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MARCH 26, 1898.



SUMMARY:—

Proposed Extension of the New York Employers' Liability Law.—Tests of Riveted and Bolted Joints at the Watertown Arsenal.—Death of Sir Henry Bessemer, Engineer and Inventor.—The Competition for the Boston Elevated Railway stations.—Lay Information about Concrete.—Concrete-built Buildings.	97
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AN extraordinary bill for "the extension and regulation of the liability of employers" has been introduced into the State Legislature of New York, by Senator Cantor, at the instance of the Central Labor Union. This bill, after reciting that employers shall be liable for injury caused to persons in their employ by reason of negligence of other persons employed by them, or of defects in the "building, ways, works and machinery connected with or used in the business," after the ordinary manner of employers' liability acts, goes on to say that "A contract or sub-contract with an employer shall not bar the liability of the employer for injury to employés of such contractor or sub-contractor"; and it provides further that "No person or corporation shall by any special contract with persons in his employ exempt himself or itself from any liability which he might otherwise be under to such persons for injuries"; and that "Any such contract or agreement shall be null and void." Like most legislation of the sort, this bill is, probably with intention, obscure in its language, but, if it should pass, there can be no doubt that it would be used to impose upon owners of buildings the liability for accidents to the employés of contractors. The common law is now well settled that a man who contracts with another to do a certain piece of work is responsible to his own employés for the care with which he carries it on, and that the person for whom he has agreed to do it is not liable for the consequences of the way in which it is done, unless he has reserved some control over the contractor's proceedings, or has contributed to any accident by misconduct or negligence of his own. The statute law has for years been nibbling away at the property-rights of innocent persons, and has, in most of our States, invented conditions under which such persons could be made to pay for other people's negligence; but it seems to have been reserved for Senator Cantor's bill to attempt to sweep away at one stroke the sole remaining defence of property-owners against the plundering schemes of the lawyers who get up employers' liability cases, by purposely confusing what the law knows as "independent contractors" with employés, so as to make an excuse for the nullification of all the contract or common-law rights under which owners of property who have improvements made can protect themselves against robbery. It will be said, of course, that no statute will be sustained by the courts, even if passed, which limits the right of citizens to contract to do for one another anything not prejudicial to honesty or good morals; but it is a long process to have a statute set aside, and, if the Cantor bill should pass, owners of property will soon discover that to build on their land, or to invest money in the stock of railways or other corporations which employ large numbers of persons, is to invite ruin; for there is hardly any limit to

the liability-claims which might be incurred under an agreement for the most trifling piece of work. Already, persons who wish to improve land by erecting new buildings find that they can borrow money only with some difficulty, and at high rates of interest, for the well-understood reason that savings-banks, and people who have money to lend, and who do not wish to lose it, regard the risk of ruin to innocent owners under the present liability laws as so serious as to make it injudicious for them to advance funds for new work, while they are glad to take mortgages on buildings already completed, and thus exempt from danger of this sort, at rates ranging from three to four per cent; and if anything like the Cantor bill should become law in any State, it would be practically impossible to procure building-loans, unless at prohibitory rates of interest. If the officers of labor organizations really had the interest of workmen at heart, they would see that the passage of such a measure in New York, while it would add to the value of the property of the people whom it is their constant aim to plunder,—those who have saved up some money, and have already invested it, in buildings or other property,—it would strangle new enterprises, and deprive many thousands of men and women of their daily bread; and it may be seriously questioned whether the depression in building, which has lasted for so many years, has not been in a great degree due to the socialistic legislation, which, as employment has fallen off, has endeavored to make amends by loading with new burdens those who, but for those burdens, would launch into new enterprises, the inevitable result of which would be to give work to those who need it.

SOME important tests have been made at the Watertown Arsenal, during the past year, to ascertain the comparative strength of riveted and bolted joints. The tests seem to have been made at the request of the Berlin Iron Bridge Company, which prepared the material for the trial, and the gratitude of the building community is due to the Bridge Company, as well as to the officers of the Arsenal, for the thorough manner in which a difficult and most important question has been answered. We can only select from the great variety of tests, made with joints riveted in different ways, and with different dimensions of plates and bolts, some which represent those most commonly met with in building-work. In most of the tests the joints were made with the rivets or bolts in short rows, as is usually the case in building, and they were sometimes steel, and sometimes iron. The steel was naturally stronger in each case, and we have therefore compared steel rivets with steel bolts, where both sorts were tested.

TWO plates, one-half inch thick, joined with two three-quarter rivets or bolts, held 48,510 pounds with riveted joint, and 37,690 pounds with bolts; with three rivets, in a single row, the joint parted at 79,960 pounds; and with bolts, similarly disposed, at 58,120 pounds. With four rivets, in a single row, the joint held 100,000 pounds, and, with four bolts, 76,900 pounds. Two quarter-inch plates, joined with five-eighths rivets or bolts, held, with ten rivets, 169,700; with bolts 105,200; with eight rivets 138,800; with eight bolts 87,100; with six rivets 105,900, and with six bolts 66,700. With half-inch plates, riveted in two rows, a joint with ten rivets held 157,400, and with bolts only 84,000; with eight rivets 127,100; with bolts 81,800; and with six rivets 96,000, and with bolts 51,800. These tests were made with five-eighths bolts or rivets, so that an increase in the diameter of a bolt appears to have an important influence in bringing its efficiency nearer to that of a rivet. Three-quarter-inch plates, joined with two three-quarter rivets, held 89,800 pounds; with bolts 59,900; with three rivets 139,300; with bolts 112,800; and with four rivets 175,400; with bolts 140,100. The same plates, joined with twelve five-eighths rivets, in a chain, gave way at 169,900 pounds, and with bolts at 113,109. These results seem to indicate clearly that the average strength of a bolted joint is only about two-thirds that of a riveted joint of the same sort, and that, if the diameter of the bolts or rivets is rather small in comparison with the thickness of the plates, the strength of the bolted joint may not be much more than one-half that of a riveted joint. It is therefore unquestionably advisable, in designing bolted joints, to provide at least one-half more bolts than the number of rivets given by the ordinary rules for riveted joints; and, in the case of building-work,

architects should remember that a lofty structure, attached to the ground only at its foot, and affording little opportunity for diagonal wind-bracing, is peculiarly liable to injury through lack of rigidity at the joints; and that if bolts, which never hold the parts together as firmly as rivets, are to be used in the joints, an additional allowance should be made to their number, as a protection against the effect of momentum due to swaying.

THE death of Sir Henry Bessemer removes from the world a benefactor of the human race, as well as one whose noble perseverance against adversity and discouragement should long serve as an example to the young. Henry Bessemer was an English boy with ordinary opportunities for improvement. Like many others, particularly in England, who have distinguished themselves in industry, he was of an artistic turn of mind, and, in 1820, some of his modelling was accepted for exhibition at the Royal Academy. The utilitarian spirit of England is, however, so intense as to attract almost every person of talent who is obliged to depend on his own exertions for support, and young Bessemer's imagination was soon devoted to industrial invention. It is related of him that he once had occasion to buy some "shell gold," and was struck by the immense disproportion between the cost and the bullion value of the trifling weight of metal contained in his purchase. With characteristic energy, he set himself to studying the manufacture of the material, which was then obtained by a long and expensive process, and became convinced that it was possible to produce by mechanical means, and at a comparatively small expense, the light metallic dust which forms the basis of such pigments. After some time, he succeeded in devising a machine which would pulverize metals to the necessary fineness, but it is said that, instead of patenting the device, he thought it best to keep it secret. It was not long before "Bessemer's Gold Paint" appeared in the market, as a substitute for the far more expensive materials formerly used. This had a large sale, and it is not impossible that the great variety of cheap bronze powders now in use may be produced by processes derived from his invention. After fitting himself for the practice of engineering as a profession, he devoted his talents mainly to subjects of professional interest; and, among other things, the great idea occurred to him that, instead of removing carbon from cast-iron by puddling, and then restoring a part of it by cementation for the manufacture of steel, it might be possible to burn out some of the carbon from melted cast-iron, leaving enough to form steel by a single process. Every one knows the difficulties which had to be surmounted before this idea was reduced to practicable form; and when, after years of experiment, he was able to produce, with certainty, steel of good quality directly from pig-iron, at a fraction of the cost of steel made by the old processes, the Sheffield steel workers combined against him and his invention. He was not to be so easily beaten, however, and raised money to establish works of his own in Sheffield, where he made steel by his process, and sold it to the cutlers in competition with that made by the old establishments. It was not long before the manufacturers, finding that his steel was, for some purposes, as good as theirs, and was sold at one-third the price, concluded that their wisest course was to come to terms with him, and use his invention themselves, paying him the royalty that he asked. This does not seem to have been an unreasonable one, for the manufacture under his patents increased with great rapidity, so that it is said that forty-five times as much steel is now made annually as was made before his process was generally adopted, and that its use involves a saving of twelve million tons of coal a year. Naturally, the success of his device brought him, after so many disappointments, a large income, and he was reported, at his death, one of the richest commoners in England; but his wealth was a small fraction of that which he had brought to England by his inventions, and he was regarded with esteem and affection by all classes.

ALTHOUGH far from reconciled to the presence of an elevated railway in Boston, we visited the exhibition of designs for the elevated stations last week, with the hope of finding that some of the ten competitors in the admirably conducted limited competition had discovered a solution that would sensibly ameliorate the situation. On the face of things the problem presented just the conditions of one of those

twelve-hour sketches which at least half the competitors—once pupils at the École des Beaux-Arts—are thoroughly familiar with, and which, in Paris, generally reveal several fresh and interesting solutions. In Boston, however, the results were in most cases simply banal, only two of the competitors approaching the matter as a new problem with formulas as yet unfixed by established precedent. Another competitor alone realized that, as the elevated road and the subway are to be operated by the same corporation, there might be a propriety in giving his design some traceable resemblance to the very pronounced style and design of the subway stations. All the other competitors seemed to find difficulty in getting far away from rather hazy recollections of elevated-railway stations in other cities. What we feel is the lack of success on the part of so many able designers seems to indicate that the problem was really a harder one than any one believed it to be, and the fact that most of the designs suggest that the buildings were intended to be hung up on a hook, like bird-cages, seems to indicate that most of the designers felt that the proper standpoint from which the design was to be considered was from above rather than from below, from a second-story window rather than from the street. Only one of the designers attempted to modify the engineering structure—and he only very slightly—so as to give his station some connection with the ground, the others contenting themselves with resting their buildings upon the open lattice girders of the road-bed. We sincerely hope that when it comes to execution the engineers and architects may find it possible to give some attention to this point.

THE New York *Tribune* furnishes us with some extraordinary information in regard to concrete. It is reported that a sixteen-story office-building is about to be erected in Detroit, and a similar tale is in circulation about a still more lofty one in New York; and the *Tribune*, after indulging in some roseate anticipations in regard to the success of these constructions, which we regret our inability to share, goes on to explain to its ignorant readers that "There are several styles of cement made in Europe and America, the two best known being the Rosendale and the Portland." The former it considers "cheaper and inferior to the latter." Concerning the manufacture of Portland cement, we are told that "great attention is given to the composition." "If the proportions of the ingredients are found to vary from a fixed standard, more or less clay or gypsum is added, so as to make the material conform thereto." It would be interesting to know how much "gypsum" is added to Portland cement by any decent manufacturer to make it "conform thereto"; but we are told that "the rock which is chosen" for the purpose of making Portland cement "is one consisting mainly of carbonate of lime, but including from ten to twenty per cent of clay"; "gypsum," apparently, not being required as an addition to rock of a natural composition "conforming" to the standard. As a matter-of-fact, very little Portland cement is made out of rock of the kind described, it being the ordinary practice to use chalk or marble rock, containing only pure carbonate of lime, adding to it pure clay, and grinding the ingredients together, so as to give an artificial mixture resembling the natural rock which the *Tribune* describes, and which answers tolerably well to the "cement stone" which is burned into Rosendale cement.

AS it may be asked why there should be any difficulty in constructing a sixteen-story office-building of concrete over a steel frame, it is worth while to say that, in our judgment, it would be impossible, in our present state of knowledge of the properties of cement, to build so high a wall of it, which would not, after exposure to the sun and air, either shrink or swell, in either case cracking, and exposing the steel frame to destructive infiltrations. It is true that concrete might be moulded into blocks, like bricks, or pieces of cut stone, and set up in the same way; but such blocks would be about as costly as the natural materials that they imitated, and would be greatly inferior; so that it is presumed, when concrete building is spoken of, that "monolithic" walls are intended; and, as every architect knows that an extended concrete pavement, or coping, in which Portland cement is used in a dry position, is sure to crack, it is reasonable to suppose that a monolithic wall, pierced with windows, and containing a rigid steel skeleton, would do the same.

STATICS OF STRUCTURES.—THEORETICAL AND APPLIED.¹—X.

FOUNDATIONS.



Fig. 95.

Fig. 95a.

New York. The first story is to be 16' from floor to floor, the second 14', and the third to the twelfth, 12' each. Placing the first floor at 2' over the curb, this arrangement will result in a total height of 152' from curb to top of roof-beams (Fig. 95).

188. Now turning to the New York Building Law, we find in § 477, entitled, "Thickness of walls of warehouses, stores, factories, etc., curtain-walls," the following applying to our case:—

If over eighty-five feet in height and not over one hundred feet in height, the walls shall not be less than twenty-eight inches thick to the height of twenty-five feet, or to the nearest tier of beams to that height; thence not less than twenty-four inches thick to the height of fifty feet, or to the nearest tier of beams to that height; thence not less than twenty inches thick to the height of seventy-five feet, or to the nearest tier of beams to that height, and thence not less than sixteen inches thick to the top.

If over one hundred feet in height, each additional twenty-five feet in height, or part thereof, next above the curb, shall be increased four inches in thickness, the upper one hundred feet of wall remaining the same as specified for a wall of that height.

This will apply to our outside walls, which we intend to make strong enough to support themselves. Accordingly, we take the fifth floor as a datum line, from which to begin, and proportion the 100' above it as follows (Fig. 95): fifth and sixth stories (24'), 28', seventh and eighth stories (24'), 24', ninth and tenth stories (24'), 20', and thence to the top (28'), 16'. For the 56' below the fifth floor we get the following: fourth and third stories (24'), 32', second and first stories (30'), 36'. Of course it rarely happens that the floors in a building will be so spaced as to permit of dividing the walls up into lengths of exactly 25'; some variation cannot, therefore, be avoided, and is usually allowed by the Building Department.

189. The foundation-walls, defined by the Building Law as all walls or piers "below the curb level or nearest tier of beams to the curb," are to be built, if of brick, 4' thicker than the wall next above them to a depth of 12', and their thickness increased 4" for every additional 10' of depth. We shall therefore make our foundation-wall 40" thick.

190. In regard to walls carried by ironwork, we find the law to read as follows:—

Curtain-walls of brick built in between iron or steel columns, and supported wholly or in part on iron or steel girders, shall not be less than twelve inches thick for fifty feet of the uppermost height thereof, or to the nearest tier of beams to that measurement, in any building so constructed, and every lower section of fifty feet, or to the nearest tier of beams to such

186. As the theory of foundations is usually not considered a part of the subject of statics, we shall confine ourselves to applying its methods to one or two forms of footings which have come into use quite recently. As this can best be done by means of an example, we shall again have recourse to our office-building, which we left after completing the floor-framing.²

Before considering its foundations, however, it will be necessary to say a few words about its walls. There are a number of empirical rules for calculating the thickness of walls, all of which are more or less uncertain, so that, instead of using any of them, it is far better to directly specify such thicknesses as practical experience has shown to be satisfactory. Detached piers can, of course, be calculated by means of the various column formulas, which could thus be indirectly applied to all walls capable of being subdivided into a number of piers.

187. In most cities the wall-thicknesses for different kinds of buildings have been established by law. Under such circumstances, it is needless to make any calculations, a reference to the law being all that is required.

Let us assume that our building is to be erected in New York. The first story is to be 16' from floor to floor, the second 14', and the third to the twelfth, 12' each. Placing the first floor at 2' over the curb, this arrangement will result in a total height of 152' from curb to top of roof-beams (Fig. 95).

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Curtain-walls of brick built in between iron or steel columns, and supported wholly or in part on iron or steel girders, shall not be less than twelve inches thick for fifty feet of the uppermost height thereof, or to the nearest tier of beams to that measurement, in any building so constructed, and every lower section of fifty feet, or to the nearest tier of beams to such

vertical measurement, or part thereof, shall have a thickness of four inches more than is required for the section next above it, down to the tier of beams nearest to the curb level; and thence downwardly the thickness of walls shall increase in the ratio prescribed . . . for the thickness of foundation-walls.

This will apply to our court-walls, which, accordingly, we shall make 12" thick from the roof to the ninth floor (48'), 16" from the ninth to the fifth (48'), 20" from the fifth to the first (54'), and 24" below that (Fig. 95a).

191. Now let us take one of the piers of the main elevation, for instance, pier L, and also one of the lines of interior columns, say F, which supports a greater floor-area than any of the others (See Fig. 11, § 33), and let us find the loads which their footings will have to carry.

That is not a very complicated matter, in the case of the column; its average load-area for every story is 19' 7" × 18' 8", or about 366 square feet. The column in the twelfth story carries that area of roofing. Assuming for this a gross load of 130 pounds per square foot (80 pounds dead, and 50 pounds live—§ 148) gives 366 × 130, or 47,500 pounds on the twelfth-story column. All the other columns carry 366 square feet of flooring, which, at a total load of 200 pounds per square foot (100 dead and 100 live, § 37), will result in 73,200 pounds for each floor, and 878,400 pounds for twelve floors. Adding to this the 47,500 pounds due to the roof gives a total of 925,900 pounds transmitted by the basement column to the footing. It will be sufficiently accurate to call one-half of this, or 462,950 pounds, dead load, and the other half, live.

Something must further be added for the weight of the footing itself, which, of course, cannot be accurately ascertained before the latter is drawn out. We shall, therefore, make an allowance equal to 5 per cent of the dead-load, or 23,147 pounds. Our final total load under the column footing is, therefore, 949,047 pounds, made up of 486,097 pounds dead and 462,950 pounds live. It is practically

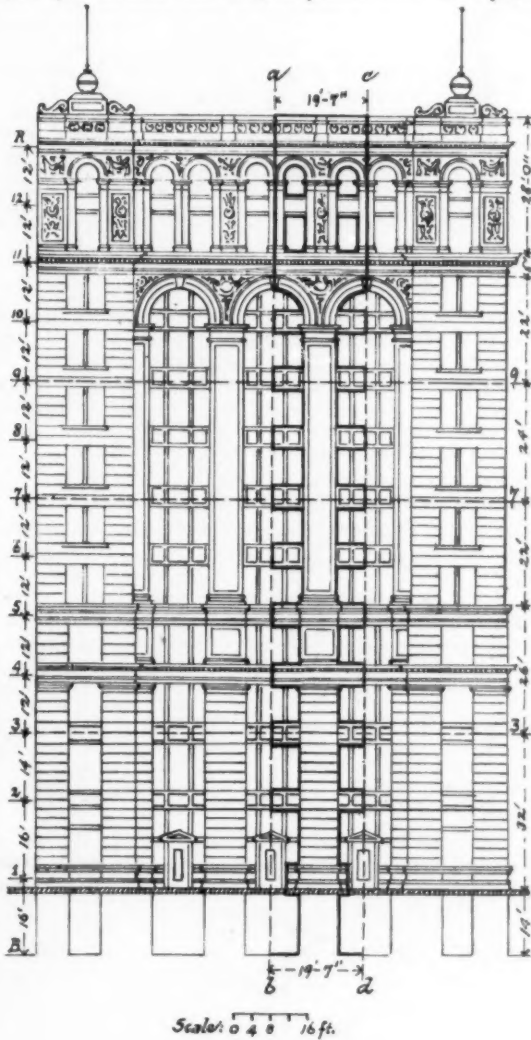


FIGURE 96.

unnecessary to allow anything for the weight of the columns, as that generally amounts only to about 1 per cent of the total load.

192. To get the load on the footing of pier L is not quite so simple. This load consists of two parts: the floor, roof and sidewalk loads carried by the iron column built into the pier, and the weight of the masonry composing the latter.

The average load-area of the pier-column is equal to 8' × 19' 7",

¹Continued from No. 1154, page 46

²See No. 1095, page 95, and No. 1115, page 43.

or 157 square feet; the dead-load due to the roof will, therefore, be 157×80 lbs., or 12,600 pounds; the live, 157×50 lbs., or 7,850 pounds. The load for the twelve floors, both static and live, will each be $157 \times 100 \times 12$, or 188,400 pounds. The sidewalk, if we assume its dead and also its live load each at 150 pounds per square foot, and its width at 15', of which one-half, or 7' 6", will be carried

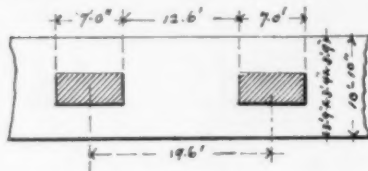


Fig. 97.

on the pier, will contribute a dead-load of $7.5 \times 19.6 \times 150$, or 22,000 pounds, and the same amount of live-load. To get the weight of the masonry composing the pier we turn to the wall-section (Fig. 95), and to the elevation (Fig. 96). Let us assume the wall above the

fifth floor, with the exception of the main cornice, to be of brick, the cornice of stone, and the wall below the fifth floor of brick faced with 12" of stone. The amount of masonry carried on the footing will be equal to the part included between the axis lines *a b* and *c d* less the window and other openings, as outlined in Figure 96. To estimate the weight of this masonry we proceed as follows:—

193. Beginning at the top, and taking the panel above the cornice, where the wall is 16" thick, we find its area to be 19.6 (width of bay) $\times 28$ (height of panel), or 550 square feet, less the window openings, aggregating 156 square feet, or a net area of 394 square feet. This multiplied by 160 pounds, the weight per superficial foot of a brick wall 16" thick (§ 106), gives 63,000 pounds as the weight of this division.

Next, assuming the stone cornice to be 5' high and of an average thickness of 2', its weight would be $2 \times 5 \times 19.6 \times 160$, or 31,400 pounds.

From the cornice down to the ninth-floor line, a distance of 22', the wall is 20" thick. The weight of this portion is, therefore, 19.6×22 , less 163 square feet of window-openings, multiplied by 200, or 53,800 pounds.

From the ninth down to the seventh floor, a distance of 24', the brickwork is 24" thick; the pier being 6' wide and the windows 8' high, this division will weigh

$$[(19.6 \times 24) - (13.6 \times 8 \times 2)] 240, \text{ or } 60,500 \text{ lbs.}$$

Similarly, the next division, from the seventh floor down to the window-sill of the fifth story, 22' high and 28" thick, will weigh

$$[(19.6 \times 22) - (13.6 \times 8 \times 2)] 280, \text{ or } 60,000 \text{ lbs.}$$

The next division, from the last line down to the third floor, a distance of 26', being composed of 20" of brickwork, faced with 12" of stone, will weigh per square foot of superficial area 200 pounds + 160 pounds, or 360 pounds. Assuming the pier to be 7' wide down here, we get

$$[(19.6 \times 26) - (12.6 \times 8 \times 2)] 360, \text{ or } 111,000 \text{ lbs.}$$

From the third floor down to the curb, a height of 32', the masonry is composed of 12" of stone and 24" of brick, giving 400 pounds per square foot. Its weight is, therefore,

$$[(19.6 \times 32) - (12.6 \times 22 \times 1)] 400 = 140,400 \text{ lbs.}$$

From the curb to the basement floor—14'—we have only the pier, 7' wide and 40" thick, built entirely of brick. Its weight is, accordingly,

$$14 \times 7 \times 400 = 39,200 \text{ lbs.}$$

194. This brings us down to the footing. Adding all these weights together, we get a total, for masonry, of 559,300 pounds, or, say, 560,000 pounds. After adding 5 per cent of the total dead-load (weight of masonry, roof, floors and sidewalk), or 40,000 pounds, as an allowance for the weight of the footing itself, we find the final

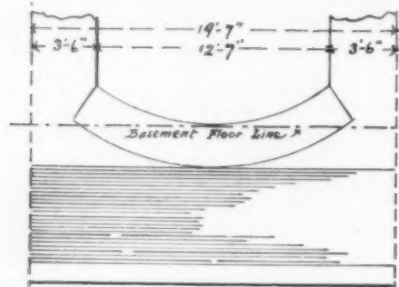


Fig. 99.

dead-load under the footing of Pier *L* to be 843,000 pounds, made up as follows:—

Masonry.....	560,000 lbs.
Roof.....	12,600 "
Twelve floors.....	188,400 "
Sidewalk.....	22,000 "
Five-per-cent allowance for weight of footing.	40,000 "
Total.....	843,000 lbs.

¹Sum of heights of three openings.

The live-load is as follows:

Twelve floors.....	188,400 lbs.
Roof.....	7,850 "
Sidewalk.....	22,000 "
Total.....	218,250 lbs.

Sum of dead and live loads: 1,061,250 pounds.

195. In designing building-foundations, under average conditions, the safe load allowed on the soil usually varies from 2 to 4 tons per square foot. The latter figure is the maximum amount allowed by the New York law on "good, solid, natural earth." For different kinds of soil, the average amounts given by a number of authorities are about as follows:

TABLE VI.

SAFE CARRYING-CAPACITIES OF SOILS, IN TONS PER SQUARE FOOT, BASED ON A FACTOR-OF-SAFETY OF FROM 3 TO 4.

Alluvial soil.....	0.5 to 1.0
Quicksand.....	0.5 " 1.0
Clean dry sand.....	2 " 4
Firm, well-confined sand.....	8 " 10
Soft, wet clay.....	1.0 " 1.5
Dry clay.....	4 " 6
Gravel and coarse sand, set with clay.....	4 " 6
Poor rock.....	5 " 10
Hard rock.....	200

196. Suppose that we find our soil to be clean, dry sand, and, therefore, assume its safe carrying capacity at 4 tons, or 8,000 pounds per square foot. The area of the footing under pier *L*, for the total dead and live loads acting together, would then be $1,061,250 \div 8,000$, or 133 square feet; and under column *F*, $949,047 \div 8,000$, or 119 square feet.

But it is highly improbable that the total live-load, or even a considerable part of it, will act on either the pier or column footing continuously. Such being the case, it is impossible to obtain the best results by proportioning the footings directly to the sum of the whole dead and live load, unless the ratio of the live to the dead load is ever, where the same.

Thus, suppose that we had made the footing of Pier *L* equal to 133 square feet, and that of column *F* 119 square feet, as just found. Now, if there were no live load

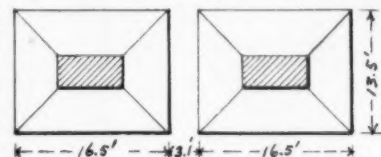


Fig. 98.

acting, leaving only the dead-load to be carried, the soil under pier *L* would sustain a pressure per square foot of $843,000 \div 133$, or 6,350 pounds, and under column *F*, of $486,097 \div 119$, or 4,080 pounds. In other words, the pressure under the pier would be 2,270 pounds greater than under the column. Therefore, assuming the soil to be the same in both locations, the pier would settle more than the column. That is precisely what ought to be avoided; there is no harm in a structure's settling a little, so long as it does so evenly.

197. The live-load, being a variable factor, ought either to be omitted entirely from the calculations and a somewhat lower bearing-value used, or allowance for it made in the following manner:—

Take that pier or column for which the ratio of the live to the dead load is a maximum, and ascertain the area of its footing for the sum of its dead and live load, using the full bearing-capacity of the soil. Then take off the live-load and find the pressure per square foot exerted by this footing on the soil for the dead-load only.

Now adopt this pressure as a new, derived, safe carrying-capacity of the soil, and proportion the remaining footings to it, calculating for the dead-load only, and ignoring the live-load entirely. The pressures under the footings proportioned by this method will everywhere be the same per square foot, and considerably lower than the safe carrying-capacity of the soil, as long as the dead-load alone is acting. As soon as a live-load is imposed on any part of the structure, however, the pressure under the footing of that part will rise, until, for the maximum live-load, it will approach the full carrying-capacity of the soil. Of course, if the proportion of the live to the dead load varies greatly for different parts of the structure, the pressures under the various footings will become correspondingly uneven for large live-loads. Nevertheless, it is better to have the pressures uneven for the live loads, which act only temporarily, than for the dead, which act all the time.

198. In our example the ratio of live to dead load is greatest for the columns, as is generally the case. We make the footing of column *F* equal to 133 square feet, or capable of sustaining the total load at a pressure of 4 tons, or 8,000 pounds per square foot. Now, by allowing only the dead-load to act, this pressure of 8,000 pounds is changed to 4,080, or, say, 4,000 pounds per square foot. Taking this amount as the derived safe carrying-capacity, the footing of pier *L* will be equal to $843,000$ (dead-load only) $\div 4,000$, or 211 square feet.

We can either have a continuous footing, as shown in Figure 97, or an isolated footing under each pier (Fig. 98). The continuous footing would have to be $211 \div 19.6$, or 10.8' wide; while the isolated footings, to be similar in outline to the piers, would be about $12.8' \times 16.5'$. Since the latter would require more labor in building, and also afford a greater opportunity for unequal settlement, we

5,000 = 675,000 pounds. This requires a moment-of-resistance of (Equations 6, 10)

$$R = \frac{675,000 \times 12.6 \times 12}{8 \times 16,000} = 800''.$$

We find the most suitable arrangement to be five 24" — 80 pound

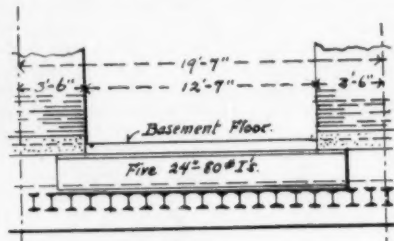


Fig. 100.
— Elevation —

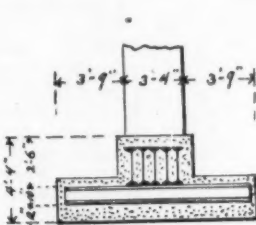


Fig. 100a.
— Section —

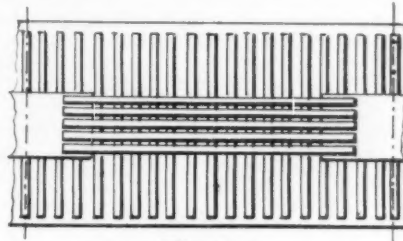


Fig. 100b.
— Plan —

shall decide in favor of the continuous type. Where the loads on the piers are unequal, however, the continuous footing is objectionable, resulting, in such cases, in an uneven distribution of pressure.

199. Figures 99 and 99a show the footings constructed entirely of brick, upon a 12" bed of concrete. To distribute the load over the area between the piers, inverted arches are turned between them. The load supported by such an arch is usually assumed as being equal to the reaction of the soil against that area of the footing directly under the arch, which, in our case, would equal $19.6 \times 10.8 \times 5,000$, or 1,060,000 pounds. It is doubtful, however, when the footing is very deep, whether all of this load acts on the arch; the greater part of it is more than likely transferred directly to the piers through the corbel-like action of the brickwork.

200. To ascertain the required depth d , Figure 99a, the projecting part of the footing is considered as a cantilever (§ 82) supporting a uniform load equal to the reaction of the soil. Thus, assuming the ultimate modulus of rupture for brickwork at 600 pounds per square inch, and taking a factor-of-safety of 10, the moment-of-resistance required for a strip one foot in width will be

$$R = \frac{5,000 \times 3.75 \times 1 \times 3.75 \times 12}{2 \times 60} = 7,000''^2$$

Since the moment-of-resistance of a rectangular cross-section is $\frac{b d^2}{6}$ (§ 29), and b , in this case, 12", we have

$$\frac{12 d^2}{6} = 7,000'', \text{ from which}$$

$$d = 59'', \text{ or, say } 60'', \text{ the required depth.}$$

According to the New York Building Law, the offsets in a brick footing of this kind should not exceed $\frac{1}{3}$ " for each course, if laid in single courses, or 3" if laid in double courses. Our total offset being 45", we should require $45 \div \frac{1}{3}$, or 135 courses; which, at $2\frac{2}{3}$ " per course, would result in a depth of 6' 8", or 1' 8" more than above.¹

It will be noticed that if the basement floor-line is located as shown, the brick type of footing will make it necessary to excavate down to a depth of 8'. To avoid this excessive depth, the floor-line could be located at the base of the piers, in which case the floor-space taken up by the projection of the footing would have to be sacrificed. The inverted arches will further block up the passage-ways from the main basement to the vaults under the sidewalk, which would be a great disadvantage.

201. To overcome these objections the footings can be built of steel beams imbedded in concrete, as shown in Figures 100 — 100b. In place of the inverted arch a girder made up of several heavy I-beams is used. It supports a uniform load equal to the reaction of the soil on the footing lying between the piers, or $12.5' \times 10.8' \times$

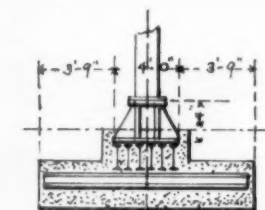


Fig. 101.

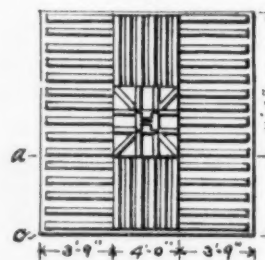


Fig. 101a.

1 It is obvious that in calculating the strength of the footings the maximum pressure on the soil, i. e., that resulting from both dead and live loads, must be taken; or, 5,000 pounds per square foot for the pier and 8,000 pounds for the column.

2 The bending-moment of a cantilever carrying a uniform load P being $M = \frac{P l^2}{2}$, or four times that of a beam supported at both ends.

3 This rule of the building-law is probably based on a pressure of 4 tons per square foot, which, as stated above, is the maximum load allowed by the law on good soil; our calculation being based on a pressure of 5,000 pounds, or $2\frac{1}{2}$ tons per square foot, accounts for the difference between the two results.

1's, each having an R of 174", giving a total of 870". Since each of these beams is 7" wide across the flange, making a total of 35", the girder will not be too wide for the piers. The reaction at each end is 337,500 pounds. To prevent crushing of the brickwork, a template to distribute the reaction over a sufficient area must be inserted. Assuming the safe compression on brickwork at 200 pounds per square inch (§ 179), the area of this template will be $337,500 \div 200 = 1,687.5$ square inches, or $40' \times 42.3'$. Since there is a girder at each side of the pier, the template will be just large enough if made equal to the full area of the pier. To prevent crushing of the template, we shall give the beams a bearing of 16", resulting in a compressive stress on the stone of about 600 pounds per square inch.

202. The grillage beams are spaced 12" on centres, so that the concrete can be well tamped-in between them. In calculating their size they are considered as cantilevers, supporting a uniformly distributed load equal to the reaction of the soil; a possible addition to their strength due to the concrete is disregarded. Thus the load on one beam will be equal to $1 \times 3.75 \times 5,000$, or 18,750 pounds, and the projection of the cantilever, 3.75', from which

$$R = \frac{18,750 \times 3.75 \times 12}{2 \times 16,000} = 26.4'',$$

which requires 10" — 30 lbs. I's, having an R of 26.8".

Placing these beams on a 12" bed of concrete and locating the basement floor-line as indicated will give the entire foundation a depth of only 4' 4" and leave an unobstructed passageway from the main basement to the vaults under the sidewalk.

203. If we now estimate the weights of our two types of footings we shall find that of the brick to be about 132,000 pounds, and that of the grillage 100,000 pounds, so that even the latter exceeds our original allowance by 60,000 pounds, making it necessary to increase the area of the footing $60,000 \div 4,000$, or 15 square feet.

204. Now let us design the footing for column L . We shall assume the basement column to be about $16' \times 16'$, and place it upon a shoe 2' high and 4' square at the base (Fig. 101). These shoes are usually made of cast-iron, everywhere of a thickness of from $1\frac{1}{2}$ " to $1\frac{3}{4}$ ". The base is reinforced by a number of vertical ribs, in this case twelve. The exact thicknesses of the several parts can be accurately calculated by means of the equations for beams and cantilevers.

As a brick footing for the column would be very much like that of the pier, we shall not stop to consider one, but proceed at once to lay out a grillage footing (Figs. 101, 101a). The area required is 133 square feet (§ 198), or, say, $11.5' \times 11.5'$. A 12" bed of concrete is laid down and on it are placed the grillage beams, spaced 12" on centres. Across these are laid a number of bolster beams ($efgh$, Fig. 101a), upon which the column shoe is set. Concrete is tamped into the spaces between the beams, and spread over them to a thickness of about 6".

The grillage beams are again calculated as cantilevers projecting the distance cg ($3' 9''$), and supporting a uniform load equal to the reaction of the soil, which, for a maximum column load, equals 8,000 pounds per square foot (§ 198). The moment-of-resistance for one beam will, therefore, be

$$R = \frac{(3.75 \times 1 \times 8,000) \times 3.75 \times 12}{2 \times 16,000} = 42'';$$

which requires a 12" — 40 lbs. I, with an R of 44.8".

205. The bolster-beams are calculated for the projection ac , or $3' 9''$; and a load-area equal to $abcd$, or $3' 9'' \times 11' 6''$; their total moment-of-resistance will, therefore, be

$$R = \frac{(3.75 \times 11.5 \times 8,000) \times 3.75 \times 12}{2 \times 16,000} = 486''.$$

We shall use five 18" — 65 lb. I's, having an R of 97.9" each, or a total of 489.5".

If the weight of this footing is estimated, it will be found to be about 60,000 pounds, or 37,000 pounds greater than the allowance made for it. We should, therefore, have to add about nine square feet to the area of the footing.

206. In designing foundations it is very essential to have the resultant of all the loads on the footing pass through the centre-of-gravity of the footing-area; otherwise the pressure on the soil will

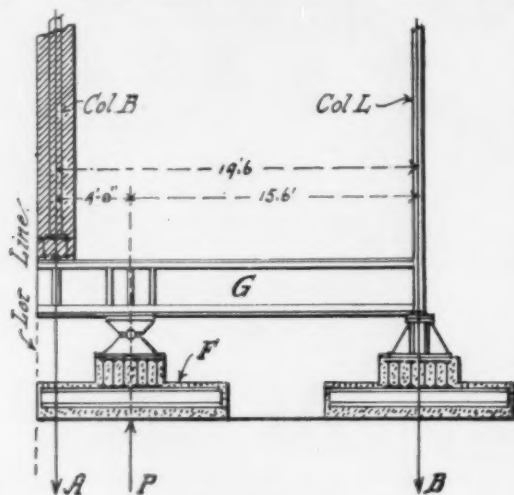


Fig. 103.

vary, causing unequal settlement, and thereby giving rise to cracks in the superstructure. The law of the variation of cross-sectional stresses, as set forth in connection with the theory of the arch (§§ 171-179), can be applied equally well to foundations. But while, in the case of the arch, it is generally sufficient to have the centre-of-pressure fall within the heart or middle third of the cross-section (§ 180), in the case of footings the centre-of-pressure is required to coincide with the centre-of-gravity of the footing-area.

It is usually not very difficult to meet this requirement, except at the corners or along the side-walls of a building. In the latter case the footings cannot project over the building-line into the adjoining lot, and nothing remains but to get the entire spread all on one side, as indicated in Figure 102. As we know that there will be no pressure whatever at the edge b if the load P falls outside of the middle third, and a very great pressure at a (Fig. 85, § 172), it is apparent that a footing of this kind is very unsatisfactory.

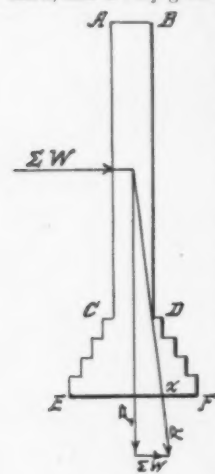


Fig. 104

at A we shall require at B (§ 82)

$$\frac{400,000 \times 4}{15.6} = 102,500 \text{ lbs.};$$

and to counteract the live-load,

$$\frac{196,250 \times 4}{15.6} = 50,400 \text{ lbs.};$$

or a total of 152,900 pounds.

Further, we shall have on the footing F a total dead-load equal to the sum of 400,000 + 102,500, or 502,500 pounds; and a total live-load of 196,250 + 50,400, or 246,650 pounds; making a final total load of 749,150 pounds (§ 83).

Regarding this as the maximum load which the girder will have

¹To save space only the totals are given; they were found in the same manner as the loads on the footing of pier L .

to support, and A and B as the reactions, its moment-of-resistance would have to be (Equation 18)

$$R = \frac{749,150 \times 4 \times 15.6 \times 12}{19.6 \times 16,000} = 1,790''.$$

As it will be quite impossible to build this girder up of I-beams, a riveted one made up of angles and plates would have to be used.

The dead-load on the footing F being 502,500 pounds, an allowance of 10 per cent for its own weight will increase this figure to 552,750 pounds, which, divided by 4,000, requires an area of 138.2 square feet, or 16' (available length) $\times$ 8.6'. A shoe containing a pin is inserted between the girder and bolster beams, to cause the load to be applied directly over the centre of pressure. As in other respects this footing does not differ materially from those previously considered, it will not be necessary to describe it in detail. The girder's upward reaction at column L removes a load of 152,900 pounds from the footing of the latter, which must, therefore, be increased in area to the extent of $152,900 \div 8,000$, or 19.2 square feet. This load by no means disappears, but is transferred to the fulcrum footing F (§ 84).

208. Before closing, let us briefly consider the effect of the wind upon foundations. Let $ABCD$, Figure 104, be the section of a wall, and ΣW the resultant of the wind-pressure against the side AC , applied at the centre of pressure. Combining ΣW with the weight of the wall P gives the resultant R , which cuts the footing-line at the point X . As we already know, the greater the distance of X from the centre-of-gravity of EF the more uneven will the pressure be; the exact amount can be found by means of Equations 28, 29 and 30. The greatest pressure will occur at the edge F . But this increase in pressure occurs only occasionally; therefore, the footings are considered safe and correctly proportioned if it does not approach the ultimate carrying-capacity of the soil too closely; which really amounts to saying that, as far as the footings are concerned, the wind-pressure may be ignored, except in the case of high towers, chimneys and similar structures. O. F. SEMSCH.

[To be continued.]

MY HOUSE.

SKERRYVORE.

Here all is sunny, and when the truant gull
Skims the green level of the lawn, his wing
Dispartles roses; here the house is framed
Of kneaded brick and the plumed mountain pine,
Such clay as artists fashion, and such wood
As the tree-climbing urchin breaks.

My house, I say. But hark to the sunny doves
That make my roof the arena of their loves,
That gyre about the gable all day long
And fill the chimneys with their murmurous song;
Our house, they say; and mine, the cat declares,
And spreads his golden fleece upon the chairs;
And mine, the dog, and rises stiff with wrath
If any alien foot profane the path.

What money, passed from hand to hand,
What creeping custom of the land,
What deed of author or assign,
Can make a house a thing of mine?

ROBERT LOUIS STEVENSON.

LONDON PICTURE-SHOWS.

WHAT a wonderful place London is for picture-exhibitions! Being the gloomiest and darkest city of the world, it shows in a month more works of art requiring light than other cities during a year. At the present time (February) there must be over one thousand pictures on view in the neighborhood of Bond Street alone; and of these, the greater part have been seen before. The mass of magazines and reviews alone keep pace with pictures; and if we passed all our home time in reading the former, and our out-door hours in visiting the picture-galleries, life would not be long enough for the work.

The finest modern picture now on view is, undoubtedly, M. Dag-nau-Bouveret's "Supper at Emmaus." To some people its intrinsic value appears to be its cost. "Excuse me," said a lady-visitor, "but was this picture sold for £40,000?" That was the most interesting fact connected with a great artistic work! and doubtless it will remain so when the picture crosses to your side of the Ocean. All the same, to those who know anything of art, it is a fine, a very fine, work.

Our Lord sits at a table, facing the spectator, with an open door behind Him, showing a vague landscape flooded with light. This radiant sunlight forms an aureole round the Master's person; and although the figure is, apparently, composed of solid flesh and blood, it seems to be permeated by the light, which gives it a transparent appearance. On the right are the painter, his wife and son; on the left two other figures. It is a most striking picture, full of religious feeling and the most refined sentiment; but, unfortunately, it is gotten up in the usual style of single religious-picture exhibitions — a dark room, drapery, electricity and all the rest of it; tricks which may

take with the vulgar public, and not be out of place with such indifferent coloring and clap-trap work as poor Doré gave us, but which are not necessary to enhance the value of such painting as that of M. Dagnau-Bouveret's, who is far too great a man to be thus treated, and whose color is much too beautiful and subtle to be spoiled by electricity.

Munkacsy's "Ecce Homo" is arranged in like manner; but, alas! what an artistic descent is this enormous canvas from the "Christ before Pilate!" Poor Munkacsy! One sees failure of brain-power throughout the work, and one's only wish is that he had been unable to finish it, for it will probably detract from his well-earned and most legitimate reputation.

The Tate gallery is a beautiful building—suitable for pictures and sculpture as regards wall-space, and, above all things, light. The collection is worthy of the architecture and *vice versa*. Two rooms are full of a selection of Mr. Watts's masterpieces; other galleries contain three fine Orchardsons, and some of the Millais omitted from the Royal Academy show, beside a large number of other first-rate works, making altogether a good commencement for a valuable gallery of British art, so long desired by the artistic world.

The Millais Exhibition at Burlington House seems grander each time one sees it. What a marvellous man was this painter! Who else in the history of art has produced such perfect work in such totally different styles?

The gradual development of Millais's work would have been a most interesting study had the Academicians thought more of the student than of the symmetrical appearance of the rooms; for by treating the pictures as mere gallery decoration they have lost a great opportunity—one which can never occur again—in our time, at all events. But we may surely see into the future, and place this great man's work by the side of the masterpieces of Rubens, Velasquez and Rembrandt. They are all in good condition—neither faded nor cracked, simply mellowed; and it is not too much to say that the portraits alone of Mrs. Bishopsham, Nina Lehmann, Mr. Ruskin, the Yeoman, Cardinal Newman, John Bright, and the Velasquez Souvenir will probably be counted, a hundred years hence, as the artistic equals of those of any former school, foreign or British. Millais was not a poet, and of imaginative sentiment he had little or none, but as a sturdy, honest craftsman, thoroughly well versed in all the details and *technique* of his art; with keen insight, and a perfectly sure grasp of the most minute details, he has never been surpassed by the shrewdest of Flemings and Dutchmen, nor equalled by any of his own countrymen. S. BEALE.



THE ENGINEERS' CLUB OF PHILADELPHIA.

AT the business meeting, March 5, 1898, there were about eighty members and visitors present.

Mr. Benjamin Franklin presented a paper on the "Inspection of Buildings." The paper referred to the good that had been accomplished by the Building Law of this city in correcting vicious forms of construction, some of which were illustrated by views thrown upon the screen. These included faulty methods of framing floor-joists to their supporting-beams, by which either the joists or the beams, or both, were rendered liable to fracture. Certain prevalent methods of framing wooden beams were also criticised as adding, in some cases, little or no strength to the beam. In certain old buildings in this city the writer had found that while in the lower floors the joists ran, as usual, across the building, in the upper floor they ran longitudinally, their ends being supported upon intermediate cross-beams. This method was criticised as uneconomical, and as lacking any apparent justification. The writer laid great stress upon the importance of making the foundations abundantly secure, holding that, if this be done, the matter of making the superstructure strong enough will be found relatively easy.

PROF. EDGAR MARBURG said that while it is true, as Mr. Franklin has observed, that our Building Laws have accomplished good results, especially in connection with small buildings, it must be admitted that they are radically defective in certain important respects:—

1. The term "safety-factor" is now practically obsolete and meaningless, if taken with reference to a relation between the allowable stress and the ultimate load, especially with regard to timber and cast-iron. The experiments of Prof. Gaetano Lanza, to which Mr. Franklin has referred, while they were the most valuable made up to that time, have been superseded by the experiments made by the Division of Forestry, United States Department of Agriculture, under the auspices of Prof. J. B. Johnson, in the course of which 40,000 specimens were tested. These experiments showed, in the first place, the extreme unreliability of all previously obtained values, especially where the very important factor of moisture was neglected. They showed also a very wide variation in the strengths of sticks to all appearances perfectly similar, the ratio between maximum and minimum transverse strength varying from 3:1 to 5:1. Sixty per cent of the tests varied more than ten per cent from the mean value, and twenty per cent varied more than twenty-five per cent. Our Building Laws should fix actual allowable unit loads, and leave nothing to the judgment of the designer in this respect.

2. Sufficient provision is not made against the liability of timber to decay, especially in warm and moist situations.

3. Account should be taken of the fact that members in a structure weaken under static loads continuously applied during long periods of time.

4. Where the span of a beam is less than, say, twenty times its depth, the shearing-strength, and not the transverse-strength, of the beam determines its value. This fact is not recognized in our Building Laws.

5. The recent Government experiments have shown so wide a range in the strength of timber, and so great a difficulty in distinguishing the different species of pines, that it would be safer to take lower unit stresses than those allowed by the Building Laws.

The provision that the load of 150 pounds per square foot of floor shall be construed as wholly concentrated is needlessly severe.

MR. FRANKLIN stated that it was usual to consider the 150 pounds per square foot as equally distributed, but admitted that this was contrary to the letter of the law.

MR. JAMES CHRISTIE agreed in general with Professor Marburg. With straight-grained sticks, hemlock might be taken as safe under 900 pounds' fibre-stress; but that timber is so liable to twist that straight-grained sticks are rare, and to specify straight-grained sticks would exclude the timber. He, therefore, thought it better not to use a fibre-stress greater than 750 pounds. Seasoned white or yellow pine, exposed for a week to the weather, will absorb from 5 to 10 per cent of its weight in moisture, losing much of its strength. A lower fibre-stress should, therefore, be used for timber so exposed. Even the most experienced woodmen are unable to distinguish long-leaved from short-leaved yellow pine, except when growing, or by the specific gravity or strength of the wood. White and live oaks are as strong as pines, but the forests have been stripped of them for ship-building, and only the darker oaks are now common. These are one-fourth less strong than the pines. Mr. Fernow's experiments have dispelled the popular illusion to the effect that unbled is stronger than bled timber. Cast-iron is no longer used for beams and columns in first-class work. Like stone, it has practically no elastic limit; it is subject to initial stresses. Cast-iron columns are difficult of inspection, and liable to dangerous and unsuspected variations in thickness. The Building Laws should discourage the use of lime and encourage the use of cement in mortars.

MR. J. T. RICHARDS said that some high tribunal should establish a standard of strength of materials. Equally important with the use of cement in mortar is the selection of good sand. Without this the best cement will not make good mortar. Experience has shown that framed structures are most likely to failure in their connections. Hence the importance of careful attention to these details.

L. F. RONDINELLA, Secretary.

THE T-SQUARE CLUB.

A REGULAR meeting of the T-Square Club was held on Wednesday evening, March 16th. Mr. Louis C. Hickman spoke on the subject of the "Planning of a City Residence" and made some interesting observations on the possibilities of originality in such planning.

The subject for competition for the evening was "The Façade of a City Residence," apropos of which were Mr. Hickman's remarks. First mention was awarded to Horace H. Burrell; Second Mention to Edward Gilbert; and Third Mention to W. C. Scheetz.

A Club Smoker and Special Competition in Decoration was also held on March 2d. First Mention was awarded to Nicola d'Ascenzo; Second Mention to Horace H. Burrell. Mr. Frank Miles Day led the criticism on the drawings submitted and also gave an informal talk on the New Congressional Library at Washington, speaking in an interesting way of the architecture and interior decorations of the building. Yours truly,

GEO. BISPHAM PAGE, Secretary.

SKETCH-CLUB OF NEW YORK.

THE regular monthly meeting of the Sketch-Club of New York was held on Saturday evening, March 12th, at the Club-rooms, No. 3 East 14th Street.

Members and guests present numbered about thirty.

The drawing for the raffle of the water-color of the Lisieux Cathedral resulted in No. 19 winning the picture.

The sale of tickets for this raffle netted \$141, which is to be devoted to the treasury of the Club.

Mr. John Nolan, the author and donor of the picture to the Club, was tendered a vote of thanks for his kindness and generosity.

The sale of sketches at the previous meeting enriched the Club treasury to the extent of \$50.

ARTHUR M. DUNCAN, Recording Secretary.

THE VILLA ACHILLEON, CORFU.—In view of the recklessness of expenditure which characterized the construction of the Empress of Austria's palatial villa, "Achilleon," at Corfu, it is pleasant to learn that she has ceded it at a merely nominal price to the Lord Byron Memorial Society, which is to use it as an orphanage for Greek children as the most fitting memorial of the poet who sacrificed his life to the cause of Greece's independence.—*Exchange*.



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

DETAIL OF MAIN STAIRCASE: CORCORAN ART GALLERY, WASHINGTON, D. C. MR. ERNEST FLAGG, ARCHITECT, NEW YORK, N. Y.

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

STUDIES FOR ST. JOHN'S EPISCOPAL CHURCH, ESSEX, CONN. MR. F. R. COMSTOCK, ARCHITECT, HARTFORD, CONN.

COMPETITIVE DESIGN FOR THE METHODIST CHURCH, NEWTON CENTRE, MASS. MESSRS. WALKER & KIMBALL, ARCHITECTS, BOSTON, MASS.

THE SAME. MESSRS. RAND & TAYLOR, KENDALL & STEARNS, ARCHITECTS, BOSTON, MASS.

THE SAME. MR. H. J. CARLSON, ARCHITECT, BOSTON, MASS.

THESE several designs were submitted in a small limited competition, it being decided in favor of Messrs. Andrews, Jaques & Rantoul.

HOOK-AND-LADDER HOUSE, DETROIT, MICH. MESSRS. JOY & BARCKROFT, ARCHITECTS, DETROIT, MICH.

FIVE architectural firms submitted plans in competition for this building, and this one was adopted by the commissioners as being the most practical and providing for a structure containing all the requirements at such moderate cost that the building will be fully completed to the entire satisfaction of the commissioners for \$500 less than the limit of cost prescribed. The main front, 40 feet in width, will face Mack Avenue, and the building will extend back 70 feet on Sheridan Avenue. It is constructed of brick with cut-stone trimmings, the roof being of petrole tile of Detroit manufacture. The interior finish is entirely of hardwood. The lighting is by electricity and the heating by a combination of hot water and hot-air. The building will be fully completed and ready for occupancy by April 1, and will cost \$8,500.

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

FIREPLACE IN THE DINING-ROOM: SCHLOSS ALTENSTEIN, THURINGIA.

This plate is copied from *Architektonische Rundschau*.

CHAPEL OF THE CHÂTEAU (FORMERLY) OF THE DUKES OF BRITANY, NANTES, FRANCE.

This plate is copied from Baron Taylor's "*Voyages pittoresques*."

[Additional illustrations in the International Edition.]

MAIN STAIRCASE: CORCORAN ART GALLERY, WASHINGTON, D. C. MR. ERNEST FLAGG, ARCHITECT, NEW YORK, N. Y.

[Gelatin Print.]

LIBRARIAN'S ROOM: LIBRARY OF CONGRESS, WASHINGTON, D. C. ARCHITECTS, MESSRS. SMITHMEYER & PELZ; P. J. PELZ; E. P. CASEY.

[Gelatin Print.]

RUUVIGNY MANSIONS, PUTNEY EMBANKMENT, LONDON, ENG. MESSRS. PALGRAVE & CO., ARCHITECTS.

NORTH AISLE OF GLOUCESTER CATHEDRAL, LOOKING WEST.



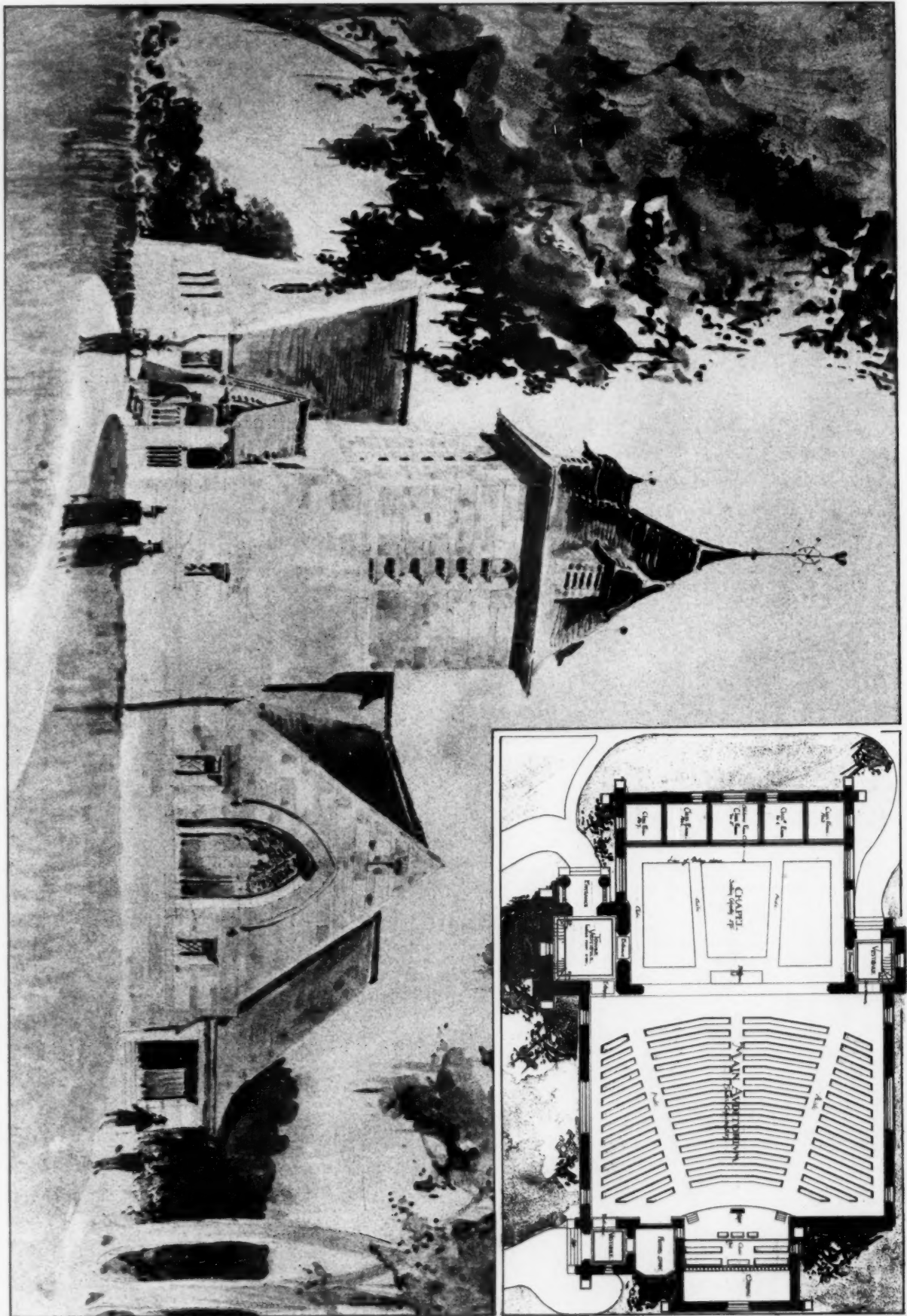
THE SUTRO BATHS. — The seacoast from San Francisco is reached by either one of two steam railways or the Suto Electric Railway, all starting from the suburbs of the city and converging near the celebrated Cliff House, in front of the Seal Rocks. The old Cliff House

was burned on December 24, 1895, but a larger structure was at once built, and is a great resort for tourists and people from the city. North of the Cliff House are the new and extensive Suto Baths. On the top of the hill and overlooking the ocean is Suto Heights, the residence of Adolph Suto, Mayor of San Francisco, but who is most widely known from his connection with the famous Suto tunnel on the Comstock lode in Nevada. The grounds of his establishment are open to the public. On the shore, and close to the Cliff House, are the new Suto Baths, established and built by Mr. Suto, which were opened in March, 1896. The buildings are handsome and spacious, and form a pleasure resort for visitors as well as bathers, there being a museum and other attractions, and cheerful promenades lined with palms and growing plants. The entire building is 490.5 x 254.1 feet, and contains about 600 tons of ironwork in the columns and roof-trusses, 270,000 cubic feet of concrete, 3,500,000 feet of lumber and 100,000 square feet of glass. Provision is made for spectators at aquatic sports and swimming-matches, there being seating-capacity for 3,500 persons in the amphitheatre and 3,500 on the promenade, while the total capacity of the building, including the aisles, etc., is 25,000 persons. There are seven swimming-tanks, as follows: One large tank, 1,409,082 gallons' capacity; four small tanks, 70, 283, 400 and 875 gallons; one medium-size tank, 112,500 gallons, and one fresh-water tank for plunges. There are nine springboards, and seven toboggan slides lined with sheet-brass and having a continuous stream of water running down them. There are 517 private dressing-rooms and nine club-rooms, the total capacity being 1,110 persons; twenty-nine dressing-rooms and all the club-rooms are fitted with shower-baths, and there are sixty-six shower-baths in all. The laundry equipment can handle 20,000 bathing-suits and 40,000 towels per day. The restaurant is on three floors, with an area of 30 x 75 feet on each floor. The water for the baths is taken from the waves or rollers which break on the reef on which the baths are built. A catchwater basin, 75 x 150 feet, was blasted out of the rock, and this receives the water from the waves, which then flows to the receiving-pond, and through a tunnel to the settling-tanks, whence it goes to the various bathing-tanks. With a high sea rolling in, the tanks can all be filled in an hour. A centrifugal pump with a capacity of 6,000 gallons per minute keeps up a constant circulation, and can fill the tanks in from five to six hours. The tanks can all be emptied in an hour, at high or low water, through an outlet of twenty-four inches' diameter, the waste water being led away to a point where it is discharged into a tidal current, so that there is no chance of its being at once taken in again. The water is heated by a system devised by Mr. Suto, using direct steam driven through small tunnels. The temperature is graduated in the different tanks, and in the smaller tanks it can be raised 10 or 20 degrees in a few minutes. The bath buildings are protected on the west by a breakwater lying north and south, 400 feet long, 20 feet deep, 25 feet wide at the top and 75 feet at the base, containing 450,000 cubic feet of rock; another breakwater runs east and west, this latter being 300 feet long and of the same cross-section, containing 300,000 cubic feet of rock. — *Engineering News*.

A NOTABLE CANTILEVER FOUNDATION. — A remarkable building is now in course of erection on a plot of ground on Carr's Lane, Birmingham, which for a quarter of a century has remained unoccupied. Three feet beneath the surface of the ground there runs a tunnel of the Great Western Railway, and as the tunnel could not with safety bear more weight than it now does, all plans for building on the ground have been condemned by the city surveyor and the railway engineer in consultation. By an ingenious device, however, an architect has now prepared plans whereby a three-story building is to be erected on the site. Twenty-five feet of building will have to project over the tunnel, and as no weight is to rest on the tunnel, this has to be erected on huge cantilevers. These cantilevers, six in number, run to a depth of 6 feet, and are estimated to carry weights varying from 100 to 400 tons. The "A" cantilever supports the greatest weight, estimated at 400 tons, and is calculated to support a strain of 875 tons. The "A1" cantilever will support 375 tons of the building, while only 19 feet of it under the building will rest upon a solid foundation. To add to the safety, from this hangs a mass of concrete, 16 feet across by 15 feet high, and weighing 160 tons, suspended by steel bars 22 feet long. The whole thing resembles the weighing of a carcass on a butcher's steelyard. The cantilever acts as the steelyard, the warehouses and the shops are supported at the long ends and the great weight of concrete hangs from the short one, acting as a counterpoise, while the cantilever rests upon a bed of concrete. — *The Architect*.

STONE vs. IRON BRIDGES. — Those who in Boston hope to bring it about that the bridge to replace the present West Boston Bridge connecting that city with Cambridge may take heart of grace, because of the success that has attended a similar effort in London, where, the *Architect* says, "the London County Council have acceded to the public desire by agreeing to the erection of a masonry bridge, instead of one of steel, at Vauxhall. The existing structure is enough to excite prejudice against metallic structures, for it is the ugliest of all the Thames bridges. The new bridge, which Sir Alexander Binnie has designed, will be constructed of granite and concrete. It will have five arches, supported by four piers and suitable abutments. The central span will be 149 feet 9 inches, two intermediate spans 144 feet 6 3/4 inches, and the two land spans 130 feet 6 3/4 inches each in width. The structure will be 700 feet in length, and only 28 feet in height above Trinity high-water mark. In order to break the long line of parapet, the engineer has followed a precedent which has been most successful in a similar bridge over the Rhone at Geneva, by the introduction of columns which will ultimately carry the lamps for the illumination of the roadway and the river. The Bridges Committee believe that the bridge, when completed, will prove one of the handsomest bridges over the Thames. The Parliamentary estimate for the cost is 380,000."

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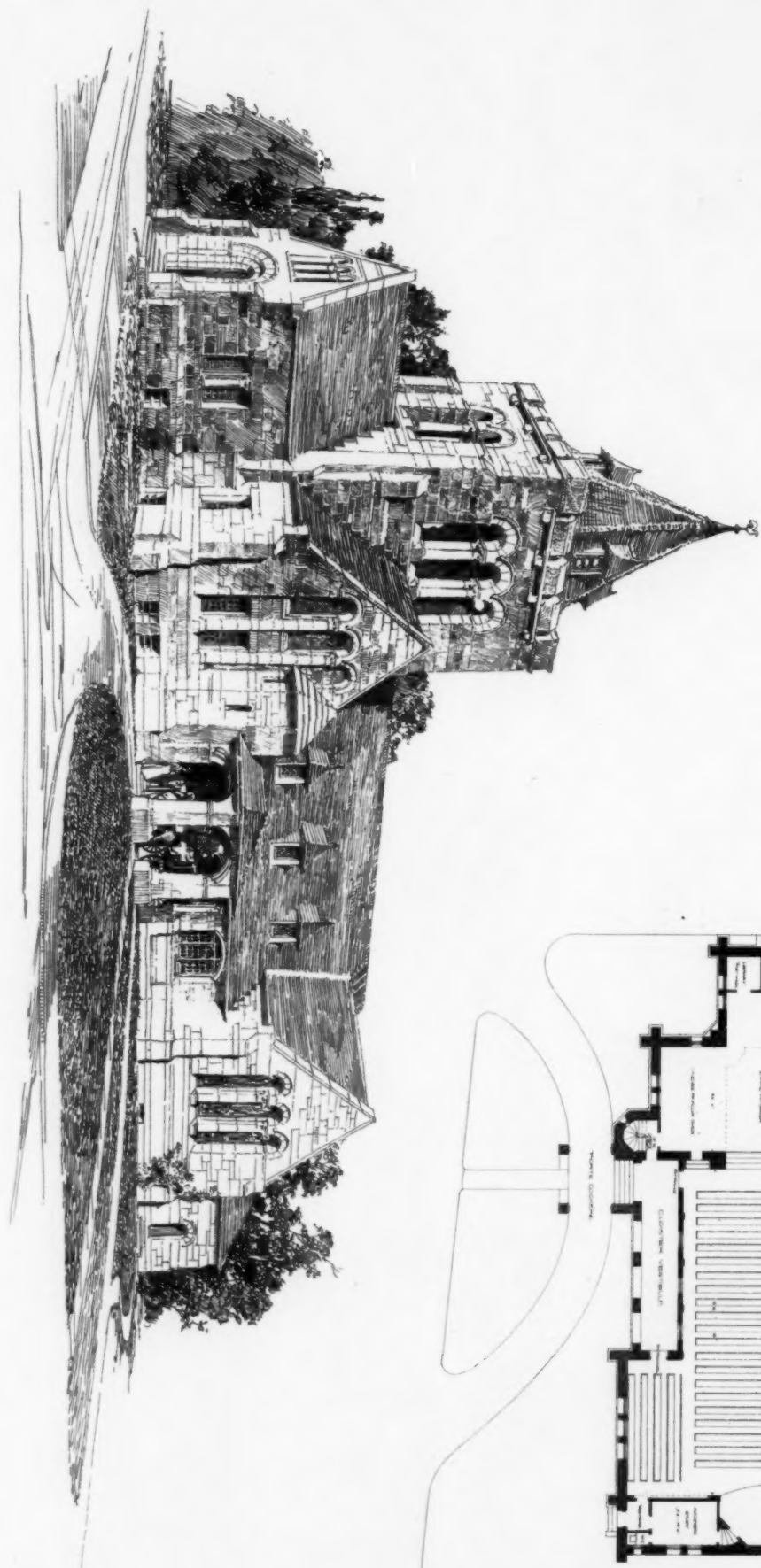
DESIGN FOR THE METHODIST EPISCOPAL CHURCH, NEWTON CENTER, MASS.
H. J. CARLSON, ARCHITECT.

HOOK AND LADDER HOUSE No. 10,
FOR THE DETROIT FIRE COMMISSION.

WM. S. JOY AND F. T. BARCROFT,
Architects and Engineers.

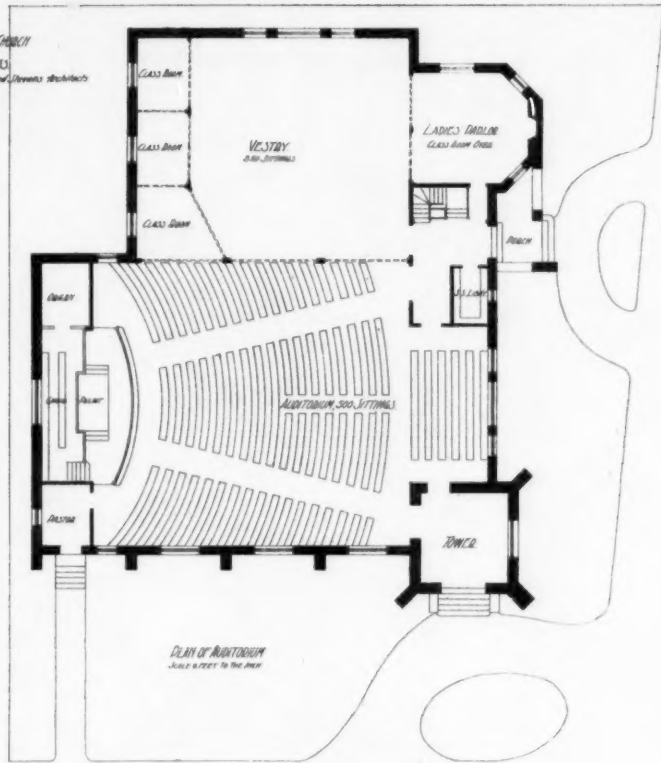


Methodist Church
at Newton Centre
Mass
Walker and Kimball Architects Boston



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PROPOSED METHODIST CHURCH
AT HEWTON CENTRE, MASS.
Rand and Taylor, Architects and
Mendell and Stevens, Architects
1710 Broadway, New York



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• DESIGN "B" •



DESIGN - "C"

STUDIES FOR
EPISCOPAL CHURCH -
SSEX CONN.
OCK ARCHITECT -
CONN.



DESIGN - "D"



THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 187.

SATURDAY, JANUARY 1, 1898.

VOLUME LIX.
No. 1149.

THE MOSAIC TILE COMPANY

HAS solved the problem of producing a tessellated mosaic inburned upon six-inch square tile at a very reasonable cost. The size of the tesserae is so minute that 2,601 are inlaid into each tile, giving thereby a scope of design previously only attained in expensive pieces of Roman mosaic for table-tops, clock-cases, etc., but far too costly for floor or wall decoration. The range of colors is very great. Neither the size of the separate inlays or tesserae, nor the color scale presents any practical barrier to perfect freedom of design, whether purely polychrome ornament or pictorial fresco. The design may be of any magnitude, but for convenience in making and setting the finished product all designs are cut up into tile six inches square, which are laid, in proper position and sequence to carry out the design, in Portland cement mortar, hardening in it to one solid slab.

The material forming the body of the tile and separate inlays of the mosaic face consists entirely of colored clays united by hydraulic pressure and hardened by baking at a heat that will melt granite rock. An excellent measure of the density of such products is their water absorption, the water taken up being directly proportional to their residual porosity. Common floor tile ordinarily take up from five to ten per cent of their weight of water. Mosaic tile do not take up more than two and one-quarter per cent. Great care is exercised, however, not to burn them so that they become absolutely vitreous, but that they have a water absorption of at least one per cent. Practical experience with both vitreous tile and paving brick has demonstrated that vitrification of clay bodies beyond a water absorption of one per cent is at the expense of the natural toughness of the fictile material, which rapidly degenerates, the more glass-like it becomes. Absolutely vitreous tile are readily shattered in the floor by the fall of a heavy object and they are constantly spalling off at the edges through the ordinary use of the floor, soon making it look very unsightly.

The natural toughness of mosaic tile, from the nature of the material employed in their manufacture and the great care exercised in burning, is greatly augmented by a painstaking annealing process peculiar to this ware and not practised by other tile manufacturers.

In addition to all this, the Mosaic Tile Company in its endeavor to produce a strong product has abandoned the thin pattern of tile of English and American makers, adopting the heavy French and German form. Mosaic tile can, therefore, not be broken by the fall of a heavy body nor crushed by the

rolling of heavy furniture or trucks, nor can they work loose in the cement bed, to which, on account of their weight, the form of the back and the character of their material, they adhere with the greatest tenacity. The hardness of the mosaic tile is such that they cannot be scratched with hardened steel, which writes on the tile like a lead pencil. There is, therefore, no possibility of wearing off the mosaic which penetrates the tile to a sufficient depth.

Their great hardness enables the crenellation of the surface of the tile, without danger of its wearing smooth. This surface adds greatly to the comfort of walking on mosaic tile, giving the foot a firm hold and taking away entirely the sense of insecurity which is the common objection to all hard floors heretofore made, particularly those of polished marble mosaic.

While the Mosaic Tile Company executes its product in a large variety of designs suitable for flooring as well as for friezes and entablatures for the façades of buildings, it is prepared and desirous of executing original designs by architects for their work, in order that its mosaics may appear in designs of the best possible taste for the surroundings in which they are to be placed, and therefore invites correspondence. Designs and all information concerning the product are freely given on application.

THE MOSAIC TILE COMPANY,
ZANESVILLE, O.

ROOFING TIN.

THE fact that in the United States of America the manufacture of tin-plate is now flourishing upon its native heath is clearly apparent to every one who is brought into contact with that business. Even the most favored Welsh brands the foreign makers are now endeavoring to remove from their trans-Atlantic domains to Pennsylvania soil, having lost faith in their survival in the old British homes and hoping, because the American plant prospers, their foreign named article made out of American materials by American workmen may again bring them favor and profit.

Just lately a Welsh brand of Roofing Tin well and favorably known, especially in the East, and more particularly in the New England States, and specified by architects there sometimes exclusively, is now being made in Pennsylvania by arrangement between the foreign owners of the brand and American tin-plate manufacturers.

This article, which by many architects, through old associations of names of brands

and habits of specifying, was thought to be the best, is really but a third or fourth grade plate as compared to the best lines of American manufacture. A third or fourth grade article may for a while, on its old name and reputation, secure a price above its worth and an esteem as first class, when it should hardly be estimated as third rate. But time alone seems to be necessary with some to prove to them the mistake of adhering to names as to traditions of the past.

To be direct we will assert — first, the average quality of American tin-plates is higher grade than the average quality of British tin-plates. This applies especially to Roofing Tin, there being no process followed by the Welsh makers which is not better done in America.

Second, the highest class of Roofing Tin deserves a warrant for its lasting quality upon the roof. A mere certificate, verbal or written, that it is made by a certain method or has so many pounds of coating, is not sufficient, — it should be accompanied by a warrant for its lasting quality.

If this warrant is given by a responsible house, the excellence of its manufacture goes without saying.

The first to assume this new and high ground, giving such a warrant in black and white for their "Scott's Extra Coated" guaranteed Roofing Tin, are:

FOLLANSBEE BROTHERS COMPANY,
PITTSBURGH, PA.

OYSTERS AND IRON.

THE Berlin Iron Bridge Company's annual oyster roast is not a thing to write up; it's a thing to see, to hear, to feel, to smell, to taste, to take in with all the senses and wish you had more than five. These roasts had their origin nineteen years ago, when John Towne, the present Maine agent, had become the father of a son. Mr. Towne "set up" roast oysters for the employés on that occasion. Other men connected with the concern followed his example. Then about five years ago the Company took the matter in hand. One day, when they were getting out about 1,000 tons of metal a month, President Charles M. Jarvis said that if they would get out 1,200 tons for that month he would provide an oyster roast for all hands and their families.

So now it's a regular thing to hold it every year and to invite outsiders from over the State, from over New England, from over the United States, and next year Hawaii and China will be included. This year there were present guests from every New England State, New York and New Jersey. From

this State the Common Councils of Hartford, New Britain and Middletown were there, almost to a man, while the municipal governments of New Haven, Meriden, Wallingford and other places could almost claim a quorum present.

The guests were received, on arriving, in the main office-building, which with one other formed the original plant, which has grown till to-day it covers twenty-eight acres. The railroad station of East Berlin, just across the railroad tracks, looks like a sentry-box in comparison with any one of the new buildings. In the president's office hangs a portrait of S. C. Wilcox, the first president and one of the founders of the great concern. Way out there in the country, this is one of the most metropolitan as well as cosmopolitan establishments in the land.

With all its worth, there was something to be had more enjoyable than the roast, and that was the opportunity to look over the plant. It would be confusing to try to describe it. Wandering from one building to another, among the 10,000 tons of material, one saw machines of 1,600-ton pressure, G-shaped affairs of 30-ton pressure for heading rivets, "oil stoves" (or hive-shaped furnaces) for heating rivets, saws that cut iron like cheese, hydraulic hooks with a 5-ton lift, cranes that pick up twenty tons at a time, planes that shave off edges of anything however big, over five acres of stored corrugated iron, tracks overhead and under foot and everywhere in the yards. The plant is lighted by home-made electricity and is run by electricity. There were some 400 employes, by the last census.

The oyster roast was served in the forging building, hot from furnace fires and dumped on long tables. The Berlin Iron Bridge Company Band furnished music. The temple building, where the ingenious patterns are made, had been scrubbed and polished for the dancing.—*Hartford Courant.*

THE D. O. MILLS HOUSE.

WEALTH and philanthropy have developed a building in New York which, in the character of its construction and appointments and the purposes of its use, has no counterpart in the world.

It is a veritable palace in the slums. This structure, known as the D. O. Mills House, is situated on Bleecker Street, covering half a block of ground, and is ten stories above a roomy basement. Except the twelve tenements on the main front, designed to rent for business purposes, the entire structure will be used as a lodging-house for men of the working classes needing temporary shelter at the minimum of cost. It contains an extensive kitchen, restaurant, laundry, library, and other rooms for common use much like those in other hotels and not necessary here to describe.

The principal and most important feature of the enterprise is the effort made to accommodate the lodgers, and the methods adopted to meet their peculiar requirements. The problem was to provide each patron with a separate room with absolute privacy, good light and perfect ventilation, at prices ranging from 15 to 25 cents per day and at the same time insure a fair income from the investment.

The architect had to meet the necessity for the most immaculate cleanliness by using a system which, from its character, would not offer any facilities for the propagation of

disease germs or vermin of any kind. There must not be in the building a crack or opening capable of sheltering an animate object. The rooms and halls must be so arranged as to be rapidly and economically cleaned each day. The entire structure must be absolutely fireproof, and all floors and partitions made to occupy the least possible space while affording undoubted strength.

The architect, Mr. Ernest Flagg, of New York, adopted without hesitation the Expanded Metal System throughout. The floors, under this system, while only 3 inches thick, by the use of cinder concrete with sheets of Expanded Metal imbedded therein, will sustain any weight likely to be imposed. Each floor becomes in effect a continuous and homogeneous slab of artificial stone, impervious to water and unaffected by heat. The partitions of all rooms, constructed of Expanded Metal lath supported by light iron studs and plastered on both sides, make a solid wall proof against fire or water or the conveyance of sound, and only 1½ inches thick. By this complete utilization of space it was possible to get the enormous number of 1,554 separate rooms for sleeping purposes in the space allotted. The D. O. Mills House is a perfect example of the system inaugurated by the Expanded Metal interests, and combines results which could have been attained in no other way.

The practical value of this adoption is shown by the fact that men can be lodged in separate and reasonably commodious apartments and supplied with every accommodation equal in surroundings to the most palatial hotels at the seemingly ridiculous prices stated and yield a profit. The total investment is, in round figures, \$1,000,000, and the annual income will approximate \$100,000, from which deduct the fixed charges and cost of maintenance. The restaurant and laundry are intended to be self-sustaining only.

The Mills Building is a splendid charity based upon the independence of the individual seeking its benefits, and an enduring monument to its projector; but the greatest benefit to come from the enterprise will be the demonstration that the same system of construction is equally applicable to every character of building, and through its general adoption the country may be saved the enormous losses of life and property by fire, and also secure an immunity from disease and death common to the present defective sanitation of houses.

What is Expanded Metal?—Expanded Metal is a material made from sheet-steel, which, by a mechanical process, is cut and simultaneously spread into diamond-shaped meshes of different sizes, with the flat strands at right angles with the plane of the sheet. This peculiar disposition of the metal gives it a very large bearing-surface so distributed that, when imbedded in concrete or mortar, the strength of the combination is enormously enhanced. The use of Expanded Metal in concrete as a binding material multiplies its power of resistance to lateral strains at a rate varying from eight to ten times; and as previous to its invention there was nothing on the market possessing this valuable quality, its introduction opened to architects and engineers an entirely new field of development. *House building by its use has been completely revolutionized.* Architects are enabled to construct light concrete floors occupying little space, but possessing an enormous sustaining power. They make solid plaster partitions equal in stability to a brick wall. They imitate the massiveness of heavy beams, and se-

cure the ornamental features of groined arches, coves, pilasters and other interior effects, having the appearance, as well as the durability, of the most expensive construction, at a cost relatively merely nominal. The same considerations that induced the imbedded use of Expanded Metal in the statuary on the grounds, in the construction of the model war-ship, and on the exterior of many of the principal buildings at the World's Fair, have widely extended its field until it has become invaluable to engineers in building reservoirs, fountains, bridges, sewers and other work where concrete can be advantageously utilized.

EXPANDED METAL CO.

A BIG VENTILATOR.

MESSRS. N. & G. TAYLOR CO., Philadelphia, have lately furnished the largest ventilator we have ever heard of. It has a total diameter of 18 feet over all, the diameter of the neck being 10 feet. It is on the Midland Beach Casino, at Midland Beach, Staten Island. It is the "Pancoast" make, which appears to be giving such great satisfaction throughout the United States. This same make of ventilator was also used on the new Astoria Hotel, New York City.

MESSRS. N. & G. TAYLOR COMPANY,
PHILADELPHIA, PA.

NOTES.

THE Armory at Newburgh, N. Y., is to be enlarged and improved and when completed will be one of the most convenient and complete Company Drill-halls in the State. The Drill-hall is about 80 feet wide and 130 feet long. Among the contemplated improvements is the removing of the present wooden roof and replacing it with a new roof structure. The roof supports will consist of eleven steel trusses. These will be arranged to support the mezzanine floor, where new lockers and equipment cases will be placed, and they will also support the Visitors' Gallery. The new roof when completed will be much lighter and will give the interior of the building a more roomy and substantial appearance. The Berlin Iron Bridge Company, of East Berlin, Conn., have the contract for furnishing and erecting the steel trusses as well as the other ironwork in the building, consisting of steel plates in the rifle-pit, girders in the floor and walls, and other miscellaneous ironwork.

THE recent contracts for the installation of the Webster System of Steam Heating include the following since the last report:—

John Dobson Store, 9th and Market Sts., Philadelphia, Pa.; Lockwood Company, Waterville, Me.; The Tyler Wire Works Co., Cleveland, O.; Factory Building of Thos. Boggs, 2d St. and Allegheny Ave., Philadelphia, Pa.; Snellenburg Building, 12th and Market Sts., Philadelphia, Pa.; J. M. High Building, Atlanta, Ga.; Wilkes Barre Hotel, Wilkes Barre, Pa.; Monticello Hotel, Norfolk, Va.; Adams Express Company Building, Cincinnati, O.; Grand Central Station, New York City.

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

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ILLUSTRATIONS OF THE DECORATIVE
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MENTIONED IN THE ARTICLE

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

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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 188.

SATURDAY, FEBRUARY 5, 1898.

VOLUME LIX.
No. 115.

HINTS ON HOUSE HEATING.

OFTEN the heating of a house with a hot-air furnace is the method employed, and, under proper architectural supervision, it is as good a method as can be devised. However, this method is an expensive one because the conductors or warm-air ducts being large, their exposed radiating surface in the cellar allows fully one-half of the heat to be dissipated before the air is delivered in the room.

Unsatisfactory results are a natural consequence. The cellar, instead of being cool, as it should be, is the most comfortable room in the house. This is particularly true where "portable" heat furnaces are used. A large proportion of the heat generated is discharged into the cellar by immediate radiation from the furnace and warm-air ducts. There is a loss in three important respects: (1) Loss of money. (2) Loss of comfort. (3) Loss of health.

Because the flues and the furnace are uncovered coal is burned to no purpose. It is burned to heat the cellar, while the rooms and halls upstairs are uncomfortably cold. To remedy this, the fires are "pushed" and more coal is burned, the cellar made still hotter and the rooms finally rendered habitable — by burning twice the necessary amount of coal. "Pushing" the furnace burns out the fire-pot and dome, lets gas through the house and entails heavy expense on the owner — not only for extra coal but also for costly repairs by the furnace man.

When the pipes are covered with Magnesia Blocks, however, the heat generated in the furnace is carried up to the living-rooms because of the air being kept hot, while radiation in the walls and partitions is prevented, and a strong, upward draught of warmed air is the result.

A large portion of the coal can be saved if, when the house is built, each recess in the wall is lined with Magnesia Blocks before the riser hot-air ducts are put in. This method of economizing on coal and increasing furnace capacity is open to every coal user who runs a furnace. The ducts in the cellar are available to the cold-air currents — also to the covering man if you will unlock your cellar door and make it "interesting."

The cellar is kept cool when the hot-air ducts are encased in Magnesia Blocks. The furnace itself should be covered with the same material. Heat is generated in the furnace by the burning of coal, and this heat should be delivered into the rooms as fast as it is produced.

Perfect ventilation is secured in this manner, the rooms being constantly flooded with

warm, fresh air. Under these circumstances, the doors can be thrown open throughout the house, a genial, temperate atmosphere pervading all the rooms and halls without a trace of "stiffness." Now with the ordinary heating apparatus this does not take place, because the heat ducts run bare through the cellar and up exposed walls, with no non-conductor intervening between the ducts, the cold cellar air and the brick walls; therefore the current of warm air is sluggish, the heat with which it started out is expended in heating the cellar and "all out doors." Cold rooms are the result.

The problem of house ventilation is solved by throwing into the rooms large volumes of comfortably warm air. To do this requires only a cold-air intake and Magnesia insulated furnace and hot-air ducts. Furthermore, a large amount of coal will be saved by this method, as it will not be necessary to burn so much in order to warm the rooms, and the physical comfort which attends perfect ventilation can be secured in any furnace-heated house.

With warmed, fresh air, made practicable by Magnesia-covered ducts, the house is properly ventilated, and the greatest comfort is secured at the lowest cost for coal, the least attention to the furnace and the smallest bills for repairs.

Houses heated by steam are not always comfortably warm, and sometimes are uncomfortably cold. The source of trouble is generally found in the condition of the heating apparatus below stairs. If the pipes and boiler are uncovered fully 50 per cent of the energy created is lost through radiation in the cellar, consequently the latter room is warm, to the exclusion of the balance of the house. Radiators are often cold because of this loss, and to make them fulfil their duties an excess of steam must be made, heating the cellar still further, and putting the atmosphere of the house into a constant state of fluctuation, viz: first too cold and then too hot. Most of this annoyance and much fuel will be saved by seeing that the steam-pipes and boiler in the cellar are properly covered.

Cover steam-pipes with Magnesia, and thus reduce the steam-pressure and coal bills, and liberate the heat in the living-rooms, where you want it, and not in the cellar, in partitions or under floors. The temperature is thus kept under control, the steam is kept up at a low pressure, comfortable warmth pervades the atmosphere of the rooms, less coal is consumed and great economy effected.

Hot-water pipes and boilers used for heating should be covered just as thoroughly as

steam-pipes, and the same results in economy and comfort can be obtained. Hot-water boilers when covered with Magnesia Blocks heat the water very much more quickly, keep it hotter, and longer after the fire in the range is out. In connection with the boiler, the hot-water service-pipes should be covered in with Magnesia Pipe-covering, for of what use is it to heat the water and then allow it to cool on its way to the faucet? By this method you can get water in an upper-story bathroom or basin as hot as it is in the kitchen.

The actual savings in fuel from covering hot-air ducts and furnace, or steam-pipe and boiler amounts to from 15 to 25 per cent of the coal used. Cold-water service-pipes, if covered, will not sweat in summer and drip on cellar floor, or in kitchen and laundry.

What it is. — Magnesia Sectional Covering is composed of 85 per cent Carbonate of Magnesium mixed with Asbestos Fibre, which is used as a bond. It is moulded in sections to fit all sizes of pipes and fittings, and is enclosed in a neat jacket of canvas. The sections are secured by japanned iron bands bound around them. The pipes when covered are not unsightly, but are white and clean, and add to the neatness of a well-kept cellar, and are not out of place in any room on riser-pipes.

The Blocks are of the same material made up into slabs 3" x 18" and 6" x 36", and are of any required thickness. They are applied to boilers, furnaces and other large surfaces, including hot-air ducts.

This Magnesium Carbonate is a very light, porous substance, and is yet very firm in its structure. It is full of air, there being in it only 7 per cent matter by volume. The air is present in entrapped cells and affords an effectual baffle to the passage of heat by conduction.

The covering is so light that it in no way overloads any vessel or pipe to which it is applied. In this lightness lies its value as a non-conductor. It is withal so firm as to withstand hard usage, and, being fireproof, cannot be burned; it is permanent as to durability. Estimates, reports of tests, or any additional information desired, will be cheerfully furnished upon application, and in person if requested.

ROBERT A. KEASBEY,
54 WARREN ST., NEW YORK.

THE Globe Ventilator Co., of Troy, N. Y., is busier than usual. Amongst large ventilators recently constructed by them may be cited the three forty-inch copper ventilators

for the Henry McCadden Memorial Building in Brooklyn, and two sixty-inch ventilators for the High School at Tarrytown, N. Y.

A FAREWELL DINNER.

It having been decided to remove the accounting department of Westinghouse, Church, Kerr & Co. from their New York to their Pittsburgh office, and as this necessitated the change of residence, from the East to the West, of those who are in charge of this department, the engineering force of the Company tendered a farewell dinner to Messrs. Warren L. Murray and Gardner W. Kimball on the eve of their departure on January 5th. The affair was held in one of the private dining-rooms of Mouquin's Fulton Street Restaurant, and was planned as a surprise for both guests, proving a most enjoyable affair in all respects. Plates were set for twenty-two, there being but a single absentee, who was out of town.

The bill-of-fare had been devised by several of the brightest members of the engineering force, who substituted mechanical for the usual French terms, to the amusement, and, in some cases, to the consternation, of their brother engineers.

After the dinner had gotten well under way, Mr. Williams, as toastmaster, allowed no individual to escape and there were, by consequence, twenty-one responses in regular order, beside several which were interpolated.

Mr. Murray has been in the employ of Westinghouse, Church, Kerr & Co. for fifteen years and Mr. Kimball nearly as long, and the New York office felt great regret at their leaving the East at the call of duty. A number of presentations were made to the two departing guests as tokens of esteem from their fellow-employees.

WESTINGHOUSE, CHURCH, KERR & CO.,
NEW YORK.

SOMETHING ABOUT CLEAN HOT WATER.

In specifying kitchen-range boilers the architect will consult the best interest of his client if he specifies the best that the market affords rather than the ordinary grade of goods. At its best, the galvanized-iron boiler, so commonly used, is imperfect, and cannot help but be so because the action of the hot water on the zinc coating of the inside of the boiler soon corrodes it, and a layer of rust forms, gradually eating its way deeper and deeper into the metal. This rust-coat forms a lodging-place for any filth and sediment contained in the water, and the kitchen boiler gradually becomes foul, with no adequate means provided for cleaning it, hence it is impossible to obtain really clean hot water. This might not matter so much were it not for the unfortunate habit of too many servant-girls of drawing the water from the hot-water spigot to fill the kettle, in order to save time getting the morning's meal. Clean water, whether hot or cold, is one of the most essential items of household economy. It may be secured by specifying "Brown Brothers' Cold Drawn Seamless Copper House Range Boilers." Copper does not corrode by the action of water, and, in addition, these boilers are tin lined inside, so that they always present a clean, bright surface, which is kept scoured by the action of the moving water in the boiler. Not only is clean hot water possible, but there are many other advantages connected with the Brown boilers. The feature which will commend itself particularly to one's client is the fact that, being formed of

two pieces united under hydraulic pressure, there are neither rivets to start nor seams to open, hence there can be no possibility of leaks, with the consequent annoyance of plumbers' visits—and bills. Stiffened inside by a spiral rib, they will stand a working-pressure of 150 pounds to the square inch for the ordinary weight, and 200 pounds for the extra heavy weight, and are guaranteed not to collapse. The architect who specifies the Brown boiler will feel assured that he is sparing his client from future annoyance as well as constant expense.

RANDOLPH & CLOWES,
WATERBURY, CONN.

HOLLOW-TILE ARCH TEST.

NEW YORK, N. Y., November 26, 1897.

MR. H. M. KEASBEY, PRESIDENT CENTRAL FIREPROOFING CO.:—

Dear Sir,—As requested by you, I examined the hollow-tile arch of the "Excelsior" pattern, built on the lot of ground located on the northeast corner of 68th Street and Avenue A, New York City.

My examination was made both before and after the fire-test which took place on November 19th, and I herewith report the following in reference thereto:—

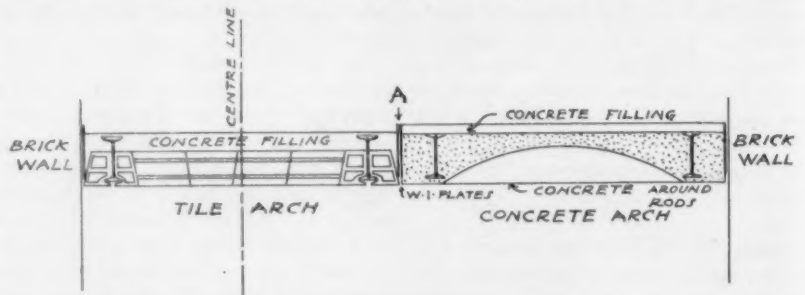
On October 19th, when I made my first inspection, the hollow-tile arch had been built, and as no concrete had then been put on top

that the arch failed because it was improperly built, having the key off the centre, being constructed of different patterns, and because the cement was not of the best. And also because when the concrete arch and concrete beams formed by boxing the tie-rods became hot they expanded and caused a movement in the joints of the tile arch by a lateral thrust. This weakened the arch sufficiently to allow the weight which was on top to act upon the second arch block (from the right) causing it to slide and break the arch. This could all the more readily happen as the style of arch employed was an end construction of a pattern that had very little bearing surface at the joints of the arch, and very little or no side-bond, and also because the concrete filling was very poor; so that, if only one key or arch block gave way and let down its load, the rest would follow, particularly with a load of cobble-stones such as was on this arch. Respectfully submitted,

JULIUS FRANKE,
725 BROADWAY, NEW YORK, N. Y.

PRESERVATION OF IRON FROM RUST.

In these days of sky-scrapers the preservation of iron and steel from rust becomes a matter of serious concern to the architect. Calculations as to the amount of weight which



Construction of Hollow-tile and Concrete Arches tested Nov. 19, 1897, corner 68th St. and Ave. A, New York City.

of the same, I noticed that the key of the arch was not in the centre, that tiles of different patterns, not made to be built into the same arch, were used, and that some of the cement mortar which I took off the top was very poor, the same crumbling between my fingers.

I found that the concrete arch, which had been built alongside of the tile arch, as per drawing attached hereto, was so placed that if the space, about one-fourth of an inch, between the plates, marked "A" on the drawing, were filled up, the expansion of the concrete arch, which could be caused by fire, would deflect the beams, causing a lateral thrust along the top of the hollow-tile arch. This would cause damage to the latter, particularly as its key was not in the centre.

After the fire test I examined the arch again and found that the middle third, including the skew-backs, had fallen, and that the two-thirds remaining had joints open at the bottom, but that most of the mortar with which the bottom of the tiles had been plastered had remained on the tiles, and that the space between the plates marked "A" on the drawing had some cement or mortar in the same. I also found that the concrete filling on top of the arch was very poor, not being strong enough to resist any strains.

The fact that the mortar remained, and also that the sides of the kiln or oven were damaged very little, showed that the damage done to the arch by fire must have been very slight. I therefore came to the conclusion

the various component parts of the structural skeleton will bear are made to a nicety, and the dimensions of the beams, girders, columns, and other pieces of ironwork, are finished accordingly. But there is an insidious enemy to iron which is liable at any time to attack it and deprive it of its structural strength. Where ironwork is exposed to the eye we may detect the presence of rust, but when it is buried behind brick and terra-cotta, in the walls of a building, it is impossible to determine its condition. Too much reliance, in the past, has been placed upon paint as a preservative for iron. The efficacy of paint for this purpose depends upon its covering the surface of iron with an air-tight and moisture-proof skin. A series of exhaustive experiments made by Dr. Charles B. Dudley, chief chemist of the Pennsylvania Railroad Co., have proved conclusively that the skin formed by the drying of linseed-oil is permeable to moisture, hence no linseed-oil paint will perfectly protect iron from rust, due to moisture and acid gases, which work their way through the coating of paint and attack the iron underneath. It sometimes happens that the paint itself is in perfect condition, while rust is actively going on underneath. These facts, which have been generally understood only within the past few years, have caused paint and varnish manufacturers and chemists to investigate this subject very closely. It has been ascertained that the pigment has little to do with the value of a paint for preserving structural iron; whether it be red

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HARLEM RIVER.

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Company,

143 LIBERTY STREET,
NEW YORK.

lead, graphite or what-not. So long as linseed-oil forms the vehicle the paint is pervious to moisture, and rusting may go on beneath it. Bearing this in mind, the well-known varnish manufacturers, Edward Smith & Co., 45 Broadway, New York, have, after a long series of experiments, put on the market a varnish, which they term "Durable Metal Coating," intended for use on structural iron and steel. This material gives an almost perfectly gas and moisture tight skin, which experience has shown is sufficient protection to the iron to prevent rust from going on. It has already been used on a number of bridges and train-shed roofs that are subjected to the destructive gases from locomotive smoke-stacks, and in every case with the best possible results. Besides this it has been used on the steel frames of many of the newer tall buildings in New York City and elsewhere. To those who are interested in this subject the manufacturers are sending out a pamphlet containing a number of papers read by numerous engineering societies, treating of the subject of the preservation of iron, which it is well worth while for any architect to write for.

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

STAIR PROTECTION.

No building improvement has made more rapid advance in public favor in recent years than the Mason Safety Tread, a device which, though introduced in this country but little more than two years ago, has won its way to being the acknowledged standard for stair covering wherever the traffic is large and constant. Notable instances of its use are the twenty stairways of the Brooklyn Bridge, the Subway Stations in Boston, and the public buildings and department-stores of Boston and other large cities.

It is composed entirely of metal, lead and steel, being so ingeniously combined as to justify the claim of its being non-slipping and practically unwearable. A very large proportion of the buildings now in process of erection in Boston have Mason Safety Tread specified by the architects, and scores of badly worn stairways are satisfactorily repaired with this covering. The Mason Side-walk Light does away with knobs or pegs, and presents a perfectly even surface which is secure against the danger of slipping, even on an incline and in wet, frosty, or snowy weather. Descriptive pamphlet, blue print and references on application.

AMERICAN MASON SAFETY TREAD CO.,
40 WATER ST., BOSTON, MASS.

NOTES.

In 1893 it was a case of business paralysis, in 1894 we had a year of debility, in 1895 the patient partially revived, in 1896 came a relapse, but in 1897 came recovery and the patient took up his bed and walked. The great medicine man was dollar wheat and thirty-cent corn, plus poor harvests at this exigency abroad.

I saw it myself, for in November I visited Indianapolis, Cincinnati, Chicago, Omaha, Denver, Kansas City, Pueblo and St. Louis, and saw every one up to his eyes in new business. The consumer at last had money once more, and was spending it.

The industrial triumphs of 1897 are important. In this year the business cloud passed away and another era of prosperity, hopefully of long duration, opened. Export trade was larger in the fruits of the harvest, and particularly in manufactured goods, than in the history of the country. Americans are competing in every market. American motors won the order in London. On a bridge in Holland an American firm was the lowest bidder. American steel rails go regularly to China, Japan and India. A movement is on foot to have the English Parliament pass a law changing the stamp on goods not made in England, stamped "Abroad" instead of the name of the country where they are made. This is an effort on the part of the English law-makers to obscure the origin of these goods.

For the Dixon Company personally, we have shared in the general prosperity. The year has been an agreeable one, the future looks rosy to those who have eyes to see. Perhaps the outlook was never more inviting. Never were there so many roads open to wealth to those who know how to find them.

Yours truly,

JOHN A. WALKER, Vice-President.
JOSEPH DIXON CRUCIBLE CO.,
JERSEY CITY, N. Y.

A NOVEL object-lesson in the composition of Pipe and Boiler Covering is afforded to architects by the Keasbey & Mattison Co., Ambler, Pa., Robert A. Keasbey, 54 Warren Street, New York, Selling Agent, who are distributing neat boxes containing samples of the crude materials used in the manufacture of their well-known Magnesia Sectional Covering, the sizes of the sample packages indicating the proportion of each ingredient employed, i. e., approximately 85 per cent carbonate of magnesia, and the balance of asbestos fibre. By placing the sample of

magnesia on a heated surface, and allowing it to remain there for some length of time, one can readily demonstrate the remarkable non-heat-conducting qualities of that material. Although the "K. & M." Magnesia Covering has been on the market for over eleven years, and its superior merits as a lasting non-heat-conductor are firmly established, such a course on the part of the Keasbey & Mattison Co. has been rendered necessary from the fact that certain pipe and boiler coverings have been put upon the market within a few years past composed almost entirely of plaster-of-Paris, but foisted upon the public under the term "Magnesia" Coverings, when containing so little Magnesia as to make its presence hardly perceptible.

A sample box as herein described, with a treatise on the subject of pipe and boiler insulation, containing analyses of the genuine Magnesia Covering, and of the fraudulent misnomers above referred to, will be gladly furnished, upon application, to inquirers from New York State and Eastern New Jersey by
ROBERT A. KEASBEY,
54 WARREN ST., NEW YORK, N. Y.

and from elsewhere by the

KEASBEY & MATTISON CO.,
AMBLER, PA.

AMONG the extensive improvements now being made by the Benjamin Atha & Illingworth Co., at Harrison, N. J., is a new steel building known as the Tower Building. This building is 30 feet square and about 40 feet high. Thirty-five feet above the ground is a circular trolley track carried by the roof-trusses. The framework of the building is of steel throughout, and the siding and roofing of corrugated-iron. The complete contract for furnishing and erecting this building has been given to the

BERLIN IRON BRIDGE CO.,
EAST BERLIN, CONN.

THE end and the beginning of the year make the old calendar useless and bring necessity for the new one. The time has come to select the daily companion for 1898. There are numerous styles and sizes from which to choose. Our choice, as usual, is the business-like calendar which is issued each year by the well-known advertising agency N. W. Ayer & Son, Philadelphia, Pa. This is handsome enough for the modern, well-furnished office or library and equally desirable among more modest surroundings. The large, clear figures are distinctly visible across the room, which, together with its other attractive features, makes it a general favorite. As usual, the firm's familiar motto, "Keeping Everlastingly

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

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

"At It Brings Success," is constantly in sight, encouraging daily endeavor. Each of the flaps contains terse, thoughtful and helpful suggestions for business men. It is not surprising that the popularity of this calendar has led in recent years to doubling the former edition. Its price (25 cents) includes delivery to any address.

Of all the calendars that have reached us this year the one which is perhaps most likely to find a place on an architect's office wall is that of L. Haberstroh & Son, of Boston. It is decorative in itself and keeps one constantly reminded of the possibilities of the plastic decoration that this firm sometimes uses.

ANOTHER good calender is that of Frank B. Gilbreth, of Boston, who gets out a tidal calendar, taking his cue from the fact that he makes a specialty of making waterproof cellars. The caption, "High tides make wet cellars; I make them dry," is a taking one.

It may be recalled that, at the time of his death, Olin L. Warner had finished only one of the two sets of bronze doors for the Library of Congress, which had been entrusted to him for execution, although he had made some of the studies for the second pair. His unfinished work was in this instance entrusted to Mr. Herbert B. Adams for completion, and it is only within a few weeks that the casting of these doors was successfully accomplished, in New York, by the well-known metal worker, John Williams, 544 West 27th Street.

As we have already published illustrations of two out of three of the bronze doors for the Library at Congress, we presume that we shall later publish an illustration of equivalent worth showing how Mr. Adams has fulfilled his trust.

For some time the Superintendent of the United States Botanical Gardens has been seeking to secure a proper paint to use on the steam-pipes throughout their various hot-houses, one that would stand the heat and not be affected by the moisture on the pipes, and at the same time would not give off any fumes that would be injurious to their various plants. After testing Dixon's Silica-Graphite Paint for one year it was found to be admirably adapted for this work, and gave such perfect satisfaction that they have purchased and intend to use it in the future on all pipes throughout their various conservatories.

THE Berlin Iron Bridge Company, of East

Berlin, Conn., have a contract for a new draw-bridge over the South Shrewsbury River, in Monmouth County, N. J. This bridge is to be 180 feet in length and 40 feet wide. The Berlin Company have the contract for both the substructure and superstructure.

SOUND PROOFING.

THE subject of sound proofing has not received the attention of architects that it deserves. This apparent neglect is partly due to the fact that the methods usually employed do not give satisfactory results.

Where the usual double floor is laid with paper between, it is evident that the paper is the only barrier against the sound wave passing through, and as it is an imperfect barrier, the sound is continually passing through the entire surface of the floor.

One of the best methods thus far discovered is to hang the ceilings on a separate set of beams, so that the sound passing from the floor into the beams supporting it is lost in the vacant space beneath. This method is seldom used on account of the expense attached to it.

Another method is that of using mortar between beams, and is gradually being discarded on account of its weight, and the necessity of applying it wet, thereby delaying the laying of the finishing floor.

By combining the first-named method, of double floor with paper to break the wood contact, and the last named, so that the sound that is passing through the floor is absorbed by the filling, we secure better results at a trifling increased cost.

As the mortar is at times objected to on the score of its weight (averaging 100 pounds per cubic foot) and its moisture, that has a tendency to dampen the wood, the use of Mineral Wool is becoming quite general, as its weight is only about 12 pounds per cubic foot, and it is applied dry and does not retard the work in any way, its cost being the same as good mortar.

The underlying principles in above methods is that a dead or quiet air-cell is the best non-conductor of sound if the material creating it (the cell) is not a good conductor itself.

In the first method, the cells are in the paper, and are not numerous enough to produce good results. The wood itself conveys sound readily along its fibres.

In the second method, the sound is partly lost, as it were, through the entire space left open, and is thereby reduced to a minimum which passes through the ceiling below.

In the third method, nearly all the sound that passes through the double floor with the

paper lining is absorbed by the mortar or Mineral Wool, and this appears to be the nearest solution of the problem at the present time.

As the matter is demanding more consideration to enable tenants to live in moderate peace in flat-houses and hotels, it deserves more attention than it has received.

U. S. MINERAL WOOL CO.
2 CORTLANDT ST., NEW YORK, N. Y.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News

HOUSES.

Boston, Mass.—Columbus Ave., Nos. 1040-42, Ward 18, 2 three-st'y bk. dwells. & stores, 23' x 69', flat roofs, stores; \$13,000; o., Henrietta Goldsmith; b., Simon Goldsmith, 28 Ruggles St.

Somerville, Mass.—Central St., 2½-st'y fr. dwell., 34' x 37', pitch roof, furnace; \$4,000; o., R. V. Joyce, Quincy St.; a., J. J. Cunningham, Boston.

Summer and Central Sts., two-st'y fr. dwell., 39' x 41', pitch roof, hot water; \$5,200; o., Isaac Sexton; b., J. S. Rich.

Winthrop, Mass.—Washington Ave., 2½-st'y fr. dwell., 32' x 42', shingle roof, hot water; \$5,000; o., Edward A. Buss, 85 Water St., Boston; a., Willard M. Bacon, Boston.

STABLES.

Boston, Mass.—Dent St., nr. Jordan St., Ward 23, 1½-st'y fr. stable, 24' x 30'; \$600; o., W. E. Turner; b., G. L. Morrison.

MERCANTILE BUILDINGS.

Boston, Mass.—Chauncey and Bedford Sts. and Aron Pl., eight-st'y bk. block, 69' x 110' x 120', flat roof, steam; \$200,000; o., Francis Estate; a., G. A. Fuller & Co., Brazier Building; a., Winslow & Wetherell.

Worcester, Mass.—Foster St., five-st'y bk. block, 79' x 145'; \$100,000; o., A. S. Lowell; c., Cutting, Bardwell & Co.; a., Earle & Fisher.

New Haven, Conn.—Chapel St., six-st'y bk. & iron business block, 24' x 137', comp. roof, steam; \$30,000; o., Mendel & Freedman; a., Brown & Von Beren; not let.

OFFICE-BUILDINGS.

Boston, Mass.—Richmond St., Nos. 105-126, Ward 6, 4 st'y bk. building for hall & offices, 38' x 40' x 74', flat roof, steam heat; \$40,000; o., Rosenbaum Bros.; a., Chas. E. Park.

South Bend, Ind.—S. Michigan St., nr. Wayne St., three-st'y & base. bk. store & office-building, 66' x 70'; o., Mrs. Martha Inwood; a., Parker & Austin; not let.

THEATRES AND HALLS.

West New Brighton, L. I., N. Y.—Fr. building, 60' x 125', for an opera-house; \$25,000; o., Staten Island Opera-house Co.; a., E. G. Gollner, 150 Nassau St., New York City.

TENEMENT-HOUSES.

New York, N. Y.—E. Ninth St., No. 717, five-st'y bk., st. & terra-cotta store & flats, 28' x 88'; \$25,000; o. & b., Irving Bachrach, 375 Grand St.; a., Geo. F. Pelham.

WAREHOUSES.

Boston, Mass.—Summer St., nr. Congress St., Ward 13, 2 nine-st'y bk. warehouses, 76' x 116' & 68' x 132', flat roofs; \$250,000; o., Boston Wharf Co.; a., Morton D. Safford, 274 A St., S. Boston.

New York, N. Y.—Norfolk St., No. 61, six-st'y bk. & st. store & loft building, 25' x 45'; \$15,000; o. & b., Leon Pizer, 160 E. 72d St.; a., George F. Pelham.

York St., Nos. 5-7, and Leight St., No. 7, six-st'y bk. & st. warehouse, 21' x 42' x 175'; o. & b., John F. Scannell, 12 E. 130th St.

MISCELLANEOUS.

Newark, N. J.—Clinton Ave. and Osborn Terrace, three-st'y bk. & st. Orphan Asylum, 60' x 44' x 25' x 86'; \$30,000; o., Hebrew Orphan Asylum Association, Bernard Strauss, president; a., J. H. & W. C. Ely.

St. Louis, Mo.—Gratiot St., n. s. bet. 13th & 14th Sts., one-st'y bk. wagon shed; \$5,000; o., Waters Pierce Oil Co.

Versailles, N. Y.—Three-st'y bk. & terra-cotta asylum, 50' x 80'; o., New York State; a., Barney & Chapman, 1286 Broadway, New York City.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 189.

SATURDAY, FEBRUARY 12, 1898.

VOLUME LIX.
No. 1135.

AN INTERESTING COMPETITION.

THE American Luxfer Prism Company desires from the architects of America competitive designs setting forth in a definite and comprehensive manner new possibilities in the use of "Luxfer Prisms" as a building material, considered from the standpoint of the owner's interest, as well as that of good modern architecture. The nature of these designs should be both practical and artistic, and will be judged on that basis.

For designs submitted in accordance with the foregoing the following awards are offered:—

For the design of greatest merit.....	\$2,000
" " " second in merit.....	1,000
" " " third " ".....	500
" " " fourth " ".....	300
" " " fifth " ".....	200
" " ten designs next in point of merit each.....	100

No limitations are imposed as to the size or character of drawing to be submitted. The designs awarded prizes are to become the property of the company without further compensation to the designer. All rights to any patentable features shall be transferred to the company upon the payment to the designer of fifty dollars for each patent secured.

The "Luxfer Prism Handbook" contains a general survey of the work which has been done up to the present time, together with the scientific information necessary to a thorough understanding of the subject. All designs considered will be those which are accompanied by practical prescriptions for the proper use of the particular kind and quantity of prisms contemplated by the designer, and in accordance with the tables and data furnished in this book.

The accompanying studies are suggestions for the use of Luxfer Prisms in connection with the steel frame of commercial buildings. No design or specification comprehended therein or in the handbook will be adjudged new.

The awards will be made March 21, 1898, by a jury of well-known architects and experts, the names of whom will be announced later.

Drawings must be received at the general offices of the American Luxfer Prism Company, The Rookery, Chicago, not later than March 15, 1898, and shall bear no mark of identification whatever. A separate, sealed inclosure containing the name and address of the competitor must be attached to the drawing, to be opened after the award is made. The marks of identification will be made by the jury.

Study for Luxfer Prism building. — Design No. 1. [See page 2.]

This suggestion is based upon a story-height of eleven feet, and a divisional unit of eleven feet in plan. No attempt at structural elaboration has been made, but the steel frame is quietly and consistently covered with terracotta. The openings are simply covered with rich screens of Luxfer Iridian Prisms set in slightly projecting frames of ornamental iron. In general surface and effect these are similar to the forilux installed in the second story of the Home Insurance Building, of Chicago, the offices of Armour & Co., and the Union National Bank. Openings with movable iron frames for ventilation and filled with plate-glass are introduced in the middle of this richly bordered surface of prisms. The wall surfaces are preserved and enriched by this treatment, as the Luxfer Iridian plates are as solid and substantial in appearance as the wall itself. The openings in the centre of the plate which are here shown, about four feet square, are protected by a light canopy filled with prisms which permits a view of the street, and further increases the light. The structural members in the first and second story are screened by the prism surfaces which are carried in front of them. The plate-glass is retained in the lower part of the first story for show-window purposes, and for the same reason a plate-glass centre is inserted in the second story forilux, also covered by a canopy.

Study for Luxfer Prism building. — Design No. 2. [See page 3.]

This suggestion is in the nature of an emphasis of the vertical members of the steel frame, knit together at the top and at the bottom. The usual attempt at florid "topping out" has been dispensed with, and a simple rich frame of terra-cotta completes the structure within itself. The upper portion of each bay is filled with a surface of Luxfer Iridian Prisms. The lower portion, which is shaded dark, is filled with plate-glass. This treatment provides a continuous frieze of Luxfer Prisms in the upper part of each story. The first and second stories are provided with canopies swung from the top of ornate posts or columns beginning at the second-floor level. These columns also carry electric-lights. The entire surface of the first and second story fronts underneath the canopies is of plate-glass, showing the structural members behind.

NOTES.

THE American Coffee Company, of Brooklyn, N. Y., are erecting a new power-house in connection with their plant, which is about 70

feet wide and 120 feet long. The power-house and boiler-house have brick side-wall construction and steel supports and roofing. Adjoining the boiler-house is a coal-bunker about 20 feet wide, which carries the supply of coal in a steel bin about 30 feet above the ground. The whole plant has been designed with convenience and economy in view, and when completed will be a complete plant which can be economically operated. The contract for furnishing and erecting the steel framework of the building has been let to the Berlin Iron Bridge Company.

FRANK L. DAVIS, having retired from the management of the Western office of the Evans Marble Company, announces that he will now devote his entire attention to his Mosaic business, continuing to occupy the offices at 302 Michigan Ave., Chicago.

PAINTING THE ROOF.

IN the very sensible little hand-book called "How a Tin Roof should be laid and painted" Messrs. Merchant & Co., of Philadelphia, give these simple instructions as to the proper way to preserve a tin roof after it is once well laid:

The best paint for the purpose is composed of:—

7 pounds of the best metallic paint, dry,
1 gallon pure linseed-oil (1-2 boiled and 1-2 raw).

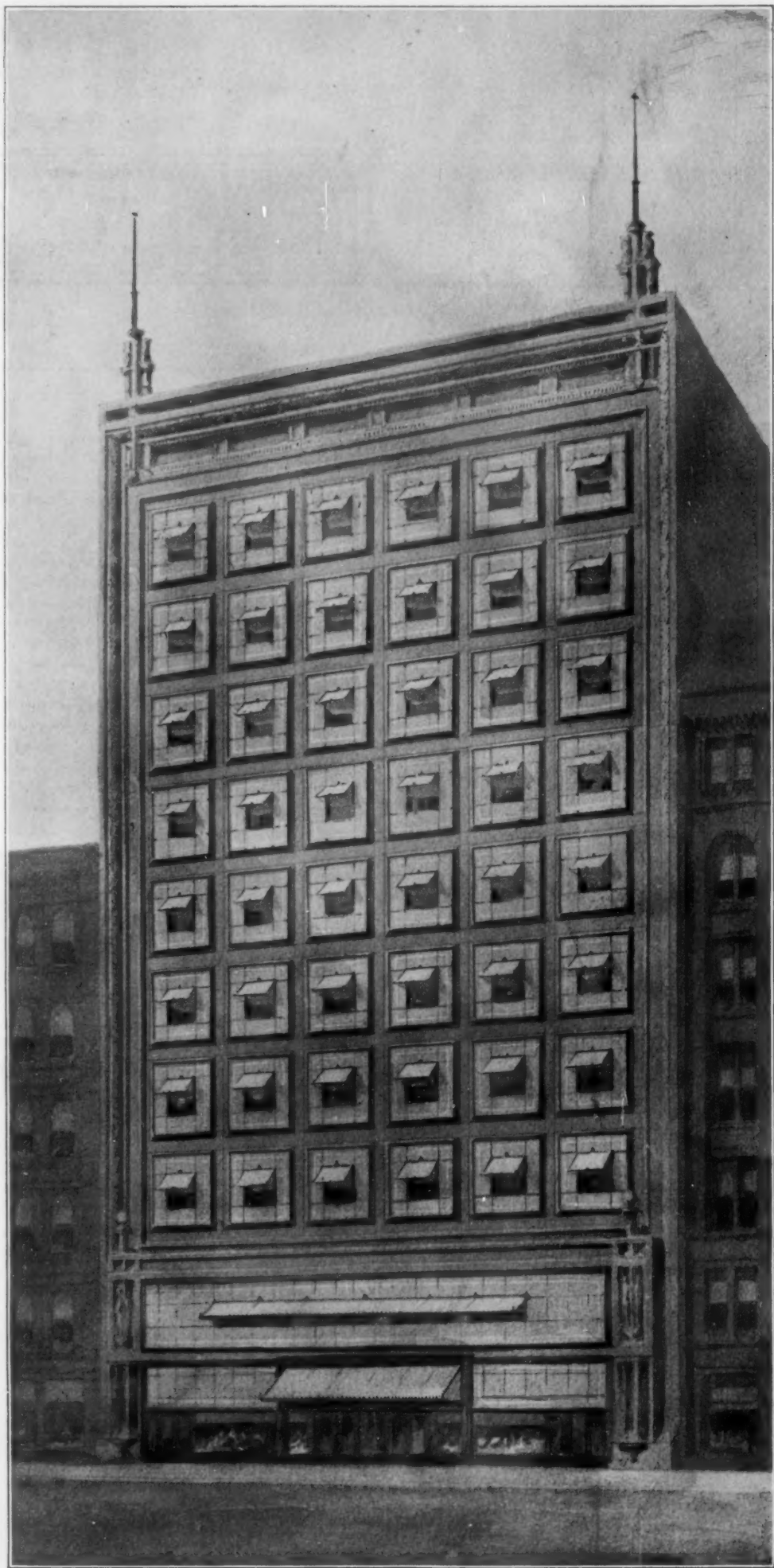
The above amount will cover 500 square feet.

The substitution of benzine or fish-oils for the pure linseed-oil should not be allowed.

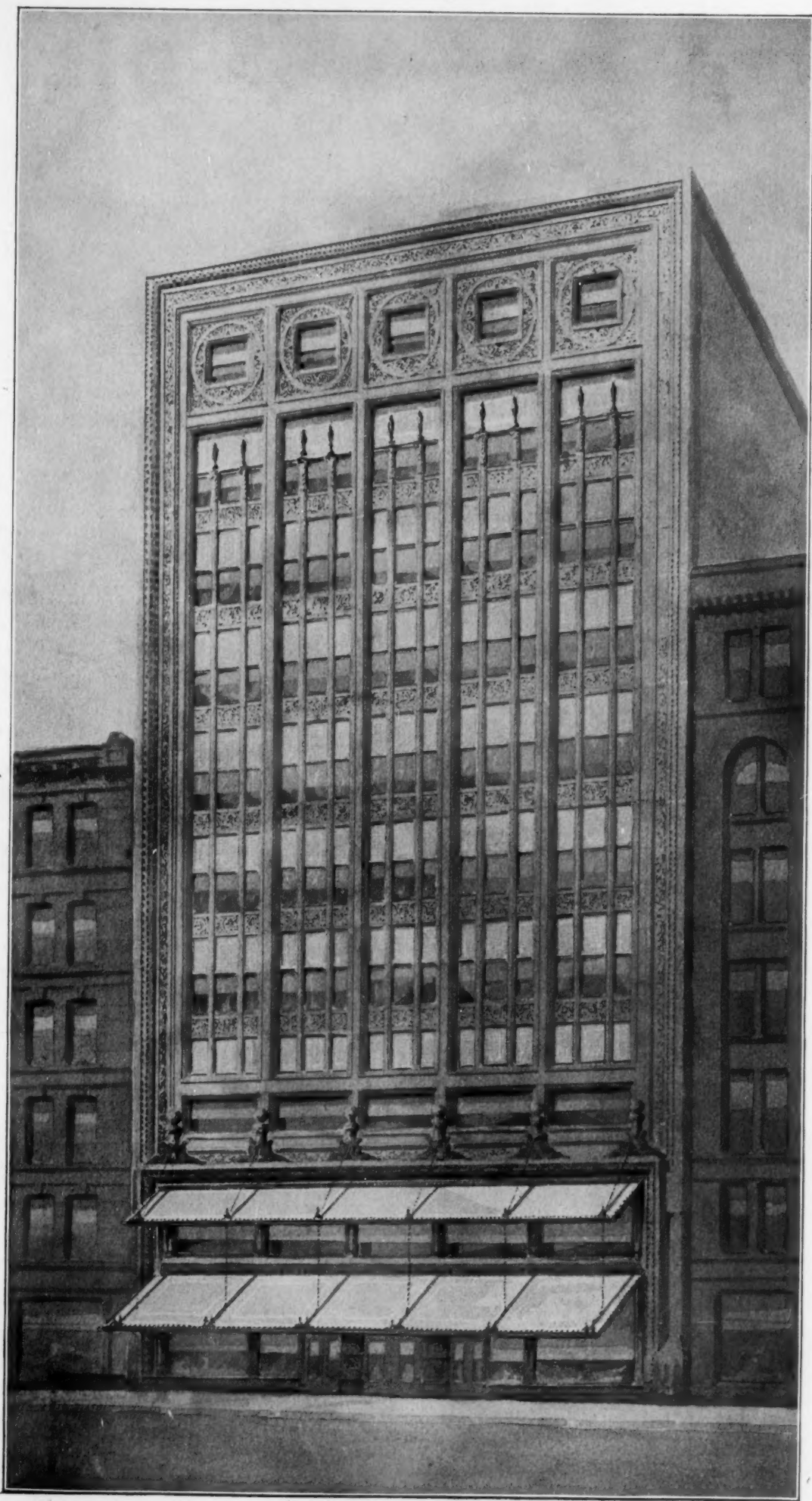
The roof will last longer and be less liable to rust if painted on the under surface before laying, and should be so painted in every instance. It should also have two coats of paint on upper side as soon as the roof is laid and soldered. It is a good plan to put one or two layers of felt paper under the tin to serve as a cushion for same, and to deaden the noise made by the rain falling on the tin. This also avoids condensation on the under side, which frequently causes such a drip as to make it appear that the roof leaks.

A year after the first painting the roof should be painted again, and then a good roof will only require painting once in five years.

FOR brickwork use one part Atlas Portland cement, four parts clean sharp sand, two pails lime-putty. Always have your brick thoroughly wet before using. This gives you a mortar for brickwork that works greasy under the trowel. For plastering on brick walls the above proportions may be used, by adding one more pail of lime-putty.



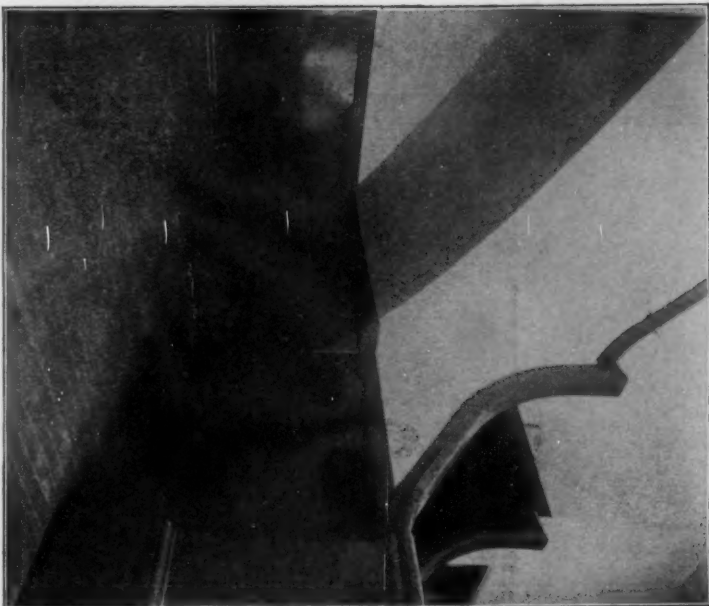
No. 1. Suggestion for a "Luxfer Prism" Building presented as an Aid to Competitors by the American Luxfer Prism Co., Chicago, Ill.



No. 2. Suggestion for a "Luxfer Prism" Building presented as an Aid to Competitors by the American Luxfer Prism Co., Chicago. I

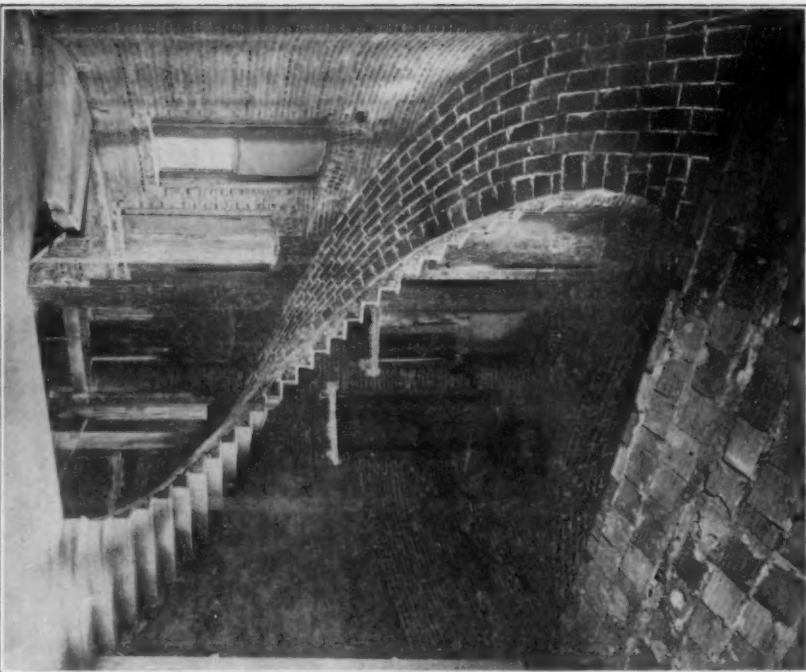
11 E. 59TH STREET,

NEW YORK, N. Y.



STAIRCASE AND BANISTER BUILT WITH ROUGH TILE, THEN
PLASTERED: BANISTER CAPPED WITH
WOODEN RAIL.

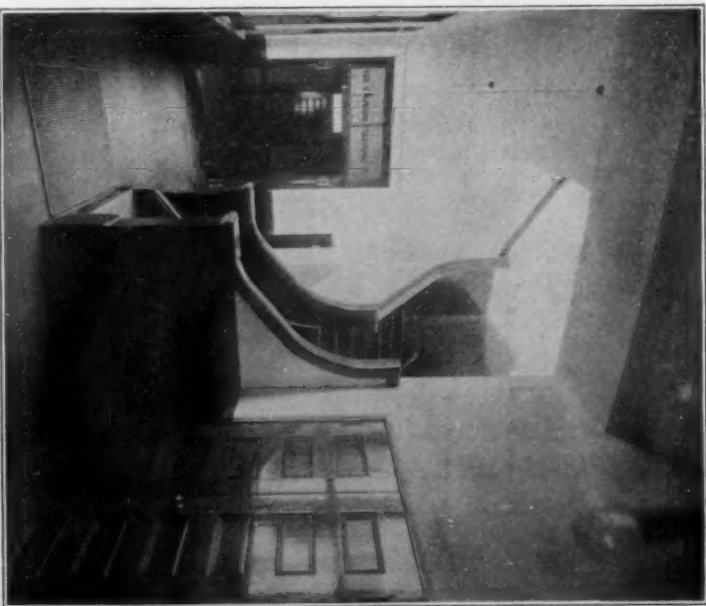
R. GUASTAVINO CO.
FIREPROOF CONSTRUCTION.



ROUGH TILE SPIRAL STAIRS, FIVE STORIES, READY FOR PLASTER
UNDERNEATH, A. D. FOR WOOD, MARBLE OR
SLATE TREADS AND RISERS.

444 ALBANY STREET,

BOSTON, MASS.



TILE STAIRS AND BANISTERS AFTER BEING
PLASTERED.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 190.

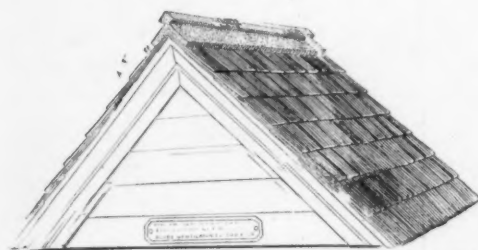
SATURDAY, MARCH 5, 1898

VOLUME LIX.
No. 1158.

GLOBE VENTILATED RIDGING.

THE "Globe Ventilated Ridging" is a new device that is being brought to the attention of architects and builders and those interested in the construction of new residences or the repairing of old ones. It is designed to ventilate an attic and thus exhaust the heat and impurities from the floors below, and is to be used where it is not deemed wise to place a ventilator.

It has been thoroughly tested for a period of eighteen months in all conditions and



Globe Ventilated Ridges.

changes of weather, having been placed upon buildings in exposed positions, and found to be absolutely storm-proof under the most trying circumstances. It went through all of the storms of last winter and has been out in all of the blizzards of this tempestuous winter, and the fact that not a flake of snow found an entrance demonstrates to a certainty the claim that is made for it.

The Globe Ventilator Company, who are the patentees of the ridging, have such an enviable reputation for fair dealing and the manufacture of good goods that they did not wish to be connected with any new article that was not up to the standard, and so they have taken ample time and subjected the device to every test that could be conceived in order to determine its merit and value.

This ridging, which is at once a cresting and a ventilator, can be readily adjusted, is ornamental in appearance, and very efficient as a ventilator, as the trial during the heated spell of last summer thoroughly proved.

We show a section of a roof and cuts of the different styles made by this Company, and those desiring further information or prices are invited to correspond with the

GLOBE VENTILATOR COMPANY,
TROY, N. Y.

THE Berlin Iron Bridge Company, of East Berlin, Conn., are building a new boiler-house roof for the Coe Brass Manufacturing Company, at Ansonia, Conn.

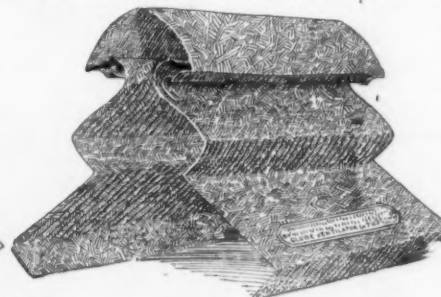
"HOLLOW TILE ARCH TEST."

NEW YORK, N. Y., February 21, 1898.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—In your No. 1154, Page 2, I find the publication of a letter by Mr. Julius Franke, which gives what purports to be the truth about a comparative fire-test, in which 5-foot arches of concrete and hollow tile were tested simultaneously.

As I was present during the entire construction of these arches, and actually made



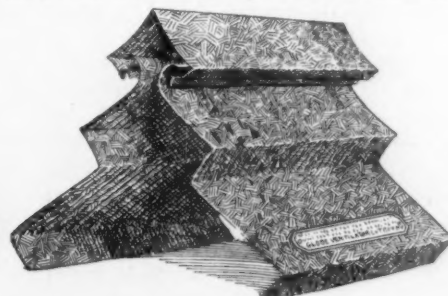
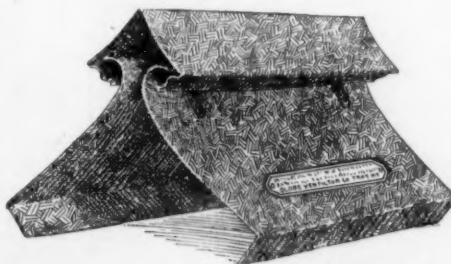
spades until well mixed." Every builder and engineer must admit that this will make first-class cement-mortar. What Mr. Franke picked up afterward is not known. There are many witnesses in and out of the Department of Buildings to testify to the above.

The spaces between plates A on Mr. Franke's sketch did not exist except in his imagination. These plates were coated with graphite and placed face-to-face, before any cement was placed against them; they were held in place by blocking (brick). Mr. Franke's statement that he found cement between them is imaginary, and the measurements of independent deflection of the two arches at these plates proved that they did not offer resistances, but permitted free motion. These data are at your disposition, if desired.

The statement that the concrete on top of the tile arch was poor is correct, as this was alike on the concrete and tile arches, and consisted of 1 of cement, 3 of sand and 10 of cinders, and was merely "filling" as in general use in this city. Strong cement is not used on tile arches except for extra compensation.

The "load of cobble-stones" mentioned by Mr. Franke were granite paving-blocks, 4" x 12" x 16", set on end carefully, with others laid flat on top of them, thus making an ideal "distributed load" on the arches, both alike, and bringing the entire load on the arches and none on the frame.

As the temperatures were carefully measured by a recording pyrometer and the edges of the brick in openings in the structure had



Globe Ventilated Ridges.

for the test in New York, and it was necessary to go to Philadelphia to find some. The blocks used are those used in regular construction and were picked up at random as delivered at a building.

The cement-mortar used in the tile arch consisted of "ten buckets of sand to five of Aalborg Danish cement turned twice dry; then three buckets of water were gradually added while constantly mixing with three

been burned off, there can be no doubt about the intensity and character of the fire during the test.

Very respectfully,
GUS. C. HENNING,
NEW YORK, N. Y.

M. C. HENRY & Co., of New York City, are enlarging their plant and making some extensive improvements. Their new steel stone shed, which is about 50 feet wide, is to

be extended about 70 feet in length. The metal-work, which consists of the steel framework of the building, the covering upon the roof and sides, and the metal runway for travelling crane, is being furnished and erected by the Berlin Iron Bridge Company, East Berlin, Conn.

A GREASE AND WATER TRAP.

At last, a combination Grease and Water Trap has been invented that is the only perfect trap ever sold for all plumbing fixtures except a water-closet.

Upon looking at the cut on page xvii you will see that it does away with the stoppage of waste-pipes. It cannot be siphoned, and prevents the sewer-gas escaping into the house, thus making the house a good place to live in.

This trap can be placed above or below the floor, and needs no plumber or engineer to clean it out. It saves the owner from having his floor damaged every time a waste-pipe stops up. The cylinder holds everything that will clog the waste-pipe, allowing the clear water to flow through to the main sewer, preventing the overflow of the fixtures and spoiling the ceiling, woodwork and furniture underneath.

To clean this trap, unscrew the trap-screw on top, lift out the inside cylinder and dump same, then replace as before. This can be done in five minutes.

It is a well-known fact that matches, hair, pins, grease and lint stop up the waste-pipes, and when that occurs a plumber must be hired to clean them out. Oftentimes the floor and plumbing fixtures must be torn up in order to do this, which is very expensive to the owner.

Now then, would it not be to the interest of an architect, or the owner, to specify and use the Sieben Combination Grease and Water Trap to prevent the stoppage of waste-pipes and the unnecessary expense of tearing up the floors? Also keeping the building free from deadly sewer-gas.

Our traps are made in lead, brass or iron-enamelled, and can be made any size or shape to suit the work.

THE SIEBEN TRAP AND SPECIALTY CO.,
306-10 East 17th St., KANSAS CITY, MO.

FIREPROOF STAIRCASES.

YEAR by year the building-laws of our larger cities are becoming more stringent in the matter of fireproof exits, so that to-day there is hardly any kind of a structure except a common frame-dwelling but what is required to have one or more fireproof staircases.

While the Guastavino Cohesive Construction always has been and always must be associated with the thought of large domes for buildings of a monumental character, and with large spans for heavy loads in mercantile buildings—which still forms the bulk of our work—yet this increasing demand for a strictly fireproof, economical and strong staircase has caused us to pay especial attention to that branch of our work, more or less of which we have always done, and has led us to run a special line of illustrative advertising on this subject in the *American Architect*, beginning February 12th and running through March, comprising cuts from photographs of constructive and finished work in place.

Our construction lends itself readily to almost any kind of a staircase problem, and we can apply marble, slate, wood, or any kind of finish desired. We have lately used with great success a combination tread of our own

design, consisting of open-iron network and cement, which has proved very satisfactory for its durability and non-slipping qualities.

We can successfully compete in price with any type of fireproof staircase, and are always pleased to estimate work.

R. GUASTAVINO COMPANY,
11 EAST 59TH ST., NEW YORK, N. Y.
19 MILK ST., BOSTON, MASS.

BUTCHER'S BOSTON POLISH.

ON page ix of this issue the Butcher Polish Company, 9 Haverhill Street, Boston, call attention to their celebrated polish for floors, linoleums, interior woodwork and furniture. It is regarded as the best floor finish made and has not a single objectionable feature. It is not brittle, will neither scratch nor de-face, like shellac or varnish, and is not soft and sticky, like beeswax. It is perfectly transparent, preserving the natural color and beauty of the wood for years. Write for circulars, etc.

BUTCHER POLISH COMPANY,
9 HAVERHILL STREET, BOSTON.

NOTES.

WARREN WEBSTER & Co., of Camden, N. J., report the following contracts since December, 1897, taken by the various steam-heating contractors, in which the Webster System of steam-heating will be installed: Gulf, Colorado & Santa Fé Railway Company Depot, Temple Station, Tex.; M. Gould's Son's Factory, Newark, N. J.; Horne Building, Pittsburgh, Pa.; Allen County Court-house, Fort Wayne, Ind.; Lane Shoe Factory, Brooklyn, N. Y.; Aroostock Mills, Gardiner, Me.; Singer Manufacturing Company, "New Foundry," South Bend, Ind.; United States Appraisers' Warehouse, New York City; Norton Emery Wheel Company, Worcester, Mass.; Rambo & Reger, Norristown, Pa.; Pacific Railroad Company Machine-shops, Columbus, O.; Mystic Velvet Mills, Mystic, Conn.; New England Knitting Company, Winsted, Conn.; Converse Building, Boston, Mass.; Steiner & Sons, Bradley Beach, N. J.; Stohn & Son, Jersey City, N. J.; Annex to Hospital of North Texas Insane Asylum, Terrell, Tex.; Rothschild Building, 205-207 Monroe St., Chicago, Ill.; J. G. Brill Co., 62d St. and Woodland Ave., Philadelphia, Pa.; Universal Loom Company, Readville, Mass.; Diamond Portland Cement Company, Middle Branch, O.; Indiana State Reformatory, Jeffersonville, Ind.; Charles Wolf & Co., Allentown, Pa.

THE Boston Gas-Light Company are erecting a new gas plant at Commercial Point, in the vicinity of Boston. This new plant consists of a building about 52 feet wide and 185 feet long, having brick side-walls and brick partition-walls dividing the building into three distinct parts, made up of a generator-house, blower-room, and condenser-room. No wood is used in the construction of the building, and it is absolutely fireproof. The floors are of steel throughout. The roof is covered with slate supported on steel roof-trusses and framing. The contract for furnishing and erecting the steel roof-work complete has been let to the Berlin Iron Bridge Company, East Berlin, Conn.

ST. LOUIS, the greatest brick manufacturing centre in the United States, is headquarters for the Hydraulic Pressed Brick Company, which has in St. Louis the two largest yards in the world, and eleven factories

in other places, the whole having a yearly output of 300,000,000 bricks. Its St. Louis warehouses are miles in length. The company owns 58 railroad clay-cars, with a capacity of 60,000 pounds each. Power is supplied by 14 boilers and 16 engines, 276 mules, and 600 men. The machinery is all patented and made by the Company, which owns its own blacksmith and machine shops, foundry, harness-shops, and wagon works, and turns out in its own plant everything it uses. — *N. Y. Times*.

The Bristol & Plainville Tramway Company are erecting near Plainville, Conn., a new substantial steel bridge, having a span of about 90 feet. The bridge has been designed with a view of being a permanent structure, well able to take care of the increasing and heavy traffic of the road. It has been furnished and is now being erected by the Berlin Iron Bridge Company, East Berlin, Conn.

ANY of our subscribers who have young children to please and instruct can do something toward this end, and at the same time do something to aid a woman trying to support herself, by sending to Mrs. F. A. Warner, Jacksonville, Fla., for an assortment of the beautiful native and West Indian seashells.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News

APARTMENT-HOUSES.

New York, N. Y. — *W. Central Park*, cor. 94th St., seven-st'y & base. bk. & st. flats, 100' x 170'; o., Edward & E. W. Kilpatrick, 50 W. 67th St.; a., Fred'k Jacobsen, 1539 Broadway.
One Hundred and Forty-second St., nr. St. Ann's Ave., 2 five-st'y bk., st. & terra-cotta flats, 15' x 82' & 25' x 82'; \$46,000; o., Charles Lane; a., Harry T. Howell, 748 E. 138th St.
One Hundred and Sixtieth St., nr. Courtlandt Ave., 2 four-st'y bk. flats, 25' x 78'; \$32,000; o., Hummel & Newshaffer, 131 Columbus Ave.; a., Laurence & Ringrose, 150th St. & 3d Ave.
Tinton Ave., cor. Home St., four-st'y bk. flats & store, 22' x 85'; \$15,000; o., Margaret Streesse; b., Herman Streesse, 1405 Vyse Ave.; a., W. C. Dickerson.
Franklin Ave., nr. 168th St., four-st'y & base. bk. & terra-cotta flats, 120' x 150'; \$60,000; o., Mrs. Sarah M. Timpson; a., Edw. B. Chestersmith, 45 Exchange Pl.
West End Ave., bet. 68th & 69th Sts., 10 five-st'y st. & bk. flats & stores, 25' x 87' each; \$200,000; o. & b., James Higgins, 138 E. 80th St.; a., Neville & Bagge.
One Hundred and Thirtieth St., nr. Lenox Ave., 4 five-st'y bk. & st. flats, one single, 20' x 87'; three, 25' x 87' 6"; \$100,000; o. & b., H. L. Felt, 218 W. 48th St.; a., Neville & Bagge.
Wendover Ave., cor. 3d Ave., five-st'y bk. & st. flats & store, 34' x 100'; \$40,000; o. & b., Jerry Altieri, 434 E. 109th St.; a., Geo. Fred Pelham.
Stebbins Ave., cor. 167th St., four-st'y bk. flats & store; \$16,000; a., Wm. C. Dickerson, 149th St. & 3d Ave.
West End Ave., nr. 102d St., six-st'y double flats, 50' x 80'; \$80,000; o. & b., Daly & Carlson, 1742 Amsterdam Ave.; a., Neville & Bagge.

CHURCHES.

Portland, Ind. — St. & bk. church, 76' x 101', slate roof; \$23,000; o., Methodist Episcopal Society, Rev. M. A. Harlan, pastor; a., Wm. R. Brown, Cincinnati, O.

EDUCATIONAL.

Boston, Mass. — *Trinity Pl.*, Ward 11, six-st'y bk. & st. building, 58' x 160', flat roof, steam; \$150,000; o., Massachusetts Institute Technology; b., Woodbury & Leighton; a., E. B. Homer, Tremont Bldg.
Cleveland, O. — *Wade Park Ave.*, three-st'y bk. school, steel-frame, 60' x 110', slate roof, steam; \$47,000; o., City; a., F. S. Barnum, New England Building.

FACTORIES.

Chicago, Ill. — *Morgan St. and Morgan Pl.*, three-st'y bk. factory, 75' x 110', flat roof, steam; \$20,000; a., Fred'k Foehringer, 166 Randolph St.
New York, N. Y. — *One Hundred and Fifth and One Hundred and Fourth Sts.*, nr. East River, five-st'y bk. & st. factory, 50' x 201'; \$50,000; o. & b., Edwin Shuttleworth, 103th St. & East River; a., Neville & Bagge.
Worcester, Mass. — *Vine St.*, two-st'y bk. shop; \$5,000; o., C. E. Sebbins; a., C. A. Vaughn.

HOUSES.

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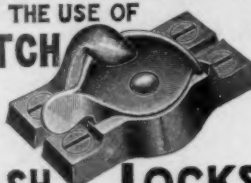
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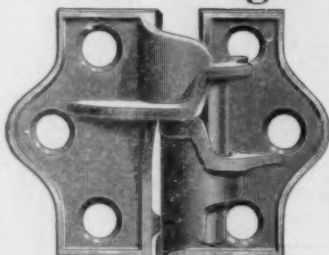
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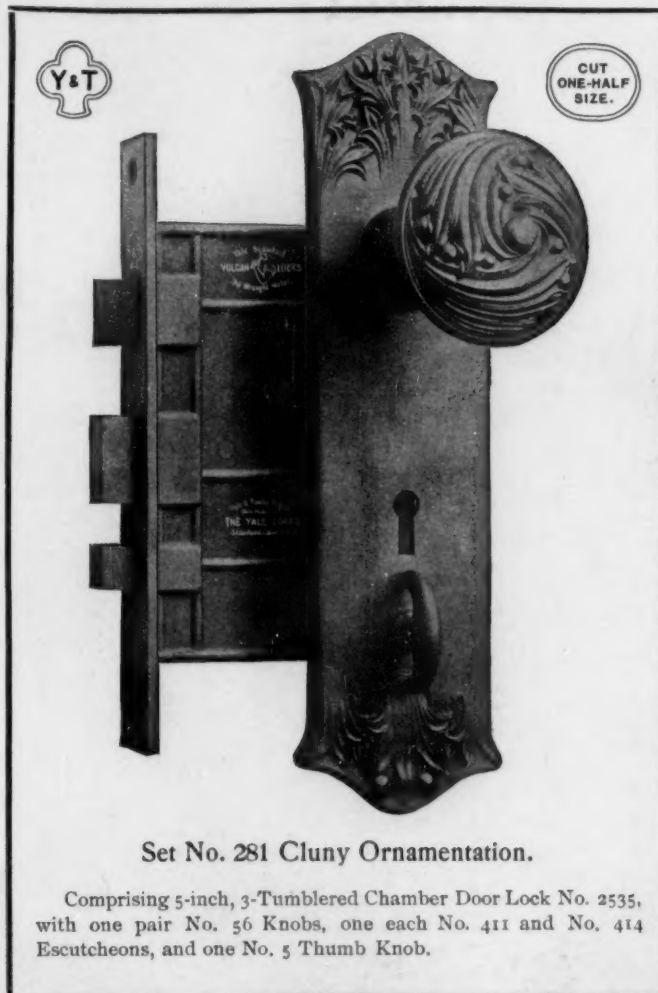
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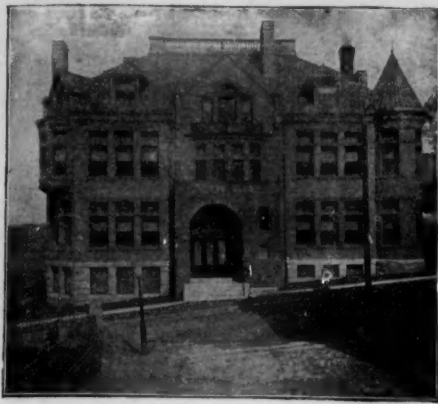
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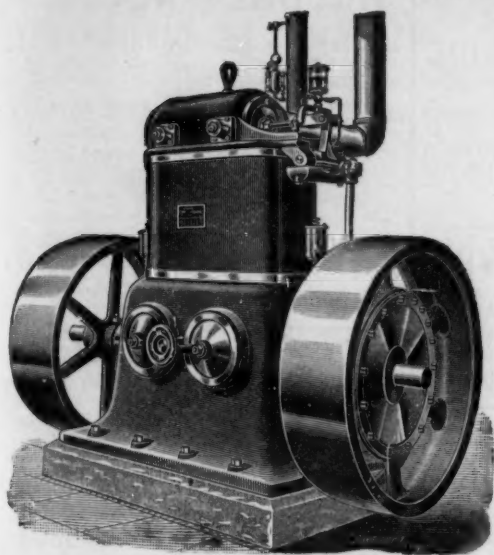
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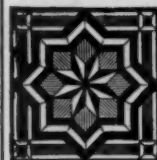
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WYCKOFF, SEAMANS & BENEDICT (New York, N. Y.), Remington Standard Typewriter. Page xii.
WILLIAM R. PITT (New York, N. Y.), Artistic Ironwork. Page vi.
H. S. NORTHROP (New York, N. Y.), Metal Ceiling. Pages i, xiii.
STOVER MANUFACTURING CO. (Freeport, Ill.), Blind Hinge. Page ii.
AMERICAN MASON SAFETY TREAD CO. (Boston, Mass.), Safety Tread. Page xii.
IDEAL MFG. CO. (Detroit, Mich.), Sanitary Trap. Page xiii.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Albany, N. Y.—Plans have been completed by H. Neil Wilson, architect, of Pittsfield, Mass., for the new nine-story fireproof hotel to be erected on Chapel and State Sts. It is stated that bids will be called for at once.

Americus, Ga.—The Masonic Fraternity of this place have decided to build a new temple. It will be three stories high and will be constructed of pressed-brick and marble.

Atlanta, Ga.—Plans have been prepared for a new building to be erected by the Neal Loan and Banking Company. The plans provide a building of stone, steel and brick and all modern conveniences.

Augusta, Ga.—A new school-building, to be called the Forest Park School, is to be erected on Garfield St., near Belmont Ave., to cost about \$60,000.

Barnardville, N. J.—Meeker & Lewis, architects and contractors, 130 Broadway, New York City, are preparing plans for a hotel to be built for S. S. Child, of 45 Cortlandt St., New York City. It will be three stories high, 36' x 100', of frame construction, with stone foundation and shingle roof. There will be accommodations for eighty guests; estimated cost, \$35,000.

Boonville, Mo.—A society building and lodge-house to cost about \$15,000 will be built by Pythian Lodge, No. 91.

Brooklyn, N. Y.—A corporation has been formed under the name of the Brooklyn Park Consumers' Brewing Company for the purpose of erecting a large brewery, hotel, beer hall and general amusement park, at Washington and Franklin Aves., between Montgomery St. and Washington Pl. The plans are being prepared by C. F. Terney, 123 Liberty St., New York City; cost about \$200,000. A Methodist Church will be erected at Vandewater Park. Address Rev. Dr. R. S. Pardington, Brooklyn Methodist Church Extension Society.

Buffalo, N. Y.—Another large brewery is to be established here by Anton Bogacki, of this city and Peter Zoltowski and F. S. Bielowski, of Detroit. W. G. Kiemann is preparing the plans for the structure. It will cost \$50,000.

Chester, Pa.—The directors of the Pennsylvania Military Academy are raising funds with which to erect a new three-story and basement brick and stone building.

Columbia City, Ind.—A company has been organized to erect a \$70,000 hotel and sanitarium at Lake Shriner. Dr. J. K. Geary, Coesse, is interested.

Denver, Col.—The Denver Natatorium Co. is about to be formed to construct a natatorium and bath-house at 18th St. and Lincoln Ave., at a cost of about \$125,000. It is stated that plans are now being prepared by the F. E. Edbrooke Architect Co.

H. T. E. Wendell, 413 McPhoe Building, is preparing plans for the First Universalist Church, to be built at the corner of Colfax Ave. and Lafayette

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

St. The building will be constructed of buff brick, with buff stone trimmings, and will have tile roof. An area 75' x 125' will be occupied by the church and chapel.

Dracut, Mass.—The citizens on December 18 voted in favor of issuing \$12,000 to build a new school-house.

Edwardsville, Pa.—The contract for erecting the new buildings for the Bartels Brewing Co. has been awarded to John A. Schmitt, of Wilkesbarre, at about \$150,000.

Fort Dodge, Ia.—It is stated that a large hotel is to be built here at a cost of \$75,000. A party of Chicago business men are behind the project.

Grundy Center, Minn.—A new church will be erected here by the Presbyterian Church at a cost of about \$12,000. Work will not be commenced until spring.

Hartford, Conn.—The Hartford Lodge of Elks contemplate erecting a \$75,000 building on their lot on Pratt St., which measures 50' x 197'. The trustees are Patrick McGovern, E. M. Graves, S. D. Chamberlain and James Campbell.

Haverhill, Mass.—The special committee on the new Ward 6 school-house awarded the contract for building the structure to John M. Roche at \$21,100.

Jackson, Mich.—A company has been formed here to erect a new theatre. Robert Lake is president of the company.

Jacksonville, Fla.—The Union Congregational Church of this place is contemplating the erection of a new structure. It will cost about \$15,000.

Jersey City, N. J.—Blau & Quaife, of 700 Grand St., are the architects for the four-story light-brick and stone front store and flat to be built for Mrs. A. L. Biggs, of 48 W. Hamilton Pl., at a cost of about \$10,000.

The Robert Davis Association has purchased two lots, 47 and 49 Mercer St., 50' x 100', upon which it is intended to build a new club-house to cost \$40,000.

Joliet, Ill.—Plans are being prepared for a new building to be erected by the Catholic Orphans' Home. It will cost about \$30,000. The mayor is one of the interested parties.

Kankakee, Ill.—A new station is to be erected here by the Illinois Central Railroad Company. It will cost \$20,000.

La Crosse, Wis.—It is stated that plans have been prepared by Dankmar Adler, architect, of Chicago, for the new hotel to be erected on the McMillan property, to cost about \$100,000.

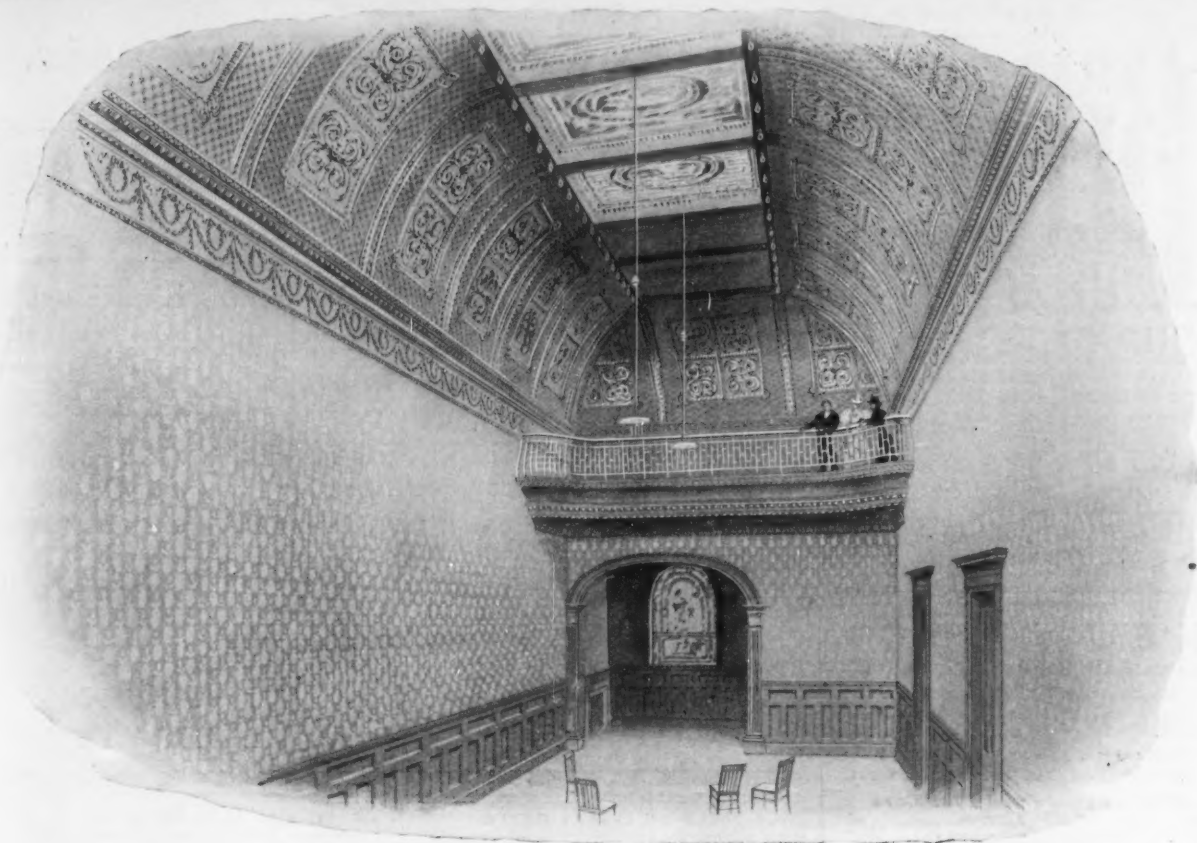
Lenox, Mass.—The contract for erecting an addition to the Curtis Hotel has been awarded to James Clifford; estimated cost, \$50,000. Messrs. Rathbun & Harding, of Pittsfield, architects.

Minneapolis, Minn.—F. A. Demens, owner of the Brunswick Hotel property, will replace the old hotel with a new structure, to cost about \$100,000.

Neillsville, Wis.—The citizens have decided in favor of erecting a new high-school building, to cost about \$18,000.

New York, N. Y.—Architect Edward L. Angell, 108 Fulton St., has prepared sketches for a two-story frame and stone "Troadero," 000' long and aver-

(Continued on page xiv.)



The Banquet Hall of the Pouch Mansion, Brooklyn, N. Y. W. A. Mundell, Architect.

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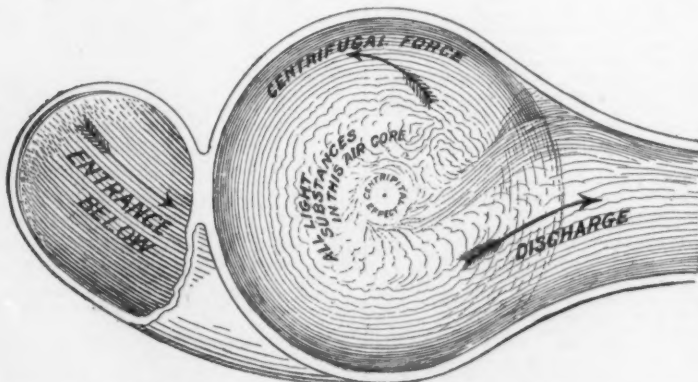
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

aging about 75' in width, to be erected at Fort
George by a syndicate at a cost of about \$100,000.
Plans prepared by Geo. B. Post, architect, have
been accepted by the Trustees of the College of
New York for the new college building, to cost
about \$1,000,000.

The Sinking Fund Commission has awarded the
contract for the erection of the court-house of the
Appellate Division of the Supreme Court to Chas.
T. Willis, whose bid was \$638,968. The bid covers
the cost of the building, statuary and decorations.

Norwalk, O.—Plans for a brick and steel theatre
building to cost \$60,000 have been prepared for
local capitalists, who contemplate erecting as soon
as suitable plans are accepted.

Peru, Ind.—A new \$15,000 school-building is to be
erected soon.

Philadelphia, Pa.—Architect Arthur Stanley
Cochran, 201 S. 10th St., is preparing preliminary
plans and specifications for the handsome new
gymnasium building to be erected by Swarthmore
College. It will be two stories high, 50' x 120', and
is to be constructed of stone and fancy brick.

Architects Hales & Ballinger, 102 S. 12th St.,
have completed the plans for the Methodist Epis-
copal Home, to be erected at Belmont and Edgely
Aves. It will be of stone and brick, three stories
and basement, with modern conveniences for a
building of that character.

White & Harrar will build 26 two-sty' Pompeian
brick and stone front dwellings, each 15' x 50', on
the south side of Lee Ave., west of 60th St.

Whelan Brothers are receiving estimates on 26
houses to be erected at Germantown Ave. and
Rowan St. They will be two and three stories
high, measuring 18' x 50'.

Pemberton & Co. will shortly start to put up 12
two-story and 8 three-story dwellings, on the north
side of Girard Ave., west of 56th St.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Pontiac, Mich.—Plans have been prepared for a
new library building to be erected by the Stout
Memorial Library. It is to be of brick and stone,
and will cost about \$8,000.

Portland, Ind.—Plans have been prepared for a
new church to be erected by the Methodist Epis-
copal Society to cost \$10,000.

Richmond, Va.—Mrs. George Smeltz, of Hampton,
has given \$5,000 to Richmond College, to be used
in the erection of a science building.

Savannah, Ga.—Eichberg & Witcover, architects,
have prepared plans for a new edifice to be erected
by the Second Baptist Church on the site of the
present building, southwest corner Duffy and Aber-
corn Sts., to cost about \$14,000. Rev. J. D. Chapman,
pastor.

Stenbenville, O.—The congregation of the Christian
Church have decided to erect a new edifice in the
spring to take the place of the present building. It
will cost about \$12,000.

St. Paul, Minn.—The Hamline Methodist Society
proposes a new church building for the coming
season. The cost has not been decided, but it is
understood it will be at least \$10,000 or \$15,000.
Subscriptions for the work are being taken.

Tampa, Fla.—Plans are being prepared for a new
church to be erected by the Roman Catholic
Church. It will be of marble and granite, and will
cost about \$125,000. The contract for the work has
not been let yet.

Trenton, N. J.—Local papers state that certain
architects have been asked to submit plans on
December 27 for the new high school to be erected
here, to cost not more than \$95,000.

Wabash, Ind.—The Methodists of this city are
about to ask for plans for a church to cost not more
than \$30,000. The building is to be finished before
the end of next year.

Watervliet Centre, N. Y.—A high-school building
to cost about \$70,000 is to be erected at this place.

West Pittston, Pa.—S. R. Hoover, of Wilkesbarre,
is preparing the plans for a new school-building to
be erected here.

APARTMENT-HOUSES.

Brookline, Mass.—Off Park St., nr. Washington
St., 2 four-sty' bk. & st. flats, 38' x 78' each, flat
roof, steam; \$60,000; o. & b., A. G. Brewer & Co., 7
Exchange Pl., Boston.

Beacon and Marion Sts., 4 four-sty' bk. & st. flats,
50' x 89', flat roofs, steam; \$160,000; o. S. E. Wad-
sworth; b., P. B. Wadsworth, 209 Washington St.,
Boston; a., E. P. Morse, Boston.

Beacon and Marion Sts., four-sty' bk. & st. flats,
25' x 89', flat roof, steam; \$25,000; o., Mr. Warren;
b., P. B. Wadsworth, Boston; a., E. P. Morse,
Boston.

Chicago, Ill.—Jackson Boulevard, Nos. 1439-41,
four-sty' bk. flats, 48' x 64'; \$40,000; o., John O'Con-
nell; b., John Baker; a., W. F. Pagels.

Jackson Boulevard, Nos. 1443-45, 2 three-sty' bk.
flats, each 22' x 68'; \$30,000; o., John O'Connell; b.,
John Baker.

Sixty-second St., Nos. 444-48, three-sty' bk. flats,
61' x 86'; \$24,000; o., T. J. Leonard; b., Harper
Bro.; a., A. Sandgren.

Prairie Ave., Nos. 6009-11, three-sty' bk. flats, 50'
x 61'; \$16,000; o. & b., A. R. Clark & Co.

S. Peoria St., Nos. 6356-58, three-sty' bk. flats, 53'
x 104'; \$30,000; o. & b., Engstrand, Lothgren & Co.;
a., A. G. Lund.

Woodlawn Ave., Nos. 6448-50, three-sty' bk. flats,
50' x 60'; \$18,000; o., Charles Murray; b., Corse &
Jeffrey; a., Thomas McCall.

Lexington St., Nos. 6231-37, 4 three-sty' bk. flats,
64' x 84'; \$40,000; o., W. H. Stewart; b., George
Williams & Co.; a., Fridmore & Stanhope.

BUILDING INTELLIGENCE.

HOUSES.

Belmont, Mass.—Fairview Ave., two-sty' fr. dwell.,
40' x 55', comp. roof; \$8,000; o., Rose M. Cullen; a.,
E. E. Jordan, 22 Park Sq., Boston.

Boston, Mass.—Empire St., Ward 25, 2 three-sty' fr.
dwells., 34' x 55', flat roofs, steam; \$10,000; o.,
Henry C. Folger; b., Daniel Bishop, 17 Parker St.,
Allston.

Blakeville St., nr. Bowdoin St., Ward 20, two-sty' fr.
dwell., 28' x 36', pitch roof, furnace; \$5,000; o.,
Christopher Blake, Everton St.; b., H. J. McNabb.

Park St., nr. Waldeck St., Ward 20, two-sty' fr.
dwell., 32' x 35', pitch roof, furnace; \$4,500; o. & b.,
A. B. Worthen, 35 Kenwood St., Dorchester.

Washington St., nr. Oak St., Ward 25, two-sty' fr.
dwell., 26' x 48', pitch roof, furnace; \$4,300; o. & b.,
Arthur Poole, 7 Lawrence Pl.

Seaver St., nr. Elm Hill Ave., Ward 21, 2-sty' fr.
dwell., 31' x 44' x 60', pitch roof, hot water; \$10,000;
o., T. G. Joyce; b., Wm. Tobin, 32 Perkins St.

Sydney St., nr. Romsey St., Ward 20, 2 three-sty' fr.
dwells., 24' x 51', flat roof, stoves; \$8,000; o.,
James M. Cross; b., James F. Flaherty, 183 Sydney
St.

Westcott St., No. 13, Ward 20, two-sty' fr. dwell.,
25' x 45', pitch roof, furnace; \$4,000; o., Lillie
Moxon; b., E. B. Moxon, 46 Warner Ave., Dor-
chester.

Robinson Ave., nr. Enfield St., Ward 22, two-sty' fr.
dwell., 26' x 36', pitch roof, furnace; \$5,000; o.,
Mary J. Rogers; b., S. T. Chipman.

Gore St., cor. Terrace St., Ward 19, three-sty' fr.
dwell., 24' x 42', flat roof, steam; \$1,700; o. & b.,
M. J. O'Brien, 805 Parker St.

Alpha St., nr. Waldeck St., Ward 20, two-sty' fr.
dwell., 29' x 33', pitch roof, furnace; \$5,000; o. & b.,
J. M. E. Morrill, 148 Centre St.

Abbottford St., nr. Harold St., Ward 21, 2-sty' fr.
dwell., 52' x 57', mansard roof, furnace; \$5,800;
o., Lomaney & Fuller; a., George A. Fuller, Tre-
mont Building.

Wentworth St., nr. Norfolk St., Ward 24, 2 three-
sty' fr. dwells., 28' x 48', flat roofs, furnaces; \$8,000;
o. & b., Daniel H. McIsaac, 42 Baldwin St., Cam-
bridge.

Walk Hill St., Nos. 11-15, Ward 23, 3 three-sty' bk.
dwells., various dimensions, flat roofs, stoves;
\$20,000; o. & b., M. A. Tubin; a., W. T. Peters.

Charter St., cor. Lime Alley, Ward 6, four-sty' bk.
dwell., 20' x 23' x 53', flat roofs, stoves; \$7,000;
o., A. Monk, 7 Parkman Ct.; b., H. I. Atkins.

Charter St., nr. Lime Alley, Ward 6, 2 four-sty' bk.
dwells., 17' x 19' x 45', flat roofs, stoves; \$14,000;
o., A. Monk; b., H. I. Atkins.

Elmo St., nr. Erie St., Ward 20, 4 three-sty' bk.
dwells., 23' x 43', flat roofs, stoves; \$22,000; o. & b.,
Geo. M. Fernald, Hyde Park.

Lindell Park Ave., Nos. 6-8, Ward 18, 2 four-sty' bk.
dwells., 23' x 45', flat roofs, stoves; \$12,000; o. & b.,
Abraham Isgur, 15 Dover St.

Fellows St., nr. Hunneman St., Ward 17, 2 four-
sty' bk. dwells., 18' x 32' x 33' x 22' x 20', flat roofs,
stoves; \$13,000; o., John McWeeney; b., T. D. Con-
nelly, Hunneman St.

Wellesley Park, nr. Melville Ave., Ward 20, 2
two-sty' fr. dwells., 25' x 45', pitch roofs, furnaces;
\$9,000; o. & b., A. M. Crowell and C. W. Allen, 12
Vinson St., Dorchester.

Sheridan St., nr. Cranston St., Ward 22, 4 two-sty' fr.
dwells., 33' x 44', pitch roofs, furnaces; \$18,000;
o. & b., David McIntosh, 166 Devonshire St.

Milton Ave., No. 69, two-sty' fr. dwell., 26' x 47',
pitch roof, furnace; \$4,700; o., Mrs. E. F. Davidson;
b., M. E. Poland.

Dorchester Ave., cor. Rosclair St., Ward 16,
three-sty' fr. dwell. & store, 39' x 44', flat roof,
stoves; \$14,000; o., Miss K. Holland; a., T. Edw.
Sheehan, Tremont Building.

Brookline, Mass.—Brook St., three-sty' fr. dwell.,

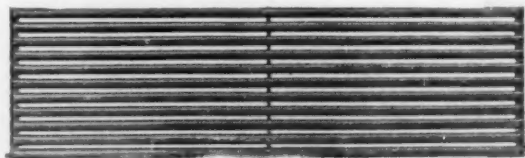
(Continued on page xvii.)



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Public Library, Littleton, Mass.
Virginia State Library, Richmond, Va.
Public Library, Nahant, Mass.
Blackstone Memorial Library, Branford, Conn.

Western Female Seminary, Oxford, Ohio.
State Normal School, Terre Haute, Ind.
Fletcher Library, Westford, Mass.
Y. M. C. A. Library, New York City.
United States Naval Home, Philadelphia, Pa.
Converse Memorial Library, Malden, Mass.
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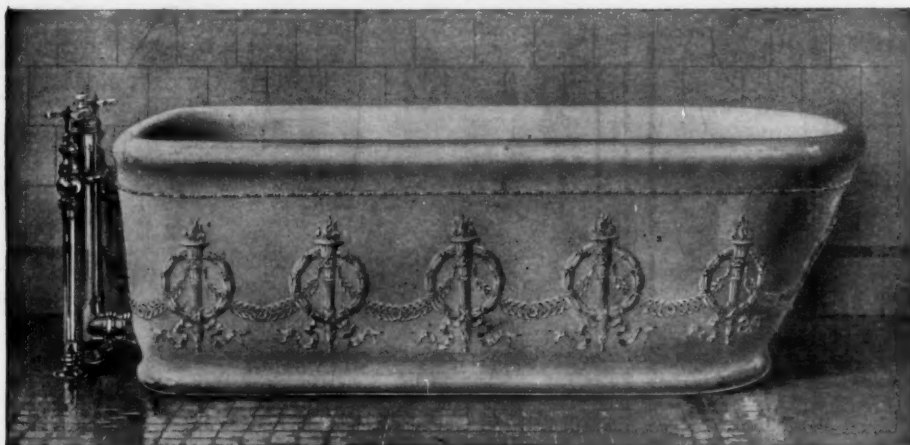
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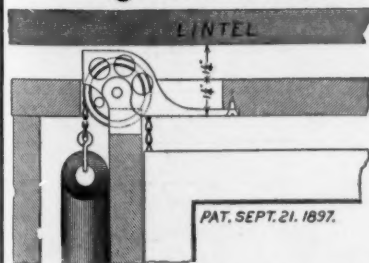
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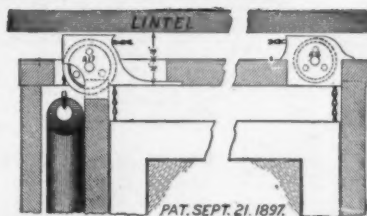
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Beacon and Kent Sts., four-st'y bk. & st. dwell., 24' x 52', flat roof, steam; \$12,000; o. & b., E. G. C. Isenbeck, Boston.
Chelsea, Mass.—Clark Ave., three-st'y fr. dwell., 28' x 61', comp. roof, furnace; \$5,000; o., Mrs. C. Morgan, 120 Walnut St.; b., J. R. Wyman.
Fitchburg, Mass.—Summer St., No. 337, 2½-st'y fr. dwell., 34' x 38', slate roof; \$5,000; o. & b., J. W. Winslow.

BUILDING INTELLIGENCE.

(Houses Continued.)

Westminster Road, two-st'y fr. dwell., 34' x 64'; \$5,000; o. & b., Hattie B. Robinson, on premises.

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Boston, Mass.—La Grange St., nr. Swallow St., Ward 23, 1½-st'y fr. stable, 17' x 21', pitch roof; \$600; o. & b., E. J. Merlin, on premises.

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SAENGERFEST BUILDING. [At Davenport, Ia.]
 John Borwald, Chairman of the Building Committee of the Saengerfest, Room 19, Masonic Temple, will receive proposals for furnishing plans and specifications for a Saengerfest building with a seating capacity of 3,000 and a stage for 1,000 singers. 1150

COURT-HOUSE. [At Indianola, Miss.]
 Plans and specifications for the erection of a court-house, to cost not less than \$12,000 nor more than \$20,000, will be considered by the Board of Supervisors of Sunflower County on the 1st Monday in February, 1898. W. P. GROSHAM, Clerk Board Supervisors. 1150

SCHOOL-HOUSE. [At Brookline, Mass.]
 The School Committee has been given authority to procure plans and contract for the new \$140,000 brick school to be erected on Prospect St., also the \$40,000

COMPETITIONS.
 brick grammar school to be erected on the Devotion lot. W. H. LINCOLN, Chairman of the Committee. 1150

PROPOSALS.
 Treasury Department, Office Supervising Architect, Washington, D. C., December 23, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of January, 1898, and opened immediately thereafter for all the labor and materials required for the completion of the interior finish, iron stairs and plumbing above first story, etc., of the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Com-

PROPOSALS.
 pletion of the Interior Finish, etc., of the United States Court-house, etc., at Omaha, Neb., and addressed to the Supervising Architect. 1150

Treasury Department, Office Supervising Architect, Washington, D. C., December 21, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of January, 1898, and opened immediately thereafter, for a crib bulkhead and dredging and filling therefor at the United States Immigration 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, United States Public Buildings, room 105, Post-office Building, New York City. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for a Crib Bulkhead and Dredging and Filling therefor, at the United States Immigration Station, Ellis Island, New York Harbor," and addressed to the Supervising Architect. 1150

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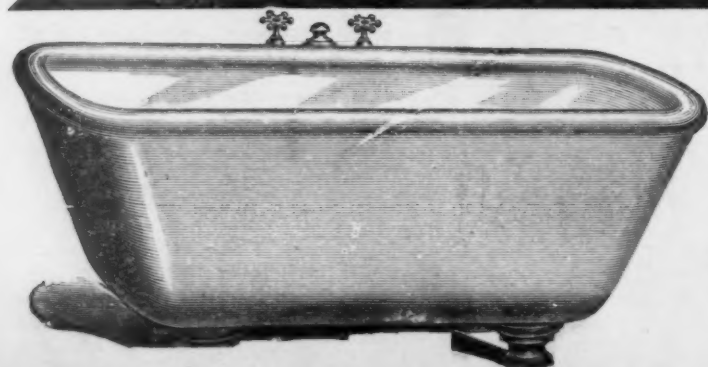
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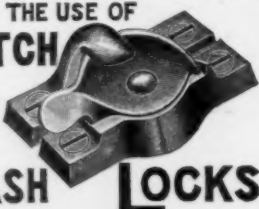
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STONE. (P cubic foot, rough.)				
Foundation:				
Dimension.....	5 00	P ton.	20	foot
Block.....	4 60	P perch.	10 00	cord
Rubble.....	1 25	@ 1 50	9 00	@ "
Sandstone:				
Longmeadow.....	@ 80	80 @ 90	@	
Kibbe.....	@ 90	90 @ 1 10	@	
Brown (Connecticut).....	1 00 @ 1 30	1 00 @ 1 30	1 50	P cub. ft.
Amherst Ohio.....	80 @ 95	80 @ 1 00	45 @ 55	
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	
Berlin.....	75 @ 1 00	80 @ 90	45 @ 55	
Belleville.....	80 @ 1 25	25 @ 1 35	@ 1 25	
New Brunswick (Dorchester).....	@ 1 00	75 @ 90	Not sold.	
Potsdam Red.....	@ 1 30	@ 1 40	@ 1 55	
Caen.....	@	@ 2 00	@	
Carlisle, English.....	@ 1 05	@ 1 05	@	
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	
Granite: (Maine)		@ 60	80 @ 1 50	
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	
Joliet.....	1 00		@	
Lemont.....			@	
Serpentine.....		10 50 per ton.	@	
Bluestone: (P sq. ft.)				
Planed.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	cub. ft.
Sidewalk.....	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	
Rutland, white and blue.....	@	@ 3 00	3 50 @ 6 00	
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	
Glens Falls, black.....	@	@	Not sold.	
Italian, blue-veined.....	@	@	@ 4 40	
" Sienna.....	@	@	Not sold.	
Tennessee, red.....	@	@	@ 4 40	
" Knoxville.....	@	@	@ 4 40	
Pennsylvania, blue.....	@	@	Not sold.	
Vermont, white.....	@	@	3 50 @ 6 00	
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	
" Chapmans.....	@	@	5 30 @ 6 15	
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 5 95	
".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	
Tiles, Am..... P M.....	@	@	Salt-glazed tiles	
N. Peach Bottom, war unfading	@	@	9 75 @ 8. per ft.	
Fire Clay Roof Tile on ears at fac.	8 00 @	8 00 @	6 00 @ 6 50	
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea 13 1/2 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....			15 00 @ 25 00	25 00 @ 37 30
Spruce.....	14 00 @ 18 00	14 50 @ 16 00	Not sold.	15 00 @ 21 50
Hemlock.....	12 00 @ 16 00	12 50 @ 15 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	18 00 @ 21 00	17 00 @ 25 00	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Spruce Slab.....	@ 1 75	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	@ 1 75	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 00 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P M.....	1 40 @ 1 60	3 00 @ 3 75	4 00 @ 6 00	
Cedar split.....	@	@ 6 00	Not sold.	
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	
Cypress, Split..... P M.....	18 00 @ 20 00	5 00 @ 6 00	@	

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

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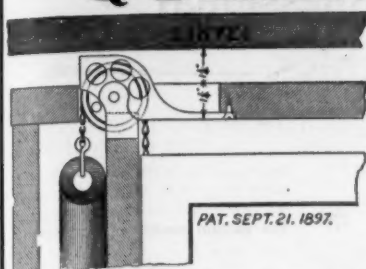
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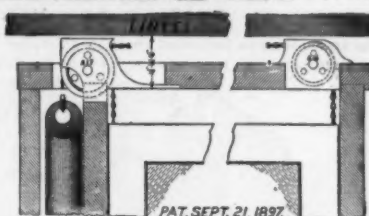
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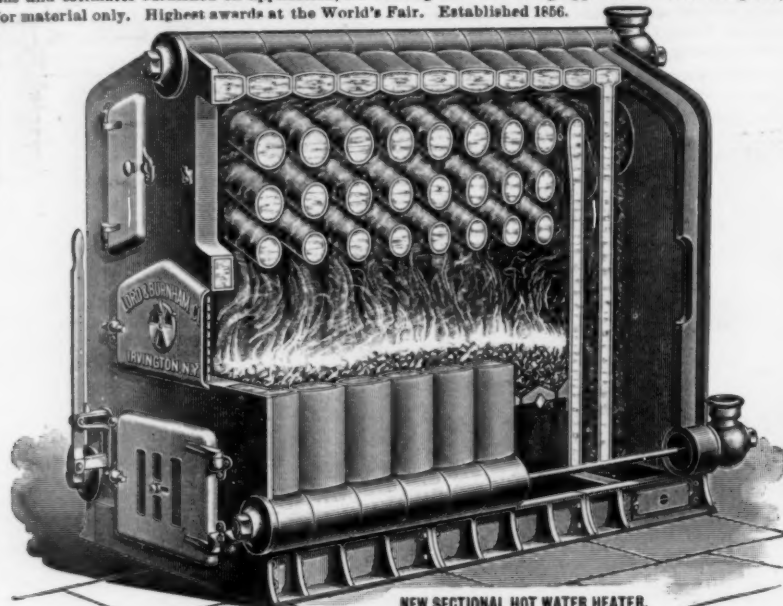
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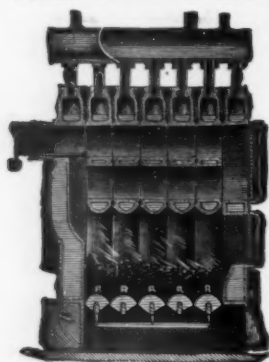
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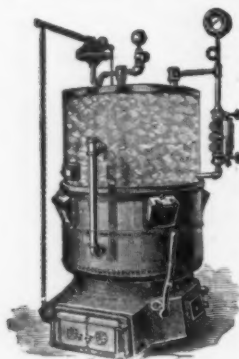
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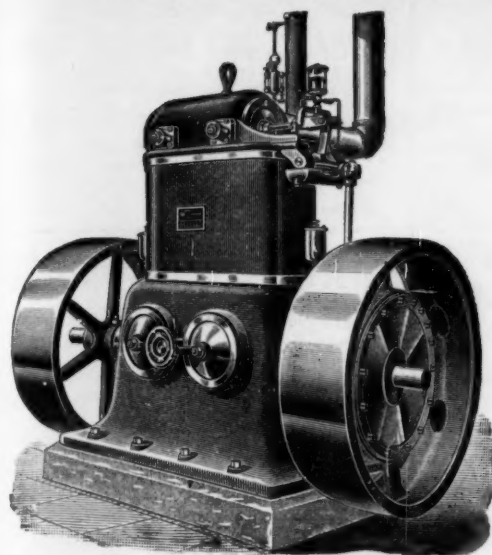
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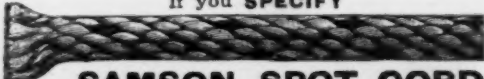
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Baltimore, Md.—A new armory is needed and the Legislature will be asked to appropriate \$400,000 for that purpose. Major Clinton L. Riggs is interested.

Bridgeport, Conn.—The question of enlarging the present City-hall or building a new one is being considered by an aldermanic committee of which Alderman Banks is chairman.

Buffalo, N. Y.—A third high-school building is to be erected and a committee from the Board of Aldermen has been chosen to select the site for a brick building to cost about \$150,000. Competitive plans will probably be called for in a short time. George Spitzmiller contemplates building a \$30,000 store and apartment-building on the east side of the city.

Cambridge, O.—S. R. Badgley, Cleveland, has prepared plans for a new church to be erected by the Methodist Congregation in the spring, to cost about \$20,000.

Chattanooga, Tenn.—The German Lutheran Congregation will build a church to cost \$10,000.

Levi Barbour, of Detroit, one of the regents of Michigan University, has just donated \$15,000 toward an art building for the University, providing a \$103,000 building shall be erected on the campus within six years. The woman's gymnasium at the University, to which Mr. Barbour gave \$10,000, has been named the Barbour gymnasium.

Chicago, Ill.—Two apartment-houses to cost \$20,000 each are to be erected on Jackson Ave., between 53d and 54th Sts., by Simon Marks, from plans by Chas. R. Ayars, 149 Monroe St.

Chas. F. Sorenson, 648 Claremont Ave., is making plans for a \$40,000 stone and pressed-brick apartment-building, 65' x 75', to be built at Buena Terrace and Hazel St., Buena Park, for A. Kolson. The directors of the Chicago Exposition Co. have decided to rebuild the Coliseum on the site of the structure recently burned. The building will be fireproof, and probably as large as the original Coliseum.

John T. Shayne, Chairman of the Sub-committee of the Commercial Association, is planning to give Chicago the grandest exposition building and botanical garden that the world ever saw. Mr. Shayne wants the building in Lake Front Park. Mr. Shayne is aided in his project by the Commercial Association. If built it will cost all the way from \$1,500,000 to \$2,000,000 to put up the building and to have a sinking fund to pay expenses for the first few years after it is ready for occupancy.

Cincinnati, O.—Plans have been prepared by Dea Jardins & Hayward, architects, St. Paul Building, for the remodeling of the Masonic Temple at 3d and Walnut Sts. About \$65,000 will be expended for the alterations.

Clayton, N. Y.—It is reported that a club-house will be erected near this city on the St. Lawrence River to cost about \$60,000. J. H. Washburn, president, Home Insurance Co., 256 Broadway, New York, is interested.

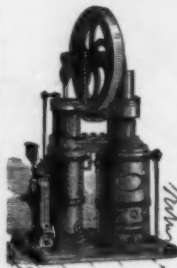
Clinton, Ia.—The Mississippi Valley Spiritualists will erect a college building in the western part of the city. Work will be begun in the spring. Over \$40,000 have been raised.

Cohocton, N. Y.—The Geneva Mineral Water Co. proposes to erect a sanitarium to cost \$200,000.

Jacksonville, Fla.—Plans prepared by Leon Beaver, architect, have been accepted for the new church building to be erected on Hogan and Church Sts., by the Union Congregational Society.

Magnolia, Mass.—Report states that plans for a five-story frame hotel, 50' x 264', are being prepared for George A. Upton; estimated cost, \$45,000.

Malden, Mass.—The competitive plans of Whitman & Hood for the new Glenwood school-building have been selected by the committee.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Manchester, Mass.—Peabody & Stearns, 53 State St., Boston, have prepared plans for the \$16,000 summer residence for the Misses Mary F. and Fannie Bartlett.

Manchester, Va.—William C. West, 1103 Main St., Richmond, has been engaged to prepare plans for an addition to the State Penitentiary and for two new buildings. Total cost of improvements \$150,000.

Marshalltown, Ia.—F. M. Thomas Post, G. A. R., contemplates erecting a memorial hall, to cost about \$30,000.

Milford, Mass.—The Universalist Church Society contemplates building a \$15,000 church, Mr. Z. C. Field, Chairman of Building Committee.

Moline, Ill.—The Lutheran Augustana Book Concern will erect a business block, 52' x 90', and four stories high, to be of pressed-brick and cost \$15,000. Architect Olof Z. Cervin, Wessel Building, will let the contracts.

Montclair, N. J.—At a meeting of the Board of Directors of the Young Men's Christian Association, the plans for the new building were approved. Work is to be commenced the latter part of January, and the structure, it is expected, will be completed in October, 1898.

Newark, N. J.—Measures are being taken to have a new city-hall and it is probable that one will be erected soon.

New Brunswick, N. J.—Plans are being formulated for the erection of a large theatre building here. The parties interested in the project are negotiating with the owners of the Waldron property in Deunis St., and if this site can be obtained the building will be erected in the spring. It is understood that those interested in the scheme are prepared to spend \$40,000.

Frank B. Allen, of Newark, the reputed owner of the burned Allen Building at the corner of George and Albany Sts., was in that city recently consulting with Wm. F. Harkins, the Street Commissioner, regarding its removal. Mr. Allen intends to erect a large department store on the site.

Newton, Mass.—The contract for remodelling the Pierce School-house for the use of the Police Department of the city has been awarded to Ireland Bros., of Newton Centre; estimated cost, \$17,000.

New York, N. Y.—Plans for a horticultural building in Bronx Park were filed by the Lord & Burnham Co. at the branch office of the Department of Buildings on Wednesday. The plans call for a one-story brick, stone and iron structure, 52' x 225', to cost \$200,000.

Owners and Builders Kemond & Andrews were given a permit and will begin to erect three-story dwellings, each 15' 9" x 50', on the northeasterly side of Lancaster Ave., beginning at the corner of 51st St., in the 34th Ward. They are estimated to cost \$78,000.

Peoria, Ill.—The asylum for the incurable insane will remain in Peoria and several new buildings will be erected.

Pittsburgh, Pa.—Local papers state that the directors of the Union Trust Co. have decided to erect a new building on the site of the building recently burned.

The contract for the five-story annex to the West Penn Hospital has been awarded to A. & S. Wilson; cost about \$60,000.

River Falls, Wis.—The Normal School is to be rebuilt. The Executive Committee have been instructed to report the condition of funds and at the same time present such preliminary plans as may be suitable for the building, February 2d, to the State Normal School Board at Madison.

San Diego, Cal.—The San Diego Normal School Trustees are said to have decided to advertise for bids for the construction of a new building to cost about \$100,000; W. R. Guy, president, J. L. Dryden, secretary.

San Francisco, Cal.—A railroad hospital, to cost about \$100,000, will be built by the Southern Pacific Co. in this city, J. Kruttschnitt, general manager.

Schenectady, N. Y.—The contract for erecting the new State Armory Building for the 36th and 37th companies has been awarded to Barnes, Butts & Ingalls, contractors, of this city, at about \$70,000.

Seranton, Pa.—L. C. Holden, architect, of New York, is preparing plans for a ten-story office-building to be erected alongside the new Board of Trade Building on Linden St., between Washington and Adams Aves. It will be of brick, stone and steel. Conrad Schroeder is president and E. S. Peck treasurer of the Stock Company.

Sheboygan, Wis.—The proposed bond issue of \$50,000 for the erection of two school-buildings was defeated.

Stevens Point, Wis.—W. D. Conover, architect, of

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Madison, has submitted plans for the proposed addition to the Normal School in this city. They provide for a building, 66' x 132', two stories with basement and attic, modern throughout. The Board of Regents will consider the plans at the next meeting.

Stow, Mass.—A \$5,000 school-house is to be built at Rockbottom. Address W. H. Parker, Chairman of Selectmen.

Troy, N. Y.—Report states that the plans for a new high school are being prepared.

Union City, Pa.—The First Methodist Episcopal Society are to erect a new church to cost about \$20,000. It will be constructed of stone and will be 80' x 120' in dimensions.

Waynesboro, Pa.—Messrs. W. O. Weaver & Son, of Harrisburg, have been awarded the contract for the erection of the Methodist Church, which will cost about \$25,000.

Winchester, Mass.—George Moffette, of Boston, has prepared plans for the alterations and additions to the First Congregational Church; cost about \$16,000; O. T. Main, Chairman of Building Committee.

Woonsocket, R. I.—The City Council has appropriated \$27,000 for new school-buildings.

Worcester, Mass.—The Boston Store Co., A. Swan Brown, president, will erect a new building soon; Fuller, Delano & Frost, architects.

APARTMENT-HOUSES.

Chicago, Ill.—Fifty-fourth St. and Greenwood Ave., three-sty bk. flats, 75' x 88, comp. roof, steam; \$40,000; o. & b., Harris & McHarris; a., Chas. M. Palmer, 1207 Monadnock Block.

W. Congress St., Nos. 1645-47, three-sty st. flats, 50' x 70', comp. roof, steam; \$15,000; o., W. S. Gooding & Co., 145 La Salle St.; a., Flower & Hays, 810 Atwood Building.

Sixty-second St., and Greenwood Ave., three-sty st. flats, 52' x 115', comp. roof, steam; \$25,000; o., Richard Curran, 21 Quincy St.; a., John K. Stone, 148 Hartford Building.

Woodlawn Ave., No. 6448, three-sty st. flats, 50' x 65', comp. roof, steam; \$20,000; o., Chas. Murray, 5526 Madison Ave.; a., Thos. McCall, 141 Fifty-third St.

Forty-eighth St. and Lake Ave., three-sty bk. & st. store & flats, 110' x 112', comp. roof, steam; \$18,000; o. & a., G. L. Harvey, 115 Monroe St.

Park Ave., Nos. 925-33, three-sty bk. flats, 100' x 106', flat roof, steam; \$48,000; o., Corse & Jeffreys, 534 Unity Building; a., C. W. Nothnagel.

West Sixtieth St., Nos. 601-609, three-sty bk. flats, 100' x 110'; \$40,000; o., Ira W. Allen; a. & b., A. Trebilcock, 525 W. 67th St.

Madison Ave., Nos. 5821-23, 2 three-sty bk. flats, each 25' x 84'; \$15,000; o., Edward Cornell; b., John T. Turner.

Fullerton Ave., Nos. 353-55, three-sty bk. flats, 47' x 80', flat roof, steam; \$12,000; o., M. S. Gregory; b., John Woodstrom.

Sixty-fifth St., Nos. 518-26, three-sty bk. flats, 98' x 125'; \$50,000; o., C. A. Londelius; a., J. F. & J. P. Doerr.

N. Kedzie Ave., Nos. 151-156, 2 three-sty bk. flats, 23' x 54'; \$13,000; o., Lizzie Gunderson; b., R. E. Perham & Co.

East Orange, N. J.—Hawthorne Pl., Hyde Park, three-sty bk. & st. flats, 45' x 100'; \$20,000; o., S. S. Childs, 45 Cortlandt St., New York City; a., W. H. Abbott, 19 Broadway, New York City.

Milwaukee, Wis.—Market and Biddle Sts., three-sty bk. & st. store & flats, 58' x 60', flat roof, steam; \$15,000; o., Louis Werrbach; a., K. S. Evans.

New York, N. Y.—One Hundred and Twenty-fifth St., cor. Boulevard, 4 five-sty bk. & st. flats & stores, 25' x 89'; \$100,000; o., Geo. G. Jackson, 208 W. 17th St.; a., Neville & Bagge.

Ninety-ninth St., cor. Boulevard, 3 five-sty bk. & st. flats & stores, one 46' x 95', the others 27' x 95'; \$120,000; a., Neville & Bagge, 217 W. 125th St.

Sixty-second St., nr. Amsterdam Ave., five-sty bk. & st. flats, 25' x 100'; \$18,000; Sixty-third St., nr. Amsterdam Ave., five-sty bk. & st. flats, 25' x 100'; \$18,000; o., Frederick King; a., Newman & Duncan.

Union Ave., nr. 150th St., 2 three-sty bk. flats, 21' x 57'; \$16,000; o., Herman Wolff, 66 E. 122d St.; a., W. C. Dickerson.

Union Ave., cor. 150th St., four-sty bk. flats & stores, 30' x 75'; \$20,000; o., Herman Wolff; a., W. C. Dickerson.

CHURCHES.

Highland, Wis.—Bk., st. & fr. church, 60' x 120', shingle roof, steam; \$10,000; o., St. John's Catholic Church; a., Voith & Leenhouts, Milwaukee.

New York, N. Y.—W. One Hundred and Twenty-third St., Nos. 135-37, bk. & st. synagogue, 46' x 95';

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HOTELS.

Brooklyn, N. Y.—Crosby Ave., cor. Bay 22d St., three-st'y fr. hotel, 60' x 65', with two-st'y extension, 30' x 40'; \$25,000; o., Geo. Shields, Bath Beach; a., Anson C. Squire, Bath Beach.

Gloucester, Mass.—Long Beach, three-st'y fr. hotel, 50' x 115', 48 rooms, shingle roof; \$12,000; a., Louis A. Dow, Melrose.

HOUSES.

Andover, Mass.—2½-st'y fr. dwell., 33' x 44'; \$8,000; o., T. Allen; a., James E. Allen, Lawrence.

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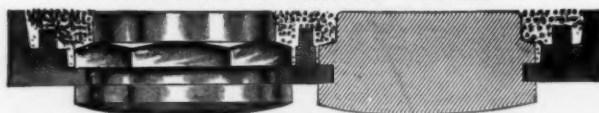
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Fowler St., nr. Glenway, Ward 20, two-st'y fr. dwell., 26' x 28' x 40', pitch roof, furnace; \$5,000; o., H. A. Cruikshank, 25 Hillsdale St., Dorchester.

Everett St., nr. Savin Hill Ave., Ward 20, two-st'y fr. dwell., 26' x 45', pitch roof, furnace; \$4,000; o. & b., Robert Armstrong, Melrose.

Colberg Ave., nr. Belgrade St., Ward 23, two-st'y fr. dwell., 26' x 46', pitch roof, furnace; \$4,000; o., Annie L. Adrian, Laselle St., W. Roxbury; b., G. W. Telfer.

Call St., nr. Carolina Ave., Ward 22, 2 three-st'y fr. dwells., 26' x 42', flat roofs, stoves; \$8,000; o., Ellen Crosby; b., F. A. Kelly, 4 Oliver St.

Sauger Ave., nr. Pleasant St., Ward 20, two-st'y fr. dwell., 28' x 47', pitch roof, furnace; \$5,500; o., Miss C. A. Powell; b., T. A. Scofield, 42 Gramplan Way.

Bay St., nr. Auckland St., Ward 24, three-st'y fr. dwell., 25' x 45', flat roof, stoves; \$4,000; o., Alice S. Jenkins; b., F. J. Farquharson, Branch Ave., Dorchester.

Spaulding St., nr. South St., Ward 23, two-st'y fr. dwell., 25' x 53', pitch roof, stoves; \$5,000; o., Robt. F. Brown; b., John Brown, 154 Quincy St.

Welles Ave., nr. Washington St., Ward 24, two-st'y fr. dwell., 38' x 48', pitch roof, hot water; \$8,000; o., Henry S. Babbitt; b., A. S. Johnson; a., W. W. Dinamoer, 28 School St.

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Cincinnati, O.—Avondale, 2½-st'y bk. dwell.; \$6,500; o., G. B. Johnson, 222 W. 4th St.; a., Emile Korrell, St. Paul Building.

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Montclair, N. J.—Union St., No. 159, 2½-st'y fr. & bk. dwell.; \$4,500; o., Chas. A. Kimball; a., Chas. G. Jones, 280 Broadway, New York City.

Monterey, Mass.—Two-st'y fr. & cobble-st. dwell., 50' x 90', hip roof, furnace; \$15,000; o., Curtis P. Judd, Chicago, Ill.; b., Robert Higgins, Great Barrington; a., Patton & Fisher, Chicago, Ill.

New Haven, Conn.—Whitney Ave., cor. Lawrence St., 2½-st'y bk. & fr. dwell.; \$20,000; o., L. G. Hoadley; a., Wm. H. Allen.

New York, N. Y.—Fifth Ave., nr. 73d St., four-st'y bk. & st. dwell., 28' x 100'; o., Mrs. Randolph Guggenheimer; a., Robert Maynick, 725 Broadway.

One Hundred and Sixty-third St. and Prospect Ave., 2½-st'y bk., st. & fr. dwell.; \$35,000; o., Wm. Ebling; a., M. J. Garvin, 331 Third Ave.

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(Continued on page xvii.)

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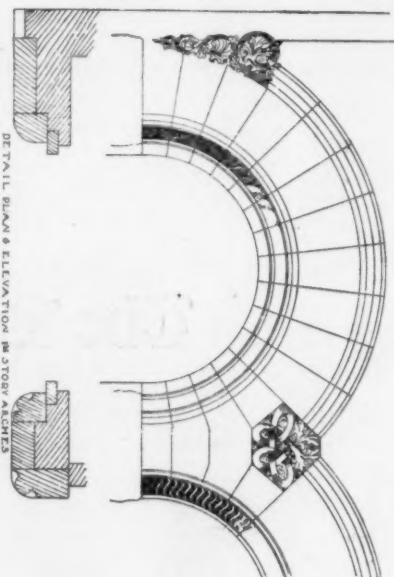
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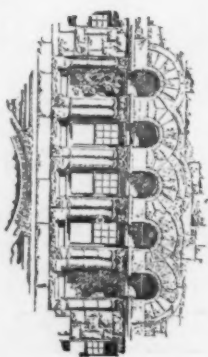
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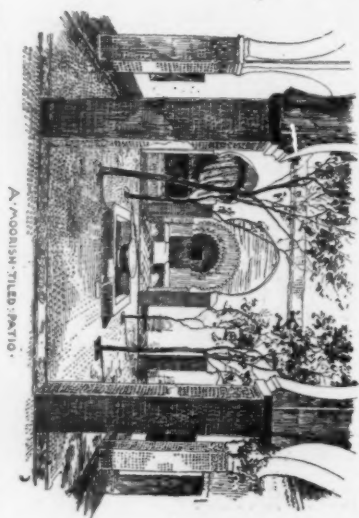
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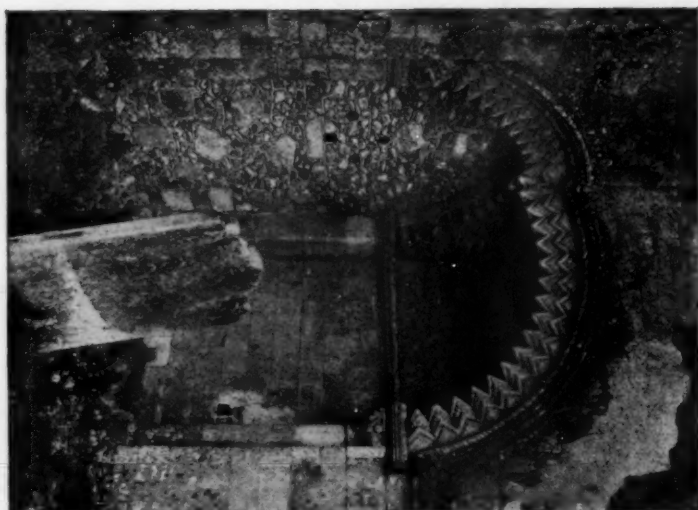
Detail from the Grolier Clubhouse, New York, N. Y.
Komeyn & Steyer, Architects.



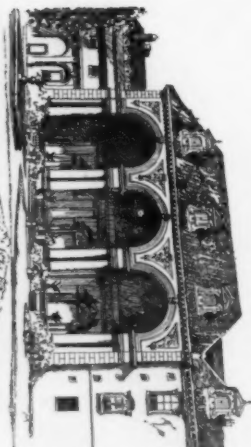
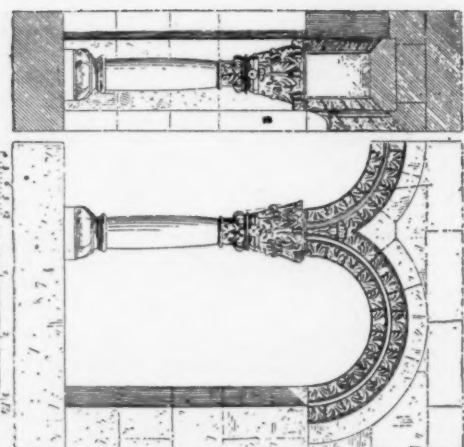
Detail from the Library, No. Easton, Mass.
H. H. Richardson, Architect.



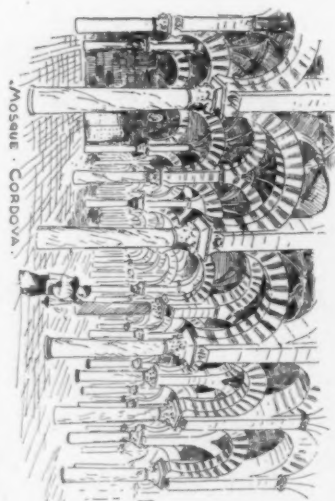
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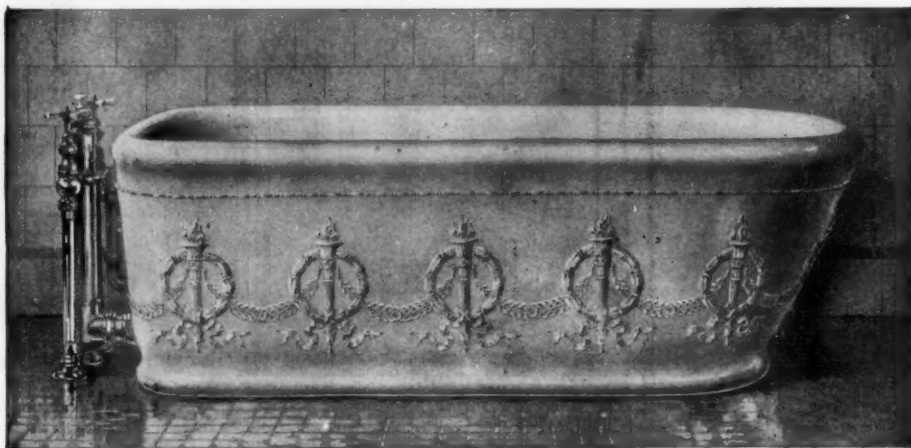
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(Houses Continued.)

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Worcester, Mass.—Ashton St., 2 three-st'y fr. dwells., 25' x 43'; \$7,000; o. A. W. Woods; c., E. D. Ward.
Providence St., two-st'y fr. dwell., 40' x 56'; \$20,000; o. A. B. Wood; a., H. D. Hale, Boston; c., J. G. Vandrom.
Edna St., three-st'y fr. dwell., 29' x 60'; \$5,000; o. T. D. Mooney; a., A. J. Harrington; c., J. A. Courtemanche.
Woodlawn Ave., three-st'y fr. dwell., 27' x 52'; \$5,000; o., H. P. Cooley; c., G. M. Hubbard.
Burkeat St., 1½-st'y fr. dwell., 24' x 45'; \$6,000; o. T. J. Mulstey; c., J. J. Sullivan.
Highland St., two-st'y fr. dwell., 46' x 57'; \$8,000; o. A. N. Booth; a., L. W. Briggs; c., A. N. Booth.
Yonkers, N. Y.—Forty 2½-st'y fr. dwells., each 25' x 40'; \$160,000; o. & b., Metropolitan Building Co., 111 Fifth Ave., New York City.
Belmont Terrace, 2½-st'y fr. dwell., 30' x 37'; \$4,500; o., Charles L. Noble; a., H. B. Jeffrey, Syracuse.
Morsemere Pl., nr. Windsor Terrace, 2½-st'y fr. dwell., 28' x 45'; \$5,000; o., E. H. Ryan, 1119 Broadway, New York City.

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Sixteenth and California Sts., four-st'y bk. block, 100' x 125'; \$90,000; o., Denver Dry Goods Co.; a., F. E. Edbrooke Co.

OFFICE-BUILDINGS.

Reading, Pa.—Fifth and Penn Sts., four-st'y office-building; \$20,000; o., F. O'Reilly.

STABLES.

Brookline, Mass.—Dudley St., two-st'y fr. stable, 28' x 40'; \$2,500; o., F. W. Paine, 44 Dudley St.; b., Richard Duffee, Roslindale; a., J. H. Morse, Boston.
Dudley St., two-st'y fr. stable, 32' x 42'; \$3,000; o., Miss L. Paine; b., Richard Duffee; a., J. H. Morse, Boston.

Jersey City, N. J.—Central Ave., No. 376, two-st'y bk. stable, 26' x 50'; \$1,000; o., Dr. H. Abernethy.
Lynn, Mass.—Boston St., 1½-st'y fr. stable, 16' x 20'; \$1,000; o. & b., Geo. S. McNeil, on premises.
Stevens St., 1½-st'y fr. stable, 16' x 28'; \$1,500; o. & b., G. H. Herriek, 56 Ingalls Ave.

New York, N. Y.—W. Thirty-eighth St., No. 342, five-st'y bk. stable, 25' x 100'; \$20,000; o., Patrick Kennedy, 642 W. 38th St.; a., John K. Kaubel, 109 W. 42d St.

Providence, R. I.—California Ave., No. 301, 1½-st'y fr. stable; \$1,500; o., Henry L. Smith, 299 California Ave.

Somerville, Mass.—Henderson St., 1½-st'y fr. stable,

BUILDING INTELLIGENCE.

(Stables Continued.)

19' x 29'; \$500; o. & b., Joseph J. Johnson, on premises.

Washington, D. C.—Twenty-fifth and G Sts., N. W., two-st'y bk. & fr. stable, 20' x 80', flat roof; \$800; o. & b., Abner & Drury.

STORES.

Milwaukee, Wis.—Milwaukee and Buffalo Sts., three-st'y bk. & st. store-building, 60' x 120', comp. roof, steam; \$20,000; o., Wellauer & Hoffman Co.; a., Henry Messmer & Son.

Toledo, O.—Adams St., two-st'y bk. department store, 62' x 80', flat roof, hot water; \$10,000; o., Mr. Steinkenhoff, Fremont; not let.

TENEMENT-HOUSES.

Lawrence, Mass.—Exchange St., three-st'y fr. flats, 40' x 80', comp. roof, hot air; \$7,000; o., W. E. and F. T. Ryan; a., W. P. Regan.
Atkinson St., three-st'y fr. flats, 40' x 90', flat roof, stores; \$8,000; o., J. E. Allen; b., F. Buckminster, Methuen.

New Haven, Conn.—Elm St., nr. Garden St., four-st'y bk. tenement; \$10,000; o. & b., John J. Sullivan.

New York, N. Y.—Cedar Pl., cor. Tinton Ave., 3 three-st'y fr. flats & stores, 21' x 79'; \$18,000; o. & b., Wahlg & Flood, 75 Prospect Ave.; a., Edward Wenz.

Stebbins Ave., cor. Home St., 2 four-st'y bk. flats & stores, 25' x 75'; \$16,000; o., G. B. Mueller, 1176 E. 16th St.; a., W. C. Dickerson.

James St., Nos. 59-61, 2 five-st'y bk., st. & terra-cotta flats & stores, 50' x 100'; \$25,000; o., P. Manecalo, 70 James St.; a., Bernstein & Stone.

Grand St., No. 552, six-st'y st. & terra-cotta store & flats, 25' x 88'; \$20,000; o., S. J. Ruth, 35 Henry St.; a., Horenburger & Straub, 122 Bowery.

Madison St., Nos. 257-259, six-st'y st. & terra-cotta flats & stores, 47' x 63'; \$35,000; o., Jacob Fischel, 197 Henry St.; a., Horenburger & Straub.

THEATRES AND HALLS.

Brooklyn, N. Y.—Gates Ave., No. 1028, three-st'y bk. building for stores & public hall, 42' x 50'; \$10,000; o., Jas. H. Hart; a., Axel Hedman, Arbuckle Building.

Yonkers, N. Y.—Buenavista Ave., nr. Hudson St., two-st'y bk. hall & storage, 25' x 75'; \$8,000; o., Exempt Firemen's Association; a., E. T. Eggleston.

WAREHOUSES.

New York, N. Y.—Thomas St., No. 56, six-st'y bk. st. & terra-cotta store & loft building, 25' x 90'; \$30,000; o., Louis Lese, 231 E. 60th St.; a., Quinby & Broome, 99 Nassau St.

Mercer St., Nos. 127-131, six-st'y bk., st. & terra-cotta fireproof store & loft building, 50' x 88'; \$75,000; o., John R. and David R. Todd, 520 Broadway; a., Neville & Bage.

MISCELLANEOUS.

Worcester, Mass.—E. Worcester St., bk. building for ice plant, 163' x 125'; o., Hygiene Ice Co.; c., A.

BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

J. Reinold; b., John Featherstone & Co., Chicago, Ill.

PROPOSALS.

SCHOOLS.

[At Charlottetown, P. E. I.] It is reported that bids are wanted January 25 by the Commissioner of Public Works for constructing the proposed Prince of Wales' College and Normal School buildings. 1150

Treasury Department, Office Supervising Architect, Washington, D. C., January 4, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of January, 1898, and opened immediately thereafter, for all the labor and materials and fixing in place complete the additions to the low temperature, hot-water heating and ventilating apparatus for the new extension of the United States Court-house and Post-office building at Little Rock, Ark., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Little Rock, Ark. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the additions to the Heating and Ventilating Apparatus at the United States Court-house and Post-office building at Little Rock, Ark.," and addressed to the Supervising Architect. 1151

Treasury Department, Office Supervising Architect, Washington, D. C., December 31, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 28th day of January, 1898, and opened immediately thereafter, for all the labor and materials required for the foundations, superstructure and roof-covering of the United States Mint building at Denver, Col., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Denver, Col. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Foundations, Superstructure and Roof-covering of the United States Mint at Denver, Col.," and addressed to the Supervising Architect. 1151

Office of Light-house Engineer, Third District, at Tompkinsville, N. Y., November 26, 1897. Proposals will be received at this office until 12 o'clock M., on Saturday, the 15th day of January, 1898, for furnishing material and labor of all kinds necessary for the construction of the Sea Wall at the United States General Light-house Depot, Staten Island, New York. The amount available for the work is about \$24,000. Forms of proposal, plans and specifications, showing what is required, can be had or seen by applying to this office. The right is reserved to reject any or all bids, and to waive any defects. D. P. HEAP, Lt.-Colonel, Corps of Engineers, U. S. Army, Engineer 3d L. H. District. 1151

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SAENGERFEST BUILDING. [At Davenport, Ia.]
 John Borwald, Chairman of the Building Committee of the Saengerfest, Room 19, Masonic Temple, will receive proposals for furnishing plans and specifications for a Saengerfest building with a seating capacity of 3,000 and a stage for 1,000 singers. 1150

COURT-HOUSE. [At Indianola, Miss.]
 Plans and specifications for the erection of a court-house, to cost not less than \$12,000 nor more than \$20,000, will be considered by the Board of Supervisors of Sunflower County on the 1st Monday in February, 1898. W. P. GOSHAM, Clerk Board Supervisors. 1150

SCHOOL-HOUSE. [At Brookline, Mass.]
 The School Committee has been given authority to procure plans and contract for the new \$140,000 brick school to be erected on Prospect St., also the \$40,000

brick grammar school to be erected on the Devotion lot. W. H. LINCOLN, Chairman of the Committee. 1150

PROPOSALS.
 Treasury Department, Office Supervising Architect, Washington, D. C., December 23, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of January, 1898, and opened immediately thereafter for all the labor and materials required for the completion of the interior finish, iron stairs and plumbing above first story, etc., of the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Com-

pletion of the Interior Finish, etc., of the United States Court-house, etc., at Omaha, Neb.," and addressed to the Supervising Architect. 1150
 Treasury Department, Office Supervising Architect, Washington, D. C., December 21, 1897. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of January, 1898, and opened immediately thereafter for a crib bulkhead and dredging and filling therefor at the United States Immigration 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, United States Public Buildings, room 105, Post-office Building, New York City. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for a Crib Bulkhead and Dredging and Filling therefor, at the United States Immigration Station, Ellis Island, New York Harbor," and addressed to the Supervising Architect. 1150

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Moulded:

Red Pressed..... @ 29 00

Buff..... @ 27 00

Moulded Red & Buff..... 45 00 @ 70 00

Enamelled: Imp..... 85 00 @ 100 00

Enamelled (edge)..... 90 00 @ 110 00

Enamelled (edge and end).....

CEMENT, LIME, etc. (P. M.)

Rosendale Cement..... 80 @ 85

Louisville..... Not sold.

Utica, Akron, Buffalo, Milwaukee, Portland, Eng. (K. B. & S.)..... 2 25 @ 2 50

" " (Black Croce)..... 2 25 @ 2 50

" " (Burnham)..... 2 50 @ 2 50

" " (White's)..... 2 65 @ 3 00

" French (Lafarge)..... 3 60 @ 3 75

" Ger. (Alsen)..... 2 90 @ 3 25

" " (Fewer)..... 2 25 @ 2 40

" " (Vorwöhler)..... 2 50 @ 2 90

" " (Lagerdofer)..... @

" " (Dyckerhoff)..... 2 75 @ 3 00

" " (Hanover)..... 2 50 @ 3 00

" " Stettin, (Anehor)..... 2 35 @ 2 45

Roman..... 2 75 @ 3 00

Keene's coarse..... 4 25 @ 4 75

" superfine..... @ 6 50

Lime:

Lime of Tell..... @ 4 00

Hydraulic Lime..... @ 1 45

Chicago Lime in bulk..... { St. John @ 75

Wisconsin Lime..... @ 85

Rockland and Rockport, (Dom.)..... @ 90

Rockland, finish..... @ 95

Kelley Island Lime, finish..... @

State, Com. cargo rates..... @ 70

State, finishing..... @ 1 10

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" (casting)..... @ 1 00

Hair (cattle) P. bush..... 14 @ 16

" (Goat)..... 18 @ 21

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Domestic Face..... 18 00 @ 25 00

Enam. Domes..... 70 00 @ 85 00

Philadelphia..... 35 00 @ 40 00

Select Red Sand..... 10 00 @ 11 00

Mold..... 10 00

Phila. mould..... 50 00 @ 80 00

Collinsville, do..... 22 00

Findlay, do 22 00

Enamelled B'k. Imported..... 105 00 @ 120 00

Enam. (edge)..... 90 00 @ 100 00

" (edge & end)..... 110 00 @ 115 00

Domestic..... 120 00 @ 135 00

Enam. (edge)..... 90 00 @ 100 00

" (edge & end)..... 110 00 @ 115 00

Bushnell Buff..... 25 00

Not sold..... 1 30 @ 1 50

Shield, English..... 2 50 @ 2 60

2 20 @ 2 50

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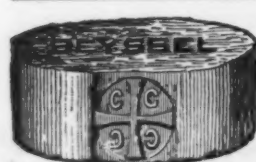
2 50 @ 2 60

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2 50 @ 2 60



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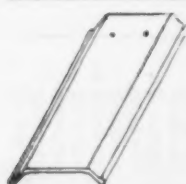
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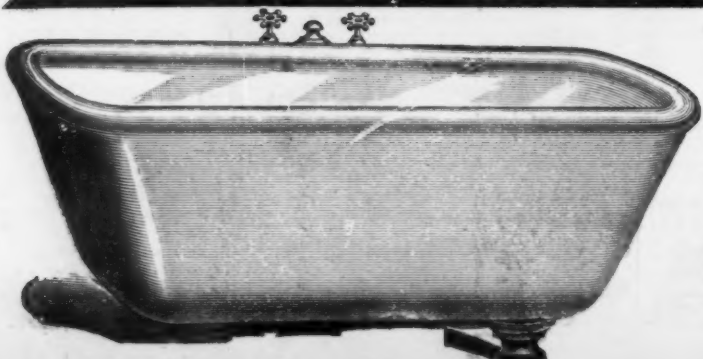
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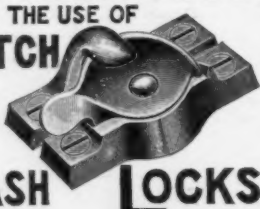
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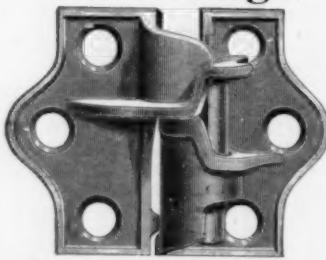
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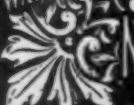
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Berea ".....	75 @ 1 00	85 @ 95
Berlin ".....	75 @ 1 00	85 @ 95
Belleville.....	90 @ 1 25	45 @ 55
New Brunswick (Dorchester)....	25 @ 1 35	45 @ 55
Potadam Red.....	75 @ 90	1 00 @ 1 10
Caen.....	1 30 @	Not sold.
Carlisle, English.....	1 40 @	1 05 @ 1 15
Corse Hill (Scotch).....	1 05 @	1 05 @ 1 15
Granite: (Maine)	60 @	1 40 @
Limestone:		
Bedford.....	45 @ 1 25	20 @ 40
Joliet.....	1 00 @	20 @
Lemont.....		20 @
Serpentine.....		20 @
Bluestone: (P sq. ft.)		
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Planned.....	50 @ 6 00	40 @ 1 75
Marble: (P cu. ft.)		
Lee, Mass.....	1 75 @ 2 50	1 00 @ 1 25
Rutland, white and blue.....	3 00 @	1 00 @ 1 25
Sutherland Falls.....	1 25 @ 1 75	Not sold.
Glens Falls, black.....	2 00 @	3 50 @ 6 00
Italian, blue-veined.....		3 50 @ 6 00
Sienna.....		Not sold.
Tennessee, red.....		4 40 @
Knoxville.....		Not sold.
Pennsylvania, blue.....		4 40 @
Vermont, white.....		4 40 @
Slate: Roofing (P square)		
Green.....	5 00 @ 6 00	3 75 @ 5 00
" unfading.....	5 00 @ 6 00	5 25 @ 6 00
Purple.....	5 00 @ 6 00	5 25 @ 6 00
Red.....	10 00 @	5 25 @ 6 00
Black, Lehigh.....	4 25 @ 4 75	10 50 @ 12 50
" Chapmans.....		4 50 @ 5 50
Genuine Bangor.....	4 35 @ 5 50	5 30 @ 6 15
Unfading black.....	6 00 @ 8 50	5 25 @ 6 80
" ".....	5 50 @ 8 00	4 25 @ 8 95
Tiles, Am..... P M.		5 50 @ 9 20
N. Peach Bottom, war. unfading		Not sold.
Fire Clay Roof Tile on cars at fac.	8 00 @	3 50 @ 6 00
LUMBER. — P M.		
Boards: (Ordinary dimensions.)		
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00
" 2d quality.....	55 00 @ 60 00	50 00 @ 60 00
" 3d quality.....	18 00 @ 22 00	42 00 @ 50 00
Spruce.....	20 00 @ 25 00	20 00 @ 28 00
Hemlock.....	11 00 @ 17 00	Not sold.
Yellow pine.....	12 00 @ 14 00	10 00 @ 12 00
Cypress.....	20 00 @ 35 00	18 00 @ 25 00
Clapboards:		
Pine.....	28 00 @ 40 00	30 00 @ 35 00
Spruce.....	38 00 @ 50 00	25 00 @ 30 00
Framing Timber:		
Pine.....	24 00 @ 35 00	Not sold.
Spruce.....		Not sold.
Hemlock.....	14 00 @ 18 00	15 00 @ 25 00
Yellow pine.....	12 00 @ 16 00	10 00 @ 15 00
Laths: Spruce Slab.....	18 00 @ 21 00	16 00 @ 25 00
Pine.....	1 75 @	1 90 @ 2 00
Spruce.....	2 25 @ 2 50	Not sold.
Shingles:	1 75 @ 1 85	Not sold.
Pine, shaved..... P M.	5 00 @ 6 00	2 60 @ 2 75
Pine, sawed..... " "	4 00 @ 5 00	Not sold.
Spruce, sawed..... " "	1 50 @ 2 00	4 60 @ 6 00
Redwood..... P 125.	1 40 @ 1 60	Not sold.
Cedar split..... P M.		2 50 @ 2 90
Cedar sawed..... " "	2 00 @ 3 25	
Cypress, Split..... 7 x 24 " "	18 00 @ 20 00	5 00 @ 6 00

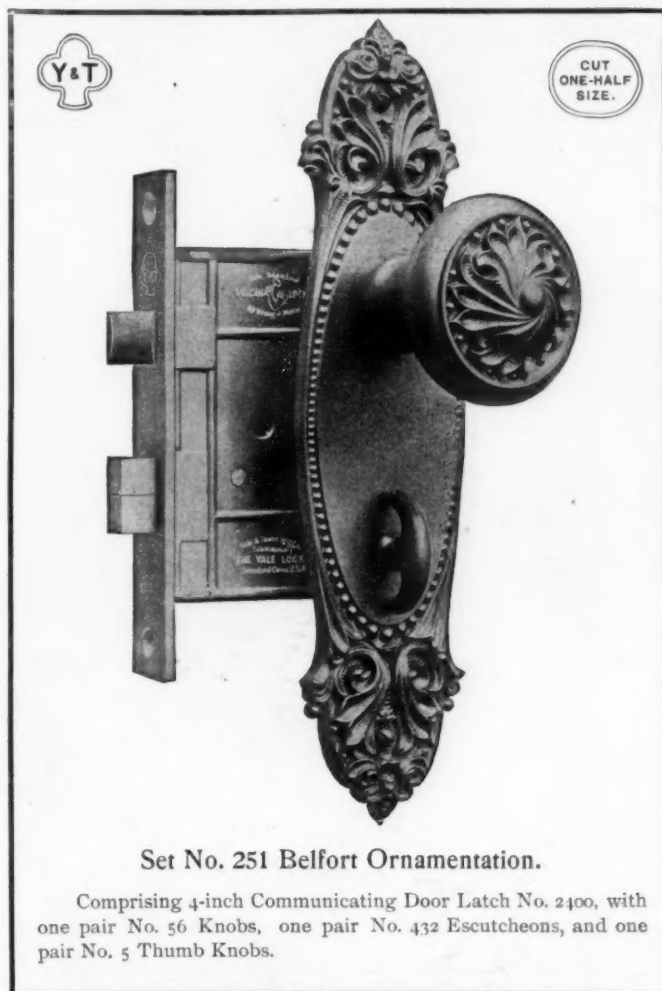
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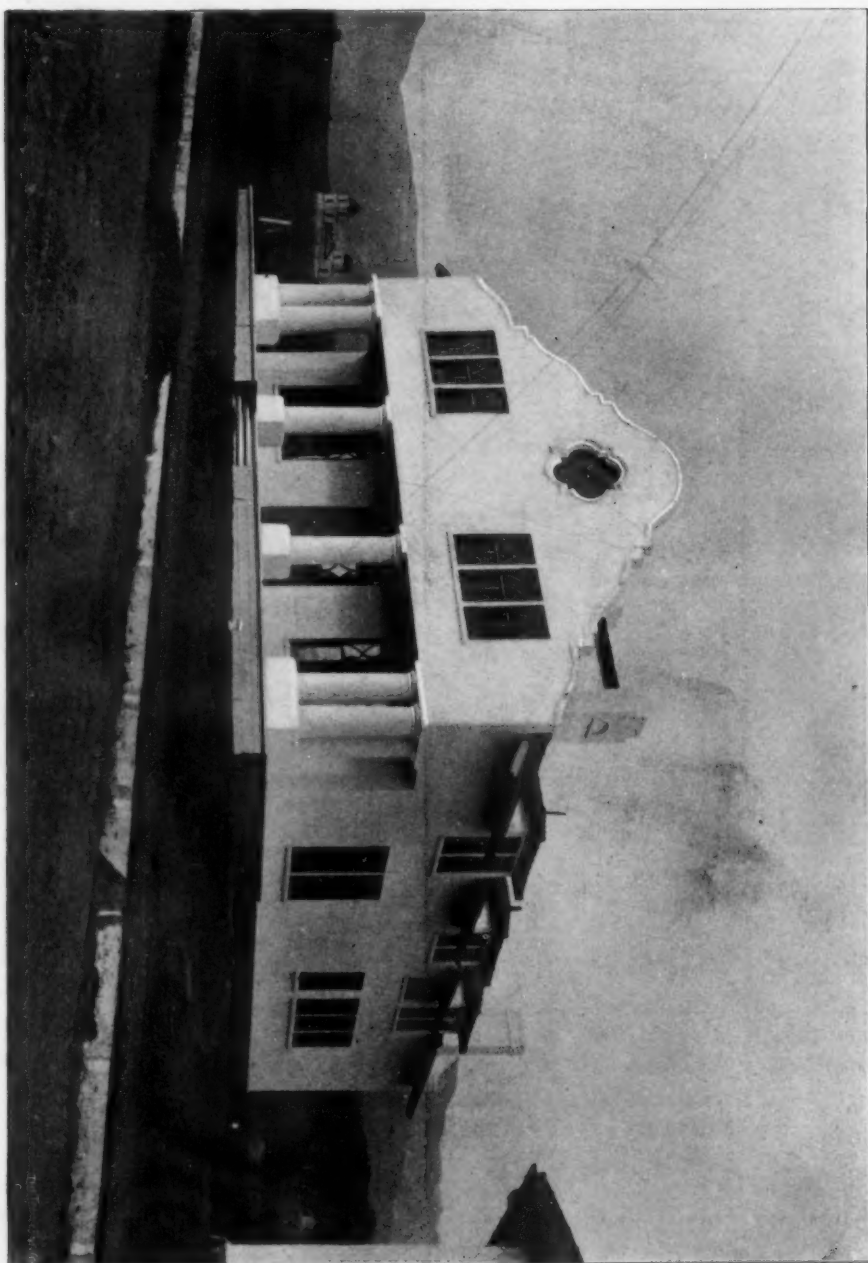
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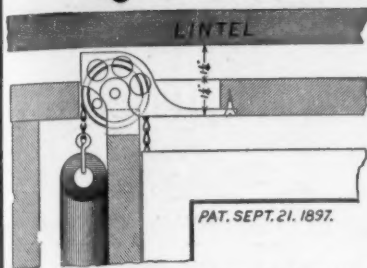
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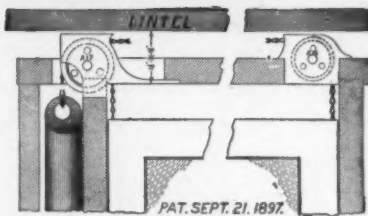
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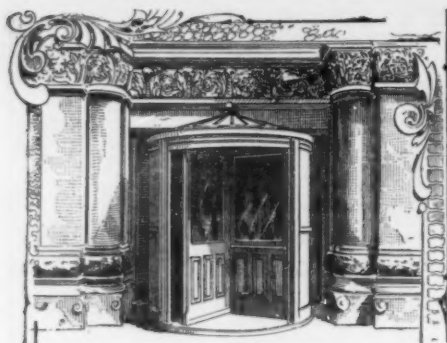
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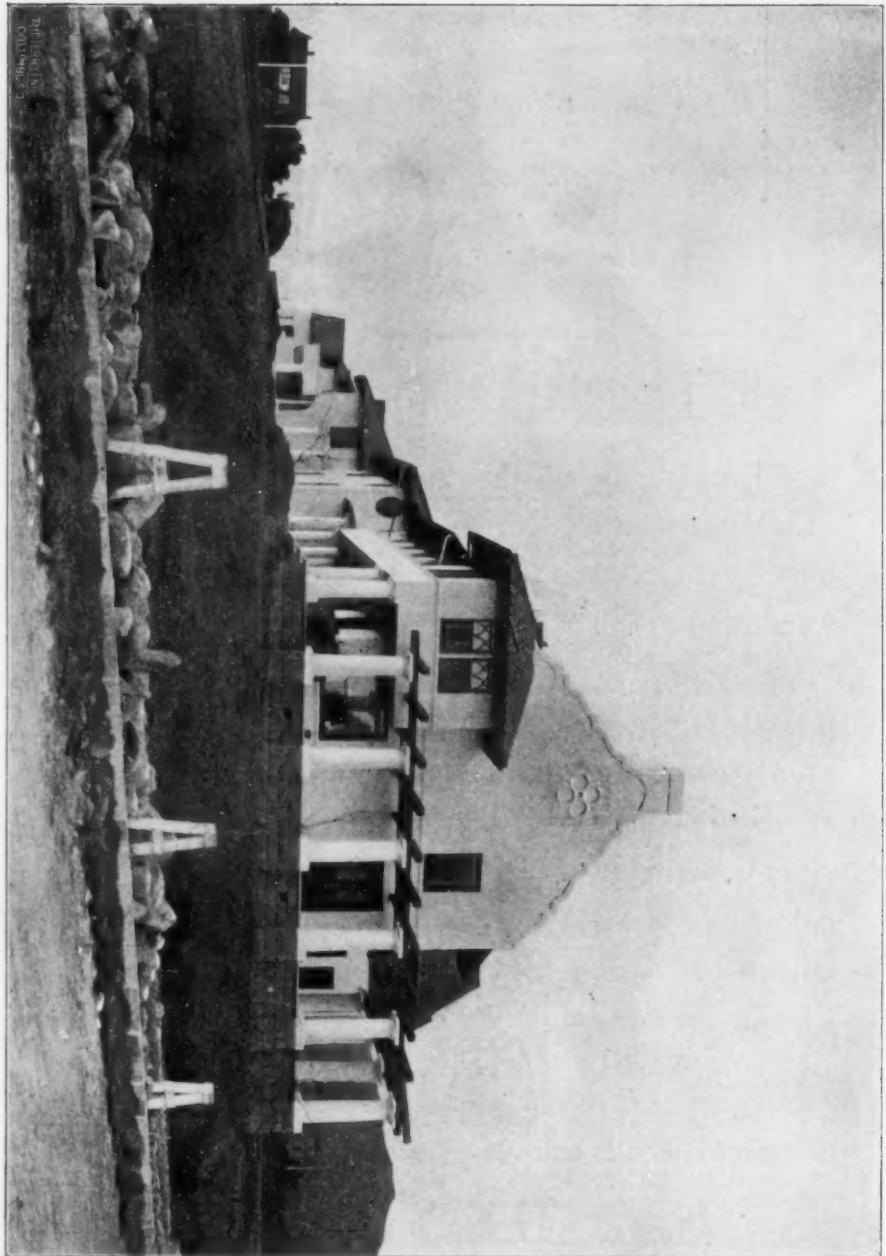
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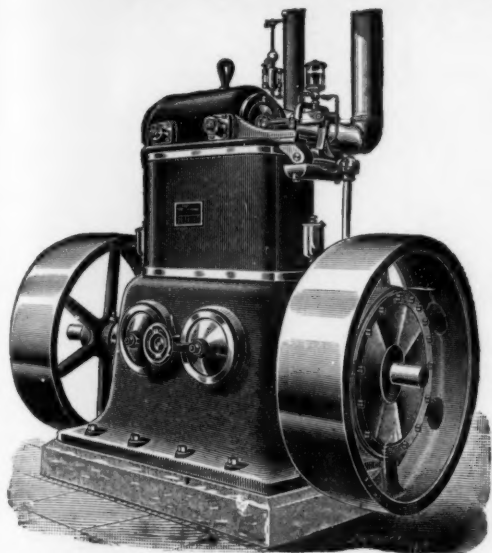
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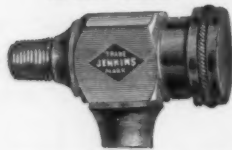
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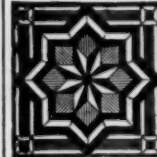
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BENJAMIN MOORE & CO. (Brooklyn, N. Y.),
Muresco. Page xii.
RANDOLPH & CLOWES (Waterbury, Conn.),
Boilers (Range). Page xvii.
HENRY D. DUPEE (Boston, Mass.), Exhibition.
Page xi.

See last or next issue for the following advertisements:—

Belmont Iron Works.
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yoke, Mass.
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—Jefferson D. Thompson, Washington, D. C.
596,698. HINGE.—Martin Gallagher, Philadelphia,
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596,709. AUTOMATIC DAMPER FOR REGISTERS.—
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596,717-718. WATER-HEATER OR BOILER.—Mil-
ton O. Roberts, Collegeville, Pa.
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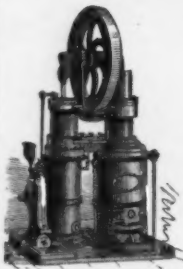
BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

- Annapolis, Md.—According to estimate of Secre-
tary of War Roosevelt, \$1,000,000 will be required
to reconstruct the buildings of the Naval Academy.
Boston, Mass.—The society of the Church of St.
John the Evangelist contemplate building a new
church and mission as the present edifice on Bow-
doin St. is too small.
A. W. Longfellow, Jr., has prepared plans for
remodelling the building No. 30 Tremont St., lately
purchased by the City from the Massachusetts
Historical Society. A steel skeleton frame resting
on a concrete foundation will provide support for
the four added stories.
Brooklyn, N. Y.—The plans of J. Graham Glover,
186 Remsen St., have been selected for the proposed
new Erasmus High School, the estimated cost of
which is \$390,000.
J. B. McElpatrick & Son, 1402 Broadway, New
York City, are preparing sketches for altering and
remodelling a theatre owned by Hyde & Behman,
342 Adams St.
The Building Committee of the Brooklyn Church
Society is stated to have adopted plans for the
erection of the new Union M. E. Church, to be
located on the site occupied by the Leonard St. M.
E. Church, Leonard and Conselyea Sts.; estimated
cost, \$25,000, Rev. C. P. Corner, pastor.
Buffalo, N. Y.—Lansing & Beierl have prepared
the plans for a \$25,000 residence for H. M. Hewitt
to be erected on the south side of Lafayette Ave.,
near Elmwood.
The contract for the construction of the new
armory for the 74th regiment has been awarded to
C. Berriek's Sons, of this city, at \$335,585. Material
will be Medina sandstone.
Chester, Pa.—When J. Lewis Crozer died, he be-
queathed \$500,000 for the founding of a homeo-

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HOT-AIR PUMPING ENGINES, and will be happy to send Cata-
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be carried, and an investigation of the engines is solicited.

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**BUILDING INTELLIGENCE.**

(Advance Rumors Continued.)

pathic hospital at such a time as Mrs. Crozer saw
fit to carry out the conditions of the will. Within
the past two or three weeks about 40 acres of
ground have been purchased from the surviving
brothers of Mr. Crozer, and the project is assuming
the appearance of an early start. The property
purchased is bounded on the north by Upland Ave.,
on the east by Ship Creek, on the south by Chester
Creek and on the west by the Seminary grounds.
The main building will front on Upland Ave.

Chicago, Ill.—It is reported that Henry Ives Cobb,
100 Washington St., will design the new home for
the Quadrangle Club of the University of Chicago.

John Druecker will build a large brick warehouse
at 111 to 121 N. Canal St.; building will have a dock
frontage of 165' and 75' deep, to be 15 stories and
basement high, and cost \$300,000. Architect F. B.
Abbott, 225 Dearborn St., has let excavating
contract to A. Lund.

Chicopee, Mass.—A new building for a union
grammar school is contemplated.

Cleveland, O.—Efforts are being made by School
Director Sargent to have two new high-school
buildings erected. Estimated to cost \$75,000 each.
Plans have been furnished for the new Trinity
Cathedral. The building will cost about \$250,000.

The Home Building Co. has been incorporated
and will erect a six-story building on Huron and
Prospect Sts. for the Home Telephone Co.; capital,
\$100,000. D. R. Taylor, president; F. M. Stearns,
secretary.

Columbia City, Ind.—It is reported that a com-
pany will erect a new hotel here to cost in the
neighborhood of \$70,000.

Columbus, O.—Papers of incorporation have been
filed by the Masonic Temple Association. A site
has been selected on 4th St., where a new temple
will be erected.

Danvers, Mass.—Report states that a \$10,000 build-
ing for a police station and fire-engine house is to
be erected and a committee has been appointed to
secure plans for the same. Albert A. Bates, of
Davenport, is Chairman of Selectmen.

Denver, Col.—Residences to cost between \$30,000
and \$50,000 each are to be built on Capitol Hill, for
J. S. Riche and F. P. Ernest.

Detroit, Mich.—J. L. Beuler will erect a brick
terrace to cost \$25,000, on Columbia and Brush Sts.,
from designs by W. S. Joy.

Mrs. L. C. Prentiss will erect a brick and stone
dwelling on Palmer Ave., to cost \$15,000.

Mathew Finn will erect a two-story double stone
residence, to cost \$12,000, on Cass Ave. from designs
by Norval Wardrop.

Robert McMillan will make improvements to his
store, corner Randolph and Macomb Sts., to cost
\$5,000; Gordon W. Lloyd, architect.

Easton, Pa.—Report states that Pardee Hall, of
Lafayette College, lately destroyed by fire, is to be
rebuilt.

Elkins, W. Va.—Hon. H. G. Davis, of Washington,
and Senator Elkins have pledged \$30,000 towards
the erection of buildings for the proposed Elkins
College, if the Presbyterian Church of W. Virginia
and Virginia will contribute an equal amount.
Agents of the church are now soliciting the re-
mainder of the funds.

Fitchburg, Mass.—A new grammar school is recom-
mended by Mayor Rockwell.

Houston, Tex.—A press report states that the In-
ternational & Great Northern Railway Co. will at
once erect a new depot here at a cost of about
\$300,000.

Jersey City, N. J.—Jeremiah O'Rourke & Sons, of
Newark, have been selected as the architects for
the new \$250,000 school, gymnasium and theatre,
to be erected at Bamhall, Ocean and Clerk Sts.,
Jersey City Heights, for the society of St. Patrick's
Roman Catholic Church.

Joliet, Ill.—John Lambert, vice-president of the
Consolidated Wire & Steel Co., gave as a New
Year's gift to the city the sum of \$37,000 for the
erection of a public library building.

Lancaster, Pa.—It has been decided to commence
work on the proposed Y. M. C. A. building April
1st. When the plans are completed proposals for
the construction will be received. The building is
estimated to cost about \$150,000.

Lansdale, Pa.—The Lansdale School Board will
erect a new school-house of eight rooms at a cost of
\$20,000.

Lockhaven, Pa.—A new opera-house is contem-
plated in this town. It will be one-story and base-
ment, with gallery, built of stone, brick and iron
and have all improvements; \$20,000. R. B. Kane is
interested.

Lowell, Mass.—The Merrimack Street Station of the
B. & M. R. R. lately affected by fire is to be restored
to its original condition as regards the first story.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

A new roof will be put on and general repairs
made where needed.

Nashua, N. H.—Plans are being submitted for the
remodelling of the City-hall to the committee
selected by the City Council.

New Orleans, La.—A three-story brick and iron
theatre building, 70' x 160', to cost \$25,000, will be
built by a company represented by Mr. J. J. Cor-
coran, 3047 Royal St.

Newport, R. I.—The Newport Hospital Trustees
have sold to William Starr Miller, of New York, a
tract of land of seven acres on Ocean Ave., opposite
Stuyvesant Fish's new cottage, as a site for a cot-
tage which Mr. Miller purposes to have erected as
soon as practicable.

Report states that Mr. and Mrs. Potter Palmer,
of Chicago, have had plans prepared for a villa.

New York, N. Y.—Plans perfected by Robert May-
nick, who is going to erect for the Germania Bank
a six-story structure, at a cost of \$200,000, have
been filed. The new bank building will be six
stories in height, the ground and basement floors
to be used by the bank and the upper part for
offices. The building is to be erected on the north-
west corner of Bowery and Spring St.

Local papers state that Mr. Solomon Loeb, of the
firm Kuhn, Loeb & Co., has purchased the lot on
the southeast corner of 2d Ave. and 21st St.,
measuring 65' x 90'. After tearing down the build-
ing thereon he will erect a seven-story home and
office-building, which will be presented to the
United Hebrew Charities. The cost of the new
building and land will be about \$150,000.

Plans have been prepared for a five-story brick,
stone and terra-cotta building, 100' x 145', by N. Le
Brun & Sons, for the Marist Brothers of the Church
of St. Jean Baptiste, to be erected at the corner of
77th St. and Lexington Ave.

Plans for the new hotel which is to occupy the
site of the old Fourth Presbyterian Church, on 34th
St., nr. 6th Ave., have been filed at the Department
of Buildings. It will be twelve stories in height,
having a frontage of 80', and it is estimated will

READY JANUARY 22.

PART I

— OF —

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And Others.



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AMERICAN ARCHITECT AND BUILDING NEWS CO.

PART II

[IN PREPARATION].

The price for Part II, which will contain much more matter than Part I, will be \$6.00.

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(Advance Rumors Continued.)

cost \$500,000. The Knickerbocker Realty Improvement Co. is the owner.

Painesville, O.—Competitive plans for a \$40,000 school-building have been drawn and the construction will be started in the spring.

Philadelphia, Pa.—Owners and builders White & Harrar will begin at once to erect 26 dwellings, including two stores, in the 34th Ward.

The Haseltine Building, on Chestnut St., above Broad St., which was gutted by fire about a year ago, has been sold to a syndicate of Chicago capitalists for \$600,000. Lawyer Jerome Carty, of this city, represents the syndicate and conducted the negotiations. Mr. Carty says that the syndicate will tear down the present building and erect on the site a magnificent seventeen-story office-building, to be known as the Columbus Building, at a cost of \$350,000. It is to be of fireproof construction throughout, and will have handsome fronts on Chestnut and Sansom Sts. The frontage on Chestnut St. is 54', and the depth 240'. The Chestnut St. portion of the structure is to be divided into office suites, while the Sansom St. end will be used for storage and warehousing purposes, and will also contain safety deposit vaults. The first floor will be used for banking purposes, and Mr. Haseltine will occupy the entire second floor for his art gallery. The plans and specifications are the result of a competition among many prominent architects of the country. It is hoped to have the building completed this year.

Bids will be asked within ten days by F. W. Roberts & Co. and Edward V. Seeler, associate architects, for the new Real Estate Trust Building to be erected at the southeast corner of Broad and Chestnut Sts. The plans are practically completed and it is the present purpose of the company to

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(Advance Rumors Continued.)

have only a portion of the building erected at present and the balance of the structure will be started as soon as the easterly portion of the site is vacated.

A syndicate represented by Capt. Benson of the New York Mutual Insurance Company contemplate erecting a large apartment-house near Broad and Spruce Sts.

Plans are now being prepared by Wilson Bros. and G. W. & W. D. Hewitt for the buildings for the American Manufacturers' Exposition. The cost will be about \$500,000, and the site chosen is between the river and almshouse buildings in West Philadelphia. Peter A. B. Widener has been elected president of the Exposition, and construction is to start in the spring.

Pittsburgh, Pa.—The St. Paul's Cathedral Lyceum has under consideration plans for the erection of a gymnasium. The new building is to be built in the rear of the Episcopal residence and will cost about \$25,000.

It is stated that the congregation of the First United Presbyterian Church will erect a new edifice on 5th Ave., Bellefield, at a cost of about \$50,000.

The contract for erecting the new Liberty Market-house, East End, is stated to have been awarded to George Hogg, at \$130,000, Jas. R. Mellon, Pres. Bd. Directors.

Providence, R. I.—\$20,000 have been appropriated for a primary school-building to be erected at the corner of Preston and Ives Sts.

Quincy, Ill.—It is stated that plans are about completed for the new depot to be erected here by the Chicago, Burlington & Quincy Railroad Co.; estimated cost, \$75,000; F. C. Rice, Supt.

Reading, Mass.—The will of the late Fred W. Hatch was filed yesterday in the Middlesex Probate Court at East Cambridge. The will provides that after the death of his wife the town shall receive \$10,000, to be used toward the erection of a public library.

Red Bank, N. J.—At the annual meeting of the New Jersey Society Sons of the American Revolution, held in Newark recently, a committee report was adopted recommending the erection of a new monument on the grounds here, at a cost of \$50,000.

Syracuse, N. Y.—Prof. Edwin H. Gaggin, of Architectural Department of Syracuse University, is preparing plans for the new building which is to be erected on the campus for the instruction of physical science; estimated cost about \$60,000. President Charles R. Day is in charge.

Toledo, O.—Local papers state that E. O. Fallis & Co. are at work on the plans for the hospital and other new buildings to be erected at the State Hospital. The Board of Trustees are said to have asked the Legislature for an appropriation of \$139,000 for the proposed improvements.

Vinton, Ia.—A \$20,000 school-building is to be built.

Washington, D. C.—Plans for a seven-story building to cost \$300,000 for the Evening Star Newspaper Co. has been completed by W. J. Marsh and W. G. Peter, architects of this city.

Worcester, Mass.—Architect W. H. Harvey is preparing plans for a three-story brick apartment-block to be erected on Quinsigamond Ave., for B. W. Potter and William Powers; cost, \$20,000.

A. S. Lomel has decided to erect his building as originally planned, a five-story structure, to cost \$75,000; Earle & Fisher, architects.

ALTERATIONS AND ADDITIONS.

Springfield, Mass.—W. State St., bk. addition to hotel, 30' x 50', of 14 rooms, tin roof; \$5,000; o. Emile Lerche; c. Charles M. Dean; a. F. R. Richmond and J. W. Donohue.

BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Chicago, Ill.—Sixtieth St. and Prairie Ave., three-story bk. & st. flats, 133' x 160', tile & comp. roof, steam; \$75,000; o. John Martin; a. Simon B. Eisen-drath.

Garfield Boulevard, Green and Halsted Sts., four-story & base, bk. & st. flats, 150' x 192', comp. roof, steam; \$80,000; o. Thos. Byrne; a. Robt. S. Smith, 185 Dearborn St.

Buena Park Terrace and Hazel St., three-story & base, st. & bk. flats, 60' x 175', flat roof, steam; \$38,000; o. A. Holsten; a. Charles F. Sorenson, 648 N. Claremont St.

W. Madison St. and Spaulding Ave., four-story st. & bk. flats, 102' x 197', comp. roof, steam; \$75,000; a. Flower & Hays, 809 Atwood Block.

New York, N. Y.—Seventy-third St., cor. Boulevard, fourteen-story bk. flats & stores, 123' x 239'; \$800,000; o. W. E. D. Stokes, Astoria Hotel; a. John R. Heinichman.

One Hundred and Thirty-seventh St., nr. Brown Pl., 4 five-story bk. flats, 25' x 51'; \$80,000; o. W. C. Oesting, 3 2 St. Ann's Ave.; a. H. T. Howell.

Boulevard, cor. 94th St., seven-story bk. & st. flats, 17' x 100'; \$150,000; a. Alex. Walker, 892 West End Ave.; a. George F. Pelham.

One Hundred and Sixth St., cor. West End Ave., 2 six-story bk. & st. flats, 51' x 95' & 50' x 57'; \$150,000; o. Dalley & Carlson, 1742 Amsterdam Ave.; a. Neville & Bagge.

One Hundredth St., nr. Park Ave., 4 five-story bk. flats, 25' x 80'; \$72,000; o. Farnham & Lippman; a. Thomas Graham, 1234 Madison Ave.

One Hundred and Seventeenth St., nr. Lenox Ave., 4 five-story bk. & st. flats, 25' x 87'; \$84,000; o. b. David Burton, 2550 Western Boulevard; a. Harry T. Howell, 748 E. 138th St.

Eighty-third St., nr. Riverside Drive, 2 six-story bk. flats, 42' x 92'; \$130,000; o. Noble & Gauss, 1513 Lexington Ave.; a. Jas. E. Ware, 487 Fifth Ave.
St. Nicholas Ave., nr. 111th St., 2 five-story bk. flats; \$85,000; o. F. W. Moore, 119 W. 33d St.; a. W. J. Dilthey.

CHURCHES.

Brooklyn, N. Y.—Bushwick Ave., cor. Madison St., one-story bk. church, 100' x 140'; \$80,000; o. G. F. Chapman, 114 Rushwick Ave.; a. G. W. Kramer, 1 Madison Ave., New York City.

EDUCATIONAL.

Metropolitan, N. Y.—Two-story bk. public school, 63' x 83'; \$30,000; o. School Board; a. Karr & Poole, 70 Fifth Ave., New York City.

HOUSES.

Becket, Mass.—2½-story fr. dwell., 40' x 60', pitch roof, hot air; \$5,000; o. S. J. Whyte, Springfield; a. B. H. Seabury, Springfield.

Boston, Mass.—Minden St., No. 83, Ward 19, three-story fr. dwell., 25' x 45', flat roof, stores; \$4,000; o. Fred'k Bleiler, 15 Day St.

Blackwell St., nr. Neponset Ave., Ward 24, 2 two-story fr. dwell., 28' x 34', pitch roofs, furnaces; \$10,000. o. & b. Hugh Murray.

Dundee St., nr. Massachusetts Ave., Ward 10, three-story bk. dwell. & store, 20' x 40', flat roof, stores; \$5,000; o. & b. Henry Dupont, 973 Columbus Ave.

Blue Hill Ave., nr. Cheney St., Ward 21, 6 four-story bk. dwell., 23' x 56', flat roofs, steam; \$50,000; o. & b. Fritz Hurwitz & Co.

Robinson Ave., nr. Enfield St., Ward 22, fr. dwell., 30' x 36', pitch roof, furnace; \$20,000; o. P. H. Costello; b. Willis Bros.

Tufts St., nr. Princeton St., Ward 3, 2 three-story fr. dwell.; \$9,000; o. Hilda Carlson; b. Alfred Jacobson, Maplewood.

Elm Hill Ave., nr. Wenonah St., Ward 21, two-story fr. dwell., 35' x 45', pitch roof, furnace; \$7,500; o. Dr. N. W. White, 61 Warren St.; b. B. W. Neal, Jr.

(Continued on page xvii.)

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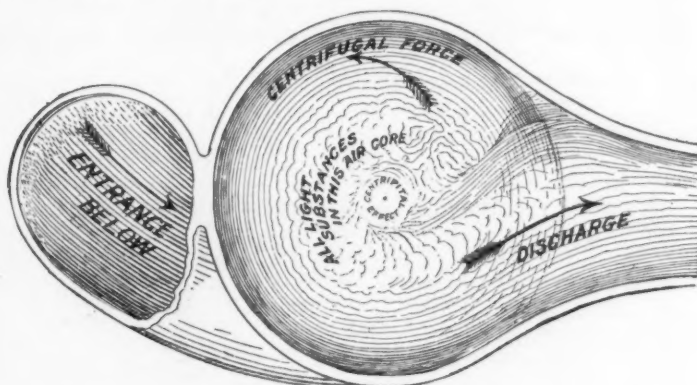
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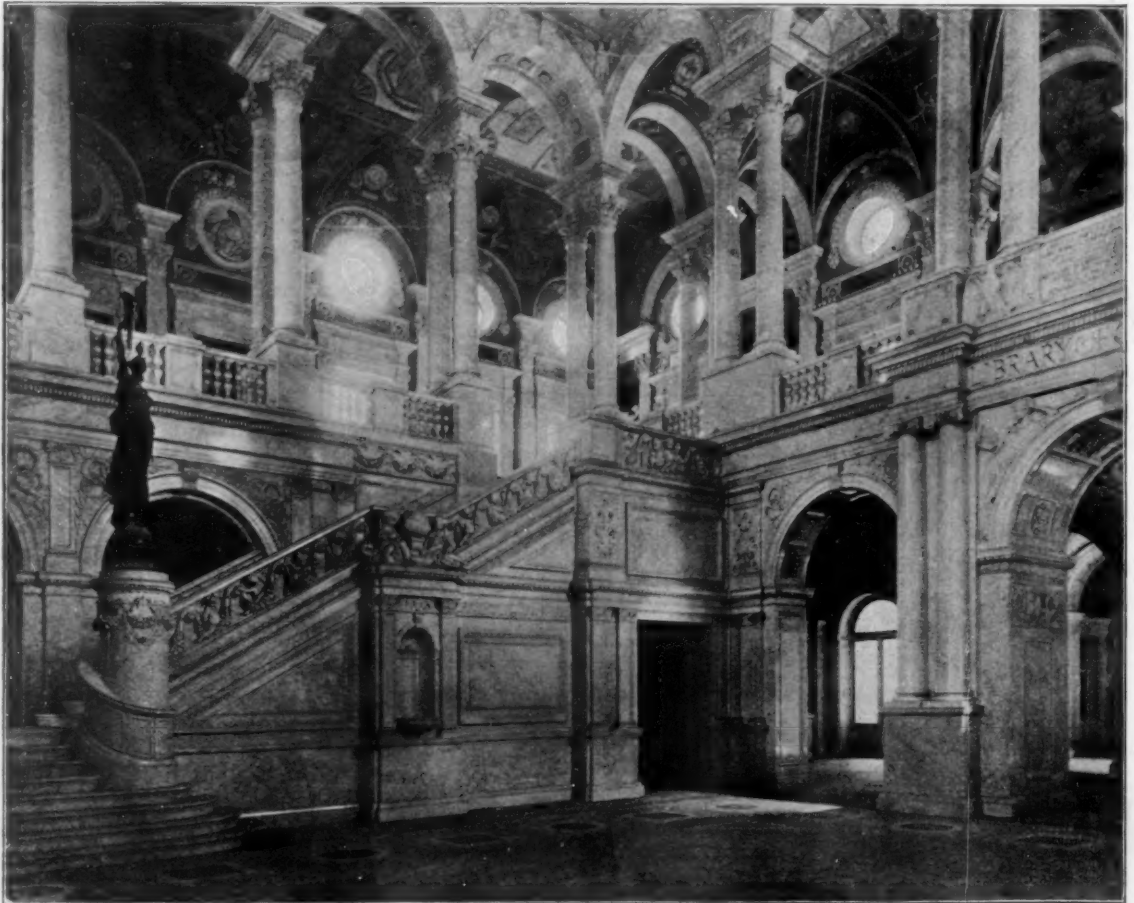
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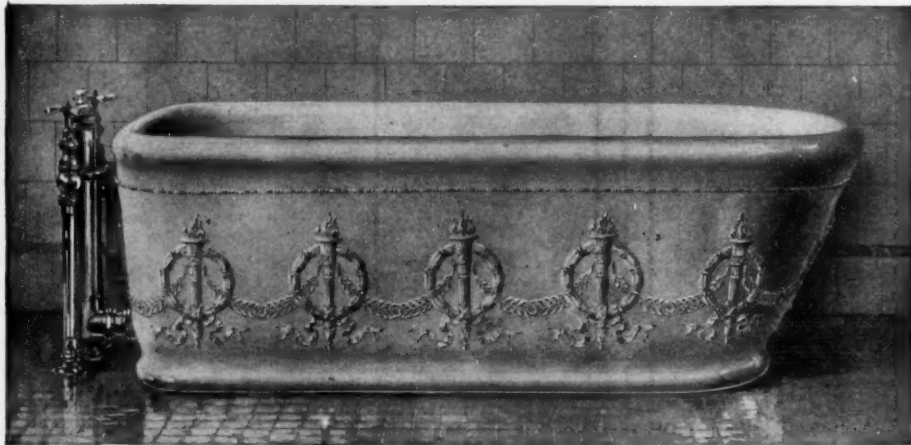
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Hartford Ave., nr. Hartford St., Ward 16, 3 three-st'y fr. dwells., 28' x 48', and one two-st'y fr. dwell., 24' x 42', flat roofs, stoves; \$13,000; o., J. H. Shaw & Co.; b., Wm. Riley, 22 Auckland St.; a., W. H. Bearick.

Bigelow St., nr. High St., Ward 25, 2½-st'y fr. dwell., 29' x 32' x 39', hip roof, steam; \$5,000; o. & b., Albert E. French, 15 Court St.

Neponset Ave., nr. Pope's Hill St., Ward 24, two-st'y fr. dwell., 28' x 44', pitch roof, furnace; \$5,000; o. & b., Isaac Stewart.

Chickadee St., nr. Neponset Ave., Ward 24, two-st'y fr. dwell., 26' x 44', pitch roof, furnace; \$5,000; o. & b., Wm. McNeill.

Brooklyn, N. Y.—St. Paul's Ch., nr. Ocean Ave., 2½-st'y fr. dwell., 37' x 50'; \$8,500; o., Robert Lip-trott, 11 E. 19th St.; a., H. R. Brewster, 45 Exchange Pl., New York City.

Clarkson St., nr. Rogers Ave., three-st'y bk. dwell., 23' x 52'; \$7,000; o., F. W. Slade, 125 Clark-son St.; a., G. M. Lawton.

Park Pl., nr. Kingston Ave., 3 two-st'y bk. dwells., 21' x 48'; \$18,000; o., A. P. Blist, 577 Carroll St.

Chelsea, Mass.—Louis St., three-st'y fr. dwell., 22' x 44', pitch roof, furnace; \$4,500; o., Ferdinand Zesha, 39 Louis St.; b., F. A. Jones.

Chicago, Ill.—Thirty-fourth St., bet. Cottage Grove & Rhodes Ave., 30 bk. & st. dwells.; \$9,000 to \$12,000 each; o., Union Mutual Insurance Co., D. G. Hamilton, agent, 160 Washington St.; genl. c., W. M. Crilley; a., Solon S. Beaman.

Lynn, Mass.—W. Maple St., 2½-st'y fr. dwell., 24' x 42', shingle roof, furnace; \$4,500; o., George N. Nichols, 58 Beacon Hill Ave.; b., J. W. Geary; a., Penn Varney.

Malden, Mass.—2½-st'y fr. dwell., 33' x 40', gambrel roof, steam; \$4,000; o., Wm. C. Oliver; a., Ernest A. Snow, Boston; not let.

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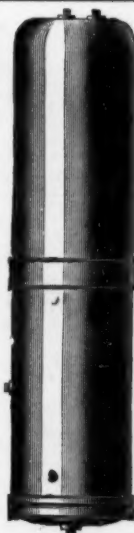
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Toledo, O.—Scottwood Ave., two-st'y bk. dwell., slate roof, hot water; \$6,000; o., C. E. Browner; a., A. B. Sturgis, 308 Spitzer Building.

Worcester, Mass.—Huntington Ave., 2½-st'y fr. dwell.; \$5,000; o., Mrs. Nellie O. Whittemore; c., C. E. Anderson.

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Brookline, Mass.—Pond Ave., No. 267, four-st'y fr. tenement, 27' x 59', flat roof, stoves; \$6,000; o. & b., J. H. Kerning, Pond Ave.
Chelsea, Mass.—Crescent Ave., three-st'y fr. tenement for 6 families, 42' x 46', shingle roof; \$8,500; o., Warren & Muller; b., F. A. Jones, 19 Garfield Ave.
Revere, Mass.—Walnut Ave., two-st'y fr. flats, 47' x 67', flat roof, furnace; \$7,000; o., I. C. Bonnell, Crescent Beach; b., H. B. Ward.

COMPETITIONS.

COURT-HOUSE. [At Indianola, Miss.]
Plans for the erection of a new court-house, to cost \$40,000, will be received until February 1. W. P. GROSHAM, Clerk Board of Supervisors of Sunflower County. 1151

COMPETITIONS.

COURT-HOUSE.

[At Anvil, W. Va.]
Report states that plans for a \$30,000 court-house for Tucker County are wanted. 1151

COURT-HOUSE.

[At St. George, W. Va.]
It is reported that plans and specifications are wanted for a new Court-house; estimated cost \$30,000. J. W. CAMPBELL, Commissioner. 1151

PROPOSALS.

TO CONTRACTORS.

COTTAGES.

[At Central Islip, N. Y.]
Sealed proposals for furnishing the materials and

PROPOSALS.

performing the labor required and necessary for erecting and finishing cottages 4, 5 and 6, of group "D," at Central Islip, N. Y., for Manhattan State Hospital, may be sent by mail or delivered in person up to 4.30 P. M. on Thursday, the 20th day of January, 1898, to Henry E. Howland, Esq., President of Board of Managers, No. 1 Madison Ave., New York City, at which time and place the Board will receive and open all proposals.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of the Board of Managers, No. 1 Madison Ave., New York City, and at the office of I. G. Perry, architect, in the Capitol at Albany, N. Y.

Each bid must be enclosed in an envelope, sealed and addressed to Henry E. Howland, Esq., President of Board of Managers, No. 1 Madison Ave., New York City, and indorsed "Proposal for erecting and finishing cottages 4, 5 and 6 for group 'D,' at Central Islip, N. Y." GEO. E. DODGE, Secretary Board of Managers. 1151

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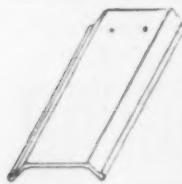
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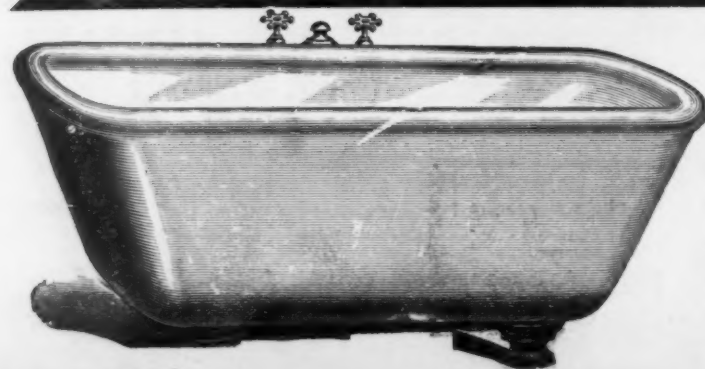
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" red.....			22 00	Dark " "
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Red Pressed.....	29 00 @ 29 00	Enam. (edge)	Roman...24 00	
" " "	27 00 @ 27 00	90 00 @ 100 00	Chicago, do Br'n	
Ruff.....	45 00 @ 70 00	" (edge & end.)	Roman...27 00	
Moulded Red & Buff.....		110 00 @ 115 00	Bushnell Buff	
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Lime of Te'l.....	4 00 @ 4 00		Not sold.	White Lime P bush
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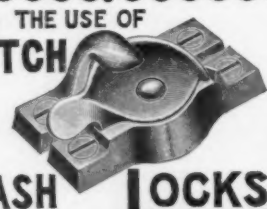
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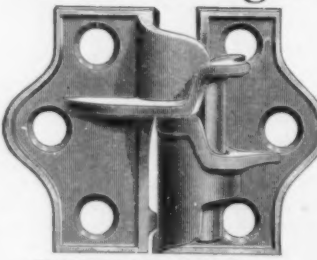
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Berea ".....	75 @ 1 00	85 @ 90	45 @ 55	85 @ 95
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Limestone:				P 75 @ 1 50
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	Perch 4 50 @ 5 50
Joliet.....	@ 1 00		@	1 in. th. 10 @ 25
Lemont.....			@	37 @ 50
Serpentine.....		10 50 per ton.	@	
Bluestone: (P sq. ft.)			cub. ft.	
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	@ 4 40	2 50 @ 2 75
" Sienna.....	@	@	Not sold.	@ 5 00
Tennessee, red.....	@	@	@ 4 40	4 00 @ 6 00
" Knoxville.....	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@	@	Not sold.	2 00 @ 3 00
Vermont, white.....	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 60
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	4 35 @ 5 50	4 75 @ 5 90	5 30 @ 6 15	4 50 @ 5 50
Genuine Bangor.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
Unfading black.....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
".....	@	@	Salt-glazed tiles	@ 28 00
Tiles, Am.... P M.....	@	@	9" 8c. per ft.	5 75 @ 6 25
N. Peach Bottom, war. unfading	@	@	6 00 @ 6 50	8 60 @
Fire Clay Roof Tile on ears at fac.	8 00 @	8 00 @		
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	20 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	14 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@ 1 75	@	16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....	Round Wood	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Pine.....	1 75 @ 1 85	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Spruce.....	@	@	@	@
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 60 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	
Cedar split..... P M.....	@	@ 6 00	Not sold.	
".....	@	2 00 @ 3 25	2 50 @ 2 90	
Cypress, Split..... P M.....	18 00 @ 20 00	5 00 @ 6 00	@	

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

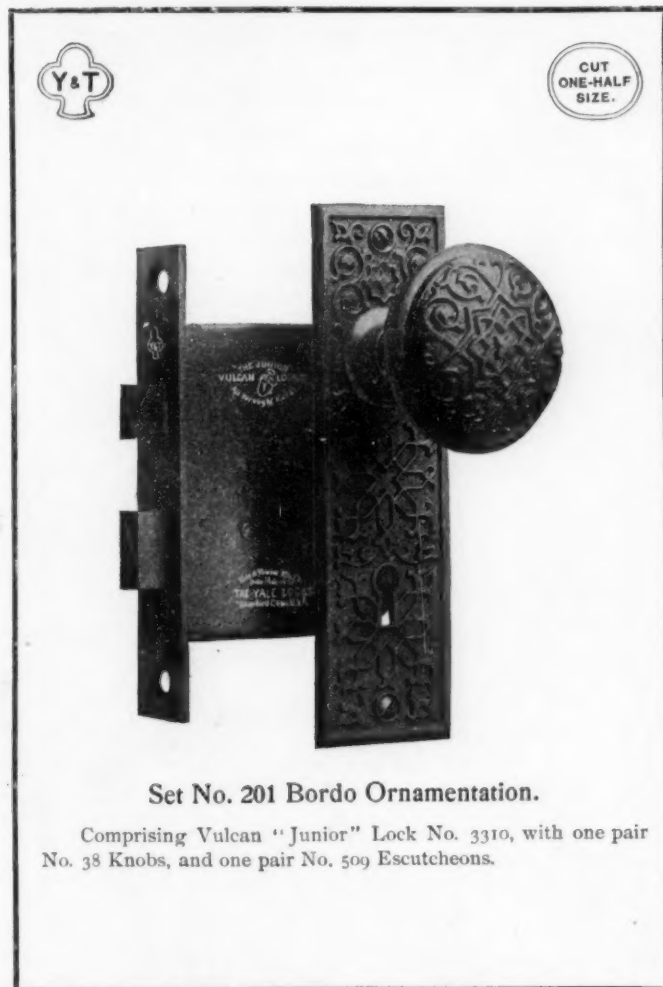
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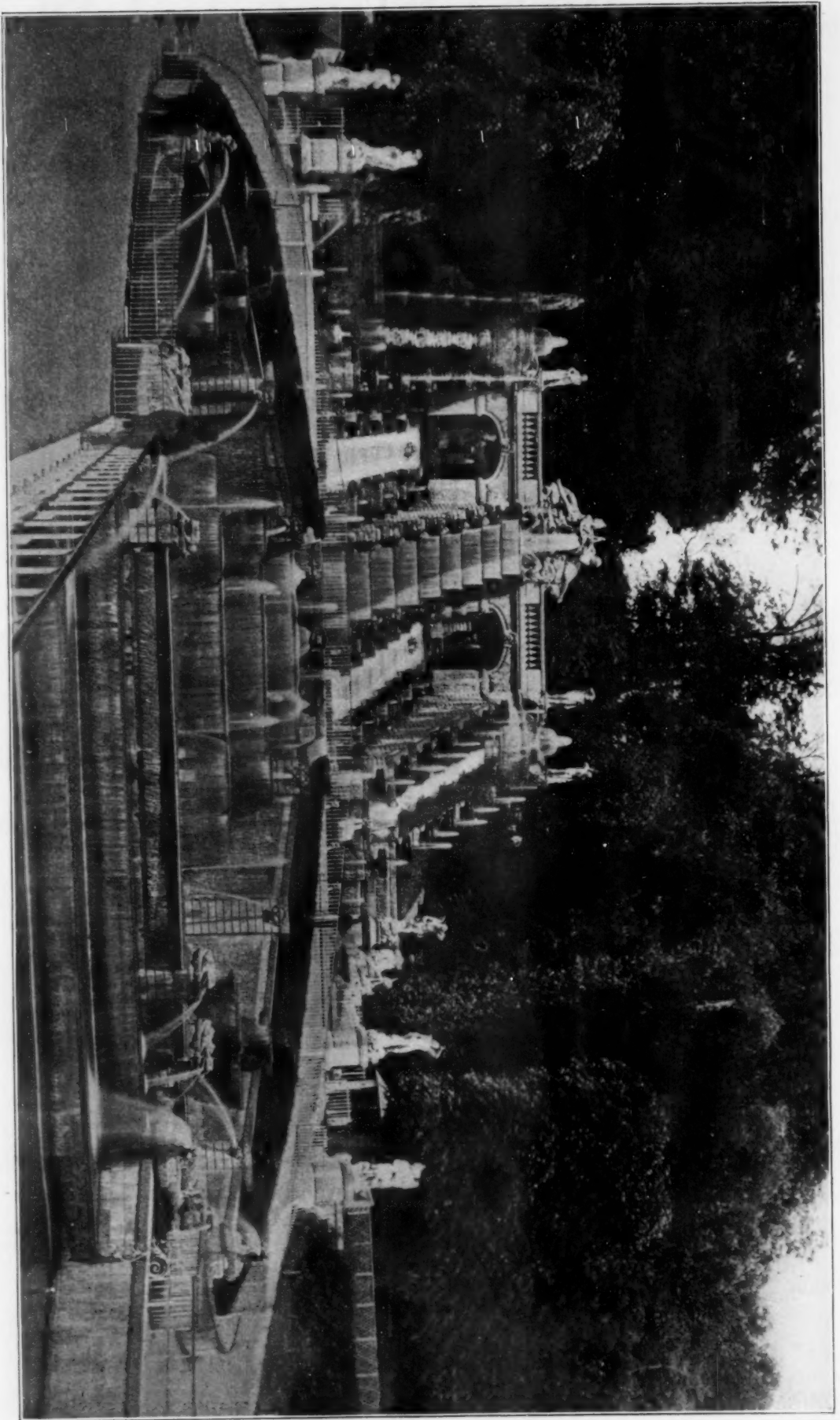
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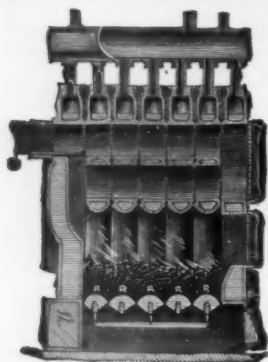
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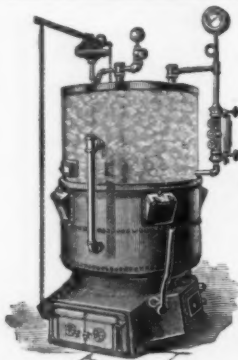
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Recommended to its Members by
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WAS

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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 draw-
ings or other services "on approval" and
without adequate pecuniary compensation.

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

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

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

SECTION 9. It is unprofessional for a Member
to 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 de-
signs in competition for private work or for
public work, unless for proper compensation,
and unless a competent professional adviser
is employed to draw up the "conditions" and
assist in the award.

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

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

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

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

SECTION 15. The assumption of the title of
"Architect" should be held to mean that the
bearer has the professional knowledge and
natural ability needed for the proper invention,
illustration and supervision of all building
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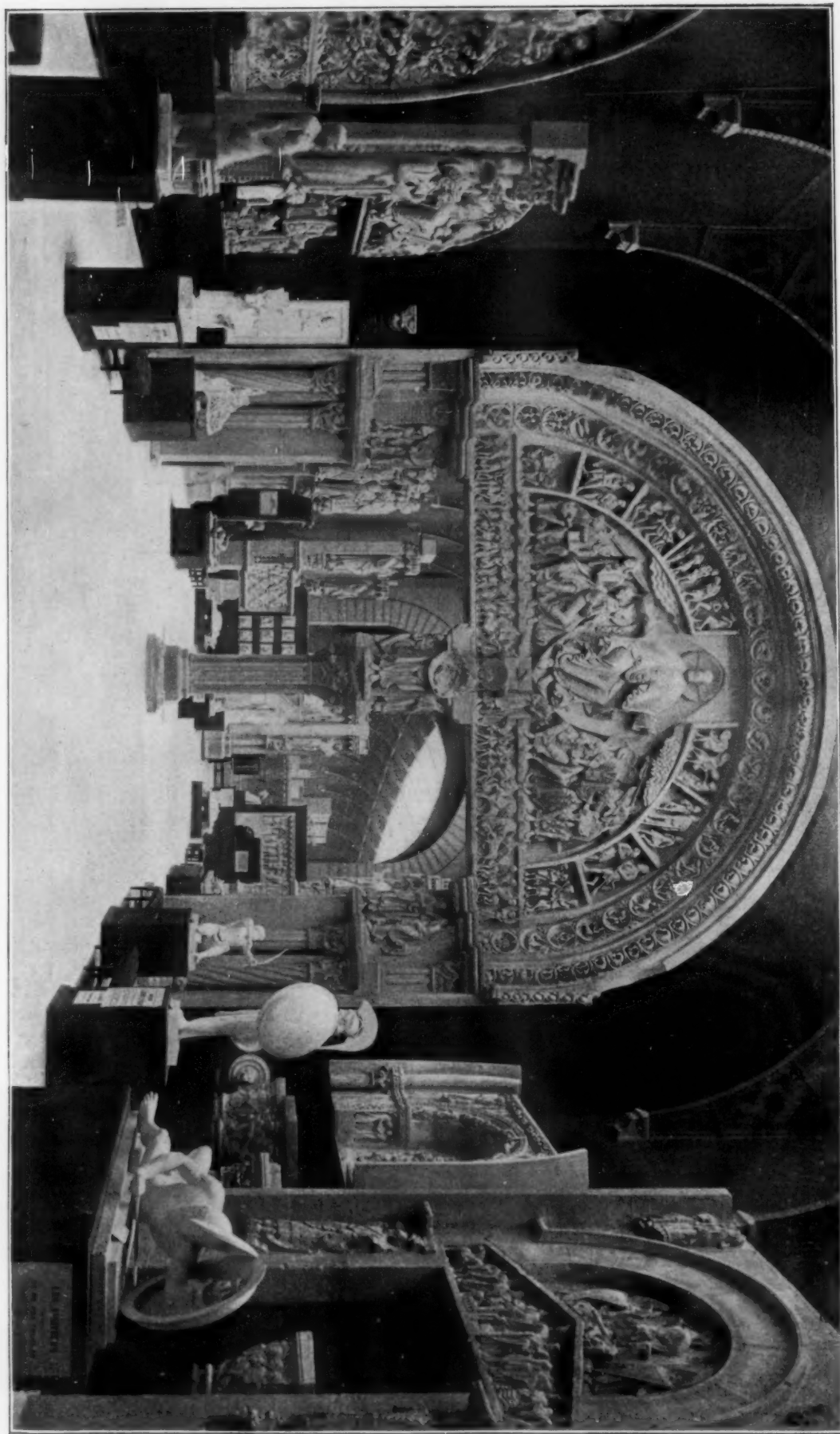
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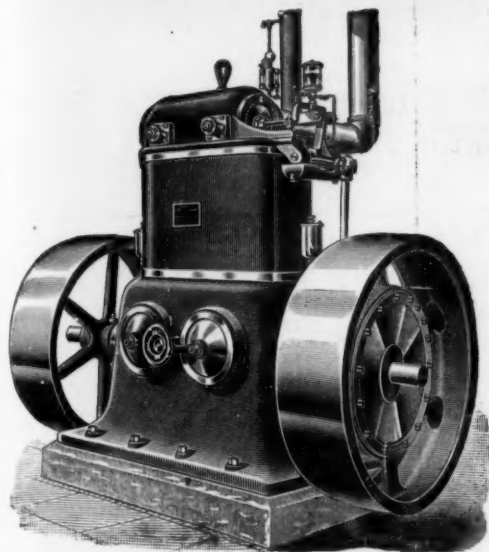
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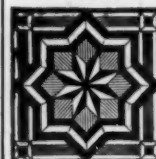
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(Advance Rumors Continued.)

spring from plans by W. E. Mansur for the proprietors, H. C. Chapman & Son.

Bloomfield, N. J.—The School Trustees will shortly advertise for bids for plans for the proposed new school-building to be built in the second ward.

Boston, Mass.—It is reported that The R. H. White Co. have leased the Dwight estate, 550-552 Washington St., corner of Norfolk Pl., and will build a large mercantile structure thereon in the spring. Francis R. Allen has prepared plans for enlarging the seating capacity of the Emanuel Church, Newbury St. Extensive interior alterations are contemplated, to cost about \$100,000.

The contract for erecting the mercantile building at Bedford and Chauncey Sts. is stated to have been awarded to the Geo. A. Fuller Construction Co., of Chicago, Ill.; estimated cost, \$400,000, Jordan, Marsh & Co., lessees.

Bridgeport, Conn.—Plans for the new building for the Boys' Club have been prepared by Warren R. Briggs. It is to be located on the corner of Middle and Gold Sts., to be four stories, 62' x 97', having four stores on ground floor with the society rooms and hall above. Estimated cost is \$65,000, of which sum \$30,000 has been assured. The Building Committee consists of President John C. Curtis, J. H. McElroy and Marshall Morris.

Brookline, Mass.—The Brookline National Bank has purchased a vacant lot of land on Washington St. and Goodwin Pl., 3,335 square feet in area. It is reported that they intend erecting a new bank building.

Buffalo, N. Y.—Architect August C. Esenwein has prepared plans for a large addition to the Hotel Iroquois. The owners have decided to add four stories to the building and to alter the ground floor in such a way as to make it the handsomest hotel this side of New York. As hotel accommodations here are not sufficient for such crowds as great conventions often bring here, this news will be hailed with pleasure.

The contract for erecting the main buildings of the Pan-American Exposition have been awarded to the Grace & Hyde Co., of New York City and Chicago. The contract price is stated to be about \$700,000.

Burlington, Vt.—The annual meeting of the corporators of the Burlington Savings Bank was held at their banking-house January 12th and was largely attended. The following officers were re-elected for the ensuing year: President, C. P. Smith; vice-presidents, Henry Greene and C. F. Ward; treasurer, F. W. Ward; assistant treasurer, E. S. Isham; trustees, C. F. Ward, C. P. Smith, J. L. Barstow, Willard Crane, Henry Greene, Albert G. Pierce, Henry Wells. After an informal discussion, it being apparent to the corporators that the institution had outgrown its present quarters, it was the general feeling that a new building should be erected on the site of the present banking-house, and it was unanimously voted to request the trustees to take into consideration the erection of a suitable building for the use of the bank.

Cedar Creek, Harper's P. O., Ia.—The Catholic congregation has had plans prepared by Fr. Borg-holte, architect, of Rock Island, Ill., for a church. It will be of brick with stone trimmings, 45' x 96'; cost, \$10,000. The contract will be let in March, Rev. Jos. A. Rangger, pastor.

Charlestown, W. Va.—The members of the Baptist Church contemplate erecting a new edifice on Washington and Capitol Sts., to cost about \$20,000.

Chatham, N. J.—Architects Pool & Lum are preparing plans for four new school-houses, to cost about \$100,000.

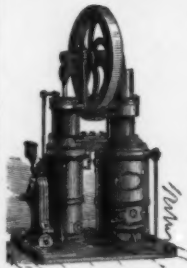
Chester, Pa.—A new school-building will probably be erected at this place. It is proposed to construct a brick building three stories high.

St. Paul's Episcopal Society contemplate the erection of a new church, to cost about \$55,000, Rev. F. M. Tate, pastor; J. A. Campbell, treasurer.

Cincinnati, O.—Plans have been made by E. H. Dornette, architect, 5th and Main Sts., for a clubhouse and bowling-alley, to be erected at Westwood, by the Moehlein Brewing Company. It will be built of brick, stone trimmings, and will cost about \$15,000.

Cleveland, O.—Paul Matzinger, architect, 89 Euclid Ave., has made plans for the clubhouse and office-building which the Tippecanoe Club contemplate erecting. It is proposed to erect a building of brick, steel and terra-cotta, which will cost \$100,000.

Plans have been prepared by Steffens, Seales &

REDUCTION IN PRICES OF HOT-AIR PUMPING ENGINES.

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

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Hirsch for the new building for the Garfield Savings Bank Co.

Collins, N. Y.—Plans are being prepared by Esenwein & Johnson, Mooney Building, Buffalo, for the new buildings for the State Homeopathic Hospital. The buildings will be constructed of brick, stone and iron, and will cost approximately \$70,000.

Des Moines, Ia.—Plans have been prepared by Architect George H. Hallett for a new union depot, which will be accepted by F. C. Hubbell, president of the Des Moines Union Railway, it is said. According to the plans the depot will be 300 feet long by 40 feet wide, two stories high, with two large towers. It will be built of cut paving-brick and the estimated cost is \$75,000.

Dodge Center, Minn.—The School Board is stated to have decided to erect a new school-building at this place, to cost about \$15,000.

Dorchester, Mass.—It is reported that the Woman's Christian Temperance Union contemplate erecting a club-house on Washington St., near Talbot Ave., Miss Florence Everett, clerk, 17 Park St.

Douglas, Ga.—The county authorities are discussing the advisability of erecting a brick Court-house as well as a brick jail.

East Orange, N. J.—Boring & Tilton, of No. 57 Broadway, New York City, are preparing sketches for the new Town-hall. E. I. Condit is Chairman of the Building Committee.

Fargo, N. D.—It is stated that Architects Hancock Bros. have completed plans for the new Episcopal Church to be erected here, to cost about \$20,000.

Freeport, Ill.—The plans of Weary & Hahn, architects, 141 Stephenson St., were accepted for the new City-hall which is to be erected on Stephenson St., at a cost of about \$25,000. It will be 90' x 120', the first story throughout is to be of Bedford stone and the balance of building of buff brick.

Geneseo, N. Y.—The County Supervisors are stated to have voted to build a new Court-house on the site of the one here, to cost about \$30,000.

Houghton, Mich.—The Catholic Society will begin work on a modern church in the spring, at a cost of \$16,000. It is expected to construct the foundation walls and put on a roof, to conduct services in the basement until the congregation is able to complete the building.

Janesville, Wis.—The question of constructing a new Jail at this place, to cost about \$25,000, is under consideration by the Board of Supervisors, according to reports.

Jersey City, N. J.—The Free Library Trustees, on January 5, asked the Board of Finance to make a special appropriation of \$150,000 to erect a library building on the site purchased by the trustees, on Jersey Ave. and Montgomery St. The trustees were represented by Dr. L. J. Gordon and Mr. Murray.

Long Branch, N. J.—Herts, Tallant & Newton, 481 Fifth Ave., New York City, have completed plans for a \$25,000 summer residence on Ocean Ave.; owner, Marks Arnheim, 767 Broadway, New York City.

Louisville, Ky.—At a meeting of the Board of Education on January 3 it was decided to convert the new 6th and Hill Sts. ward school-building to the use of the female high school, and the architect was instructed to prepare plans for making necessary alterations, to cost not more than \$25,000 over the original cost of the building.

Lowell, Mass.—The Pawtucket Congregational Church contemplate building a new church, and have already \$22,000 pledged for that purpose.

McKeesport, Pa.—At a meeting of the City Property Committee, January 5, it was decided to ask architects to submit plans for a new city building, to be erected on the Diamond, the cost not to exceed \$50,000.

Medford, Mass.—A new armory is contemplated.

Millwaukee, Wis.—Plans have been prepared by A. C. Eschweiler, Goldsmith Building, for the erection of the new buildings for Downer College.

New Britain, Conn.—At a meeting of the School Board, January 10, a committee was appointed to look into the advisability of erecting two new school-buildings.

New York, N. Y.—Report states that plans for a new building to be known as Hoffman Hall for the General Theological Seminary are being prepared by Charles C. Haight.

It is reported that a velodrome, similar to the one in Paris, is soon to be erected in New York. Messrs. Child & de Goll, of No. 62 New St., are the architects and a stock company is to be the builder. The cost is estimated at \$250,000. This peculiar building will be entirely devoted to the use of bicyclists. A double spiral track will reach from the ground to the roof inside the building, while

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BENJAMIN MOORE & CO.,

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BROOKLYN, NEW YORK.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

storage, bath and locker rooms will occupy the basement. The grade on the track will be about two feet to the hundred, and its total length will be nearly a mile.

Northampton, Mass.—The competition for plans for the new \$50,000 chemical laboratory building for Smith College has been decided in favor of Herts, Tallant & Newton, architects, 481 Fifth Ave., New York City.

Philadelphia, Pa.—Contractors Machin & Brown have been given a permit to put up the seven-story building at Nos. 731-733 Arch St., for J. & L. Baxter. It is estimated to cost \$42,000.

The contract for erecting the new Lyric Theatre, at 40th St. and Lancaster Ave., is stated to have been awarded to Andrew Breslyn, of Summit Hill, estimated cost, \$86,000, P. P. Elkinton, architect.

The University of Pennsylvania has purchased land at the southwest corner of 34th and Chestnut Sts., measuring 150' x 220' 2", for \$60,000. This is the site on which the University will put up the new Law School.

Wm. Bruce is preparing to start an operation, comprising 30 handsome, three-story houses, on the north side of Gorgas St., on Chew St. and on Germantown Ave., from plans by Architect John W. De Long. The houses are in the Spanish style of architecture, built in pairs, on lots measuring 50' x 50'. The work will cause an outlay of about \$135,000.

Andrew Gillison has filed plans for 12 three-story brick and brownstone front dwellings, each 18' x 66', which he will build on the west side of Broad St., south of Jackson St.

Architect Seymour Davis has prepared plans and is receiving bids for a two-story stone and brick hospital, 50' x 200', that is to be erected at Allentown.

Pittsburgh, Pa.—It is reported that the City Deposit Bank contemplates the erection of a new building in this city, to cost about \$125,000. No plans have yet been prepared.

Portland, Conn.—Plans for the new Post-office

READY TO-DAY.

PART I

— OF —

“The Georgian Period”

BEING MEASURED DRAWINGS OF

COLONIAL WORK IN THE UNITED STATES

— BY —

FRANK E. WALLIS,

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AMERICAN ARCHITECT AND BUILDING NEWS CO.

PART II

[IN PREPARATION].

The price for Part II, which will contain much more matter than Part I, will be \$6.00.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

building providing for a two-story frame structure,
40' x 50', with the Post-office on first floor and four
rooms for the Police Department on second floor,
have been accepted by the authorities at Wash-
ington.

San Francisco, Cal.—Local papers state that the
managers of the College of Notre Dame contemplate
erecting a new building at the Mission, to cost
about \$40,000.

St. Paul, Minn.—F. G. Corser, architect, New York
Life Building, Minneapolis, has prepared plans for
an addition to be made to the Home for the Aged
for the Little Sisters of the Poor. It will be 70' x
120', three stories, built of pressed-brick, stone
foundation and stone trimmings, and cost about
\$14,000.

Torrington, Conn.—A new Town-hall, two stories
and basement, 70' x 115', to cost about \$30,000, is to
be built. Architect W. H. Allen, New Haven,
Conn., has commission to prepare plans.

Washington, D. C.—Plans have been prepared by
Architect N. T. Haller for an apartment-house to
be erected on M St., between 14th and 15th Sts. It
will be six-stories and basement, 25' x 150', with
iron beams and terra-cotta floors. It will have a
front of mottled Pompeian brick and Hummels-
town brownstone. It will be provided with electric
elevator, hot-water heat and will cost about \$50,000.
Plans have been prepared by Architect A. Goerner
for an apartment-house to be built by Alonzo

Iron-Work.

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ESTABLISHED 1840.

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Fronts for Buildings, Cornices, Lintels and Sills, Doors and Shutters, Girders and Beams, Fire-escape
Balconies and Ladders, Columns and Roofs, Sky and Floor Lights, Stable Fittings and Fixtures,
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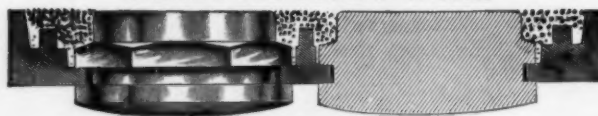
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(Advance Rumors Continued.)

O. Bliss. It will be six stories, with front of Indi-
ana brownstone and buff brick. Each story will
contain six suites of rooms. The building will have
hot-water heat, and will have an electric elevator.
It is estimated to cost \$100,000.

Waterbury, Conn.—W. E. Griggs is preparing the
plans for a four-story brick block to be erected on
Leavenworth St., for Dr. George O. Robbins.

White Plains, N. Y.—The Westchester County
Board of Supervisors on January 11 adopted a
resolution providing for the building of a new hos-
pital at the County Almshouse, at East View, at a
cost of \$10,000.

Wilkesbarre, Pa.—Plans have been prepared by
F. L. Olds, architect, for the new school-building
to be erected on Washington St.

Winona, Minn.—It is stated that the Winona Hos-
pital Association will erect a new hospital here, to
cost about \$35,000.

HOUSES.

Boston, Mass.—Huntington Ave., cor. Shephard St.,
Ward 19, bk. dwell. and store, 30' x 60', flat roof,
stoves; \$11,000; o., Agnes E. Sweeney; b., John
Crane; a., Wm. Holmes, 34 Worthington St.

Brook Ave., No. 5, Ward 17, three-st'y bk. dwell.,
20' x 64', flat roof, stoves; \$6,000; o., John H. Lyons
& Co., 28 School St.; a., Patrick A. Tracy.

Adams St., opp. Richmond St., Ward 24, 2 two-st'y
fr. dwells, 20' x 31', pitch roofs, furnaces; \$9,000; o.
& b., P. O'Hern, 14 Arcadia St.

Maverick St., No. 208, Ward 2, three-st'y fr.
dwell., 22' x 52', flat roof, stoves; \$4,000; o., A.
Trinchetella; b., Metropolitan Building Associa-
tion.

Spencer St., nr. Park St., Ward 20, 2 two-st'y fr.
dwell., 34' x 50', pitch roof, furnace; \$4,500; o., T.
G. Watson; a., J. W. M. Parks, 297 Green St.,
Cambridge.

Bullon Ave., cor. Mascot Ave., Ward 24, two-st'y
fr. dwell., 28' x 39', pitch roof, furnace; \$4,500;
o. & b., A. H. Grace, 57 Lauriat Ave.

Mt. Vernon St., nr. Potomac St., Ward 23, two-
st'y fr. dwell., 33' x 42', pitch roof, furnace; \$5,000;
o. & b., Wm. F. Keyes; a., A. B. Pinkham.

Mt. Vernon St., nr. La Grange St., Ward 23, two-
st'y fr. dwell., 23' x 42', pitch roof, furnace; \$5,000;
o., H. J. Smith; b., Wm. F. Keyes; a., A. B. Pink-
ham.

Bremen St., Nos. 126-132, Ward 2, 4 three-st'y fr.
dwells, 21' x 46', flat roofs, stoves; \$15,000; o. & b.,
Louis A. Ginsberg, 5 Henry St., East Boston.

Park St., nr. Kilton St., Ward 20, three-st'y fr.
dwell., 26' x 45', flat roof, stoves; \$4,000; o. & b.,
Fred'k J. Rockwell, 12 Leonard St., Dorchester.

Brackett St., nr. Washington St., Ward 25, 2 two-
st'y fr. dwells, 26' x 45', pitch roofs, furnaces;
\$8,600; o., Jas. K. Hill; b., O. B. Hill.

Johnston Terrace, nr. Lauriat Ave., Ward 24, 2
three-st'y fr. dwells, 24' x 48', flat roofs, stoves;
\$9,000; o. & b., Magnus Munn, Mascot Ave.

BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Minor St., nr. Neponset Ave., Ward 24, two-st'y
fr. dwell., 26' x 47', pitch roof, furnace; \$3,500; o. &
b., James McCloskey, 12 Ellett St., Dorchester.

Corona St., nr. Geneva Ave., Ward 20, two-st'y fr.
dwell., 23' x 43', pitch roof, furnace; \$4,200; o.,
Maud Coreoran; b., N. H. Berthune, 37 S. Russell
St.

STABLES.

Boston, Mass.—Alexander St., No. 68, Ward 16,
fr. stable, 15' x 23'; \$400; o., George F. Ingalls, 28
School St.

Duncan St., rear, nr. Ward St., Ward 19, 3 fr.
stables, 50' x 50', flat roofs; \$10,000; o., Robert T.
Paine; b., George W. Pope's Sons, 440 Columbus
Ave.

Medford, Mass.—Adams and Norton Sts., 11-st'y
fr. stable, 18' x 26'; \$300; o., J. H. Ford, 186 Win-
throp St.; b., A. Filibott.

Somerville, Mass.—Prospect St., 11-st'y stable, 26'
x 34', shingle roof; \$800; o., H. L. Grandstein; b.,
J. A. Melsaac, Cambridge.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Himrod St., nr. Hamburg Ave.,
9 three-st'y bk. tenements, 25' x 62'; \$45,000; o., S.
Burkard, 743 Bushwick Ave.

Fifth Ave., bet. 54th & 55th Sts., 8 five-st'y bk.
flats, 25' x 75'; \$64,000; o. & b., Southeast Build-
Co., 350 Fulton St.

Baltic St., nr. Hoyt St., 4 four-st'y bk. flats, 19' x
50'; \$24,000; o., R. Grafton, 196 Centre St.

Somerville, Mass.—Sewall St., three-st'y fr. six-flat
building, 40' x 63', flat roof, furnace; \$6,000; o., S.
Baker; b., L. B. Richards.

MISCELLANEOUS.

Boston, Mass.—W. Canton St., No. 91, and Fabin
St., Nos. 18-22, Ward 12, bk. electric battery station,
30' x 90'; \$18,000; o., Edison Electric Illuminating
Co.; b., Whidden & Co., a., Winslow & Wetherell.

COMPETITIONS.

SOCIETY OF BEAUX-ARTS ARCHITECTS.

SEASON 1897-98.

A SCHOOL OF FINE ARTS.

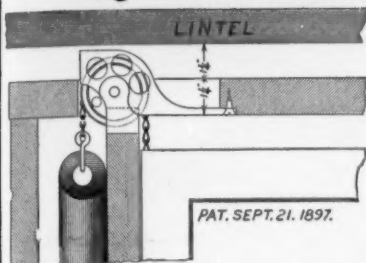
[PROGRAMME A.]

COMPETITION No. 2.

The Committee on Education proposes as a subject
for competition, "A School of Fine Arts."

This group of buildings is to be situated on an
irregular plot of ground fronting on a circular place
of 200 feet diameter, and on two streets, each of
which makes an angle of 60 degrees with an axis
drawn through centres of the plot and of circular
place.

(Continued on page xvii.)

QUEEN OVERHEAD PULLEYS.

Architects will note cut above. It represents a 2 1-2-inch pulley, and only requires 2 1-2 inches head-room from top of sash.

No Extra Head-room Needed. No Grooving of Sashes.
No Lead Weights.

Concealed from view when in use, and the least possible space is left around the pulley; air and insects are practically prevented from entering.

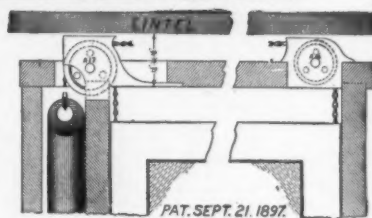
No iron or steel work in any building will interfere with the perfect action of the Queen Pulley.

Used in the principal new buildings in New York City.

Send for Catalogue and Price List.

QUEEN SASH BALANCE CO.,

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Queen Mullion Frame Pulleys.

Designed to do away with the mullion pocket in twin windows. Are operated by one weight and give from 6 to 8 inches more glass space than by ordinary methods. Space necessary above window head ONLY 11-4 INCHES, or 21-2 inches from top of sash.

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READY FEBRUARY 1.

MONOGRAPHS OF AMERICAN ARCHITECTURE,

NO. VI.

.. THE ..
LIBRARY OF CONGRESS,
Washington, D. C.

Architects: SMITHMYER & PELZ: P. J. PELZ; E. P. CASEY.

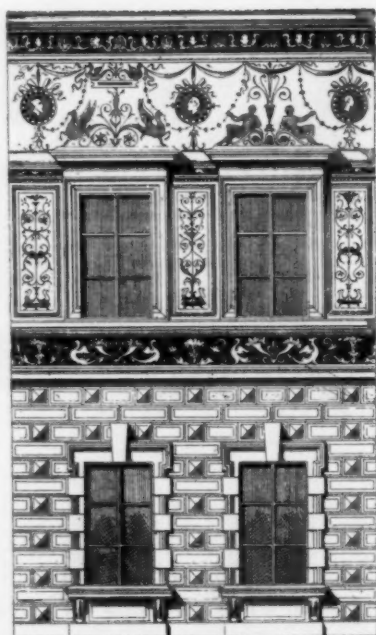
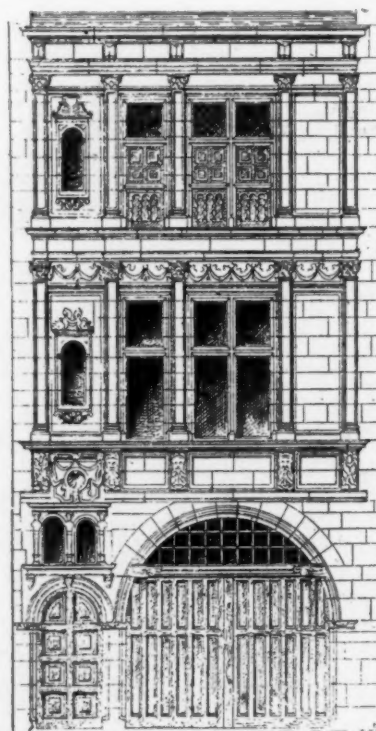
Twenty Gelatine Prints, in Portfolio, 14" x 16 1-2".

PRICE, \$5.00.

NOTE:—About half of these prints have been published in the International Edition of the "American Architect," but no one of them has appeared in the Regular or Imperial Editions and no one of the remainder of the prints has before been published.



The Schwarzenberg Palace, Prague, Bohemia.

Decoration of the Chemical Laboratory,
Vienna, Austria.

House at Orléans, France.

STREET FRONTS.

THE J. L. MOTT IRON WORKS,

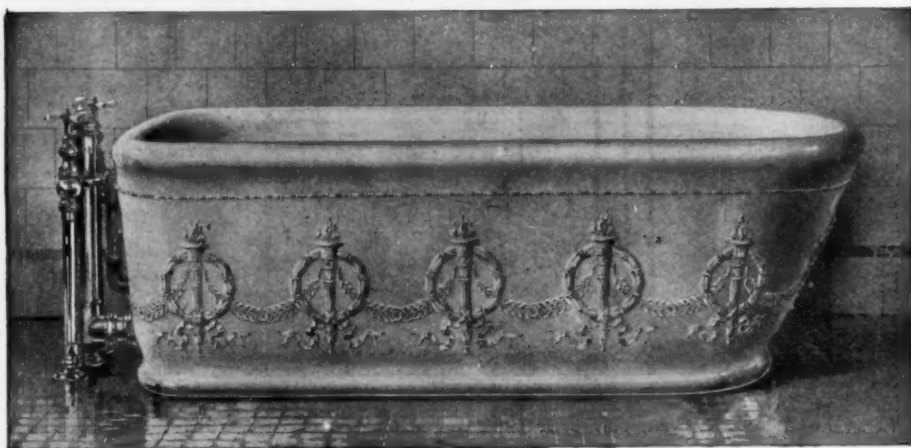
84-90 BEEKMAN STREET, NEW YORK.

311 & 313 WABASH AVENUE, CHICAGO.

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

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



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

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

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

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

CIRCULARS MAY BE HAD ON APPLICATION.

COMPETITIONS.

Two of the remaining sides of the plot begin at points 250 feet from centre of circle and run back at right angles to each street respectively for a distance of 280 feet.

The two points thus found are connected by a line bounding rear of lot.

REQUIREMENTS.

An auditorium, containing about 7,000 square feet, exclusive of stage.

Two exhibition departments, about 40' x 120', two stories high; the first story being for sculpture, the second story for paintings, with top light. One of these departments to be for permanent collections of plaster-casts and paintings; the other for school exhibitions.

A large vaulted vestibule should serve the auditorium and exhibition-rooms for the use of the public.

A reference-library for students on second story over vestibule.

Ample staircases lead to second story from vestibule to serve the picture-galleries and library.

Secondary staircases where necessary.

Nine studio buildings for students of architecture, painting and sculpture. Each building about 20' x 50', two stories high; the first story devoted to classes and lecture-rooms, the upper floor to studio purposes, with large windows.

These buildings are to be connected by colonnades providing proper circulation. The colonnades may connect with exhibition departments.

Sketches Required: Students intending to compete are required to send, on or before February 1st, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three named sketches on tracing-paper: one plan of entrance-floor and grounds, including circular place and streets at a scale of 1-32' to the foot.

Section from front to rear throughout plot and place at same scale. Elevation of facade at 1-16' to the foot.

Finished Drawings Required: Plan of entrance-floor and grounds, including circular place, all laid out with appropriate statues, fountains, etc., at a scale of 1-16' to the foot.

Section from front to rear through plot and place at same scale.

Elevation at scale of 1-32' to the foot of auditorium, and half of buildings on each side cut off by a straight line. This is to bring the drawing within the limits of the sheet of paper. A single human figure to be drawn on elevation.

These drawings are to be rendered in water-color, mounted on stretchers, and forwarded, on or before April 15, 1898, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

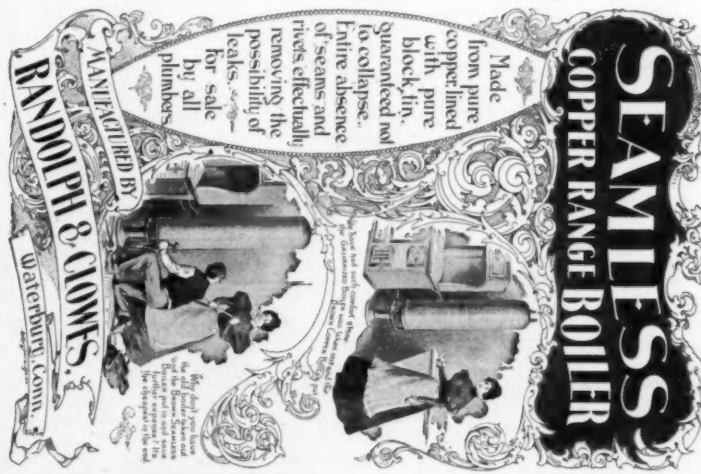
(Signed) EDWARD L. TILTON, Chairman,
WALTER COOK,
EDWARD P. CASEY,
THOMAS HASTINGS,
THORNTON F. TURNER,
Committee on Education.

New York, January 15, 1898.

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

All announcements relating to the competitions

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COMPETITIONS.

will be published in the *American Architect*, of Boston, and *Architecture and Building* of New York.

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

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

A BELL TOWER.

[SKETCH PROGRAMME.]

SKETCH COMPETITION NO. 1.

The Committee on Education proposes as a subject for competition, "A Bell Tower."

This tower is supposed to stand in the common or large square of a small town. It may have been erected as a memorial of some event. It is to contain a chime of bells.

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

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

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

The finished sketch must be sent, flat, unmounted,

COMPETITIONS.

on or before Monday, January 31, 1898, to Edward L. Tilton, Chairman, 57 Broadway.

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

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

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

January 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*, of Boston, and the *Architecture and Building*, of New York.

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

This slip must be sent with the sketch.

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

Signed _____

A BALLROOM IN A CITY MANSION, CORINTHIAN ORDER.

[PROGRAMME B.]

SKETCH COMPETITION NO. 2.

The Committee on Education proposes as a subject

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COMPETITIONS.
for competition, "A Ballroom in a City Mansion, Corinthian Order."
This room is supposed to be for balls and fêtes in a city mansion. The end elevation is required, showing a musicians' gallery. A free treatment of the Corinthian order is to be employed either for the room or for the details of the gallery.
The room is to be about 50 feet in width, with height properly proportioned, and ceiling vaulted or flat as desired.
Sketches Required: Students intending to compete are required to send, on or before February 1st, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three sketches on tracing-paper: Plan, elevation and section at 1-3/4" to the foot.
Finished Drawings Required: Plan and section at a scale of 1-8" to the foot. Elevation at the scale of 1-4" to the foot. A single human figure must be drawn to indicate scale. Details of the Corinthian order at one-quarter the full size.

COMPETITIONS.
Drawings may be rendered in water-color or Indian ink at student's option.
The drawings are to be mounted on stretchers and forwarded, on or before April 15, 1898, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.
(Signed) EDWARD L. TILTON, Chairman,
WALTER COOK,
EDWARD P. CASEY,
THOMAS HASTINGS,
THORNTON F. TURNER.
Committee on Education.
January 15, 1898.
Dates of the following competitions for the year 1898: Programmes will be issued April 15, 1898. Drawings will be rendered June 15, 1898. All announcements relating to the competitions will be published in the American Architect, of Boston, and the Architecture and Building, of New York.
NOTE.—This competition is open to all students

COMPETITIONS.
of architecture, conditions of judgment and jury to be arranged by the committee. 1153
PROPOSALS.
Treasury Department, Office Supervising Architect, Washington, D. C., January 15, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of January, 1898, and opened immediately thereafter, for all the labor and materials required for the approaches to the United States Appraisers' Warehouse, New York, N. Y., in accordance with drawing and specification, copies of which may be had at this office or the office of the Superintendent at New York, N. Y. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Approaches to the United States Appraisers' Warehouse, New York, N. Y.," and addressed to the Supervising Architect. 1153

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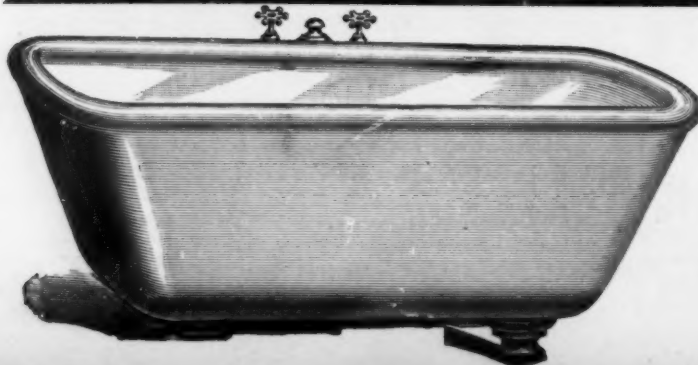
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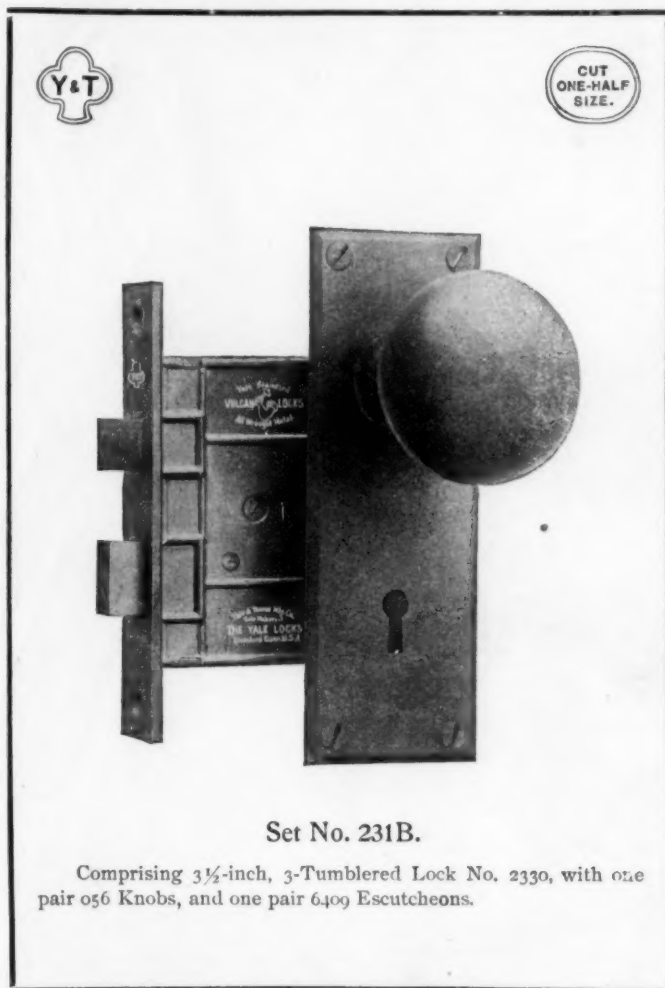
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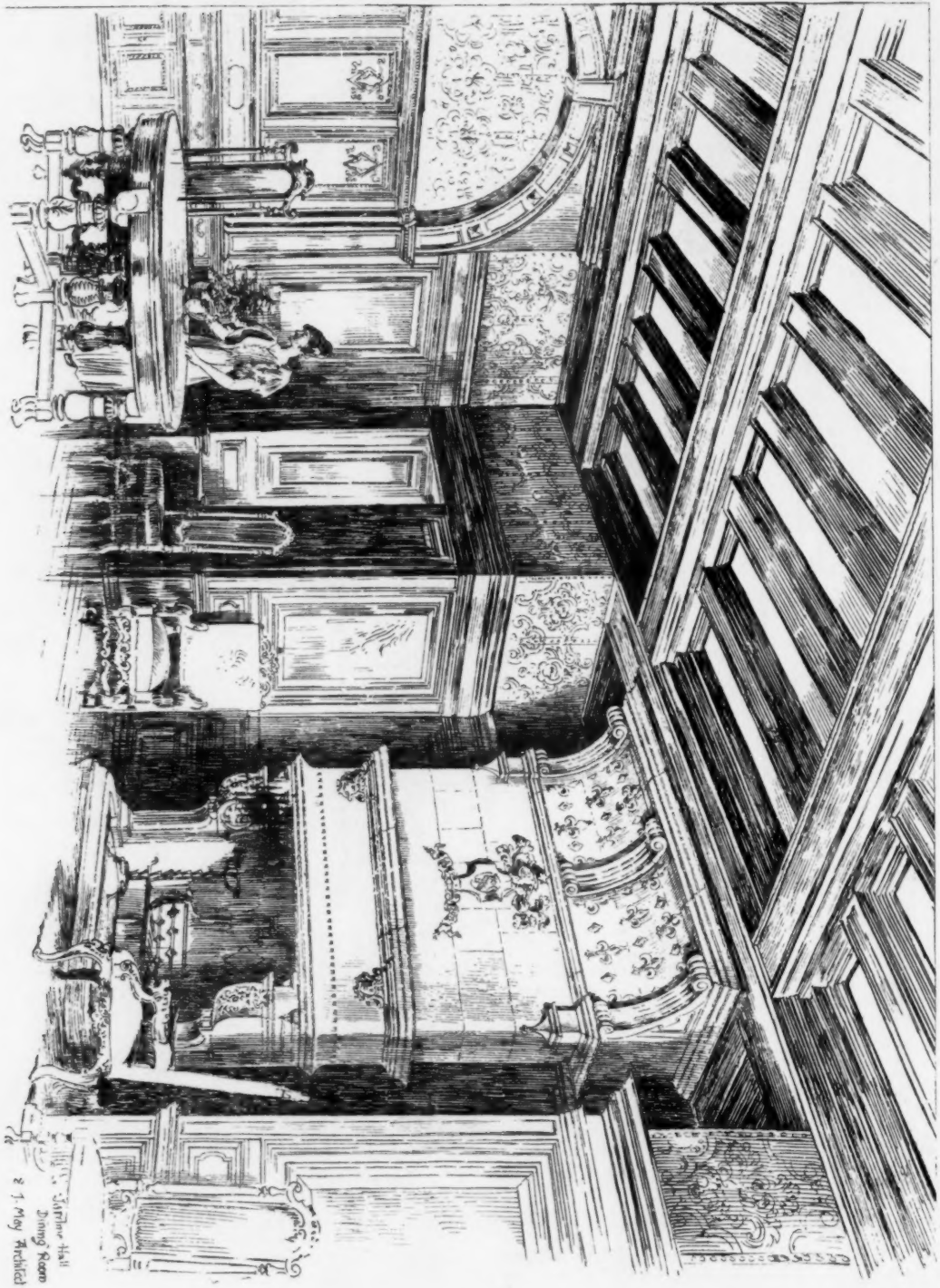
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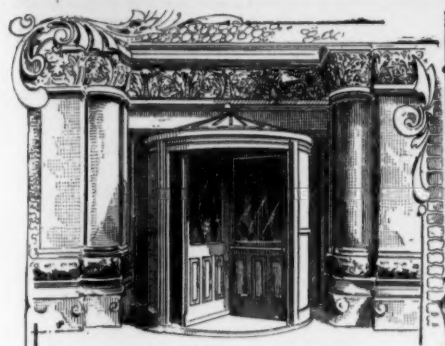
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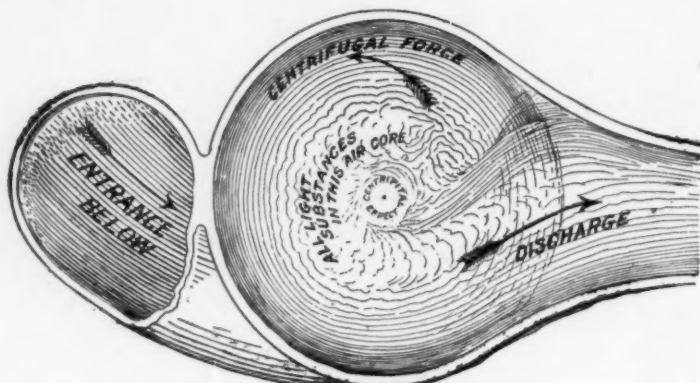
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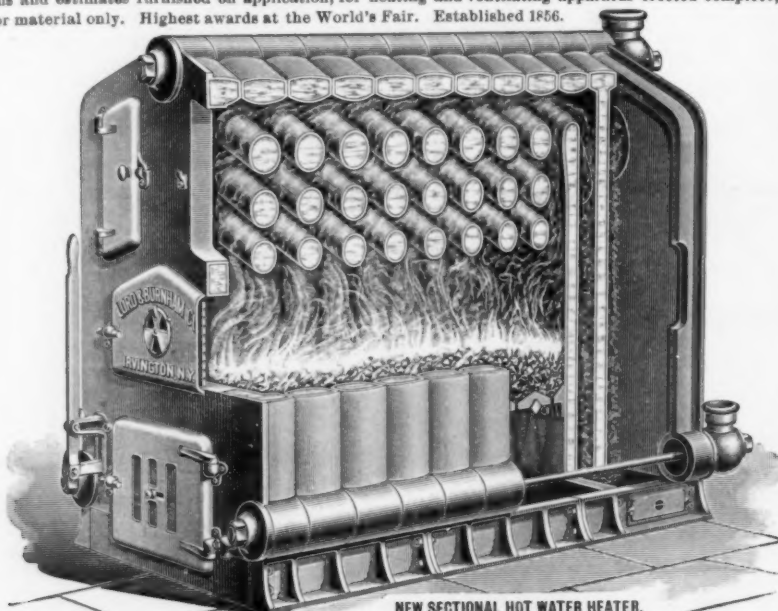
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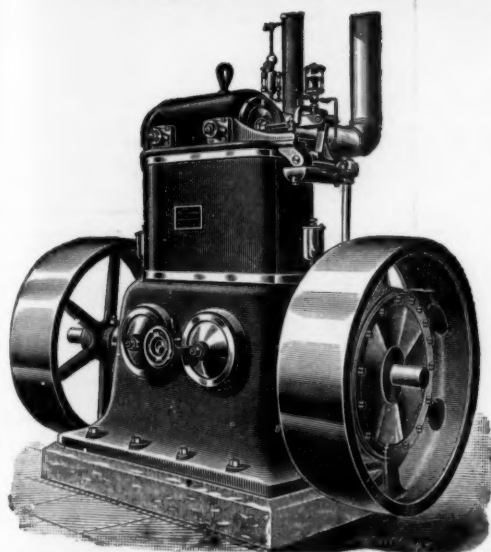
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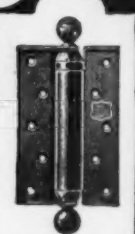
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New Advertisements.

WM. H. ALLES, TRUSTEE (Hyde Park, Mass.),
Library Book Stacks. Page ix.
THE BRIDGEPORT CHAIN CO. (Bridgeport, Conn.),
Sash Chain. Page xiv.

See last or next issue for the following advertisements:—

Belmont Iron Works.
Chrome Steel Works.
Gorton & Lidgerwood.
L. Haberstroh & Son.
New York Belting & Packing Co.
T. W. Jones.
Okonite Co.
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See the first issue of the month for the following advertisements:—

Alsen's Portland Cement Works.
Atlas Cement Co.
T. H. Brooks & Co.
Folsom Snow Guard Co.
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Ideal Manufacturing Co.
R. Wilson Parry.
Wm R. Pitt.
The Sneed & Co. Iron Works.
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ARCHITECTS' REMOVALS, Etc.

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FREDERICK W. BROWN and A. Ten Eyck Brown have formed a copartnership, under the firm name of Brown & Brown, architects, 1326 Guaranty Building, Buffalo, N. Y. 1153

M. R. CHARLES S. FROST, formerly at 604 Pullman Building, Chicago, and Mr. Alfred H. Granger, of Cleveland, O., have formed a partnership, under the firm name of Frost & Granger, architects, and after February 1, 1898 will be located at 806 The Temple, s w corner of La Salle and Monroe Sts., Chicago, Ill. 1154

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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.]

- 597,091. HOT-AIR FURNACE.—Lewis Steelman, Salem, N. J.
597,129. COMPOSITION OF MATTER FOR FIRE-PROOF WALL-PLATES, ETC.—Albert Hendrik van der Vygh, Hendrik van der Vygh and Gerhard van der Vygh, Amsterdam, Netherlands.
597,130. INSTANTANEOUS WATER-HEATER.—Almon G. Ward, Warren, O.
597,145. WINDOW-VENTILATOR.—Morris H. Hartzell, Philadelphia, Pa.
597,171. VENTILATOR.—Jas. B. Slate, Riverhead, N. Y.
597,186. LIBRARY-SHELVING.—David E. Hunter, Cambridge, Mass.
597,189. FACED BRICK.—Chas. F. Prichard, New Haven, Conn.
597,199. SASH LIFT AND FASTENER.—Karl A. Klose, Butte, Mont.
597,203. SCAFFOLD.—Ross Rue and John C. Devine, Alliance, O.
597,219. COMBINED DOOR LATCH AND STOP.—George D. Pettigell, Jefferson, Ia.
597,251. LUBRICATOR FOR ELEVATOR-GUIDES.—Mathew Abt, New York, N. Y.
597,284. FURNACE.—George D. Hoffman, Chicago, Ill.
597,330. JOINT-MEASURING SCALE.—Oskar Schubert, Berlin, Ger.
597,334. SLIDING VISE.—Anderson Sonander, Chicago, Ill.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

- Adams, Mass.**—The contract for building the French parochial school-house has been awarded to Alexander Peor, of North Adams, at \$25,000.
Alameda Cal.—The question of erecting a new school-building to cost about \$70,000 is under consideration, according to reports, D. J. Sullivan, Supt. of Schools.
Albany, N. Y.—Reports state that the St. John's Roman Catholic Church will soon erect a large stone church building.
Algona, Ia.—The Methodist society is preparing to erect a church to cost about \$15,000.
Allegheny, Pa.—F. C. Sauer, architect, Pittsburgh, has prepared plans for a club-house to cost \$50,000, Chas. Sherriff, Chmn. Bldg. Com.
Baltimore, Md.—The Directors of the Eye, Ear and Throat Hospital are stated to have decided to build

DOMESTIC WATER SUPPLY.

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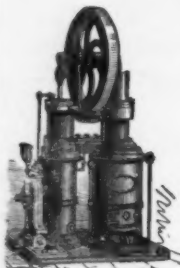
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

a new hospital, Mrs. R. M. Wylie, president, 1007 E. Baltimore St.

Buffalo, N. Y.—It is rumored that the German Young Men's Association will remodel the Music Hall; estimated cost, \$50,000.

It is reported that New York City capitalists contemplate erecting a ten-story stone, terra-cotta and steel-frame fireproof hotel from plans by George Palliser & Co., New York City. To be located at the corner of Chippewa and Delaware Aves., and cost, site included, \$1,000,000.

Philips & Graves have prepared plans for a four-story business block on Upper Main St., 96' x 100', to cost \$75,000.

Plans prepared by George J. Metzger, architect, 19 W. Huron St., for the German Hospital, to be erected at 736 48 Jefferson St., this city, have been accepted. The building will be three-story, of brick construction, with stone trimmings, and will cost about \$30,000; building committee, E. G. S. Miller, Dr. C. H. W. Auel, Wm. Simon and Ottomar Reinecke.

Cheshire, Mass.—The Library Association have voted to secure plans for a small brick library, R. V. Wood is president.

Circleville, O.—The United Brethren will build a new church for which plans have been prepared by Stribling & Fox, Denig & Ferson Building, Columbus. The edifice will cost about \$25,000 and will be constructed of stone.

Columbia, Mo.—The citizens of Boone County contemplate erecting a new hospital at this place, according to reports, to cost about \$30,000.

Detroit, Mich.—Leon Coquard, architect, 169 First St., has prepared plans for a club-house to be erected by St. Ann's Roman Catholic Church. It will be three stories, 56' x 130', of brick, and will cost about \$15,000.

East Orange, N. J.—Plans for a town-hall will be considered at a special meeting of the East Orange Township Committee. For two years past this subject has been before the Township Committee, and prizes have been offered for the best design. The plans which received the first prize were those of Boring & Tilton of this city. The plans now being considered are modified from those submitted two years ago. The building will cost about \$25,000. It will be a two-and-a-half story structure.

Elmira, N. Y.—Architect J. H. Considine, Mechanics' Building, is preparing plans for a large church to be built by the First German Evangelical Society. To be of brick with stone trimmings, slate roof, furnaces, toilet-room and all modern improvements.

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It is a permanently hard wall finish. Over plaster it produces soft, even tints, giving the effects of kalsomine, without the flashing, with none of its disadvantages. It does not rub off against the clothing; will not crack nor peel. It will kill suction, and gives a smooth, even coat over an old plastered wall that has been patched. It comes in fifteen artistic colors and white.

You may have a color card and full information about MURESCO for the asking.

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256 Water Street,

BROOKLYN, NEW YORK.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Fall River, Mass.—The plans prepared by N. C. Smith, New Bedford, for the \$125,000 Bristol County Jail, have been accepted, and bids will be advertised for soon. J. P. Prentiss and W. J. D. Bullock, Building Committee.

Fargo, N. D.—The Scottish Rite bodies are arranging for a site for a new cathedral. A \$30,000 structure is proposed.

Geneva, N. Y.—A new dormitory for Hobart College is contemplated and the question of a site is being considered. There are differences of opinion as to where such a building should be built, some being in favor of forming a quadrangle by erecting buildings on Pultney St., while others advocate the plan of building between the two dormitories, thereby making one large dormitory. There are also some who would like to see buildings erected on the east side of Main St., the college owning a site of ground directly opposite to that on which the present buildings are located, which has a street frontage of about \$1,000 feet.

Great Falls, Mont.—F. B. & L. L. Long, architects, Minneapolis, Minn., have plans for a two-story building to be erected here, for A. W. Kingsbury. Specifications: 96' x 100', two stories and full basements, with a Masonic hall on the second floor; pressed-brick and stone trimmings, galvanized iron-work, iron beams and columns; cost, \$15,000.

Greenville, Tex.—The Wesley Methodist Church will erect a new church to cost \$10,000.

Hutchinson, Minn.—Plans will be considered shortly for a \$15,000 school-house to replace the building which was burned.

Indianapolis, Ind.—Local papers state that Thos. A. Winterrowd, architect, has prepared modified plans for the new Castle Hall Building of the K. of P., to be erected on Pennsylvania St. and Massachusetts Ave., to cost from \$80,000 to \$100,000. The building will be but five stories high, instead of eight or nine, as originally contemplated. The contract will probably be awarded at the February meeting.

Jersey City, N. J.—At a meeting of the Board of

JUST PUBLISHED.

PART I

— OF —

"The Georgian Period"

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COLONIAL WORK IN THE UNITED STATES

— BY —

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And Others.



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AMERICAN ARCHITECT AND BUILDING NEWS CO.

PART II

[IN PREPARATION].

The price for Part II, which will contain much more matter than Part I, will be \$6.00.

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PHILADELPHIA, PA.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Education January 13 a resolution was adopted
that the Board of Finance be requested to appropriate \$200,000 for the purchase of land and the
erection of a suitable high school building.

Kilbourne City, Wis.—Chicago Apollo Com-
mandery has purchased a site in the delta on the
Wisconsin River, where they will erect a fine club-
house in the spring. Frank Hulbard, 48 Jackson
St., Chicago, Rec.

Lewistown, Pa.—Wm. E. Bloodgood, of 64 Cedar
St., New York City, is preparing preliminary plans
for a two-and-a-half story local stone residence, 40'
x 50', to be erected to cost about \$10,000.

Long's Station, Ga.—Arrangements have been con-
cluded for the erection of a large cotton mill and
bleachery near Rockmart, by capitalists repre-
sented by S. B. Campbell, President of the New
York Mills Company, and F. C. Walcott, one of the
directors of that concern. The company will spend
between \$1,500,000 and \$2,000,000 on the plant.

Louisville, Ky.—The Board of Visitors of the Ken-
tucky Institute for the Blind and Governor Bradley
have decided to greatly increase the capacity of the

Iron-Work.

JACKSON ARCHITECTURAL IRON WORKS,

ESTABLISHED 1840.

IRON

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Balconies and Ladders, Columns and Roofs, Sky and Floor Lights, Stable Fittings and Fixtures,
Sidewalk Lights. Artistic work in Wrought and Cast Iron, Brass and Bronze.
Designs and Estimates of Cost Furnished for Work in any Department.

Foundry and Shops, East 28th and East 29th Sts. Office, 315 East 28th St., New York.

JOHN WILLIAMS, 544 to 556 West 27th Street, New York.

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White, N. Y.; Babb, Cook & Willard, N. Y.; Bruce Price, N. Y.; R. M. Hunt, N. Y.; Bailey,
Banks & Biddle, Phila.; Frank Hill Smith, Boston; A. H. Davenport, Boston.

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84 to 92 Illinois Street CHICAGO

ORNAMENTAL
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

building by extending both wings of the structure.
The improvements will cost about \$19,000.

Macon, Ga.—A press report states that plans have
been prepared by Architect Denny, of Atlanta, for
a new hotel, which is proposed to be erected here,
to cost about \$270,000.

Menominee, Mich.—The Lakeside Chautauqua
assembly is considering plans by Stephenson &
Maass, of this city, and Ferry & Cias, architects,
of Milwaukee, for the new building. Work on the
science hall, hall of philosophy, library and audi-
torium will be begun within a month; cost, \$12,000.

Minneapolis, Minn.—Frederick Kees is preparing
plans for the rebuilding of the Grand Opera House
on 6th St. The old side and back walls will be
used as they stand. The interior will be of iron
and steel, fireproofing and slow-burning construc-
tion. It is to be a seven-story structure, 72' x 132',
costing about \$125,000.

Middlebury, Vt.—By the will of Egbert Starr, of
New York City, the sum of \$50,000 was left to the
Middlebury College, for the erection of a new
library building. It is quite likely that the site
chosen will be at the southeast corner of the cam-
pus beyond Starr Hall, which already marks the
liberality of this family to the institution.

Montclair, N. J.—Plans prepared by Architects
Van Vleck & Goldsmith, of New York, have been
accepted for the new Y. M. C. A. building to be
erected here, to cost, including site, about \$50,000,
John R. Livermore, Chmn. Bldg. Com.

Mt. Vernon, N. Y.—The Board of Education has
decided to purchase a plot on the northwest corner
of Bedford and 5th Sts. for a new school for Vernon
Heights.

Nashville, Tenn.—The Sisters of Charity of St.
Joseph will build a new infirmary building to cost
\$100,000.

Newark, N. J.—Plans have been completed by
Architect H. D. Havell, of 760 Broad St., for a new
hall and lodge building to be erected by the Knights
and Ladies of the Golden Star. It is to be five
stories, 50' x 115', built of brick and stone and will
have all modern conveniences; cost about \$45,000.

New Brunswick, N. J.—The Pennsylvania Rail-
road Co. will probably erect a new passenger sta-
tion in this city to cost \$30,000.

The sentiment in favor of some immediate action
regarding the modernizing of the Middlesex County
Court-house at this place is growing, and it is
thought that the matter will have the attention of
the Board of Freeholders at the next regular meet-
ing. The great need for something of this sort is
realized, and it is thought that the amount neces-
sary to make the alterations will be included in the
yearly budget in the spring.

New Haven, Conn.—Plans have been prepared by
Architects Brun & Hauser, of 1123 Broadway, New
York City, for a three-story brick-and-stone chapter
house to be erected for the Phi Delta Kappa Society
of Yale College. It will cost \$25,000.

New York, N. Y.—Report states that the New
York Metal Exchange will erect a ten-story fire-
proof structure on the site of the present two-story
building corner of Pearl St. and Burling Slip. The
lot has an area 40' x 62'.

Albert Thompson and Hill & Turner, 44 Broad-
way, have prepared preliminary drawings for a
church, Sunday-school and club-house building for
the Washington Heights Dutch Reformed Church,
on Convent Ave., northeast corner of 145th St.;
Rev. Dr. Chas. B. Chapin, 355 W. 145th St., pastor.
The estimated cost of the building is \$125,000.

Philadelphia, Pa.—Contractor Allen B. Rorke has
filed plans for extensive interior alterations and a
four-story addition, 26' x 77' 9", to No. 1510 Walnut
St., which is to be occupied by the University Club.
The work is estimated to cost \$25,000.

Pittsburgh, Pa.—Plans prepared by F. C. Sauer,
architect, have been accepted by the directors of
the West End National Bank for a new three-story
stone building, to be erected on Wabash Ave. and
Main St.

Racine, Wis.—Chandler & Park, architects, of this

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

city, have prepared plans for an addition to the 3d
Ward school; cost, \$25,000.

Rome, N. Y.—Archimedes Russell, of Syracuse,
has prepared plans for a new building to be built
for St. Peter's Academy. It will be four stories,
stone and terra-cotta, 70' x 90', and will cost \$35,-
000.

Springfield, Mass.—The Joint Standing Committee
of Amity, De Soto and Hampden Lodges of Odd
Fellows have reported favorably on the erection of
a new Odd Fellows Building, to be of buff brick,
four stories, to cost in the vicinity of \$125,000.

St. George, W. Va.—It is stated that plans are
wanted for the proposed new Court-house to be
erected at a cost of \$30,000, J. W. Campbell, Com-
missioner.

Worcester, Mass.—The First Presbyterian Church
of this place will erect a new structure, Rev. Alva
R. Scott, pastor.

PROPOSALS.

Treasury Department, Office Supervising Architect,
Washington, D. C., January 22, 1898. Sealed propo-
sals will be received at this office until 2 o'clock P. M.
on the 18th day of February, 1898, and opened im-
mediately thereafter, for all the labor and materials
required for the erection and completion (except
heating apparatus) of the United States Post-office
building at South Omaha, Neb., in accordance with
the drawings and specification, copies of which may
be had at this office or the office of the Superintendent
at South Omaha, Neb. The right is reserved to
reject any or all bids and to waive any defect or in-
formality in any bid should it be deemed in the
interest of the Government to do so. Proposals must
be enclosed in envelopes, sealed and marked "Pro-
posal for the Erection and Completion of the United
States Post-office at South Omaha, Neb.," and ad-
dressed to the Supervising Architect. 1154

COMPETITIONS.

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

A SCHOOL OF FINE ARTS.

[PROGRAMME A.]

COMPETITION NO. 2.

The Committee on Education proposes as a subject
for competition, "A School of Fine Arts."

This group of buildings is to be situated on an
irregular plot of ground fronting on a circular place
of 200 feet diameter, and on two streets, each of
which makes an angle of 60 degrees with an axis
drawn through centres of the plot and of circular
place.

Two of the remaining sides of the plot begin at
points 250 feet from centre of circle and run back
at right angles to each street respectively for a dis-
tance of 280 feet.

The two points thus found are connected by a line
bounding rear of lot.

REQUIREMENTS.

An auditorium, containing about 7,000 square feet,
exclusive of stage.

Two exhibition departments, about 40' x 120', two
stories high; the first story being for sculpture, the
second story for paintings, with top light. One of
these departments to be for permanent collections
of plaster-casts and paintings; the other for school
exhibitions.

A large vaulted vestibule should serve the audi-
torium and exhibition-rooms for the use of the
public.

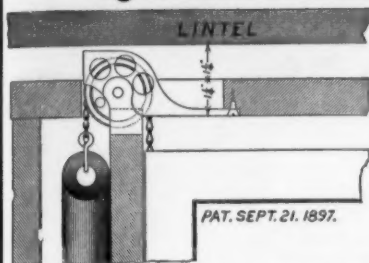
A reference-library for students on second story
over vestibule.

Ample staircases lead to second story from vesti-
bule to serve the picture-galleries and library.

Secondary staircases where necessary.

Nine studio buildings for students of architecture,
painting and sculpture. Each building about 20' x

(Continued on page xvii.)

QUEEN OVERHEAD PULLEYS.

Architects will note cut above. It represents a 2 1-2 inch pulley, and only requires 2 1-2 inches head-room from top of sash.

No Extra Head-room Needed. No Grooving of Sashes.
No Lead Weights.

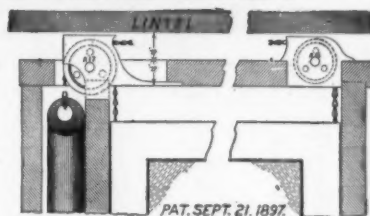
Concealed from view when in use, and the least possible space is left around the pulley; air and insects are practically prevented from entering.

No iron or steel work in any building will interfere with the perfect action of the Queen Pulley.
Used in the principal new buildings in New York City.

Send for Catalogue and Price List.

QUEEN SASH BALANCE CO.,

150 Nassau Street, New York City.



Queen Mullion Frame Pulleys.

Designed to do away with the mullion pocket in twin windows. Are operated by one weight and give from 6 to 8 inches more glass space than by ordinary methods. Space necessary above window head ONLY 11-4 INCHES, or 21-2 inches from top of sash.

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ST. LOUIS.

WORCESTER.

READY FEBRUARY 1.

MONOGRAPHS OF AMERICAN ARCHITECTURE,

NO. VI.

.. THE ..
LIBRARY OF CONGRESS,
Washington, D. C.

Architects: SMITHMYER & PELZ: P. J. PELZ; E. P. CASEY.

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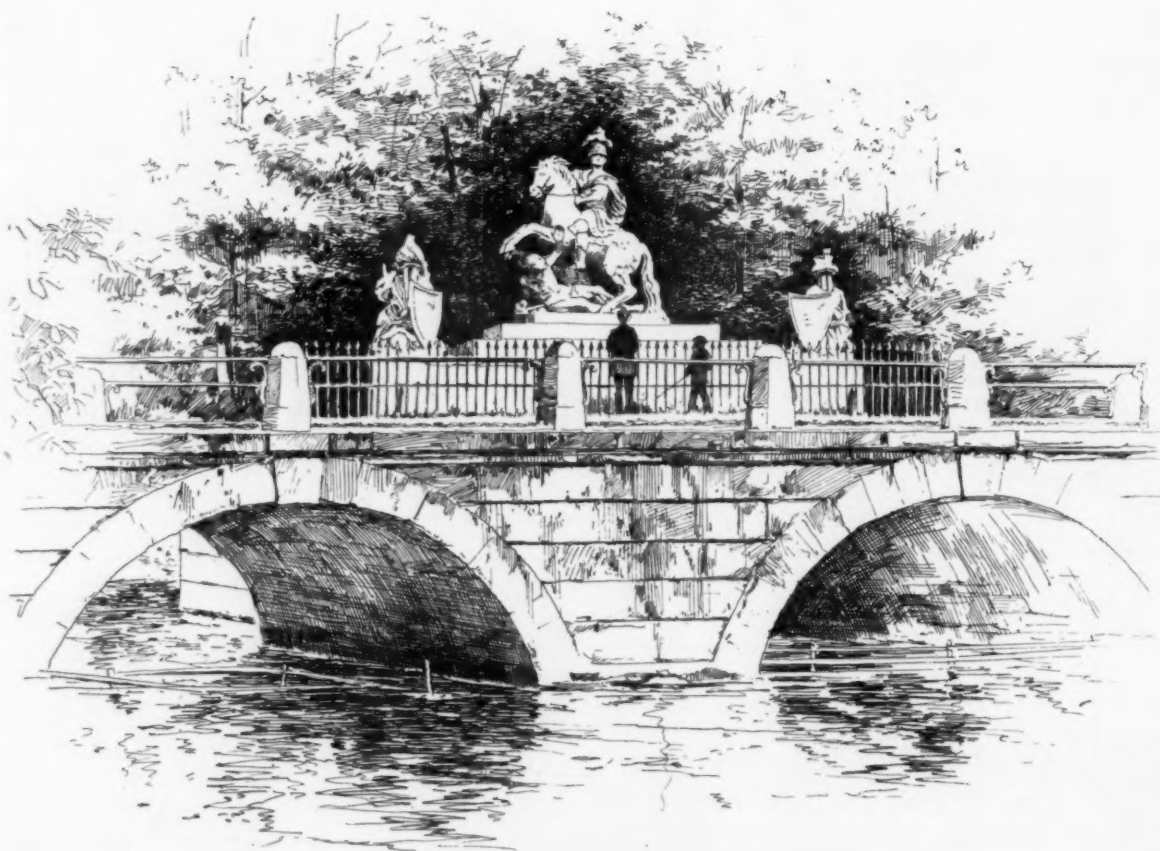
NOTE:—About half of these prints have been published in the International Edition of the "American Architect," but no one of them has appeared in the Regular or Imperial Editions and no one of the remainder of the prints has before been published.



Peter the Great, bronze, St. Petersburg, Russia.
Martelli, Sculptor. 1800.



Bogdan Tchemelnitzki, bronze, Kiev, Russia. 1888.



John Sobieski, marble, Lasienki Park, Warsaw, Poland. 1783.

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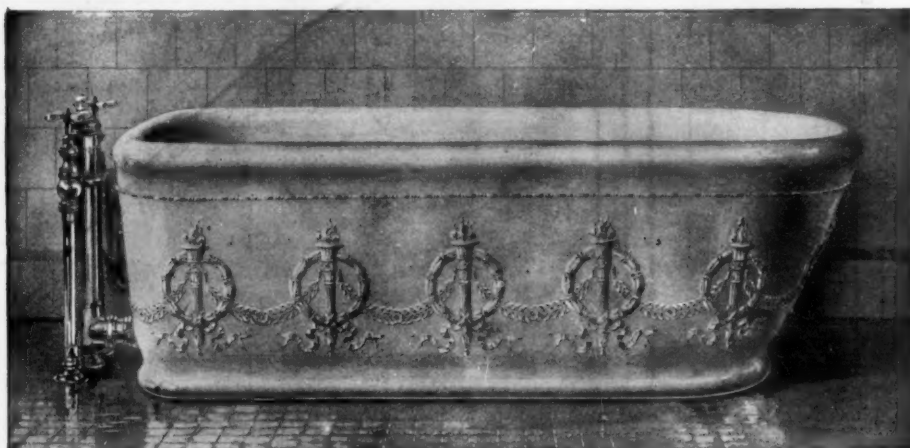
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COMPETITIONS.

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Sketches Required: Students intending to compete are required to send, on or before February 1st, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three named sketches on tracing-paper; one plan of entrance-floor and grounds, including circular place and streets at a scale of 1-32" to the foot.

Section from front to rear throughout plot and place at same scale. Elevation of facade at 1-16" to the foot.

Finished Drawings Required: Plan of entrance-floor and grounds, including circular place, all laid out with appropriate statues, fountains, etc., at a scale of 1-16" to the foot.

Section from front to rear through plot and place at same scale.

Elevation at scale of 1-8" to the foot of auditorium, and half of buildings on each side cut off by a straight line. This is to bring the drawing within the limits of the sheet of paper. A single human figure to be drawn on elevation.

These drawings are to be rendered in water-color, mounted on stretchers, and forwarded, on or before (April 15, 1898, to W. S. Budworth & Son, 424 West 52d St., New York City, expressage prepaid.

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

New York, January 15, 1898.

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

Drawings will be rendered June 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*, of Boston, and *Architecture and Building* of New York.

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

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COMPETITIONS.

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

A BELL TOWER.

[SKETCH PROGRAMME.]
SKETCH COMPETITION NO. 1.

The Committee on Education proposes as a subject for competition, "A Bell Tower."

This tower is supposed to stand in the common or large square of a small town. It may have been erected as a memorial of some event. It is to contain a chime of bells.

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

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

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

The finished sketch must be sent, flat, unmounted, on or before Monday, January 31, 1898, to Edward L. Tilton, Chairman, 57 Broadway.

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

COMPETITIONS.

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

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

January 15, 1898.

All announcements relating to the competitions will be published in the *American Architect*, of Boston, and the *Architecture and Building*, of New York.

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

This slip must be sent with the sketch.

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

Signed

A BALLROOM IN A CITY MANSION, CORINTHIAN ORDER.

[PROGRAMME B.]

SKETCH COMPETITION NO. 2.

The Committee on Education proposes as a subject

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COMPETITIONS.

For competition, "A Ballroom in a City Mansion, Corinthian Order."

This room is supposed to be for balls and fetes in a city mansion. The end elevation is required, showing a musicians' gallery. A free treatment of the Corinthian order is to be employed either for the room or for the details of the gallery.

The room is to be about 50 feet in width, with height properly proportioned, and ceiling vaulted or flat as desired.

Sketches Required: Students intending to compete are required to send, on or before February 1st, to Edward L. Tilton, Chairman, 57 Broadway, New York City, the following three sketches on tracing-paper: Plan, elevation and section at 1-8" to the foot.

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

COMPETITIONS.

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

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

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

January 15, 1898.

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

Drawings will be rendered June 15, 1898. All announcements relating to the competitions will be published in the *American Architect*, of Boston, and the *Architecture and Building*, of New York.

NOTE.—This competition is open to all students

COMPETITIONS.

of architecture, conditions of judgment and jury to be arranged by the committee. 1153

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., January 15, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of January, 1898, and opened immediately thereafter, for all the labor and materials required for the approaches to the United States Appraisers' Warehouse, New York, N. Y., in accordance with drawing and specification, copies of which may be had at this office or the office of the Superintendent at New York, N. Y. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Approaches to the United States Appraisers' Warehouse, New York, N. Y.," and addressed to the Supervising Architect. 1153

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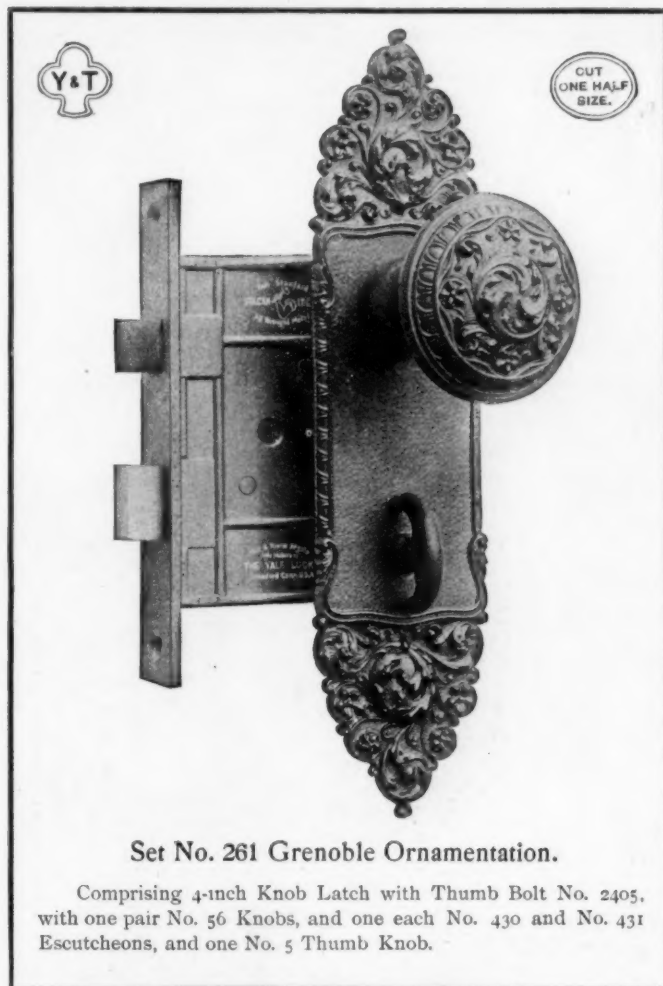
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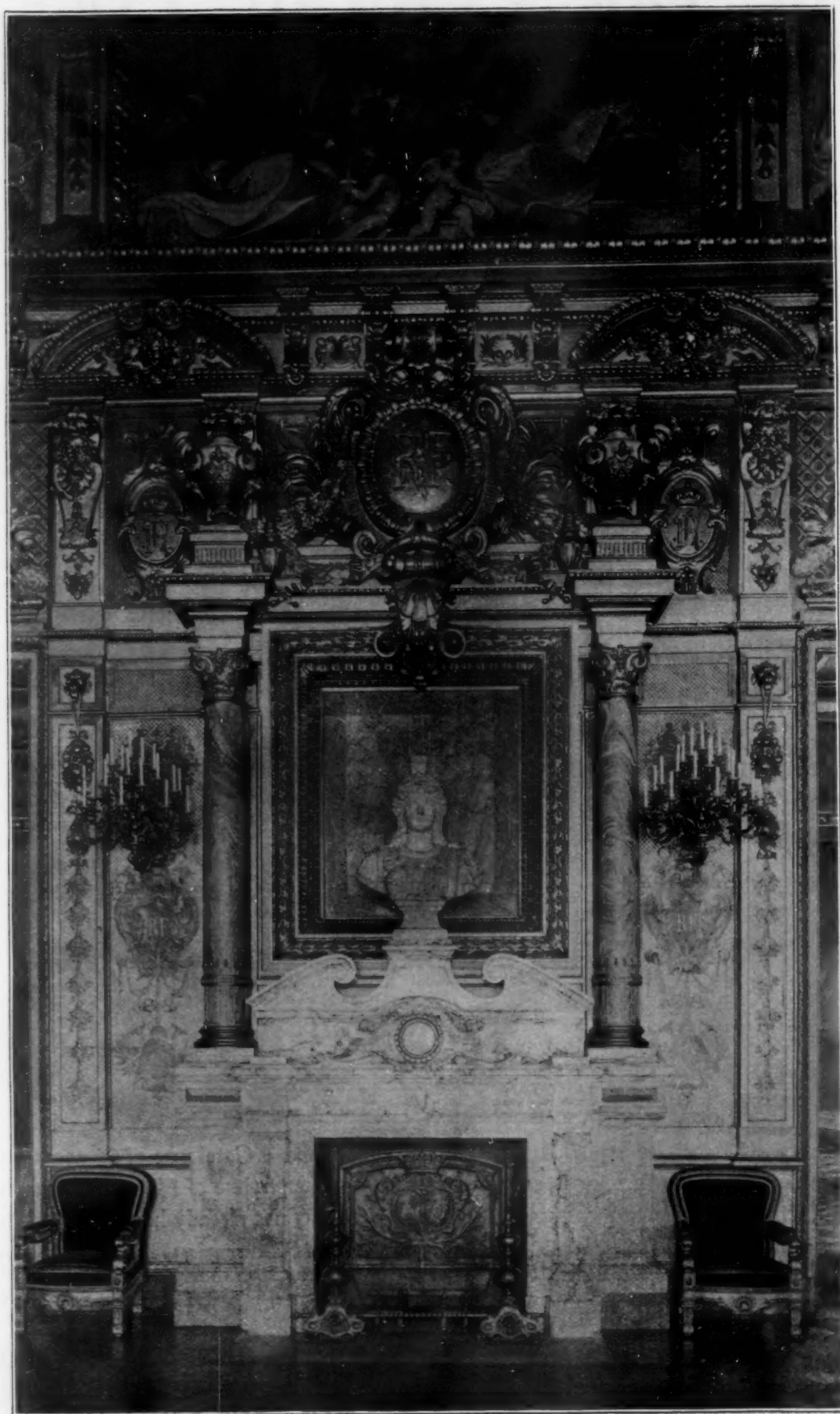
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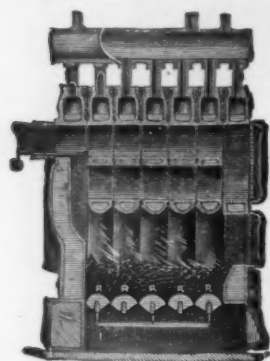
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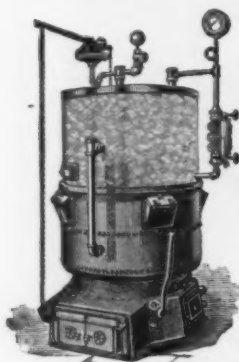
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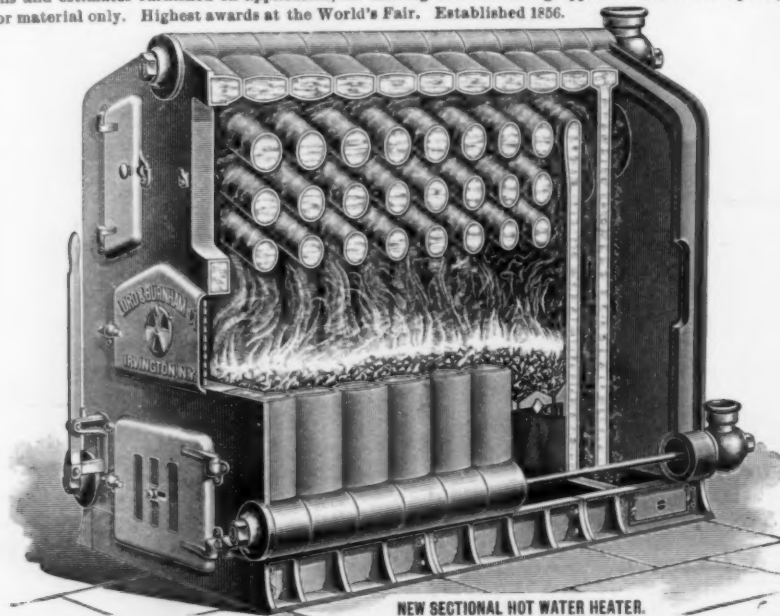
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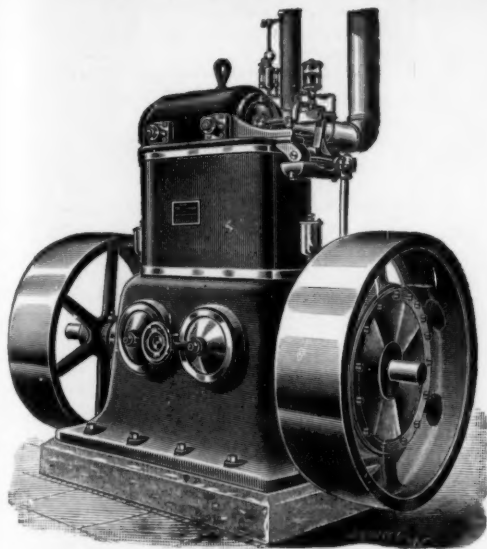
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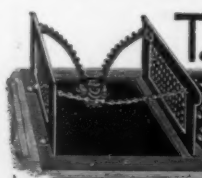
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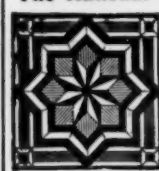
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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Alliegheny, Pa.—A. M. Byers will build a large new stable here to cost \$40,000. It will be of brick and stone, with a tile roof. It will be two stories high, designed by Alden & Harlow, the Pittsburgh architects. The interior will be finished in the most expensive and substantial manner.

Altoona, Pa.—The Grace Lutheran Church will build a \$20,000 stone church in the spring from plans by Charles M. Robinson, architect, 1910 W. Chestnut Ave.

Amherst, Mass.—A veterinary laboratory and stable hospital is needed for the Massachusetts Agricultural College and the Legislature will be asked to appropriate \$30,000 for the same.

Baltimore, Md.—It is stated that plans have been prepared by George Archer, architect, for a new building to be erected by the Board of Trustees of the Johns Hopkins University at the medical school, adjoining the hospital.

Beverly, Mass.—A new \$40,000 school-house is contemplated.

Chatham, N. J.—Plans have been prepared for several new school-houses to be erected, at a cost of \$100,000.

Cleveland, O.—It is quite probable that this city will have a large music-hall soon. A syndicate is behind this project and have already had plans prepared. It will cost about \$50,000.

Deal, N. J.—James Brown Lord, of 160 Fifth Ave., New York City, has completed the plans for the casino to be built for the Atlantic Coast Realty Co., of 32 Nassau St., New York City; John P. O'Brien, president, and Percival Farquhar, secretary and treasurer. To be two-and-a-half stories, 100' x 175', built of brick, terra-cotta and frame, with slate roof and all the latest conveniences, including pool baths, bathing quarters and billiard-rooms; to cost about \$50,000. Work is to be started about March 1st.

Des Moines, Ia.—A press report states that at the next general election the citizens will vote on the question of erecting a new Court-house to cost about \$350,000.

East St. Louis, Ill.—A press report states that the plans for the new depot to be erected here by the Relay Depot Association are about completed, and as soon as site has been selected work will begin. The depot, it is said, will cost about \$100,000, and the changing of the tracks about \$250,000. Clarence F. Parker, General Agent of the Illinois Central, is president of the Association.

Elizabeth, N. J.—The Trustees of the Central Baptist Church, Rev. Dr. Tomlinson, pastor, have decided to erect a new \$40,000 church.

Gettysburg, Pa.—The members of St. Francis Xavier Church have purchased three properties and will erect a two-story brick building. Work on the new building will be commenced on April 1st.

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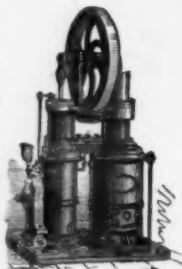
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**BUILDING INTELLIGENCE.**

(Advance Rumors Continued.)

Greenburg, Pa.—The plans for the new Court-house have been submitted. It is estimated to cost \$300,000. It will be constructed of either granite or Cleveland stone.

Hackensack, N. J.—The County Board of Freeholders contemplate erecting a new Jail at this place.

Lexington, Ky.—A press report states that plans and bids will be considered by the Fiscal Court on February 10 for the erection of a new Court-house; estimated cost, \$150,000.

Little Rock, Ark.—The Catholic Church at Fort Smith, which was badly wrecked by the recent tornado, will be replaced by a new building. The new structure will cost \$100,000. Work will be commenced at once.

New Britain, Conn.—The School Board is considering the question of building two new school-houses.

New London, Conn.—Reports state that St. Mary's Church, Rev. Thomas P. Joynt, pastor, will build a \$20,000 brick parochial school from plans by Jas. Sweeney.

Northfield, Mass.—Lamb & Rich, of 35 Nassau St., New York City, are the architects for the new school and gymnasium to be erected for Dwight L. Moody.

Orange, Tex.—A press report states that the County Commissioners have decided to erect a new Court-house and Jail and will shortly ask for bids; the cost not to exceed \$50,000.

Philadelphia, Pa.—Charles H. Douglas has prepared preliminary plans for a church building to be erected at Tioga and Howard Sts. The building will be of brick with all modern conveniences. Work is first to be started on the chapel. No contracts have been let.

Plans and specifications have been prepared by the Pennsylvania Railroad for the new ferry-house to be erected at the foot of Market St. The new building will be principally constructed of galvanized iron and ornamental ironwork. There will be new waiting-rooms, ticket-offices, toilet-rooms, baggage-rooms, and provisions are to be made to land passengers from the upper decks of ferry-boats. The structure is to be divided into three sections and will be 150' x 327'.

The veterinary department of the University of Pennsylvania is preparing to erect a stone building on the grounds one story high, 25' x 75'.

Conklin & Armstrong, owners, will erect two large houses at 22d and Tioga Sts. from plans by Edgar V. Seeler. The buildings will each be three stories, of brick and terra-cotta, steam-heat, electric work, hard wood, etc.

Pittsburgh, Pa.—The German Reformed Hebrew Congregation of this city will build a synagogue in this city. It will be one of the finest in the country and will cost about \$120,000.

San Francisco, Cal.—The managers of the College of Notre Dame contemplate erecting a new building to cost \$40,000.

Stockbridge, Miss.—Virginia Butler, of this town, is to build a fine frame house here in spring; 40' x 110', 2½ stories; \$14,000; Stevenson & Greene, architects, 5 Beekman St., New York.

Stonington, Conn.—Architects are invited to submit plans for the new three-story brick school-house to be built at Pawcatuck, at a cost of about \$40,000, to have 11 rooms and a hall. Job Thorp, A. R. Stillman and Charles P. Cottress, Committee on Plans.

Wallingford, Conn.—Chas. H. Tibbetts, executor of the estate of the late Samuel Thompson, has notified the Library Association that the \$25,000 bequeathed the society for a new building is now available.

Waltham, Mass.—T. M. Clark, architect, 22 Congress St., Boston, is preparing plans and will shortly receive bids for the training-school for nurses, to be erected by the Waltham Hospital Association. The main building will be three stories, 140' front, and built of brick.

Washington, Pa.—Plans prepared by Fred J. Osterling, architect, of Pittsburgh, have been accepted for the new Court-house and Jail to be erected here; estimated cost, \$425,000.

Wilkesbarre, Pa.—The Directors of the Wilkesbarre Deposit and Savings Bank are stated to have decided to erect a new building on the site of the present structure on Public Square. Charles Alling Gifford, of 31 Union Square, New York City, has prepared plans for a residence to be built for W. H. Conyngham. It will be two-and-a-half stories, built of stone and brick, with all the latest conveniences, and is to cost about \$40,000.

APARTMENT-HOUSES.

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(Apartment-Houses Continued.)

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Champlain Ave., No. 4555, three-st'y bk. flats, 27' x 66'; \$12,000; o., R. Elam; b., Peterson & Palmer; a., Sierks & Mayer.

Prairie Ave., Nos. 5956-58, three-st'y bk. flats, 52' x 145'; \$55,000; o., Collins & Morris; b., T. A. Collins; a., S. B. Eisendrath.

Stewart Ave., Nos. 6501-7, 2 three-st'y bk. flats, 41' x 56'; \$25,000; o., E. Rich; b., A. Anderson.

W. Sixty-fifth St., Nos. 453-55, three-st'y bk. flats, 41' x 57'; \$12,000; o., E. Rich; b., A. Anderson.

Greenwood Ave., Nos. 5338-44, three-st'y bk. flats, 64' x 85'; \$30,000; o., Harris & McGimsie; b., Geo. Allen & Co.; a., C. M. Palmer.

Ellis Ave., Nos. 6155-57, three-st'y bk. flats, 47' x 100'; \$30,000; o., Richard Curran; b., F. Burke; a., J. R. Stone.

Stanley Terrace, Nos. 26-34, three-st'y bk. flats, 39' x 100'; \$18,000; o. & b., John Davison; a., O. W. Marble.

Calumet Ave., Nos. 5318-24, 4 three-st'y bk. flats, 22' x 63'; \$40,000; o., S. D. Tippet; b., W. S. Joylin & Co.

New Haven, Conn.—Broad St., three-st'y bk. flats, 32' x 67', comp. roof, steam; \$12,000; o., A. Stone; b., L. P. Sperry.

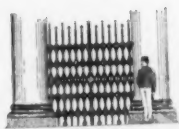
New York, N. Y.—St. Ann's Ave., nr. Westchester Ave., four-st'y bk. & st. flats, 25' x 71'; \$17,000; o., John Noulett, 1232 Tinton Ave.; a., Edw. Wenz.

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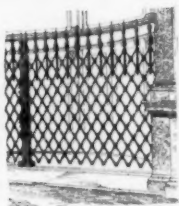
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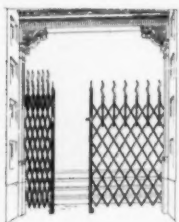
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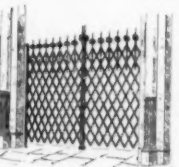
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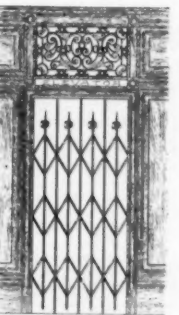
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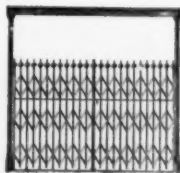
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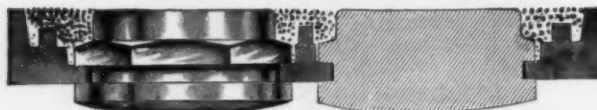
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Christopher Ave., Brooklyn; a. Geo. F. Pelham.

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Committee; a. S. R. Badgley, Cleveland, O.

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Boston, Mass.—Dudley St., No. 47, Ward 18, 2½
st'y bk. club-house, 52' x 92', pitch roof, steam;
\$20,000; o. Edwin D. Bell, 64 Warren St.; a. A. W.
Gould.

EDUCATIONAL.

Jersey City, N. J.—York St., three st'y bk. & st.
lyceum, school & hall, 70' x 150'; \$45,000; o. St.
Peter's R. C. Church, Father Harpes; a. Herman
Kretler, 62 Broad St., New York City.

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BUILDING INTELLIGENCE.

(Educational Continued.)

Lexington Ave., four-st'y bk. & st. parochial
school-building, 100' x 100'; o. St. Stephen's R. C.
Church, Charles H. Colton, pastor, 142 E. 29th St.;
a. Elliott Lynch.

St. Louis, Mo.—Grattan St., o. s. bet. Hickory St.
& Park Ave., one-st'y bk. school; \$8,500; o. Board
of Education.

FACTORIES.

Worcester, Mass.—Vine St., three-st'y bk. factory
building; \$6,000; o. A. H. Brunnell; o. C. A.
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HOTELS.

Boston, Mass.—Massachusetts Ave., cor. Norway
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roof, steam; \$100,000; o. E. A. Bangs, Pemberton
Sq.; b. W. L. Morrison; a. Henry B. Ball.

HOUSES.

Bernardville, N. J.—2½-st'y fr. dwell.; \$6,000; o.
George Salisbury; a. Wm. S. Post, 33 E. 17th St.,
New York City.

Boston, Mass.—Russell Park, No. 6, Ward 20, two-
st'y fr. dwell., 26' x 42', pitch roof, furnace; \$4,500;
o. Alex. Stein; b. Matthew Morgan, 21 Shawmut
Park.

Wescott St., Ward 20, two-st'y fr. dwell., 25' x 38',
pitch roof, furnace; \$4,000; o. & b. F. H. Phillips,
Lynn; a. W. H. Grainger, 27 School St.

Centre St., nr. Seaborn Ave., Ward 20, two-st'y fr.
dwell., 26' x 50', pitch roof, furnace; \$5,500; o.
Fred H. Russell; b. A. B. Worthen, 35 Kenwood
St.

Estmond St., nr. Charlotte St., Ward 20, two-st'y
fr. dwell., 30' x 42', pitch roof, furnace; \$4,000; o.
James V. Whidden, 51 Kilton St., Dorchester, not
let.

Boston St., cor. Orchard Pl., Ward 16, three-st'y
bk. dwell. & store, 28' x 49', flat roof, stoves; \$4,000;
o. & b. T. and W. Cavanaugh, 473 Dorchester St.

Wabeno St., nr. Wabon St., Ward 21, two-st'y fr.
dwell., 34' x 60', pitch roof, furnace; \$6,000; o. Sara
Aronson, 326 Blue Hill Ave.; b. Geo. W. Palmer;
a. Henry A. Mears.

Charlotte St., nr. Blue Hill Ave., Ward 20, 2½-st'y
fr. dwell., 28' x 39', hip roof, furnace; \$6,500; o.
Margaret V. Navin; a. T. Edw. Sheehan, Tremont
Building; not let.

Moultrie Ave., No. 6, Ward 20, two-st'y fr. dwell.,
26' x 53', pitch roof, furnace; \$5,500; o. Mary A.
Brown; b. Arthur G. Brown, 3 Moultrie Ave., Dor-
chester.

Tonawanda St., nr. Waldeck St., Ward 20, two-
st'y fr. dwell., 31' x 54', pitch roof, furnace; \$5,500;
o. & b. Joseph I. Stewart, 50 Bloomfield St.

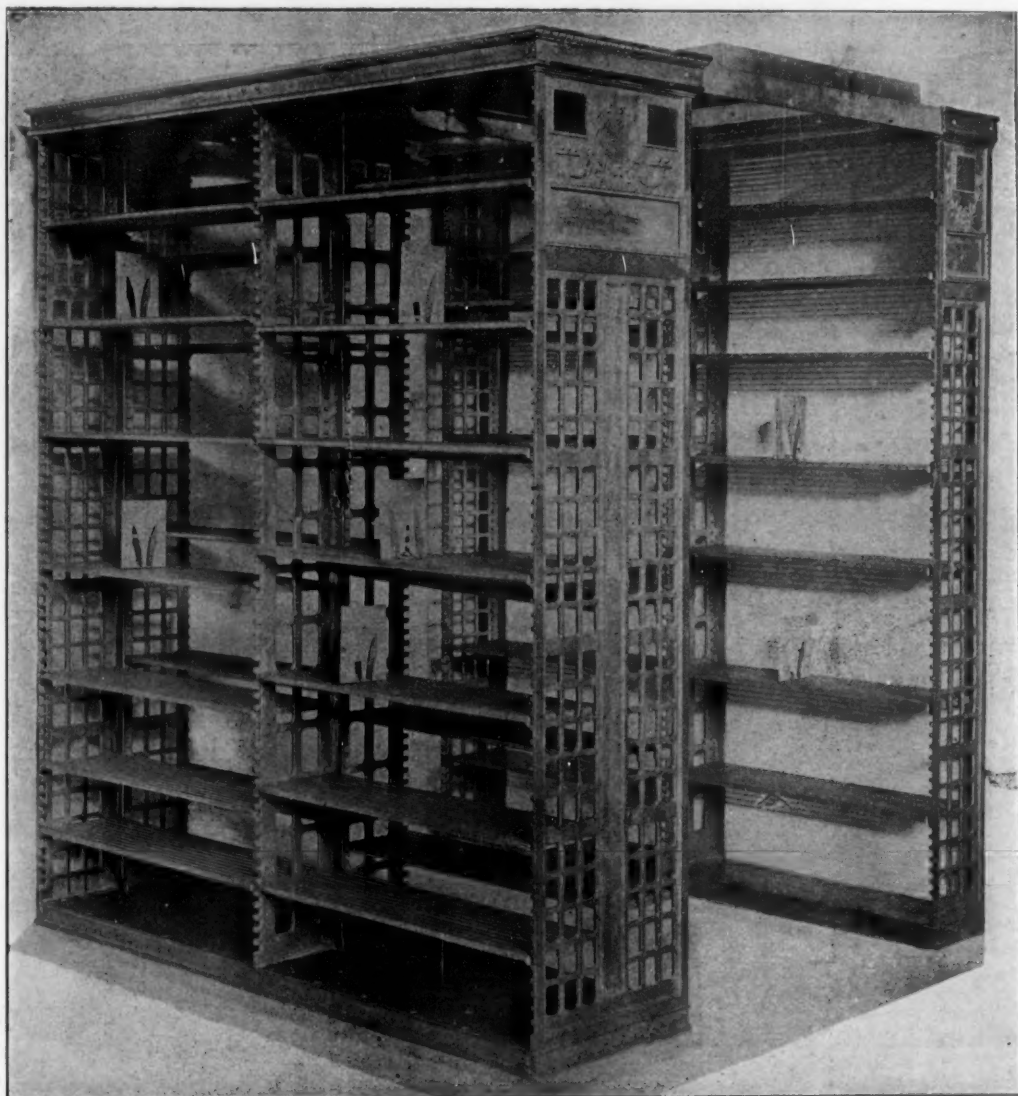
Woodside Ave., nr. Forest Hill St., Ward 22, two-
st'y fr. dwell., 28' x 38', pitch roof, furnace; \$4,500;
o. Wm. A. Whitten; b. M. A. Blanchard, 91 Boyl-
ston St., Jamaica Plain.

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dwell., 18' x 28' x 80', flat roof, furnace; \$5,000; o.
Hilda Carlson; b. C. E. Carlson.

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o. Sarah Aronson; b. Geo. W. Palmer; a. Henry
A. Mears, 7 Mt. Vernon St.

Igley Road, nr. Walnut Ave., Ward 27, 2½-st'y fr.
dwell., 23' x 36' x 41', hip roof, steam; \$9,000; o. &
b. A. Kaulbeck, 2 Warner Pl., Dorchester; a. Geo.
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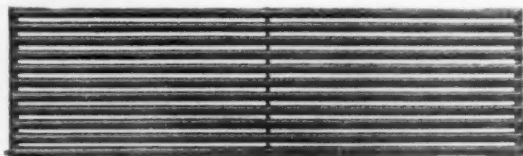
(Continued on page xvii.)



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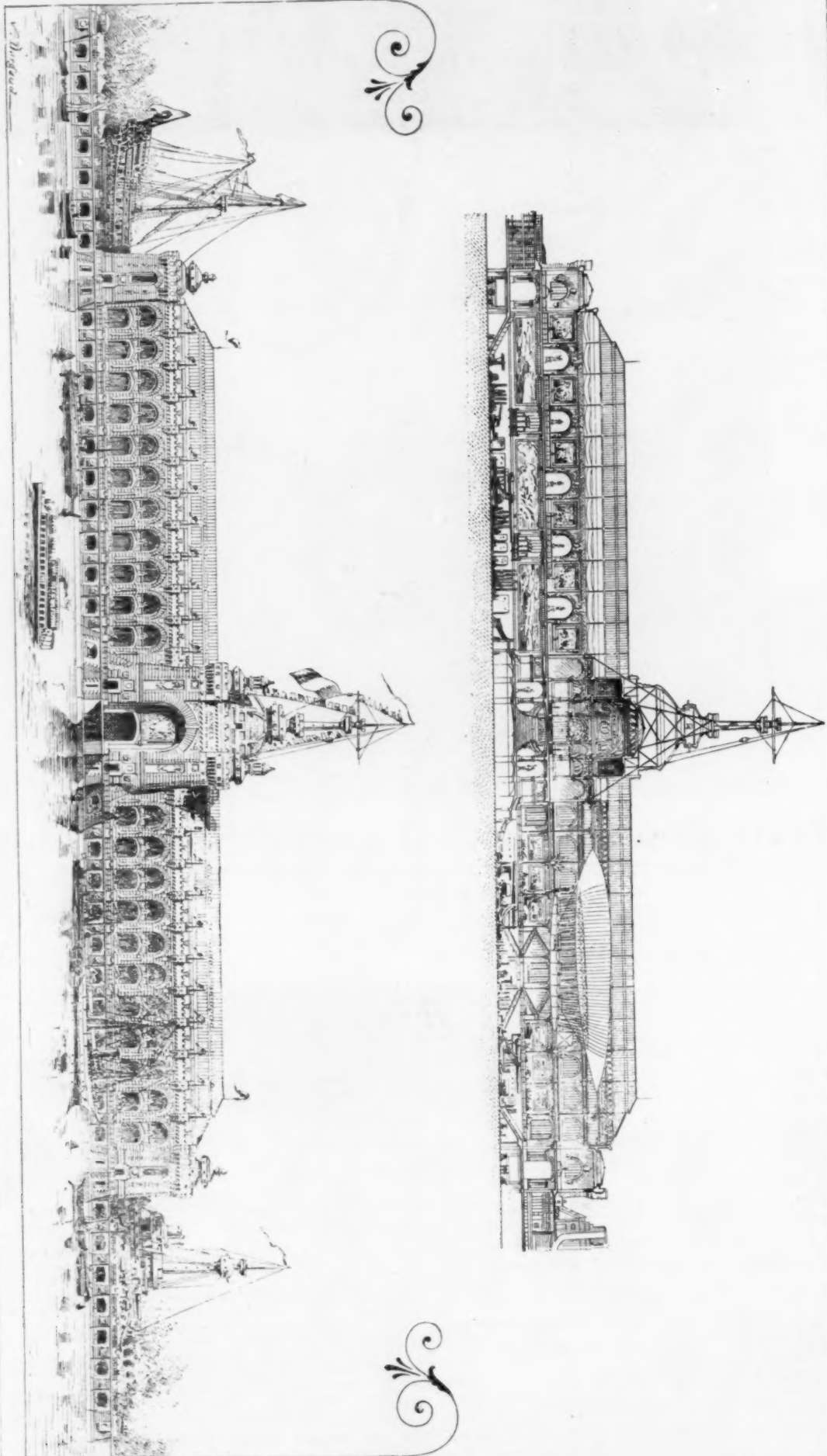
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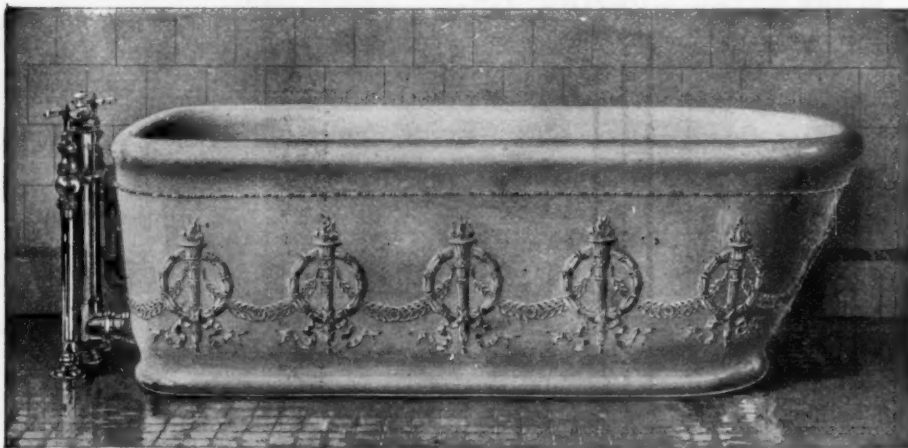
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Montello St., nr. Colberg Ave., Ward 23, two-st'y fr. dwell., 28' x 44', pitch roof, furnace; \$5,000; o. & b., Jas. W. Sigsworth, 183 Amory St., Roxbury.

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Wait St., nr. Huntington Ave., Ward 19, three-st'y bk. dwell., 23' x 45', flat roof, stoves; \$6,500; o. & b., Thos. F. Maguire, 764 Huntington Ave.

Park St., nr. Washington St., Ward 20, two-st'y fr. dwell., 31' x 44', pitch roof, furnace; \$5,000; o. & b., Henry J. Rice, 634 Washington St., Dorchester.

Everett Road, nr. Savin Hill Ave., Ward 20, two-st'y fr. dwell., 28' x 45', pitch roof, furnace; \$4,000; o. & b., Robert Armstrong, Folsom Ave., Melrose.

Tonawanda St., nr. Greenbriar St., Ward 20, two-st'y fr. dwell., 26' x 50', pitch roof, furnace; \$5,000; o., Mary A. Cleaves; b., C. W. Allen, 12 Vinson St.

Hillside St., nr. Oswald St., Ward 19, 3 two-st'y fr. dwells., 25' x 52', pitch roofs, stoves; \$14,000; o. & b., M. McPherson, 75 Day St.

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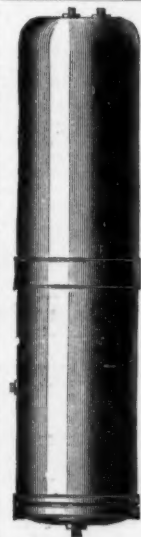
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(Continued in Supplement.)

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., January 29, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of February, 1898, and opened immediately thereafter, for all the labor and materials required for the hydraulic passenger-elevator at the United States Post-office, Pueblo, Col. In accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pueblo, Col. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must

PROPOSALS.

be enclosed in envelopes, sealed and marked "Proposal for Hydraulic Passenger-elevator at the United States Post-office at Pueblo, Col.," and addressed to the Supervising Architect. 1155

Treasury Department, Office Supervising Architect, Washington, D. C., January 22, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of February, 1898, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating apparatus) of the United States Post-office building at South Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at South Omaha, Neb. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Erection and Completion of the United States Post-office at South Omaha, Neb.," and addressed to the Supervising Architect. 1154

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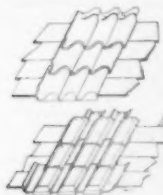
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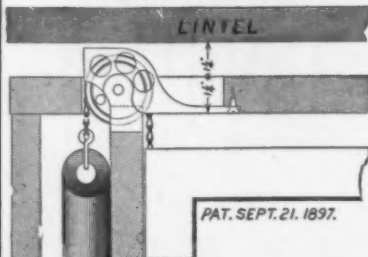
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Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
BRICK. — P. M.				
(Wholesale Prices.) (Prices to Builders and Contractors.)				
Common: Cargo afloat.	3 00 @ 3 50			
Pale.	5 50 @ 5 75			
Jersey.				
Long Island.	5 50 @ 5 75			
Up River.	@ 6 00			
Haverstraw Bay 2d.	@ 6 25			
" 1st.	@ 7 00 @ 7 25			
Hollow.	@			
Fronts:				
Croton, Brown.	10 50 @ 11 00			
" dark.	12 00 @			
" red.	12 00 @			
Chicago pressed.				
" Moulded.	37 00 @ 41 00			
Baltimore.	19 00 @ 21 00			
Philadelphia.	17 00 @ 18 00			
Trenton.				
Milwaukee.				
Moulded:				
Red Pressed.	@ 29 00			
Buff.	@ 27 00			
Moulded Red & Buff.	45 00 @ 70 00			
Enamelled: Imp.	85 00 @ 100 00			
Enamelled (edge).	90 00 @ 110 00			
Enamelled (edge and end).				
CEMENT, LIME, etc. (P. M.)				
Rosendale Cement.	90 @ 85	95 00 @ 1 00		
Louisville.				
Utica, Akron, Buffalo, Milwaukee.	Not sold.			
Portland, Eng. (Gilbe).	2 25 @ 2 50			
" (R. B. & S.).	2 25 @ 3 00			
" (Black Cross).	2 25 @ 2 50			
" (Burnham).	2 50 @ 2 50	2 20 @ 2 50		
" (White's).	2 65 @ 3 00	@		
" French (Lafarge).	3 60 @ 3 75	@ 5 00		
" Ger. (Alsen).	2 90 @ 3 25	2 75 @ 3 00		
" (Feyer).	2 25 @ 2 40	B's, Shoobridge & Co.		
" (Vorwöhler).	2 50 @ 2 90	English 2 30		
" (Lagerdofer).	@	2 75 @ 3 00		
" (Dyckerhoff).	2 75 @ 3 00			
" (Hanover).	2 50 @ 3 00			
" Stettin, (Anchor).	2 35 @ 2 45	@		
Roman.	2 75 @ 3 00	3 50 @ 4 00		
Keene's coarse.	4 25 @ 4 75	@ 7 00		
superfine.	@ 6 50	8 00 @ 9 00		
Lime:				
Lime of Tell.	@ 4 00			
Hydraulic Lime.	@ 1 45			
Chicago Lime in bulk.	@ St. John			
Wisconsin Lime.	@			
Rockland and Rockport, (Com.).	@ 75	@ 90		
Rockland, finish.	@ 85	@ 95		
Kelley Island Lime, finish.	@			
State, Com. cargo rates.	@ 70	Not sold.		
State, finishing.	@ 1 10	Not sold.		
Plaster-of-Paris (calcined).	1 30 @ 1 40	1 85 @ 2 00		
" (casting).	@ 1 60	@ 2 25		
Hair (cattle) bush.	14 @ 16	25 @ 30		
" (Goat).	18 @ 21	@ 30		
Sand, P. load.	1 00 @ 1 25	1 00 @ 1 75		
Building 4 50				
sewer add 1.00				
hollow, add 1.25				
Enam. Imp. Bk.	125 00 @ 145 00			
Enam. Domes.	70 00 @ 85 00			
Select Red Sand.	Mold... 10 00			
St. Louis Hyd'le	Press... 27 00			
Collinsville, do	22 00			
Findlay, do 22 00				
Chicago, do	16 00 @ 20 00			
Chicago, do	120 00 @ 135 00			
Brown. 24 00				
Chicago, do Red	11 00 @ 13 00			
Roman. 24 00				
Chicago, do Br'n	12 00 @ 13 00			
Roman. 27 00				
Bushnell Buff	25 00			
Dom. { @ 65				
" { @ 85				
Not sold.				
75 @ 1 00				
75 @ 1 00				
2 50 @ 2 00				
2 50 @ 2 00				
2 50 @ 2 00				
2 50 @ 2 00				
2 50 @ 2 00				
3 75 @ 4 25				
2 90 @ 3 20				
2 60 @ 2 90				
3 10 @ 3 30				
2 75 @ 2 90				
2 85 @ 3 00				
2 75 @ 3 25				
6 00 @ 7 00				
9 00 @ 10 00				
Not sold.				
45 @ 55				
45 @ 55				
Not sold.				
Not sold.				
1 00 bulk, 75c.				
Not sold.				
Not sold.				
1 65 @ 1 75				
1 75 @ 1 90				
12 @ 20				
20 @ 25				
1 00 00 1 25				
White Lime bush	25 @ 30			
White Mash	1 25 @ 1 50			
1 00 @ 1 00				
Not sold.				
Not sold.				
1 50 @ 2 25				
1 75 @ 2 50				
20 @				
30 @				

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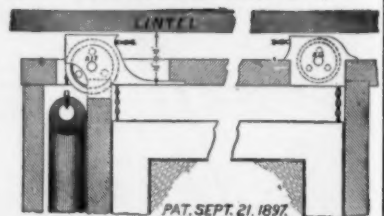
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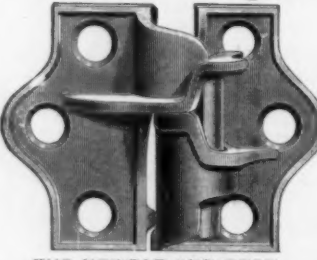
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Foundation:				
Dimension.....	5 00 P ton.	20 @ foot		
Block.....	4 60 P perch.	10 00 @ cord		
Rubble.....	1 25 @ 1 50	9 00 @ "		
Sandstone:				
Longmeadow.....	80 @ 90			95 @ 1 05
Kibbo.....	90 @ 1 10			
Brown (Connecticut).....	1 00 @ 1 30	1 50 P cub. ft.		1 05 @ 1 25
Amherst Ohio.....	90 @ 1 00	45 @ 55		85 @ 95
Berea.....	75 @ 1 00	45 @ 55		55 @ 75
Berlin.....	75 @ 1 00	45 @ 55		85 @ 95
Bellefonte.....	80 @ 1 25	25 @ 1 35		1 00 @ 1 10
New Brunswick (Dorchester).....	75 @ 90	Not sold.		1 05 @ 1 15
Potdam Red.....	1 30 @	1 40 @	1 50 @	1 40 @
Caen.....	1 05 @	2 00 @		1 25 @ 1 35
Carlisle. English.....	1 05 @	1 05 @		95 @ 1 05
Corse Hill (Scotch).....	1 05 @	1 05 @		95 @ 1 05
Granite: (Maine)			80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	20 @ 40	75 @ 85
Joliet.....	1 00 @			Richmond
Lemont.....				P 75 @ 1 50
Serpentine.....		10 50 per ton.		Perch 4 50 @ 5 50
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planned.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@	5 50 @ 6 50	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@		Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@		@ 4 40	2 50 @ 2 75
" Sienna.....	@		Not sold.	@ 5 00
Tennessee, red.....	@		@ 4 40	4 00 @ 6 00
" Knoxville.....	@		@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@		Not sold.	2 00 @ 3 00
Vermont, white.....	@		3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 00 @ 3 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75		4 50 @ 5 50	4 00 @ 4 35
" Chapman.....	@		5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 60	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 35 @ 8 95	6 50 @ 9 00
" ".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.			Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading			9" sq. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 45 50
" 3d quality.....	18 00 @ 22 00	30 00 @ 40 00	20 00 @ 25 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea 13 @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 20 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	18 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@ 1 75		16 00 @ 25 00	22 50 @ 30 00
Laths: Spruce Slab.....				
Pine.....	Round Wood	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce.....	1 75 @ 1 85	1 80 @ 2 25	Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 60 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	(30" \$35 @ 40
Cedar split..... P M.	@	@ 6 00	Not sold.	(24" 8 @ 21
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	(30" 35 @ 14
Cypress. Split..... 7 x 24 "	18 00 @ 30 00	5 00 @ 6 00	@	11 00 @ 14 00

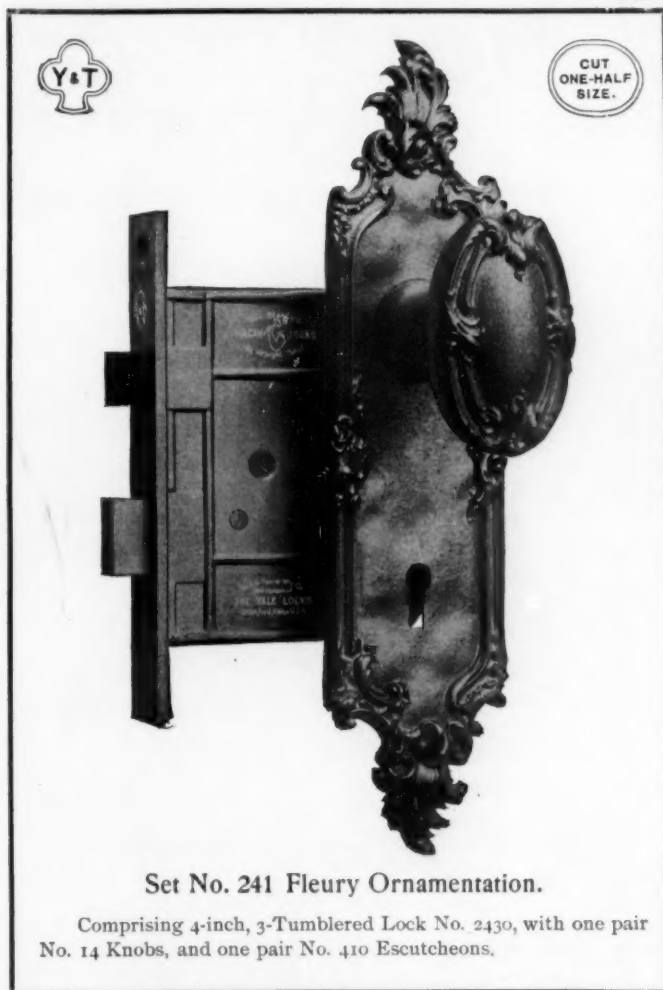
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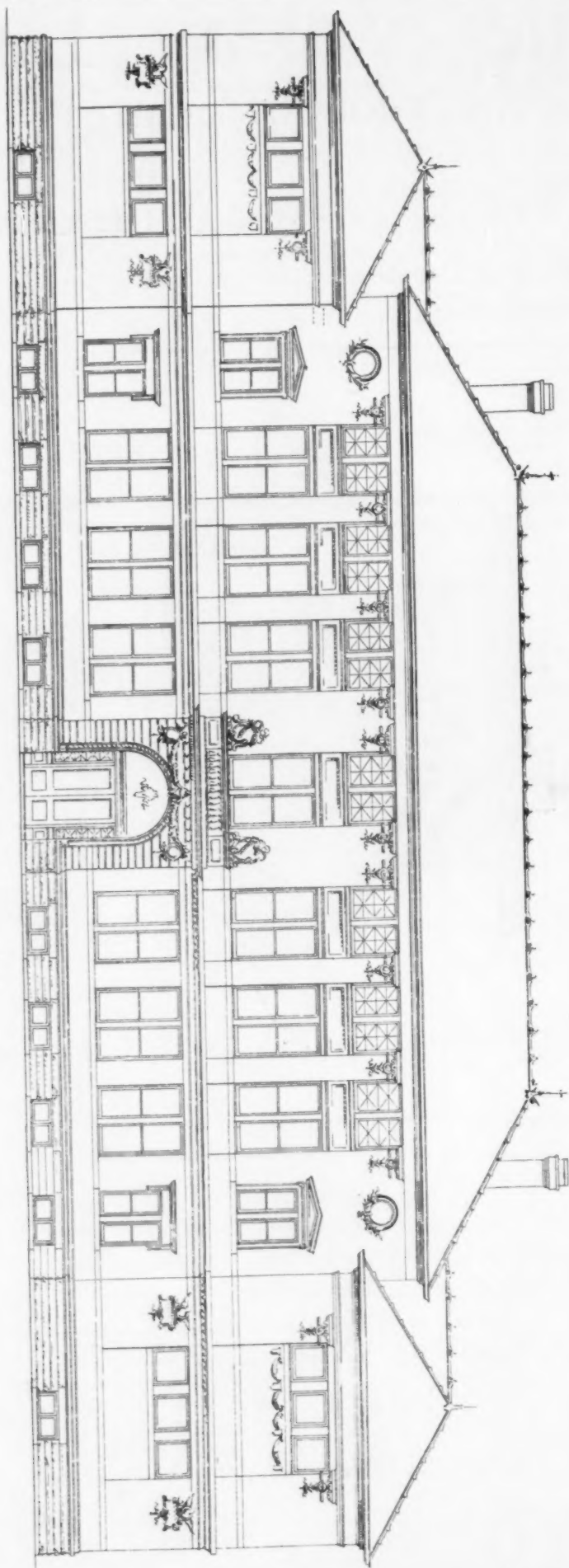
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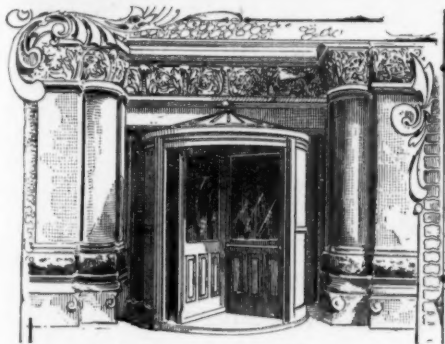
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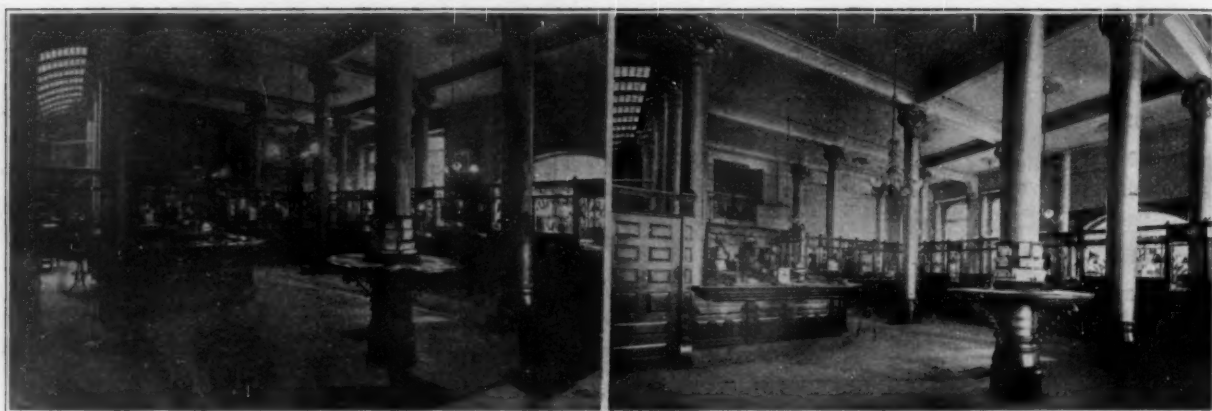
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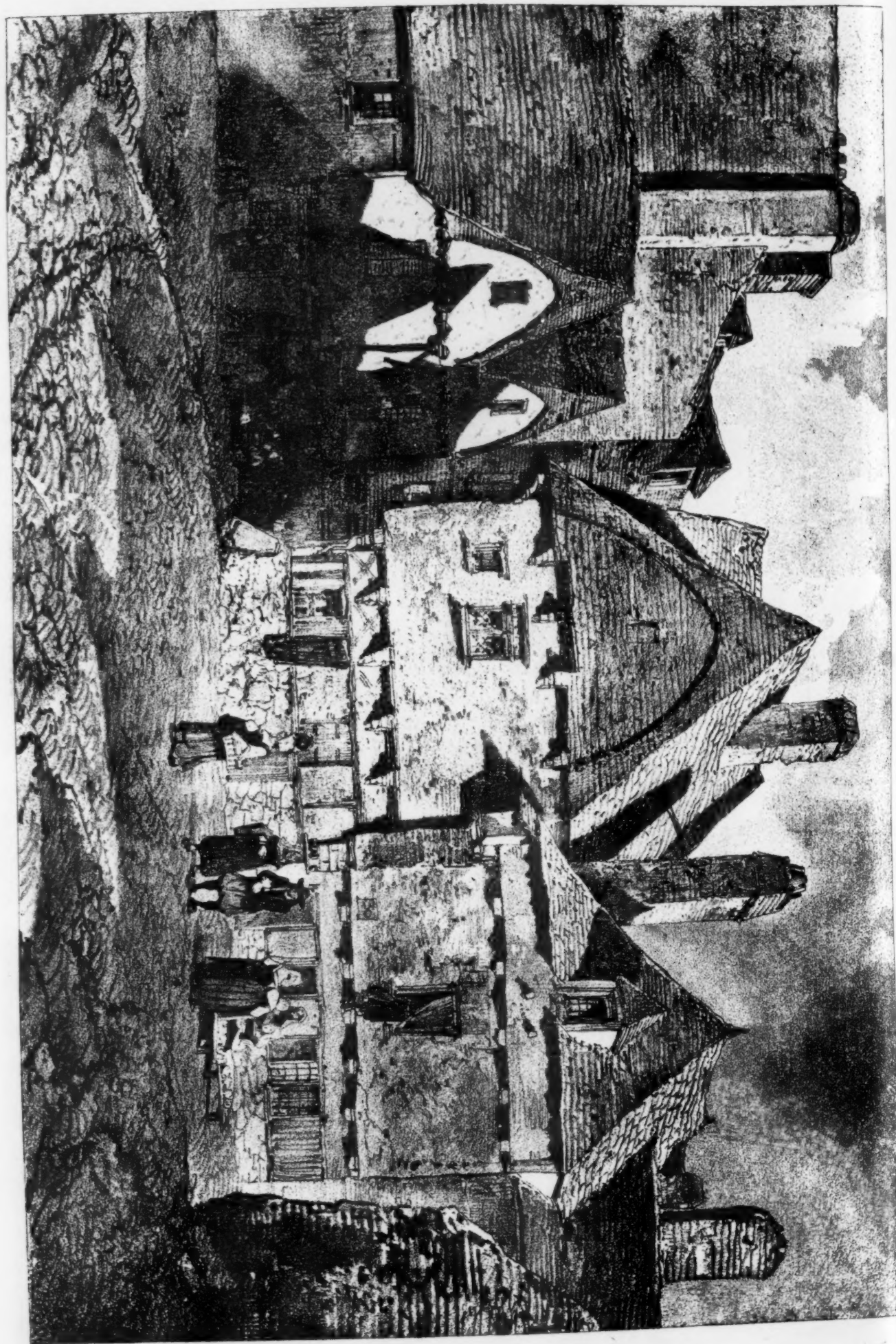
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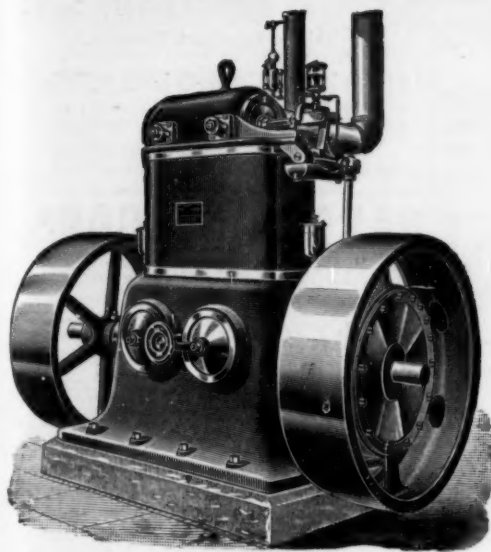
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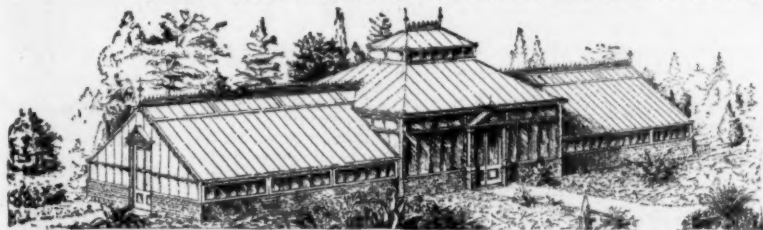
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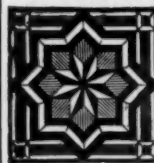
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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ADVANCE RUMORS.

- Allegheny, Pa.** — It is reported that Architect E. M. Butz, Pittsburgh, is preparing plans for an apartment-house and hotel to cost about \$1,000,000, to be erected here.
Anaconda, Mont. — The proposition to issue \$100,-

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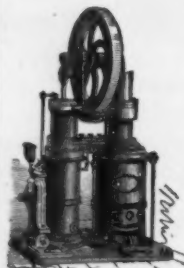
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**BUILDING INTELLIGENCE.**

(Advance Rumors Continued.)

000 in bonds for the construction of a court-house has been favorably voted on.

Baltimore, Md. — It is stated that the Sharp St. African M. E. Society have decided to build a \$40,000 church on Dolphin and Rutting Sts.

Barre, Vt. — Reports state that Earle & Fisher, of Worcester, Mass., have been commissioned to prepare plans for a \$40,000 city building.

Boston, Mass. — Charles A. Morse, of the firm of Morse & Whyte, has bought 190 and 192 High St. It is his intention to erect a building covering both lots in the near future.

The Handel & Haydn Society are shortly to take steps looking to the erection of a building for the society, to contain a concert-hall, rehearsal-hall, social rooms, etc.

R. M. Bailey, of 150 Devonshire St., has plans for 20 four-story flats, each 25' x 90', to be erected on Gainboro St., at a cost of about \$500,000, for the Trustees of the Stephenson Estate.

Brookline, Mass. — The Congregational Society contemplate erecting a new church on Beacon St.

Buffalo, N. Y. — The congregation of the church of St. Teresa will build a fine church on Seneca St., near the City Line. Plans for the structure have been prepared by Architect Post. The church is to be of the thirteenth-century Gothic style, cruciform in outline, and will be constructed of Medina sandstone. The seating will consist of hardwood pews with a capacity of 600. It is expected that the building will cost about \$30,000.

Butte, Mont. — The Turn Verein, Krieger Verein & Sons, of Herman, contemplate erecting a lodge-building. It will be three stories high, of brick and stone construction, and will cost about \$50,000.

Camden, N. J. — The Camden Board of Public Instruction contemplating the erection of a new high school in that city to cost \$50,000, a committee of three has been appointed to confer with a committee to be appointed by councils for the same purpose.

Canton, Ill. — Wm. Wolf, architect, Galesburg, has been awarded the commission to design a \$25,000 opera-house, to be built in this city. It will be steam-heated, and have all modern improvements.

Charleroi, Pa. — Charleroi Brewing Co. are to build a \$60,000 brewery from plans by Oscar Beyer, 313 Garden City Block, Chicago, Ill.

Charlotte, N. C. — Willis Wilkerson will erect a business block to cost \$10,000.

Chicago, Ill. — P. W. Anderson, 520 Chamber of Commerce Building, is designing a \$25,000 three-story apartment-house, 42' x 125', to be erected on Gardfield Boulevard, near Center Ave.

The County Democracy Club contemplate building a club-house to cost about \$100,000. Miles J. Devine, Chairman.

Frost & Granger, 806 The Temple, will design the club-house for the newly-formed Midlothian Country Club, the building to be located on the golf grounds near Blue Island.

Circleville, O. — The United Brethren, of this place, will build a new church after plans by Stribling & Fox, of Columbus. It will be a stone structure and will cost \$25,000.

Dalton, Mass. — J. McArthur Vance, of Pittsfield, is preparing plans for an \$8,000 stable, to be one-and-a-half-story stone and timber construction, 50' x 83', with four single and four box stalls and all modern conveniences.

Decatur, Ga. — Reports state that Geo. E. Murphy, of Atlanta, was the lowest bidder for the erection of the new De Kalb County Court-house, his bid being \$42,248.

Decatur, Ill. — It is probable that the Wabash & Illinois Central Railroad will commence work on the proposed new station here about May 1. It is to cost \$60,000.

Denver, Col. — Architect J. J. Humphreys, 611-612 McPhee Building, has contract to prepare plans for the new Temple Emmanuel, to be erected on 16th Ave. and Pearl St. Size, 70' x 163'; white stone to be used and probable cost will be \$38,000.

Detroit, Mich. — Ex-Senator Palmer will build a six-story office-building corner of Fort and Shelby Sts., from designs by Mason & Rice.

Malcomson & Higginbotham have been appointed architects to the School Board for the year 1898. Four of five 12-room schools will be constructed during the coming year.

Pre-s reports state that the State Savings Bank has purchased 100' x 138' on Fort and Shelby Sts. and will erect a new banking building. Cost of site was \$175,005. The business of the bank necessitates larger quarters. No plans yet selected.

Dodge Center, Minn. — Architects Orff & Guilbert, Minneapolis, are preparing plans for a school-house. M. R. Dresbach, Clerk Board of Education.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Elmira, N. Y. — Plans are being prepared for a large church to be erected by the First German Evangelical Society. It is to be of brick, with stone trimmings, slate roof, furnaces and all modern conveniences.

Evanston, Ill. — The Northwestern University will erect a new academy here, to cost about \$65,000, D. H. Burnham & Co., 1142 Rookery Building, Chicago, architects.

Georgetown, Tex. — It is stated that a new college building will shortly be erected for the Southwestern University; estimated cost, \$50,000. Dr. F. B. Sinex, Fin. Agent.

Harper, Ia. — The St. Elizabeth Catholic Society has accepted plans for a \$10,000 church to be erected this spring. Rev. J. A. Rangger, pastor.

Hays City, Kan. — The contract for erecting the new Court-house here has been awarded to Zeligier & Dalton, of Junction City, at \$13,600.

Hutchinson, Minn. — Plans will be considered shortly for a \$15,000 school-house to replace the building which was burned.

Iowa City, Ia. — Plans for the new college building were all rejected and others called for. The following architects will be allowed to compete: O. O. Smith, G. E. Hallett, Brainerd & Holman, Bell & Kent, Proudfoot & Bird, C. C. Nourse, Marble, Lowell. Plans to be in by March 1.

Jackson, Ga. — The contract for erecting the new Court-house is stated to have been awarded to J. H. McKenzie, of Augusta; estimated cost, \$25,000.

Kalamazoo, Mich. — A press report states that plans have been prepared by Arthur R. Niemi, architect, 11 Bradley Pl., Chicago, for a new hotel to be erected by Col. F. S. Andrews, of Findlay, O.; estimated cost, \$100,000.

Keokuk, Ia. — A new building, to cost about \$30,000, will be erected by the Y. M. C. A.

(Continued on page xiv.)

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Knoxville, Tenn.—Plans will be prepared by
Adams & Reardon, architects, Adams Block, Chat-
tanooga, for the new building to be built by the
Eastern Hospital for the Insane at Lyon's View.
It will be built of brick, trimmed with marble, and
of mill construction, and will cost about \$25,000.

Lancaster, Pa.—The Franklin and Marshall Col-
lege at this place contemplates the erection of a
new building, to cost \$50,000.

Lexington, Ky.—The Fayette Court has decided to
replace the Court-house, which was destroyed by
fire, with a new building to cost about \$150,000.

Little Rock, Ark.—Press reports state that the
Catholic Church at Fort Smith, which was badly
wrecked by the recent tornado, will be replaced
by a building to cost \$100,000, Rev. L. Smyth, pastor.

Maryville, Tenn.—Maryville College will build a
science-hall, to cost \$10,000, Rev. W. H. Lyle,
president.

McHenry, Ill.—The Catholic congregation is re-
ported to have decided to build a \$20,000 church,
Rev. P. M. O'Neill, rector.

Middleton, O.—Plans prepared by Samuel Hanna-
ford & Sons, architects, of Cincinnati, have been

Iron-Work.

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White, N. Y.; Babb, Cook & Willard, N. Y.; Bruce Price, N. Y.; R. M. Hunt, N. Y.; Bailey,
Banks & Biddle, Phila.; Frank Hill Smith, Boston; A. H. Davenport, Boston.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

accepted for the erection of a new edifice for the
Holy Trinity Church, to cost about \$30,000.

Milwaukee, Wis.—The Bethlehem Lutheran So-
ciety has decided to enlarge its church. The addi-
tion will be 64' wide and cost \$7,000.

Wiskoeil & Schultz, architects, 604 Germania
Building, have completed plans for the addition to
be built to the St. Joseph Hospital, at 4th St. and
Kisler Ave. Contracts will be let about March
1st.

Mt. Vernon, N. Y.—It is rumored that New York
City capitalists are to build a large first-class hotel
on Chestnut Hill, near the N. Y., N. H. & H. R. R.

Nassau, N. P.—Henry M. Flagler, of New York
City, has purchased the Hotel Royal Victoria, for
\$50,000. The New Providence Assembly has passed
a bill admitting free of duty all articles to be used
in a new hotel which is to be erected on the site of
this historic structure. The new hotel, which will
be called the Colonial, will be of brick, and will cost
not less than \$400,000. James A. MacDonald and
John W. Ingle, of New York City, are now in Nassau
drawing the plans for it.

New Britain, Conn.—The plans of Davis & Brooks
for a new Public Library have been selected by the
Committee. It is to be erected on W. Main and
High Sts., two-and-one-half stories, 54' x 100', of
brick and terra-cotta fireproof construction. Work
is expected to commence about April 1.

Newport, R. I.—Real-estate men here deny the
report that Potter Palmer, of Chicago, is to build a
residence this year.

Architect J. D. Johnston, of this city, is prepar-
ing plans for a handsome villa for George Griswold
Haven, of New York, to be erected on his recently
purchased land, the Callender estate, on Narragan-
sett Ave. The villa will be started in the early
spring, and by July Mr. Haven will be in his new
home.

Plans have been prepared by the same architect
for a villa on the same line as the Euthven Pratt
cottage, on Bellevue Ave., for Mr. and Mrs. Potter
Palmer, of Chicago, but what location is to be
selected for the new cottage is not known here.

New Richmond, Wis.—Plans have been prepared
by Chas. Fitzgerald, architect, 19 Mack Block, Mil-
waukee, for the poorhouse, to be erected on the
asylum farm. It will be three stories high, 60' x
64', built of brick and stone, and will cost about
\$16,000.

New York, N. Y.—Plans for the projected fourteen
story office-building to be erected by the Astor
estate, at the southeast corner of Broadway and
Duane St., were filed this week by the architect,
George B. Post. The Vincent Building, as the
structure will be called, will have elevations of
limestone, with bluestone copings, and will cost
about \$350,000. The Tidewater Building Company,
recently incorporated to carry on improvements for
the Astors, will have charge of the construction.

The plans of the new building to be erected in the
rear of the General Theological Seminary are not
yet completed, but it is expected that the Trustees
will pass upon them and the contract be let within
a few weeks. The building, which will be known
as Hoffman Hall, will be situated on the southeast
corner of 10th Ave. and 21st St., the northwest
corner of the grounds. It will cost about \$100,000, and
is a tribute to the present dean, the Rev. Eugene
A. Hoffman. The money is being raised by popular
subscription, headed by the Alumni Association,
which has the project in charge. About one-half
of the full amount has been subscribed, but the
building will not be started until the \$100,000 has
been pledged. The plans contemplate a gymnasium,
dining-hall, servants' quarters, lavatories, etc.

Richard H. Hunt has submitted drawings and
specifications for the new east wing of the Metro-
politan Museum of Art, which will cost \$300,000.
The new addition will have a frontage of 311' 8"
facing 5th Ave., abutting within a few feet of the
fence line of Central Park, opposite 82d St. The
new wing will be three stories in height, and built
of brick, with a peaked roof, the facade being in
Bedford limestone.

Norwalk, Conn.—It is reported that the plans of
A. H. Beers, of Bridgeport, for a new Town-hall to
cost \$50,000 have been accepted.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Norwalk, O.—The Young Men's Library and Read-
ing-room Association contemplate building a Me-
morial Hall and have advertised for proposals for
a building site.

Pateron, N. J.—A new \$300,000 high-school build-
ing is contemplated.

Portland, Ill.—Architect W. S. Kaufman, Kelly-
Hutchinson Block, has prepared plans for a \$10,000
business block for Cartwright & Headleigh. Con-
tracts not let.

Rocky Mount, N. C.—The Masonic Order will
erect a three-story building for lodge-rooms, stores
and theatre. For information address J. O. W.
Gravelly, Chairman Building Committee.

San Diego, Cal.—Plans prepared by Architects
Hobbs & Gill are stated to have been accepted
for the proposed Normal School building to be
erected here, to cost about \$100,000. W. R. Guy,
Pres. Bd. Trustees State Normal School.

Sonoma, Tuolumne Co., Cal.—The plans of Wm.
Mooser & Co., 14 Grant Ave., San Francisco, have
been accepted for the new Court-house to be erected
in this town.

Streator, Ill.—Press reports state that the M. E.
Society has accepted the plans prepared by Wm.
R. Brown, of Cincinnati, O., for the \$30,000 church
to be erected in the spring.

Suffolk, Va.—Farmers' Bank of Nansemond, con-
templates erecting an office-building during the
year, W. H. Jones, Jr., cashier.

Utica, N. Y.—A site has been purchased by the
Masonic Society, on which they will erect a new
building, Noble F. Martin, Chairman Building
Committee.

John C. Burne, 101 W. 42d St., New York City, is
completing the plans for the large apartment-hotel
to be erected on Genesee St., by Northrup & Lath-
cher. To be seven stories high, 100' x 300', semi-
fireproof, built of brick and stone, with steel
ceilings, complete steam and electric plants, and
all the latest conveniences; to cost about \$400,000.

Viola, Ill.—Press reports state that the Ashenbust
Bros. will erect a brick business building, to be
occupied by them as a general store.

Washington, D. C.—The Washington Market Co.
will make extensive improvements to the market
building on district reservation between 7th and
9th Sts. and Pennsylvania Ave. and B St., N. W.
The company will build a large addition in the
court-yard. It will be of brick and iron construction
with slate and tin roof. It will cost \$22,000.

West Bend, Wis.—The plans prepared by Ferry &
Clas, architects, 419 Broadway, Milwaukee, and
John Charles, of Menominee, for the County In-
sane Asylum, have been accepted. The new build-
ing will cost about \$35,000.

Winchester, Mass.—Edw. Ginn, 13 Tremont Pl.,
Boston, will build a stable on Bacon St., to have
accommodations for 8 horses.

HOUSES.

Fall River, Mass.—June St., 2½-st'y fr. dwell., 42'
x 45', pitch roof, steam; \$6,000; o., Chas. H. Smith;
a., Chas. H. Farnham; not let.

High and Prospect Sts., 2½-st'y fr. dwell., 35'
x 45', shingle roof, comb. heat, \$6,000; o., Henry W.
Davis; a., Jos. M. Darling.

Pleasant St., three-st'y fr. dwell., 28' x 50', shingle
roof, hot water; \$5,000; o., Michael Sullivan; b.,
Bernard McMurray.

Stafford Row, three-st'y fr. dwell., 26' x 40', comp.
roof; \$6,500; o., P. Corrigan; b., McDougal & Grin-
nell.

Bradford Ave., 2½-st'y fr. dwell., 28' x 48', furnace;
\$5,000; o., Catherine Hart; b., Chas. T. Cahoon.

Lowell, Mass.—Fort Hill Park, two-st'y fr. dwell.,
40' x 60', slate roof, furnace; \$5,000; o., P. F. Sul-
livan; a., Merrill & Clark.

Malden, Mass.—Grace St., two-st'y fr. dwell., 31' x
46', pitch roof, furnace; \$5,500; o., Ezra F. Pratt,
16 Park Ave.; b., W. H. Stevens.

Essex St., No. 72, 2½-st'y fr. dwell., 22' x 44',
shingle roof, furnace; \$4,500; o. & b., C. W. New-
comb, 7 Irving St.; a., Ford & Mercer, 361 Main St.

Summer St., two-st'y fr. dwell., 29' x 45', shingle

(Continued on page xvii.)

PUBLISHED FEBRUARY 1.

MONOGRAPHS OF
AMERICAN ARCHITECTURE,

NO. VI.

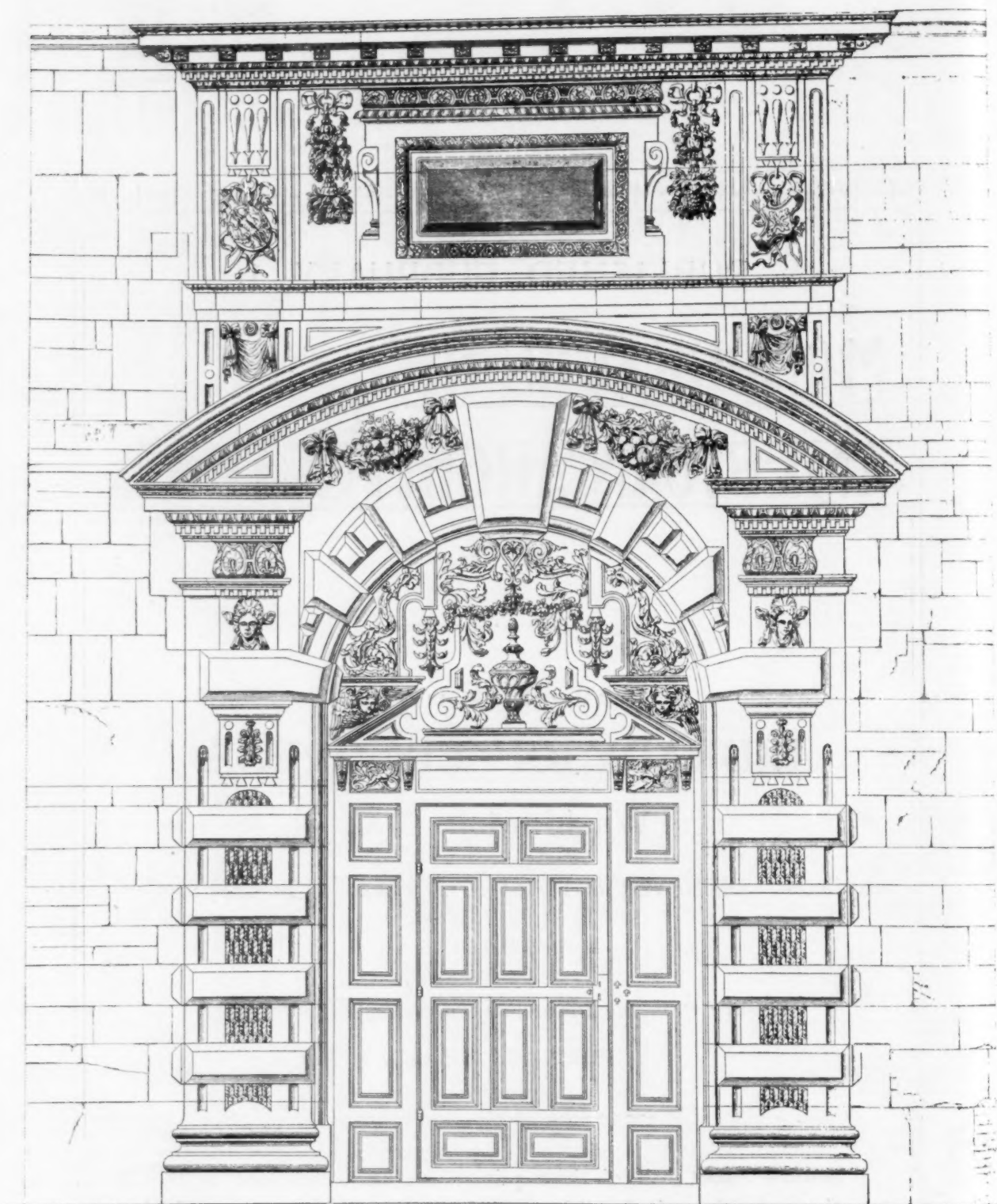
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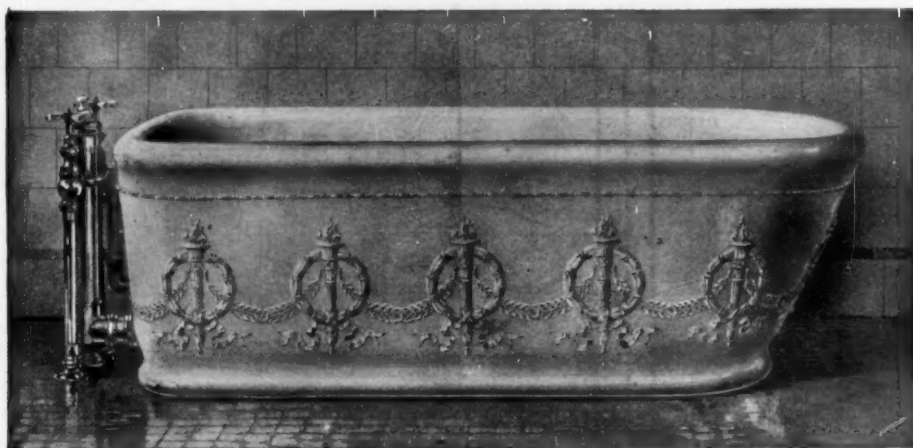
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(Houses Continued.)

roof, furnace; \$6,000; o. & b., J. McLellan, 38 Almont St.; a., G. D. Reid.

Almont St., 2½-st'y fr. dwell., 25' x 38', pitch roof, furnace; \$4,500; o., H. Henderson; b., Stephen Gram.

Waverly St., two 2½-st'y fr. dwells, 32' x 39', shingle roofs, furnaces; \$12,000; o. & b., J. L. Howard, 71 Pleasant St.; a., Ford & Mercer.

Highland Ave., two-st'y fr. dwell., 39' x 39', shingle roof, furnace; \$5,000; o., A. L. Robinson, 190 Summer St.; b., L. B. Jordan.

Methuen, Mass.—2½-st'y fr. dwell., 30' x 42', with ell, 17' x 42', pitch roof, steam; \$10,000; o., Dr. J. D. McAllister, 33 Jackson St.; a., J. L. Ellis, Lawrence.

Two-st'y fr. double dwell., 46' x 54', shingle roof, stoves; \$5,000; o., R. S. Platt, 531 Lowell St., Lawrence; a., John Ashton, Lawrence.

New Bedford, Mass.—Anthony St., 2½-st'y fr. dwell., 40' x 50', shingle roof, comb. heat; \$8,000; o., Walton Ricketson; a., Nathl. C. Smith.

Arnold Pl., 2½-st'y fr. dwell., 50' x 50', pitch roof, comb. heat; \$12,000; o., Fred'k H. Damon; a., Nathl. C. Smith.

Newton, Mass.—Windemere Road, two-st'y fr. dwell., 28' x 31', shingle roof, furnace; \$6,000; o., Mrs. M. E. Beck; b., C. H. Mead, 39 Court St., Boston; a., Wm. F. Goodwin, Boston.

Crafts and Linwood Sts., two-st'y fr. dwell., 34' x 36', pitch roof, furnace; \$6,000; o., A. F. Lane, Crafts St.; b., Frank Joyal.

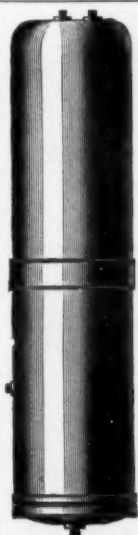
Morse St., two-st'y fr. dwell., 24' x 48', pitch roof, furnace; \$7,000; o., K. V. Jones, Crafts St.; b., W. J. Gray; a., J. C. Fowler, Boston.

Highland St., two-st'y fr. dwell., 51' x 54', shingle roof, furnace & steam; \$8,000; o., Mrs. M. F. Phelps; b., H. H. Hunt, Webster St.; a., Loring & Phipps, Boston.

Franklin St., two-st'y fr. dwell., 33' x 53', slate roof, furnace; \$12,000; o., L. B. Hall, 76 South St., Boston; b., J. E. Warren; a., James T. Kelley, Boston.

Portland, Me.—Deering St., 2½-st'y bk. dwell., 50' x 70', steam; \$15,000; o., F. E. Allen; a., John Calvin Stevens; not let.

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Cambridge, Mass.—Sidney St., three-st'y bk. stable, 76' x 190', flat roof; o., John Nixon, 233 Brookline St.

PROPOSALS.

MARKET-HOUSE.

[At Cincinnati, O.]

Bids are wanted March 2 for erecting a new market-house on Pearl St. AUG. HERRMANN, Pres. Bd. of Admin. 1156

SCHOOL-HOUSE.

[At Ottumwa, Ia.]

Bids are wanted February 21 for constructing the proposed high-school building. Separate bids will be

PROPOSALS.

received on the plumbing and heating. J. A. WAGNER, Secretary Board of Directors of the District. 1156

SCHOOL-HOUSE.

[At Columbus, O.]

Bids are wanted February 21 for the erection of the East High-school Building. C. E. MORRIS, Chairman Committee on Buildings, Board of Education. 1156

Treasury Department, Office Supervising Architect, Washington, D. C., February 5, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 2d day of March, 1898, and opened immediately thereafter, for all the labor and materials required for the decorative painting of the United States Court-house, Post-office, etc., building at De-

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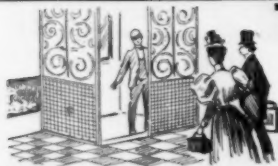
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PROPOSALS.

troit, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Detroit, Mich. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Decorative Painting of the United States Court-house, Post-office, etc., at Detroit, Mich.," and addressed to the Supervising Architect.

Treasury Department, Office Supervising Architect, Washington, D. C., February 2, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 24th day of February, 1898, and opened immediately thereafter, for furnishing all the labor and

PROPOSALS.

materials and erecting complete two hydraulic passenger-elevators, one hydraulic mail-lift and one hydraulic ash-lift, including pumps, tanks, piping, cars, platforms, etc., for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Two Hydraulic Passenger-elevators, one Hydraulic Mail-lift and one Hydraulic Ash-lift for the United States Court-house, Custom-house and Post-office building at Omaha, Neb.," and addressed to the Supervising Architect.

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Treasury Department, Office Supervising Architect, Washington, D. C., January 29, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 19th day of February, 1898, and opened immediately thereafter, for all the labor and materials required for the hydraulic passenger-elevator at the United States Post-office, Pueblo, Col., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pueblo, Col. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Hydraulic Passenger-elevator at the United States Post-office at Pueblo, Col.," and addressed to the Supervising Architect.

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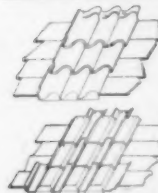
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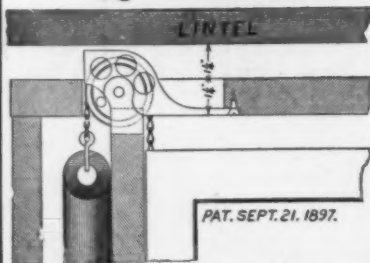
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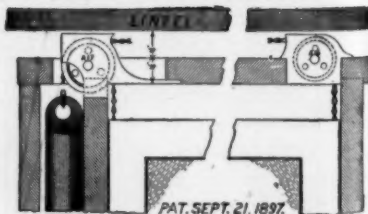
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Tennessee, red.....				
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Pennsylvania, blue.....				
Vermont, white.....				
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00			
" unfading.....	5 00 @ 6 00			
Purple.....	5 00 @ 6 00			
Red.....	5 00 @ 10 00			
Black, Lehigh.....	4 25 @ 4 75			
" Chapmans.....	4 35 @ 5 00			
Genuine Bangor.....	6 00 @ 8 50			
Unfading black.....	5 50 @ 8 00			
Tiles, Am... P M.....				
N. Peach Bottom, war, unfading				
Fire Clay Roof Tile on cars at fac.	8 00 @			
LUMBER.—P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00			
" 2d quality.....	55 00 @ 60 00			
" 3d quality.....	18 00 @ 22 00			
Spruce.....	20 @ 25 00			
Hemlock.....	ea13 @ 14			
Yellow pine.....	20 @ 40			
Cypress.....				
Clapboards:				
Pine.....	38 00 @ 50 00			
Spruce.....	24 00 @ 35 00			
Framing Timber:				
Pine.....	14 00 @ 18 00			
Spruce.....	12 00 @ 16 00			
Hemlock.....	18 00 @ 21 00			
Yellow pine.....	1 75 @			
Laths: Spruce Slab.....	2 25 @ 2 50			
Spruce.....	1 80 @ 2 25			
Shingles:				
Pine, shaved..... P M.....	5 00 @ 6 00			
Pine, sawed.....	4 00 @ 5 00			
Spruce, sawed.....	1 50 @ 2 00			
Redwood..... P M.....	1 40 @ 1 60			
Cedar split..... P M.....				
Cedar sawed.....				
Cypress, Split..... 7 x 24 ..	18 00 @ 30 00			

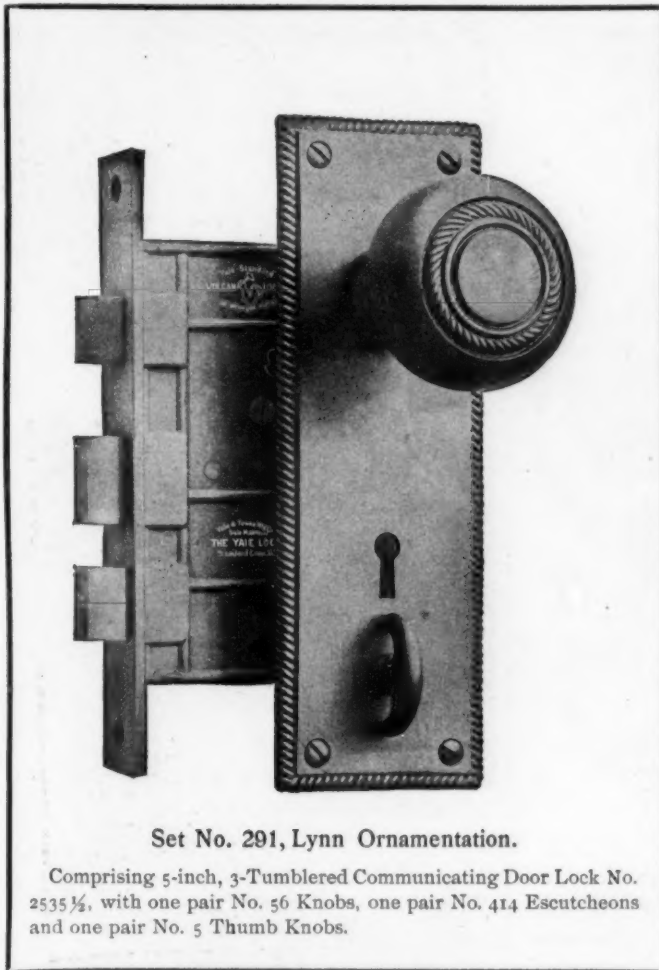
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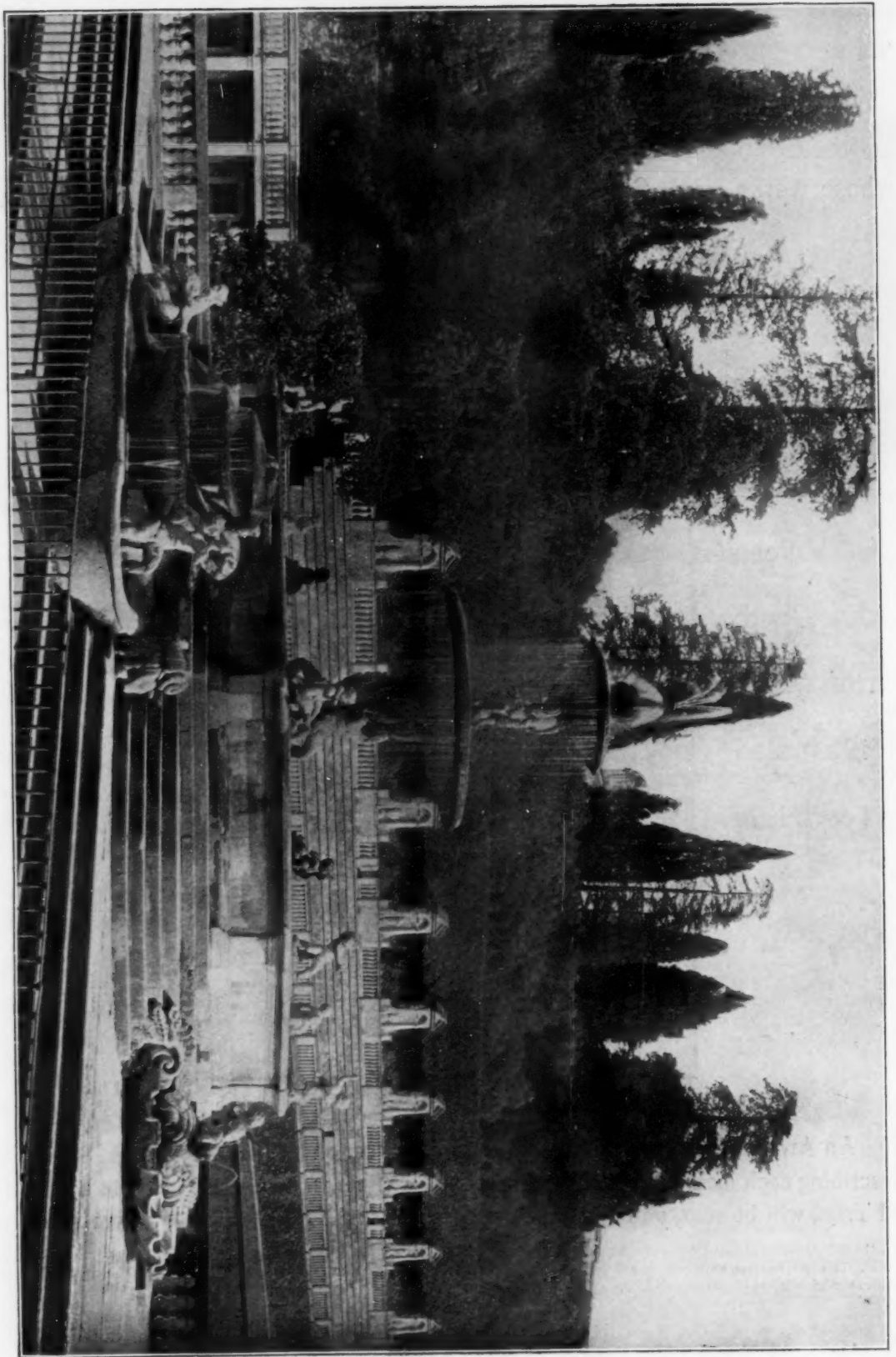
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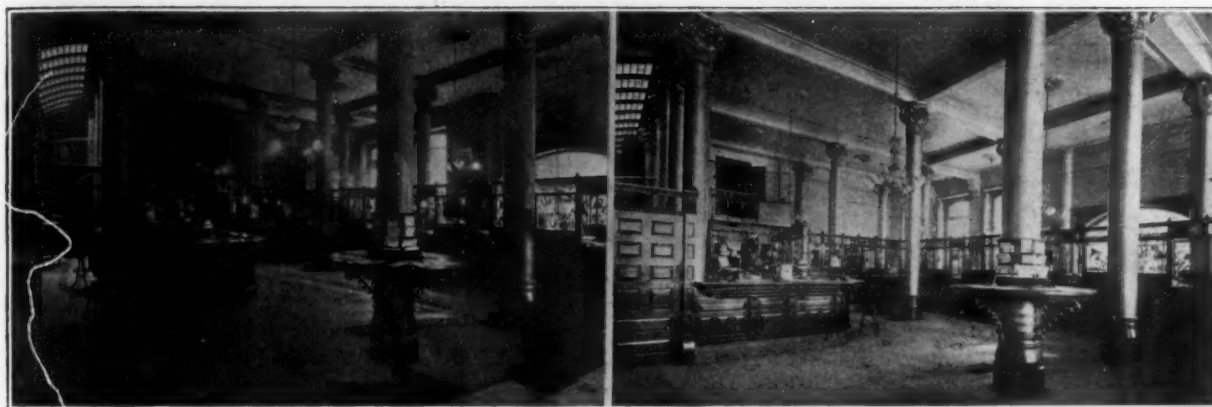
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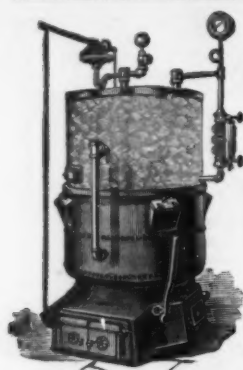
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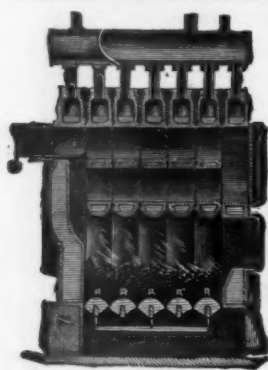
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SECTION 1. No Member should enter into partnership, in any form or degree, with any builder, contractor, or manufacturer.

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

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

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

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

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

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

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

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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.

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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.

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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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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C'est près du pont Saint-Michel que se trouve le port d'AMIENS, et ce port a reçu plusieurs princes qui sont venus s'y embarquer pour se rendre à Abbeville. François I^{er} et la reine de France Claude, en 1522, accompagnés de leur cour, y montèrent en bateau, et se rendirent ainsi dans la capitale du Ponthieu, après avoir remercié les mayeur et échevins d'AMIENS du soin qu'ils avoient pris de pavoiser richement leur barque. En 1601, Henri IV fit le même voyage dans une *gribanne*, bateau fort modeste des marinières de la Somme. Le curé de Saint-Jacques d'Abbeville rapporte ainsi ce fait : « Le 19 septembre 1601, le roi partit « de cette ville pour aller à Calais. Il étoit venu un soir « auparavant en *gribanne* d'AMIENS. Henri, IV^e du nom, « étoit bon; il est venu dans ma paroisse; il est entré et « m'a parlé le premier (1). »

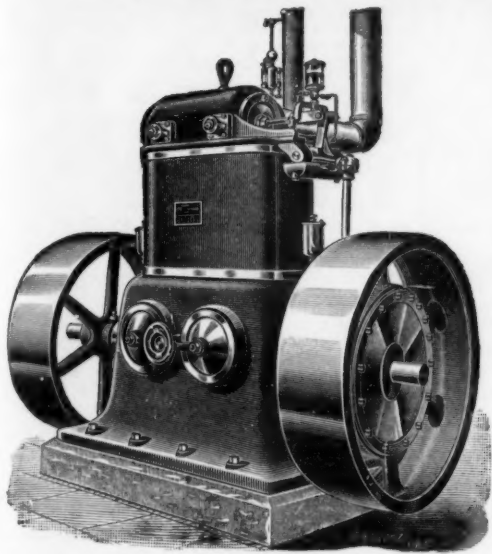
Il nous reste dans cette ville une dernière promenade à visiter; ce sont les *allées de Rivery*, un des enchantemens d'AMIENS. Célèbres autrefois par la chasse aux cygnes, elles font encore aujourd'hui les délices des promeneurs. Ce ne sont cependant pas des *allées de jardin*, comme on le croiroit à leur nom, mais de charmans canaux de l'irrégularité la

(1) Rivoire, Annuaire du département de la Somme.

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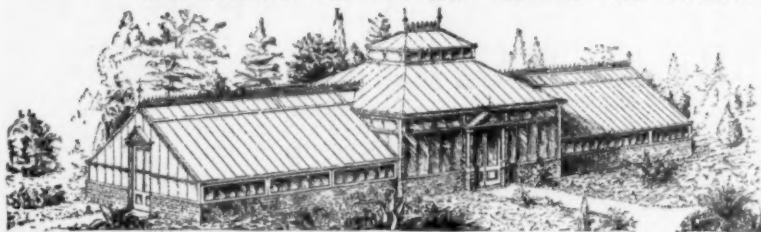
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(Advance Rumors Continued.)

for the new six-story brick, stone and iron hotel, 45' x 110', to be erected by a syndicate at a cost of about \$150,000. The architects expect to have the revised plans ready for new bids in about two weeks.

Allegheny, Pa.—Architects Bartherger & East, Westinghouse Building, Pittsburgh, have prepared plans for a two-story brick addition to the 13th Ward School. A new heat and ventilating system will be installed; \$25,000.

Ashbourne, Pa.—The contract for erecting country residence for P. A. B. Weidener, of Philadelphia, at this place, plans for which were drawn by Architect Chas. Trumbauer, 308 Chestnut St., Philadelphia, has been awarded to George F. Payne & Co., 401 S. Juniper St., Philadelphia; cost, about \$200,000.

Boston, Mass.—Daniel L. White, of the White-Smith Music Publishing Company, has purchased a lot of land on the corner of Ferdinand and Isabella Sts., upon which he will erect a brick building for the accommodation of the firm's business now located at 62 Stanhope St.

Brookline, Mass.—F. S. Mead, 7 Exchange Pl., Boston, has purchased a large tract of land, amounting to 62,000 square feet, on Hyslop Road, Leicester St. and Fisher Ave., Fisher Hill. Mr. Mead will build a costly residence for his own occupancy.

Buffalo, N. Y.—Green & Wicks have prepared plans for a two-story fireproof block for four retail stores. Brick, terra-cotta and iron will be used. To be erected on Main St. near Chippewa St., and cost \$50,000; owner, The Glenn Estate.

The New York Central will build a large new passenger-station at La Salle for the Pan-American Exposition.

Cambridge, Mass.—George A. Moore, 70 Kilby St., Boston, is preparing plans for a \$40,000 12-room brick school-house.

Camden, N. J.—Plans prepared by Thos. Stephens, architect, have been accepted for four-story addition to the Y. M. C. A. Building on Federal St. and Broadway.

Chicago, Ill.—Chas. F. Sorenson, 648 N. Claremont Ave., is designing a \$35,000 stone apartment-building, 50' x 125', to be erected at the corner of Dayton St. and Garfield Ave., for Andrew M. Anderson.

The City Council has authorized the School Board to erect a 24 room school, to be situated on Southwest Boulevard, W. 24th St. and Sacramento Ave., at a cost of \$80,000. Also for the erection of a 6-room addition to the McPherson School, N. Lincoln St., near Lawrence Ave., to cost \$25,000.

John H. Wagner, 62, 107 Dearborn St., is planning a six-story manufacturing building, 100' x 100', to be built in Grand Rapids, Mich., for the Rindge, Kalmbach Co. It will have pressed brick exterior, two stories fireproofed, and will cost about \$75,000.

Local papers state that St. Luke's Hospital will build a home and training-school for nurses for the institution in Indiana Ave. and 14th St., to cost about \$50,000.

President Harper, of the University of Chicago, announced that the trustees have decided to build a men's dormitory with the income from Mrs. Mary G. Reynolds' gift of \$225,000, made several years ago.

Hartford, Conn.—Isaac A. Allen, Jr., is preparing plans for a four-story brick block, 40' x 80'; stores will occupy the ground-floor with apartments above. It is to be erected on Church St.

Hapgood & Hapgood have prepared plans for the new office-building for the Phoenix Fire Insurance Co., on Pearl St. It is to be of brick and stone fireproof construction, four stories high.

J. J. McCarthy is preparing plans for a four-story brick store and tenement on Front St., to be 56' x 92'; Moritz Wieder, owner.

Hoboken, N. J.—Preliminary sketches have been prepared for a one-story brick extension to the rear of the City-hall, to cost \$30,000; Fall & Maxson, architects.

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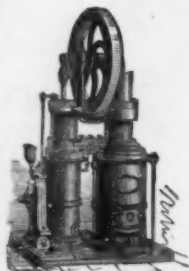
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Holyoke, Mass.—Gardner, Pyne & Gardner, Springfield, are preparing plans for a City library building, to cost about \$75,000, for Hon. Wm. Whiting, who will donate it to this city.

Hutchinson, Minn.—Edw. S. Stebbins, Minneapolis, is preparing plans for a two-story and basement high school building, 85' x 115', of brick construction, with iron cornices, hot-air heat, and cost complete \$20,000.

Ithaca, Mich.—The Presbyterian Society will build a new church at a cost of \$18,000, according to reports.

Lima, O.—Competitive plans for a \$20,000 church are being prepared for the St. Paul's Evangelical Lutheran Society.

Louisville, Ky.—The Indianapolis Brewing Co., of Indianapolis, Ind., will erect a \$25,000 office-building, cold-storage and bottling establishment here. A 50-ton ice-machine will be placed in the building.

McHenry, Ill.—The Catholic Society, Rev. P. M. O'Neill, has decided to build a \$20,000 church.

Milwaukee, Wis.—The St. Nicholas Sanitarium Co. has purchased the big ravine at South Milwaukee harbor and will erect various buildings. There will be a Turkish building, 46' x 260', and a wing, 46' x 212', and a sanitarium building, three stories high. The company will expend \$200,000 in buildings and improvements.

Minneapolis, Minn.—The H. N. Leighton Co., 213 S. 6th St., secured the general contract for erecting the Milwaukee Depot, except heating and plumbing, which will be let later. It is understood granite will be used for the first story. Trainor Bros. have the foundation completed. The Leighton Co. will begin on the superstructure March 1. Charles S. Frost, architect; cost, \$160,000.

Newmarket, Ind.—Architect C. T. Griffith, Crawfordsville, has prepared plans for a \$10,000 school-house for Sam D. Symes, trustee, to be built at this place.

New York, N. Y.—Messrs. Brite & Bacon have prepared plans for a five-story dwelling to cost \$100,000 to be erected on the corner of 5th Ave. and 64th St., for Emma Hauecht Crocker, Astoria Hotel.

Philadelphia, Pa.—The following gentlemen are among those who will furnish the capital to erect the new apartment-house at the southeast corner of 15th and Walnut Sts.: Thos. B. Wanamaker, G. W. Elkins and Barclay Warburton. The structure will be nine stories high, with a frontage on Walnut St. of 28 feet and on 15th St. of 130 feet. It will be constructed in the old Dutch style of architecture, and will be fitted up in handsome style. Plans are being prepared.

Contractors J. E. & A. L. Pennoek have been given a permit to build the seven-story school-house for the Delancy School, at the southeast corner of Carlisle and Pine Sts. It will measure 56.1 feet by 132.33 feet, and will be constructed with a granite base and of brick with terra-cotta trimmings. It will be fireproof throughout and will cost \$100,000. Architect Geo. C. Mason prepared the plans for Henry Hobart Brown, the owner.

The Philadelphia Warehousing & Cold Storage Co., at Delaware Ave. and Noble St., will erect a large addition to its building. It will be eight stories high, 62' x 150', and will cost in the neighborhood of \$100,000. It will adjoin the company's present building.

Owner and builder Edwin S. Radley will begin at once to put up 10 handsome dwellings, including a store, on the south side of Tioga St., west of 15th St., in the 34th Ward. They will be three stories high, each 17' x 60', and are estimated to cost \$45,000.

Architect Thomas Lonsdale is receiving bids on a large store and residence to be erected at the corner of Mt. Pleasant and Germantown Aves., in Mount Airy. The building will be of face brick, with stone trimmings, three stories high, 20 by 100 feet, and will cost about \$10,000.

A company composed of Clinton Rorer, John Roehm, Jr., and John Roehm, Sr. have purchased 25 acres of land in Springfield Township, along the line of the Chestnut Hill trolley line, where they propose to establish a park, to be known as the Chestnut Hill Casino. The company has a capital of \$60,000. Work is expected to begin shortly.

Pontiac, Ill.—The electors voted to erect a \$10,000 school-building on the east side.

Richmond, Ind.—It is reported that the Richmond Loan & Savings Association will erect a new office and apartment building, president, T. R. Woodhurst.

River Falls, Wis.—The State Board of Normal Regents adopted plans of Wm. Waters, of Oshkosh, for the new Normal School Building, recently burned. Cost will be \$50,000. The Board has \$45,000 of insurance money in the treasury. Building

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

will be three stories, and have all modern equipment.

San Francisco, Cal.—Local papers state that the Hospital and Finance Committees, at a meeting January 23, reported favorably on the resolution providing for the erection of a new city and county hospital, at an estimated cost of \$400,000, the Board of Health to select the site.

Toledo, O.—Architect L. G. Welker, Spitzer Building, has prepared plans for an addition to the brewery of the Findlay Brewing Co. To be 100' x 135', and four stories, built of brick with stone foundation, one freight-elevator; to cost \$25,000.

Ware, Mass.—It is rumored that B. F. Keith, of Boston, intends building a fine opera-house here.

Worcester, Mass.—Architects Chickering & O'Connell are preparing plans for a brick factory to be erected for the Worcester Stained-glass Works, David Welch, prop.

Architects Geo. & J. P. Kingston are preparing plans for a double cottage to be erected on Germantown St. for Mrs. C. A. Smith, of May St.

Architects Barker & Nourse are preparing plans for a fine private residence to cost \$15,000, for Judge Forbes.

Architects Earle & Fisher are preparing plans for a private residence for F. A. Amidon; cost, \$8,000.

Architects Barker & Nourse are preparing plans for a private residence for Geo. A. Bigelow.

The trustees of St. Vincent's Hospital, Vernon and Winthrop Sts., are talking of erecting a new hospital at a cost of \$60,000. At the annual meeting of the institution the matter was referred to the trustees. Rev. Thomas D. Beaven, D. D., is president, and Rev. J. J. Power, pastor of St. Paul's Church, is another of the trustees.

HOUSES.

Austin, Ill.—Walter Ave. and Adams St., 2½-st'y fr. dwell., 37' x 60', shingle roof, hot water; \$7,000; O.

(Continued on page xiv.)

JUST PUBLISHED.

PART I

— OF —

"The Georgian Period"

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Subscribers (paid up) to the American Architect can obtain Part I of this work for \$1.00.

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PART II

[IN PREPARATION].

The price for Part II, which will contain much more matter than Part I, will be \$6.00.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Mr. Collins; a, W. J. Van Keuren, 84 La Salle St., Chicago.
Beverly, Mass.—*Boyd Ave.*, 2½-st'y fr. dwell., 35' x 46', shingle roof, furnace; \$5,000; o, C. L. Burnham, Essex St.; a, George Swan, 83 Lathrop St.
Boston, Mass.—*Bigelow St.*, Ward 25, 2 two-st'y fr. dwells., 26' x 44', pitch roofs, furnaces; \$9,000; o & b, Charles B. Nobriga, 389 Warren St., Roxbury.
Barbara St., Ward 22, 2½-st'y fr. dwell., 35' x 66', pitch roof, hot water; \$6,800; o, Emily Page; b, J. A. Marchbank, 19 Forbes St., Jamaica Plain.
Codman St., Ward 24, 2½-st'y fr. dwell., 25' x 51', pitch roof, stoves; o, F. J. Lyons; b, F. R. Campbell, Magdala St.
Michigan Ave., Ward 20, 2½-st'y fr. dwell., 28' x 42', pitch roof, furnace; \$4,500; o & b, J. D. McKay, 2 Herbert St.
Glencay St., Ward 20, 2½-st'y fr. dwell., 30' x 46',

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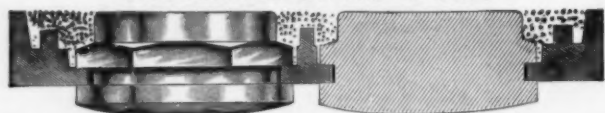
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(Houses Continued.)

pitch roof, furnace; \$4,500; o & b, Victor Wolmer, 9 Bradshaw St.
Thorndike St., 2 three-st'y bk. dwells., 20' x 45', comp. roofs; \$10,000; o, Joseph Cohen, 30 Lowell St.; a, Clarke & Tyler.
Arklow St., No. 43, Ward 22, three-st'y fr. dwell., 21' x 22' x 57', comp. roof, stoves; \$4,000; o & b, Margaret Mulvey, on premises.
Tower Hill, 2½-st'y fr. dwell., 25' x 50', pitch roof, furnace; \$4,300; o, Catherine Cassidy; b, Martin Flynn, Woolsey Block, Jamaica Plain.
Nightingale St., nr. Talbot Ave., Ward 20, two-st'y fr. dwell., 28' x 34', pitch roof, steam; \$4,000; o & b, E. D. Bower, 4 Clinton St., Dorchester.
Millett St., nr. Harvard St., Ward 20, 2 two-st'y fr. dwells., 27' x 33', pitch roofs, furnaces; \$8,500; o & b, H. M. Crockett, Hazel Park, Everett.
Granville St., nr. Beech St., Ward 23, two-st'y fr. dwell., 22' 6" x 45', pitch roof, stoves; \$3,500; o & a, George Zunner, 1117 Columbus Ave.; b, F. Dolle.
Carlisle St., nr. Welles Ave., Ward 24, two-st'y fr. dwell., 27' x 46', pitch roof, furnace; \$5,000; o, W. G. Gibson, 2185 Washington St.
Barrington St., cor. Holmes St., Ward 20, two-st'y fr. dwell., 27' x 46', pitch roof, furnace; \$5,000; o, John H. Mahoney; b, Geo. Eddy, 212 Barrington St.
Speedwell St., nr. Norton St., Ward 20, two-st'y fr. dwell., 26' x 47', pitch roof, furnace; \$4,500; o, Wm. Douse; b, George Eddy.
Ceylon St., nr. Quincy St., Ward 16, 2 three-st'y fr. dwells., 27' x 37', flat roofs, stoves; \$9,000; o, Louis Carigliano & Son, 149 Leverett St.
Ashford St., nr. Pratt St., Ward 25, 2 four-st'y fr. dwells., 25' x 81', flat roofs, steam; \$15,000; o & b, Mitchell & Sutherland, 166 Devonshire St.
Hillside St., nr. Cherokee St., Ward 19, two-st'y fr. dwell., 24' x 25' x 50', pitch roof, furnace; \$4,500; o & a, Robert A. Watson, 1140 Columbus Ave.
Salem St., No. 130, Ward 6, four-st'y bk. dwell., 30' x 31' x 33', flat roof, stoves; \$7,000; o, Sender Dangle, 130 Salem St.
Blue Hill Ave., Nos. 377-91, Ward 20, 8 four-st'y bk. dwells., 23' x 61', flat roofs, stoves; *Brunswick St.*, No. 69, four-st'y bk. dwell., 24' x 23' x 69', flat roof, stoves; *Deron St.*, No. 4, four-st'y bk. dwell., 23' x 24' x 69', flat roof, stoves; total cost, \$90,000; o, Ralph M. Sharof; a, J. St. Clair Harold, 1 Beacon St.
Brookline, Mass.—*Bowker and Kent Sts.*, two-st'y fr. dwell., 30' x 44', shingle roof, furnace; \$6,000; o, J. C. Bartholmes, 93 Harvard St.; b, W. H. Bowker, 224 Aspinwall Ave.
Chicago, Ill.—*Washington Ave.*, No. 5181, two-st'y & base, bk. dwell., 25' x 54', slate roof, hot water; \$5,000; o, Chas. E. Snyder; a, Fred Ahlschlager, 70 La Salle St.
Cleveland, O.—*Euclid Heights*, 2½-st'y bk. & st. dwell.; \$12,000; o, F. P. Comey; a, Charles W. Hopkinson.
Euclid Heights, 2½-st'y fr. dwell., 35' x 46', slate roof, hot water; \$7,500; o, Harry Colby; a, W. W. Sabin, 703 N. Eng. Bldg.
Euclid Heights, 2½-st'y fr. dwell.; \$12,000; o, S. A. Sague; a, Fennimore C. Bate, 402 New Eng. Bldg.
Detroit, Mich.—*Parsons & Co.*, 6 bk. dwells., 119 Theodore St.; \$25,000.

BUILDING INTELLIGENCE.

(Houses Continued.)

Manchester, Mass.—2½-st'y fr. dwell., 46' x 60', shingle roof, hot air; \$18,000; o, Miss Mary E. Bartlett; b, Roberts & Hoare; a, Peabody & Stearns.
Manchester, N. H.—*Elm St.*, three-st'y bk. dwell., 21' x 73', flat roof, comb. heat; \$20,000; o, J. J. Abbott; a, Chickering & O'Connell.
Marblehead, Mass.—*Clifton St.*, 2½-st'y fr. dwell., 32' x 50', shingle roof, hot water; \$4,500; o, Jas. T. Phelps, 159 Devonshire St., Boston; a, S. Edwin Tobey, 60 State St., Boston.
Methuen, Mass.—2½-st'y fr. dwell., 43' x 56', shingle roof, stoves; \$5,000; o, R. S. Platt, Lowell St., Lawrence; a, John Ashton, Lawrence.
Milford, Mass.—*Winter St.*, three-st'y fr. dwell., 32' x 45', comp. roof; \$5,000; o, John Hodge; a, Albertus Hussey.
Portsmouth, N. H.—*Lafayette St.*, 2½-st'y fr. dwell., 31' x 41', shingle roof, steam; \$4,000.
2½-st'y fr. dwell., 41' x 56', slate roof, steam; \$12,000; a, Wm. A. Ashe, in charge; not let.
Providence, R. I.—*Grosvener Ave.*, 2½-st'y fr. dwell., 39' x 50', comp. roof; \$5,000; o, Mrs. F. M. Davidson, 32 Sprague St.; b, D. J. Davidson.
Rowan St., 2½-st'y fr. dwell., 32' x 48', shingle roof, furnace; \$4,500; o, Daniel F. Grandy, 1141 Chalkstone Ave.; b, Walsh & Morrison.
St. Louis, Mo.—*Lindell St.*, s. s. bet. Vandeventer & Sarah Sts., two-st'y bk. dwell.; \$10,000; o, Emma Eysell.
W. Pine Boulevard, n. s. bet. Boyle & Newstead Aves., 2½-st'y bk. dwell.; \$5,000; o, Jos. Fuchs.
W. Pine Boulevard, s. s. bet. Boyle & Newstead Aves., 2½-st'y bk. dwell.; \$7,000; o, F. A. Banister.
Worcester, Mass.—*Norman St.*, three-st'y fr. dwell.; \$5,000; o & c, N. F. Tucker.
Park Ave., three-st'y fr. dwell., 27' x 58'; \$5,000; o & c, J. Miles & Son.
Albert St., three-st'y fr. dwell., 27' x 58'; \$5,000; o, Mary M. R. Paquette; c, E. Beisale.
OFFICE-BUILDINGS.
Beverly, Mass.—*Cabot St.*, four-st'y bk. store & office-building, 30' x 114', flat roof, steam; \$30,000; o, A. W. Rogers, Hale St.; a, W. B. Smith.
Des Moines, Ia.—*Sixth and Walnut Sts.*, seven-st'y bk., st. & terra-cotta store & office building, 66' x 132', flat roof, steam-heat; \$85,000; o, Norman Lichty; a, George E. Hallett.
STABLES.
Boston, Mass.—*Walnut Ave.*, rear, No. 89, Ward 21, fr. stable, 23' x 37'; \$1,000; o, Thos. McCormack, premises; b, Davis & Randall.
Castleton, S. I., N. Y.—Two-st'y & base, bk. stable, 50' x 100'; a, H. Hassenstein, 111 Broadway, New York City.
East Orange, N. J.—2½-st'y fr. stable, 30' x 56'; \$4,000; o, Irving Smith, 21 Maiden Lane, New York City; a, R. E. Mosley, Produce Exchange, New York City.
Lynn, Mass.—*Light and Norton Sts.*, one-st'y fr. stable, 20' x 22'; \$600; o & b, Philip Callahan, 66 Light St.
Malden, Mass.—*Madison St.*, No. 63, 1½-st'y fr.

(Continued on page xvii.)

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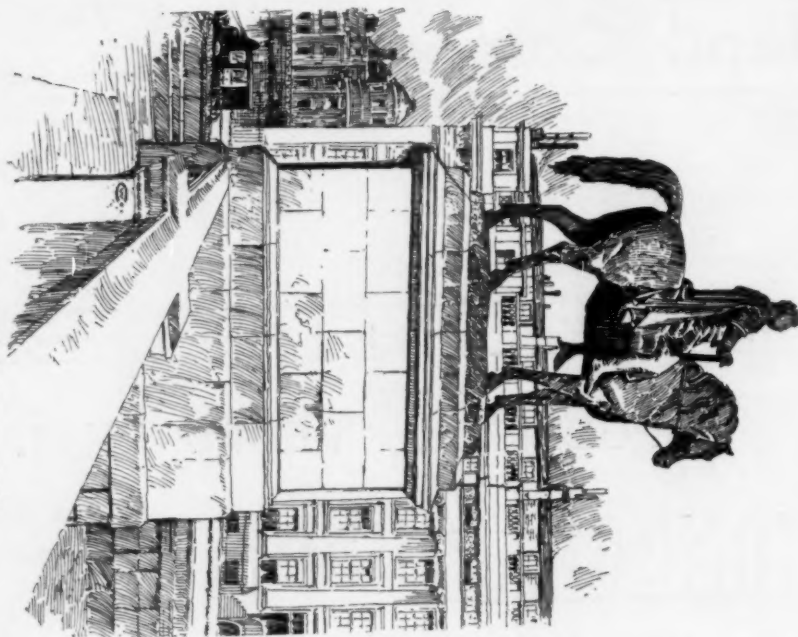
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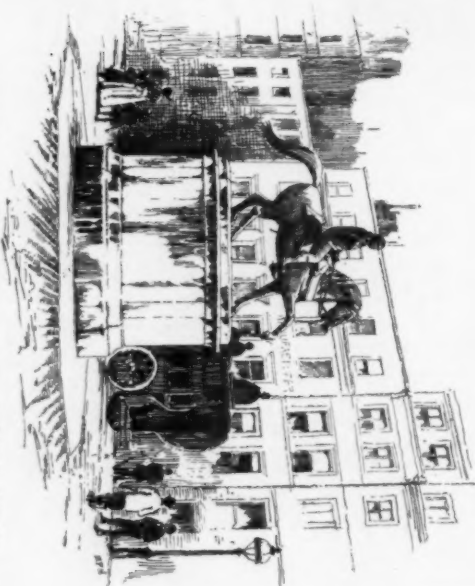
NOTE:—About half of these prints have been published in the International Edition of the "American Architect," but no one of them has appeared in the Regular or Imperial Editions and no one of the remainder of the prints has before been published.



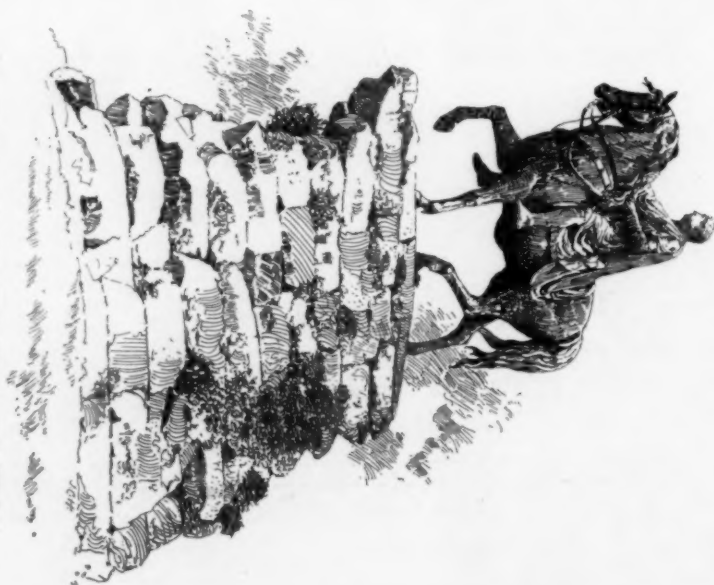
George IV, bronze, Trafalgar Square, London.
Sir F. L. Chantrey, Sculptor.



Model for Quadriga for Arch at Hyde Park Corner, London.
M. C. Wyatt, Sculptor.



George III, gilded bronze, Cockspur St., Pall Mall, London.
M. C. Wyatt, Sculptor, 1857.



George III, bronze, Long Walk, Windsor Park, Windsor.
Sir Richard Westmacott, Sculptor.

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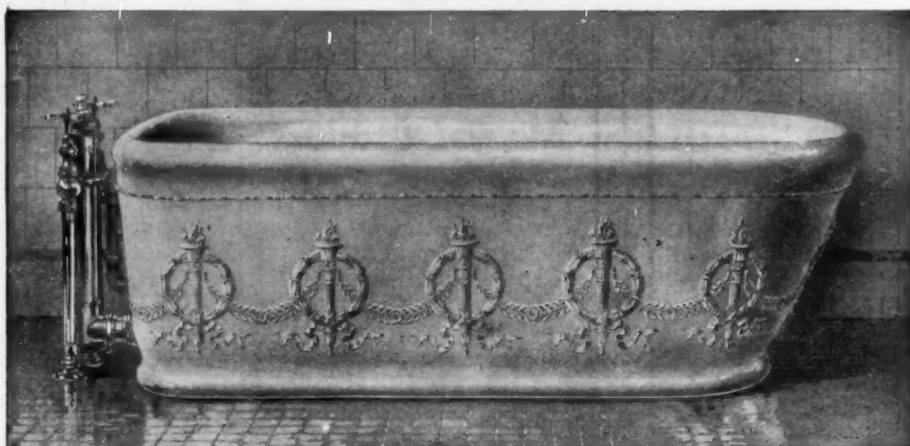
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BUILDING INTELLIGENCE.

(Stables Continued.)

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Lyme St., two-st'y fr. stable, 24' x 38', pitch roof; \$500; o. & b., George W. Badger, 551 Eastern Ave.

Claremont Ave., two-st'y fr. stable, 16' x 20'; \$800; o., J. J. Irwin, 35 Oak St., Somerville.

Newark, N. J. — Rector St., 2½-st'y bk. stable, 42' x 53'; \$6,000; o., Frederick Frelinghuysen; a., H. Toler Booraem, 34 Nassau St., New York City.

New London, Conn. — Two-st'y fr. stable, 44' x 128', arranged for 13 stalls & carriage-room on 1st floor, with coachman's apartments above, pitch roof, steam; \$5,000; o., Col. A. C. Tyler; a., Dudley Donnelly.

New York, N. Y. — Eldridge St., No. 217, 1½-st'y bk. stable, 22' x 44' 6"; \$2,000; lessee, Anna Baker, 166 Orchard St.; a., Horenburger & Straub, 122 Bowery.

Salem, Mass. — Loring Ave., No. 377, 1½-st'y fr. stable, 26' x 36'; \$500; o. & b., W. F. Lewis, Swampscott.

Somerville, Mass. — Flint Ave., 1½-st'y fr. stable 18' x 24'; \$600; o. & b., W. P. Rice.

Electric Ave. and Westminster St., 1½-st'y fr. stable; \$800; o. & b., H. D. McGray, 67 Cedar St.

STORES.

Detroit, Mich. — A. C. Varney & Co., bk. store, 20 Gratiot Ave.; \$10,000.

Heineman Estate, three-st'y bk. store, W. Larned St.; \$20,000; o., Vinton & Co.

WAREHOUSES.

St. Louis, Mo. — Olive St., s. s. bet. 32d & 33d Sts., three-st'y storage & warehouse; \$5,500; o., W. Stevenson.

Park St., n. s. bet. Lawrence & Vandeventer Sts., one-st'y warehouse & four-st'y factory; \$66,000; o., Wellman & Divers Tobacco Co.

PROPOSALS.

COURT-HOUSE.

[At Nashville, Ga.]

Sealed proposals will be received until March 21 for the erection of a new Court-house for Berrien County, in accordance with plans and specifications on file at office of W. Chamberlin & Co., architects, Knoxville, Tenn. F. M. Shaw, Chairman Board of County Commissioners. 1156

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 10, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of March, 1898, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete the boiler-plant, low-pressure exhaust steam-heating mechanical ventilating apparatus, cold and hot water supply system, etc., and fire-pump required for the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Milwaukee, Wis. The right is reserved to reject any or all bids and to waive any defect or informality in any

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Treasury Department, Office Supervising Architect, Washington, D. C., February 14, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of March, 1898, and opened immediately thereafter for all the labor and materials required to place in position complete a tower-clock and bell for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved

PROPOSALS.

to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Tower-clock and Bell for the United States Court-house, Custom-house and Post-office, Omaha, Neb.," and addressed to the Supervising Architect. 1157

MARKET-HOUSE.

[At Cincinnati, O.]

Bids are wanted March 2 for erecting a new market-house on Pearl St. AUG. HERRMANN, Pres. Bd. of Admin. 1156

SCHOOL-HOUSE.

[At Ottumwa, Ia.]

Bids are wanted February 21 for constructing the proposed high-school building. Separate bids will be

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PROPOSALS.
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SCHOOL-HOUSE. [At Columbus, O.]
Bids are wanted February 21 for the erection of the East High-school Building. C. E. MORRIS, Chairman Committee on Buildings, Board of Education. 1156

Treasury Department, Office Supervising Architect, Washington, D. C., February 5, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 24 day of March, 1898, and opened immediately thereafter, for all the labor and materials required for the decorative painting of the United States Court-house, Post-office, etc., building at De-

troit, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Detroit, Mich. The right is reserved to reject any or all bids and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Decorative Painting of the United States Court-house, Post-office, etc., at Detroit, Mich.," and addressed to the Supervising Architect. 1156

Treasury Department, Office Supervising Architect, Washington, D. C., February 2, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 24th day of February, 1898, and opened immediately thereafter, for furnishing all the labor and

materials and erecting complete two hydraulic passenger-elevators, one hydraulic mail-lift and one hydraulic ash-lift, including pumps, tanks, piping, cars, platforms, etc., for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Two Hydraulic Passenger-elevators, one Hydraulic Mail-lift and one Hydraulic Ash-lift for the United States Court-house, Custom-house and Post-office building at Omaha, Neb.," and addressed to the Supervising Architect. 1156

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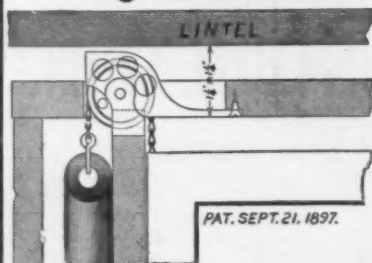
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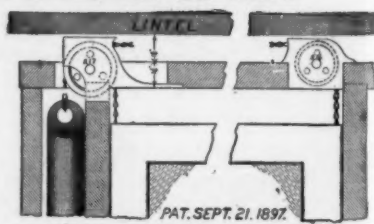
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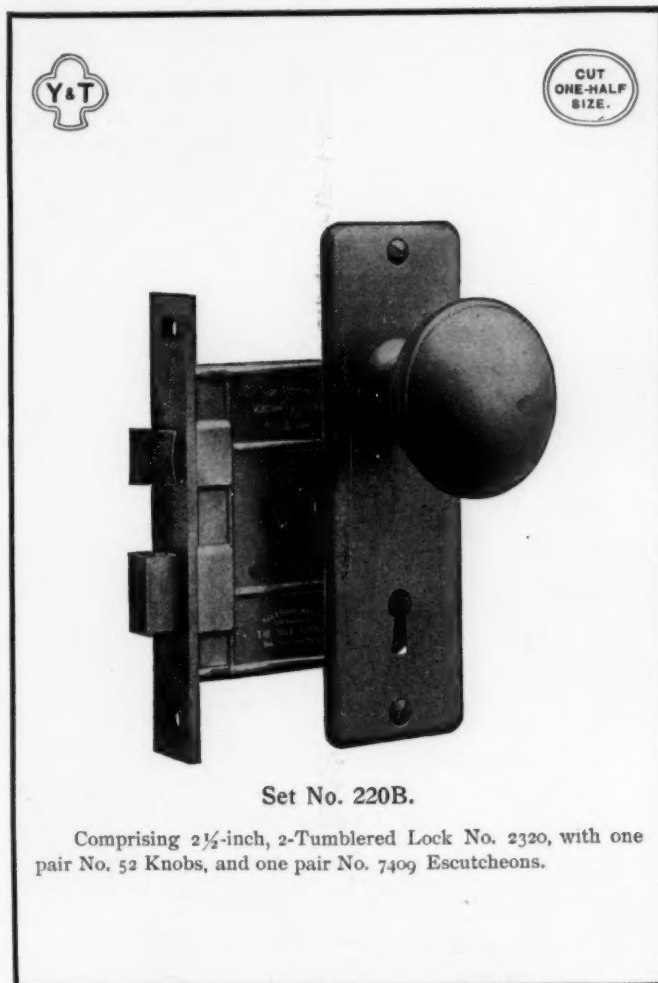
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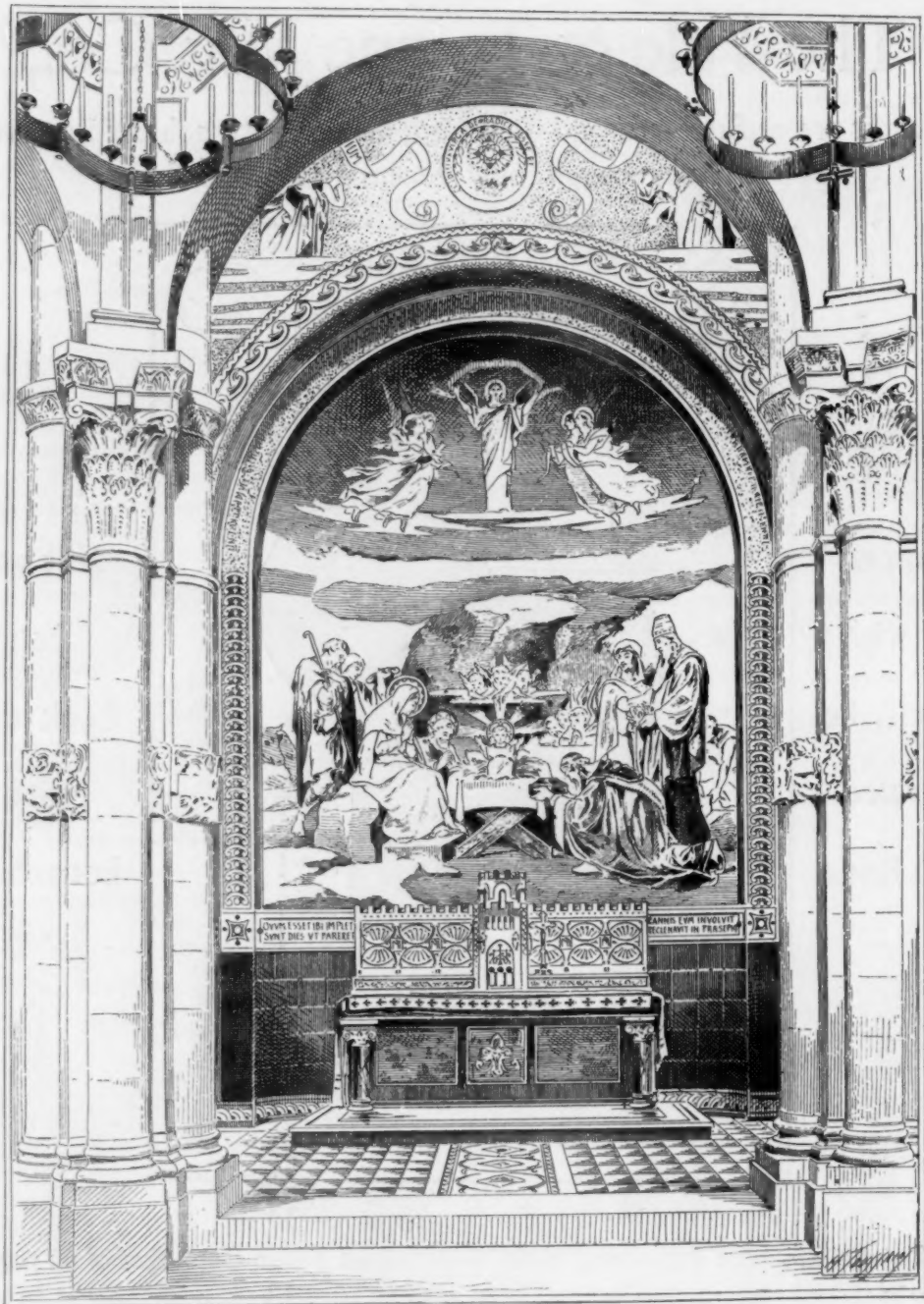
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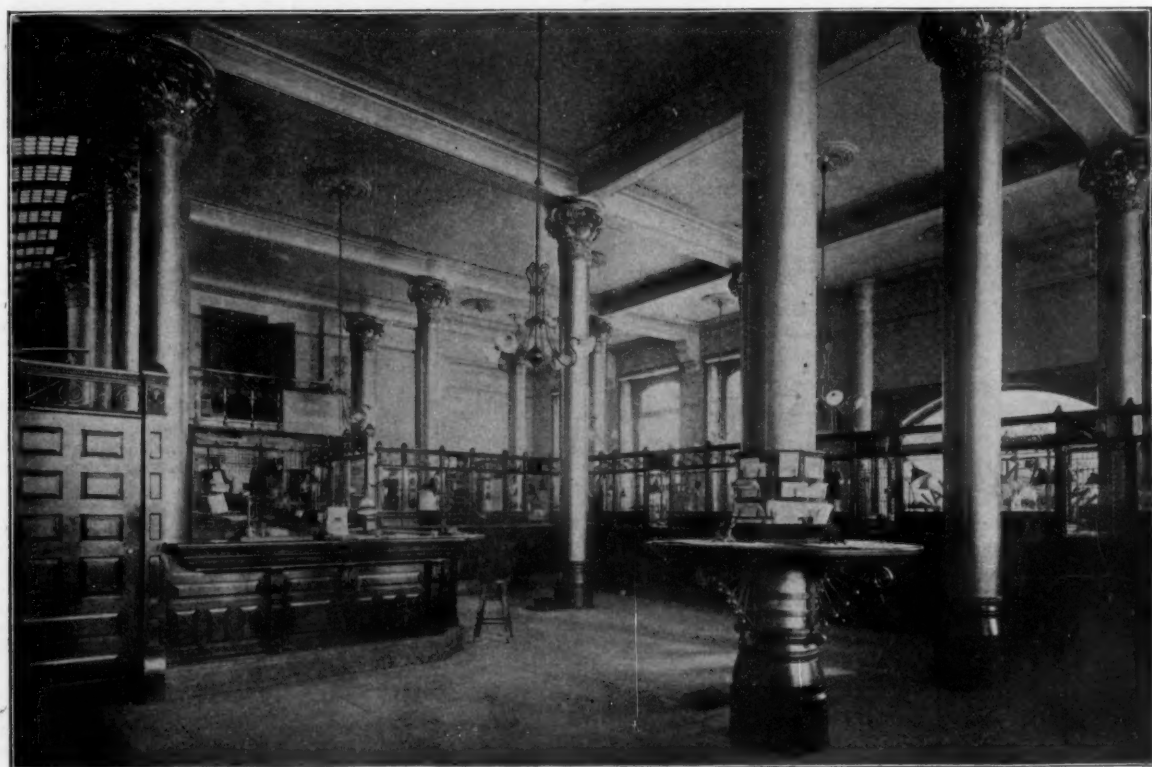
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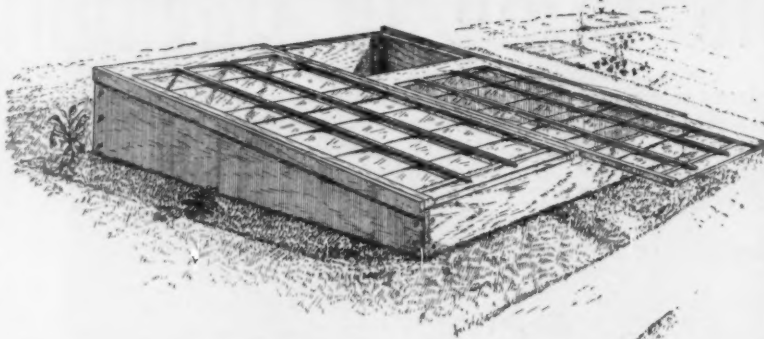
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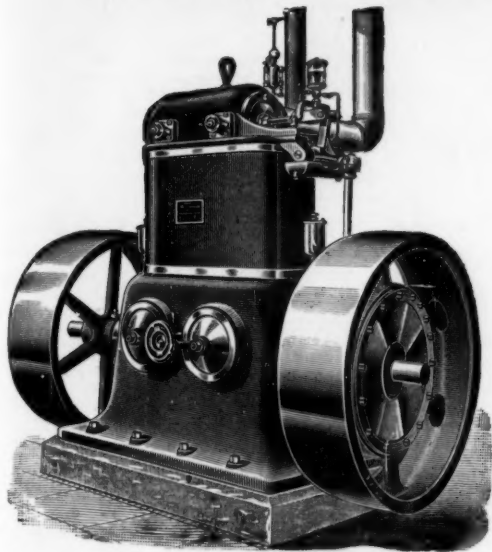
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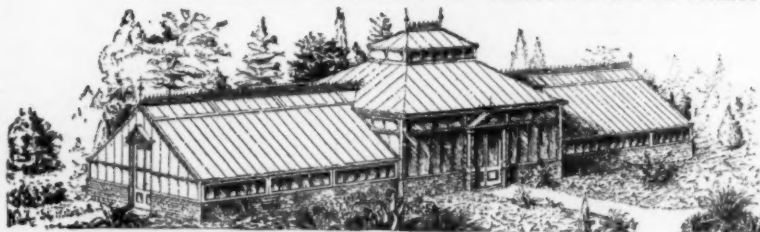
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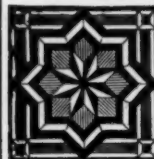
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Canton, S. D.—The committee on Indian affairs of the National Senate has favorably reported a bill to appropriate \$75,000 for the erection of a hospital for insane Indians at this place.

Clayton, N. Y.—Excavation for a club-house has been started. The site consists of nine acres on Bartlett's Point, now called Prospect Point. It is on the American side of the St. Lawrence River, three-quarters of a mile southwest of Clayton, N. Y., which is the New York gateway of the Thousand Islands. The site has water on three sides, and rises to nearly one hundred feet above water. The architects of the building are Dehli & Howard of New York City. Jacob C. Dall is the builder. The building is to be 300 feet long, 35 to 80 feet wide, and in parts it will rise seven stories in height. It will be lighted by electricity. The lower part of the building is granite and the upper part frame. The main piazza will be 200 feet in length. The structure will consist of a long main building, and two wings shooting out at an angle of forty-five degrees from the ends of the main building, and every room will be light. The main dining-room will be 86 by 42 feet, and there will be several private dining-rooms; owners, St. Lawrence Club, Frederick C. Dexter, of Brooklyn, president; Eugene J. Grant, secretary.

Cleveland, O.—A bill has been passed by the House authorizing the School Council to issue \$200,000 bonds for erecting new school-buildings.

Cranford, N. J.—The contracts for two new brick school-houses to be erected here were awarded by the Board of Education recently, the large building at Springfield Ave. and Holly St. to Peter Tanssen's Sons of New York, for \$21,576, and the primary school on Lincoln Ave. to Diedrich Kreise, for \$3,425. The cost of the two buildings is \$3,101 less than the maximum limit fixed by the Board.

Decatur, Ill.—It is probable that the Wabash & Illinois Central Railroad will commence work upon the proposed new station about May 1. It will cost \$60,000.

Decoto, Cal.—The contract for completing the main building of Masonic Widows' and Orphans' Home has been awarded to R. P. Hurlburt, at \$45,000.

Detroit, Mich.—The Lincoln Ave. Methodists will build a church and chapel to cost about \$30,000. No designs yet adopted.

St. Paul's Episcopal Church Society will build a stone church, corner Woodward and Hancock Aves., to cost about \$100,000. No designs yet adopted.

Hon. G. W. Moore will build an apartment-house on Alexandrine and 2d Aves., to cost about \$20,000; A. C. Varney & Co. are his architects.

McKim, Mead & White, of New York, will be the architects of the new State Savings Bank.

The University of Michigan, at Ann Arbor, will erect a new building of legal department, at a cost of \$50,000; Spier & Rhoads, architects.

Dover, N. J.—G. W. Bower & Son, of Morristown, have prepared sketches for the three-story brick hotel, 50' x 100', for Wm. H. Baker, of this city.

Garwood, N. J.—The Aeolian Company, of Detroit, Mich., is the company that contemplates erecting a large factory and 50 houses at this place. H. W. Douty, 143 Liberty St., New York City, is the agent of the company.

Harper, Ia.—The St. Elizabeth Catholic Society has had plans prepared for a new church to be erected at a cost of \$10,000, Rev. J. A. Ranger, pastor.

Hazardville, Conn.—A fire-engine house is to be built here from plans by Architect L. C. Fay, Springfield, Mass. To be of brick, two stories, with tower, slate roof. Frank W. Parson is Chairman of Commissioners.

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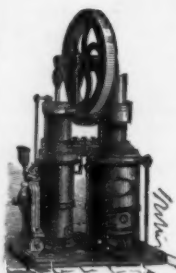
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Helena, Mont.—The State Capitol Commission have received offers from 137 architects for plans for the proposed building to cost \$275,000.

Hot Spring, S. D.—The bill appropriating \$150,000 for the erection of a branch soldiers' home here has passed the Senate.

Indianola, Miss.—The Board of Supervisors, of Sunflower County, adopted the plans and specifications of A. J. Bryan & Co., architects, Atlanta, Ga., for the erection of the new Court-house in this city.

Kingston, N. Y.—A. C. Longyear, of 126 Liberty St., has just started plans for a new bank building, to be erected at Rondout for the First National Bank, Charles M. Preston, 56 Pine St., New York City, president. It will be one-and-one-half stories, 50' x 50', brick and stone, to have steam-heat, gas and electric lights, one or two fireproof vaults, and will cost about \$30,000.

Lee, Mass.—Reports state that Wm. C. Whitney is to build a fine residence on Washington Mountain, on land lately purchased.

Louisville, Ky.—Mrs. Joshua Speed has given \$25,000 of the \$40,000 wished for to erect a new church edifice for Trinity Methodist Episcopal Church of that city.

The Arion Singing Society has appointed a committee consisting of Theobald Engelhardt, Charles Naehner, Dr. W. J. Schildge, Charles Frob and Otto Hildenbrand to consider plans for a new club-house. Mr. Engelhardt has already submitted a set of plans which satisfy the committee in most respects, and it is probable that they will be accepted.

Maryville, Tenn.—Maryville College will build a science-hall, to cost \$10,000, Rev. W. H. Lyle, president.

Mt. Vernon, N. Y.—The Mt. Vernon Turn Verein will erect a new building on Stevens Ave., to cost about \$18,000.

New Castle, Pa.—The New York Car & Supply Co., of Buffalo, N. Y., will erect a large plant here, employing about 3,000 men.

New York, N. Y.—The New York City Circulating Library, 49 Bond St., are to erect a new \$35,000 library building on a lot 53' 8" x 41' x 55' x 43' on 100th St., near the Boulevard, from plans by Jas. Brown Lord, 160 Fifth Ave. Fred'k Kernochan, president, and Jacob H. Schiff, treasurer of the library, in charge.

Painesville, O.—Steffens, Searles & Hirsch, of Cleveland, are announced as the successful architects in the competition for the \$40,000 high-school building. Fourteen architects submitted designs. Thayer & Willson secured second place, the third prize being awarded to F. S. Barnum & Co., of Cleveland.

The County Commissioners are reported to be considering plans for repairing and enlarging the county jail; estimated cost, \$18,000.

Paterson, N. J.—Nathan Barnes, ex-mayor, is to erect a four-story brick factory, 50' x 277', from plans by Charles J. Post.

Philadelphia, Pa.—Architect Edwin F. Durang has completed plans and specifications for a large and handsome parish school-building to be erected for St. Columba's Catholic Church, at 23d St. and Lehigh Ave., and placed in the hands of the Building Committee. It will be three stories high, with a basement used for a gymnasium, and will measure 70 by 140 feet.

Plans have been finished for a handsome new church for the Roman Catholic congregation of St. John, which is to be built on the west side of Thompson St., near Orthodox St., Bridesburg. The edifice will be constructed of brick, one-story high with a basement, and will measure 68 by 120 feet. The front will be flanked by graceful spires on each side. The entire main floor will be taken up with the auditorium, chancel, altars, etc., while the basement, in addition to the heating plant, will contain a large assembly hall, with stage, dressing-rooms, etc.

Architects Baker & Dallett have been selected to prepare plans for the proposed nine-story apartment-house, measuring 28 by 180 feet, that is to be erected at the southeast corner of 15th and Walnut Sts.

Contractors Roydhouse, Arey & Co. have taken out permits to put up a three-story brick machine-shop, 138 by 84.6 feet, on the north side of Pennsylvania Ave., west of Broad St., for the Baldwin Locomotive Works, at a cost of \$20,000.

Builder Thomas G. Hunter has filed plans for 64 three-story granite and brick front dwellings, which he will begin to build immediately for E. M. Hunter in the 27th Ward, at a cost of \$235,500. They will go up as follows: 41 three stories high, 16' x 57', on the north and south sides of Naudain St., west of 47th St.; 20 three-story-and-attic, each 18' x 57', on the north side of South St., from 47th to 48th Sts., and 3 three-story-and-attic, each 19' x 57', at the

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

northwest and southwest corners of 47th and Naudain Sts., and at the southeast corner of 48th and Naudain Sts.

The J. G. Brill Company has filed plans for a two-story building, 86' x 145', which they will erect on Woodland Ave., between 60th and 62d Sts., at a cost of \$12,000. It will be used for car-building and packing cars for shipment.

Piqua, O.—A bill has been passed by the Legislature authorizing the City to issue \$25,000 bonds for new school-buildings, according to reports.

Port Jervis, N. Y.—The citizens on February 10 voted in favor of erecting a new school-building on Church and Hammond Sts., to cost \$18,000.

Racine, Wis.—E. Brillmaier & Sons, architects, of Milwaukee, have prepared plans for a building for St. Catherine's Academy. Will be three stories and basement, 48' x 60', of brick, with hot-water heat, slate roof, etc.; cost, \$20,000.

Rahway, N. J.—Geo. S. Bracher, Jas. H. Durand, Edward Savage, Charles B. Squier and Wm. McMahon have been named a committee from the Board of Trade by Mayor Holmes to confer with a like committee from the Town Improvement Association on a site for the proposed opera-house. A Citizen's Committee, it is understood, will also be appointed by the Mayor to confer with the other committees, and a fireproof structure will be advised. A petition has been sent in by members of Trinity Methodist Episcopal Church remonstrating against selecting the site now under consideration.

Rocky Mount, N. C.—The Masonic Order of this place will build a new three-story structure, J. O. W. Gravely, Chairman Building Committee.

San Francisco, Cal.—Henry A. Schulze, architect, is preparing plans for a hospital building to be erected on the corner of 14th and Mission Sts., for the Southern Pacific Railroad Co.; estimated cost, \$100,000.

Scottdale, Pa.—The First Presbyterian Church

(Continued on page xiv.)

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

will erect a \$20,000 edifice here, according to reports.

Sheboygan, Wis.—It is stated that the Board of Public Works has been instructed to advertise for plans and specifications for a 10-room school-building in the 5th ward, to cost about \$25,000.

Spokane, Wash.—Press report states that bids are wanted March 15 for the erection of a \$36,000 school-house, L. L. Hand, architect.

Springfield, Ill.—The Illinois Central is stated to have decided to erect a new freight depot on 6th and Madison Sts., build new tracks, etc., at an estimated cost of \$50,000.

St. George, W. Va.—Press reports state that a new Court-house, to cost about \$30,000, will be erected in this city.

Tampa, Fla.—The contract for erecting the new cathedral at this place has been awarded to S. S. Leonard, of Jacksonville; estimated cost, \$100,000.

Vinton, Ia.—Plans by R. G. Kirsch & Co., architects, of Milwaukee, have been adopted for the high school. It will be 85' x 120', of brick, metal roof; cost, \$25,000. Bids will be opened about March 15.

Waterbury, Conn.—The Center School District has voted to expend \$54,000 on school-buildings this year.

Xenia, O.—Plans for a new church for the Baptist Society are being prepared by W. R. Brown, 222 W. 4th St., Cincinnati.

Youngstown, O.—The Board of Education is reported to have appointed a committee to prepare plans and begin the work of erecting a new school-building at Belmont and Cumberland Aves., to cost about \$20,000.

APARTMENT-HOUSES.

Biddeford, Me.—Three-sty bk. flats, 40' x 60', comp. roof; \$10,000; o. F. F. Beauregard; a. Johnson & Johnson, Worcester, Mass.

Boston, Mass.—Pulham Ave., three-sty fr. flats, 50' x 75', flat roof, hot water; \$10,000; o. Ernest Flentje; a. Clarke & Tyler, 15 Court Sq.

Warren St., Ward 21, three-sty fr. flats, 40' x 70'; \$15,000; o. T. Parker; a. A. B. Pinkham.

Beacon St., cor. Massachusetts Ave., Ward 11, eight-sty st., bk. & steel-frame apart., 91' x 112' 6"; flat roof, steam; \$250,000; o. Washington B. Thomas, 26 Broad St.; a. Willard T. Sears; not let.

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Buffalo, N. Y.—W. Huron St., No. 199, three-sty bk. & st. fireproof flat of 6 suites; \$30,000; o. Mrs. Ruth A. Pattison; a. Cyrus K. Porter & Son.

Chicago, Ill.—N. Hermitage Ave., No. 2805, three-sty bk. & st. flats, 50' x 55', comp. roof, steam; \$14,000; a. E. M. Newman, 24 Pacific Ave.

Sixty-fourth St. and Washington Ave., three-sty bk. & st. flats, 44' x 60', flat roof, steam; \$20,000; o. Wilber Kutsche; a. Smith & Johnson, 134 Van Buren St.

Washington Ave., bet. W. North Ave. & Le Moyne St., three-sty & base. st. flats, 22' x 60', comp. roof, stoves; \$7,000; o. Otto Peterson, North & Davis Aves.

Michigan Ave., No. 5898, three-sty flats, 22' x 58'; \$7,500; o. M. Leth; b. C. D. Armstrong.

Forty-seventh St. and Lake Ave., four-sty bk. store & flats, 60' x 149'; \$50,000; o. Montgomery Ward; b. Prendergast & Clarkson; a. M. L. Beers.

Park Ave., No. 958, three-sty bk. flats, 32' x 83'; \$12,000; o. L. W. Boganza; b. Storgard & Jergens; a. La Pointe & Hickok.

Drexel Ave., No. 5609, three-sty bk. flats, 21' x 62'; \$9,000; o. J. T. Bright; a. Harper Bros.

Congress St., Nos. 1883-89, 3 three-sty bk. flats, each 23' x 60'; \$15,000; o. b. Jans C. Jensen.

Wilson Ave., Nos. 702-4, three-sty bk. flats, 48' x 68'; \$15,000; o. H. H. Anderson; a. Julius Huber.

Detroit, Mich.—D. C. Van Leyan, four-sty bk. apart., 48 Palmer Ave.; \$25,000.

Minneapolis, Minn.—S. Fourth and Franklin Aves., three-sty bk. & iron store & flat-building, 50' x 65', flat roof, steam; \$12,000; o. Wm. Hooker; a. Chas. S. Sedgewick.

New York, N. Y.—E. Broadway, No. 216, six-sty & base. bk. & st. aparts., 37' 4" x 64' 3"; \$25,000; o. a. & b. Harry Fischel, 215 E. Broadway; a. Horenburger & Straub, 122 Bowery.

E. Broadway, No. 218, six-sty bk. & st. store & aparts., 25' x 70'; \$30,000; o. a. & b. Harry Fischel, 215 E. Broadway; a. Horenburger & Straub.

Division St., Nos. 205-7, six-sty bk. & st. store & aparts., 36' 8" x 47' 5" x 37' 5" x 47' 5"; \$30,000; o. a. & b. Harry Fischel, 215 E. Broadway; a. Horenburger & Straub.

One Hundred and First St., nr. Columbus Ave., five-sty bk. & st. flats with stores, 44' x 58'; \$45,000; o. a. & b. George W. Eggers, 103 W. 93d St.; a. Edw. Wenz, 1491 Third Ave.

One Hundred and Seventy-sixth St., nr. Morris Ave., three-sty bk. apart., 25' x 60'; \$7,000; o. Thos. Kerg; a. Cleveland & Putzel, 41 Union Sq.

One Hundred and Thirty-third St., cor. 5th Ave., 2 five-sty bk. & st. flats with stores; o. a. & b. S. W. B. Smith, 328 Lenox Ave.; a. Neville & Bagge, 217 W. 125th St.

Boulevard, nr. 93d St., seven-story bk., st. & terra-cotta flats, 45' x 200'; \$65,000; o. a. & b. John H. McKenney, 1471 Broadway.

Third St., Nos. 284-88, 3 six-sty bk. & st. flats & stores, 22' x 80'; \$54,000; o. a. & b. Isaac Marx, 118 First St.

Ninety-eighth St., nr. 5th Ave., seven-sty bk. & st. flats, 50' x 100'; o. Mrs. Agnes R. Albinger; a. Frank E. Albinger, 1133 Broadway.

Springfield, Mass.—Margaret St., three-sty bk flats, 28' x 55', flat roof; o. D. D. Casey; a. F. R. Richmond and J. W. Donohue; not let.

St. Louis, Mo.—Compton Ave., s e cor. Laclede Ave., three-sty store & flats; \$8,500; o. H. Bohn.

CHURCHES.

Coldwater, O.—Bk. church, 50' x 140', slate roof, steam; \$35,000; o. Roman Cath. Society.

EDUCATIONAL.

Anderson, Ind.—School and Thirtieth Sts., two-sty bk., st. & steel school, 99' x 146', slate roof; \$25,000; o. City; a. Philip F. Jeckel, P. O. Block.

FACTORIES.

Detroit, Mich.—Alphonse Van Deusen, bk. manufactory, 453-93 Michigan Ave.; \$10,000.

BUILDING INTELLIGENCE.

(Factories Continued.)

South Lawrence, Mass.—Three-sty bk. worsted-mill, 64' x 124', and boiler-house, 18' x 35', flat roof, steam; \$14,000; o. F. Butler, Lowell St.; a. John Ashton, Essex St. Lawrence.

HOTELS.

Boston, Mass.—Westland Ave., Ward 10, seven-sty bk., st. & iron hotel, 100' x 150', flat roof, steam; \$500,000; o. Syndicate.

St. Louis, Mo.—Twenty-seventh and Olive Sts., six-sty bk., st. & terra-cotta steel-construction building for a bachelor's apartment-hotel, 60' x 120', slate roof, steam; \$300,000; o. St. Louis Syndicate; a. Deitering & Klipstein; not let.

HOUSES.

Boston, Mass.—Thacher Road, nr. Stoughton St., Ward 20, two-sty fr. dwell., 33' x 37', pitch roof, furnace; \$4,500; o. Agnes Monk; b. Carl F. Monk. Mountain Ave., Dorchester.

Longfellow St., nr. Topliff St., Ward 20, 3 two-sty fr. dwells., 26' x 42', furnaces; \$13,000; o. a. & b. Jas. E. Wilber, 299 Norfolk Ave., Dorchester.

Arcola St., nr. Day St., Ward 19, three-sty fr. dwell., 28' x 50', flat roof, stoves; \$4,800; o. Mary A. Cole; b. W. S. Cole, 813 Parker St.

Dickens St., nr. Adams St., Ward 20, two-sty fr. dwell., 24' x 41', pitch roof, furnace; \$4,000; o. Frank P. Tingley, 7 Corwin St.; a. J. F. & G. H. Smith.

Nightingale St., nr. Bernard St., Ward 20, two-sty fr. dwell., 36' x 38, pitch roof, furnace; \$4,200; o. a. & b. B. J. Moxon, 47 Spencer St., Dorchester.

Thetford Ave., nr. Norfolk St., Ward 24, two-sty fr. dwell., 26' x 48', pitch roof, furnace; \$4,700; o. Lydia M. Webber; b. W. U. Sherman, Malden.

Maple Ave., nr. Etna St., Ward 25, two-sty fr. dwell., 26' x 48', pitch roof, furnace; \$4,000; o. Lydia M. Leary; b. S. H. Leary, 26 Foster St., Brighton.

Benton St., nr. Litchfield St., Ward 25, two-sty fr. dwell., 25' x 40', pitch roof, furnace; \$4,500; o. Minnie S. Gould; b. C. E. Gould, 16 Antwerp St., Brighton.

Adams St., nr. Centre St., Ward 24, two-sty fr. dwell., 22' x 50' x 50', pitch roof, furnace; \$5,500; o. Helen M. Doucett; b. George H. Doucett, 8 Joseph St., Dorchester.

New York, N. Y.—Riverside Drive, s s block fronts from 79th to 80th, 82d to 83d, & 83d to 84th Sts., 24 five-sty bk. & st. dwells.; o. a. & b. Clarence True, 459 Western Boulevard. Work will start about the middle of March.

One Hundred and Fourteenth St., s s, 300' e Boulevard, 5 four-sty bk. & st. dwells., 100' x 100' 11"; o. Carrie S. Kennedy, 19 W. 74th St.

Fifth Ave., 50' s 77th St., five-sty stone-front dwell., 60' x 90'; \$75,000; o. Raleigh C. Gilder-sleeve, 27 W. 30th St.

Ninetieth St., nr. W. Central Park, 2 four-sty & base. bk. & st. dwells., 20' x 100'; o. H. B. Turner; a. Hill & Turner, 44 Broadway.

E. Seventy-sixth St., No. 3, five-sty bk. & st. dwell.; \$25,000; o. Mrs. Eugene Schieffelin; a. Parrish & Schroeder, 1 Madison Ave.

Seventy-sixth St., nr. W. Central Park, 4 bk. & st. dwells., 25' x 100'; o. a. & b. James Carlew, 17 W. 122d St.

One Hundred and Forty-second St., nr. Brock Ave., two-sty bk. store & dwell., 25' x 95'; \$7,000; o. Julia Hele, 747 E. 142d St.

Cates St., bet. Goodfellow & Hamilton Sts., two-sty bk. dwell.; \$9,000; o. Jas. B. True.

Washington St., n s, bet. Union St. & Lake Ave., 2 two-sty bk. dwells.; \$8,000; o. A. K. Humphrey.

Compton St., cor. Magnolia Ave., 3 two-sty bk. dwells.; \$10,500; o. Wm. Voelpel.

Westminster Pl., bet. Lake St. & King's Highway, two-sty bk. dwell.; \$5,000; o. Jos. Fuchs.

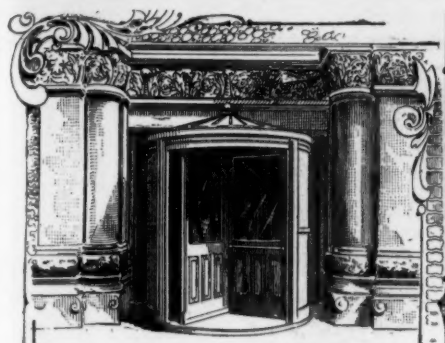
Greer St., bet. Taylor & Newstead Aves., 2 two-sty bk. dwells.; \$5,000; o. Geo. Mink.

Blackstone St., bet. Page & Minerva Sts., 2 two-sty bk. dwells.; \$6,000; o. E. B. Johnson.

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(Continued on page xvii.)



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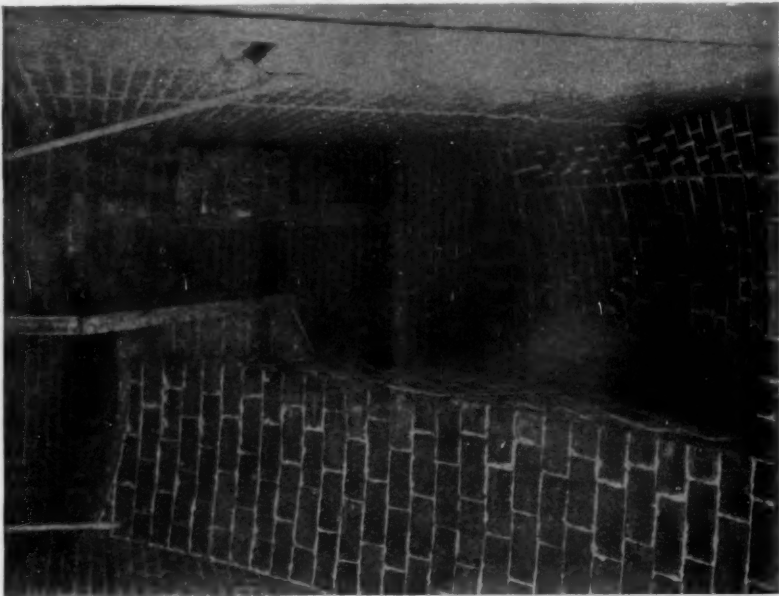
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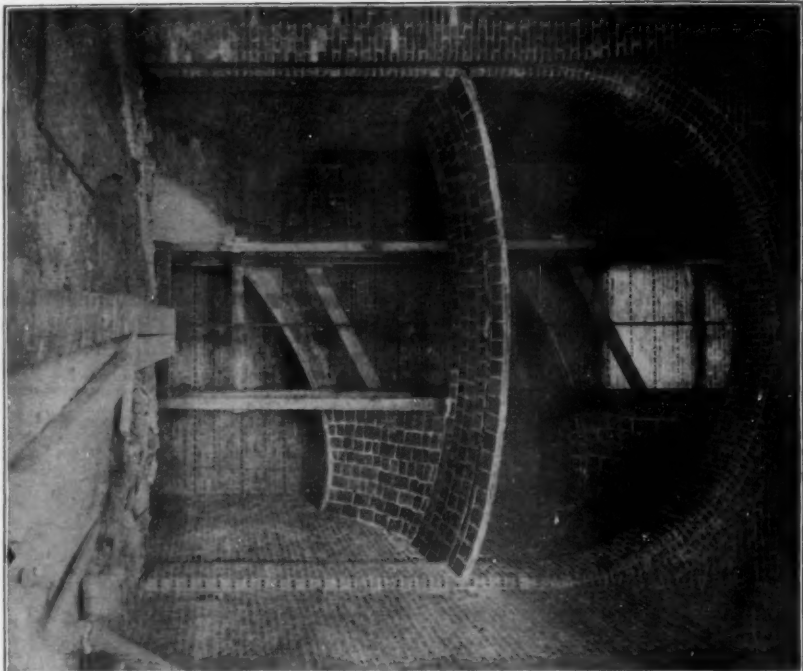
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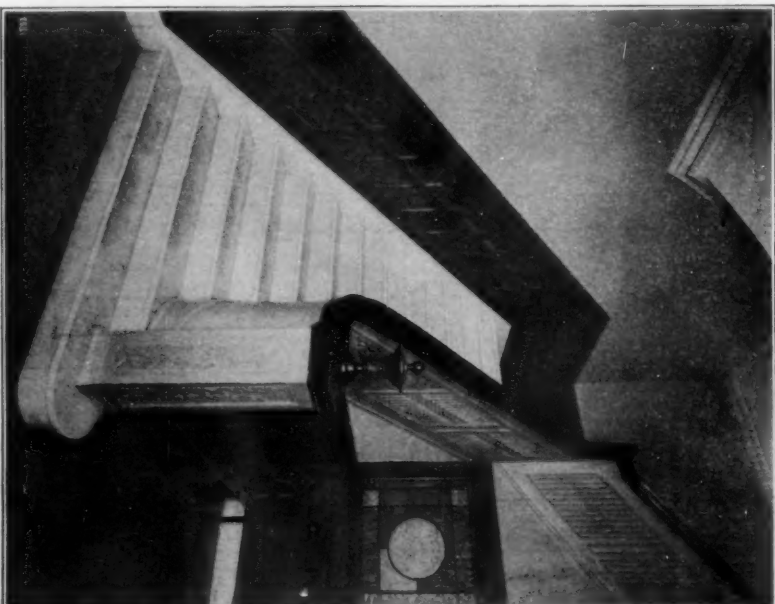
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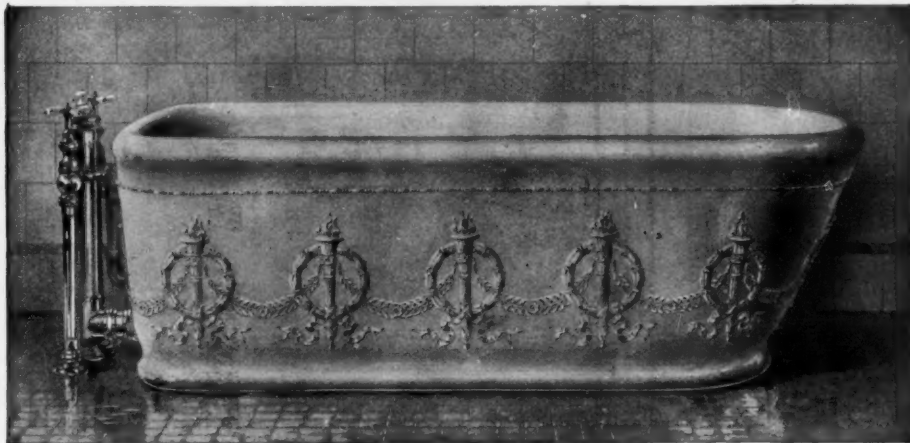
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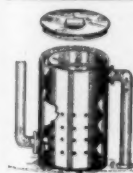


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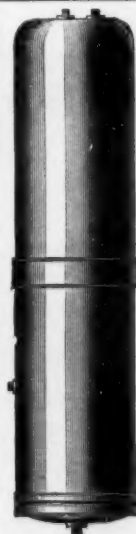
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MISCELLANEOUS.

Cambridge, Mass.—Mt. Auburn St., two & three st'y bk. building for an infirmary, 50' x 125', slate roof, steam; \$30,000; o., Harvard College; a., Kingsbury & Montague, 13 Exchange St., Boston; not let.

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000; o., Standard Brewing Co.; a., Oscar Beyer, 313 Garden City Block, Chicago, Ill.

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Le Beaume St., bet. 2d St. & Broadway, one-st'y bk. blacksmith-shop; \$5,700; o., Westinghouse Air-brake Co.

PROPOSALS.

JAIL.

[At Grand Haven, Mich.] Bids are wanted March 8 for the erection of a county jail. Separate bids are wanted for hot-water heating. F. J. FOX, Chairman Committee.

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PROPOSALS.

COURT-HOUSE.

[At Geneseo, N. Y.]

Proposals will be received until 2 P. M., March 10, for the labor and materials required in the erection and completion of the masonry and carpentry work of a new Court-house for Livingston County. NEWTON B. GORHAM, Clerk. 1158

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 10, 1898. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of March, 1898, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete the boiler-plant, low-pressure exhaust steam-heating mechanical ventilating apparatus, cold and hot water supply system,

PROPOSALS.

etc., and fire-pump required for the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Milwaukee, Wis. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked "Proposal for Boiler-plant, etc., Cold and Hot Water Supply, etc., System for the United States Post-office, Court-house and Custom-house building at Milwaukee, Wis.," and addressed to the Supervising Architect. 1157

Treasury Department, Office Supervising Architect, Washington, D. C., February 14, 1898. Sealed pro-

PROPOSALS.

posals will be received at this office until 2 o'clock P. M. on the 9th day of March, 1898, and opened immediately thereafter for all the labor and materials required to place in position complete a tower-clock and bell for the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Omaha, Neb. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes, sealed and marked, "Proposal for Tower-clock and Bell for the United States Court-house, Custom-house and Post-office, Omaha, Neb.," and addressed to the Supervising Architect. 1157

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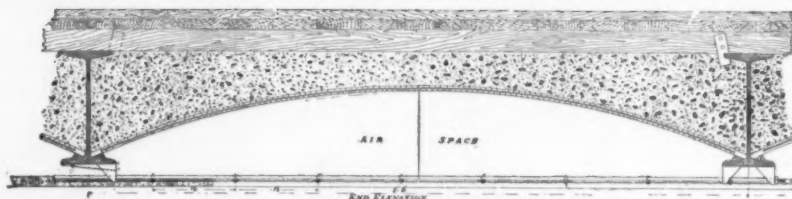
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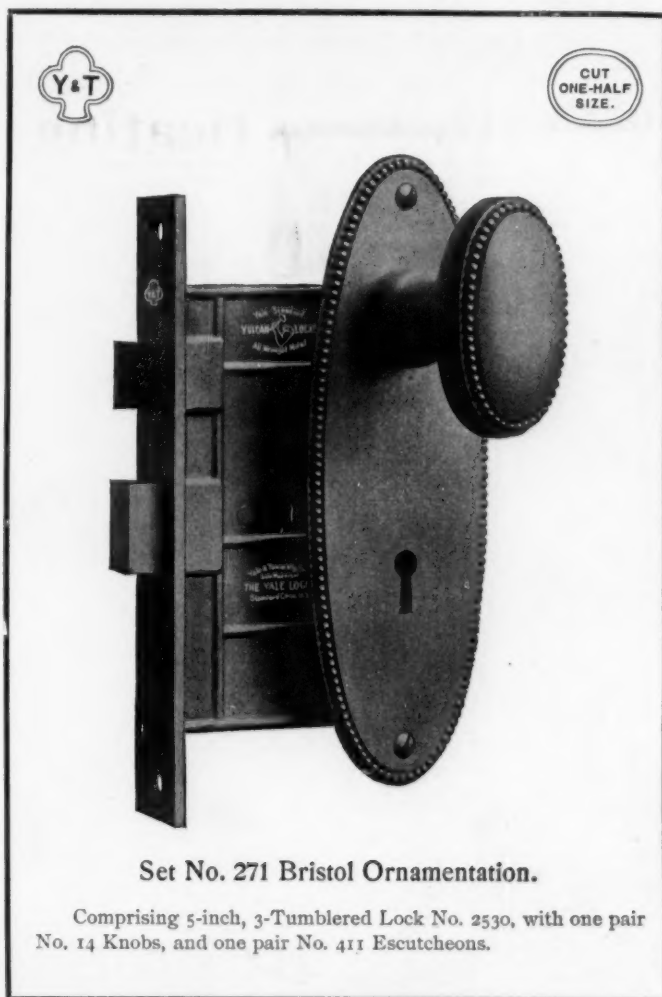
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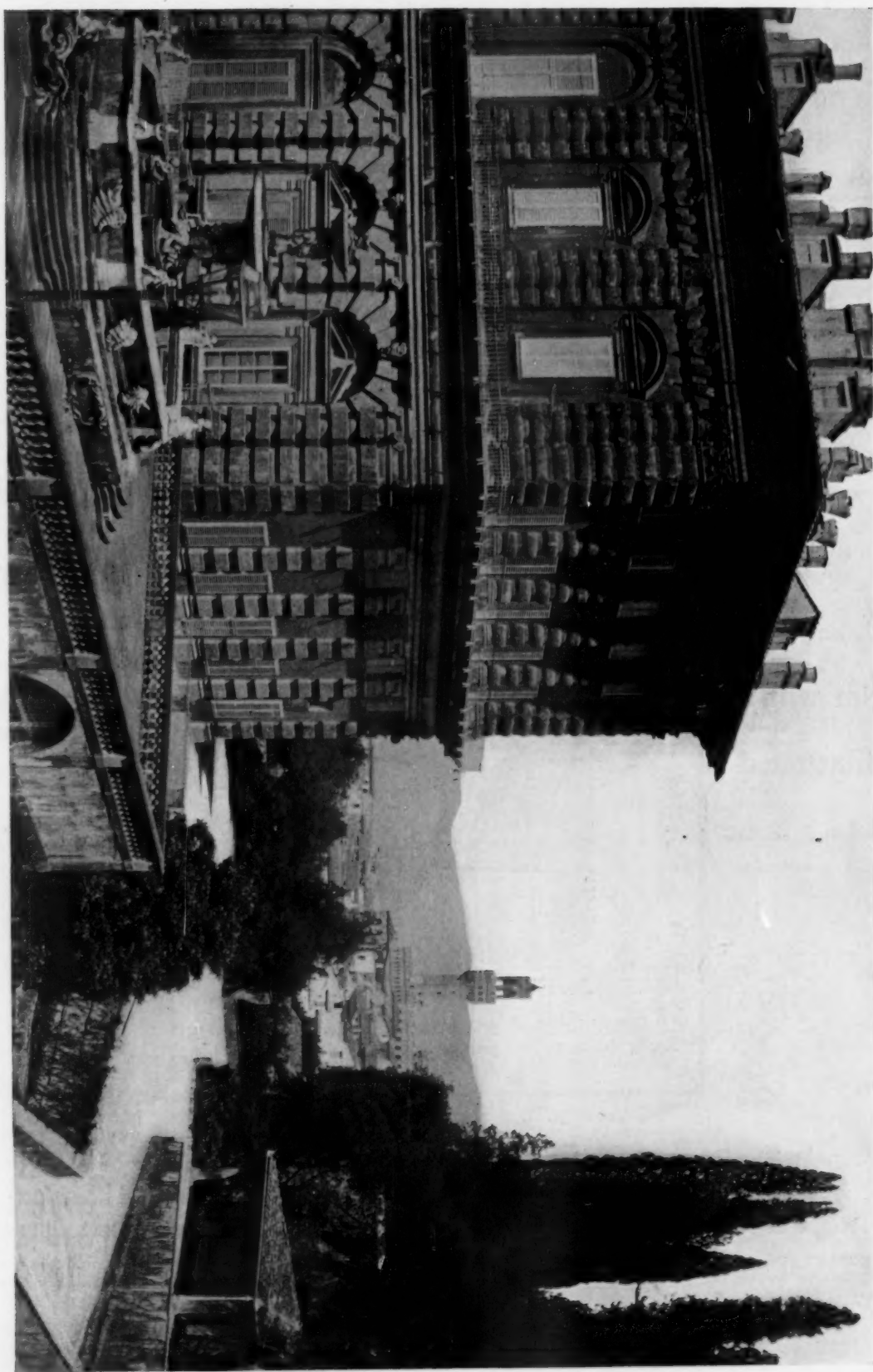
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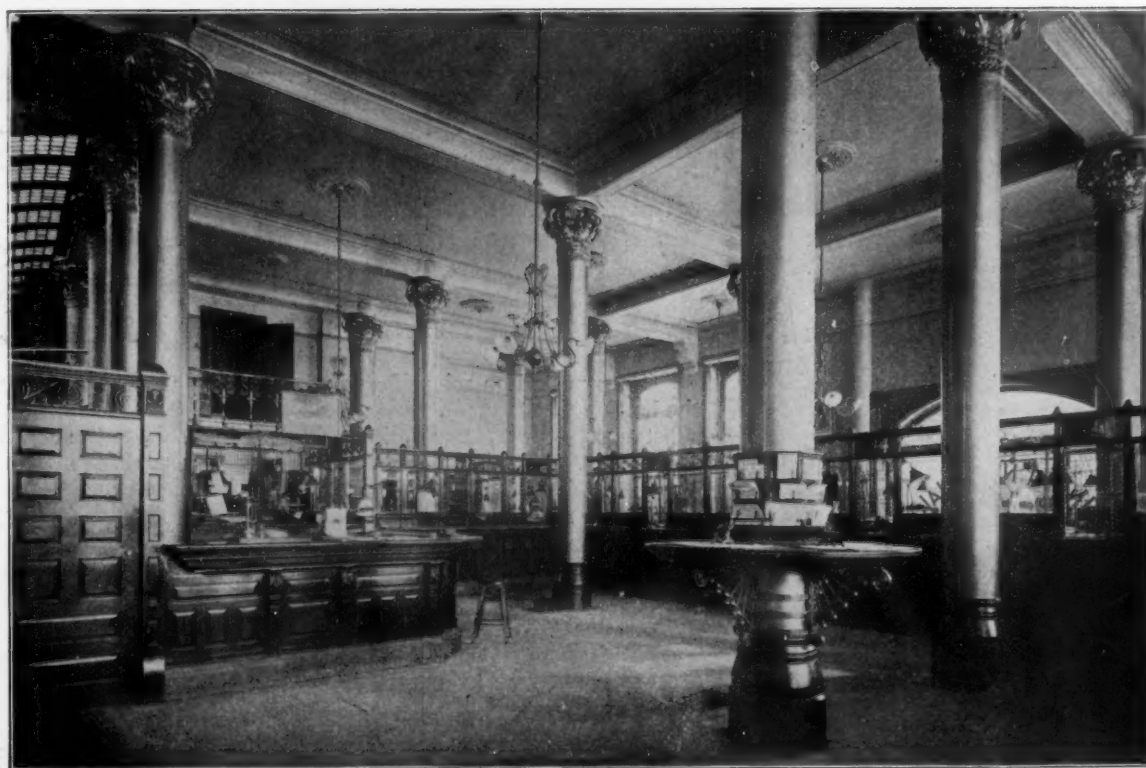


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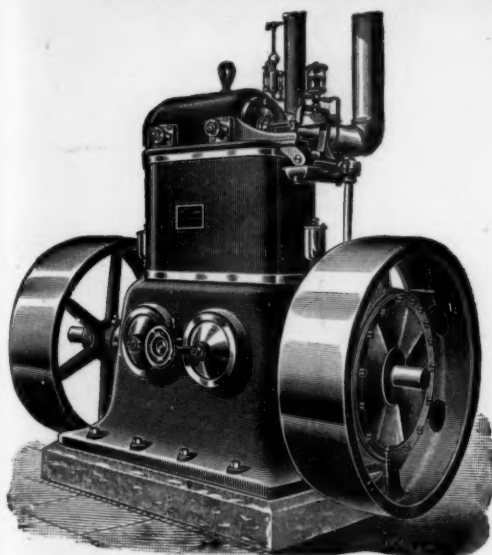
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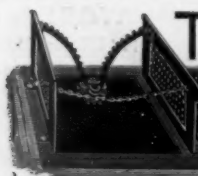
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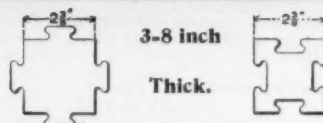
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598,975. SCUTTLE-DOOR.—Emil Burger, New York, N. Y.
598,987. NEEDLE-BATH.—Edw. Hammann, Brooklyn, N. Y., and Louis M. Hooper, Kutherford, N. J.
598,988. DREDGING-EXCAVATOR.—Frederick H. Heath, Tacoma, Wash.
598,992. TRAP.—Leonard D. Hosford, Brooklyn, N. Y.
599,015. ELECTRIC ELEVATOR.—Harold Rowntree, Chicago, Ill.
599,022. WARM-AIR FURNACE.—Isaac D. Smead, Toledo, O.
599,037. BRIDGE FOR SIDEWALKS.—Chas. T. Ford, Central Valley, N. Y.
599,053. SHUTTER-WORKER.—Geo. W. Bingham, Great Falls, Mont.
599,068. HEATING-DRUM.—Hugh C. Stover, Philadelphia, Pa.
599,080. AIR CLEANING AND COOLING DEVICE.—Joseph McCroarty, Toledo, O.
599,085. GATE OR DOOR HANGER.—Anton Westin and Oscar S. Magnuson, Chicago, Ill.
599,099. VALVE FOR AUTOMATIC FIRE-EXTINGUISHERS.—Geo. E. Hibbard, Chicago, Ill.
599,117. TILE.—Lewis H. Broome, Jersey City, N. J., and John Buckingham, New York, N. Y.
599,141. STEAM-BILER.—Louis Crus us, Kaiser slautern, Ger.
599,154. SASH HOLDER AND FASTENER.—H. F. Taylor, Salem, O.
599,158. WATER-CKCK.—Maurice Andriveau, Paris, France.
599,169. SCULPTURING-MACHINE.—Augusto Bonsemp, Florence, Italy.
599,161. SASH-HOLDER.—Lewis H. Bowman, Walla Walla, Wash.
599,168. ATTACHMENT FOR SQUARES.—Geo. M. Elliott, Winnipeg, Can.
599,222. BLIND-FASTENER.—Ezra P. Chappell, Mobile, Ala.
599,230. WINDOW.—Oscar Frotscher, Philadelphia, Pa.
599,251. SASH-HINGE.—Harry M. Pitman, San Francisco, Cal.
599,256. FAUCET.—Reuben Rowe, Dover, N. J.
599,261. SASH-ROLLER.—Geo. E. Schmitt, Wellsburg, W. Va.
599,267. PIPE-COUPLING.—Nathaniel E. Smith, Jersey City, N. J.
599,312. ROOFING-TILE.—Marshall C. Barber, Canton, O.

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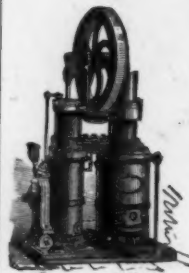
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599,318. AUTOMATIC WATERING-TROUGH.—Christopher C. Denny, Tekama, Neb.
599,335. DAMPER FOR GRATES.—Frederick W. Keifel, Jr., Louisville, Ky., and John Zipp, New Albany, Ind.
599,339. WATER-HEATER FOR BATH-TUBS.—John Kern, Columbus, O.
599,345. ANCHOR-PLATE FOR CORNER-STRIPS.—Ferris A. Mitchell, Glenolden, Pa.
599,363. KNOB ATTACHMENT.—John H. Shaw, New Haven, Conn.
599,377. HEATING STOVE OR FURNACE.—Francis A. Wilkinson, Ottawa, Kan.
599,415. LEVER CONNECTION FOR DOOR CHECKS AND CLOSERS.—Cromwell O. Case, New Britain, Conn.
599,490. DOUBLE SLIDING DOORS.—Albert G. Bierbach, Milwaukee, Wis.
599,498. DOOR-HANGER.—George C. Gardner, Chicago, Ill.
599,523. ELEVATOR SAFETY APPLIANCE.—John D. Conner, Philadelphia, Pa.
599,531. FLOOR-PLANING MACHINE.—Sven A. Peterson, New York, N. Y.
599,550. MAIL OR PARCEL ELEVATOR.—John A. Cabot, Cincinnati, O.
599,555. SASH-FASTENER.—Clarence P. Flora, Madison, Ind.
599,611. RADIATOR.—James Keith, London, Eng.
599,618. ELEVATOR-HOIST.—Thos. Mason, Topeka, Kan.
599,663. GREASE-TRAP FOR SINKS, BATHS, ETC.—Henry Steben, Kansas City, Mo.
599,667. SASH-FASTENER.—John J. Wade, Dolores, 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.

- Arlington, Mass.**—It is reported that Walter Crosby, E. S. Farmer and George I. Doe have been chosen a committee to secure plans for a brick-and-stone school-building to cost \$50,000.
Auburn, N. Y.—It is stated that a new Y. M. C. A. building will be erected on State St., for St. Mary's R. C. Church, to cost about \$25,000. Rev. Wm. Mulherson is interested.
Bar Harbor, Me.—Architects Cope & Stewardson, 320 Walnut St., Philadelphia, Pa., have on hand plans for a fine summer residence to be built here for Col. E. De V. Morrill. It will be of stone and frame, three stories high, and be fitted with all the latest conveniences, including steam heat.
Benton Harbor, Mich.—Plans are being prepared by Powers, Ireland & Co. for a \$30,000 hotel, to be erected in this city.
Bloomington, Ill.—It is reported that arrangements have been completed for the erection of a coliseum in this city to seat about 4,500 people and to cost \$75,000. B. J. Claggett, John Eddy and Dr. J. W. Hall can give information.
Boston, Mass.—\$60,000 has been appropriated by the School Committee for an eight-room primary school-house on Leon St.
A \$35,000 addition to the Normal Art School on Dartmouth St. is contemplated.
Bridgeport, Conn.—T. E. MacFarlane, Secretary of the Bridgeport Silver Plate Co., whose plant was destroyed by fire a few days ago, says he will rebuild at once. Plans have not yet been settled on, but the building will be of brick, and cost in the neighborhood of \$40,000.
Brooklyn, N. Y.—The Bushwick Ave. Congregational Church, of which Charles W. King, 850 Hancock St., is pastor, will erect a new church building at a cost of about \$200,000.
The Arion Singing Society has appointed a committee consisting of Theobald Engelhardt, Charles Naehar, Dr. W. J. Schilde, Charles Frob and Otto Hildenbrand to consider plans for a new club-house. Mr. Engelhardt has already submitted a set of plans which satisfy the committee in most respects, and it is probable that they will be accepted; estimated cost, \$25,000.
Buffalo, N. Y.—The State Lunacy Commission contemplate erecting four new buildings at the Buffalo State Hospital, to cost about \$80,000. The new buildings will be three stories high and of brick, terra-cotta and marble construction. Plans are being prepared by State Architect Perry, of Albany.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

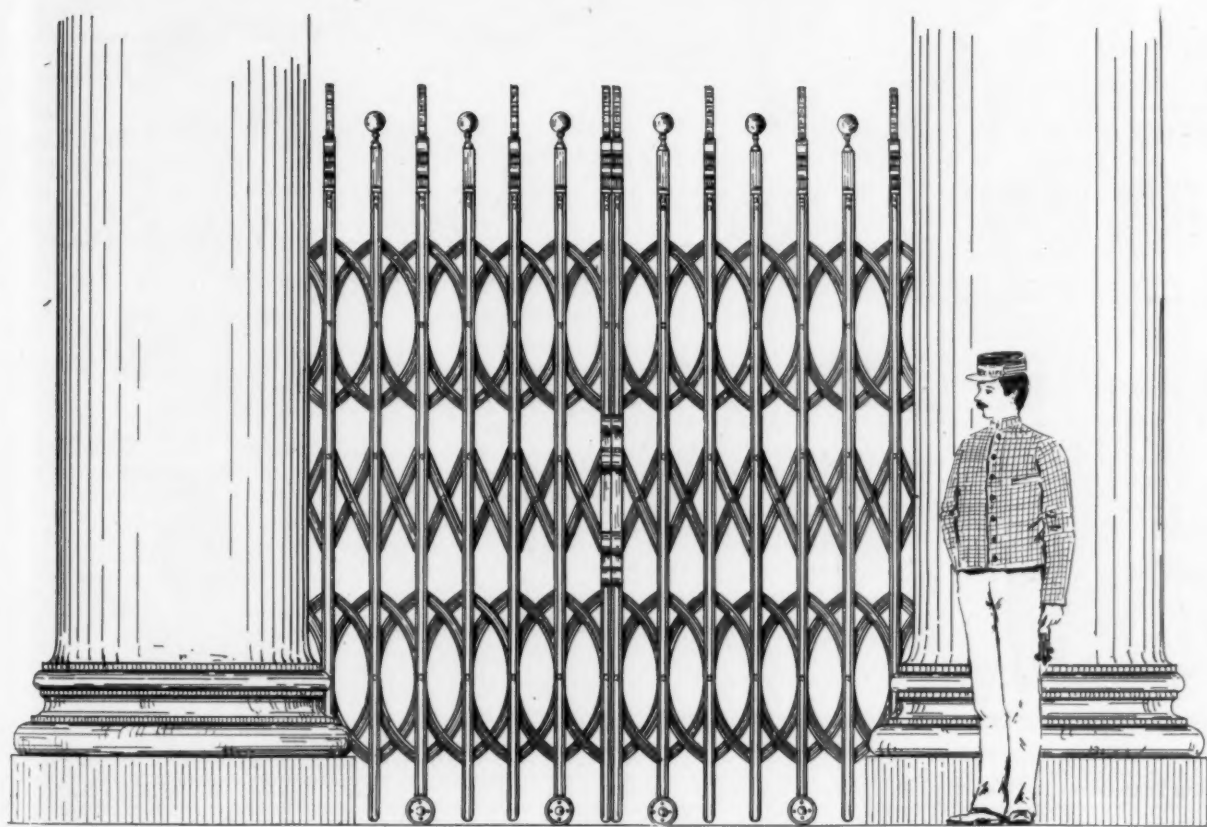
- Architect Louis J. Eckel** has prepared plans for a flat and store building to be built at Lexington and Ashland Aves. It will be three stories high, 96' x 115' in dimensions and will have an attractive front of pressed buff brick, trimmed with red Pot-dam stone. The building will contain five stores on the ground floor and five flats on each of the upper stories. The building will cost \$55,000.
Cambridge, Mass.—A new building for a central fire-station to be erected at Inman Sq. is proposed and a special committee of city officials have the matter in charge.
Canton, O.—Architect Guy Tilden, Schafer Block, is preparing plans for a four-story bank and business block for the Home Savings & Loan Association.
Charleston, W. Va.—Architects Yost & Packard, of Columbus, O., and Harrison Albright, of this city, have prepared plans for a five-story building for Lewis Hubbard & Co. The building will be of buff brick, and will be of slow-burning construction; size, 42' x 140'.
Cheboygan, Mich.—The Supervisors have purchased a site for a new court-house, and it is stated will submit the question of erecting a \$40,000 structure to the people at the coming election.
Cincinnati, O.—Reports state that Architect A. J. Bast, Main and S. Court Sts., has prepared plans for a factory for J. C. Moore. To be five stories, built of brick, and have a freight-elevator.
Columbus, O.—It is stated that plans have been prepared by W. P. Gintner, architect, Akron, for a new church to be erected on Ohio Ave. and Newton St., Rev. S. Weisinger, pastor, 1044 E. Main St.
East Liverpool, O.—It is reported that Architect J. E. Allison, Publication Building, Pittsburgh, Pa., has plans prepared for a three-story bank-building, for the Citizens' National Bank of East Liverpool, to be built of stone, brick, terra-cotta and steel construction; cost, \$30,000.

(Continued on page xiv.)

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Easthampton, Mass.—A new school-building to supersede the Central Union Building on School St., is contemplated.

Englewood, N. J.—The Board of Education recommend a large and modern school-building, and steps are being taken to secure the erection of one.

Fargo, N. D.—Gethsemane Episcopal Church has formally accepted plans by Hancock Bros., architects, of this city, for a new church to cost \$20,000. Work is to be begun April 1.

Fort Worth, Tex.—A new building to cost about \$125,000 will be erected by the Masonic Widows' and Orphans' Home, at Arlington Heights. George W. Burroughs, Mayor B. B. Paddock, Hon. A. M. Carter, W. H. Field and C. H. Silliman will superintend the erection.

Harrisburg, Pa.—Addison & Hutton, architects 4th and Chestnut Sts., Philadelphia, are preparing plans for the hospital for insane to be erected in this city by the State. It will be two-story and basement, built of brick and iron, and cost about \$150,000.

Knoxville, Tenn.—Architects Baumann Bros., 612 Gay St., are at work designing plans for a seven-story business-block for Messrs. Wright & Tarwater. The building will be of yellow brick and stone, have steam heat and electric elevators.

Little Falls, N. Y.—On March 8 the citizens will vote on the question of erecting a new school-building, the cost not to exceed \$65,000.

Lowell, Mass.—Architects Stickney & Austin, of this city, are preparing plans for a \$25,000 clubhouse for the Middlesex Women's Club; to be of red brick and light stone trimmings, two-and-one-half stories, 60' x 58', slate roof, combination heating. There will be a banquet-hall, also stage.

Malden, Mass.—The Finance Committee have reported in favor of securing a loan of \$13,000 for the erection of a fire-station and wardrobe on land now owned by the City on Ashland St., Ward 1, and an order to that effect was passed.

Milwaukee, Wis.—Abel & Bach have let contracts for the erection of a factory south of the city, to be occupied by the Western Hardware Manufacturing Co. It will consist of four buildings and will cost complete \$75,000.

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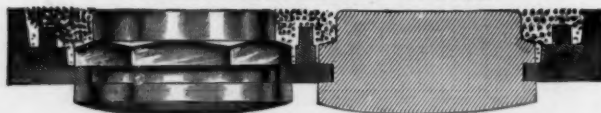
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Missoula, Mont.—The contract for erecting the University and the Science Hall, at this place, is stated to have been awarded to George W. Dildine, at \$51,679.

Montclair, N. J.—Jos. Ireland, Mail and Express Building, New York City, is preparing plans for the new auditorium, to adjoin the present chapel on Fullerton Ave., near Bloomfield Ave., for the First Baptist Church.

New Braunfels, Tex.—The contract for erecting the new court-house here has been awarded to Fisher & Lambie, of Austin, at \$36,000.

New Haven, Conn.—It is stated that the congregation of St. Michael's Italian R. C. Church contemplate erecting a brick and stone church, to cost about \$25,000, Rev. Tietze Lottie, pastor.

Architect Grosvenor Atterbury, of 111 Fifth Ave., New York, is preparing plans for alterations and additions to the Schroll and Keyes College Society building here, to cost \$30,000.

Newton, Mass.—The School Board has petitioned the City Council for the immediate erection of a 12-room brick school-house, at cost of about \$100,000.

New York, N. Y.—Dodge & Morrison, 41 Wall St., have prepared plans for a church and parsonage for the St. Paul Evangelical Lutheran Society, Rev. Gustav H. Toppert, 674 Union Ave., pastor, to be erected on 156th St., near Union Ave. The lot measures 60' x 114'. At present only the church basement with a two-story parsonage, 40' x 60', in rear, to cost \$18,000 will be built.

North Adams, Mass.—It is reported that Geo. N. Rich has decided to build a \$20,000 store and tenement block on the Tyler & Bliss property, Union St. Building will be three stories.

Ottumwa, Ia.—The contract for erecting the high-school building has been awarded to the Northern Building Co., of Minneapolis, Minn., at \$42,319.

Philadelphia, Pa.—Franklin L. Knight & Co. have purchased land near Bala Station, and will erect 45 dwellings.

Pittsburgh, Pa.—It is reported that the W. A. Hoeveler Storage Company will build a new building on the site of their old building, which was destroyed by fire. The new building will be fireproof. The dimensions will be 100' x 275', eight stories high, to cost \$60,000.

Pottsville, Pa.—T. A. Allen & Son are to build a six-story brick-and-iron hotel, to cost \$72,000, on the corner of Centre and Mahantonga Sts.

Rochester, N. Y.—The Board of Supervisors has under consideration plans for the new almshouse hospital; estimated to cost about \$75,000.

Rome, N. Y.—Archimedes Russell, of Syracuse, is taking bids on the four-story brick St. Peter's Convent and Academy, 50' x 90', which the Sisters of the Holy Family will erect at a cost of about \$30,000.

Scranton, Pa.—The Y. M. C. A. will erect a new building to cost \$100,000, to replace the one recently destroyed by fire.

Spokane, Wash.—White & Permain, architects, of this city, have prepared plans for a church for the First Baptist Society. Specifications: red sandstone and mottled pressed-brick, steam-heat, tile roof; \$45,000.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Springfield, Mass.—Report states that the Third Universalist Society contemplate erecting a new church, Rev. Chas. Conklin, pastor in charge.

St. Johns, Mich.—The Congregationalists will erect a \$15,000 church this season, according to reports.

Tuxedo, N. Y.—Hopkin & Koon, of 169 Fifth Ave., New York City, are preparing plans for a handsome residence, to cost about \$60,000, for a New York party.

Ukiah, Cal.—Plans and specifications are wanted March 19 by the Board of Managers of the Mendocino State Hospital; cost, \$58,000. N. N. Cunningham, secretary.

Washington, D. C.—Press reports state that Mr. Appleton P. Clark, Jr., 605 F St., is engaged in preparing the plans for an eight-story apartment-house for the Chr. Heurich Brewing Co. The structure is to be of brick and iron, completely fireproof. Besides a café, it will contain Turkish and Russian bath establishments, billiard-rooms, bowling-alley, a bath, a cafe, and a large hall for public entertainments, so arranged that they will be independent and not interfere with occupants of the apartments; cost, \$250,000.

Waterville, Me.—The trustees of Colby University have voted to erect a chemical laboratory at cost of \$35,000.

Westerly, R. I.—Mrs. F. S. Gardner is to erect a \$7,000 residence on the Watch Hill Road, also a small stable. Plans by Frank W. Wood.

Winsted, Conn.—A committee consisting of W. L. Camp, R. E. Holmes and S. L. Alvord have been appointed by the Second Congregational Society to procure plans and erect a new church on the corner of Main and Spencer Sts.; estimated cost, \$45,000.

Woburn, Mass.—The city has purchased land on Pleasant St. for a school-building site.

Worcester, Mass.—The Belmont Congregational Society will sell their present church edifice and erect a new one, Rev. Mr. Oleson, pastor.

Youngstown, O.—The congregation of the Westminster Presbyterian Church are stated to have decided to erect a new edifice, to cost about \$20,000.

ALTERATIONS AND ADDITIONS.

Charlestown, Mass.—Edgeworth St., No. 11, four-story bk. building, 70' x 120', to be altered and remodelled; \$20,000; o., George D. Fox & Co.; a., Arthur F. Gray, Boston.

Deering, Me.—Arthur F. Gray, architect, Boston, Mass., has prepared plans for the alteration and remodeling of the Casino at Riverton Park, owned by the Portland R. R. Co.; probable cost about \$7,500.

APARTMENT-HOUSES.

Charlotte, N. C.—Two-story bk. flats, 70' x 140', tin roof; \$12,000; o., Frank P. Milburn and J. W. Cobb; a., F. P. Milburn.

Chicago, Ill.—Hermitage St., cor. Lawrence Ave., three-story bk. flats, 45' x 147', gravel roof, steam; \$32,000; o., Jens C. Jensen, 78 La Salle St.; a., Paul Hansen.

Ecobly St., three-story bk. & st. flats, comp. roof, steam; \$8,000; o., Hermann Hofer; a., August Kaiser, 1428 Harvard St.

(Continued on page xvii.)

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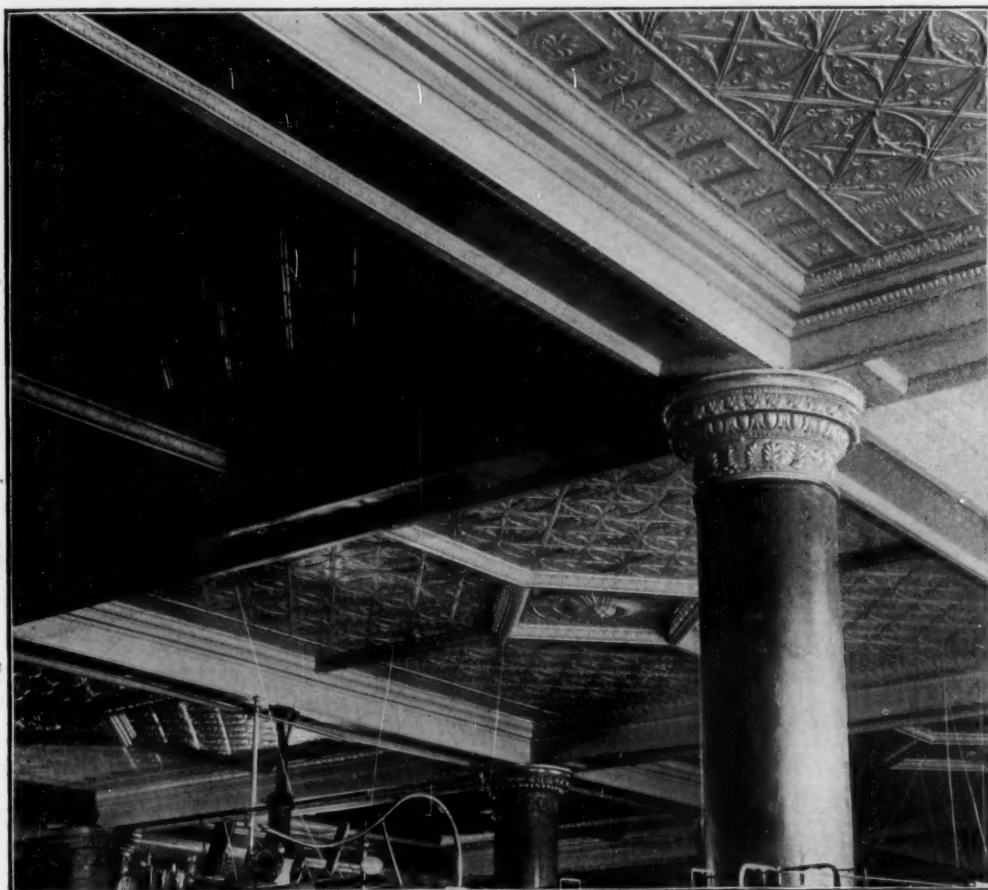


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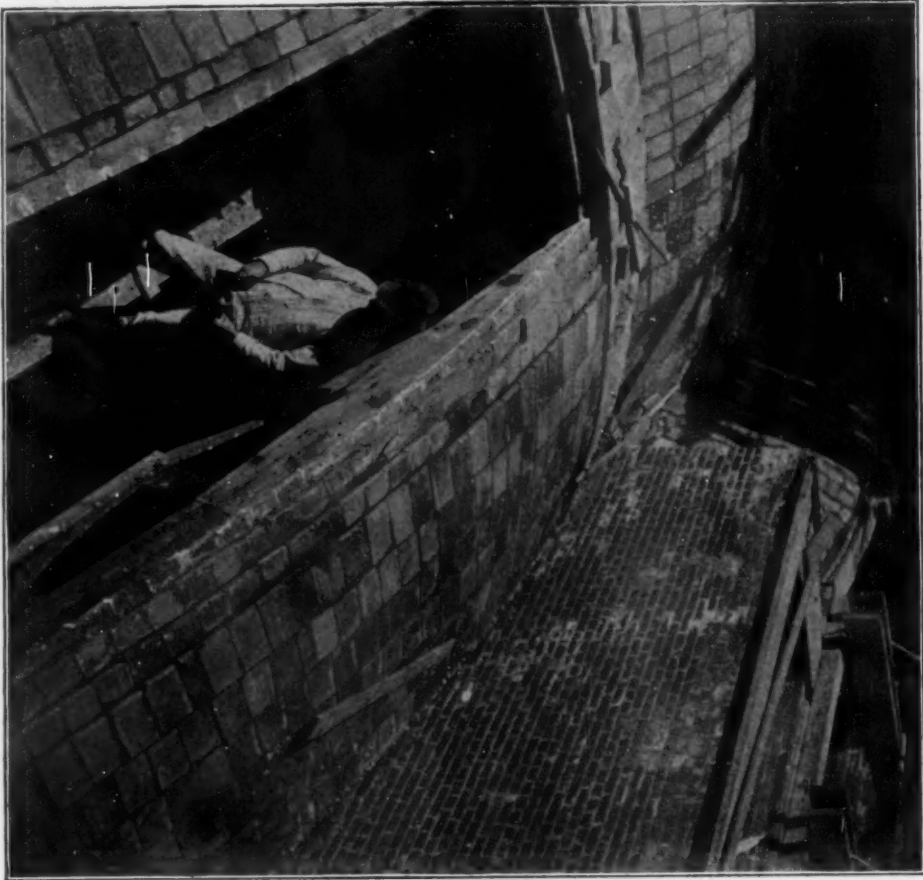
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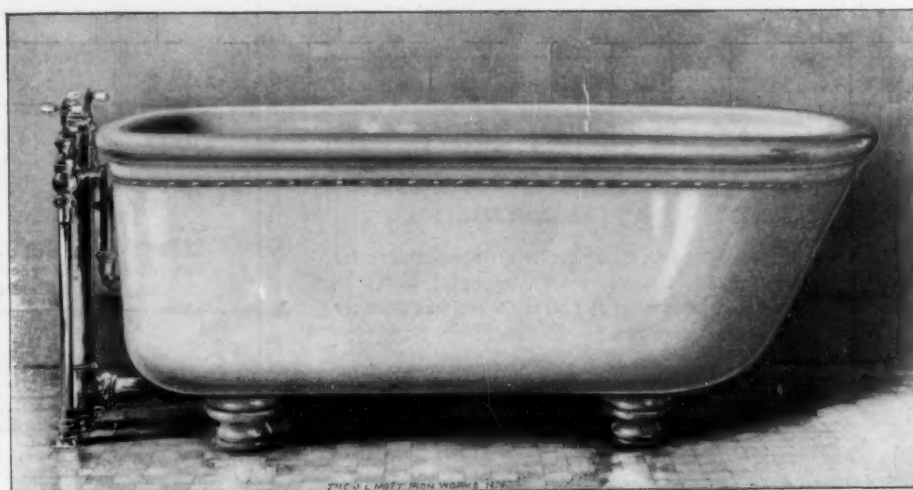
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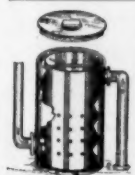
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Fifty-fifth St., Nos. 1034-36, three-st'y bk. flats, 21' x 66'; \$10,000; o. Talbert & Guth; b. Anderson & Peterson; a. A. G. Lund.
Douglas Boulevard, nr. Kedzie Ave., three-st'y bk. flats, 25' x 72', comp. roof, hot water; \$9,000; o. E. Mahan; a. H. I. McMullen, 1680 W. 12th St.
Sixty-third St. and Woodlawn Ave., three-st'y bk. flats, 50' x 150', comp. roof, steam; \$25,000; o. M. C. Blake; a. E. Hill Turnock, 110 Randolph St.
Albany and Dickens Aves., three-st'y & base, bk. & st. flats, 34' x 75', comp. roof, steam; \$15,000; o. E. Landon; a. Madlen & Hielsen, 856 N. California Ave.
Rush and Pearson Sts., four-st'y bk. flats, 23' x 57', comp. roof, steam; \$10,000; o. Henry Ruesser; a. Fred'k Fochringer, 166 Randolph St.
Milwaukee, Wis.—*Milwaukee St.*, No. 655, three-st'y bk. flats; \$11,000; o. Mrs. Margaret Hamilton; a. Charles Fitzgerald.

HOUSES.

Boston, Mass.—*Wald Hill St.*, nr. Hyde Park Ave., Ward 23, two-st'y fr. dwell., 26' x 44', pitch roof, furnace; \$4,500; o. John Griffin; b. D. G. McDonald, 27 Keyes St.
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Phippis Ave., nr. Blue Hill Ave., Ward 20, 10 two-st'y fr. dwells., 33' x 49', pitch roofs, furnaces; \$50,000; o. & b. D. & M. Jamieson, on premises.
Malvern St., nr. Adams St., Ward 24, two-st'y fr. dwell., 26' x 33', pitch roof, furnace; \$4,000; o. & b. J. D. Chute.
Dent St., nr. Ivory St., Ward 23, two-st'y fr. dwell., 30' x 50', pitch roof; \$5,000; o. W. E. Turner; b. G. L. Morrison.
Wellesley Park, nr. Melville Ave., Ward 20, two-st'y fr. dwell., 18' x 37' x 57', pitch roof, furnace; \$4,000; o. James Evans; b. C. W. Allen, 12 Vinson St.
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Washington St., Nos. 3210 to 3216, bk. dwell. & store, 44' x 45' x 55', flat roof, stoves; *Washington St.*, Nos. 3218-26, 5 bk. dwells., 22' x 23' x 44', flat roof, stoves; *Forest Hills St.*, 3 bk. dwells., various dimensions, flat roof, stoves; total cost of above \$60,000; o. John Scheffren, 42 Court St.; a. P. A. Tracy.
Wyman St., nr. Centre St., Ward 22, 2 two-st'y fr. dwells., 24' x 58', pitch roofs, furnaces; \$10,000; o. & b. Walter Curley, 35 Cranston St., Jamaica Plain.
W. Park St., nr. Washington St., Ward 20, two-st'y fr. dwell., 27' x 54', pitch roof, furnace; \$5,000; o. & b. Jacob P. Powers, 583 Broadway, S. Boston.
Intervale St., nr. Blue Hill Ave., Ward 20, two-st'y fr. dwell., 32' x 48', pitch roof, furnace; \$5,000; o. & b. A. C. Chisholm, 100 Devon St.
Austin St., nr. Brookline Ave., Ward 19, two-st'y fr. dwell., 25' x 49', pitch roof, steam; \$5,000; o. L. J. O'Toole; b. John J. Bowers, 65 Dacia St.

BUILDING INTELLIGENCE.

(Houses Continued.)

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Berkley Pl., nr. 8th Ave., 3 three-st'y bk., st. & terra-cotta dwells., 19' x 50'; \$21,000; o. John Afferman, 195 Prospect Pl.; a. W. J. Dilthey, 3 Union Sq., New York City.
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PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., February 24, 1898. Sealed proposals will be received at this office until 2 o'clock P. M., on the 1st day of April, 1898, and opened immediately thereafter for all the labor and materials required for the foundation, superstructure, roof-covering and app. oaches of the United States Custom-house building at Portland, Ore., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Portland, Ore. JAMES KNOX TAYLOR, Supervising Architect. 1159

AUDITORIUM. [At Raleigh, N. C.] Bids are wanted March 14 for the erection of the Auditorium building for the Institution for Deaf,

PROPOSALS.

Dumb and Blind. JOHN E. RAY, Principal of the Institution. 1158

HOME. [At Mattoon, Ill.] Bids are wanted April 1 for constructing the Odd Fellows' Old Folks' Home; also for the steam-heating and plumbing for same. C. M. SYTLE, Secretary Board of Trustees. 1159

HEATING APPARATUS. [At Baltimore, Md.] Proposals will be received at the office of Court-house Commission until 3 P. M., of April 1 for the construction and installation of the boiler-plant, heating and ventilating apparatus, water-supply system, fire-pump, etc., for the new Court-house in

PROPOSALS.

Baltimore City. HENRY D. HARLAN, ROBERT H. SMITH, Sub-committee. 1159

JAIL. [At Grand Haven, Mich.] Bids are wanted March 8 for the erection of a county jail. Separate bids are wanted for hot-water heating. F. J. FOX, Chairman Committee. 1158

COURT-HOUSE. [At Geneseo, N. Y.] Proposals will be received until 3 P. M., March 10, for the labor and materials required in the erection and completion of the masonry and carpentry work of a new Court-house for Livingston County. NEWTON B. GORHAM, Clerk. 1158

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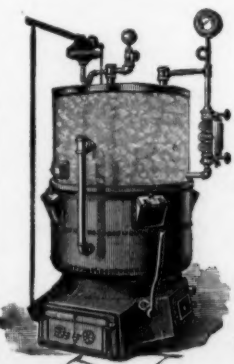
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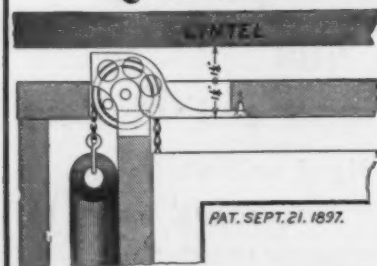
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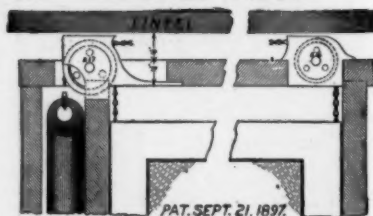
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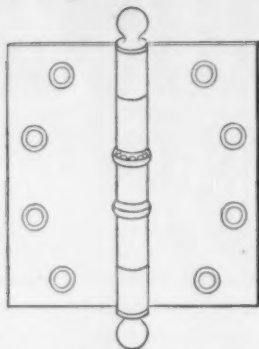
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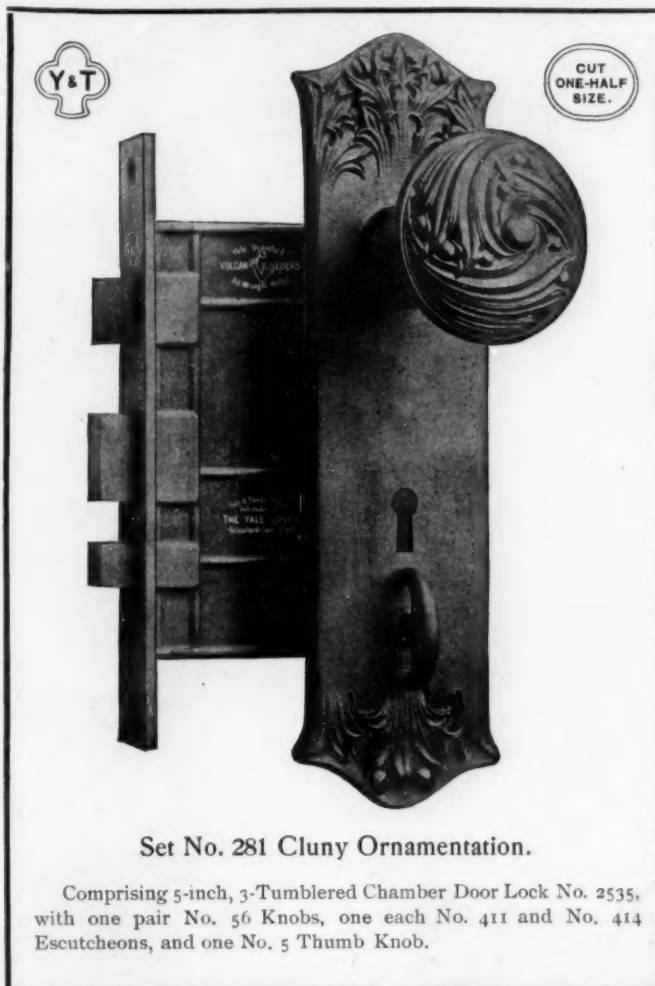
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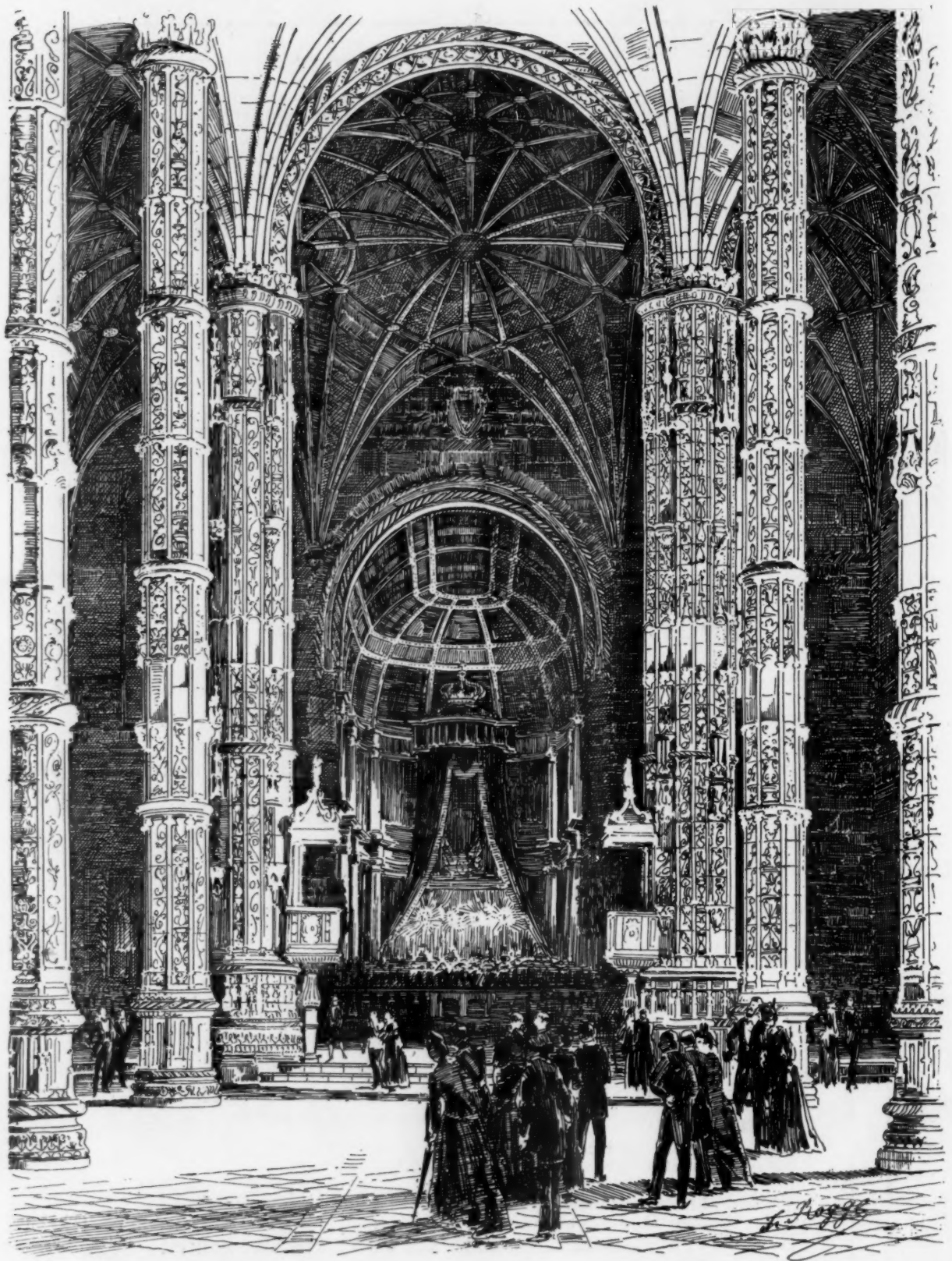
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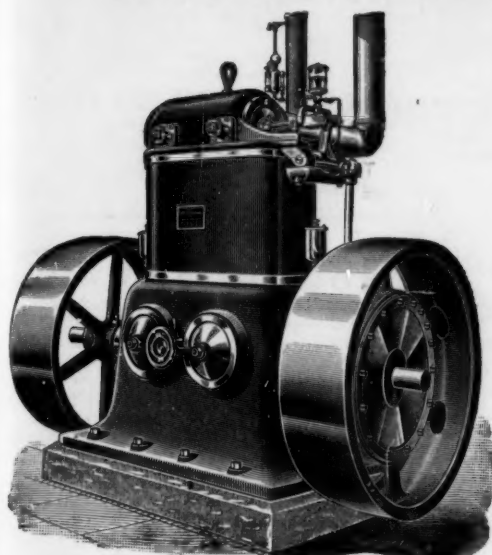
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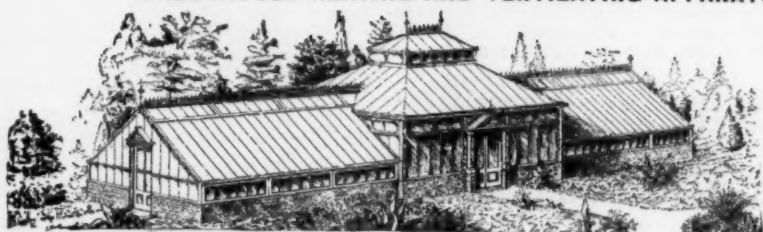
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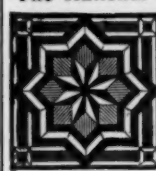
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599,864. BUILDING-BLOCK. — John W. Rapp, New York, N. Y.
599,875. SASH-LOCK. — George A. Stedman, New York, N. Y.
599,897. RADIATOR. — Henry L. Goodwin, New York, N. Y.
599,959. HEAT-REGULATOR. — Jacob K. Gilerest, Des Moines, Ia.
599,985. HEATING APPARATUS. — Benj. F. Jackson, Cambridge, Mass.
599,999. SAFETY-STOP FOR ELEVATORS. — Eugene X. Genoud, Newark, N. J.
600,047. SHUTTER-FASTENER. — John C. Steelman, Linwood, N. J.
600,049. CALIPERS. — Fred A. Thompson, Eureka, Wis.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Abingdon, Ill. — The Methodists contemplate the erection of a new church, to cost about \$12,000. The old building will be torn down to make room for the new structure.
Albany, N. Y. — The contract for building the new Albany Hospital has been awarded to E. Broderick & Son, of Troy, at \$191,300.
Aurora, Ill. — Architect J. T. Fortin, of Chicago, has plans for the Sacred Heart Parish Church, to be constructed in this city. It will be one-story, on the Gothic style, and cost about \$12,000.
Baltimore, Md. — The City Council is stated to have passed an ordinance providing for the expenditure of \$25,000 to construct a house for the hook-and-ladder company.
Baraboo, Wis. — Press reports state that a Methodist Church will be erected at this place, to cost about \$20,000.
Boston, Mass. — Plans have been made for the buildings of the Hub Brewing Co. They will be located on Norfolk Ave., corner of Shirley St., Roxbury, and will comprise the brewing house and the office. The former is to be a five-story fireproof structure of brick, stone and iron, and will be erected by C. A. Dodge & Co., from plans by Otto C. Wolf, of Philadelphia, Pa. It will have a frontage of 92', a rear line of the same length and a depth of 100'. The office will be a one-story brick structure, 22' front and rear and 40' deep.
Camden, N. J. — Thos. Stephen, of Masonic Temple, has prepared plans for a six-story fireproof, Roman mottled brick and terra-cotta front Y. M. C. A. building, 80' x 75'.
The Supervising Architect of the Treasury Department to-day awarded to Rankin & Kellogg, Philadelphia, architects, the contract for making the design and plans of the new Government Building at this place. There were six Philadelphia architects competing for the work.

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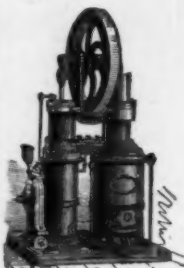
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Columbus, O. — It is now proposed to build a wing to the State-house, to cost about \$450,000, instead of raising the building, as first proposed.

Easton, Pa. — Work has been started by R. & H. Simon on two silk-mills, in addition to their present large plant. One of the mills will be four stories high and the other a one-story structure. The Ingersoll-Sergeant Drill Co. will shortly commence the erection of another large building. The First National Bank Building, in Centre Sq., is to be enlarged by the addition of several stories, and the Drake Building, one of the largest in the city, is also to be enlarged several stories.

Farmer City, Ill. — The Official Board of the Methodist Church is taking steps toward the erection of a \$15,000 church building.

Flushing, L. I., N. Y. — The Trustees of the First Congregational Church are stated to have decided to erect a new edifice, to cost about \$25,000, Dr. French, pastor.

Fort Wayne, Ind. — Press reports state that plans are being prepared for a new school-house to be erected in the 6th Ward, to cost about \$12,000.

Gilroy, Cal. — The School Trustees are reported to have adopted plans for a new high-school building to cost about \$12,000.

Ithaca, N. Y. — The Trustees of Cornell University are considering the advisability of building a dormitory building for the college students.

Kansas City, Mo. — Swift & Co., packers, will erect a new smoke-house at the packing-house in Kansas City, Kan. The building will cover an area of 63' x 186' and will be four stories high. It will cost \$60,000.

Lancaster, Pa. — The Y. M. C. A. intends erecting a three-story and basement brick and stone clubhouse, to contain large gymnasium, reading-rooms, parlor, office and reception-rooms and cost about \$150,000.

Lexington, Ky. — A press report states that County Fiscal Court, on February 28, accepted the plans prepared by Architects Lehman & Schmitt, of Cleveland, O., for the reconstruction of the Court-house. The plans are for a \$150,000 fireproof building.

Louisville, Ky. — The plant of the Louisville branch of the American Tobacco Co., at 24th and Main Sts., destroyed by fire recently, entailing a loss of \$350,000, will be rebuilt immediately.

Malden, Mass. — F. G. Coburn & Co., of Boston, have been awarded the contract for erecting the Glenwood School-house, at \$38,975.

Manchester, N. H. — Chickering & O'Connell have prepared plans for a \$50,000 brick and stone Armory to be erected on Lowell St. by the Blood Estate, of which Frank P. Carpenter and Dr. L. M. French are administrators.

Martinsville, Ind. — The School Board is stated to have decided to erect a new school-building, to cost about \$15,000.

Mt. Oliver, Pa. — The citizens are stated to have decided to erect a new 3-room school-building to cost about \$12,000.

Newport, R. I. — Perkins & Betton, 13 School St., Boston, are preparing plans for a one-story library building for the Newport Historical Society, to cost about \$8,000.

Peabody & Stearns, of Boston, are preparing plans for a \$15,000 residence for Miss Hattie Gamble, of Providence.

Newport News, Va. — Press reports state that Winston Bros., of Chicago, will erect a theatre in this city, to cost about \$80,000.

New York, N. Y. — In response to the appeal of the University Settlement Society for funds to erect a new building, \$25,000 has been subscribed. The building will cost \$90,000, and work will be begun at once, the society being confident of further contributions.

Niagara Falls, N. Y. — Orchard & Joralemon, architects, have drawn plans for an opera-house and hotel, to be erected in this city by the Park Theatre Company, at a cost of about \$600,000.

Peoria, Ill. — The German Baptists will erect a new church on the corner of 4th and Fisher Sts.

Philadelphia, Pa. — Chas. M. Burns has completed plans for a parish house for the Church of the Annunciation, 12th and Diamond Sts. The plans show a brick building, 30' x 90', three stories high.

Portland, Ore. — A press report states that the Board of Trustees of Good Samaritan Hospital are having plans prepared for a new building, to cost about \$200,000.

Racine, Wis. — Plans for a new building for St. Catherine's Academy have been drawn by E. Briemaler & Sons, 602 Second St., Milwaukee. It will be 48' x 60', three stories high, constructed of brick, and will cost about \$20,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Reading, Pa. — Report states that an extension is to be built to the Boys' High School, to cost about \$25,000.

Richmond, Va. — Jno. H. Coxhead, 834 Elliott St., Buffalo, N. Y., is preparing plans for a brick and stone university building for the Am. Baptist Home Mission.

Ridgway, Pa. — The plans of Chas. M. Robinson, of Altoona, for a \$50,000 brick and stone County Home and Insane Asylum for Elk County have been accepted.

Rockland, Ill. — The Church of the Holy Nativity is preparing to erect a large edifice.

San Francisco, Cal. — The parish of the Holy Cross is to have a new place of worship. The old building has already been removed and the work of rebuilding will commence in the near future. The structure is to be of brick, granite and Colusa sandstone, and will cost at least \$50,000. The lot is 61' x 138'.

Savannah, Ga. — Local papers state that the Cathedral recently burned here will be rebuilt, at a cost of \$100,000. E. F. Baldwin, of Baltimore, Md., is the architect.

Scottdale, Pa. — The First Presbyterian congregation are arranging to build a new church to cost from \$18,000 to \$20,000.

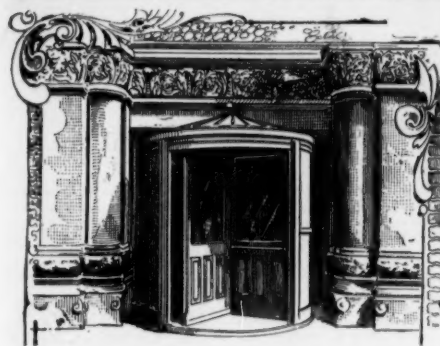
Seattle, Wash. — John Noyes will have erected on the corner of 1st Ave. and Madison St. a brick business block, seven stories high, on a lot 60' x 111'; estimated cost, \$75,000.

Springfield, Mass. — B. Hammett Seabury has prepared plans for a four-story brick and stone business-block to be erected on Bridge St., for W. D. Kinsman.

Waterbury, Vt. — It has been voted to appropriate a sum not exceeding \$20,000 for the purpose of erecting a new school-building.

Waukesha, Wis. — It is reported that plans are being prepared by C. C. Anderson, architect, for a

(Continued on page xiv.)



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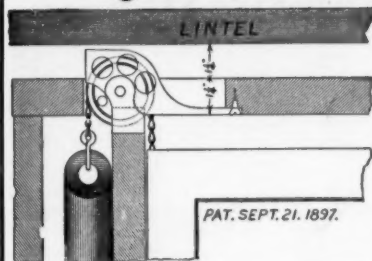
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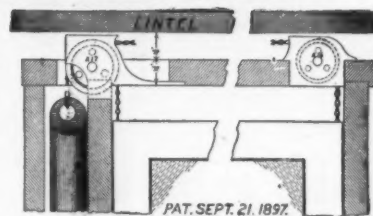
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

new high school to be erected here, to cost about \$25,000.

West Superior, Wis.—Plans are being prepared by Carl Wirth, Keystone Block, for a new school-building, to cost about \$10,000.

Whitinsville, Mass.—Norcross Bros., of Worcester, have been awarded the contract for the erection of the Congregational Church, at \$88,754; architects, Shepley, Ratan & Coolidge, Boston; Edw. Whitin is Chairman of the Building Committee.

Wilkinsburg, Pa.—The contract for erecting the new 3d Ward school-building is stated to have been awarded to Lytle Bros., at \$40,000.

Wilmington, Del.—The Sisters of the Visitation are having plans prepared for a three-story brick building by Geo. L. Lovatt, architect, 424 Walnut St., Philadelphia, Pa.

Woburn, Mass.—A site has been selected for the new high school by the School Board. \$100,000 has been appropriated and a building to accommodate 500 pupils is contemplated.

Woodville, Pa.—Plans prepared by F. J. Osterling, architect, of Pittsburg, Pa., are stated to have been accepted for the new County Insane Asylum to be erected here, to cost about \$200,000.

Worcester, Mass.—Architects Barker & Nourse are preparing plans for a Y. M. C. A. building to be erected at Gardner. No contracts let.

Architects Geo. and J. P. Kingston are preparing plans for a double residence to be erected on German St., for Mrs. W. A. Smith, of 3 May St.

Architect Geo. H. Clemence is preparing plans for a three-story frame dwelling to be erected on Paine St., for W. A. Burton.

Ypsilanti, Mich.—Preliminary plans have been drawn by W. D. Butterfield & Co., Home Bank Building, Detroit, for the new edifice which will be built by the Methodist Episcopal Society to replace the present structure at Lincoln and Putnam Aves. The building will be 90' x 112' in dimensions, constructed of brick and stone, and will cost approximately \$30,000.

ALTERATIONS AND ADDITIONS.

Boston, Mass.—Camal St., cor. Friend St., Ward 6, addition to brick building of three stories, 56' x 145'; \$50,000; o., American Express Co.; b., L. P. Soule & Co., a., Winslow & Wetherell.

APARTMENT-HOUSES.

Boston, Mass.—Henchman St., nr. Charter St., Ward 6, four-sty' bk. flats, 31' x 35', flat roof, stoves;

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Banks & Biddle, Phila.; Frank Hill Smith, Boston; A. H. Davenport, Boston.

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(Apartment-Houses Continued.)

\$10,000; o., A. M. Pettine; b., M. J. Orr; a., O. A. Thayer, 218 Tremont St.

Chicago, Ill.—Washington Boulevard, No. 2016, three-sty' & b.-so. st. flats, 25' x 60', flat roof, hot water; \$10,000; o., A. Glanville, 570 W. Harrison St.; a., J. T. Fortin.

Hoyne Ave., nr. North Ave., three-sty' bk. & steel-fr. flats, 48' x 60', flat roof, steam; \$15,000; a., Wm. Arthur Bennett, 313 Unity Building.

Cleveland, O.—Hancock and Detroit Sts., three-sty' bk. flats, 50' x 75', flat roof, steam; \$19,000; arch., H. J. Harks, New England Building.

Cedar and S. Logan Aves., three-sty' fr. & bk. flats, 60' x 110', flat roof, steam; \$26,000; o., George H. Matchett, 93 Burt St.

New York, N. Y.—Goerck St., Nos. 107 & 2 live-sty' & base. bk. & brownst. flats, 25' x 88'; \$36,000; o., Henry Brannich, 315 Stanton St.; a., Chas. Kentz. Sixth St., Nos. 640 & 642, six-sty' bk. st. & terra-cotta flats & store, 42' x 83'; \$35,000; o., Harry Fischel, 215 E. Broadway; a., Horenburger & Straub, 122 Bowery.

One Hundred and Sixteenth St., cor. Morningside Ave., 2 six-sty' bk. & st. flats, one 60' x 75' the other 40' x 86'; \$200,000; o., Elizabeth Moore, 81 Morningside Ave.; a., Neville & Bagge.

Henry St., No. 91, six-sty' bk., st. & terra-cotta flats & store, 25' x 100' 10'; \$25,000; o. & b., Polstein & Feinberg, 200 Henry St.; a., M. Bernstein.

Sixth St., Nos. 640-2, six-sty' bk., st. & terra-cotta flats, 42' x 83' 6"; \$35,000; o., Harry Fischel, 215 Broadway; a., Horenburger & Straub.

Madison St., Nos. 242-246, 2 six-sty' bk., st. & terra-cotta flats & stores, 32' x 90'; \$60,000; o., Polstein & Fanberg; a., M. Bernstein.

St. Louis, Mo.—Twenty-third St., s e cor. 23d & Cass Sts., two-sty' bk. flats; \$5,000; o., H. Pettker.

CHURCHES.

Long Island City, N. Y.—One Island City R. O. Church, Rev. Theo. T. McGroven, pastor; a., Ing'e & Almira, 874 Broadway, New York City.

CLUB-HOUSES.

New York, N. Y.—Seventh Ave., bet. 53d & 54th Sts., three-sty' & base. bk. & st. club-house, 25' x 95'; \$18,000; o., Caledonian Club; a., Alfred H. Taylor, 18 W. 34th St.

EDUCATIONAL.

Cleveland, O.—Gilbert St., three-sty' bk. school, 42' x 48', slate roof, steam; \$34,500; o., City; a., F. S. Barnum, New England Building.

St. Louis, Mo.—Flad and Vandeventer Aves., three-sty' bk. & st. steel-fr. fireproof school, 100' x 150', tile roof, fan system; \$60,000; o., City; a., Wm. B. Ittner.

Grove St. and Florissant Ave., three-sty' bk., st. & steel school, 103' x 145', tile roof, fan system; \$60,000; o., City; a., W. B. Ittner, 9th & Locust Sts.

FACTORIES.

St. Louis, Mo.—Chouteau St., n s, bet. 18th & 21st Sts., six-sty' bk. tobacco factory; \$10,000; o., Brown Tobacco Co.

HOUSES.

Bay Shore, N. Y.—2½-sty' bk. & fr. dwell., 38' x 60', & ell, 20' x 50'; \$25,000; o., J. Adolph Mollenhauer, Kent Ave. & S. 11th St., Brooklyn; a., Youngs & Cornell, 281 Fourth Ave., New York City.

Boston, Mass.—Hampden St., Nos. 196-202, Ward 13, three-sty' bk. dwells., various dimensions, flat roofs, stoves; \$16,000; o. & b., Andrew F. McDermott, 204 Hampden St.

Anderson St., Nos. 20-22, Ward 11, 2 four-sty' bk. dwell., 20' x 38', flat roof, stoves; \$10,000; o., Morris Seegal, 82 Brighton St.; b., Zimmin & Seegal.

Anderson Pl., Nos. 1-2, Ward 11, 2 four-sty' bk. dwells., 19' x 21' x 33', flat roofs, stoves; \$10,000; o., Morris Seegal; b., Zimmin & Seegal.

Brooks St., cor. Morris St., Ward 1, three-sty' fr. flats, 21' x 43', flat roof, stoves; \$4,000; o. & b., J. Goldinger, 165 Meridian St.

Caramel St., No. 2, Ward 19, three-sty' fr. dwell., 26' x 37', flat roof, stoves; \$5,000; o. & b., J. C. Spillane, 8 Cobden St.

Morris St., nr. Brooks St., Ward 1, 2 three-sty' fr.

BUILDING INTELLIGENCE.

(Houses Continued.)

dwell., 21' x 43', flat roofs, stoves; \$8,000; o., Jos. Goldinger, 165 Meridian St., E. Boston.

Brooks St., nr. Morris St., Ward 1, 3 three-sty' fr. dwells., 21' x 43', flat roofs, stoves; \$12,000; o. & b., J. Goldinger.

Brooks St., cor. Chelsea St., Ward 1, three-sty' fr. dwell. & store, 21' x 58', flat roof, stoves; \$4,000; o. & b., J. Goldinger.

Colonial Ave., nr. Talbot St., Ward 24, two-sty' fr. dwell., 28' x 60', pitch roof, furnace; \$6,000; o. & b., Sundberg & McAuley, 15 Chapman Ave., Dorchester.

Mozart St., nr. South St., Ward 23, two-sty' fr. dwell., 28' x 35', pitch roof, hot water; \$4,000; o., Albert Ludlam; b., L. E. Cobb, Hyde Park.

Kilton St., nr. Harvard St., Ward 20, 2 three-sty' fr. dwells., 36' x 36', pitch roofs, furnaces; \$7,000; o., Flora Cook; b., James Cook, 38 Everett Road, Dorchester.

E. Ninth St., nr. Dorchester St., Ward 15, 2 three-sty' fr. dwells., 22' x 44', flat roofs, stoves; \$8,000; o. & b., Daly Bros., 271 E. 8th St.

Waldeck St., nr. Park St., Ward 20, two-sty' fr. dwell., 24' x 51', pitch roof, furnace; \$4,000; o., Geo. W. Russell; b., John A. Block, 9 Longfellow St.

Calumet St., nr. Hillside St., Ward 19, two-sty' fr. dwell., 22' x 51', pitch roof, stoves; \$5,000; o., Bridges & Riley, Parker St., Roxbury; b., Alcock & McKay, Allston.

Gore St., nr. Terrace St., Ward 19, three-sty' fr. dwell., 22' x 43', flat roof, stoves; \$4,000; o. & b., M. J. O'Brien, 805 Parker St.

L St., Nos. 149-55, Ward 14, 4 three-sty' fr. dwells., 26' x 38', flat roofs, stoves; \$15,000; o. & b., Watson & Waite, 536 First St.

Burrell St., nr. Clifton St., Ward 17, 2 three-sty' fr. dwells., 26' x 48' & 28' x 53', flat roofs, stoves; \$9,000; o., Charles M. Titus, 14 Clifton St.; b., I. G. Hamilton.

Allegheny St., nr. Calumet St., Ward 19, two-sty' fr. dwell., 24' x 48', pitch roof, stoves; \$4,700; o., Thomas O'Leary; b., Nell Campbell.

Quincy St., cor. Clarkson St., Ward 20, 3 two-sty' fr. dwells., 25' x 46', pitch roofs, furnaces; \$12,000; o., Annie Chisholm; b., Hugh Chisholm, 84 Clarkson St.

Milton Ave., nr. Armandine St., Ward 24, two-sty' fr. dwell., 28' x 46', pitch roof, furnace; \$4,000; o. & b., A. L. Burgess, 47 Milton Ave.

Poplar St., nr. Washington St., Ward 23, two-sty' fr. dwell., 28' x 38', pitch roof, hot water; \$4,000; o., Albert Ludlam, 117 Elliot St.; b., L. E. Cobb, Hyde Park.

Arundel St., nr. Centre St., Ward 23, two-sty' fr. dwell., 28' x 38', pitch roof, hot water; \$4,000; o., Charles Ludlam, 117 Elliot St.; b., L. E. Cobb.

Brooklyn, N. Y.—Gates Ave., bet. Franklin & Clason Aves., 3 three-sty' st. dwells., 29' x 68'; \$36,000; o. & b., John Gordon, on premises.

Cohasset, Mass.—Two-sty' fr. dwell.; \$7,500; o., Charles L. James, 4 Liberty Sq., Boston; a., George F. Newton, Boston.

Dobbs Ferry, N. Y.—2½-sty' fr. dwell.; \$10,000; o., J. R. Slack; a., Morgan O'Brien, Grand Central Station, New York City.

New Rochelle, N. Y.—Guion St., 2½-sty' fr. dwell., 32' x 42'; \$6,500; o., Mrs. R. P. Fallon; a., Palliser, Palliser & Co., 237 E. 44th St., New York City.

New York, N. Y.—Eighty-eighth St., nr. Columbus Ave., 11 three-sty' bk., st. & terra-cotta dwells., various dimensions; \$135,000; o. & b., A. B. Knight, 102 W. 81st St.

St. Louis, Mo.—McPherson Ave., nr. Taylor Ave., three-sty' bk. dwell., 44' x 49', flat roof, hot water; \$15,000; o., Mrs. Joel Wood; a., Weber & Groves, 509 Olive St.

McPherson Ave., nr. Boyle Ave., two 2½-sty' bk. dwells., 37' x 58', slate roof, hot air; \$20,000; o., Mrs. A. K. Humphrey, 4229 Westminster Pl.; a., O. K. Humphrey.

Cote Brilliante St., s s, bet. Union & Arlington Sts., 2 two-sty' bk. dwells.; \$6,000; o., J. L. Cameron.

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Shenandoah St., s s, bet. Klemm & Tower Grove

(Continued on page xvii.)

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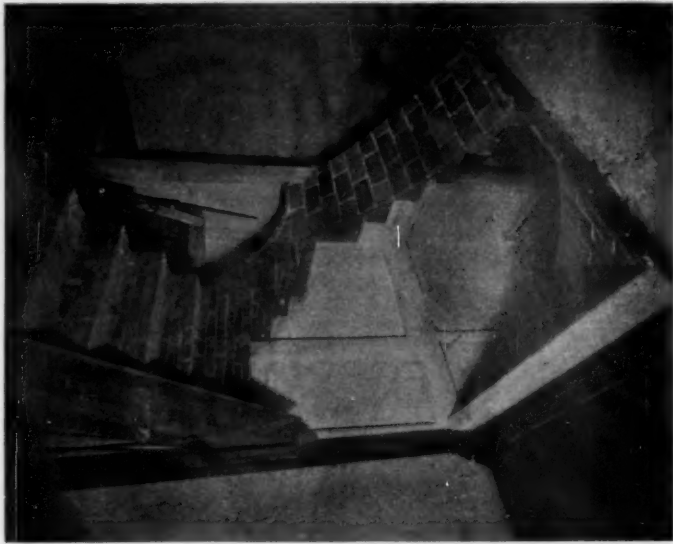
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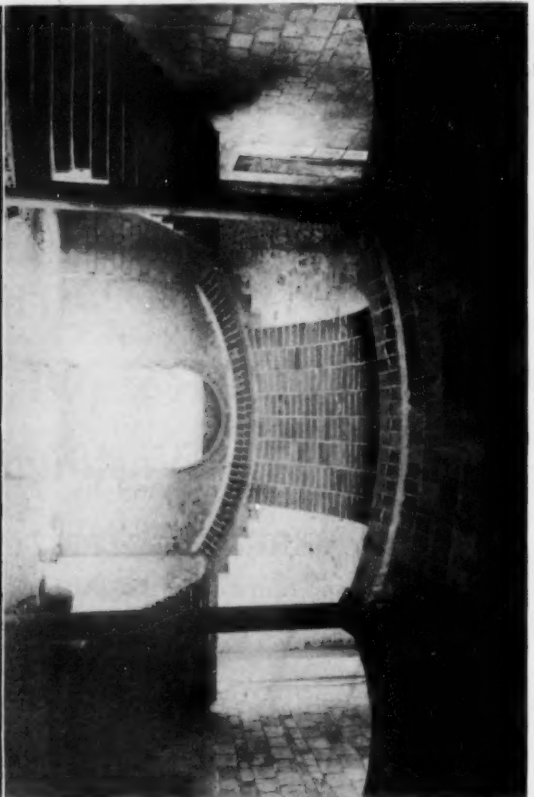


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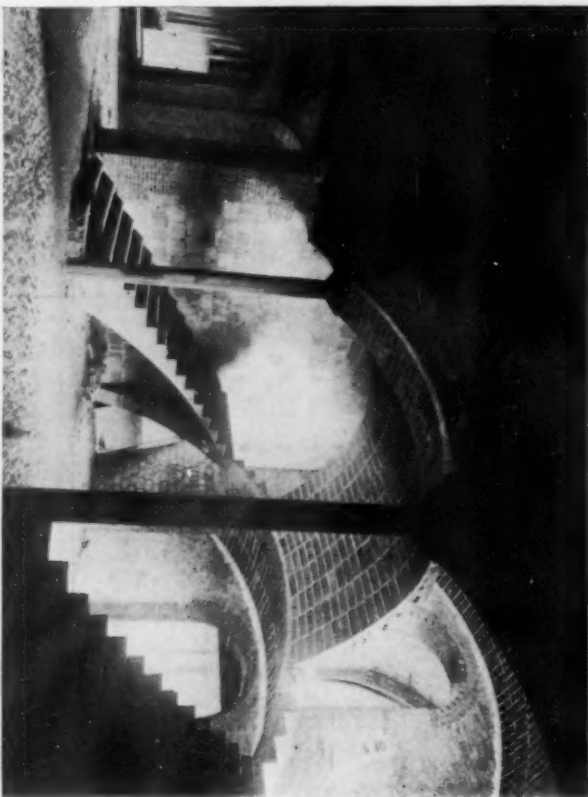
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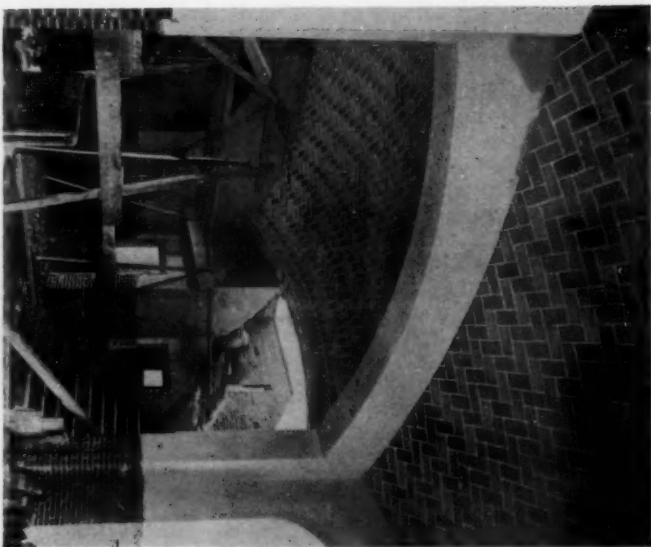


2.



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No. 3. Same staircase as No. 2. Side view.

No. 4. Main staircase of a leading New England library.

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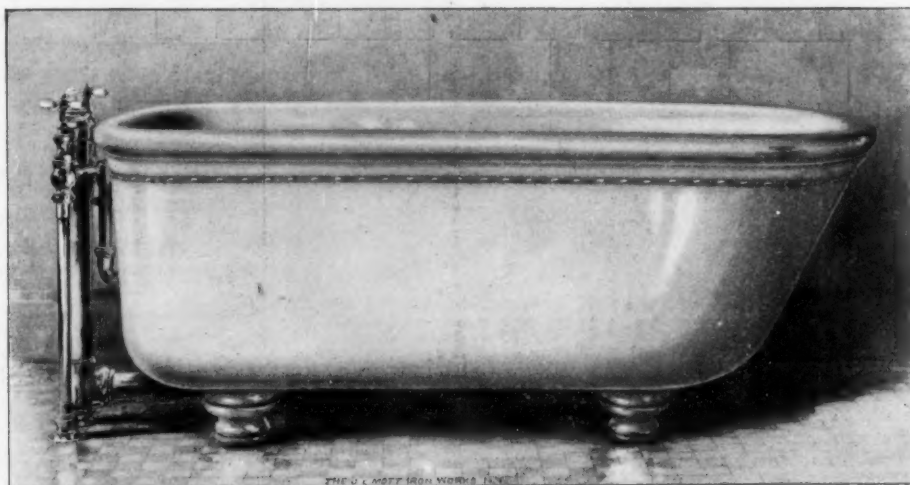
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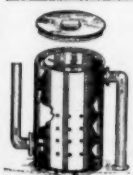
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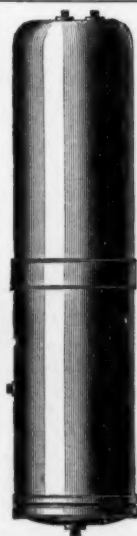
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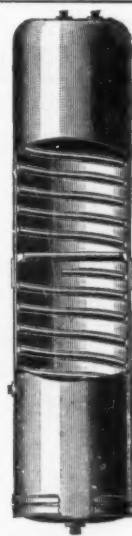
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Worcester, Mass.—Channing St., two-st'y fr. dwell., 26' x 58'; \$5,500; o., W. Roberts; day work. Grafton St., three-st'y fr. dwell.; \$6,000; o., J. A. Riralt; a., J. Wm. Patston; o., J. A. Courtmanche.

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Cleveland, O.—Erie St., cor. Prospect St., nine-st'y bk. & st. steel-fr. store & office building, 184' x 243', flat roof, steam; \$785,000; o., Benjamin Rose; a., George H. Smith, 29 Euclid Ave.

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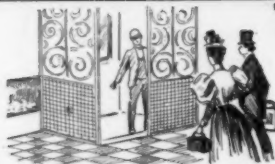
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PROPOSALS.

the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Portland, Ore. JAMES KNOX TAYLOR, Supervising Architect. 1159

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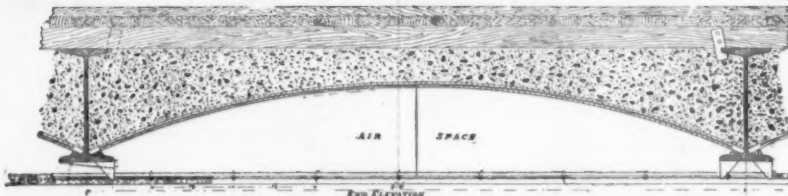
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
(Wholesale Prices.) (Prices to Builders and Contractors.)				
BRICK. — P. M.				
Common: Cargo afloat.				
Pale.....	3 00 @ 3 50			
Jersey.....	5 50 @ 5 50			
Long Island.....	5 50 @ 5 75			
Up River.....	6 00 @ 6 00			
Haverstraw Bay 2d.....	6 25 @ 6 25			
1st.....	7 00 @ 7 25			
Hollow.....	10 50 @ 11 00			
Fronts:				
Croton, Brown.....	12 00 @ 12 00			
" dark.....	12 00 @ 12 00			
" red.....	12 00 @ 12 00			
Chicago pressed.....	37 00 @ 41 00			
" Moulded.....	19 00 @ 21 00			
Baltimore.....	17 00 @ 18 00			
Philadelphia.....				
Trenton.....				
Milwaukee.....				
Moulded:				
Red Pressed.....	20 00 @ 20 00			
Ruff.....	27 00 @ 27 00			
Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 110 00			
CEMENT, LIME, etc. (P. M.)				
Rosendale Cement.....	80 @ 85	95 00 @ 1 00		
Louisville.....	Not sold.			
Utica, Akron, Buffalo, Milw'ke.	2 25 @ 2 50			
Portland, Eng. (Gibbs).....	2 50 @ 3 00			
" (K. B. & S.).....	2 25 @ 2 50			
" (Black Cross).....	2 50 @ 2 50			
" (Burnham).....	2 50 @ 3 00			
" (White's).....	3 60 @ 3 75			
French (Lafarge).....	2 90 @ 3 25			
Ger. (Alsen).....	2 25 @ 2 40			
" (Fowler).....	2 50 @ 2 90			
" (Vorwoller).....	2 75 @ 3 00			
" (Dyckerhoff).....	2 75 @ 3 00			
" (Hanover).....	2 35 @ 2 45			
" Stettin, (Anchor).....	2 75 @ 3 00			
Roman.....	4 25 @ 4 75			
Keene's coarse.....	6 50 @ 6 50			
" superfine.....				
Lime:				
Lime of Tell.....	4 00 @ 4 00			
Hydraulic Lime.....	1 45 @ 1 45			
Chicago Lime in bulk.....	St. John			
Wisconsin Lime.....	75 @ 75			
Rockland and Rockport, (Com.)	85 @ 85			
Rockland, finish.....				
Kelley Island Lime, finish.....	70 @ 70			
State, Com. cargo rates.....	1 70 @ 1 70			
Plaster of Paris (calcined).....	1 30 @ 1 40			
" (casting).....	1 50 @ 1 50			
Hair (cattle) P. M.	14 @ 16			
" (Goat).....	18 @ 21			
Sand, P. M.	1 00 @ 1 25			
Domestic Com.				
8 50 @ 9 50				
Domestic Face	15 00 @ 25 00			
Philadelphia	35 00 @ 40 00			
10 00 @ 11 00				
Phila. mould	50 00 @ 50 00			
Enamelled B'k.				
Imported				
Enam. (edge)	105 00 @ 120 00			
" (edge & end)	120 00 @ 135 00			
Domestic				
Enam. (edge)	90 00 @ 100 00			
" (edge & end)	110 00 @ 115 00			
Building 4 50				
sewer add 1.00				
hollow, add 1.25				
Enam. Imp. Bk.	125 00 @ 145 00			
Enam. Domes.	70 00 @ 85 00			
Select Red Sand				
Mold.....10 00				
St. Louis Hyd'ic				
Press.....27 00				
Collinsville, do				
.....22 00				
Findlay, do 22 00				
Chicago, do				
assorted shades	16 00 @ 20 00			
Chicago, do				
Brown.....24 00				
Chicago, do Red				
Roman.....24 00				
Chicago, do Br'n				
Roman.....27 00				
Bushnell Buff				
.....25 00				
Not sold.				
75 @ 1 00				
75 @ 1 00				
2 50 @ 2 00				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
3 75 @ 4 25				
2 90 @ 3 20				
2 60 @ 2 90				
3 10 @ 3 30				
2 75 @ 2 90				
2 85 @ 3 00				
2 75 @ 3 25				
6 00 @ 7 00				
9 00 @ 10 00				
White Lime P. M.				
25 @ 30				
White Mash				
1 25 @ 1 50				
1 00 @ 1 00				
Not sold.				
1 50 @ 1 75				
1 75 @ 1 90				
1 2 @ 20				
30 @ 25				
30 @				

THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

VOL. LIX. — No. 1160.]

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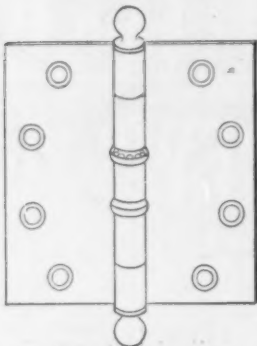
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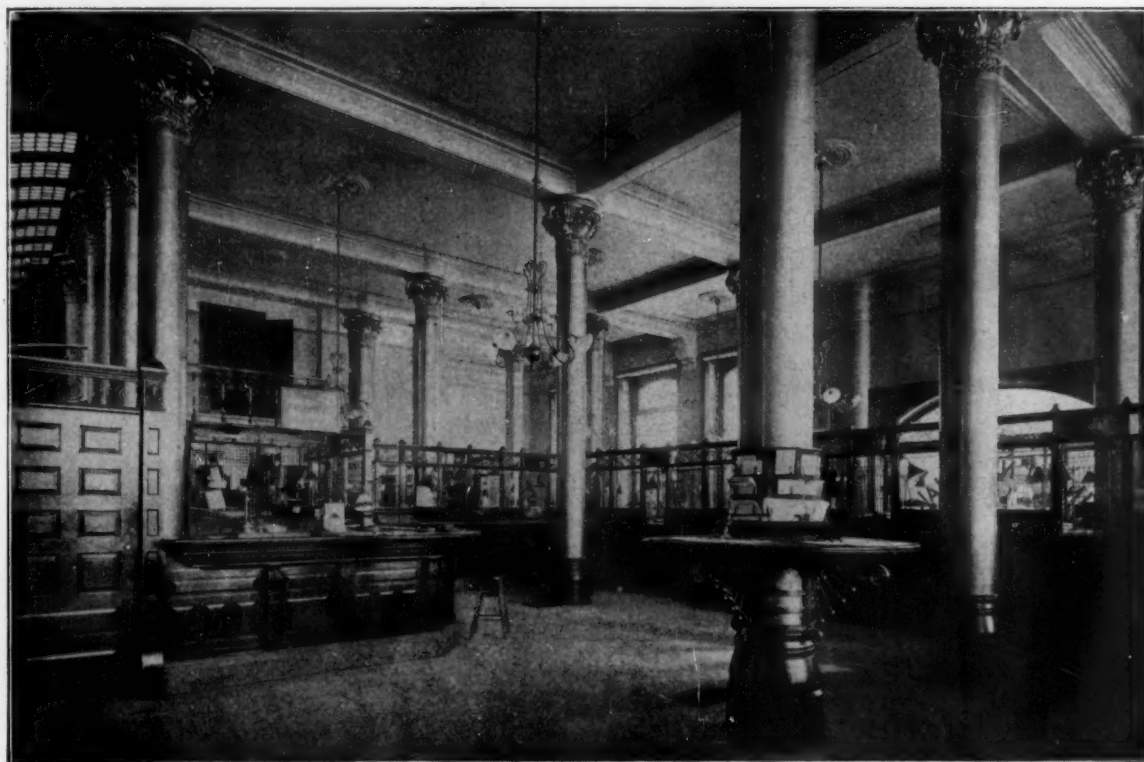
BUILDING MATERIALS **New York.** **Boston.** **Chicago.** **Philadelphia.**

	(Wholesale Prices.)		(Prices to Builders and Contractors.)	
STONE. (P cubic foot, rough.)				
Foundation:				
Dimension.....	5 00 P ton.		20 @ foot	5 00
Block.....	4 80 P perch.		10 00 @ cord	Conshocken 1 45 @ 2 50
Rubble.....	1 25 @ 1 50		9 00 @ "	
Sandstone:				
Longmeadow.....	80 @ 90			95 @ 1 05
Kibbe.....	90 @ 1 10			1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 1 30		1 50 P cub. ft.	85 @ 95
Amherst Ohio.....	90 @ 1 00		45 @ 55	55 @ 75
Berea ".....	75 @ 1 00		45 @ 55	85 @ 95
Berlin ".....	75 @ 1 00		45 @ 55	1 00 @ 1 10
Belleville.....	80 @ 1 25		@ 1 25	1 05 @ 1 15
New Brunswick (Dorchester).....	1 00 @ 1 30		Not sold.	@ 1 40
Potadam Red.....	1 30 @ 1 40		@ 1 55	1 25 @ 1 35
Caen.....	@ 2 00			95 @ 1 05
Carlisle, English.....	@ 1 05			95 @ 1 05
Corse Hill (Scotch).....	@ 1 05			95 @ 1 05
Granite: (Maine)	@ 60		80 @ 1 50	55 @ 65
Limestone:				
Bedford.....	45 @ 1 25		20 @ 40	75 @ 85
Joliet.....	1 00		@	Richmond 75 @ 1 50
Lemont.....			@	P Perch 4 50 @ 5 50
Serpentine.....		10 50 per ton.	@	
Bluestone: (P sq. ft.)			cub. ft.	
Sidewalk.....	30 @ 5 00	40 @ 1 75	1 00 @ 1 25	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	@ 75	1 00 @ 1 25	37 @ 50
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@ 3 00		3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@		Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@		@ 4 40	2 50 @ 2 75
" Sienna.....	@		Not sold.	@ 5 00
Tennessee, red.....	@		@ 4 40	4 00 @ 6 00
" Knoxville.....	@		@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@		Not sold.	2 00 @ 3 00
Vermont, white.....	@		3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square)				
Green.....	5 00 @ 6 00	4 75 @ 5 25	3 75 @ 5 00	2 90 @ 3 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 25 @ 5 00
Purple.....	5 00 @ 6 00	5 50 @ 6 50	5 25 @ 6 00	4 50 @ 5 50
Red.....	@ 10 00	10 00 @ 11 00	10 50 @ 12 50	11 50 @ 13 00
Black, Lehigh.....	4 25 @ 4 75	@	4 50 @ 5 50	4 00 @ 4 35
" Chapmans.....	@	@	5 30 @ 6 15	4 50 @ 5 00
Genuine Bangor.....	4 35 @ 5 50	4 75 @ 5 90	5 25 @ 6 50	4 35 @ 5 50
Unfading black.....	6 00 @ 8 50	6 00 @ 8 50	4 25 @ 8 95	6 50 @ 9 00
" ".....	5 50 @ 8 00	5 50 @ 8 00	5 50 @ 9 20	6 50 @ 9 00
Tiles, Am..... P M.	@	@	Salt-glazed tiles	@ 28 00
N. Peach Bottom, war. unfading	@	@	9 75 sc. per ft.	5 75 @ 6 25
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	6 00 @ 6 50	8 60 @
LUMBER. — P M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	55 00 @ 70 00	50 00 @ 60 00	47 50 @ 60 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	42 00 @ 50 00	38 00 @ 48 50
" 3d quality.....	18 00 @ 22 00	30 00 @ 40 00	20 00 @ 28 00	27 50 @ 36 50
Spruce.....	@ 25 00	11 00 @ 17 00	Not sold.	15 00 @ 21 50
Hemlock.....	ea13j @ 14	12 00 @ 14 00	10 00 @ 12 00	11 50 @ 13 75
Yellow pine.....	20 @ 40	20 00 @ 35 00	18 00 @ 25 00	14 00 @ 29 00
Cypress.....	@	28 00 @ 40 00	30 00 @ 35 00	30 00 @ 38 00
Clapboards:				
Pine.....	@	38 00 @ 50 00	25 00 @ 30 00	14 00 @ 25 00
Spruce.....	@	24 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	14 50 @ 16 00	15 00 @ 25 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	12 50 @ 15 00	Not sold.	15 00 @ 21 50
Hemlock.....	15 00 @ 21 00	17 00 @ 25 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	@	@	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood	2 25 @ 2 50	2 25 @ 2 50	1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....	1 80 @ 2 25		Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 60 @ 2 75	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 1 75	Not sold.	
Redwood..... P 125.	1 40 @ 1 60	3 00 @ 3 75	4 60 @ 6 00	
Cedar split..... P M.	@	@ 6 00	Not sold.	
Cedar sawed.....	@	2 00 @ 3 25	2 50 @ 2 90	30 1/2 8 @ 40
Cypress. Split..... 7 x 24 "	18 00 @ 20 00	5 00 @ 6 00	@	20 1/2 35 @ 14

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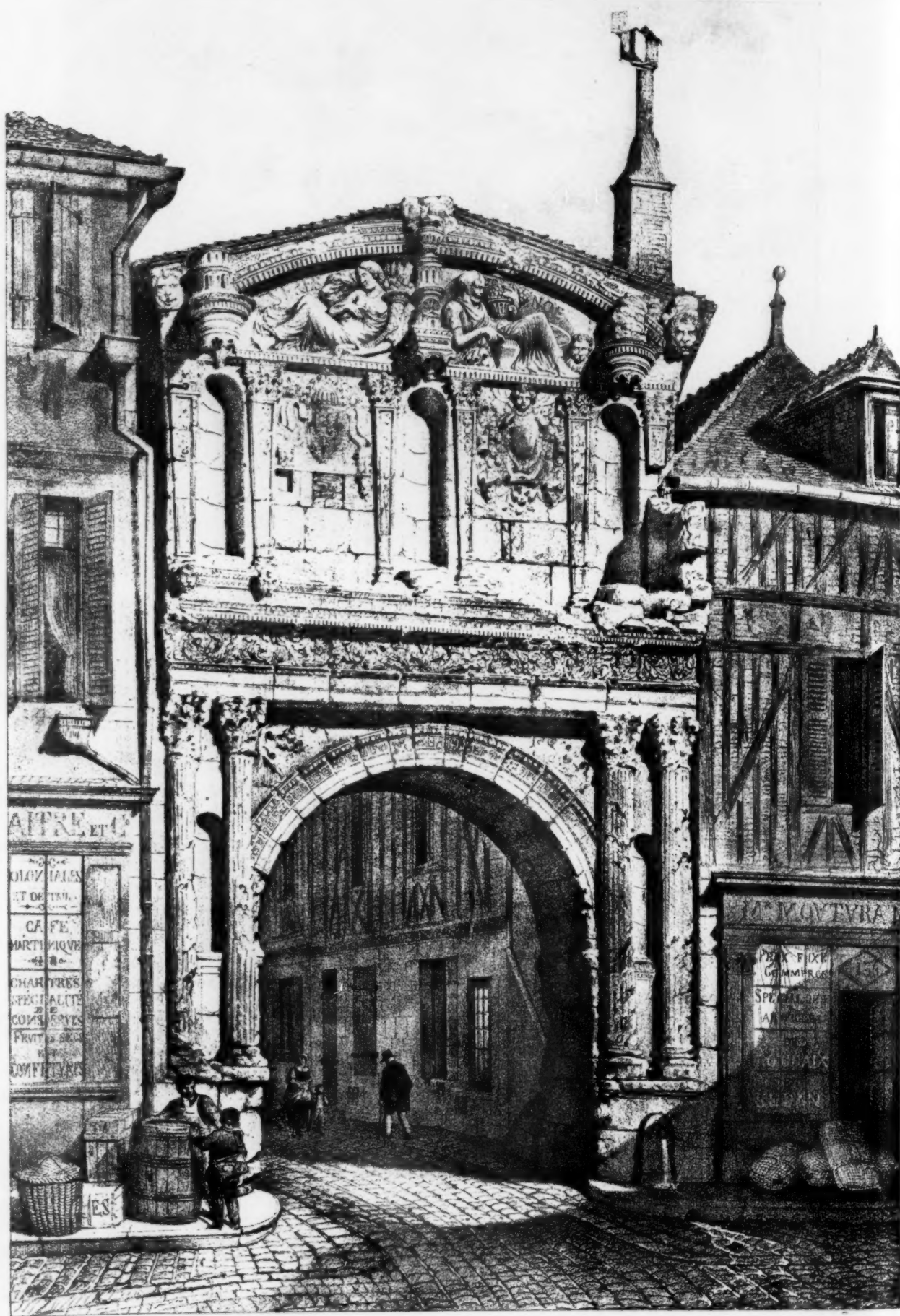
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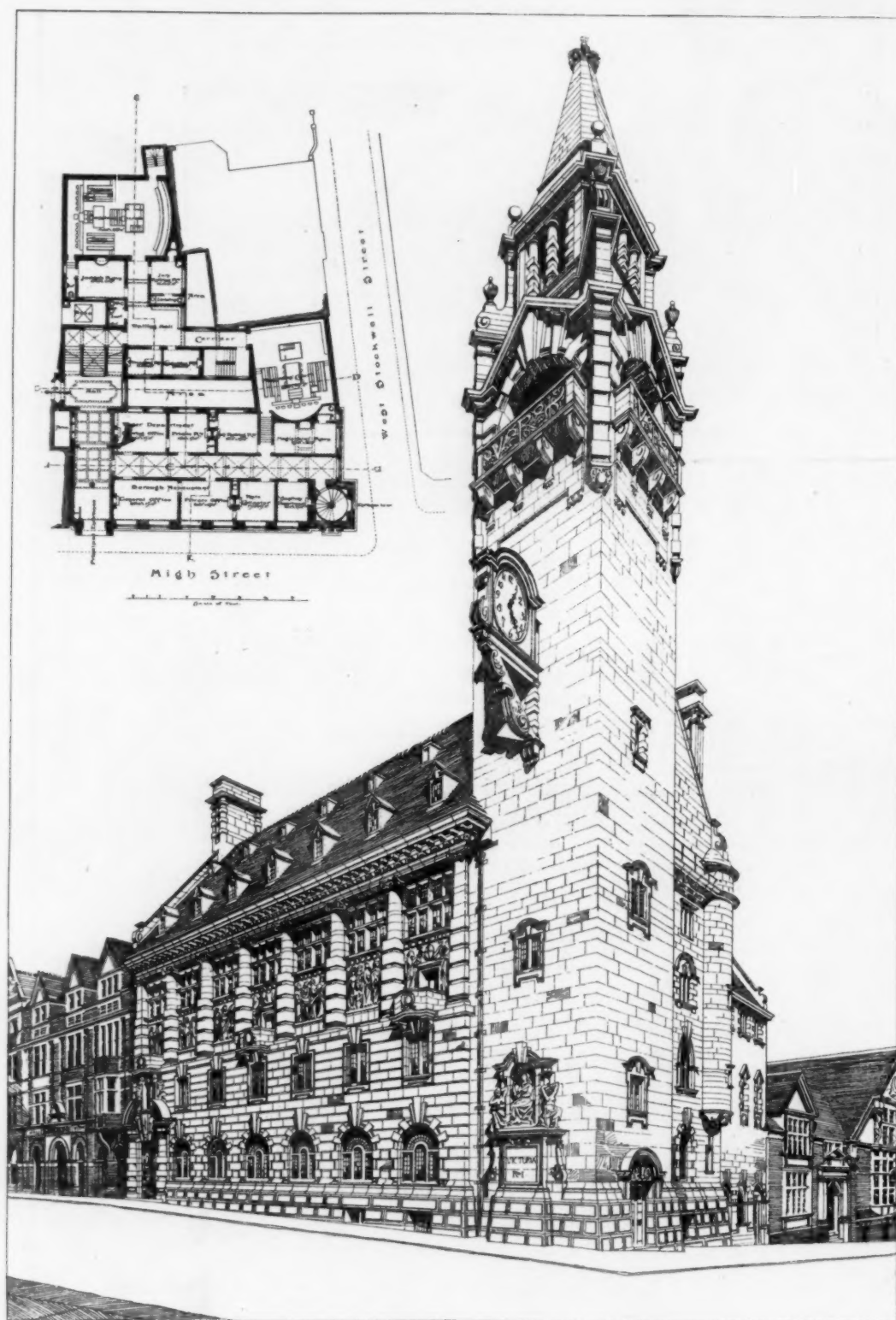
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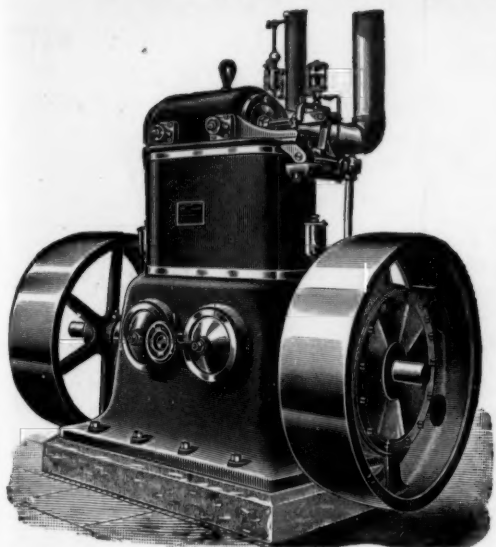


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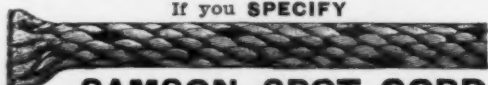
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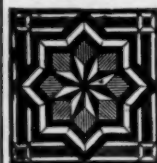
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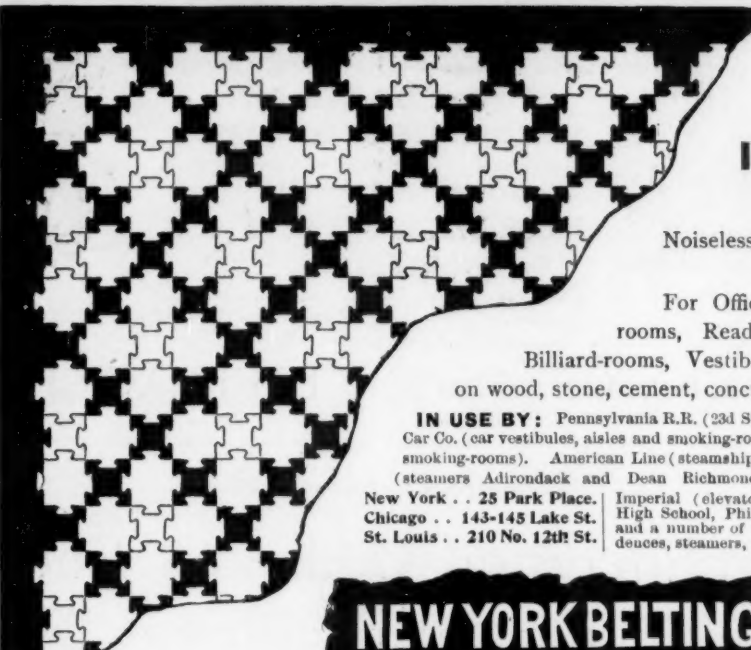
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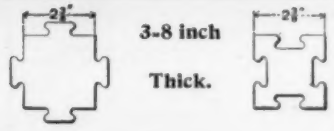
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CHARLES D. MONTAGUE (Springfield, Mass.), T-Squares. Page viii.
CHARLES SCRIBNER'S SONS (New York, N. Y.), Books. Page xi.

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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.

Barre, Vt.—Plans are wanted March 22 for a new City-hall building, cost not to exceed \$50,000. Clayton F. Camp, Chairman of the Committee on Plans.
Bloomfield, N. J.—At the annual school meeting March 15 a proposition will be made to spend \$90,000 for new school-buildings.
Boston, Mass.—The citizens of the Forest Hills District are making active efforts to secure the erection of a new school-house.
The dwelling-houses at 1 and 3 Yarmouth St. have been purchased for the City and on the site of which the new fire-engine house to take the place of the one now on Dartmouth St. lately taken by the Consolidated R. R. will be built.
Bowling Green, O.—Plans have been prepared by W. R. Brown, architect, Cincinnati, for a new church to be erected here by the M. E. Society, to cost about \$20,000.
Cincinnati, O.—Local papers state that all bids received for erecting the Pearl St. market-house have been rejected, as they were in excess of the appropriation, \$50,000. New bids will be called for at once.
Clinton, Mass.—The contract for erecting the new Congregational Church here has been awarded to Lyman Leighton, at \$32,757.60.
Columbus, Neb.—A new school-house, to cost about \$25,000 is contemplated.

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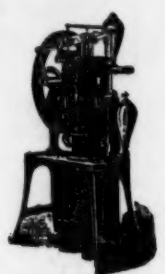
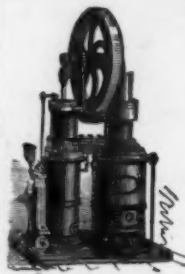
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Chester, Pa.—Wm. Provost, Jr., has been awarded the contract for erecting the new bank building for the Chester National Bank on Market St., near 5th St., at \$33,500.
Columbus, O.—The Osborn Company, engineers, Cleveland, are preparing plans for a store and office building for Robt. Schuitze, Zanesville; five stories, built of brick, to cost \$50,000.
Easton, Pa.—The Trustees of Lafayette College March 3 decided to rebuild Pardee Hall, recently burned and erect a chemical laboratory at a cost of \$25,000.
Eugene, Ore.—The contract for erecting the new Court-house has been awarded to L. N. Rooney, at \$49,875. It is stated that this does not include heating apparatus.
Fort Worth, Tex.—It is reported that the railroads centering here have chartered a company to build a union station; to advertise at once for bids and start work on the passenger-station within 30 days and have it finished by September 1, 1898. Plans have already been adopted; estimated cost, \$200,000, M. B. Lloyd, president Mechanics' National Bank, is treasurer.
Grand Rapids, Mich.—Plans have been drawn by Kirekhoff & Rose, architects, 201 Grand Ave., Milwaukee, Wis., for a club building, to be erected by the Schlitz Brewing Co., Milwaukee, Wis. It will

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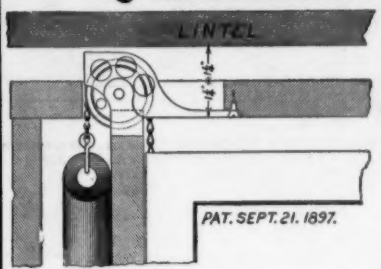
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

be three stories high, 22' x 72', of brick and stone construction, and will cost about \$12,000.
Harrisburg, Pa.—The directors of the Y. M. C. A. have decided to erect a new building to cost about \$50,000, Jas. A. Stranahan, president.
Lanedale, Pa.—It is stated that plans are about completed for a new school-building to be erected here, to cost about \$18,000.
Lisbon, O.—The Grand Jury of Columbiana County have recommended that the County Commissioners appropriate \$30,000 for the immediate erection of a new jail and sheriff's residence.
Little Falls, N. Y.—At the election held March 8 the vote was in favor of erecting the new school-building at a cost not exceeding \$65,000.

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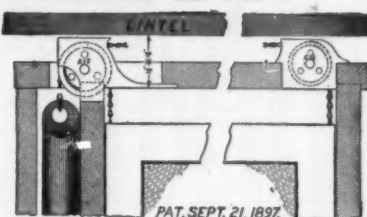
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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Lynn, Mass.—The Common Council has authorized a petition to borrow \$35,000 for the erection of a new school building in Ward 6.

Memphis, Tenn.—Weathers & Weathers, architects, are preparing plans for a \$150,000 stone and marble cathedral for the St. Mary's Episcopal Society of the diocese of Tennessee.

M'Kees Rocks, Pa.—The congregation of the St. Francis de Sales are making preparations for the erection of a new church on Chartiers Ave.; estimated cost, \$35,000.

Montgomery, Ala.—A press report states that the Western Railway of Alabama will erect a new depot on Tennessee St., to cost about \$75,000. Geo. W. Smith, of Atlanta, Ga., is president.

Newark, N. J.—The Y. M. C. Association contemplate erecting a new building to cost \$100,000, \$25,000 of which is in hand and efforts to raise the balance are being made.

New York, N. Y.—Architects Cady, Berg & See are preparing plans for the new buildings to be erected this spring on W. 15th and 16th Sts., for the Society of the New York Hospital, 7 W. 15th St. Clarence True, 450 Boulevard, has prepared plans for a thirteen-story brick and stone fireproof apartment-house, 100' x 100', to be erected on the corner of 63d St. and Madison Ave.

Sketches are being made by Architects Stein, Cohen & Roth, 41 Union Sq., for a twelve-story brick and stone theatre and apartment-building, 104' x 162', to cost \$500,000, to be erected on Broadway, near Longacre Sq.

Oakland, Cal.—The citizens in the Bray School District on February 24 voted to issue \$15,000 bonds for a new school building.

Philadelphia, Pa.—Joseph Anshutz, architect, for the Board of Education, is making plans for a three-story school to be erected at 16th and Cayuga Sts. The cost will be about \$65,000.

The trustees of the First Baptist Church, at Broad and Arch Sts., have decided to erect a new edifice to cost about \$100,000.

Local papers report that a large apartment-house will be erected on the corner of Broad and Jefferson Sts. on plot 100' x 200'. The building to be ten stories in height and cost nearly \$1,000,000. Plans are being prepared in the offices of Henry Crogier, 112 Dearborn St., Chicago, and 201 Clarendon St., Boston, for the owners and builders, the Pennsylvania Construction Co.

Pittsburgh, Pa.—The contract for the construction of the Carnegie Free Library, on Wabash Ave. and Neptune St., is stated to have been awarded to H. L. Kreusler, \$25,000. W. N. Frow, Chairman Board of Trustees.

Plans prepared by Thomas Boyd, architect, have been accepted by the Trustees of the First United Presbyterian Church for a new edifice to be erected on 5th Ave., to cost about \$50,000. A. M. Brown, Pres. Bd. Trustees.

Reading, Pa.—The congregation of the St. Mary's Polish Catholic Church have decided to erect a new edifice on 12th and Spruce Sts., to cost about \$18,000. Rev. Mr. Malusecki, pastor.

Rock Island, Ill.—Plans prepared by Architects Drack & Kearns are stated to have been accepted for remodelling the high school here, to cost about \$25,000.

South Bend, Ind.—Press reports state that plans are being prepared for a new structure to be erected by the St. Hedwig Catholic Society. It will cost about \$15,000.

Stamford, Conn.—Plans have been prepared by H. Edward Ficken, architect, 10 W. 23d St., New York City, for the \$30,000 parish house for St. John's R. C. Church, Rev. Charles M. Addison, rector.

Wabash, Ind.—The Trustees of the Methodist Episcopal Church are reported to have adopted plans for a new edifice to cost about \$30,000.

Winsted, Conn.—The Trustees of the Second Congregational Church contemplate erecting a new edifice, to cost about \$50,000. W. L. Camp, Chairman Committee on Plans.

York, Pa.—The Court-house here will in the near future be radically changed. Some time ago Architect J. A. Dempwolf was instructed by the County Commissioners to prepare plans for its remodelling. These plans have been submitted to the Court and approved. The plans provide for the addition of a new three-story addition from the rear of the present Court-house to Mason Alley, taking up nearly all the space in the rear, the remodelling of the present building, with the addition of a third story, the whole to be thoroughly fireproof and modern. The edifice will cost \$200,000.

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Brooklyn, N. Y.—Fifty-sixth St., nr. 4th Ave., 5

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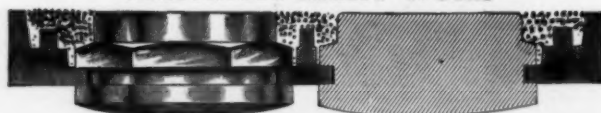
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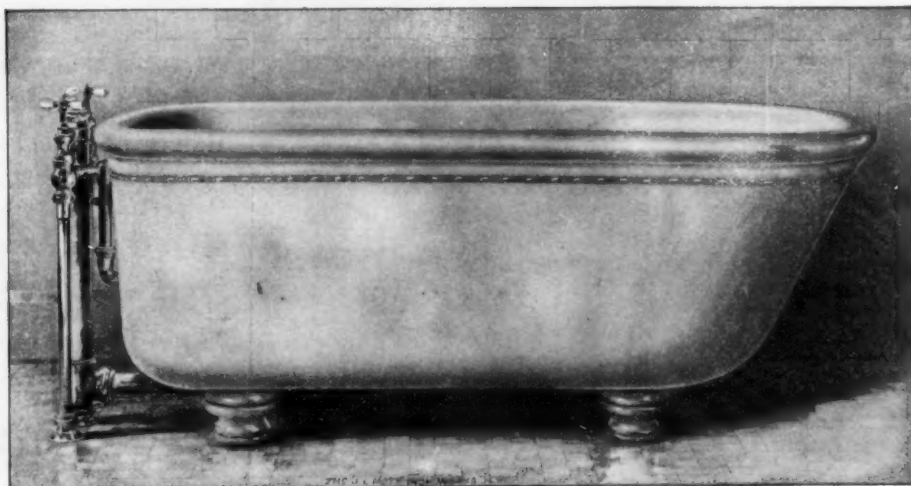
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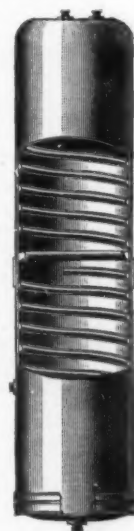
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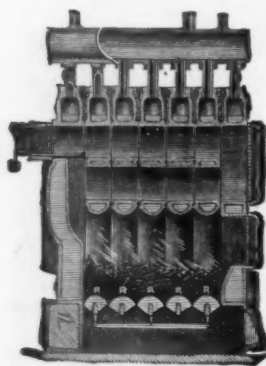
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East St. Louis, Ill. — Missouri Ave., bet. Main & 3d Sts., three-st'y steel-construction bk. & st. City-hall, 73' x 133'; \$150,000; o., City of East St. Louis; a., E. C. Janssen, 506 Olive St., St. Louis, Mo.

STABLES.

Boston, Mass. — Seaver St., rear No. 226, Ward 21, fr. stable, 40' x 40', pitch roof; \$3,500; o., Martin L. Cate, 4 Liberty St.; b., Wm. Tobin.

New York, N. Y. — Amsterdam Ave., nr. 157th St., four-st'y bk. stable, 75' x 90'; \$70,600; o., Sauer, Gross & Herbener, 1205 Park Ave.; a., Neville & Bagge.

Eighty-second St., nr. 2d Ave., five-st'y bk. & st. stable, 35' x 100'; \$25,000; o., John McLaughlin, 346 E. 81st St.; a., Charles Stegmeyer, 306 E. 82d St.

THEATRES AND HALLS.

Cleveland, O. — Euclid Beach Park, two-st'y fr. theatre, 40' x 65', galvanized iron roof; \$13,000; o., Euclid Beach Co.; a., Knox & Elliott, Mercantile Bank Building.

WAREHOUSES.

New York, N. Y. — E. Twentieth St., Nos. 42-48, seven-st'y bk. & st. store & loft building, 89' x 92'; o., Irons & Todd, 320 Broadway; a., Neville & Bagge.

W. Twenty-fourth St., No. 121, seven-st'y bk. & st. store & loft building, 25' x 110'; o., Jeremiah W. Dimick, 111 Fifth Ave.; a., George Keister, 140 W. 34th St.

E. Seventeenth St., No. 15, six-st'y bk. & st. store & loft, 25' x 78'; \$50,000; o. & b., George W. Levy, 121 W. 78th St.

E. Seventeenth St., No. 20, eight-st'y bk. & st. store & lofts, 25' x 91'; \$75,000; o. & b., George W. Levy; a., Cleverdon & Putzel, 41 Union Sq.

W. Nineteenth St., Nos. 249-51, six-st'y bk. & st. storage warehouse, 37' 8" x 91'; \$25,000; o., James Clark, Corona, L. I.; a., G. A. Edelsvard, 140 Nassau St.

Broadway, No. 773, five-st'y bk. & st. store & loft building, \$20,000; o., Gardner & Vail, 2133 Western Boulevard; a., Mowbray & Uffinger, 55 Liberty St.

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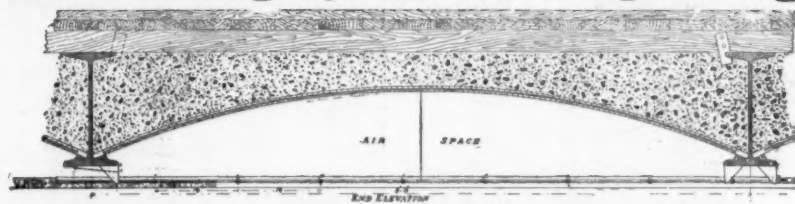
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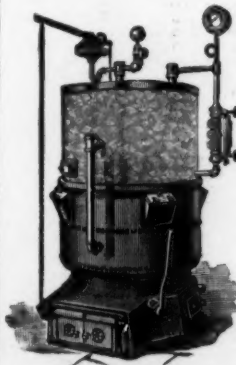
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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK. — P M.				
Common: Cargo afloat.	3 00 @ 3 50		Building 4 50	
Pale.....	5 50 @ 5 57		sewer add 1.00	
Jersey.....		8 50 @ 9 50	hollow, add 1.25	
Long Island.....		Domestic Face	Enam. Imp. Bk.	In Yard.
Up River.....	@ 5 50	18 00 @ 25 00	125 00 @ 145 00	Sq. Hard 800 @ 9 00
Haverstraw Bay 2d.....	@ 6 00	Philadelphia }	Enam. Domes.	" @ 7 00
" 1st.....	@ 6 25	35 00 @ 40 00	70 00 @ 85 00	Salmon @ 5 50
Hollow.....	7 00 @ 7 25	10 00 @ 11 00	Select Red Sand-	Sq. " @ 5 50
Fronts:			Mold. 10 00	Light Stretchers
Croton, Brown.....	10 50 @ 11 00	Phila. mould }	St. Louis Hyd'le	Medium " @ 11 00
" dark.....	12 00 @	50 00 @ 80 00	Press .. 27 00	Red " @ 12 00
" red.....	12 00 @		Collinsville, do	" @ 12 00
Chicago pressed.....		Enamelled B'k.	Findlay, do 22 00	Dark " @ 12
" Moulded.....	37 00 @ 41 00	Imported	Chicago, do	Pressed " @ 17 00
Baltimore.....	19 00 @ 21 00	Enam. (edge)	assorted shades	Paving 11 00 @ 13 0
Philadelphia.....	17 50 @ 18 50	105 00 @ 120 00	16 00 @ 20 00	Second " @ 12 00
Trenton.....		" (edge & end.)	Chicago, do	Third " @ 10 0
Milwaukee.....		120 00 @ 135 00	Brown. 24 00	
Moulded:		Domestic.	Chicago, do Red	
Red Pressed.....	@ 29 00	Enam. (edge)	Roman. 24 00	
Buff ".....	@ 27 00	90 00 @ 100 00	Chicago, do B'n	
Moulded Red & Buff.....	45 00 @ 70 00	" (edge & end.)	Roman. 27 00	
Enamelled: Imp.		110 00 @ 115 00	Bushnell Buff	
Enamelled (edge).....	85 00 @ 100 00		25 00	Dom. { @ 65
Enamelled (edge and end).....	90 00 @ 110 00			85
CEMENT, LIME, etc. (P cash.)				
Rosendale Cement.....	80 @ 85	95 00 @ 1 00	Not sold.	1 30 @ 1 50
Louisville.....	Not sold.	@	75 @ 1 00	S.H. Fe'l 20 @ 1 50
Utica, Akron, Buffalo, Milw'ke.	2 25 @ 2 50		75 @ 1 00	@
Portland, Eng. (Gibbs).....	2 50 @ 3 00		2 50 @ 2 60	2 85 @ 3 15
" " (Black Cross).....	2 25 @ 2 50		2 50 @ 2 60	2 30 @ 2 60
" " (Burnham).....	2 50 @ 2 50	2 20 @ 2 50	2 50 @ 2 60	2 85 @ 3 15
" " (White's).....	2 65 @ 3 00		2 50 @ 2 60	2 75 @ 2 85
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Belg'n 2 10 @ 2 40
" Ger. (Alsen).....	2 90 @ 3 25	2 75 @ 3 00	2 90 @ 3 20	Hemmoor
" " (Fewer).....	2 25 @ 2 40	B'ks, Shoobridge	@	2 50 @ 2 75
" " (Vorwöhler).....	2 50 @ 2 90	& Co.,	@	2 75 @ 2 85
" " (Lagerlofer).....	@	English 2 30	2 60 @ 2 80	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 80	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 45	@	2 85 @ 3 00	B. Egl. 2 50 @ 2 75
Roman.....	2 75 @ 3 30	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 P bush
Hydraulic Lime.....	@ 1 45	@	45 @ 55	25 @ 30
Chicago Lime in bulk.....	{ St. John		45 @ 55	{ White Mash
Wisconsin Lime.....	@ 75	@ 90	Not sold.	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 95	Not sold.	1 00 @ 1 00
Rockland, finish.....	@	@	Not sold.	
Kelley Island Lime, finish.....	@ 70	Not sold.	1 00 bulk, 75c.	Not sold.
State, Com. cargo rates.....	@ 1 10	Not sold.	Not sold.	Not sold.
Plaster-of-Paris (calcined).....	1 30 @ 1 40	1 85 @ 2 00	1 65 @ 1 75	1 50 @ 2 25
" (casting).....	@ 1 60	2 25 @ 2 35	1 75 @ 1 90	1 75 @ 2 50
Hair (cattle) P bush.....	14 @ 16	25 @ 30	12 @ 20	20 @
" (Goat).....	18 @ 21	@ 30	20 @ 25	30 @
Sand, P load.....	1 00 @ 1 25	1 00 @ 1 75	1 00 00 1 25	

THE AMERICAN ARCHITECT AND BUILDING NEWS

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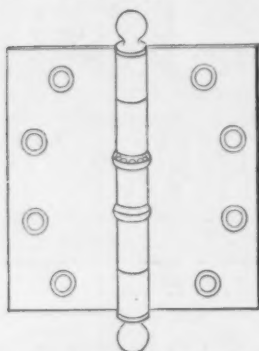
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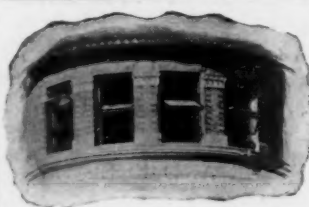
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Block.....	5 00	5 00	30 @ foot	5 00
Rubble.....	4 60	4 60	10 00 @ cord	Conshohocken
Sandstone:				1 45 @ 2 50
Longmeadow.....	80 @	80 @		
Kibbe.....	90 @	90 @		
Brown (Connecticut).....	1 00 @	1 00 @	1 50 @ cub. ft.	1 05 @ 1 25
Amherst Ohio.....	90 @	90 @	45 @ 55	85 @ 95
Berea.....	75 @	75 @	45 @ 55	55 @ 75
Berlin.....	75 @	75 @	45 @ 55	85 @ 95
Belleville.....	80 @	80 @	45 @ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	1 00 @	1 00 @	Not sold.	1 05 @ 1 15
Potomac Red.....	1 30 @	1 30 @	1 15 @	1 40 @
Caen.....	1 00 @	1 00 @	1 25 @	1 35 @
Carlisle, English.....	1 05 @	1 05 @	1 05 @	1 05 @
Corse Hill (Scotch).....	1 05 @	1 05 @	80 @ 1 50	95 @ 1 05
Granite: (Maine)				55 @ 65
Limestone:				
Bedford.....	45 @	45 @	20 @ 40	75 @ 85
Joliet.....	1 00 @	1 00 @		Richmond
Lemont.....				75 @ 1 50
Serpentine.....				Perch 4 50 @ 5 50
Bluestone: (\$ sq. ft.)				
Sidewalk.....	30 @	5 00	10 50 per ton.	
Planed.....	50 @	6 00		
Marble: (\$ cu. ft.)				
Lee, Mass.....				
Rutland, white and blue.....		1 75 @ 2 50	Not sold.	2 00 @ 2 50
Sutherland Falls.....	1 25 @	1 75 @	3 50 @ 6 00	2 00 @ 3 00
Glens Falls, black.....			3 50 @ 6 00	1 70 @ 3 00
Italian, blue-veined.....			Not sold.	4 00 @ 4 50
" Sienna.....			4 @ 4 40	2 50 @ 2 75
Tennessee, red.....			Not sold.	5 00 @
" Knoxville.....			4 @ 4 40	4 00 @ 6 00
Pennsylvania, blue.....			4 @ 4 40	3 00 @ 4 00
Vermont, white.....			Not sold.	2 00 @ 3 00
Slate: Roofing (\$ square).			3 50 @ 6 00	2 25 @ 3 00
Green.....	5 00 @	6 00		
" unfading.....	5 00 @	6 00	3 75 @ 5 00	2 90 @ 3 80
Purple.....	5 00 @	6 00	5 25 @ 6 00	4 25 @ 5 00
Black, Lehigh.....	10 @	10 @	5 25 @ 6 00	4 50 @ 5 50
Red.....	4 25 @	4 75 @	10 50 @ 12 50	11 50 @ 13 00
" Chapmans.....			4 50 @ 5 50	4 00 @ 4 35
Genuine Bangor.....	4 35 @	5 50	5 30 @ 6 15	4 50 @ 5 00
Unfading black.....	6 00 @	8 50	5 25 @ 6 50	4 35 @ 5 50
".....	5 50 @	8 00	4 25 @ 8 95	6 50 @ 9 00
Tiles, Am..... P M.....			5 50 @ 9 20	6 50 @ 9 00
N. Peach Bottom, war. unfading			Salt-glazed tiles	@ 28 00
Fire Clay Roof Tile on cars at fac.	8 00 @	8 00 @	9" 8c. per ft.	5 76 @ 6 25
LUMBER.—P M.			6 00 @ 6 50	8 60 @
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @	75 00		
" 2d quality.....	55 00 @	60 00	55 00 @ 70 00	47 50 @ 60 00
" 3d quality.....	18 00 @	22 00	42 00 @ 50 00	38 00 @ 45 50
Spruce.....	20 @	25 00	20 00 @ 25 00	27 50 @ 36 50
Hemlock.....	ea13 @	14	Not sold.	15 00 @ 21 50
Yellow pine.....	20 @	40-	10 00 @ 12 00	11 50 @ 13 75
Cypress.....			18 00 @ 25 00	14 00 @ 20 00
Clapboards:			30 00 @ 35 00	30 00 @ 38 00
Pine.....				
Spruce.....			25 00 @ 30 00	14 00 @ 25 00
Framing Timber:			Not sold.	Not sold.
Pine.....			15 00 @ 25 00	25 00 @ 37 30
Spruce.....	14 00 @	18 00	Not sold.	15 00 @ 21 50
Hemlock.....	12 00 @	16 00	10 00 @ 15 00	14 00 @ 20 00
Yellow pine.....	18 00 @	21 00	16 00 @ 25 00	22 50 @ 30 00
Laths:				
Pine..... Round Wood			1 90 @ 2 00	2 75 @ 3 00
Spruce..... Slab.....			Not sold.	2 30 @ 2 35
Shingles:				
Pine, shaved..... P M.....	5 00 @	6 00	Not sold.	
".....	4 00 @	5 00	2 60 @ 2 75	
Spruce, sawed.....	1 50 @	2 00	Not sold.	
Redwood..... P 125.....	1 40 @	1 60	4 60 @ 6 00	30" @ 35 @ 40
Cedar split..... P M.....			Not sold.	24" @ 8 @ 21
Cedar sawed.....			2 50 @ 2 90	30" @ 35 @ 14
Cypress Split..... 7 x 24 ..	18 00 @	20 00		11 00 @ 14 00

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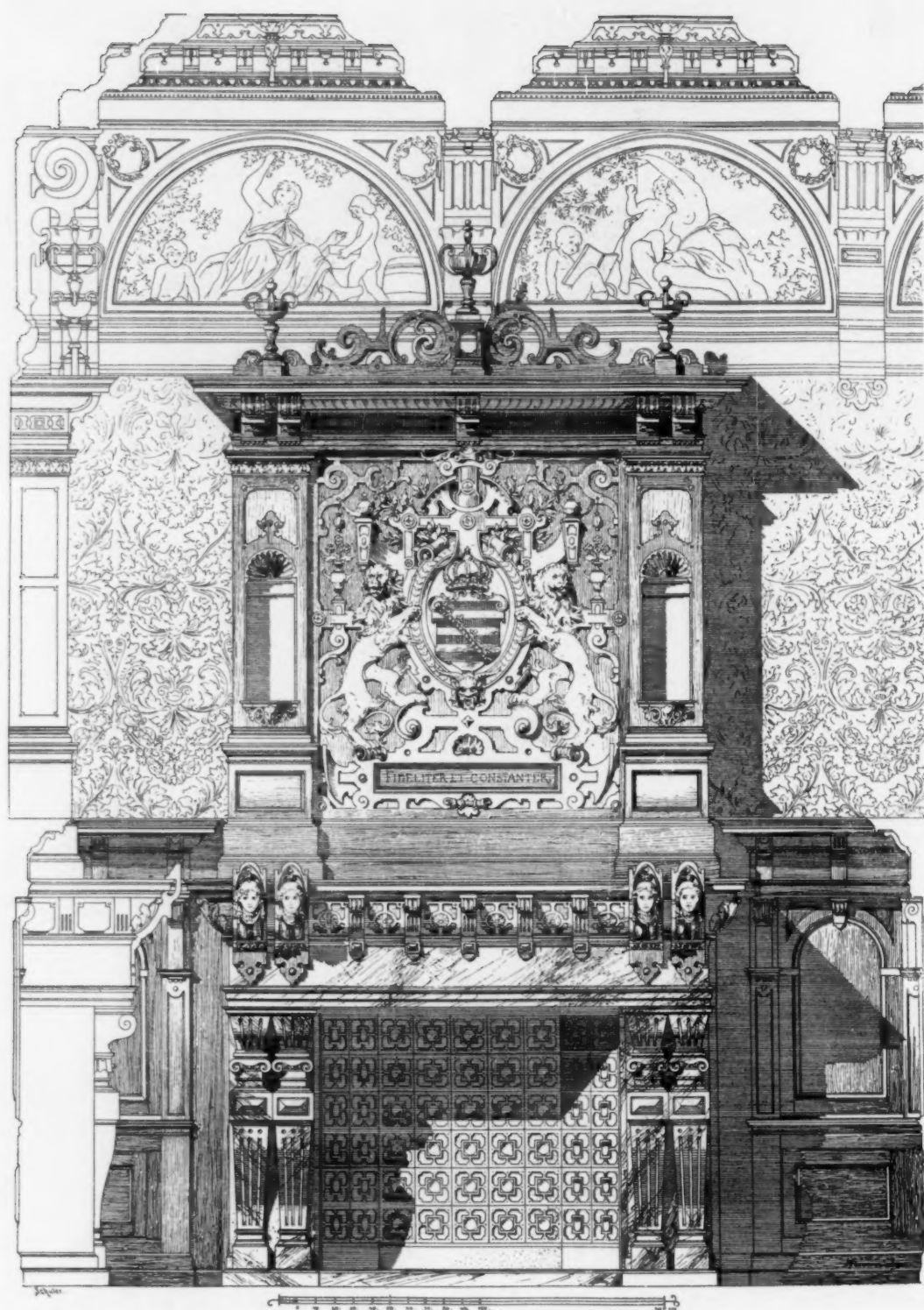
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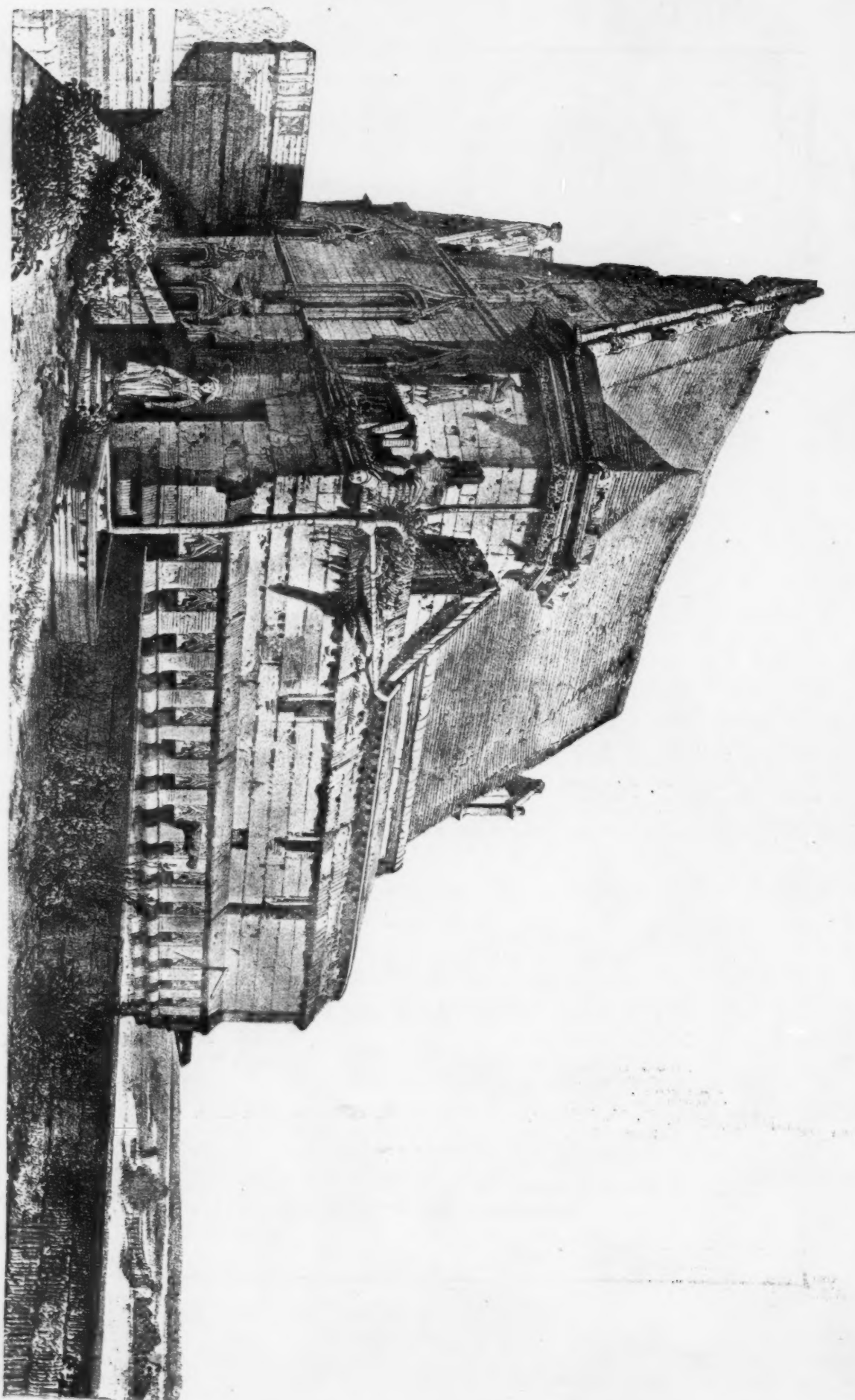
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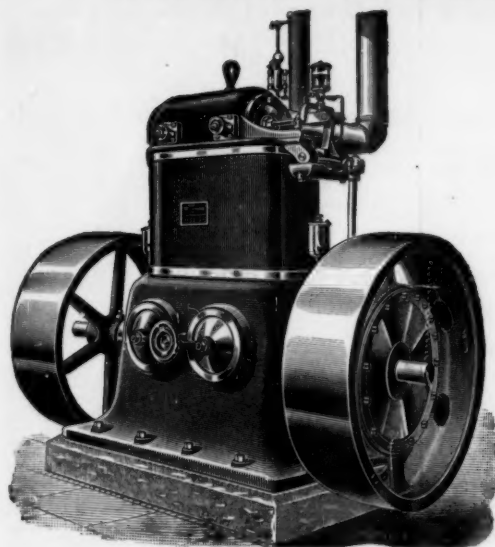
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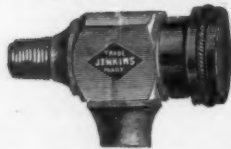
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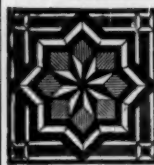
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BOLLES REVOLVING SASH CO. (New York, N. Y.), Sash Locks. Page 11.

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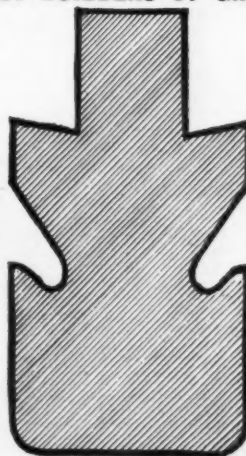
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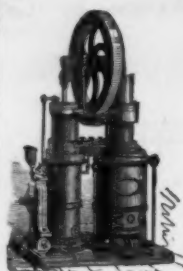
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600,602. SHUTTER-FASTENER. — Albert Asman, Rahway, N. J.
600,606. TILE ROOFING. — Joseph C. Bayer, Portland, Ore.
600,640. WEATHER-STRIP. — William A. Ford and John C. Mormann, Yankton, S. D.
600,701. SPRING-LOCK. — Robert E. Adkins, Chicago, Ill.
600,704. CONSTRUCTION OF CEILINGS. — Louis Aronowitz, New York, N. Y.
600,707. SASH-SUPPORTER. — Richard Bohrsch, East Las Vegas, N. Mex.
600,718. WINDOW-SHUTTER FASTENER. — Ernest W. Goodell, Dover, N. J.
600,732. SANITARY CESSPOOL AND TRAP. — Theodore Linke, New York, N. Y.
600,757. PORTABLE CRANE. — John E. Walsh, New York, N. Y.
600,759. DUMB-WAITER. — William Williams and Patrick McMorro, New York, N. Y.
600,766. FAUCET. — Richard Barrett, Dover, N. J.
600,789. CAR-DOOR FASTENER. — Reynolds H. Johnson, Long Island, Kan.
600,825. SAFETY-BRAKE FOR ELEVATORS. — Edw. A. Swain, New York, N. Y.
600,843. DAMPER-REGULATOR. — Geo. F. Patterson, Baltimore, Md.
600,849. DOOR-KNOB. — Cornelius M. Brown, Newark, N. J.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ADVANCE RUMORS.

Albany, N. Y. — The Sons of Veterans and Asylum Hall Association has been formed, and will build a hall for the use of Veterans and Sons of Veterans Association.

Mr. McEwen has introduced a bill in the legislature which provides for an appropriation of \$400,000 for the purpose of acquiring a site for a State Library building.

Anaconda, Mont. — Plans are wanted by the County Commissioners until April 12 for a brick or stone jail, to cost \$97,000.

Baltimore, Md. — Geo. W. Archer, Law Building, has prepared plans for the large medical building for Johns Hopkins University. It will be 100' x 110', with an addition 50' x 50', have brick and stone front, steam heat and ventilating plant, electric lights and slate roof.

Biltmore, N. C. — Geo. W. Vanderbilt intends to continue the development of his model village by the erection of a school-house for white pupils, the building of several handsome dwellings and the establishment of an electric-light plant.

Bloomfield, N. J. — Chas. G. Jones, 280 Broadway, New York City, has been selected to prepare plans for the \$30,000 proposed Brookside School, to be erected at Essex Ave., Pitt and Baldwin Sts. Thos. Oakes, president of the School Board, and Wm. A. Baldwin, District Clerk.

Geo. Archer, 26 Cortlandt St., is now preparing the working drawings for the new passenger-stations to be built at Bloomfield and Soho for the Erie Railroad. Bids will be taken in a few days.

At the annual school meeting \$122,000 was voted for school purposes. Of this amount \$5,000 will be used for the purchase of a school site at the corner of Prospect St. and Locust Ave., \$30,000 for the erection of a school-house on that lot, \$30,000 for building a school-house at the corner of Baldwin St. and Essex Ave., and \$30,000 for a new school-house at the corner of Montgomery and Berkeley

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Aves. Plans for the new buildings were submitted for inspection recently. Thos. Oakes is president of the School Board.

Boston, Mass. — The plans of Andrews, Jaques & Rantoul for the addition to the West Roxbury High School have been accepted by the School Board. The addition is to contain six single and one triple class-room, to accommodate 378 pupils, besides halls, laboratories, gymnasium, etc.; estimated cost is \$180,000, exclusive of furniture and commissions.

Brooklyn, N. Y. — Johnston & Helme, 322 Rodney St., have prepared plans for a three-story brick and stone addition to school-building on S. 3d St., between Bedford and Driggs Aves., to cost \$40,000; owner, Eastern District Industrial School, S. 3d St. The corporations of the Jennie Clarkson Baptist Home for Children have just purchased the Fowler estate, at New Katonah, consisting of 150 acres, and will adopt the cottage system for the institution.

Bowling Green, O. — Plans have been made by E. O. Fallis, the Nasby, Toledo, for the Wood County Infirmary Building, to be built in this city. It will be 50' x 100', two and one-half stories high, of brick and stone construction, and will cost about \$10,000.

Buffalo, N. Y. — The People's Gaslight & Coke Co. will build a plant consisting of 4 steel-frame brick buildings, to cost \$70,000. Plans by Riter Conley Co., Pittsburgh, Pa.

Burlington, Vt. — Ex-senator George F. Edmunds has given to the city land worth \$35,000, to be used as a site for a high-school building.



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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Canandaigua, N. Y.—Report states that the Methodists at this place will erect a \$40,000 church. Address Rev. Dr. Campbell.

Canton, S. D.—The U. S. Senate is stated to have passed a bill providing for the construction of an asylum for insane Indians near here, at a cost not exceeding \$75,000.

Charlotte, W. Va.—Plans prepared by Hayden & Wheeler, 503 Equitable Building, Atlanta, Ga., for the new church to be erected by the Trinity congregation, have been accepted by the Building Committee. Specifications call for brick and stone structure, to cost about \$20,000.

Chicago, Ill.—The City Council on March 7 passed an ordinance providing for a school in Oakley Ave., to cost \$75,000 and one in Edgewood Ave., to cost \$80,000.

Clarksville, Ga.—The contract for erecting the Court-house has been awarded to H. B. Hefner, of Atlanta, for \$14,000.

Dalton, Ga.—It is reported that bids are wanted May 3 for the construction of a \$10,000 Jail. Address J. Boyle, Ordinary.

Dannemora, N. Y.—The Senate on March 7 is stated to have passed a bill appropriating \$77,000 for the east wing of Dannemora Hospital for Insane Convicts.

Denver, Col.—Henry Fergo, Milwaukee, Wis., has been awarded the contract to erect the mint building, at \$223,561.

Dodge Centre, Minn.—The contract for the erection of the new school-building has been awarded to Chas. Skooglund, St. Paul, at \$14,042; architects, Orff & Guilbert, Minneapolis.

Evanston, Ill.—H. J. Schlacker, 1503 Schiller Building, Chicago, is preparing plans for a two-story \$12,000 brick school-building for the St. Nicholas Catholic Church, Rev. P. L. Bierman, pastor.

Geneseo, N. Y.—The contract for erecting the new Court-house for Livingston County has been awarded to Schrider & Schattner, of Lyons, at \$20,940.

Kansas City, Mo.—L. G. Middaugh, Massachusetts Building, has been selected as architect to prepare plans for the new Central School-building to be erected on the corner of Maple and Pleasant Aves.; estimated cost, \$30,000.

Plans are being prepared for a large hotel to be erected in this city. It will be 117' x 150', six stories high, and will be constructed of brick and stone and will be modern throughout. It will cost \$300,000, Mr. Bernard Corrigan, owner.

Manchester, O.—The Manchester Lodge, No. 254, Knights of Pythias, have secured a site and will erect a handsome hall.

Martinsville, Ind.—The School Board has decided to build a new school-building, to cost \$15,000.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Melrose, Minn.—The contract for building the new Catholic Church in this city is stated to have been awarded to E. C. Richmond, at \$24,030.

Montclair, N. J.—The new Love Memorial Free Library Building is to be erected on the plot of ground adjoining the Montclair Club-house. It will be 45' x 60', and contain memorial room, reference room, children's reading-room, librarian's workroom, trustees' room, etc., and to cost about \$30,000. The committee on plans and buildings is as follows: W. L. Adams, E. B. Goodell, J. R. Howard, D. W. Sawyer and Wm. Elder Marcus.

New Haven, Conn.—Plans are being prepared by E. W. Maynard, architect, of Boston, Mass., for the new theatre to be erected on Church St., for Mr. Poli.

New York, N. Y.—Geo. B. Post, Robert H. Robertson and Lamb & Rich have been invited to submit plans for the new building for the Franklin Bank, 658 Eighth Ave.

Mrs. Cornelia K. Storrs, widow of Richard A. Storrs, for many years Deputy Controller of this city, and Mrs. Irene K. Denison, Mrs. Nava D. Sherwood, Miss Myra B. Martin and Miss Edith A. Houston have applied as incorporators to the State Board of Charities for an approval of incorporation of the Storrs Memorial Hospital, the principal office of which is to be in the city. When Mr. Storrs died he left a considerable estate. The object for which the incorporation is formed is the building and maintenance of a hospital for the treatment of chronic diseases, and especially for women.

There is shortly to be erected a Jewish temple in West Harlem for the congregation Adath Israel of West Harlem. The cost of the new church will be \$60,000. It will be situated on a lot, 46' x 100', at 135-137 W. 123d St., and the general style of architecture will be highly ornate Moorish, with a pair of mosque domes on either side of the front.

The Greene Ave. Presbyterian Church is soon to have a new church building, which is to be built on the site of the present frame structure used by the congregation, in Greene Ave., between Reid and Patchen Aves. The new building will cost about \$30,000, and in the basement under the auditorium will be a thoroughly equipped gymnasium, bowling-alley, and a drill-room for the boys' drum corps and brigade connected with the Sunday-school. The old frame church will be moved to the eastern end of the plot and used as a Sunday-school. The plot has a frontage of 110' and is 160' deep, and the present structure occupies about 30' front. The new structure will be of brick, and will be a modern church building. The auditorium will seat about 800. Plans have been submitted by five architects. The committee appointed by the Rev. D. H. Overton, pastor of the church, to select the plans consists of Messrs. Mayette, Burling and Roy. They will present the plans decided upon at a meeting of the congregation to be held on Wednesday, March 30.

BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Parkersburg, W. Va.—Plans prepared by L. W. Thomas and O. Benson, architects, of Canton, O., have been accepted by the County Commissioners for remodelling the Court-house; estimated cost, \$50,000.

Passaic, N. J.—Plans have been prepared by F. W. Wentworth, architect, Paterson, for a new Y. M. C. A. Building to be erected here, to cost about \$21,000. David Carlisle, Pres. Bldg. Com.

Philadelphia, Pa.—Florey & Bevan have taken out permits to build three-story stone dwellings, each 25' x 55' 6", six on the east and two on the west side of 63d St., north of Lansdowne Ave., and to erect four three-story dwellings, each 33' x 55', on the east side of 63d St., above Lansdowne Ave. They are estimated to cost \$78,000.

Jas. H. Boone will build a three-story brick store and dwelling, 20' x 62', at the northwest corner of Terrace and Vassar Sts., in the 21st Ward, and a two-story brick dwelling, each 15' 4" x 46', on the north side of Vassar St., below Terrace St., at a cost of \$10,400.

The directors of the Children's Homeopathic Hospital, have unanimously decided to commence at once the erection of a thoroughly equipped hospital building on the present site, Nos. 926 928 N. Broad St. Architects are now engaged on the plans, which are likely to be adopted within a few days. The new building will probably be four stories high, cover the entire 61' front on Broad St., and extend back to Carlisle St., the dispensary fronting on Carlisle St.

Architect Jos. M. Huston has made plans and is taking bids for a proposed twelve-story apartment-house, 36' x 106', to be built at Nos. 114-116 S. 19th St. It will be constructed of granite, terra-cotta and brick.

Wm. R. Dougherty is estimating for the erection of the new public-school building to be erected at the northeast corner of 16th and Cayuga Sts. It will be three stories high with basement, and have a frontage of 25' on 16th St. and 125' on Cayuga St. It will be built of granite and stone.

Owner and builder Wm. S. Kimball has submitted plans for 2 handsome four-story brick dwellings, each 20' 4" x 74', to be built at Nos. 4032-4034 Walnut St. They are estimated to cost \$25,000.

Contractors J. S. Cornell & Son have been given a permit to erect a one-story brick building, 162' x 36' 6"; a one-story boiler-house, 46' x 52', with stack, at the southwest corner of 56th St. and Lancaster Ave., for the James Dunlap Carpet Co., at a cost of \$12,000.

Bowman S. Sterling is about to erect a four-story brick store building, 14' x 60', at 116 Market St., for Conrad Schwoerer, costing \$8,800.

Samuel C. Boyer will soon start the erection of 15 two and one-half story dwellings, each 15' x 40', on the west side of 63d St., above Jefferson St. They are estimated to cost \$45,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Real-estate operators Kemon & Andrews will build 62 two-story and 12 three-story houses, each about 16' x 56', in the vicinity of Broad St. and Moyamensing Ave.

The city has purchased a lot of ground at 26th and York Sts., adjoining the fire-house, and it is said a new police-station will be erected.

R. S. Pitts is to erect 93 three-story dwellings on an avenue to be cut through in the rear of Cedar Ave., from 49th to 50th St., to cost \$6,000 each.

Michael Sammon is about to erect 16 three-story dwellings, to cost \$7,500 each, on Pine St., west of 45th St.

At an important meeting of the members of the Ebenezer Methodist Episcopal Church, Gay St., Manayunk, it was unanimously decided to build a new church at once. The matter had been held under consideration by the Board of Trustees for some time, but they deferred action until the financial support was at hand. At the meeting \$10,000 was subscribed, and it was stated that there is \$2,000 in the Sunday-school building. As yet they have not decided upon a site, some favoring a removal to the heights of Roxborough, where a large part of the congregation live.

Architects Schermerhorn & Reinhold are receiving bids on plans they have made for a three-story granite and limestone residence, 40' x 60', to be erected at the northwest corner of 59th St. and Overbrook Ave., for Jas. A. McCurdy, at an estimated cost of \$20,000.

Permits have been issued to F. R. Hill to erect a frame dwelling, 30' 10" x 54' 2", at the northwest corner of 67th Ave. and Marshall St., and 2 three-story similar dwellings, each 22' x 54', on the south side of 67th Ave., west of Marshall St. Altogether they will cost \$13,500.

Pittsburgh, Pa.—Col. A. J. Logan, Chairman of the Building Committee of the armory and auditorium commission, which is about to erect an armory on Bedford Ave., says that the structure will be well-nigh completed by next winter. Nearly all the work preliminary to breaking of ground has been done. More than \$100,000 of the necessary \$500,000 has been secured. Rutan & Russell, the architects who are planning the structure, will submit their final drawings to the Building Committee in a few days. The contract for the erection of the armory will then be awarded.

The competitive plans submitted by D. H. Burnham, of Chicago, have been accepted for the Union Trust Company's new building. The building is to cost \$100,000.

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BUILDING INTELLIGENCE.

(Advance Rumors Continued.)

Pittsfield, Mass.—The Morningside Baptist Church, Rev. Jas. Grant, pastor, are raising funds for the erection of a new brick church, to cost about \$20,000.

Rochester, N. Y.—Plans prepared by Architect O. K. Foote are stated to have been adopted by the Almshouse Committee of the Board of Supervisors for the new hospital to be erected here.

St. Louis, Mo.—The contract for the construction of the new Elliott School and the new Sherman School have been awarded to C. Stafford, the former for \$86,600 and the latter for \$82,647.

Streator, Ill.—L. E. Stanhope, U 725 Unity Building Chicago, has prepared plans for a \$12,000 store-building, 60' x 60', to be erected for P. Finlen.

Washington, D. C.—Report states that the contract for erecting the new school on Marshall St. has been awarded to Andrew Gleason, at \$25,000.

Atkinson & Doyle will build a brick stable between 3d and 4th and G and H Sts., N. E. It will be two stories, 64' 8" x 29' 8". It will have a hard brick front and flat tin roof; cost, \$3,000.

John H. Gheen will build a brick building at 3216-22 Fourteenth St., N. W., to be used as a livery stable. It will be two stories, 55' x 150', with hard brick front and flat tin roof; cost, \$5,000.

Watertown, Wis.—A \$10,000 addition to the high-school building is to be built. It will be two stories, 50' x 18'; Claude & Starcke, of Madison, architects.

West Bend, Wis.—The contract for the erection of the Washington County Insane Asylum is stated to have been awarded to H. S. Felton & Co., of Milwaukee, at \$28,756.

West Superior, Wis.—Plans are being prepared for a school-house to cost \$10,000.

Wilkesburg, Pa.—The congregation of the Wilkesburg Presbyterian Church is stated to have decided to build a new church to cost about \$75,000, Rev. Dr. Thomas Parry, pastor.

Winona, Minn.—Plans have been completed for the proposed new hospital to be erected here as soon as spring breaks. It is to be 72 feet square, three stories high. It will cost \$30,000.

Zanesville, O.—It is reported that bids are wanted April 1 for the erection of a new church building for St. Nicholas Church, A. L. Leminger, rector.

ALTERATIONS AND ADDITIONS.

Rochester, Minn.—Four-story bk. addition, 44' x 60', to St. Mary's Hospital; \$12,000; o. Sisters of St. Francis; a. John M. Doherty.

APARTMENT-HOUSES.

Boston, Mass.—Monument Sq., nr. Laurel St., Ward 5, bk. flats, 30' x 108', flat roof, steam; \$40,000; o. & b., Fred D. Robbins, Ames Building; a. A. H. Vinal.

Chicago, Ill.—Prairie and Roos Aves., three-story & base. bk. & steel flats, 29' x 126', comp. roof, steam; a. Henry L. Newhouse, 4630 Prairie Ave.; not let.

Cleveland, O.—Clinton St., nr. Kentucky St., three-

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

st'y fr., bk. & terra-cotta flats, 60' x 120', flat roof, steam; \$15,000; o. Van Cleve Glass Co.; a. Hubbell & Benes, New England Building.

Broadway, three-story fr. & bk. flats, 36' x 73', flat roof, steam; \$14,000; o. Samuel Austin, 1257 Broadway; a. Sprackling & Matzinger, Beckman Building.

Jennings Ave., five-story bk. & terra-cotta flats, 43' x 111', flat roof, steam; \$50,000; o. E. I. Leighton, E. Madison Ave.

New York, N. Y.—Columbus Ave., cor. 60th St., eleven-story apart., 51' x 100'; o. & b., Thomas R. White, 35 Nassau St.; a. Henry T. Cook, 111 Fifth Ave.

Third Ave., nr. 172d St., 2 five-story bk. flats, 25' x 73'; \$44,000; o. Charles Trueman, 4 Convent Ave.; a. Harry T. Howell, 748 E. 138th St.

Sixteenth St., Nos. 739-41, six-story & base. bk., st. & terra-cotta flats with store, 44' x 90'; \$40,000; o. & b., S. Jacobs, 28 Rutgers St.; a. Horenburger & Straub, 125 Bowery.

Eldridge St., Nos. 108-110, six-story bk., st. & terra-cotta flats & store, 110' x 108'; \$30,000; o. Kidansky & Fine, 309 Henry St.; a. Horenburger & Straub.

Henry St., No. 183, six-story & base. bk., st. & terra-cotta flats & store, 24' x 87' 6"; \$25,000; o. & b., Friedman & Feinberg, 66 Monroe St.; a. M. Bernstein.

E. One Hundred and Twenty-fourth St., No. 339, five-story & base. bk. & st. flats, 25' x 80'; \$17,049; o. Peter Fries, 339 E. 98d St.; a. Chas. Reitz.

CHURCHES.

Cambridge, O.—Two-story & base. st. & bk. church, 65' x 120', slate roof, steam; \$20,000; o. First M. E. Church, Fred L. Rosemond, Secretary Committee; a. S. R. Badgley, 1273 Euclid Ave., Cleveland.

Cleveland, O.—Lake View Cemetery, st. marble & steel memorial chapel, 33' x 67', height 32', slate & copper roof, steam; \$65,000; o. J. B. Wade, Euclid Ave., cor. Case St.; a. Hubbell & Benes, New England Building.

CLUB-HOUSES.

Boston, Mass.—Leverett St., Nos. 89-91, bk. club-house, 22' x 63', flat roof, steam; \$15,000; o. Louis Habelow; a. E. P. Morse.

Centre St., nr. Washington St., Ward 20, fr. club-house, 51' x 73' x 91', pitch roof, steam; \$50,000; o. Dorchester Women's Club, Mrs. Royal Whiton, president, 36 Melville Ave.; a. A. W. Gould, 2A Beacon St.

EDUCATIONAL.

Tomah, Wis.—Two-story bk. school-house, 31' x 96' & 36' x 44', tin roof, steam; \$10,000; o. United States Department of Interior.

FACTORIES.

Belleville, N. J.—Three-story bk. factory, 50' x 150'; \$30,000; o. Eastwood Wire Cloth Co.; a. J. C. Niebel, 50 Court St., Brooklyn.

HOSPITALS.

Indianapolis, Ind.—Two-story steel, st. & bk. home

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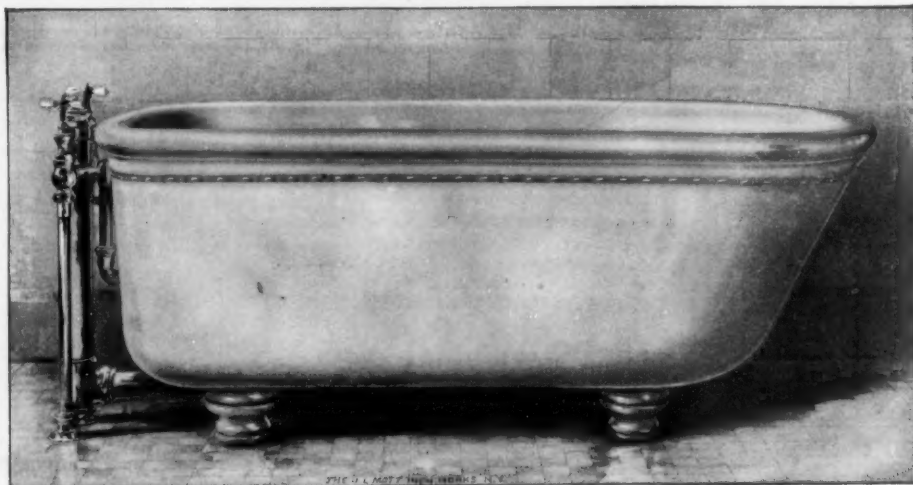
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BUILDING INTELLIGENCE.

(Hospitals Continued.)

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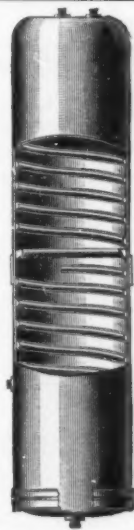
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(Houses Continued.)

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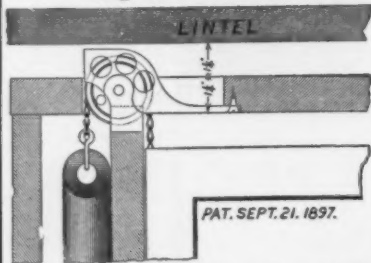
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Philadelphia, Pa. — *Walnut St.*, Nos. 4032-34, 2 four-st'y bk. dwells., 20' 4" x 74'; \$25,000; o. & b., Wm. S. Kimball.

BUILDING INTELLIGENCE (E.)

(Houses Continued.)

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Weehawken, N. J. — *Clifton Park*, No. 200, 2 1/2-st'y fr. dwell.; \$7,000; o., Wm. Landt, Town of Union.

West Hoboken, N. J. — *Spring St.*, No. 425, 2 1/2-st'y fr. store and dwell.; \$7,000; o., G. A. Hoffmann; a., Geo. B. McIntyre.

Yonkers, N. Y. — 2 1/2-st'y fr. dwell.; \$10,000; o., Fisher A. Baker, 2 Wall St., New York City; a., G. H. Chamberlain, 1181 Broadway, New York City.

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(Stables Continued.)

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SCHOOL-BUILDING.

[At Sheboygan, Wis.] The Board of Public Works invites the submission of competitive plans and specifications until 3 P. M. April 2 for the erection of a 10-room brick school-building, including steam-heating, sewer connections, electric wiring, etc., the cost not to exceed \$25,000. 1161

PROPOSALS.

SCHOOL-HOUSE.

[At Atwater, Minn.] Peter Larson, Clerk, Board of Education, will receive bids until April 18 for the erection of a school-building, from plans by Orff & Guilbert, architects, of Minneapolis. 1162

SCHOOL-HOUSE.

[At Vinton, Ia.] W. H. Anderson, clerk, will receive bids until 12 M. April 18 for the erection of a school-building, from plans by Orff & Guilbert, architects, of Minneapolis. 1162

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[At Jonesboro, Ga.] Bids are wanted April 4 for the construction of a Court-house. 1161

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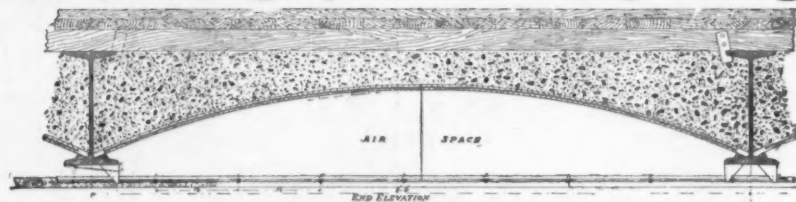
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Dom. { @ 65				
@ 85				
Not sold.				
75 @ 1 00				
75 @ 1 00				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
2 50 @ 2 60				
3 75 @ 4 25				
2 90 @ 3 20				
2 00 @ 2 90				
3 10 @ 3 30				
2 75 @ 2 90				
2 85 @ 3 00				
2 75 @ 3 25				
6 00 @ 7 00				
9 00 @ 10 00				
White Lime P bush				
25 @ 30				
White Mash	1 25 @ 1 50			
1 00 @ 1 00				
Not sold.				
1 00 bulk, 75c.				
Not sold.				
Not sold.				
1 65 @ 1 75				
1 75 @ 1 90				
12 @ 20				
30 @ 25				
1 00 @ 1 25				
Not sold.				
1 50 @ 2 25				
1 75 @ 2 50				
30 @				
30 @				

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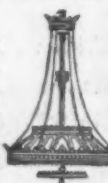
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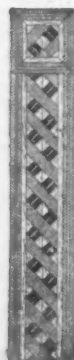


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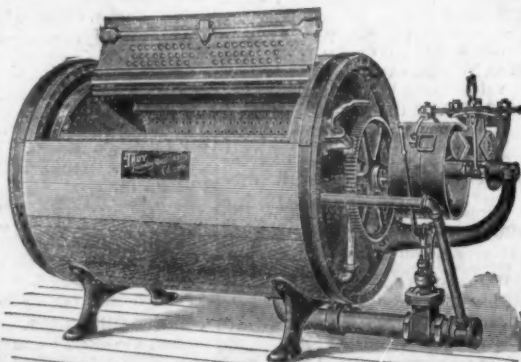
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