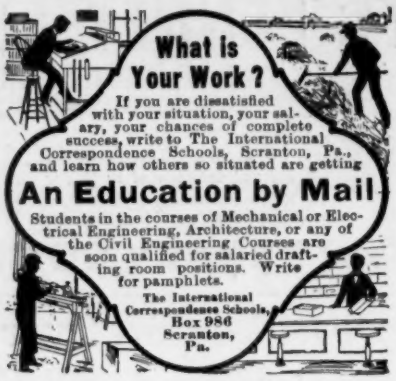

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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

*

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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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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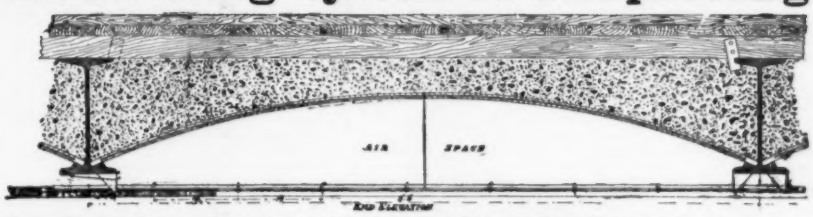

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" (K. B. & S.)	2 50 @ 3 00		2 50 @ 2 60	2 30 @ 2 60
" " (Black Cross)	2 25 @ 2 50		2 50 @ 2 60	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 50	@	2 50 @ 2 60	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 20 @ 2 50	2 50 @ 2 60	Belg'n 2 10 @ 2 40
" French (Lafarge)	3 60 @ 3 75	@	3 75 @ 4 25	Hemmoor
" Ger. (Alsen)	2 90 @ 3 25	@ 5 00	2 90 @ 3 20	2 50 @ 2 75
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" " (Dyckerhoff)	2 75 @ 3 00	2 75 @ 3 00	3 10 @ 3 30	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00	@	2 75 @ 2 90	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	3 50 @ 4 00	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman	2 75 @ 3 00	@ 7 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	4 25 @ 4 75	8 00 @ 9 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	@ 6 50		9 00 @ 10 00	8 00 @ 9 00
Lime:				
Lime of Teil	@ 4 00		*Not sold.*	White Lime ₱ bush 25 @ 30
Hydraulic Lime	@ 1 45	@	45 @ 55	White Mash 1 25 @ 1 50
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Wisconsin Lime	80 @ 85	@ 90	*Not sold.*	
Rockland and Rockport, (Com.).	90 @ 95	@ 95	*Not sold.*	
Rockland, finish	@	@	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 65	*Not sold.*	*Not sold.*	*Not sold.*
State, Com. cargo rates	@ 75	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
Plaster-of-Paris (calcined)	@ 1 60	@ 2 25	1 75 @ 1 90	1 75 @ 2 50
" (casting)	14 @ 16	25 @ 30	12 @ 20	20 @
Hair (cattle) ₱ bush	17 @ 19	@ 30	20 @ 25	30 @
" (Goat)	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	
Sand, ₱ load				

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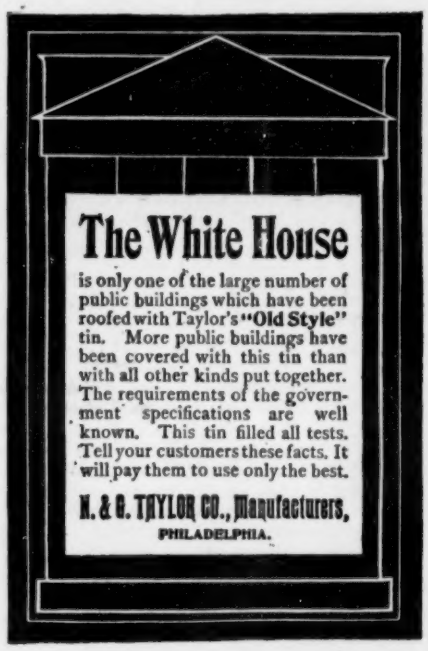

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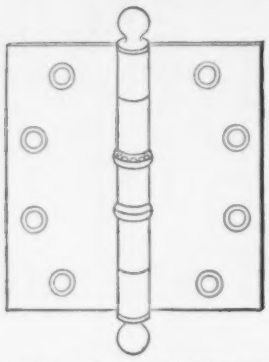

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STONE. (₱ *cubic foot, rough.*)	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Foundation:				
Dimension	@	5 00 ₱ ton.	20 @ foot	@ 5 00
Block	@	4 60 ₱ perch.	10 00 @ cord	Conshocken
Rubble	@	1 25 @ 1 50	9 00 @ "	1 45 @ 2 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	
Kibbe	@ 90	90 @ 1 10	@	95 @ 1 05
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
Potsdam Red	@ 1 30	@ 1 40	@ 1 55	@ 1 40
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	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		10 50 per ton.	@	Perch 4 50 @ 5 50
Bluestone: (₱ *sq. ft.*)			cub. ft.	1 in. th. 10 @ 25
Sidewalk	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	37 @ 50
Planed	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (₱ *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 (₱ *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. ₱ M	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9" 8c. per ft.	5 76 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — ₱ 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	14 00 @ 20 00	*Not sold.*	15 00 @ 21 50
Hemlock	ea13½ @ 14	12 50 @ 15 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 @ 45 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 @ 16 00	14 00 @ 16 00	*Not sold.*	15 00 @ 21 50
Hemlock	12 00 @ 16 00	12 50 @ 16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine	18 00 @ 21 00	20 00 @ 28 00	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	2 25 @ 2 30	2 00 @ 2 25	*Not sold.*	2 30 @ 2 35
Shingles:				
Pine, shaved ₱ M	5 60 @ 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 ₱ 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	30" $35 @ 40
Cedar split ₱ M		@ 6 00	*Not sold.*	24" 8 @ 21
Cedar sawed " "	@	2 50 @ 3 50	2 50 @ 2 90	20" 35 @ 14
Cypress. Split 7 x 24 " "	18 00 @ 20 00	5 00 @ 60"		11 00 @ 14

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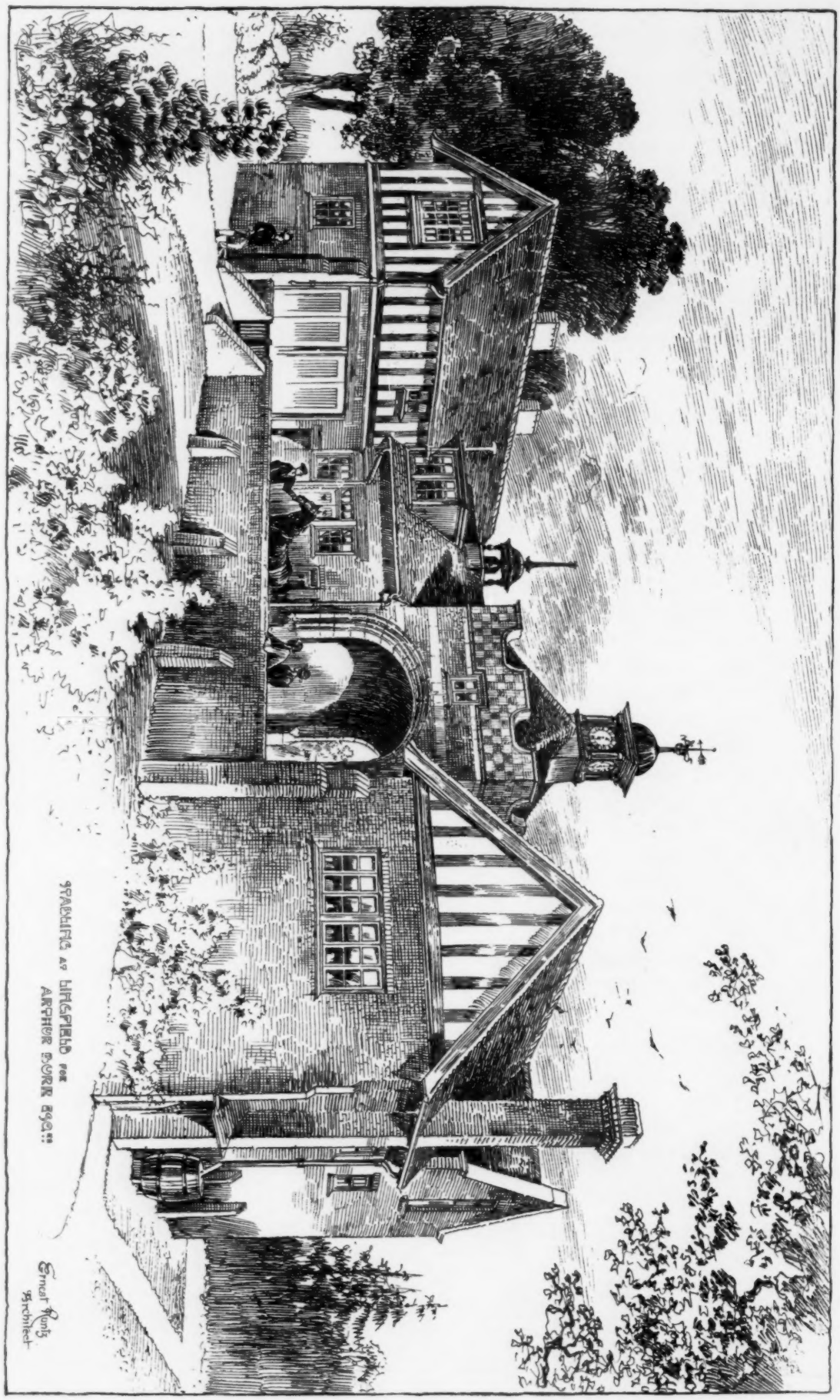

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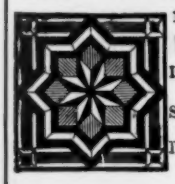

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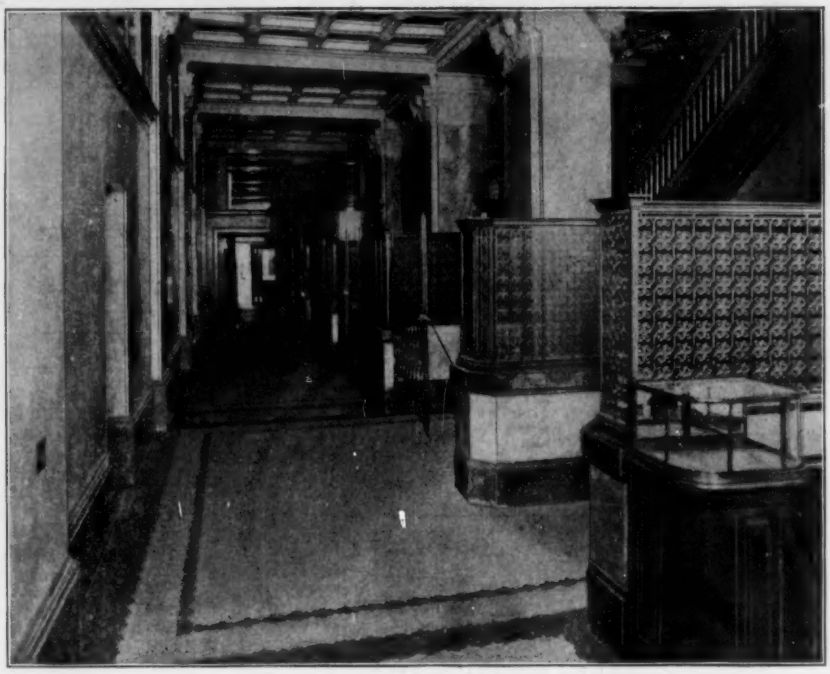

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New Advertisements.

GARA, McGINLEY & CO. (Philadelphia, Pa.), Steel Corners. Page xvi.
ALDINE MANUFACTURING CO. (Grand Rapids, Mich.), Wood Mantels. Page x.

See last or next issue for the following advertisements: —

Bower Trap and Specialty Co., The
Cudell, F. E.
Dwight Lumber Co.
Keasby & Mattison Co.
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ARCHITECTS' REMOVALS, Etc.

HOWARD W. FROST, recently of Fuller, Delano & Frost, and C. Leslie Chamberlain, formerly of the Webb Granite & Construction Co., have formed a partnership with Lucius W. Briggs, architect, and hereafter will conduct business under the firm name of Frost, Briggs & Chamberlain. They will occupy offices in the People's Saving Bank Building, 452 Main St., Worcester, Mass.

DISSOLUTION OF PARTNERSHIP.

The undersigned beg to announce that the copartnership heretofore existing under the name of Lamb & Rich, Architects, has been this day dissolved by mutual consent.

HUGH LAMB,
CHARLES A. RICH.

June 1, 1899.

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.*]

626,660. HOT-AIR AND HOT-WATER HEATER. — Edwin Adams and Vernon P. Adams, Binghamton, N. Y.

626,670. ELECTRICAL BURGLAR-ALARM. — Clyde Coleman, Chicago, Ill.

626,698. FIRE-RESISTING WINDOW. — Geo. Hayes, New York, N. Y.

626,757. GUTTER-STAY AND HANGER-STRAP. — James H. Horan, Louisville, Ky.

626,804. DOOR-CHECK. — Newton A. Chase, Luverne, Minn.

626,882. FLUSHING-TANK FOR CLOSETS. — Edgar B. Badlam, San Francisco, Cal.

626,924. TUBULAR HEATER, ETC. — Victor C. J. Ortmans, Brussels, Belgium.

626,963. GRATE. — Wilbert Black, New Orleans, La.

626,989. STORM-WINDOW FASTENER. — George G. Downes, Worcester, Mass.

627,006. ELECTRICAL BURGLAR-ALARM SYSTEM. — Henning O. Megaard, Chicago, Ill.

627,010. SOLAR-HEATING AUTOMATIC WELL-VENTILATOR. — Eleazar T. Perdue, Huguenot, Va.

627,016. SINK-TRAP PROTECTOR. — Joseph F. Schultheiss, North Plainfield, N. J.

627,070. SINK. — Edward W. Ball and Louis E. Vacheron, New York, N. Y.

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.

Ann Arbor, Mich. — The Ann Arbor Common Council has passed a resolution pledging to the University of Michigan a $20,000 site for a new Homœpathic Hospital.

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BUILDING INTELLIGENCE.

(*Advance Rumors Continued.*)

Atlanta, Ga. — Report states that a fifteen-story building is to be erected on Broad and Marietta Sts., for the Atlanta Realty Co.; cost, $500,000.

Beaver Dam, Wis. — A $25,000 church is to be erected by St. Peter's R. C. Society.

Birmingham, Ala. — A $50,000 opera-house will be erected on 2d Ave., near 17th St., by Joseph and Charles Smith.

Boone, Ia. — Plans have been prepared by Liebbe, Nourse & Rasmussen, of Des Moines, for a three-story hotel for J. B. McHose; cost, $25,000.

Boston, Mass. — A bachelors' apartment-house is to be erected on the corner of Myrtle and Joy Sts., Beacon Hill. It will be eight stories in height, of fireproof construction, with a large court in the centre, and the cost will be in the neighborhood of $200,000. The ground floor will contain many of the conveniences of the club — barber-shop, billiard-room, cigar and news stands, etc. The new syndicate, formed to erect this building, is to be known as the Beacon Chambers Trust, and its Trustees are Augustus P. Loring, Francis Peabody, Jr., and R. F. Herrick.

Press reports state that the Hotel Winthrop property, corner of Bowdoin and Allston Sts., has been purchased by a syndicate, known as the Beacon Hill Real Estate Trust, of which Charles E. Stratton, William P. Fowler and Charles D. Wainwright are the trustees. A fireproof hotel to contain 250 rooms will be erected on the site of the present buildings. Plans are now being drawn.

Braddock, Pa. — It is stated that a $22,000 town-hall will be erected.

Brooklyn, N. Y. — The German People's Church contemplate the erection of a $50,000 edifice on Throop Ave., near Myrtle Ave. The chapel on the same site was erected in 1891, with the idea of later erecting the entire church. A committee has been appointed to provide plans and raise the necessary money.

The proprietor of the Mansion House, J. C. Van Cleaf, will build a $75,000 addition to the hotel, running up six stories and containing 76 new guest rooms.

Buffalo, N. Y. — Niederpruem & Co. will build a three-story brick apartment-house at 267 Franklin St., to cost $28,000.

It is stated that the Board of Education will spend $150,000 in repairing the old school-houses throughout the city. It is also stated that Architect Werner has prepared plans for a fireproof school-building in District No. 2 to cost $70,000, and Architect August Esenwein, 316 Pearl St., is at work on plans for a new school-building to be erected at the corner of Sycamore St. and Barley Ave.; cost, $50,000.

Architects Green & Wicks have drawn plans for a new two-story factory for the Barcalo & Ball Brass Bedstead Co., to be erected at the corner of Louisiana and Tecumseh Sts.; cost, $20,000.

A five-story fireproof apartment-house will be

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

erected on Elmwood Ave., to cost $75,000; architects, Swan & Falkner.

Cambridge, Mass. — The Cantabrigia Club, one of the most prominent of woman's clubs, expects to make its permanent home in the new building to be erected by John Albro Little on Holyoke St., in the rear of Dunster Dormitory. The building will be two stories high. Part of the street floor will be occupied by stores, the club occupying all of the second floor and part of the first in the rear of the stores. The plans are by Geo. A. Moore, Mason Building, Boston, and show a large assembly hall, circular in form, having a seating capacity of 500, with parlor and retiring rooms adjoining.

Carroll, Ia. — Press reports state that a large beet-sugar factory costing about $1,000,000 will be erected in this city.

Cedar Rapids, Ia. — The American Cereal Co. will make additions and improvements to the local plant to increase the oatmeal mill product to 6,000 barrels daily. The contemplated improvements will cost about $1,000,000.

Chattanooga, Tenn. — Press reports state that a cotton-mill and bleachery, to cost $1,500,000, is to be built by Eastern men. S. Coolidge and S. M. Bourne, officers and stockholders in the Stark cotton-mills of Manchester, N. H., are here to purchase a site for the plant.

Chicago, Ill. — $150,000 of the $200,000 required for the construction of the new hospital at the corner of Dearborn and 25th Sts., has been raised; D. H. Burnham & Co., architects.

A $30,000 three-story brick and stone residence is to be erected on Drexel Boulevard, near 45th St., for W. H. Swift, attorney, 107 Dearborn St. Frost & Granger, 806 The Temple, architects.

Plans are being prepared by William Arthur Bennett, 711 Security Building, for a $35,000 four-story apartment-building, 50′ x 75′, to be erected on Sheridan Drive, near Pine Grove Ave.

Clarksville, Tenn. — Kenneth McDonald, 349 Main St., Louisville, Ky., has prepared plans for a three-story brick warehouse, 122′ x 220′, for the Atlantic Snuff Co.; cost, $22,000.

Duluth, Minn. — Palmer, Hall & Hunt, architects, have prepared plans for a Normal School building to be erected here. The cost is to be limited to $80,000.

Flatbush, N. Y. — The new church to be erected at St. Paul's Pl. and St. Paul's Ct. for the St. Paul's Protestant Episcopal parish is to be a Gothic structure of brick and stone with terra-cotta trimmings, costing $45,000. Rev. T. G. Jackson, rector.

Fort Dodge, Ia. — Mrs. M. G. Haskell has offered a gift of $10,000 in cash to this city, for the purpose of building a library building. The offer has been accepted by the city.

Grand Rapids, Mich. — Report states that D. & H. Burnham & Co., of Chicago, Ill., have prepared plans for a $75,000 depot for the Grand Rapids & Indiana Ry. Co.

Hanover, Ill. — $4,000 has been voted for building a school-house.

Hoboken, N. J. — The Commissioners of Public Instruction contemplate the erection of a new school to relieve the overcrowded condition of the seven public schools now in the city.

A $50,000 engineering laboratory will be erected for the Stevens Institute of Technology. Henry Morton, Pres.

Homestead, Pa. — J. E. Cole, Singer Building, Pittsburgh, has prepared plans for a $35,000 hotel.

Houghton, Mich. — Plans have been prepared by Van Ryn & De Gelleke, of Milwaukee, for a school-building, two-story and basement, of stone, with slate roof, fan heating system; cost, $42,000.

Indianapolis, Ind. — Levey Bros. & Co., printers and bookmakers on W. Maryland St., will erect a five-story building; cost, $40,000.

Jersey City, N. J. — The congregation of the First United Presbyterian Church has decided to erect a new edifice on Sip and Tonnele Aves., to cost $24,000.

Joliet, Ill. — The Board of Education contemplate the erection of a large high-school building at the corner of Jefferson St. and Eastern Ave., to cost about $150,000.

Lansdowne, Pa. — Rowland W. Boyle, architect, 1208 Chestnut St., Philadelphia, has been selected to prepare plans for a building for St. John's P. E. Church, to cost $20,000.

Lexington, Ky. — Mrs. Byron McClelland is stated to have had plans prepared for a $100,000 office-building to be erected on Short and Upper Sts.

Lexington, Va. — It is stated that plans are being prepared for a new building for the Virginia Military Institute; cost, $20,000.

Lima, O. — Architects Leech & Leech have completed plans for the erection of a school-building for the Board of Education to cost $40,000. H. Colt, secretary.

Los Angeles, Cal. — It is stated that the Los Angeles Railroad Co. will erect a car-house, a stable and wagon shed. The improvements will cost $50,000. Morgan & Wall, architects.

Menominee, Mich. — A. C. Merryman and others will build a paper-mill at Pembina Falls, to cost $200,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Milwaukee, Wis. — Mathew Otter, 1216 Second St., N. E., secured the contract and work will begin immediately for the foundation of a church to be erected by the St. Boniface German Catholic Society, on 2d St. and 7th Ave., N. E. It will be 84′ x 150′. The foundation only will be put in now and the remainder later; cost complete $50,000. Herman Kretz & Co., architects.

A. Finkler, architect, has prepared plans for a residence to be erected on Terrace Ave. and Gilman St. for Gustav A. J. Trostel. It will be brick veneered, modern throughout; cost, $20,000.

Minneapolis, Minn. — A new armory on W. 6th St. is contemplated, to cost about $50,000.

A $40,000 business building will be erected by Mrs. Ivan Hale on 1st Ave. and 5th St., after plans by C. S. Sedgewick.

Chas. S. Sedgewick, architect, has prepared plans for a five-story business building to be erected on 1st Ave., between Boutell Bros.' Building and the alley. It will be of brick with brownstone trimmings, pitch and gravel roof, and steam heating. Boutell Bros. will occupy the south half and the Bintliff Mfg. Co. the north half of this building when completed; estimated cost, $50,000.

New Britain, Conn. — Architects Brite & Bacon, 111 Fifth Ave., New York City, are preparing plans for a brick and stone memorial chapel to be erected here at an estimated cost of $30,000. Plans will be ready for estimates in a week or two. All construction work to be let in one contract.

New York, N. Y. — A stock company has been formed and land purchased for the erection of a new riding academy. The ground for the purpose comprises eight lots in 66th St., eight lots in 67th St., and a plot fronting forty feet in Central Park West. The academy will have all the conveniences of a modern club-house, with restaurant, barber shop, etc., in connection. An effort is also being made to secure an underground entrance to the Park. Among those interested in the new company are J. R. Hegeman, John A. McCall, R. H. L. Halstead, ex-Mayor Hugh J. Grant and Perry Belmont.

A $500,000 brick building is to be erected by the R. C. Orphan Asylum Association on Sedgwick Ave. and 189th St; Scheckel & Ditmars, architects, 111 Fifth Ave.

A ten-story brick, fireproof office-building, with stores, is to be erected for Potter & Teichman, at the corner of Broad and Front Sts.; estimated cost, $140,000.

Omaha, Neb. — The Board of Education awarded the contract for the building of the Cass School to Rocheford & Gould, for $41,866.

Orange, N. J. — Mr. and Mrs. Joseph Whipple Stickler have offered the trustees of the Orange Free Library the necessary funds for the erection of a library building. They wish it to be first-class in every respect and up to the requirements of the community, and to be known as the Stickler Memorial, in memory of their son, the late Dr. Joseph William Stickler.

Pennington, N. J. — A memorial chapel is to be erected at Pennington Seminary to the Rev. John K. Shaw, by whose labors chiefly the seminary was founded in 1838.

Philadelphia, Pa. — It is stated that Field & Medary, 1414 S. Penn Sq., have prepared plans for a $25,000 church for the Summerfield Methodist Episcopal Society, to be erected at Tulip and Dauphin Sts.

Pittsburgh, Pa. — The contract for the erection of the new twelve-story building on the corner of Liberty Ave. and 5th St., for Mrs. Amy H. Dupy, has been awarded to Golden & Crick; Topp & Craig, architects; cost, about $250,000.

Pullman, Wash. — The contract to construct Ferry and Stevens Halls at the Agricultural College has been awarded A. E. Barrett, Tacoma, for $74,000; Wesley Bullard, architect.

Roxbury, Mass. — O. E. Furber has sold a large lot of land on Burrell St., near the corner of Clifton St. The new owner will erect five modern brick houses of three suites each.

Salt Lake City, Utah. — C. M. Neuhausen, 528 Dooley Blk., is preparing plans for a $50,000 Orphan Asylum for the R. C. Church; also for a $150,000 cathedral.

Seattle, Wash. — Harry J. Rill, of Detroit, Mich., has prepared plans for building a $25,000 Catholic Church. Rev. A. H. Sweere, rector.

Report states that J. C. Spurr holds the contract to erect the boys' dormitory at the University, for $21,228, and Hanley & Lohse the contract for the girls' dormitory at $24,613.

It is stated that the Moore Investment Co. will erect a three-story brick building, with stores below and offices above; cost, $40,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Sisseton, S. D. — A $20,000 hotel is to be erected at this place.

Sioux City, Ia. — An additional building will be erected at once for St. Joseph's Hospital, to cost complete $35,000 to $40,000.

Springfield, Mass. — Plans have been prepared for a five-story business building to be erected on Main and Spring Sts. for Mrs. C. J. Brenahan; cost $40,000.

St. Louis, Mo. — A new City Hospital will probably be built in the near future as the hospital fund intended for that purpose amounts to $202,000 already. One per cent of the entire revenue of the city is applied to this fund.

The committee having in charge the erection of the new Washington University, of which President of the University, Mr. Robert S. Brooking, is chairman, will invite a limited number of St. Louis architects to submit competitive designs for four of the buildings, the aggregate cost of which will be $1,000,000. These buildings are to be completed in one year.

Tacoma, Wash. — It is stated that Dickson Bros. will erect a three-story brick block; cost, $20,000.

Taunton, Mass. — The plans of Architect Park have been accepted for a $40,000 addition to the high school.

Topeka, Kan. — Architects J. C. Holland & Co. are preparing plans for the Industrial School building for the State Reform School, brick and stone, steam heat and slate roof; cost, $25,000.

Urbana, O. — Architects Hannaford & Sons, Cincinnati, have prepared plans for the erection of a new M. E. Church edifice, to cost $20,000.

Washington, D. C. — Edwin F. Durang, 1200 Chestnut St., Philadelphia, Pa., has been selected to prepare plans for a building for the Sisters of Notre Dame; cost, $500,000.

Watertown, Mass. — Work has begun on the new church building for the First Baptist Society at the corner of Common and Mt. Auburn Sts. Its cost will be in the neighborhood of $65,000.

Wausau, Wis. — It is reported that a $50,000 high school will be erected.

West Chester, Pa. — The new addition to the Villa Maria Academy will be 70′ x 100′, of brick and stone construction, three stories high, and will contain classrooms, study and music rooms, and a reception room. Plans by Frank R. Watson.

Westfield, Mass. — It is said that the State Board of Education has accepted the plans of Gardner, Pyne & Gardner, of Springfield, for a $35,000 Normal School.

West Roxbury, Mass. — The plans of Henry Seaver have been accepted, and work will begin at once on the new edifice to be erected for the Unitarian Society. The present building will be used as a parish-house.

West Superior, Wis. — The Northwestern Grass Twine Co. will erect a large twine plant here, to cost $250,000.

Windsor, Conn. — The First Congregational Society is said to be arranging to build a $30,000 church.

ALTERATIONS AND ADDITIONS.

Germantown, Pa. — *Germantown Ave.*, below Mill St., three-st'y bk. addition, 28′ x 40′, and other alterations to the Young Woman's Christian Association; c., George Hearst.

St. Louis, Mo. — *Park and Vandventer Aves.*, two-st'y bk. & st. addition to power-station, 168′ x 278′, comp. roof, steam; $75,000; o., Lindell Railway Co.; a., W. D. Boyce, Laclede Building.

APARTMENT-HOUSES.

Detroit, Mich. — *Park Ave.*, three-st'y bk. apart., 42′ x 100′, comp. roof, steam; $35,000; a., Geo. W. Myer, 58 Home Savings Bank Building.

New York, N. Y. — *Second Ave.*, cor. 9th St., 2 six-st'y bk., st. & terra-cotta flats, 46′ x 92′ & 50′ x 62′; $60,000; o. & b., Chisling Bros. and W. Horowitz, 130 Monroe St.; a., Michael Bernstein, 245 Broadway.

Avenue B, cor. 7th St., 2 six-st'y bk. flats, 28′, 32′ 8″ x 93′, 80′; $65,000; o., Abraham Siegel, 48 Market St.; a., Schneider & Herter, 46 Bible House.

Amsterdam Ave., cor. 86th St., six-st'y bk. & st. flat, 95′ 6″ x 100′; $100,000; o., M. E. Stevens, 54 Wall St.; a., C. C. Manning, 58 E. 86th St.

Broadway, cor. 125th St., seven-st'y bk. flat with store, 70′ x 99′ 11″; $125,000; o., J. McSweeney, 241 W. 103d St.; a., Brower & Gayle, 2787 Broadway.

Lenox Ave., cor. 116th St., 2 five & six-st'y bk. flats with stores, 30′ & 45′ x 89′ 2″ & 95′ 11″; $70,-

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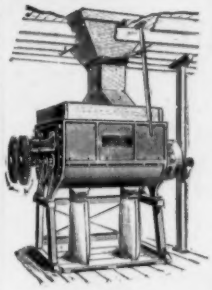

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BUILDING INTELLIGENCE.

(*Apartment-houses Continued.*)

000; o., Strauss & Rothschild, 109 E. 81st St.; a., G. F. Pelham, 503 Fifth Ave.

St. Nicholas Ave., cor. 116th St., seven-st'y bk. flat with stores, 75′ 11″ x 115′ 4″; $260,000; o., M. McCormack, 50 W. 127th St.; a., Neville & Bagge, 217 W. 125th St.

Lenox Ave., cor. 111th St., 3 seven-st'y bk., st. & terra-cotta flats, 33′ 6″ x 90′ & 33′ 10″ x 95′; $135,000; o., John Fish, 1 Madison Ave.; a., C. A. F. Miller, 81 E. 125th St.

Union Ave., cor. 160th St., five-st'y bk. flat with stores, 30′ 2″ x 100′; $30,000; o., K. O. Pacher, 47 Grant St., Brooklyn; a., W. C. Dickerson, 149th St. & 3d Ave.

Seventy-ninth St., cor. West End Ave., ten-st'y bk. & st. apart., 93′ x 102′; $500,000; a., C. Steinmetz, 60 Liberty St.

Tinton Ave., cor. 169th St., five-st'y bk. & st. flat with stores, 21′ 3″ x 65′ 3″; $30,000; o., Thos. Farley, 17 Ritter Pl.; a., H. B. Mulliken, 289 Fourth Ave.

Eightieth St., cor. West End Ave., ten-st'y bk. & st. apart., 93′ x 102′; $500,000; a., C. Steinmetz, 60 Liberty St.

CHURCHES.

Akron, O.—*Broadway and State St.*, two-st'y bk. & st. church, 70′ x 170′; $100,000; o., St. Bernard's Congregation; a., W. P. Ginther.

Brooklyn, N. Y.—*Walcott St.*, nr. Van Brunt St., one-st'y & base. bk. church, 45′ x 96′, slate roof; $23,000; o., Trustees of Christ Church; a., W. & G. Audsley, 11 Broadway, New York; b., R. Deeves & Son, Mutual Reserve Building, New York.

Houghton, Mich.—Two-st'y & base. school, 130′ x 166′, slate roof, fan system; $42,000; o., Board of Education; a., Van Ryn & De Gelleke, Merrill Block, Milwaukee, Wis.

Newark, N. J.—*Roseville and Fifth Aves.*, one-st'y & base. church, 75′ x 110′; $40,000; o., Fifth Avenue Presbyterian Society; a., Ward & Davis, 203 Broadway, New York City.

Seattle, Wash.—Two-st'y bk. & st. church, 60′ x 122′, slate roof, hot water; $25,000; o., Catholic Society; a., Harry J. Rill, 301 Buhl Block, Detroit, Mich.

EDUCATIONAL.

Brooklyn, N. Y.—*Church Ave.*, nr. Prospect St., two-st'y & attic bk. school, 72′ x 147′ 8″, steam heat; $40,000; o., Bishop Chas. E. McDonnell, 367 Clermont Ave.; a., Craigen & Driesler, 1432 Flatbush Ave.

FACTORIES.

New York, N. Y.—*Twenty-eighth St.*, nr. 1st Ave., six-st'y bk. factory, 95′ x 120′; $75,000; o., Manhattan Brass Co., 485 First Ave.; a., Buchman & Deisler, 11 E. 59th St.; b., Dawson & Archer, 24 E. 42d St.

HOSPITALS.

St. Louis, Mo.—*Belt and Von Versen Aves.*, bk. building, 60′ x 66′, structural iron and steel work, slate roof; $45,000; c., George A. Fuller Co.; a., H. E. Roach & Son.

HOTELS.

New York, N. Y.—*Broadway*, cor. 78th St., ten-st'y bk. & st. fireproof hotel, 50′ 2″ x 51′ 7″; $200,000; o., Thomas J. McLaughlin, 167 E. 60th St.; a., Neville & Bagge, 217 W. 125th St.

BUILDING INTELLIGENCE.

HOUSES.

Beardstown, Ill.—Two-st'y bk. & fr. dwell., 24′ x 46′, shingle roof, furnace; $5,000; o., Theo. Fisher; a., Wm. Wolf, Galesburg.

Boston, Mass.—*Tremont St., Nos.* 1532-38, Ward 19, 2 four-st'y bk. dwells., 30′ x 70′, flat roofs, furnaces; $20,000; o., Timothy McCarty; a., R. A. Watson, 1140 Columbus Ave.

Commonwealth Ave., No. 430, Ward 11, four-st'y bk. dwell., 32′ x 98′, flat roof, steam; $50,000; o., Rob't S. Bradley; b., S. D. Willcutt & Son, 168 Devonshire St.

Columbus Ave., cor. Ruggles St., Ward 19, three-st'y bk. dwell. & office, 17′ x 24′ x 52′, flat roof, steam; $9,000; o., F. J. Herthel, Jr., 212 Ruggles St.; b., J. Bulley.

Beacon St, cor. Hereford St., Ward 11, four-st'y bk. dwell., 28′ x 92′, flat roof, steam; $50,000; o., Lester Leland; b., Norcross Bros., Tremont Building.

Huntington Ave., nr. Kenwood Road, Ward 19, 2 three-st'y dwells. & stores, one 23′ x 65′, one 25′ x 60′, flat roofs, steam; $14,000; o. & b., L. J. Lyons, 13 Hillside St.

Cambridge St., nr. N. Harvard St., Ward 25, 7 three-st'y bk. dwells., 22′ x 45′, flat roofs, stoves; $40,000; o., Barbara H. Lamprey; b., D. W. Thomas, 23 Court St.

Stratford Ave., nr. Clement St., Ward 23, 2½-st'y fr. dwell., 35′ x 39′ x 43′, pitch roof, hot water; $7,000; o., Josiah H. Quincy, W. Roxbury; b., Chas. Duran.

Dighton Pl., nr. Washington St., Ward 25, two 2½-st'y dwells., 28′ x 53′, pitch roofs, furnaces; $10,000; o., W. H. Monroe; b., E. H. & E. F. Ireland, Newton Centre.

Robin St., No. 67, Ward 23, 2½-st'y fr. dwell., 32′ x 42′, pitch roof, furnace; $6,500; o., Frank A. Kamp; b., C. Lamont.

Calder St., nr. Canterbury St., Ward 23, 2½-st'y

BUILDING INTELLIGENCE.

(*Houses Continued.*)

fr. dwell., 26′ x 50′, pitch roof, furnace; $5,000; o. & b., Eli Rowe, Winthrop Centre.

Brooklyn, N. Y.—*Ninth Ave.*, nr. 5th Ave., four 3½-st'y bk. dwells., 20′ x 49′, steam heat; $44,000.

E. Seventeenth St., nr. Avenue A, two-st'y & attic fr. dwell., 26′ x 48′, shingle roof, hot air; $6,000; o., C. C. Manger, 809 Flatbush Ave.; a., George Hitchings, 809 Flatbush Ave.

Sterling Pl., nr. Brooklyn Ave., 4 two-st'y & base. bk. dwells., 19′ 2″ x 45′, hot air; $24,000; o. & b., Chas. G. Reynolds, 558 Decatur St.; a., Axel S. Hedman, Arbuckle Building.

St. Mark's Ave., cor. New York Ave., 2½-st'y bk. dwell., 44′ 2″ x 64′ 6″, copper roof, steam heat; $50,000; o., Mary L. Jones, 1363 Dean St.; a., L. S. Holden, 1133 Broadway, New York; b., Arthur G. Stone, 1370 Dean St.

Ocean Ave., nr. Avenue Q, two-st'y & attic fr. dwell., 29′ x 33′, shingle roof, steam heat; $5,000; o., G. H. Wyckoff, on premises; a., A. H. McGeehan, 2581 Atlantic Ave.

Church Ave., nr. Prospect Ave., three-st'y bk. rectory, 36′ x 40′; $14,000; o., Right Rev. C. E. McDonnell, 367 Clermont Ave.; a., Geo. J. Craigen, 470 E. 29th St.

Avenue D, cor. E. 17th St., two-st'y & attic fr. dwell., 40′ 6″ x 43′, shingle roof, steam heat; $8,500; o., Anna C. Neff, 112 Second Pl.; a., Parfitt Bros., 26 Court St.; b., T. J. Sinnott, Avenue D & E. 19th St.

Ninth Ave., cor. 6th St., four-st'y & base. bk. dwell., 20′ x 58′, steam heat; $16,000; o., C. G. Peterson, 603 Seventh St.; a., A. S. Hedman, Arbuckle Building.

Cedarhurst, L. I., N. Y.—Three three-st'y fr. dwells., 32′ x 60′; $18,000; a., McIlvaine & Tucker, 48 Exchange Pl., New York City.

Chicago, Ill.—*W. Twelfth St.*, nr. Western Ave., three-st'y bk. & st. dwell., 34′ x 100′, comp. roof;

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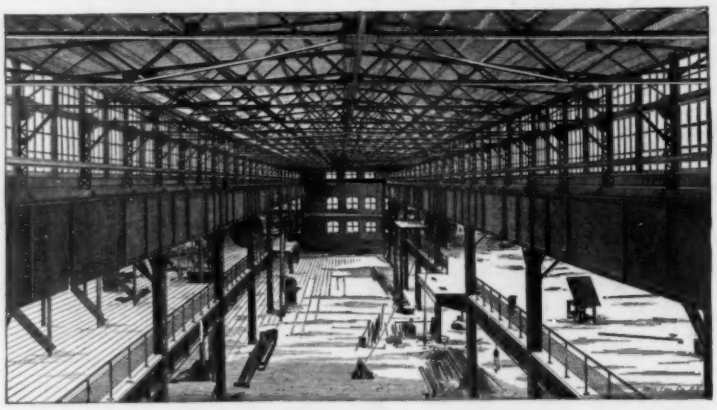

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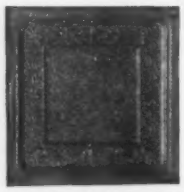

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(*Houses Continued.*)

$9,000; o., Zuegel Bros., W. 12th & Lincoln Sts.; a., Geo. L. Pfeiffer, 1168 W. 12th St.

Columbus, O.—Three-st'y bk. dwell., 30′ x 40′, slate roof, hot air; $5,500; o., D. D. Dun, 9 Hayden Block; a., V. S. Julian, Delaware Ave.

Main St., two-st'y bk. dwell., 38′ x 40′, slate roof, furnace; $5,000; o., L. R. Pugh; a., C. A. Stribling & Co., 85 N. High St.

Detroit, Mich.— *Lathrop Ave.*, three-st'y bk. & st. dwell., 58′ x 61′, slate roof, steam; $8,000; o., Wm. Mitchell, 1312 Wabash Ave.; a., A. C. Varney & Co., 58 Newberry Building.

Westminster Ave., two-st'y bk. dwell., 33′ x 50′, slate roof, hot water; $5,000; a., Joy & Barcroft, 407 Ferguson Building.

Jersey City, N. J.— *Bramhall Ave.*, two-st'y fr. dwell., 31′ x 56′; $5,200; o., James Leo; a., Blau & Quaife.

Milwaukee, Wis.— *Terrace Ave.*, two-st'y bk. & st. dwell., 50′ x 60′, slate roof, steam; $25,000; o., John Kern; a., Crane & Barkhausen.

Newark, N. J.—*Hedden Terrace.*, nr. Clinton Ave., 2½-st'y fr. dwell., 30′ x 38′; $5,000; o., Frank J. Beck; a., Peter T. MacLagan.

S. Seventh St., 2½-st'y fr. dwell.; $6,000; o., John Zisfel; a., Alfred Peter.

Newton, Mass.—*Newtonville Ave.*, Ward 1, two-st'y fr. dwell., 29′ x 37′, furnace; $6,500; o., R. S. Wentworth; b., Hawkins & Watts.

New York, N. Y.—*One Hundred and Forty-sixth St.*, *No.* 433, seven 3½-st'y bk. dwells., 14′ 6″ x 53″; $63,000; o., a. & b., John P. Leo, 143 W. 125th St.

Ninety-third St., nr. Madison Ave., five-st'y bk. & st. dwell., 20′ x 60′; $20,000; o., Jas. Kilpatrick, 312 E. 93d St.; a., Fred'k Jacobsen, 54 W. 18th St.

Riverside Drive, nr. 108th St., 2 five-st'y bk. & st. dwells., 26′ x 84′ & 89′; $80,000; o., Adolph Openhym, 42 Green St.; a., Rob't D. Kohn, 96 Fifth Ave.

Washington Ave., nr. 164th St., 17 two-st'y bk. dwells., 16′ 2″, 16′ 6″, 32′ 4″, 32′ 8″ x 17′, 36′, 48′; $127,500; o. & a., L. F. J. Welher, Jr., 81 E. 125th St.

Portchester, N. Y.— *Elmot Ave.*, 2½-st'y fr. dwell., $6,000; o., Frank H. Brown.

Somerville, Mass.— *Fairmount Ave.*, nr. Dixon St., 2½-st'y fr. dwell., 26′ x 45′, pitch roof, furnace; $5,000; o. & b., Michael Farrell, 121 Heath St.

Sycamore St., two-st'y fr. dwell., 30′ x 42′, pitch roof, hot water; $6,000; o., Rebecca S. Whiton; b., Geo. E. Hutchinson, 202 School St.

St. Louis, Mo.—*Lindell Boulevard*, *No.* 3744, three-st'y bk. & st. dwell., 48′ x 72′, slate roof, hot water; $35,000; o., Jas. Hopkins; a., John Stafford White, Chemical Building.

BUILDING INTELLIGENCE.

(*Houses Continued.*)

Washington Ave., 2½-st'y bk. dwell., 36′ x 45′, comp. roof, steam; $25,000; o., Geo. Lang; a., A. M. Baker, Columbia Building.

St. Mary's, O.—2½-st'y fr. dwell., 45′ x 45′, slate roof, hot water; $5,000; o., W. W. Curtain; a., Richards, McCarty & Bulford, Ruggery Building, Columbus.

Terre Haute, Ind.—Two-st'y & base. bk. & st. dwell., slate roof, steam; $7,000; o., Pastor of St. Benedict's Church; a., J. G. Vrydagh.

MERCANTILE BUILDINGS.

Columbus, O.— *Front St.*, five-st'y bk. business block, 24′ x 94′, comp. roof, steam; $20,000; o., O. A. B. Senter; a., C. A. Stribling & Co., 85 N. High St.

Waterloo, Ia.—Four-st'y & base. bk. business building, 40′ x 140′, gravel roof, steam; $20,000; o., Waterloo Saddlery Co.; a., Murphy & Ralston.

OFFICE-BUILDINGS.

Americus, Ga.—Four-st'y & base. bk. & st. bank & office building, 50′ x 100′, tin roof, steam; $25,000; o., Planter's Bank of Americus; a., W. F. Denny, 542 Equitable Building, Atlanta.

Boston, Mass.— *Kingston St.*, *No.* 84, Ward 7, five-st'y bk. office-building, 53′ x 66′ x 100′, flat roof, steam; $55,000; o., J. Franklin Fuller, trustee, 13 Doane St.; b., Woodbury & Leighton.

Washington St., cor. Talbot Ave., Ward 24, four-st'y bk. office & store building, 40′ x 55′ x 75′, flat roof, steam; $22,000; o., Lydia B. Taft; a., Jos. T. Green, 12 Pearl St.

Lexington, Ky.—Five-st'y bk. & steel office-building, 46′ x 85′, comp. roof, steam; $50,000; o., McClelland; a., Richards, Bulford & McCarty, Ruggery Building, Columbus, O.

New York, N. Y.— *Broad St.*, cor. Front St., ten-st'y & base. bk. office-building, 24′ 2″ x 64′ 8″ & 66′ 3″; $140,000; o., Potter & Teichman, 527 Fifth Ave.; a., G. F. Pelham, 503 Fifth Ave.

PUBLIC BUILDINGS.

Pipestone, Minn.—Two-st'y jasper & sandst. court-house, 75′ x 100′, slate roof, steam; $40,000; o., Pipestone County; a., Ross & Schippels, Mankato.

STABLES.

Buffalo, N. Y.—*Kindell Ave.*, n s, bet. King's Highway & Lake Ave., two-st'y stable; $8,400; o. & b., B. B. Graham.

Detroit, Mich.— *Fort St.*, 2½-st'y bk. stable, 40′ x 64′, slate roof, steam; $12,000; o., Oren Scotten, cor. Fort & Campau Sts.; a., John Scott & Co., 67 Moffat Building.

Newton, Mass.— *Walnut St.*, Ward 6, two-st'y stable, 30′ x 50′, stoves; $1,000; o., J. H. Bombard & Co.; b., J. F. Currier.

New York, N. Y.—*Second Ave.*, *No.* 62, five-st'y bk. stable, 20′ 6″ x 125′; $12,000; o., Phillip Siegel, 5 E. 106th St.; a., Sass & Smallheiser, 23 Park Row.

E. One Hundred and Tenth St., *Nos.* 308-310, two-st'y bk. stable, 27′ 8″ x 54′ 9″; $7,000; o., J. Scharmann, on premises; a., L. F. Heinecke, 62 Bowery.

Tiffany St., nr. 167th St., two-st'y fr. stable, 25′ x 50′; $2,000; o., Johanna Carmin, 1139 Tiffany St.; a., John De Hart, 1637 Fox St.

Philadelphia, Pa.—*Washington Ave.*, *rear No.* 1118, two-st'y bk. stable, 16′ x 50′; o. & b., J. A. Wenderath.

Somerville, Mass.— *Stone Ct.*, nr. Stone Ave., one-st'y fr. stable & manufactory, 41′ x 61′, flat roof;

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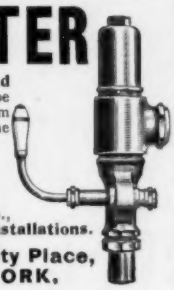

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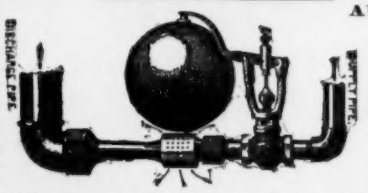

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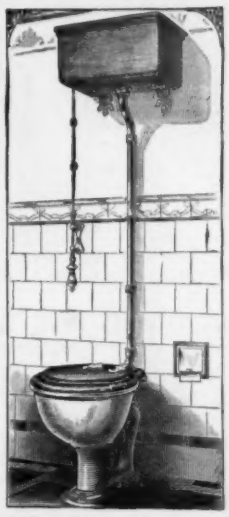

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(*Stables Continued.*)

$2,350; o., Francis A. Martin, 26 Fitchburg St.; b., Sylvester Woods, 69 Joy St.

STORES.

New York, N. Y. — *Eleventh St., No.* 56, eight-st'y bk. lofts & stores, 25' x 89', 94' 11"; $58,000; o., Owen Costello, 181 E. 84th St.; a., Rudolph Moeller, 959 E. 165th St.

St. Louis, Mo. — *Locust St., No.* 815, two-st'y bk. store building, 25' x 111', comp. roof, steam; $20,000; o., Humbolt Realty Co.; a., Mullgardt & Dunham, Commercial Building.

TENEMENT-HOUSES.

New York, N. Y. — *Tenth St., Nos.* 442 446, six-st'y & base. bk. & st. tenements, 47' x 70' x 92'; $45,000; o. & b., Fay & Stacom, 233 Grand St.; a., Charles Rentz, 153 Fourth Ave.

THEATRES AND HALLS.

New York, N. Y. — *Forty-second St.*, nr. 7th Ave., three-st'y bk. theatre, 69' x 100' 4"; $200,000; o., Geo. M. Jansen, 106 E. 14th St.; a., John E. Kerby, 722 Tremont Ave.

MISCELLANEOUS.

Malden, Mass. — *Pleasant St., Nos.* 151-169, four-st'y bk. office-building & opera-house, steam; $156,000; o., E. S. Converse, 2 Main St.; b., L. P. Soule & Son, 166 Devonshire St.

COMPETITIONS.

CITY-HALL. [At Columbia, S. C.]
Plans are wanted **August 1** for a City-hall. T. T. TALLEY, City Treas. 1226

CHANGE OF SCALE. — Society of Beaux-Arts, Class B, Order Programme No. 9, Competition No. 34. The scale of finished plan has been reduced from 1-8" to the foot to 1-16" to the foot. ERNEST FLAGG, Chairman.

PROPOSALS.

ROOF. [At New York, N. Y.]
Sealed proposals will be received at the Bureau of Yards and Docks, Navy Department, Washington, **until July 1, 1899,** for the removal of old roof and construction of new roof for building numbered 12, Navy Yard, New York, N. Y. MORDECAI T. ENDICOTT, Chief of Bureau. 1226

BRIDGE. [At Abbott, Neb.]
Bids are wanted **July 1** for a bridge. C. H. MENCK, Co. Clk. Grand Island. 1226

TUBULAR BOILERS. [At Columbus, O.]
The Board of Infirmary Directors of the Franklin County Infirmary will receive sealed proposals **until July 3** for three horizontal tubular boilers. OTIS K. ELLIS, superintendent. 1226

BRIDGE. [At Wood River, Neb.]
Bids are wanted **July 1** for a bridge. C. H. MENCK, Co. Clk., Grand Island. 1226

DWELLING. [At Erwin, Tenn.]
United States Commission of Fish and Fisheries, Washington, D. C. Sealed proposals will be received at this office **until July 1, 1899,** for the construction of a foreman's dwelling on the property of the United States Fish Commission, near Erwin, Unico County, Tenn. GEORGE M. BOWERS, Commissioner. 1226

ELECTRIC LIGHTING PLANT. [At Fort Point, Cal.]
U. S. Engineer Office, Room 90, Flood Building, San Francisco, Cal. Sealed proposals for furnishing and installing electric lighting plants at Fort Point, Cal., will be received here **until July 7, 1899.** CHAS. E. L. B. DAVIS, Major, Engineers. 1227

PROPOSALS.

HEATING. [At Cincinnati, O.]
Bids are wanted **July 10** for furnishing heating apparatus for the Cincinnati Branch Hospital. JOHN FEHRENBATCH, Supt. 1227

ADDITION TO SCHOOL. [At Cedar Rapids, Ia.]
Bids are wanted **July 5** for an addition to Adams School; also for ventilating and heating same. J. J. POWELL, Pres. Bd. 1226

CONSTRUCTION OF SEWER BEDS. [At Southbridge, Mass.]
Sealed proposals will be received at the office of the Sewer Commissioners of Southbridge, Mass., **until the 8th day of July next,** for the construction of the sewer disposal beds, and laying about 200 feet of 14-inch iron pipe. JOSEPH OUIMETTE, JR., W. C. CALLAHAN, H. C. CADY, Sewer Committee of Southbridge, Mass. A. C. MOORE, Engineer, 100 Main St., Southbridge, Mass. 1227

ADDITION TO QUARTERS. [At West Point, N. Y.]
Sealed proposals will be received here **until July 12, 1899,** for the construction of an Addition to Quarters No. 27. Address Q. M., U. S. M. A. 1227

COURT-HOUSE. [At Lebanon, Ind.]
Bids are wanted by the County Commissioners **July 29** for a court-house; estimated cost, $200,000. 1227

HEATING. [At Hallock, Minn.]
Sealed proposals for heating court-house and jail in the City of Hallock, Kittson County, Minn., will be received by the County Auditor **until the 10th day of July, 1899.** G. A. GUNNARSON, County Auditor. 1227

JAIL AND SHERIFF'S RESIDENCE. [At Clear Lake, S. D.]
Bids are wanted **July 7** for a jail and sheriff's residence. E. N. FLANDERS, Co. Aud. 1226

SCHOOL. [At Le Roy, Minn.]
Sealed proposals will be received by Board of Education of the Independent School District of Le Roy, Minn., **until July 6th,** for the erection of an 8-room brick school-building. C. I. ROY, Pres. Bd. of Ed. F. W. Kinney, architect. 1226

Treasury Department, Office Supervising Architect, Washington, D. C., June 7, 1899. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of July, 1899, and then opened, for the construction (except heating apparatus) of the extension to the U. S. Temporary Post-office, 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. Supervising Architect. 1226

COURT-HOUSE AND JAIL. [At Warren, Minn.]
The undersigned hereby give notice that sealed proposals for the erection of a Court-house and Jail in the City of Warren, County of Marshall, Minn., including all labor and material, will be received by the County Auditor of Marshall Co., Minn., **until the 30th day of June, 1899.** (Signed) W. E. WOOD, J. M. SCHIE, H. GUNDERSON, ADOLF S. ROKKE, GEO. W. PECK, Board of County Commissioners of Marshall County, Minn. A. B. NELSON, Auditor. 1226

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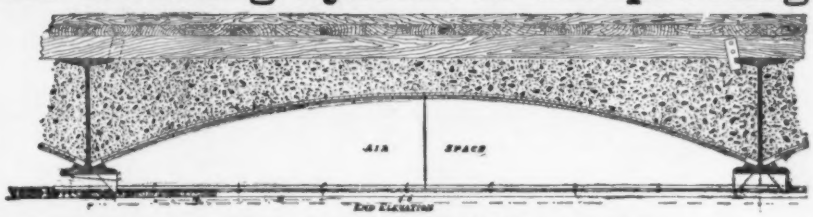

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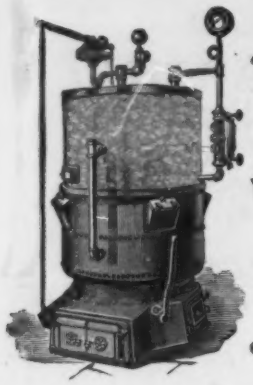

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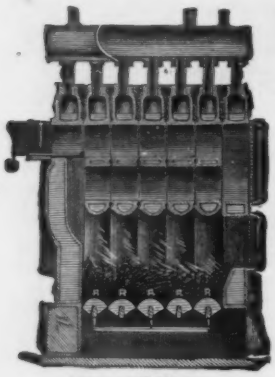

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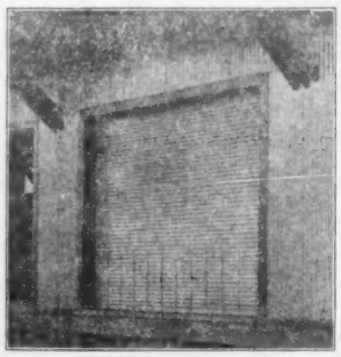

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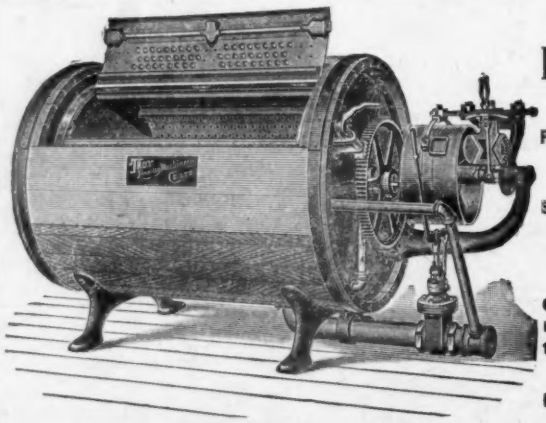

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