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This Issue Contains { Professor Goodyear's Analysis of the Report of the Pisa Commission on the Leaning Tower
Winning Designs, Masonic Home Competition, Grand Lodge of Pennsylvania

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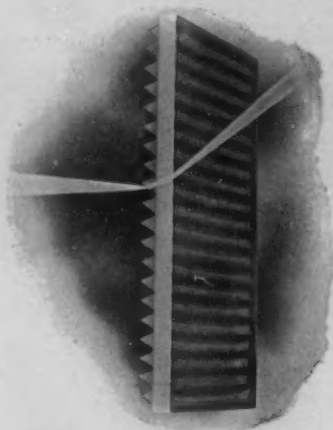


PLATE I. This illustration shows how light rays are bent by means of prism angles.

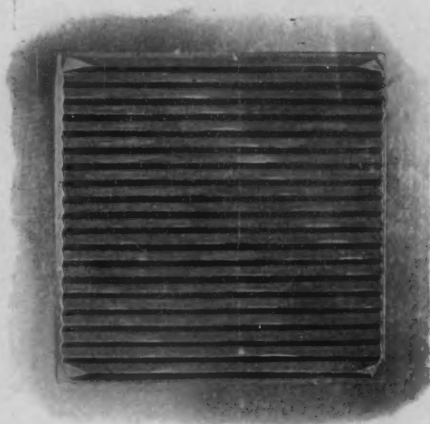


PLATE II. This illustration shows appearance of simple prism square. Note angles on surface.

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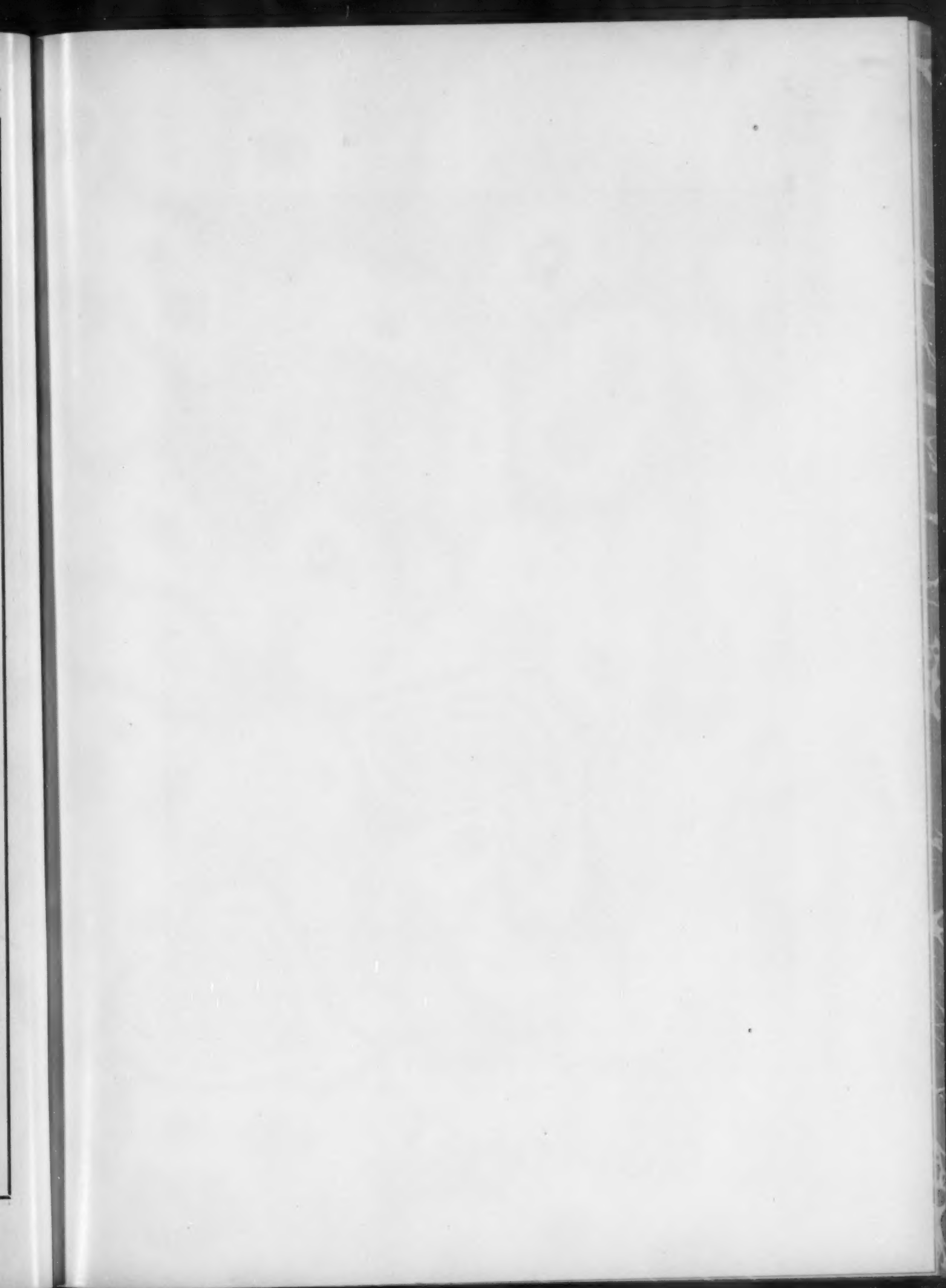
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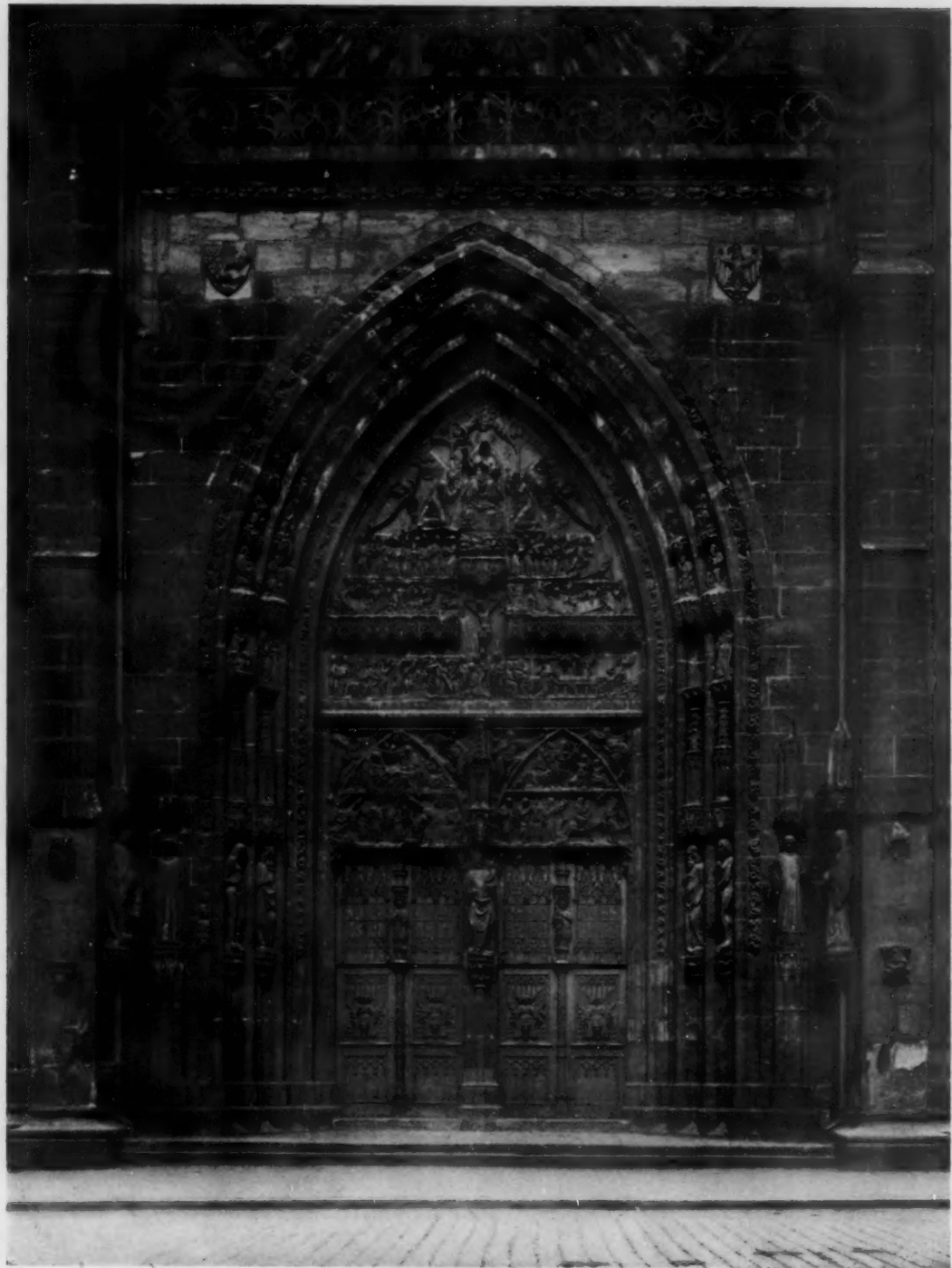
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No. 1814

AN ANALYSIS OF THE REPORT OF THE PISA COMMISSION ON THE LEANING TOWER

By WILLIAM H. GOODYEAR, M.A., Curator of the Department of Fine Arts, Museum of the Brooklyn Institute

Hon. Member Society of Architects of Rome; Hon. Member of Edinburgh Architectural Association; Hon. Member Royal Academy of Fine Arts of Milan; Hon. Academician Royal Academy of Venice; Corresponding Member American Institute of Architects

On the 6th of July, 1910, an Italian Government Commission which had been employed to examine the condition of the Pisa Leaning Tower made its report. The original and specific cause of this Commission's appointment was the welling up of water on the south side of the foundations, which is the side of the overhang.

At the beginning of a five weeks' stay which I made this spring in Pisa, the flow into, and out of the foundation area may have been at the rate of a quarter of a pint to half a pint in five or ten minutes, at the time when I was looking at it.* At this date, about the first of May, the Commission had already been engaged in its work for some time, perhaps six or eight weeks. The Director of the Civic Museum, who was in close touch with its activity, gave me the advice, at this date, that there was no cause for alarm (aside from the appearance of water near the foundation) and that no indications of any recent movement had been discovered.

The atmosphere of security which this statement reflected continued throughout my stay and was also expressed to me by the architect in charge of Cathedral repairs, who is not a member of the Commission. The report itself is also most explicit as to the statement, that it is not able to say definitely that any movement over and above the amount of seven centimeters or less than three inches, has taken place since 1859, the date of Rohault DeFleury's "Monuments de Pise."[†]

It will be one purpose of this article to establish the certainty that even this amount of movement has not occurred since the given date (1859) up to the time of appearance of the report, and as far as its statements are concerned.

The members of the Commission are all citizens of Pisa. It includes some Professors of the University, whose province it is to deal with questions of geology and of scientific observation, but the University of Pisa has no chair of archaeology or art history—neither are the other members of the Commission distinguished as antiquarians. Three of them are prominent architects in a provincial town, which gets along very nicely without any new buildings. The main activity of the Commission is in their hands, as regards computation of figures and the general results of the report. During my visit I made no effort to meet any of these gentlemen, judging that professional courtesy would preclude their discussing the subject of the tower in advance of their report. Moreover it was not anticipated in Pisa, at this time, that the report would have any striking features, aside from the discovery of the ring foundation, which was made known to me.

Since its appearance the report has been widely noticed. A paragraph in the (London) *Architectural Review* for August is one of the best that has appeared and may be quoted here, because it suggests the point of view which will be followed in the two articles to be given to this subject in the *AMERICAN ARCHITECT*. To the second of these articles will be assigned the discussion of recently collected evidence and my measurements of 1910, in the spiral stairway, bearing on the question

of intentional construction. The present paper will be limited almost wholly to the subject of the movement which has occurred since the early part of the nineteenth century.

The *Architectural Review* says:

"It appears that the celebrated leaning tower at Pisa is believed to have been leaning more during the last half century. If this goes on it will soon, no doubt, lean over for good and all. The evidence as to its increased leaning depends a good deal on the acceptance of the accuracy of the measurements of its inclination made by Cresy and Taylor in 1829. They are said to have made it out to be 86.5 millimeters in every meter; to-day it is 92 millimeters. Of course, a tower already built leaning is more likely to feel any movement of the foundation than one that has been built perpendicular. But it is illogical to suppose that because the foundations are settling now, therefore, the original lean was due to a settlement. Bologna has two leaning towers, erected early in the twelfth century. Sixty years afterward a town seventy miles off started another leaning tower; and we are asked to believe that all this is the result of accidental coincidence. The truth, no doubt, is that the towers at Bologna having attracted a great deal of attention, Pisa determined to rival them."

Agreeing with these arguments and also agreeing with the ideas of the *Architectural Review* as to the existence of two entirely distinct questions which are debated in the report, the effort will be made to consider these questions in separate and distinct articles. However, in the synopsis which follows here I shall not hesitate to include some brief notice of the arguments advanced by the Commission on the question of intention, but all presentation and discussion of counter evidence will be strictly excluded from the present article, and its main purpose is to analyze the figured announcements of the Commission.

THE FOUNDATIONS

The opening paragraphs of the report deal with the foundations. They are held to be quite insufficient, because the stone masonry does not go deeper than nine feet ten inches (3 m.) below the base and because they are confined to the cylindrical thickness of the tower, in the corresponding shape of a tube, or ring, and do not extend under the central void (Fig. 1).

These discoveries of the Commission as to the foundations are announced as very discouraging ("sconfortanti"). The report also implies that earlier authorities had laid stress on the strength of the foundations. There are, however, only two authorities on such questions, as regards Pisan buildings, viz., Cresy and Taylor, *Architecture of the Middle Ages in Italy*, (1829) and Rohault DeFleury, *Monuments de Pise au Moyen Age* (1859).

So far from laying stress on the strength of the foundations, Cresy and Taylor state briefly that "nothing is known of the foundations." The section of Rohault DeFleury certainly does represent the foundations as nearly as 7½ meters deep with piles under them. He quotes an Italian workman who saw part of the foundations in 1838 as authority for certain features of his section. He does not, however, lay any stress on the strength of the foundations as affecting the question of settlement. Both Rohault DeFleury and Cresy

*No mention of this flow as to maximum or minimum amount, or as to continuous or intermittent character is made by the Commission.

[†]The report itself refers to a work by DeFleury called "Le Campanile de Pise," with which I am not familiar, but the date of 1859 is mentioned, and its surveys cannot, therefore, differ from those in the work which is more widely known.

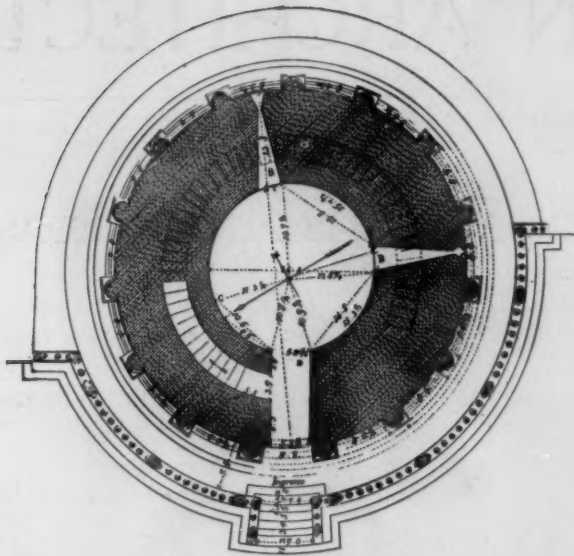


FIG. 1.—Plan of the ground story, Pisa Leaning Tower, as copied from Cressy and Taylor (1829), in Grassi's *Fabbriche Principali di Pisa* (1831).

and Taylor held to the theory of settlement and Rohault DeFleury furnished to the cause of this theory the most important argument which it has ever advanced, viz., the measurements showing that the tower bends towards the perpendicular at each successive story above the first, by a series of additions to the height of every gallery on the overhanging side, thus proving conclusively (according to DeFleury) that the tower was constantly settling to the south during construction and that the first settlement occurred before the second story was begun.

Ranieri Grassi,* who was the most enthusiastic and the most instructive contributor of the modern period to the theory of intentional inclination, says that nothing is now known of the foundations. He does indeed quote a mediæval authority, Michele da Vico, for the strength of the foundations, but only for the reason that he thinks it inconceivable that a writer of the same epoch as the tower would not have known of the settlement, if it had occurred, and if it had occurred he could not have praised the foundations.†

The bold assertion of the report that the newly discovered existence of a ring foundation is a discouraging proof of weakness in the tower, will probably be disapproved by many modern engineers. To confine the area of resistance to the area of pressure appears to have been an economical and sensible proceeding, in spite of the mental agitation which this method has caused in the minds of the provincial architects of modern Pisa.

In cathedral building it was likewise customary to found the piers much more carefully than the intervening spaces. Witness the famous gridiron foundations of Amiens Cathedral.‡ Why should a different method be followed in a tubular tower with hollow interior? If a continuous foundation had been built under the central void, the weight of the walls would have tended to dislocate and separate the ring from it, and the same point holds if the foundations were extended beyond the outer circumference of the area of direct pressure.

Then again the Commission holds a depth of nine feet ten inches (or 3 meters) to have been insufficient depth of founding, and this alleged insufficient depth is said to be a cause for alarm. The contrary is proven by the history of the tower, which is conceded by all students of the subject, in-

cluding those who hold to the theory of settlement, not to have moved or settled since a date shortly after its completion up to the early part of the nineteenth century. Rohault DeFleury represents a solid and continuous foundation $7\frac{1}{2}$ meters deep, but this did not prevent him from believing, as a professional architect, that the weight of the first story was alone sufficient to cause a settlement as soon as it was finished; whereas the present report says that if the foundations were as strong as DeFleury represents them, they would have "amply sufficed for confidence and reassurance as to the stability of the tower." The cause of alarm is certainly not a weakness of the foundations due to bad engineering of the builders. It is rather the water under the foundations. It appears probable that no similar building could resist, indefinitely, its insidious action and that no depth of foundation could forestall ruin, if the underground water course be not diverted. (The report of the Commission continually uses the expression "underground water course," as distinct from underground springs of water.)

As regards this alleged insufficient depth it should be remembered that the art of piling in Venice consists in not driving the piles too deep. If the piles are driven beyond the stratum of clay into the stratum of sand beneath the clay, the foundations become insecure. The Doge's Palace even rests on a mud raft and has fared pretty well, at that. In like manner, supposing that the builders at Pisa had found a stratum of sand beneath a stratum of clay, it would have been unwise to carry the foundations down to the sand. The borings of the present Commission actually mention strata, first of sand, and then of clay mixed with sand, as having been found beneath a stratum of clay. As far as the probable absence of piles is concerned it appears to be simply conclusive proof that the soil under the tower was not swampy or water soaked, when the foundations were laid.

Thus the really "discouraging" circumstance is not the insufficiency of the foundations. It is defective drainage.

According to the report practically nothing had been done during the five months' existence of the Commission to discover and divert the underground water course which furnishes the only real cause of alarm.

Although the fact is not mentioned in the report it must be known to the Commission that there is a ruined underground Roman aqueduct in the neighborhood, which was full of water in the portion exposed to view when I saw it, and with an outflow on the side nearest the tower. It is situated in a garden only 127 paces distant. This aqueduct must have served the Palace of Hadrian which is known to have stood in this locality and the Roman baths which were in the immediate neighborhood.

The first step of the Commission might reasonably have been to dig a trench near, and across, the direction of this outflow, to divert its direction, and to ascertain if this might not remove the cause of trouble. If this possible clue failed to have been a good one, a deep circular trench or a series of adjacent borings in circular arrangement might have been dug around the tower at a safe distance, and much nearer than the borings of the Commission, in order to discover and then divert the underground water course.

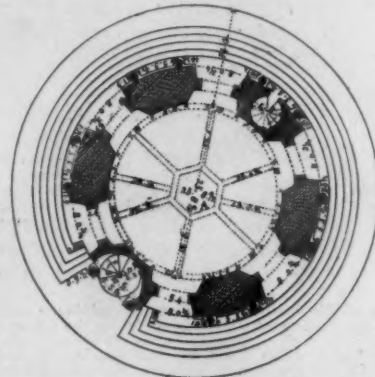


FIG. 2.—Plan of the eighth story, Pisa Leaning Tower, as copied from Cressy and Taylor (1829), in Grassi's *Fabbriche Principali di Pisa* (1831).

*"Fabbriche Principali di Pisa," 1831; "Descrizione di Pisa e suoi Conforti," 1837; "Ragioni dell'Artificiale Pendenza della Torre Pisana aggiunte da Ranieri Grassi a quelle già esposte nella sua Descrizione Storica e Artistica di Pisa," 1838.

†Vico's period was the 14th century. The tower was finished in 1350 (begun 1170). The argument is a good one, because the theory of settlement holds that the tower settled m. 0.70 during construction, and m. 0.80 very soon after. This is necessarily involved in DeFleury's measurements, if they are supposed to be related to a settlement.

‡Durand, *La Cathédrale d'Amiens* I, p. 203.

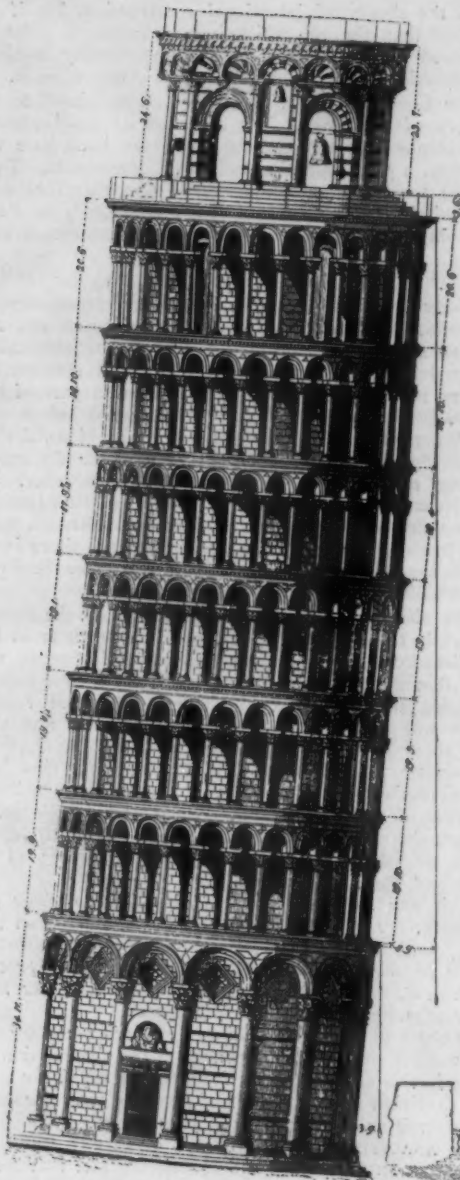


FIG. 4.—Exterior of the Pisa Leaning Tower, as copied from Cresy and Taylor (1829), in Grassi's *Fabbriche Principali di Pisa* (1831).

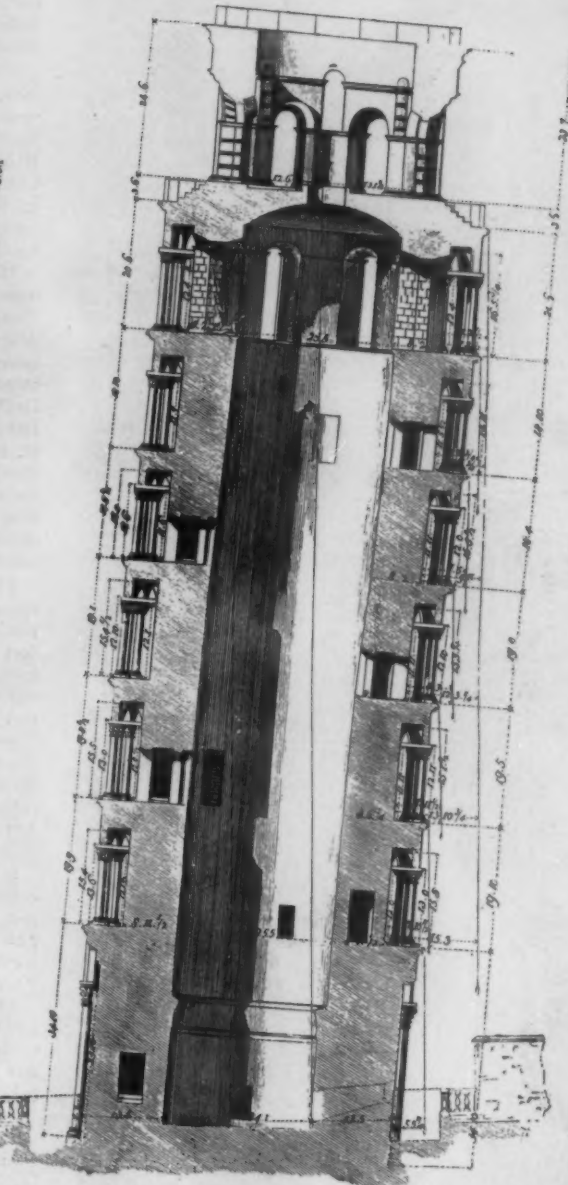


FIG. 3.—Section of the Pisa Leaning Tower, as copied from Cresy and Taylor (1829), in Grassi's *Fabbriche Principali di Pisa* (1831).

All that the Commission has done is to make four borings to a depth of 15 meters and sink tubes of 10 cm. diameter to a depth of 10 meters. These four borings are at opposite and equi-distant points, which are each distant from the tower from $38\frac{1}{2}$ to $34\frac{1}{2}$ meters. Thus they are an average distance apart of 73 meters, which seems an unreasonable excess of precaution. With such limited and widely separated borings it is not remarkable that no important results have so far been obtained as to the cause of the trouble.

The Commission deduces from the fact that the ring foundation has equal depth on all sides that the slope of the tower is an accident. In other words, the base of the ring foundation slopes like the visible base of the tower and this is the supposed proof that the tower leans accidentally. On this point the conclusion of the Commission must again appear to be a very hasty one, and will probably so appear to a multitude of engineering experts, or even to persons who apply ordinary common sense to the given problem. Since the base of the tower (with an outer diameter of 58 feet, or a little

over 18 meters including the base course) slopes downward $1\frac{1}{2}$ meters, and since the masonry foundations are now known to be 3 meters (or 9 feet 10 inches) deep, it follows, if the base of the foundations had been built level, that it would be 3 meters deep on the side opposed to the overhang, and only $1\frac{1}{2}$ meters deep on the side of the overhanging lean. The Commission, therefore, holds that builders who had undertaken to build a leaning tower ought to have given the foundations unequal depth on its opposite sides. This would certainly have been a grand thing for the persuasion of sceptics, but rather dangerous for the tower.

The contrary and correct view would be, however deep the foundations might be, that inequality of depth would be a certain cause of weakness, and that the builders of an intentionally leaning tower ought to make its foundation equally strong and deep on all sides. If they did so, the base of the foundations must necessarily slope like the visible base. Thus the facts from which the Commission has drawn its sweeping conclusion against intention not only appear to be consistent

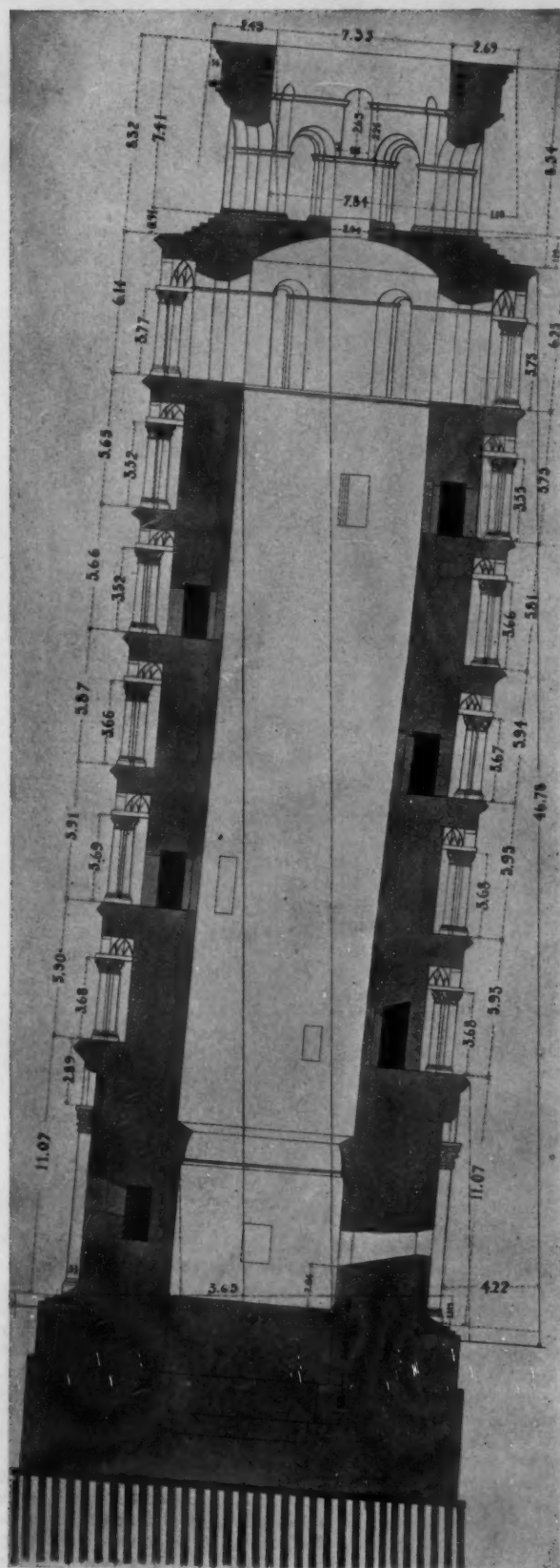


Fig. 5.—DeFleury's 1859 survey of the Leaning Tower; redrawn with omission of unimportant measurements. The drawing is in error, compared with original, as to eighth floor steps. There is one less, north side. Same error in Cresy and Taylor.

with the theory of intentional construction, but if any other method than the one which is now known to exist had been followed by the builders of an intentionally leaning tubular construction, they would have lacked common sense.

The Commission was not, however, appointed to debate the history of the tower. The cause of its appointment was the appearance of water coming up in the immediate vicinity of its base, a very alarming and novel appearance. To ascertain if the tower had recently moved was therefore one of the Commission's chief duties and this could only be accomplished by comparing earlier records with its own measurements.

ESTIMATES OF THE REPORT AS TO RECENT MOVEMENT

The conclusions on the head of recent movement are non-committal and are held by the report to be not reassuring. These conclusions are briefly as follows, although not expressed in these precise words: We find that the tower has moved m. 0.20 since 1829. It may be that part of this movement, to the amount of m. 0.13, occurred before 1859, when DeFleury's *Campanile de Pise* appeared. If so, the movement since 1859 is only m. 0.07, and in this case the movement of m. 0.07 may or may not be of recent occurrence. We doubt the accuracy of DeFleury's survey and cannot express an opinion on this point, or as to whether more than m. 0.07 inclination has occurred since 1859. In that case there is cause for alarm, as a continuous movement may now be in progress, but we decline to express an opinion.

The above matter is a fair statement of the nature of the report in the given particular, but a despatch from Rome was published in New York on the 12th of August, to the effect that the Commission had published a new report recommending that the tower be taken down and rebuilt. This again was followed by news from Rome by way of London, and there dated September 1st, published in New York on September 11th, stating that a more cheerful view is taken by the Commission and that it now recommends "a little strengthening of the foundations." This correspondence, however, repeats the estimates as to rates of inclination per meter which were published in the first report, as holding of the years 1829 and 1910, respectively.

It is one main purpose of this paper to show that these estimates are incorrect and to explain the error on which they are founded. It is a still more important purpose of this paper to show that the results of the Report prove that no movement, not even a movement of m. 0.07, has taken place since 1859, up to the 6th of July, 1910.

In order to make these points clear it is necessary to mention and analyze the figures announced by the Commission and to include in this analysis all the information which the Commission has furnished on the subject of plumb measurements, either as taken by it or as derived from previous surveys.

ANALYSIS OF THE ESTIMATES OF RECENT MOVEMENT

It is an extraordinary and astounding fact that the Commission has not quoted any total plumb of its own, for the present inclination, either for the interior or exterior. This is fairly stupefying. The report has only quoted the measure for inclination between the top of the first story and the top of the seventh story, thus omitting the first story, which is nearly one-quarter of the total axial height to the seventh story, inclusive. This measure was obtained by two different methods, one by sighting instruments, while the other was a plumb. The first result was m. 3.26 and the plumb result was m. 3.265. These measures are properly considered equal and the result is quoted as m. 3.26.

If it could be presumed that the report has made a *twice repeated error of one meter* in its figures, so that m. 3.26 and m. 3.265 were intended to read m. 4.26 and m. 4.265, it would be possible to suppose that the words "between the first and seventh orders" mean from the bottom of the first, to the top of the seventh story, but I am not privileged to assume such an error in the text. If it has been made, it would immediately establish the contention of this article, which is that the inclination figured by the Commission does not, under any circumstances, exceed the inclination which was published by DeFleury in 1859.

There is, however, nothing surprising in the fact that an exterior plumb between the cornice of the seventh story and

the cornice of the first story should be taken by the Commission. The astounding thing is that the supplementary plumb is not quoted for the inclination of the first story, for this is naturally essential to a total estimate of lean for the exterior. Then again it is equally surprising that no total plumb is quoted for the total interior lean, and this, of course, must be plumb by a single line, through the open grating in the floor of the eighth story, down to the pavement. No such plumb is recorded by the Commission. It is incredible that it did not take one, and equally incredible, if it did take one, that it should not be published.

Thus, for the year 1910, all we know from the Commission is that the lean between the "first and seventh orders," computed from the top of the first to the top of the seventh story on the overhanging exterior side, is m. 3.26. The information is furnished, notwithstanding that the total increase of lean since 1829 is m. 0.20. Thus the total increase is published without statement of the total inclination in 1910 from which that total increase must have been computed.

Now comes the farther and paralyzing fact that the Commission does not quote the total lean of 1829, or say what it supposes that lean to have been. The Commission states that it relies on Ranieri Grassi, an Italian authority, for the amount of lean established by the survey of Cresy and Taylor, which it believes to be authentic, but these compatriots of Machiavelli do not say what the Italian authority supposes that lean to be, although they mention that Grassi's work "being in character essentially artistic" may contain "slight errors or omissions" ("con qualche lieve errore e forse con qualche omissione").

THE COMMISSION'S RATES PER METER

How then are the statements of the Commission made? The statements are made in millimeters and by the rate per meter, with the figures quoted from the *Architectural Review*.

This is, no doubt, highly imposing. It suggests an accuracy verging on that supposed to be usual with astronomers and physicists. It has a scientific ring. Almost any one will go down on his knees before a statement in millimeters. The writer of this article, for instance, would have conceived these figures to have had an appalling accuracy; were it not for one simple consideration. This is that Rohault DeFleury has proved that the tower has a different rate of inclination in every story.

Even Cresy and Taylor knew that the tower bends toward the perpendicular, but they were not aware that the bend in one direction was an unvarying law for every story above the first.

The existence of a bend toward the perpendicular above the fourth story was already mentioned by Vasari, in the 16th century, and inspired his explanation as to the occurrence of a settlement, after the fourth story was finished, which had been partially rectified by the builders.

It was, however, reserved for DeFleury to show that the tower straightens toward the perpendicular at every story above the first, by a series of rectifications obtained by increases of height on the overhanging side, so that the sloping height of the overhanging south side is actually m. 0.86 greater at the platform of the eighth story than the corresponding sloping height of the same story on the north side. See measures, p. 109.

Thus while the downward slope of the ground floor is m. 1.50 in an outer diameter of a little over 18 meters, the floor of the eighth story slopes 0.86 less. The amount of the bend is m. 0.30, or one foot. Thus, if the tower were taken down and rebuilt with the same material and with a level base, it would lean one foot to the north in a concave bending line, on the north side, and instead of sloping down to the south, the floor of the eighth story would slope down to the north m. 0.86.

These facts will show that all statements regarding the inclination of the Pisa tower are highly erroneous and misleading, when expressed in the rate per meter. Any average must be much too small at the base, and much too great at the summit. The rate of lean obtained from the lower story, if figured for the total height, would give an excess of one foot, or m. 0.30 above the actual lean of the seven stories. A rate of lean obtained from the seventh story will give a result which is one foot, or m. 0.30, too small, if figured for the total height.

Therefore, an average rate cannot be obtained from, or ap-

plied to, sectional or partial heights of the tower. Considered as an average it may be a correct statement for the entire height of the seven stories usually plumb, but it can be only a correct average when obtained by a division of totals. If we divide the total lean by the total height we obtain an average per meter, but if it only holds true of the total height, and if we know the total lean there is no object in stating this average. It is an apparently imposing, but actually pretentious and unnecessary, mode of statement.

It is for these reasons that stress has been laid on the fact, as very remarkable, that the Commission has not stated any estimates of inclination for total height, either as measured by its own members, or as measured by the authority on which it professes to rely for the record of 1829. The fact is remarkable because its averages, if they were correct, could only be obtained from such totals. The Commission could not obtain a true general average, if it did not know the total leans in 1829 and 1910, and if it did know them it ought to state them. Any other course is highly suspicious.

We gather from these conclusive points against statements by rates of lean per meter that the Commission, which has no antiquarians among its members, is not familiar with the observations of DeFleury as to the bend of the tower, or with the republication of these observations by the leading German authority for the statistics of medieval Italian buildings.*

It also appears from the report itself that the consultation of DeFleury was limited to a single member of the Commission, whose advice was asked, with uncertain results, as to the reliability of a certain plumb measurement. This member appears to have confined his study of DeFleury to this particular detail.

THE COMMISSION'S RATES PER METER ARE INCORRECT

The question as to how the Commission figured out its absurdly incorrect and highly misleading averages is a curious and an important one. An answer to this question is forthcoming, but it must first be shown that the averages, .0865 for 1829, .092 for 1910, are not only necessarily incorrect for sectional or partial heights of the tower, but also that they are incorrect when tested by known totals which are furnished by the authority on which the Commission pins its faith for the record of 1829; incorrect when tested by the plumb of m. 3.26 which is announced for the six stories above the first; and incorrect when tested by the total increase of entire inclination between 1829 and 1910, which is announced as m. 0.20.

All these figures are in error by very considerable amounts when one is tested by another.

The first instance of error to be illustrated is the quotation of .0865 as the rate of lean per meter in 1829. What was this lean? The answer will be given in Cresy and Taylor's own words: Let it be noted first, that all these observations of Cresy and Taylor actually date from 1817, as expressly mentioned on their title page; 1829 is only the date of publication, but it is the date used by the Commission and we may occasionally follow this use. The text of Cresy and Taylor says (p. 52):

THE PLUMBS OF CRESY AND TAYLOR

"The inclination of this tower is in the direction of the line C. B. Plan, Plate XXII (Fig. 1). In order to clear the projecting course, intended as the springing of the vault of the ground floor (Fig. 3) it was necessary to attach the plumb line $2\frac{1}{4}$ inches from the center or north of what should have been the top of its real axis. This spot is marked A on the plan of the eighth story (Fig. 2), 13 feet $\frac{1}{2}$ inch from the inner face of the wall on the lowest side, and 12 feet 8 inches on the other. So attached, the bob fell $3\frac{1}{2}$ inches within the window of the ground floor, marked B in Plate XXII (Fig. 1); 12 feet 4 inches from the real, and 12 feet $6\frac{1}{4}$ inches from the assumed axis—the $2\frac{1}{4}$ inches being added for the deviation in attaching the line at the summit.

"In order to prove whether this inclination of 12 feet $6\frac{1}{4}$ inches was accurate, the line was now attached to the cornice of the seventh story, on the outside at the lowest part, see Plate XXIV (Fig. 4), the projection of which from the real axis is 26 feet $10\frac{1}{4}$ inches, and the plumb fell at the floor of the second story, at a distance of 36 feet 11 inches from the same

* Mothes, *Die Baukunst des Mittelalters in Italien*, II, 736-738.

axis, giving 10 feet $\frac{3}{4}$ inch as its want of perpendicular. It was then suspended to the cornice of the ground story, which projects 28 feet 4 inches, and it fell 30 feet $10\frac{3}{4}$ inches from the center, or 2 feet $6\frac{1}{4}$ inches inclination, which, added to 10 feet $\frac{3}{4}$ inch, makes the total deviation on the outside 12 feet 7 inches, differing only $\frac{3}{4}$ of an inch from the first experiment."

This quotation illustrates the point that all inclinations of the tower must be estimated to axial centers, by a computation based on half diameters, to which are added, or from which are subtracted, the other known measures.

The quotation will also bear on another point. It will appear later on that the Commission could not obtain the book containing this text and that it did not send any of its members to consult it elsewhere. Its information as to the 1829 record was derived from plates republished in Pisa in 1831, *without the authors' text*. But the preceding quotation shows that Cresy and Taylor's explanations in text are essential to the comprehension of their drawings and that they are also essential to correct the errors of these drawings. Note, for instance, that Fig. 3 does not exhibit figures for the position of the plumb-bob on the window ledge and that it would be hopeless to figure it accurately from scale. Note also that Fig. 3 contains an important error as to the point from which the plumb line was dropped from the eighth story platform. The text says that the line was distant 13 feet $\frac{1}{2}$ inch from the inner face of the wall on the lowest side, but Fig. 3 makes the position 13 feet $1\frac{1}{2}$ inches. The text says that the line was distant 12 feet 8 inches from the north wall, but Fig. 3 makes it distant 12 feet 6 inches. *The figures are correctly given in Fig. 2 for the platform plan of the eighth story, but here they are not self-explanatory, and they need the text.* Moreover the point A is quite to one side in Fig. 2.

It is evident that the Commission was taking great chances when it made a report without sending one of its members to the British Museum Library, supposing, which appears absolutely incredible, that no public library in Italy possesses a copy of Cresy and Taylor. There are five copies, at least, in New York City. We have now to show what were the consequences of taking these chances.

Accepting the total interior plumb, established by text as 12 feet $6\frac{1}{4}$ inches (m. 3.82) and the total exterior plumb as 12 feet 7 inches (m. 3.84), we will adopt the mean, m. 3.83, as the total of Cresy and Taylor's plumb.*

CORRECTION FOR THE HEIGHT BELOW THE WINDOW LEDGE

We have next to consider, in the matter of the interior plumb, that the plumb-bob rested on a window ledge which is (by DeFleury's measure) m. 2.04 *above the present and proper floor level*. (Fig. 5.) We have also to consider, as shown by Fig. 3, that the interior floor level did not slope as it does now, and that it was raised by earth, or rubbish, nearly to the window ledge. Therefore a plumb could not be taken to the present ground floor of the tower. The same point appears for the exterior plumb. There was a filling in of earth or rubbish, which covered the base of the tower to a height of nearly 3 meters (Fig. 3). As late as 1838, when Grassi made his third publication on the tower, he considered it a great feat to have dug down at one point to the true base on the south side and to have thus proven that the columns, base, and base courses corresponded to those on the upper side. The filling in was not cleared away until 1839.

If we compare DeFleury's survey (Fig. 5) it will appear that the inner edge of the window ledge is at a considerable height above the present exterior sloping platform. This platform starts below the level of the present interior floor and *continues its inclination*. Thus, compared with the point where the exterior plumb will drop at the present day, the level of Cresy and Taylor's plumb will be farther from that point than the interior plumb to the window ledge was distant from the interior floor.

Thus, if we wish to compare plumbs of the year 1910 with those of 1817, on a fair basis, we must add to the 1817 plumb an estimate for an additional interior inclination for a sloping

height of m. 2.04 (Fig. 5). Although the difference was even greater for the 1817 exterior, we will figure at the same rate, which must be, not the false rate of the Commission, but the actual rate for the lower story in 1817.

This rate was the plumb 2 feet $6\frac{1}{4}$ inches. = m. 0.77, divided by the height m. 11.07—2.04. The rate per meter for the lower story was therefore .085. The additional allowance must be $2.04 \times .085$, which is m. 0.17. The total corrected Cresy and Taylor mean plumb was therefore m. $3.83 + m. 0.17$ or m. 4.00, which we shall quote, from now on, as the "corrected" 1817 plumb.

It will be remembered that the Commission has announced a total increase of m. 0.20 since 1829 and it thus appears that such an increase, within 3 centimeters, would result from omitting to consider the height of the window ledge from the present floor. The Commission has made worse blunders than that, but it is not certain whether or no it has committed this error and from now on we must figure on both theories. We shall find the Commission to be always in error, on either hypothesis.

ERRORS IN THE COMMISSION'S RATES PER METER

What was the true average lean, in millimeters per meter, in 1817? Here we ought to figure on DeFleury's axial height instead of Cresy and Taylor's. DeFleury's increase of axial height is due mainly, but not wholly, to the additions to the height of the south side, which he discovered (see heights, p. 109). If we use DeFleury's height for the south side, which would be the proper thing for an exterior plumb, it will be m. 0.93 longer than Cresy and Taylor's united measures. This would add about m. 0.085 to the total lean at the rate of .092 per meter. *This is greater than the amount which has led the Commission to suppose that a movement may have taken place since 1859.* In axial heights, as distinct from south side heights, and the former ought generally be used in computation of interior plumbs, DeFleury's height is m. 0.54 nearer right than Cresy and Taylor's (m. 47.54, as against m. 47.00). This would make a difference of m. 0.05 in estimating on a total height with .092, as the rate for 1910; *but the actual rate in 1859 and in 1910 was much higher* (proof later on).

However, one main point of this research must be not only to find the truth, but also to find what the Commission has supposed to be the truth. The Commission undoubtedly used the Cresy and Taylor heights. Its estimates were thus exposed to necessary error, but this was the least of its mistakes.

The Cresy and Taylor axial height is m. 47.00 to the floor of the eighth story. Multiply that by the Commission's rate for 1829, which is announced as .0865, and the result is m. 4.06, which is m. 0.06 more than the true or corrected plumb and m. 0.23 more than the plumb published by Cresy and Taylor.

It may be said that m. 0.06 is not a large difference, but it must be remembered that the Commission has based its entire agitation about the tower on the point that it *may* have moved m. 0.07 since 1859.

We will now try the Commission's rate of .092 per meter in 1910 on the Cresy and Taylor axial height. It gives as result m. 4.32. Compared with m. 4.06, the total increase would be m. 0.26, but the Commission says that the total increase was m. 0.20. Compared with m. 3.83 (Cresy and Taylor's mean published plumb) the total increase would be m. 0.49 instead of m. 0.20.

We will now test the Commission's plumb (m. 3.26) on the six stories above the first. Cresy and Taylor's plumb for the same six stories is 10 feet $\frac{3}{4}$ inch (see quoted description), which is equal to m. 3.07.

The increase for these six stories alone would thus be m. $3.26 - m. 3.07$, or m. 0.19. Thus the Commission is in the singular position of announcing that the total increase is m. 0.20 and also of being obliged to admit that this is the increase, within 1 centimeter, *when the lower story is not considered* and this lower story is nearly one-fourth the whole axial height (m. 11.07 is DeFleury's measure).

Here, therefore, is positive proof that the Commission did not know what the Cresy and Taylor plumb really was.

Try the magic formula m. 0.0055, which the Commission says is the average rate of increase per meter (m. $0.092 - m. 0.0865$). Divide the total increase, announced as m. 0.20, by m. 0.0055 and we obtain the axial height on which the rate per

*The foot is figured in this article at m. 0.305. This estimate is taken from a metal tape, showing feet and inches on one side and showing meters, centimeters and millimeters on the opposite side. When inches are translated into centimeters, the figures are taken directly from this metal tape.

meter was figured. The result is m. 36.36. *The astonishing thing about these figures is that m. 36.38 is the Cresy and Taylor axial height for the six stories, above the first, whereas the total increase announced by the Commission, when divided by the rate of increase announced by the Commission, ought to give the total axial height, but the result is short, exactly the height of the lower story.* The mathematical chances against an accidental coincidence are almost incomputable. Mathematicians would probably hold that convincing proof had been found that the total increase had been obtained from the rate of increase, by figuring on the axial height of the six stories on which the Commission's only quoted plumb was taken. See table of axial heights, p. 109.

This article offers no opinion as to whether an amazing coincidence or a real clue has been found at this point, for if the Commission had tested its own rates of inclination per meter on the given axial height, they would produce m. 3.14 instead of m. 3.07 and m. 3.34 instead of m. 3.26. The difference would, however, still be m. 0.20.

Two points, at least, are definitely proven by these last comparisons. (a) The Commission either did not know what the Cresy and Taylor exterior plumb for the six upper stories (Figs. 3, 4) really amounted to, when figured to axial centers, or else it did not make use of its knowledge for a contrast with its own plumb. (b) If the Commission's results of m. 3.26 are authentic for the six upper stories in 1910, its announcement of m. 0.20 increase is not authentic.

What does this maze of figures show? They show where the Commission's methods of figuring lead. They lead to a straight-jacket for any one who tries indefinitely to reconcile their very contradictory results.

Clearly there must be a loose screw somewhere in the figuring of the Commission. That loose screw has been found and thereby hangs a tale.

THE CLUE TO THE COMMISSION'S ERRORS

Ranieri Grassi, an excellent Pisan engraver, a good historian and antiquarian, and an enthusiastic demonstrator of the intentional construction of the Leaning Tower, published a three-volume book in 1837,* whose second volume is devoted to the religious monuments, and several interesting pages are given to the tower. Grassi very rarely furnishes measurements for his own observations, but he has included a few main statistics in a table of measurements. In this table he says that "the wonderful interior inclination is m. 3.404" and that "the wonderful exterior inclination is m. 4.32." The statement is also made in braccia so that there is no question of a mistake in proof. Now Cresy and Taylor make the exterior and interior measures agree within $\frac{3}{4}$ of an inch, giving the mean of m. 3.83, to which neither of Grassi's statements remotely corresponds and their difference is m. 0.916.

Grassi's figures puzzled me mightily, when attentively read and considered, which was only at recent date. Long and oft have I pored over them, in the weeks since the report of the Commission appeared. For be it known to all men that the Italian authority on which the Pisa Commission has relied for its knowledge of Cresy and Taylor's measures is this same Ranieri Grassi, but the book which is used as authority in its report is his "*Fabbriche Principali di Pisa*," which appeared in 1831. This work is practically unknown, not quoted by antiquarians, not familiar to scholars. Even the title is not mentioned by the report, which only mentions the author and the date. The only copy on the market in Europe reached the Brooklyn Museum library a few days ago. A few minutes' examination of it gave the clue which will now be followed.

The "*Fabbriche Principali*" is a folio of excellent old-fashioned, original engravings, from Pisa and its neighborhood, designed by Grassi himself, and it also contains excellent re-engraved copies of 17 out of 30 of the Cresy and Taylor drawings and surveys, with the English measures, but Grassi has not republished or translated the English text. He has written a very good text of his own. Now the Cresy and Taylor measures for the inclination of the tower are described in the text which has been quoted. Without that text they cannot be computed. For instance, as regards the exterior plumb, the total diameter of the eighth story floor is not entered on Fig. 3. Above all, the position of the plumb-bob, " $\frac{3}{2}$

inches within the window," is not, and could not be, figured. The scale is too small.

We now begin to understand why the Commission does not quote the basis of its estimates for 1829, and why the Cresy and Taylor plumbs are not even mentioned. In more than one passage of the report the Commission deplores its failure to obtain a copy of Cresy and Taylor, but it was so sure that Grassi would serve the purpose (if it did not quote his measures) that no member of the Commission was sent to a library, for instance, that of the British Museum, where the original text could have been studied.* It is probable that the Commission took a total interior plumb, but feared to quote it, lest the quotation should involve the necessity of referring to Grassi's measures, which it did not entirely trust or understand.

So, likewise, may be explained the absence of an exterior plumb for the first story. Such a plumb must have been taken, but the Commission may have preferred not to publish it, because of uncertainty about the standard for 1829, and it did not take the trouble to seek light in some library outside of Pisa. It was recently willing to take down the tower and rebuild it, but that could be done without leaving Pisa. One begins to realize that these gentlemen are not antiquarians.

Now as to Grassi's statement about "the wonderful exterior inclination of m. 4.32," which was made in 1837. This statement occurs in exactly the same words, but with English measures, in the "*Fabbriche Principali di Pisa*," as 14 piedi 2 pollici $\frac{1}{4}$, i. e., 14 feet $2\frac{1}{4}$ inches.

Here, therefore, Grassi has simply recorded the inclination on the every-day guide-book, or rule of thumb, system of not measuring through to interior axial centers. The exterior plumb (in Fig. 4) is figured as taken for the six stories above the first from cornice to cornice, without the computation to axial centers, which is found in the Cresy and Taylor text. The plumb for the first story is quoted just as it is figured, viz., to the exterior of the wall, as shown in Fig. 3 (thus ignoring the projection of the column to which the lower measure is taken in Fig. 4, and this method as to the column is expressly explained in Grassi's text). The result is 14 feet $2\frac{1}{4}$ inches, or as stated in the 1837 book m. 4.32 (literally m. 4.319). This is m. 0.48 more than the inclination as figured to axial centers and described in the quoted text by Cresy and Taylor, viz., m. 3.84 (or 12 feet 7 inches).†

What did Grassi mean, in 1837, when he said that "the wonderful interior inclination is M. 3.404"? The answer is now found in the "*Fabbriche Principali*" of 1831. Instead of referring to the interior plumb through the grating of the eighth floor, as would naturally be expected, he is referring (but without saying so) to the interior plumb from the top of the sixth story on the north side (Fig. 3). Grassi has thus evaded the difficulty of computing the results of the plumb through the grating. The result of the north side sixth story plumb is directly entered on the survey and Grassi either did not have, or could not understand, the English text, as to the other plumbs. As to consulting the English surveyors on the spot, it will be remembered that the observations were made in 1817, but not published until 1829 and not copied by Grassi until 1831.

When I observed, a few minutes after my first consultation of the "*Fabbriche Principali*," that Grassi's text records only one interior plumb; that the identical words were used in describing it which appear in his book of 1837, and that the measure, instead of being stated in braccia and meters, is stated in English measures as "11 piedi 2 pollici $\frac{1}{4}$," the first clue to the cause underlying the error of the Commission was found. 11 feet $2\frac{1}{4}$ inches are equal to m. 3.41.‡

So much of the mystery was solved. The next step was to ascertain whether the Commission had figured its rate of inclination per meter for 1829 on this sixth story plumb. The figures will tell their own story, but before quoting

*The news was published in London about a month after the report appeared, that the Italian embassy had obtained tracings for the Commission from the original drawings in the British Museum. No mention is made as to a copy of the text and without that text it is doubtful if the original drawings would better the situation.

†It had already occurred to me to figure out the m. 4.32 from the exterior plumb in the original Cresy and Taylor, but the effort failed because there is an error of one foot in the English original on the tower exterior plumb. This error was corrected by Grassi. His figure, in Fig. 4, is correct. The English edition has 2.9. It should be 3.9, as in Fig. 4.

‡The figures m. 3.404 are not quite accurate.

*Descrizione di Pisa e suoi Contorni.

them, let us notice once more the elementary error which caused the puzzling discrepancies in the statistical statements of 1837 and 1831. Grassi has stated the total "wonderful exterior inclination" on the basis of Cresy and Taylor's own figures, but from these same figures Cresy and Taylor correctly compute the inclination at m. 0.48 less. When Grassi quoted the "wonderful interior inclination," meaning that from the sixth story, he did not consider the differences of diameter in the interior tubular well of the tower which he has himself published. He has quoted a plumb but he has not quoted a true inclination, which must, of course, always be stated from the standpoint that the surface of inclination is conceived as continuous.

Now the Commission also evaded the problem of the window ledge, just as Grassi did. It saw that 11 piedi 2 pollici $\frac{1}{4}$ was the only plumb recorded on the plates of Grassi in figures which do not (apparently) involve computation.

The rate of .0865 is figured on this plumb, but the Commission has forgotten to notice that the diameters vary in the cylindrical well of the tower, and that although 2 feet $2\frac{1}{4}$ inches is a recorded plumb it is not a record of inclination. The diameter of the cylindrical well, below the ridge which marks the springing of the intended dome that was never built over the lower part of the first story (Fig. 3), is 24 feet 1 inch, and the half diameter is 12 feet $\frac{1}{2}$ inch. Above this ridge the diameter is 25 feet 5 inches and the half diameter is 12 feet $8\frac{1}{2}$ inches. The difference between these diameters is 8 inches, or m. 0.20.

It is evident, therefore that the inclination must be m. 3.61, instead of m. 3.41, because to compute a true inclination we must presuppose equal distance of the inclined surface from the axial center. If the Commission had figured a rate per meter on a true record of inclination up to the sixth story, its rate would have been incorrect for the additional height, for reasons already explained, because the true rate would continue to diminish on account of the bend of the tower. Some approximation to the truth, however, would have been obtained. But the rate as it was figured was estimated on a plumb which gave m. 0.20 less than the inclination.

SOURCE OF THE COMMISSION'S ERRONEOUS RATE PER METER FOR 1829

The proof may now be offered that the rate of .0865 for 1829 was obtained at this point by this misleading record.

Cresy and Taylor's axial height for the lower six stories is m. 39.65. If we divide m. 3.41 by m. 39.65, we obtain m. 0.086, which is the Commission's rate, within half a millimeter.

If we multiply m. 39.65 by .0865 we obtain m. 3.43, or within 2 centimeters of m. 3.41. A very slight variation in the method of figuring feet into meters or a slight error of addition in obtaining the axial height from the summed-up heights of the several stories would account for this difference. (In this article the foot is figured at m. 0.305.)

The general average rate, in 1829, for the given height, if properly reckoned on the real inclination, from the sixth story down would have been m. 0.091 (i. e., m. 3.61 divided by m. 39.65), and yet it is positive that the rate .0865 was obtained from the sixth story plumb.

DEFLEURY'S PLUMBS IN 1859

We arrive now at a curious confirmation of our analysis of the method by which the two rates .0865 and .092 were obtained by the Commission.

In 1859 DeFleury published a plumb, at the same point, of m. 3.65 (see Fig. 5). The strong probability that the Commission took a plumb of its own from the sixth story and that it was equal to DeFleury's will not escape the reader. For if the reader will kindly divide 3.65 by 39.65, he will find the result to be .092, which is the rate announced by the Commission for 1910. Here is also one of the promised proofs that the movement discovered by the Commission took place before 1859, for the difference between m. 3.41 and m. 3.65 (or between m. 3.61 and m. 3.85) is 0.24 and that is 0.04 more than the m. 0.20 announced by the Commission, with an additional increase still to be heard from, for an additional height of m. 7.05 (left side) or m. 7.29, axial height. (We are now using DeFleury's heights, as we naturally must do in figuring true inclinations, and now that we have carried the search for the source of the Commission's errors to a successful result.)

DeFleury's true inclination at the sixth floor level was, of course, m. 3.85 and not m. 3.65. Thus the rate per meter on DeFleury's axial height of m. 40.24 for the six lower stories would have been, not 0.92 but .0955. The rate in 1859 for this height was, therefore, .0035 greater than the Commission's rate in 1910 for the same height. Here is another of the promised proofs that the inclination announced by the Commission in 1910 does not exceed the inclination of 1859.

Although this rate of .0955 is too great for the remaining height, on account of the bend toward the perpendicular, we will apply it, in order to test DeFleury's plumb from the grating of the eighth story. The result is m. 0.69 (on the additional axial height m. 7.29) and the total lean would thus be m. 4.54, but DeFleury's own plumb at this height is much better authority than an estimate on an average rate which we ourselves know to be too high. DeFleury's plumb figures m. 4.50 on his survey (Fig. 5).*

This is also the amount quoted from DeFleury's surveys by Mothes, whom we have already mentioned as the best German authority on the statistics of Italian architecture.†

There is abundant corroboration for the authenticity of DeFleury's measurements for this eighth story plumb of 1859. His exterior plumb of m. 4.22 (Fig. 5) may be compared, for example, with Grassi's corresponding figures for exterior plumbs, without figuring to centers, and simply by comparing results as obtained to the same points at different times. DeFleury's exterior plumb was taken to the face of the column. Grassi figures to the wall surface. Add, therefore, the columnar diameter m. 0.515‡ to m. 4.22 and we have m. 4.735, and subtracting Grassi's 1829 exterior result we have m. 4.735—m. 4.32, giving m. 0.415 increase in 1859 to the given point. But this point (see Fig. 5) is m. 2.10 higher than the level point which corresponds to DeFleury's interior plumb by continuing the sloping inclination of the interior floor to the related point on the exterior plumb line. The length of the plumb line to the point of the m. 4.22 plumb was m. 46.78. The rate is, therefore, .09 per meter. The additional lean for m. 2.10 would, therefore, be m. 0.10; and m. 0.415 + m. 0.10 = m. 0.605 is the total increase over Cresy and Taylor's corrected plumb. Doubtless this is rough figuring, but my only point is to show that DeFleury's interior inclination of m. 4.50 is not too large and that its high amount is fully authenticated by the DeFleury exterior plumb, as it also is by the sixth story DeFleury plumb.

CONCLUSIONS OF THE ANALYSIS

What was the total accidental lean between 1817 and 1859? It was apparently m. 0.50 (i. e., m. 4.50—m. 4.00) instead of m. 0.20, as supposed by the Commission.§ I conclude that the tower has not moved since, because m. 0.20 allows a margin of m. 0.30 for the mistakes of the report and this may be considered a safe margin for the belief that the tower has not moved since 1859.

The Commission has made the incomprehensible announcement that its own estimate of inclination exceeds DeFleury's total inclination by m. 0.07, and that if DeFleury's plumb from the sixth story is correct, 0.13 of the 0.20 occurred before 1859.

According to this statement the Commission must have found either an inclination of m. 0.57 or one of m. 0.74, for it has accepted Cresy and Taylor's 1829 results and these figure m. 3.83 (uncorrected) or m. 4.00, with correction for the height below the window ledge.

It is scarcely worth while to debate the cause of these enor-

*The line hangs against the north edge of the open grating on the eighth floor and strikes the ground floor m. 0.22 from the south side of the wall. If the line were hung from the axial upper center, the bob would be half the diameter of the opening (or m. 1.02) farther to the south. In other words, the bob which is now distant from the ground floor

axial center $\frac{7.39}{2} - 0.22$ would be distant from the same center

$1.02 + \frac{7.39}{2} - 0.22 = 4.495.$

†Die Baukunst des Mittelalters in Italien, II, p. 738. "Der oberste punkt der Achse hängt gegen den untersten etwa $4\frac{1}{2}$ M. nach Süd über." In his own text of the "Monuments de Pise" DeFleury neither describes his plumbs, nor does he compute their results. This is left to the intelligence of his expert readers.

‡Obtained by subtracting 3 ft. 9 in. (Fig. 4) from 5 ft. 5½ in. (Fig. 3). DeFleury gives m. 0.53 for the corresponding column on the north side.

§It appears probable that the serious earthquake of 1846 was the cause of this movement.

mous discrepancies. One tentative explanation of the astonishing contrasts between fact and fancy which are revealed by this analysis of the report is that the Commission accepted, as the starting point of its computation, Grassi's result which was obtained by figuring the exterior plumb, without reference to vertical planes, at m. 4.32. In that case the Commission started from a figure which was an excess of m. 0.32 over the corrected Cresy and Taylor result of m. 4.00 and an excess over the published Cresy and Taylor result (m. 3.83) of m. 0.49.

Another tentative explanation would be based on the known fact that the Commission underestimated the DeFleury inclination at the sixth story by 20 centimeters and this would certainly, and in any case, lead to the presumption that it either did not figure out, or did not credit, the measures which establish an m. 4.50 inclination for the plumb through the eighth floor.

Another hypothesis would be that the report had made an error of one meter in its figures m. 3.26 and m. 3.265, that these should have been m. 4.26 and m. 4.265 and that the words "between the first and seventh orders" mean between the bottom of the first and the top of the seventh story. In that case the DeFleury inclination must have been figured at m. 0.07 less than m. 4.26, when it is really m. 4.50.

The subject may now be abandoned with a conclusion which will certainly find sympathizing supporters among all those who may have been tired or confused by the foregoing mass of figures. The following conclusion appears to be beyond debate:

COMPARISONS OF PLUMBS AS CONTRASTED WITH COMPARISONS OF COMPUTED INCLINATIONS

It is evident that comparisons of surveys, of present date, of the Leaning Tower, when made with those of older dates, are under great disadvantages if the modern survey undertakes to establish the true amount of present inclination. The more strictly scientific and accurate the present survey may be, the greater is the possibility that some discrepancy of results may be due, not to movement in the tower, but to inferior accuracy in the older record or in the older methods. One striking instance of this possibility may be mentioned here. DeFleury's figure for the diameter of the well at the ground floor of the tower is m. 7.39, and this diameter appears to be verified by the Commission, which reckons this same diameter at "about m. 7.40." Now this diameter exceeds that of Cresy and Taylor, which is 24 ft. 1 in. (Fig. 3) by m. 0.045. Whichever party be in error, this difference would make a difference in the computation of half diameters for the figuring out of axial centers, of half that amount, or m. 0.022. In order to make fair comparison that amount must either be added to the Cresy and Taylor inclination or subtracted from the inclinations of 1859 and 1910. If, for instance, the Commission had otherwise correctly figured an increase of m. 0.20 it should be corrected to m. 0.178. If it had otherwise correctly figured an increase of m. 0.07 since 1859 that increase would be diminished to less than m. 0.05, i. e., less than 2 inches. Other points might be mentioned which affect such computations. An error of m. 0.05 as to thickness of the lower tubular wall at a given point, based on measurements made at some other point and on the certainly mistaken presumption that there is no builder's error to be considered, would make the difference of another inch.*

A vastly more important possible cause of difference, even in figures which are based on the same plumb, lies in the possibility that one measure has been taken to level and that the other has been taken to slope. Thus DeFleury's plumb of m. 3.365, from the sixth story, is measured to level (Fig. 5). If it were measured to slope it would be at least 10 centimeters more.

All this leads to the point that comparisons which are made to test movement in the Leaning Tower should not be compari-

sons of computed inclinations. They should be comparisons of plumbs made from the same point and in the same way.

To ascertain the movement since 1817, computations and comparisons of inclination are not only open to obvious doubt, but they are also wholly unnecessary.

The question, as to what movement in the tower has occurred since 1817, can be settled with absolute certainty in one short half hour by dropping a line through the eighth-story grating to the ground floor so that the plumb-bob strikes "3½ inches within the window."† All that remains to be done is to measure the distance of the line to the north of the central axis of the eighth story from that axis. Subtract 2¼ inches and the increase of inclination has been determined.‡

It is a pity that the Commission did not apply this simple test. Who will do it? And when?

TABLE OF MEASURES

Table showing the various heights in the stories of the Leaning Tower as figured by Cresy and Taylor and Rohault DeFleury. The table also gives the Cresy and Taylor heights in meters, and the axial heights for different elevations and their variations in the two authorities. It also tabulates the increases in height on the south side of the tower, which were discovered by DeFleury. The foot is reckoned at m. 0.305 (from metal tape) and inches are taken in centimeters from metal tape.

CRESY AND TAYLOR. Feet and Inches.				DEFLÉURY. Meters.			
North.			South.	North.			South. side excess.
3. 6	Seventh story.....	3. 6	0.91	Seventh story...	1.29	0.38	
(platform)			(platform)				
20. 6	Sixth story.....	20. 6	6.14	Sixth story...	6.25	0.11	
18.10	Fifth story.....	18.10	5.65	Fifth story.....	5.73	0.08	
17. 9½	Fourth story.....	18. 4	5.66	Fourth story.....	5.81	0.15	
19. 1	Third story.....	19. 0	5.87	Third story.....	5.94	0.07	
19. 8½	Second story.....	19. 5	5.91	Second story.....	5.95	0.04	
19. 9	First story.....	19.10	5.90	First story.....	5.93	0.03	
34.10		34.10	11.07		11.07	0.00	
154.0		154.3	47.11		47.97	0.86	
M. 46.97		M. 47.04					
Axial height.			Axial height.				
ft..... 154. 1½			M. 47.54				
M..... 47.00							
Height of six stories above first.			Height of six stories above first.				
North.		South.	North.		South.		
119 ft. 2 in.		119 ft. 5 in.	M. 36.04		M. 36.90		
Axial height.			Axial height.				
119 ft. 3½ in.			M. 36.47				
M. 36.38							
Height of six lower stories.			Height of six lower stories.				
North side.		South.	North.		South.		
130 ft.			M. 40.06		M. 40.43		
Axial height.			Axial height.				
M. 39.65			M. 40.24				
Height of seventh story and platform.			Height of seventh story and platform.				
24 ft.		24 ft.	M. 7.05		M. 7.54		
Axial height.			Axial height.				
24 ft.			M. 7.29.				
M. 7.32		M. 7.32					
Axial height.							
M. 7.32							

*Of course, the position from which the greatest inclination is obtained must also be chosen.

†The sixth-story plumbs of 1817 and 1859 cannot be tested on this principle because the Cresy and Taylor plumb could not strike the present floor (compare Figs. 3 and 5) and because the 1859 plumb did not, as regards the measure, because it was taken to level, not to slope (see Fig. 5). It may be that the Commission took a plumb from the sixth story to the floor, which therefore exceeded DeFleury's figure in the record, but which did not exceed it in fact. This may explain the belief of the Commission that its recently measured inclination exceeds DeFleury's. As reckoned by scale, the difference between these two plumbs, if supposed to be absolutely identical in fact, would differ at least 10 centimeters in record, if one were taken to level and the other to slope. My own opinion is that all plumbs of this character should be reckoned to slope, not to level, otherwise the building is not considered as a unit.

*Foot decimal 0.30 is an average allowance for builder's error in medieval work. A builder's error of 4 inches as to varying thickness of wall would be easily possible.



STUDY OF ELEVATION OF PLAN OF THE GENERAL GROUP

WINNING DESIGNS OF MASONIC HOME COMPETITION AT ELIZABETHTOWN, PA.

The drawings published in this number of *THE AMERICAN ARCHITECT* are the result of a "Competition to Procure a General Plan and an Architect for the Committee on Homes of the Grand Lodge of Free and Accepted Masons in Pennsylvania."

The site of the enterprise, consisting of some 950 acres, is near Elizabethtown, a small town between Lancaster and Harrisburg in the center of the State. It is amid a rolling agricultural country which has been brought to the highest point of cultivation. As stated in the programme, "The Home' is intended to be literally such; having the character of a place of comfort and protection for the members of a family rather than of a retreat for 'inmates.' To this end the buildings should have an aspect of dignity and hospitality, avoiding, as far as possible, an institutional appearance. Grounds are to be treated as for pleasure of the residents and every effort directed toward conditions making for peace, comfort and contentment."

The programme was written by Professor Warren P. Laird, of the University of Pennsylvania, who was the Committee's Professional Advisor. The competition was judged by a jury composed of the Advisor and two others elected by the competitors. These other two proved to be Mr. Frank Miles Day, of Philadelphia, and Mr. Walter Cook, of New York. There were three invited and paid competitors, who, together with 30 others from the open field, submitted drawings for the consideration of the jury.

There were ten drawings required with the option of extending them to not more than thirteen. From three to five at a scale of fifty feet to the inch and the remainder at one-sixteenth. The rendering was to be in any monochrome, with shadows, on any white paper or in pencil on tracing paper mounted. The programme was very exhaustive in its details and occupied some twenty-five closely printed pages. It was approved by the Philadelphia Chapter of the American Institute of Architects and would seem, in its completeness and arrangement, to leave nothing to be desired.

The winning drawings are based on a strict interpretation of the thought of the Committee as expressed in the programme stating that an institution was not wished, but a collection of homes. The result is, therefore, a plan indicating a modern suburban residence development including the usual equipment of hospital and country club, engineering and school services. In other words, a rural community whose simple residence character is expressed by its roads and grounds as well as by its buildings and their arrangement. A community whose organization and equipment provides and encourages the nearest possible approximation, in an institution, to a normal and natural life among its residents.

There have been very few attempts to deliberately plan an isolated group of buildings of this character. The only approach to this in this country has been the suburban development of the great cities. In Germany and England, however, there have been several very successful operations along these lines. Port Sunlight, built for the Lever Brothers, soap manufacturers. Bourneville, built for the Messrs. Cadbury, chocolate manufacturers, and later Letchworth and Hempstead, planned and built for general occupancy. These have all proved healthy and happy places to live in and it is along these lines that the winning drawings were conceived.

To quote the programme again: "The group is to be planned for an ultimate population of about seven hundred persons, composed, in round numbers, of four hundred men and women, one hundred and fifty boys and girls, and one hundred and fifty officers and servants. For men and women will be provided a main building in which the community life will center and the administration find place and cottages in two types, one of dormitories for groups of single persons, and the other dwellings to permit light housekeeping. The children will be provided with schools for each sex and homes, each under the care of a married couple. A

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Engineers' and Building Codes.—Professor Reilly on Modern American Architecture.—Display Signs.	
ILLUSTRATIONS: Winning Designs of the Masonic Home Competition.	
Frontispiece: Main Portal, Church of St. Lawrence, Cologne.	

SPRINGFIELD, Massachusetts, has just passed a new building code which limits the offices of Commissioner and Board of Appeal to architects and builders. The *Engineering Record*, in a current issue, thinks it a mistake that civil engineers are excluded from these offices. With this view we are in thorough accord, for it seems that conditions would be sure to arise in the administration of the building code in a city of the size of Springfield, in which the services of an engineer would be highly desirable. Moreover, it would seem wise to make the interpretation of a building code a matter of the widest latitude in which engineers are as much entitled and interested to participate as builders. The omission of engineers is an unfortunate mistake which should not influence other cities that are, at present, wrestling with building codes.

THE estimate recently made by Prof. Reilly, of the University of Liverpool, of modern architecture in America is flattering to the profession in this country. It is gratifying to note that foreign exponents of architectural education are devoting serious attention and study to our progress in architecture. Prof. Reilly was here for that purpose for a short period last year, and what he saw of our buildings and the causes he assigned for the direction we are taking in architecture bear witness to the serious purpose of his mission. His outline of the American methods of architectural design and its foundation in our educational system is among the clearest statements of the

matter that have yet come to our attention. As he wisely points out, the volume of architectural work of a high standard which is being turned out of the best American offices would be impossible without our system of training assistants in professional courses which enable them to take up, in a comparatively short period after completing their studies, the practical work of the office. The dominating influences he discerns of several of our largest offices and their potency in shaping architectural thought and in widely different departments of the art, as shown in recent accomplishments, show that American architecture is making itself felt abroad, and is gradually being understood. It is being recognized that the best American architectural traditions are embodied in a gathering from the past and from contemporary European practice of the spirit of what is most worth perpetuation. The European notion that American architecture is either skyscrapers or poor copies of historical edifices of the old world is rapidly giving way to a deeper consideration of our serious artistic efforts.

IT is to be hoped that the public agitation against advertising display towers like the one about to be completed in the Times Square section of New York will speedily lead to action looking toward a regulation of electric and billboard display designs of which this is, to date, the most flagrant example. In this connection the action of Mr. W. H. Lever, the English soap manufacturer, in offering prizes in England for the best bill-posting stations constructed from an architectural point of view, is a suggestion that might lead to desirable results in this country. In the matter of advertising display there is need of the most far-reaching reorganization which should be wide enough in its scope to include every sort of sign intended for public display on the outside of a building or anywhere in a public place. A number of property owners have already shown a commendable interest in preserving the comity of their buildings by imposing upon tenants certain uniform restrictions in the placing, size and character of their business signs, while others have made provision for such features by themselves bearing the expense of constructing permanent kiosks or posts of more or less attractive appearance for business purposes. But there could well be much more of this spirit and with profit for those undertaking it. The companies which make it a business to control and provide advertising space and designs would be a potent factor if their influence were exerted in the proper direction in correcting present display sign abuses. No doubt, these interests would be convinced if they looked into the matter carefully that it would not be to their disadvantage to encourage and advise their clients to make their display as attractive as possible instead of merely striking, in brutal tones and coarse and offensive forms that obtrude themselves on the attention for a brief moment but generally fail of their full effect to arouse sympathetic interest and hold the attention long enough to convey their message diplomatically yet forcefully. There seems no better way of popularizing this point of view than by a good example of the power of artistic advertising.

(Continued from page 110)

chapel, hospital and various buildings for service will complete the group."

To safeguard the element of cost the programme called for a type of construction and finish possible within a cubic-foot cost of 30c.

One of the controlling factors in the programme was a communicating covered passageway not to exceed 3 per cent in grade and to connect all buildings except the hospital and stables. This, of course, greatly increased the difficulty of solution.

The portion of the property, consisting of some 240 acres, which the Committee selected as the site of the group before issuing the programme slopes to the south with a difference in level of some 220 feet. The lower and more level ground evidently seemed unavailable; the top of the hill with its extended view no doubt seemed exposed and uninviting for a permanent habitation. Therefore, a middle ground was chosen and two fairly level promontories selected as the site.

The approach from the station, the principal entrance, is through a park by a winding drive of slightly changing grade, shaded by large and irregular leaf masses through which glimpses are caught of the great open valley and low mountains beyond the Susquehanna river, some five miles away.

The chapel which dominates the village group from the railroad and station marks the entrance to the village proper and closes the vista at the end of this road. From this point the drive has been divided into several village streets with cottages and dormitories on either side, an arrangement that recalls the domestic character of the model villages already mentioned.

At the center of the village the principal road or main street opens out into and passes through a village green, about which are disposed some of the larger cottages.

The great community building for the common use of the villagers, containing dining hall, library and ample rooms for entertainment, amusement and recreation, occupies one side of the green with a frontage of about 200 feet.

The axis of the village green continues up the hillside to the park and gardens on the summit, which commands a view of unusual interest for many miles in all directions. In the opposite direction and looking down the slope the principal rooms of the community building open on to a broad terrace which overlooks the rose garden and tapis vert stretching away to the lake at the lower level of the property, surrounded by park land and set against a background of fertile farms and distant hills.

The school group is adjacent to but separated from the village proper, the several buildings being arranged around a school green lying about the chapel tower.

The garage and stable are placed at the intersection of the principal roads and the hospital is placed at the extreme western end of the group away from the railroad and remote from the travel within the village, a site which offers a southern exposure with a view over the valley.

In general character the village presents, in well-defined groups, the domestic, the scholastic and the ecclesiastic phases of the style chosen.

The drawings indicate a group of buildings built of long flat local yellowish-brown sandstone, roofed with great slabs of light grey-green slate, materials used for many generations in Lancaster County.

The general atmosphere would seem to express the peace, comfort and contentment so essential to the declining years of the older residents as well as to the early years of the younger members of this splendid Masonic memorial, which is inspired by the spirit of Free Masonry in Pennsylvania and dominated by the chapel in which, as in the ancient cathedrals, "will be written in imagery which the most illiterate can read the sacred legends and traditions of the common faith."

RECENT LEGAL DECISIONS

OWNER'S LIABILITY FOR WORK DONE ON CONTRACTOR'S DEFAULT

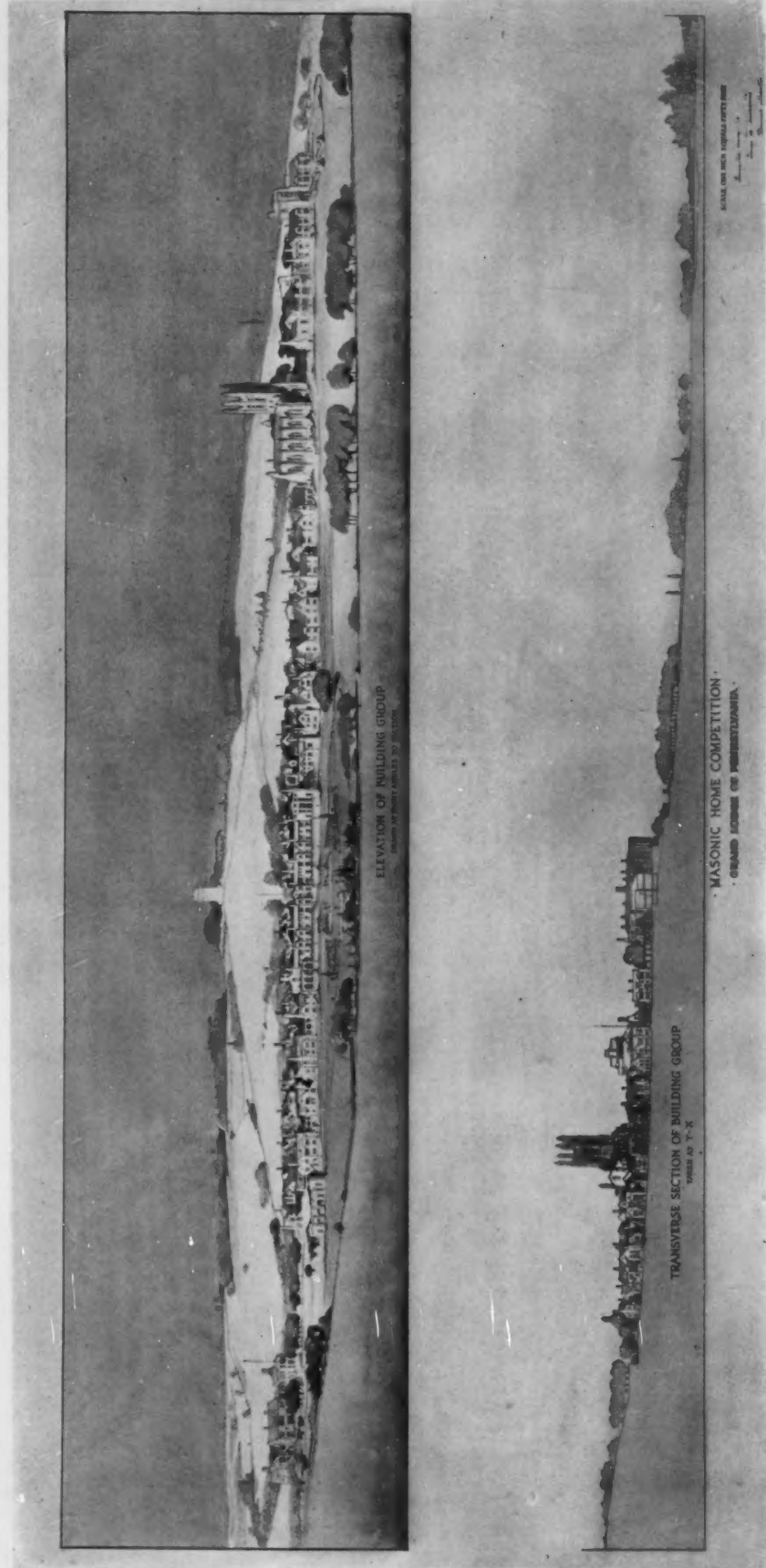
Where a building contract stipulates for the right of the owner, upon default of the contractor, to complete the work and deduct the cost of completion from the contract price, and the contractor defaults and the owner then elects to proceed, he becomes responsible to the defaulting contractor who has done part of the work for the balance of the contract price remaining after deducting the cost of completion and any damages sustained by the owner from the default. This rule does not apply, however, where there is no such stipulation in the contract, since the owner in completing the work does not then proceed upon the contract but ignores it as he has the right to do after the contractor's default. *Murphy v. Williams* (Supreme Court of Texas), 124 Southwestern, 900.—J. S.

HEATING PLANT INSTALLED BECOMES PART OF BUILDING

Where a heating plant is installed in a building under a contract with the contractor engaged in the construction of the building, the owner being no party to the contract, it becomes a part of the building and cannot be removed by the seller, although by the terms of the contract the title is to remain in the vendor until paid for. *Peck-Hammond Co. v. Walnut Ridge Dist.* (Arkansas Supreme Court), 123 Southwestern, 771.—J. S.

RECOVERY FOR PLANS WHERE STIPULATED COST EXCEEDED

An architect was authorized to submit to a board of education plans of the alteration of a building, the cost of which was not to exceed \$20,000. Bids were invited on the basis of the plans which he submitted, but they were for amounts largely in excess of \$20,000. The committee thereupon abandoned its plan and purchased another building and altered it under other plans. It was held that the architect could not recover on his contract for commission nor on quantum meruit, as he was bound to know the limits of the authority of the board with which he dealt. *Cooper v. City of Derby* (Supreme Court of Errors of Connecticut), 75 Atlantic, 140.—J. S.

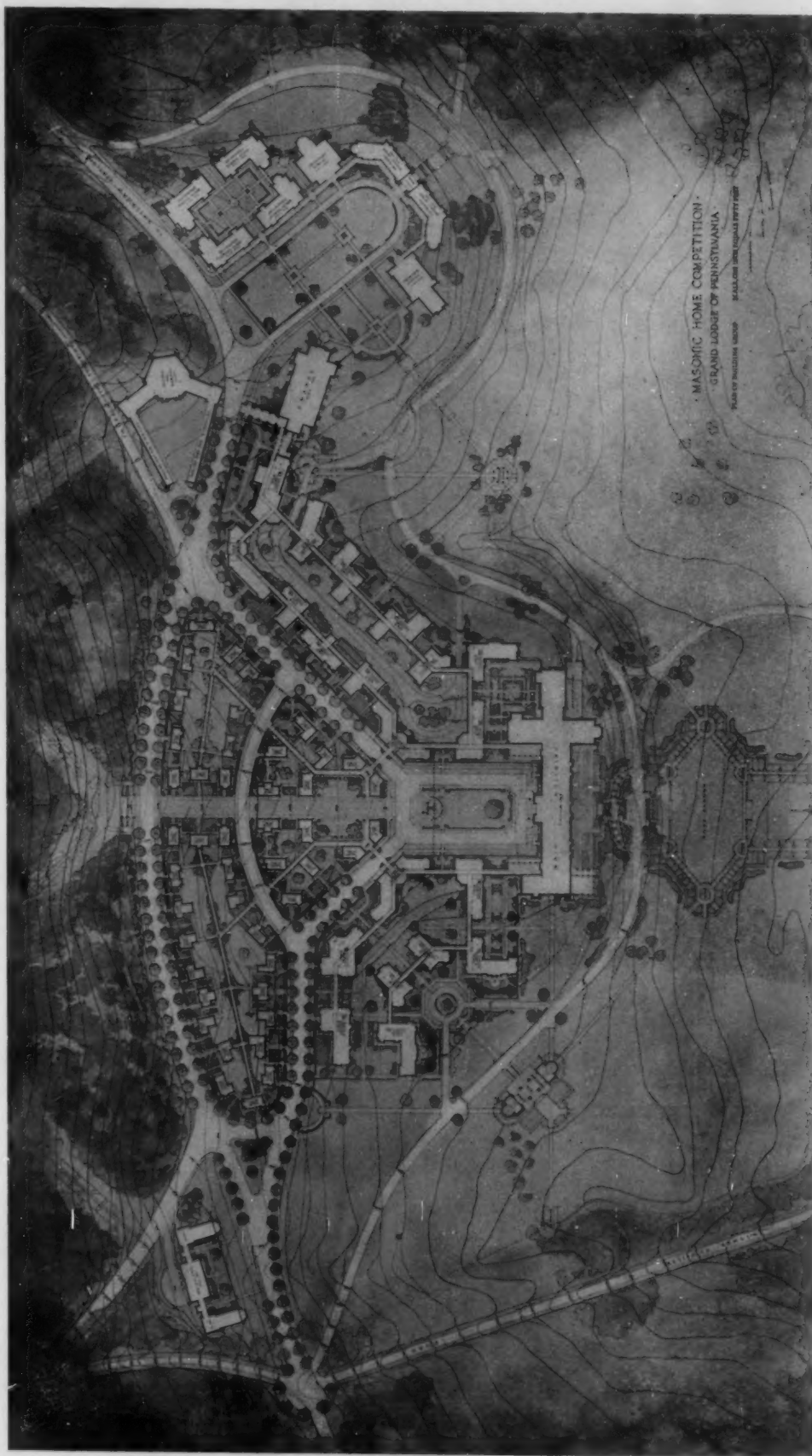


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MASONIC HOME COMPETITION, GRAND LODGE OF PENNSYLVANIA

ELIZABETHTOWN, LANCASTER CO., PA.

C. C. ZANTZINGER—C. L. BORIE, JR.—M. B. MEDARY, JR.—*Architects*



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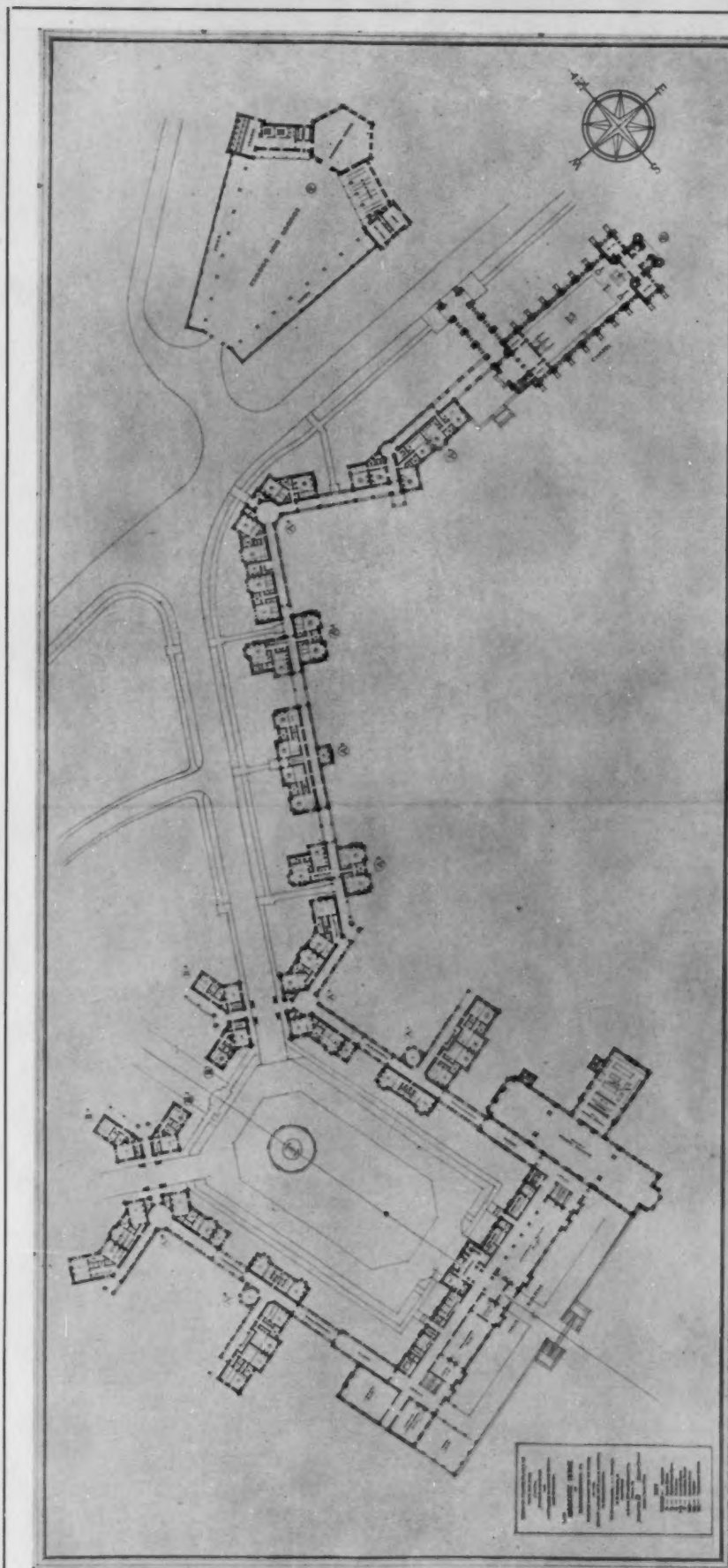


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CM	ENTRANCE - REAR	100	OFFICE BUILDING

PLAN OF THE SITE.
SCALE, ONE INCH EQUALS TWO HUNDRED FEET

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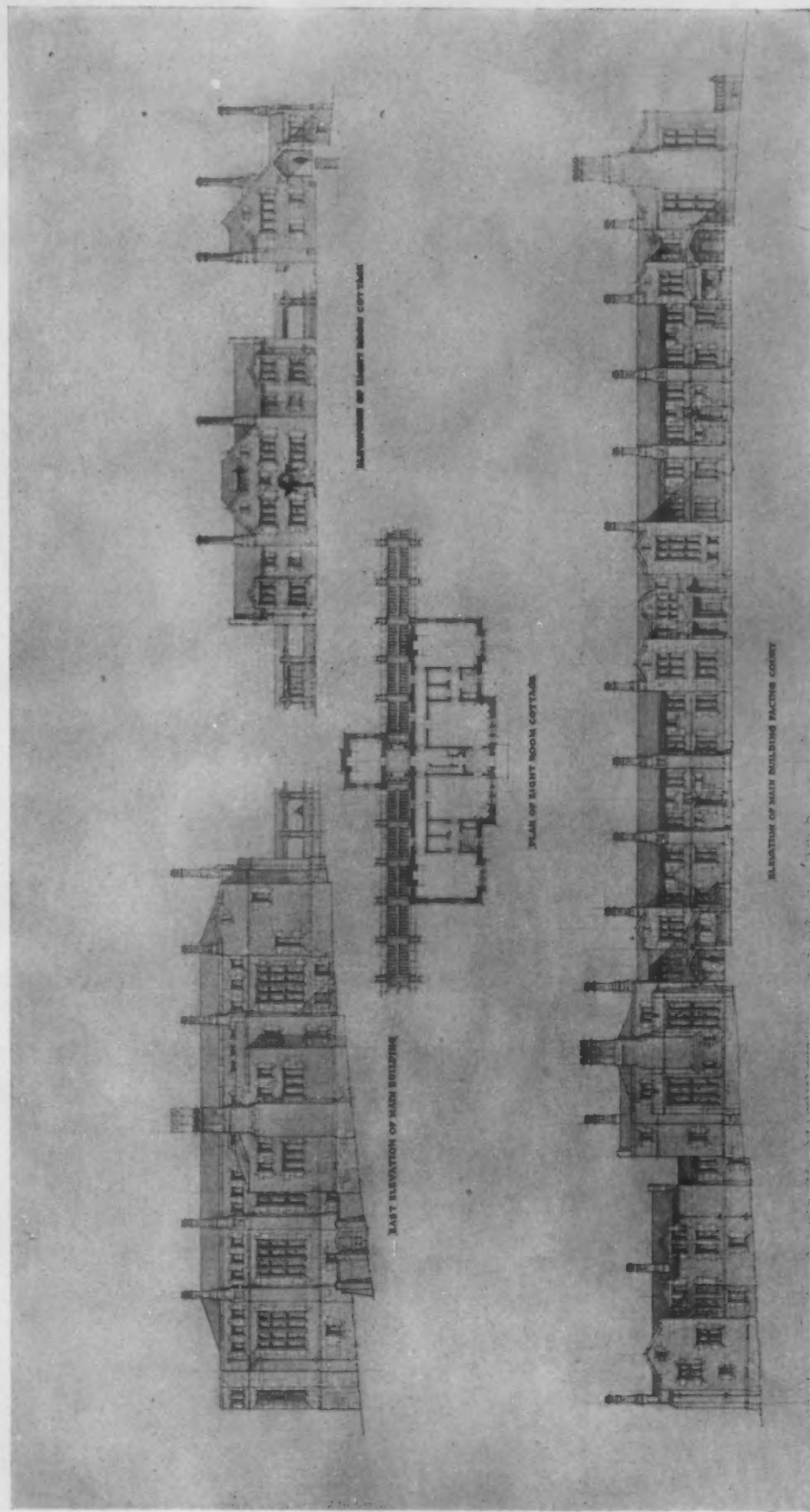
GROUND FLOOR PLANS OF MAIN BUILDINGS

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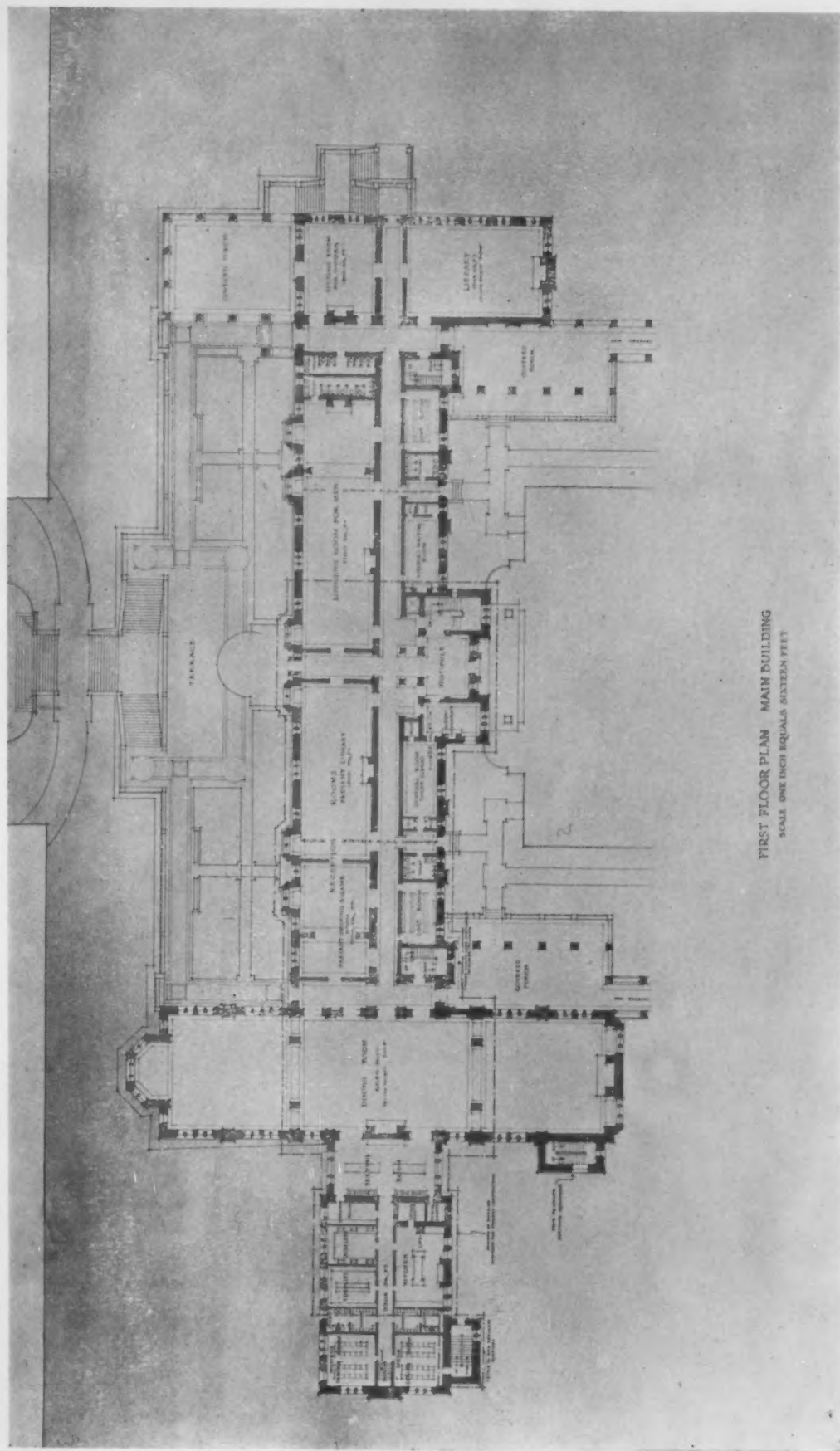


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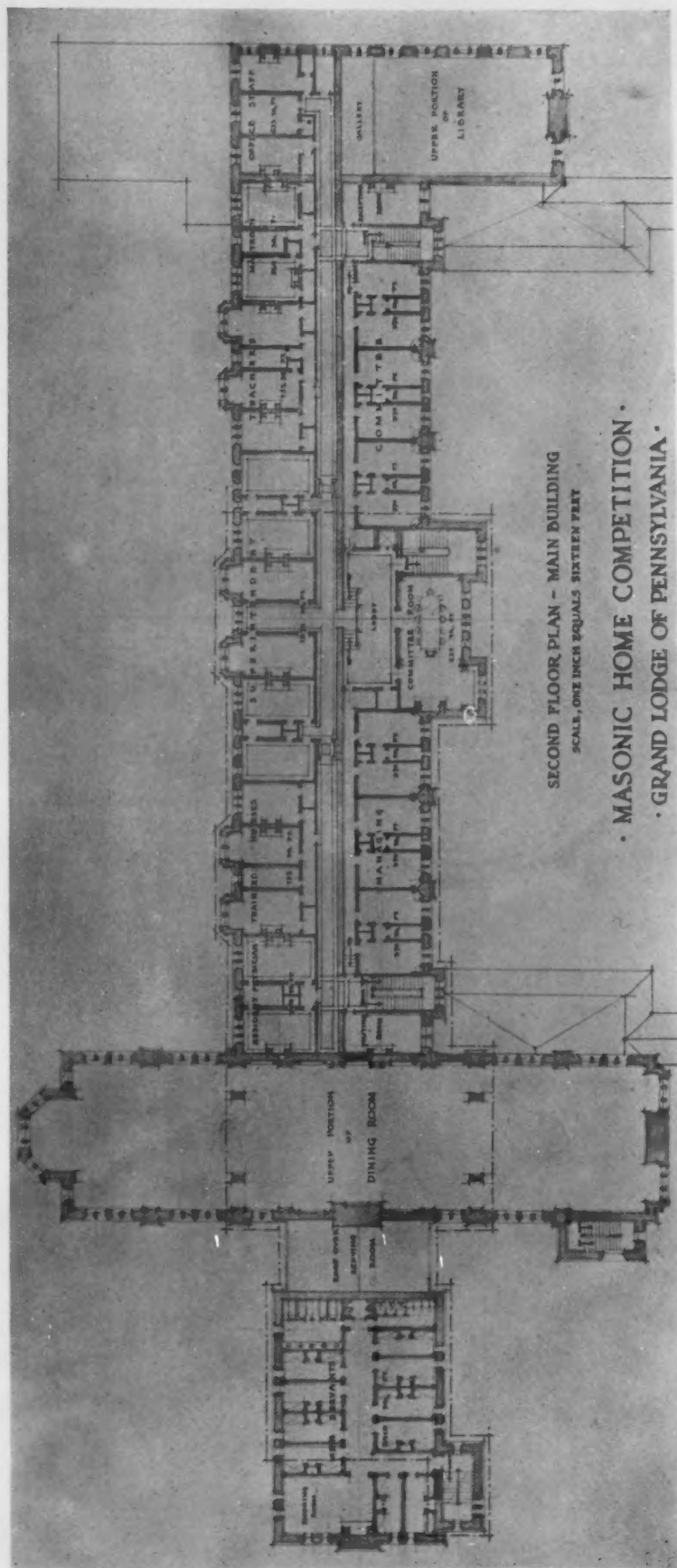


FIRST FLOOR PLAN MAIN BUILDING
SCALE ONE INCH EQUALS SIXTEEN FEET

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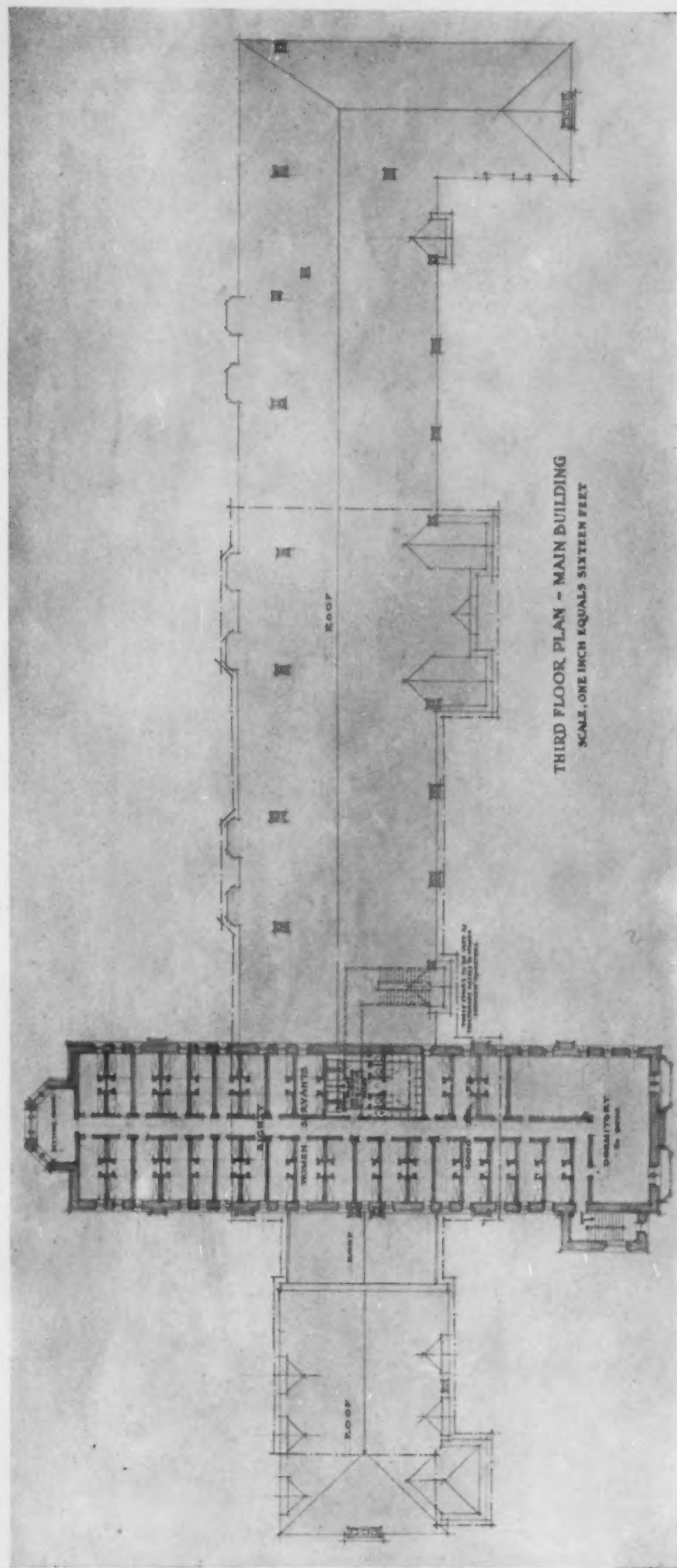


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The Fine Art Commission

The Fine Art Commission which has been so long needed in Washington has at last been put on a satisfactory basis, at least for a good trial, by a bill which was recently signed by President Taft. The members of the commission have been appointed, and are D. H. Burnham, of Chicago, chairman; Frederick Law Olmsted, Jr., of Brookline; Thomas Hastings, Daniel C. French, Cass Gilbert and Frank D. Millet, of New York, and Charles Moore, of Detroit. Colonel Spencer Crosby, superintendent of public buildings and grounds of the District of Columbia, has been appointed secretary of the commission.

The history of this body is decidedly interesting. The reasons which led President Roosevelt to appoint a commission of the same character are generally known. Although that commission, like the one which has just been constituted, served without compensation, it was appointed without statutory authority, and consequently became a nullity. It will be the duty of this commission to pass upon designs for public memorials and to make suggestions to Congress relative to the character and emplacement of monumental structures. With such a commission at work the public may be assured that the principle of artistic harmony will govern in the future in the designing and location of statues, monuments and all other creations not of a strictly utilitarian character. Had a commission of this character been in existence in the past, composed of men of the rank and ability of those whom the President has now named for this important responsibility, Washington would to-day be even more attractive than it is at present and would offer fewer incongruities to vex the artistic citizen.

Quarries of Old Egypt

On the way to Philae and the head of the cataract, a short distance south of Assouan, we came upon the ancient quarries which supplied the granite for the columns, statues and obelisks throughout Egypt for many centuries. An obelisk which we saw lies in its native bed. It is 95 feet in length and three sides have been carefully cut, but for some unknown reason it was never separated entirely from the parent rock. The surface bears the tool marks of the workmen. The grooves in it show that it was to have been reduced at the sides. It was supposed that the stone was split from its bed by drilling holes in the rock and filling them with wooden wedges, which were afterward saturated with water, the swelling wood furnishing the power.

From the illustrations in the temples it is clear that these great monuments were floated down the river on flatboats and rafts and then carried overland by thousands of slaves or floated up artificial canals. In one of the tombs of Beni-Hassan is a picture illustrating this process. The great stone is loaded upon a huge sled, and then drawn by thousands of workmen. One man is engaged in pouring water on the runners to prevent friction. Another stands at the left of the statue and beats time, that the men may work in unison, while overseers provided with a whip urge the slaves to their task. What king desired to extricate this block

from the quarry, why was it left here, what it was to commemorate we can never know. The riddle of the sphinx is solved, but the riddle of the obelisk in the quarry will no doubt remain with us forever.—*The National Builder*.

Masonic Home Competition

In the architectural competition for the proposed Masonic Home for Infirm Members and Wives, to be erected at Elizabethtown, Lancaster county, Pa., it was announced that 112 architects had entered the contest and filed designs and specifications. These have been turned over to a special committee, of which Professor Warren P. Laird, of the University of Pennsylvania, is the chairman, and of the various competitors six will be selected to go to Elizabethtown and look over the proposed site before submitting final plans. The winner of the competition will then be chosen from these six architects and receive \$1,000 for his general plan, besides supervising the erection of the buildings.

It was stated at the Masonic Temple recently that the winning architect probably would not be announced before August. The plant at Elizabethtown will comprise 80 buildings, on a tract of 240 acres, and cost, when completed, more than \$1,000,000.

Agreements for Building Contracts

A paper presented at a recent meeting of the American Society of Civil Engineers by William B. Bamford, associate member of that body, is one of vital interest to the profession from a technical standpoint. The paper advocates justice and equity to all parties to a building contract. Mr. Bamford is an engineer by training, and is qualified by association for a number of years with Messrs. Eidlitz & Mackenzie, of New York, to speak from an experience which has especial significance for architects.

The Use of Reinforced Concrete

At the Institution of Civil Engineers, recently, a paper read by Messrs. E. R. Matthews and A. O. Cunningham deals with "The Use of Reinforced Concrete on the Wabash Railroad, U. S. A." Although with two or three exceptions the works described represent structures embodying steel quite as much as reinforced concrete, a good many of the details—especially bridge abutments and floors—were executed in the last-mentioned material. It is satisfactory to learn that none of the reinforced concrete structures on this railway have needed any repairs since they were built. Testimony to that effect should be reassuring to those who are inclined to doubt the permanence of reinforced concrete and its capacity for withstanding heavy vibratory stresses without deterioration. One recommendation specially deserving support is that advising the employment of concrete in the form of a "wet" mixture, which can be poured into moulds, and will readily flow to the bottom through the interstices of reinforcing bars. In cases where a "dry" or "plastic" mixture is used the only way of attempting to fill the moulds is to rake and poke the material after deposition. One effect is frequently the displacement of

steel bars and stirrups, and it is by no means an uncommon thing to find gaps in the concrete after exposure. All drawbacks of the kind can readily be obviated by a little more water, which, as the authors show, does not cause any serious reduction in the strength of the material.

SOCIETIES

Columbus, O., Society of Architects Elects Officers

At the annual meeting, held on June 15, the Columbus, O., Society of Architects elected the following officers: President, Fred W. Elliott; vice-president, J. W. Thomas; secretary and treasurer, J. U. Gribben. Directors for two years: George Bulford, E. F. Babbit; for one year, Charles St. John Chubb.

Architects' Club Opens Home in Rebuilt Stable

The St. Louis Architectural Club dedicated its new club quarters, 514 Culver way, recently, and will soon have a housewarming. Many guests were invited, and all were decidedly impressed by the new quarters, which cost about \$10,000. The elegant quarters were once the Guerin stable, and a building committee of draughtsmen, headed by David Stephens, Jr., was responsible for the transformation. The building is two stories high, on a lot fronting 70 feet on Culver way by 80 feet deep. On the first floor is the entrance vestibule, coatrooms, toilets, assembly hall, library, kitchen and boiler room, while on the second floor are the custodian's room, the atelier and the roof garden, 20 feet wide and 50 feet long.

President Alfred M. Lane, of the club, introduced the presiding officer of the evening, Ernest Helfensteller, Jr., chairman of the Dedication Committee. Congratulatory addresses were delivered by William B. Ittner, T. C. Young, E. J. Russell, Louis La Beaume, Frederick Adams, Frank G. Boyd, James A. Waterworth and William S. Eames.—*St. Louis Globe-Democrat*.

Philadelphia Chapter, A. I. A.

The Philadelphia Chapter of the American Institute of Architects closed its present season of activity on June 25th, with its annual outing, the scene of which was Princeton, N. J.

The Chapter chartered a special car and invited the members of the T Square Club to participate in the outing, which included luncheon at the Princeton Inn and afterward an inspection of the town and of the improvements under way at Princeton College.

At the last regular meeting much hope was held out for the consummation of a plan which the Chapter has been working upon through a special committee to secure chapter quarters. This plan contemplates the erection upon a prominent site of a building which would house a large number of architects who might run the whole building on a co-operative basis, with all the advantages which would naturally accrue to the profession as well as the occupants from such an arrangement.

Another and a most important matter brought before the meeting was the report of the Committee on the

Preservation of Historic Monuments—by which it became known that the city authorities had accepted the proffered services of the committee in connection with the restoration of old Congress Hall. This assures to the city, without other cost than the actual expenses of the surveys and the preparation of drawings, a comprehensive and authoritative restoration as the committee have for years been making a thorough study of the present and past conditions, particularly the latter. Much of the credit for the successful outcome of the project which should have been consummated years ago, belongs to the present Mayor of Philadelphia, the Hon. John E. Reyburn, who caused the appropriation to be made for this purpose. The amount to be expended carries with it a modern lighting system for the historic Independence Hall and Independence Square, which has also been entrusted to the Chapter's Committee.

BOOK NOTES

THE NEW BUILDING ESTIMATOR. A practical guide to estimating the cost of labor and material in Building Construction. By William Arthur. Full cloth, 4¼ x 6½; 477 pp.; price, \$2.50. New York: David Williams Co.

This work is now in its fifth edition and has been revised, enlarged and brought up to date. Its present form is an improvement over earlier editions, and its range of usefulness as a work of reference and guide to correctness in estimating has been materially increased.

The publication of works of this character, in which are embodied the results of wide experience and investigation of values of labor and material are of great practical value.

CONCRETE POTTERY AND GARDEN FURNITURE. By Ralph C. Davison, Asst. Secretary Concrete Association of America, with 140 illustrations. Full cloth; 190 pp.; size, 5 x 7½; price, \$1.50. New York: Munn & Co., Inc.

The possibilities of the artistic treatment of concrete are so little known and the ease by which numerous articles for the house and garden can be made, so seldom understood, that Mr. Davison's book is a timely and valuable publication.

The craftsman who has worked in wood and while desiring to further extend his labors into the field of ornamental concrete pottery has been deterred, from lack of knowledge, will find in this book all that he will need to know to successfully produce many articles of utility and ornament.

Assuming that his reader is in entire ignorance of the handling of concrete, the author explains each progressive step and supplements these explanations with many drawings and photographs that clearly show the progress of the work.

The amateur who has experimented in clay modeling will find this an attractive book, as in certain directions he will be able to produce the most artistic results without the kiln necessary in clay working. We commend this book as a most interesting and instructive volume.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—Birmingham Realty Co. will at once erect warehouse at corner of Ave. B and Fourteenth St.

FLORENCE.—Congress has passed bill carrying \$70,000 for erection of post office and court house building.

FLORENCE.—County Commissioners have decided to erect \$20,000 jail.

MONTGOMERY.—Alabama Masonic Home Committee has decided to call for plans for \$75,000 building, work to begin within sixty days. B. M. Jacobs, Birmingham; A. D. Block, Mobile; D. C. Carmichael, Dothan, and L. H. Lee, of Montgomery, Building Committee.

ARIZONA

PHOENIX.—C. B. Laird will erect large residence in Los Olivos.

CALIFORNIA

AUBURN.—Rollins Pacific Jar Co. is seeking site for erection of factory. Dr. Rollins, Colfax, is interested.

CALEXICO.—Plans for a church building to be erected by Catholic congregation are being prepared by B. Cooper Corbett, Los Angeles.

LOS ANGELES.—Three three-story apartment houses to cost about \$50,000 will be erected at corner of Tenth St. and Westlake Ave. for James G. Martz Co., Douglas Building.

Plans for three-story apartment house to be erected on Flower St. at cost of about \$22,000 are being prepared by A. W. Riewe, Henne Building.

LOS ANGELES.—Tentative plans are being prepared for \$1,000,000 building to be erected for Isaac Van Nuys at corner of Spring and Seventh Sts.

A. S. Heineman, Architect, is preparing plans for erection of residence on Ardmore Ave. for Mrs. J. Glass.

LOS ANGELES.—W. H. Owens will build a four-story \$50,000 brick apartment house at corner of Orange and Valencia Sts. A. L. Haley, incorporated, 103 W. Third St., is preparing the plans.

Plans have been completed by Hudson & Munsell, 256 S. Spring St., for building to be used as a detention home, and which will be erected for Los Angeles County at College and Yale Sts.

LOS ANGELES.—Plans have been prepared by Architect C. C. Rittenhouse, Wilcox Bldg., for erection of \$30,000 apartment house at 624 Alvarado St. for W. W. Paden.

J. W. Owen will erect apartment hotel building at Valencia and Orange Sts.

OAKLAND.—Plans by Palmer & Hornbostel, 63 William St., New York City, have been selected for erection of proposed \$1,000,000 city hall on Washington St.

POMONA.—Congregational Church has accepted tentative plans for erection of edifice. Rev. A. P. Davis, Pastor.

VALLEJO.—Board of Education will soon select site for erection of proposed \$60,000 high school.

WILLIAMS.—Williams Union High School District has voted \$25,000 bonds for erection of high school.

COLORADO

DENVER.—City will erect high school at Eudora and E. Twelfth Sts. Dr. C. E. Chadsey, Superintendent of Schools.

GRAND JUNCTION.—Union Trading Co. is planning to erect two-story building on Main St.

GRAND JUNCTION.—Plans have been completed for a \$50,000 hospital to be erected in this city by National Order of Sisters of Charity.

CONNECTICUT

BRIDGEPORT.—Contracts will be let soon for a two-family house to be built on Howard Ave. for Thomas Kelly.

The plans for school house in North Bridgeport have been accepted by Board of Education, and bids will be called for at once. Cost, about \$20,000. Architect Leonard Asheim drew the plans.

EAST HARTFORD.—Orient Lodge No. 62, A. F. & A. M., is considering erection of Masonic Hall from plans prepared by Architect Wm. D. Johnson.

HARTFORD.—U. S. Paper Bottle Co. is considering erection of factory on Windsor Ave.

MONTVILLE.—Keyes Process Co. will rebuild portion of plant destroyed by fire.

WILLIMANTIC.—Windham Silk Co. is having plans prepared for erection of addition to plant.

FLORIDA

FT. MEADE.—Citizens will soon vote on \$20,000 bonds to erect brick school house.

KEY WEST.—Plans are being drawn for erection of proposed \$12,000 building for Memorial Church. Rev. Mr. Sis-trunk is interested.

MADISON.—City has plans by Fred A. Bishop, 302 Candler Bldg., Atlanta, Ga., for erection of \$15,000 dormitory.

MIAMI.—Architect George F. Pfeiffer, will prepare plans for erection of \$30,000 edifice and rectory for Trinity Church.

ST. PETERSBURG.—Plans and specifications have been prepared for the Pinellas Chapter of the American Woman's League building to be erected in this city.

TALLAHASSEE.—Board of Commissioners of State Institutions has decided to erect \$20,000 building at Florida State Hospital.

GEORGIA

ATLANTA.—House Appropriations Committee has recommended for passage following bills: \$35,000 to erect school building at Georgia Normal and Industrial College, at Milledgeville; \$35,000 to Georgia Tech. for academic building; and \$25,000 for erecting school building for State Normal School at Athens.

MACON.—Southern Bonded Warehouse Co. is planning to erect warehouse. Mayor John T. Moore is interested.

ROME.—Council is considering election on \$95,000 bonds for erection of schools.

SAVANNAH.—Westminster Presbyterian Church has decided to erect \$40,000 edifice.

IDAHO

LEWISTON.—Bids will be received until July 27 for erection of proposed \$85,000 Federal building. Jas. K. Taylor, Washington, D. C., Supervising Architect.

ILLINOIS

BELVIDERE.—Belvidere Screw and Machine Co. will erect proposed factory on Madison St. Dr. F. S. Whitman, President.

CAIRO.—Bids will soon be asked for erection of plant for Cairo Cider and Vinegar Co. on Twenty-second St.

CHICAGO.—University of Chicago will erect \$600,000 building at Lake and Market Sts. Holabird and Roche.

Architect Wm. P. Doerr, 138 Washington St., will erect court-plan apartment building, cost \$200,000, at Drexel Boulevard and E. Forty-seventh St.

Dr. John A. McGill will erect \$40,000 laboratory building at corner of Indiana Ave. and Twentieth St.

CHICAGO.—Agreement to construct \$25,000,000 terminal station by Pennsylvania Railroad, between Canal St. and Chicago River and from Madison St. south to Van Buren St., has been reached by management of railroad and concurred in by directors of the Chicago, Milwaukee & St. Paul, Chicago & Alton, and Chicago, Burlington & Quincy.

ELGIN.—International Voting Machine Co. is planning to erect \$15,000 factory on S. State St.

FREEPORT.—M. W. Savage Co. is planning to erect large addition to factory.

MOLINE.—Swedish Methodist Church has rejected all bids for erection of edifice. Henry Eckland, Kewanee, Architect.

MR. CARMEL.—Drawings for county poor infirmary have been completed by Architect Frank Schlotter, Dickman Bldg., Evansville, Ind. Bids will be received until July 25.

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INDIANA

BLOOMINGTON.—Erection of \$50,000 Y. M. C. A. building is being considered. L. V. Buskirk, Chairman General Committee.

CRAWFORDSVILLE.—Bids will be received until 2 p. m., July 14, for erection of school building. T. T. Munhall, President School Board.

ELKHART.—Estimated cost of the Willowdale school house, design for which by Architect E. Hill Turnock has been accepted by School Board, is \$12,400.

INDIANAPOLIS.—Dr. H. R. Allen will erect modern building at corner of Alabama and Wabash St.

KOKOMO.—G. W. Sipe, Sipe Theater, will erect new theater at once. Site purchased.

MONROE CITY.—Bids have been rejected for erection of proposed school. New bids will be asked.

SELLERSBURG.—Citizens are considering erection of \$15,000 school.

SHELBYVILLE.—Christian congregation at Gwynneville has decided to erect \$15,000 edifice.

IOWA

BURLINGTON.—Superintendent of Buildings E. E. Stevens has recommended erection of school at High and Sixth Sts.

COUNCIL BLUFFS.—House has passed bill carrying following appropriations for buildings: Red Oak, \$75,000; Fort Madison, \$65,000; Denison, Lemars and Iowa Falls, \$50,000; for new sites and new buildings, Perry, \$60,000.

FOREST CITY.—Waldorf College will expend about \$40,000 in erecting addition.

NEW LONDON.—Bids will be received until 6 p. m. July 12 for erection of edifice for Methodist Protestant Congregation. J. E. Peterson, Chairman Building Committee. C. M. Nelson, Burlington, Architect.

KANSAS

ABILENE.—Public appropriation bill contains following items: Abilene, \$70,000 for building, post office only, site secured; Beloit, \$50,000 for post office building; Concordia, \$70,000, post office; Ottawa, \$65,000, post office; Arkansas City, \$75,000, site and building for post office; Garden City, \$60,000, site and building for post office; McPherson, \$50,000 for site and building for post office; Osage City, \$50,000 for site and building; Hiawatha, \$7,500 for site; Holton, \$7,500 for site.

ENTERPRISE.—Erection of town hall is being considered. George Merillat is interested.

HILL CITY.—Catholic congregation will erect \$12,000 edifice on Capitol Hill. Rev. P. D. Hayden is interested.

ROSDALE.—Charles Chandler, State Architect, has completed preliminary drawings for \$150,000 Eleanor Taylor Bell Memorial Hospital Building to be erected on grounds of University of Kansas Medical School.

SALINA.—Citizens will vote August 2 on \$40,000 bonds to erect city hall at Fifth and Ash Sts.

TOPEKA.—Bids will be received until noon, July 18, for erection of school at Sixteenth and Van Buren Sts. J. C. Holland & Sons, architects; J. E. Stewart, Clerk, Board of Education.

KENTUCKY

EARLINGTON.—Plans have been prepared by Architects C. Shopbell & Co., Furniture Bldg., Evansville, Ind., for erection of residence for J. R. Rash.

LOUISVILLE.—Breckenbridge Realty Co. will erect three-story \$90,000 apartment house at corner of Second and Breckenbridge Sts. Henry Levy and Dr. F. W. Fleischaker are interested.

PADUCAH.—Plans are being prepared for erection of apartment house at 526 Jefferson St. for David Koger.

LOUISIANA

AMITE CITY.—Citizens have voted to purchase site and erect \$30,000 school.

NATCHITOCHES.—City is considering erection of \$50,000 high school.

SHREVEPORT.—George R. Mann, of Little Rock, Ark., has been selected to draw up plans for ten-story \$300,000 building of Commercial National Bank.

MARYLAND

BALTIMORE.—Archer & Allen, Central Savings Bank Bldg., Architects, will soon finish plans for \$25,000 branch Enoch Pratt Free Library Building, to be erected at Gorsuch and Taylor Aves.

Rev. B. B. James will soon award a contract for erection of \$5,000 residence on Garrison Ave. John R. Forsythe, Architect, 232 St. Paul St.

The Hampden-Woodberry Neighborhood Association, Mrs. Donald R. Hooker, President, is having plans made by Wyatt & Nolting, Architects, Keyser Bldg., for \$30,000 Neighborhood Club House, to be erected on Third St.

BALTIMORE.—Parker, Thomas & Rice, Architects, Union Trust Bldg., will award contract about July 9 for addition to be made to building of the Baltimore Trust Co., on Baltimore St. Cost, about \$125,000.

Bids will be received until 11 a. m., July 13, for erection of school at Francis and Clifton Sts. E. D. Preston, Inspector of Buildings.

BALTIMORE.—School Commissioners of Baltimore County are having plans made for two new school buildings to be erected in suburbs of Baltimore in addition to structure to be erected in Arlington.

FREDERICK.—Frederick County School Commissioners will soon receive plans for erection of proposed high school building.

HAGERSTOWN.—Architect Otto G. Simonson, American Bldg., Baltimore, has been commissioned architect for the large manufacturing plant of the Jones Cold Store Door Co.; plans and specifications will be given out for bids as soon as completed, and work begun immediately.

MASSACHUSETTS

NEWBURYPORT.—W. E. Burgess is planning to erect biplane factory in this city.

NORTH CHELMSFORD.—Plans for proposed school house have been prepared by Architect Henry L. Rourke, Lowell, and bids will soon be called for.

SOUTH CARVER.—Members of the Women's Alliance of village are planning erection of club house at Echo Lake. Mrs. Donald McFarlin, President.

MICHIGAN

CHARLOTTE.—Commonwealth Power Co. will at once let contract for erection of office building.

DETROIT.—Chittenden & Kotting, 1805 Ford Bldg., are preparing plans for \$83,000 truck house to be erected in the North Woodward District; and also for \$23,000 house at Michigan Ave. and Scotten Ave. S. T. McGraw, Chairman of Fire Commission.

DETROIT.—B. P. O. E. is planning to erect \$750,000 temple at Madison Ave. and John R. St. Vincent Field, 217 Moffat Bldg., is interested.

Architects Spier, Rohns & Gehrke, Chamber of Commerce Bldg., will prepare plans for erection of auto garage for in suburbs of Baltimore in addition to structure to be erected.

GRAND RAPIDS.—Erection of fire house on Godfrey Ave. is being urged.

KALAMAZOO.—Local Odd Fellows are considering erection of \$50,000 temple.

Arcade Co. will erect six-story hotel on West Main St. Plans prepared. J. J. Knight is interested.

LANSING.—Lansing Cabinet Co. is planning to erect factory.

WYANDOTTE.—School Board has decided to erect \$21,500 school at Labodie and High Sts.

MINNESOTA

AURORA.—Plans have been prepared for erection of proposed high school in District 13.

CHISHOLM.—Architect W. W. Tyre, Minneapolis, has about prepared plans for erection of \$115,000 high school.

HIBBING.—Plans have been prepared for the Reed-Peare block to be erected on Third Ave.

MINNEAPOLIS.—Russell Grader Co. will erect large factory at University and Twenty-third Aves., Southeast.

NEWMARKET.—Bids will be received until 4 p. m. July 14 for erection of church for Catholic Congregation. E. J. Donohue, 659 Gilfillan Block, St. Paul, Architect. Rev. M. Sturkel, Pastor.

ST. PAUL.—O'Donnell Shoe Co. will erect six-story factory at Tenth and Sibley Sts. Plans being prepared. Cost \$90,000.

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MISSOURI

BUTLER.—Citizens have voted \$30,000 bonds to purchase site and erect high school.

JOPLIN.—Board of Education will soon open bids for erection of four ward school buildings; cost, \$60,000. Plans by Allen, Austin & Co., 612 Joplin St.; Garstang & Reo, 204 Grome Bldg., and A. C. Michaelis, 324 Miners' Bldg. Robert A. Wilson can be addressed.

KANSAS CITY.—Chicago, Rock Island and Pacific Railroad will erect \$200,000 freight depot on Genesee St.

St. LOUIS.—Plans are under way for erection of \$1,000,000 Evangelical Lutheran University. Rev. J. Miller, Saginaw, General Representative of Missouri Synod.

St. LOUIS.—Joseph Stauder & Sons, Temple Bldg., have plans prepared for erection of \$50,000 church on Gratiot St.

Plans are being prepared by Architect F. C. Bonsack, Pierce Bldg., for erection of \$100,000 infirmary at Delmar and Union Aves. Dr. A. C. Robinson, Chemical Bldg., Chairman Building Committee.

MONTANA

BILLINGS.—Yegan Bros. have decided to erect large building on Minnesota Ave. Link and Haire, Architects.

Plans are being prepared by Architects Link and Haire for erection of addition to St. Vincent's Hospital.

GLASGOW.—Board of Trustees of proposed Frances Hoyt-Mahon Memorial Hospital has accepted plans by Marion B. Rizzo, architect, Whipp's Block, Kalispell. Plans will be ready for estimating about July 10, 1910.

KALISPELL.—General contract for construction of residence of D. R. Peeler has been awarded to Lewis Woll. Marion B. Rizzo, architect, Whipp's Block; same architect is preparing plans for residence of D. B. Barber to cost about \$10,000.

NEBRASKA

CHADRON.—State Board of Regents has adopted plans for erection of proposed Normal School.

NORFOLK.—Bids will be received until 8.30 p. m. July 15 for erection of three-story Y. M. C. A. building. J. C. Stitt, Architect. D. Mathewson, Chairman Building Committee.

OMAHA.—Residence to cost \$40,000 is being designed for E. W. Dixon of the Orchard & Wilhelm Co. by John Latenser, Bee Bldg. It will be erected on Thirty-eighth St.

NEW JERSEY

BAYONNE.—Vacuum Oil Co., Rochester, N. Y., is considering erection of plant in this city.

ELIZABETH.—Henry Wilhelms, Sr., has plans out for erection of several two-family houses in neighborhood of Jefferson and North Aves. Cost, \$5,200 each.

ELIZABETH.—Battery B is planning to erect large drill hall.

ELIZABETH.—German Lutheran Church is planning to erect parsonage.

JERSEY CITY.—Swift & Co. of Ninth St. will shortly start the erection of \$150,000 cold storage warehouse building on Henderson St.

Plans have been completed by McLaughlin Bros., 915 Bolton St., Baltimore, for erection of \$25,000 factory building on Garfield Ave., for James Craig, Jr., 556 W. Thirty-fourth St., Manhattan.

From plans prepared by Architect Emil Guhl, 19 Charles St., a \$100,000 flat will be erected at 145 Sherman Ave. for John Hannan of 147 Sherman Ave.

JERSEY CITY.—From private plans, factory building will be erected on Henderson and Thirteenth Sts. for Frazer Manufacturing Co., 573 Henderson St.

From plans as prepared by Architect William H. Bogart, store and apartment building will be erected on the corner of Jackson and Wilkinson Aves. for William Laterman, of 467 Jackson Ave.

JERSEY CITY.—Finance Board has appropriated \$25,000 for erection of fire house in Greenville.

MILLVILLE.—Site will soon be purchased for erection of proposed Government building. Jas. K. Taylor, Washington, Supervising Architect.

NEWARK.—E. V. Warren, 22 Clinton St., has designed \$6,000 two and one-half story two-family frame dwelling to be erected at 218 North Third St. for M. McKeon.

Frank Grad, 137 Springfield Ave., is preparing plans for three six-family dwellings to be erected at corner of Fourth and Davis Sts. for Louis Zapelkoy. Cost, \$35,000.

NEWARK.—Kilburn Memorial Presbyterian Church is planning to erect \$25,000 edifice at Norwood St. and S. Orange Ave.

PATERSON.—Francis C. Van Dyk has engaged an architect to plan for a structure on old Main St., six stories high in the rear, on Cross St., and five stories high on Main St. front.

PERTH AMBOY.—Architect J. K. Jensen has drawn plans and specifications for two large buildings, to be constructed soon; also \$6,000 store and dwelling house for Albert Reinhart, to be erected in Amboy Ave., and \$8,000 store and apartment house for A. Cerbo, to be erected at Johnstone St. and New Brunswick Ave.

NEW YORK

BROOKLYN.—Architect William McElfatrick, 1402 Broadway, New York City, has filed plans for erection of \$500,000 theater on Broadway for Orpheum Theater Co.

BUFFALO.—Trustees of J. N. Adam Memorial Hospital will soon ask bids for erection of proposed \$188,000 hospital for consumptives. J. H. Coxhead will supervise work.

BUFFALO.—Joint Committee of Public Health and Chamber of Commerce will recommend erection of \$1,650,000 hospital on East Ferry St.

COHOES.—St. Agnes' Catholic Church has decided to erect school. Rev. Fr. Gavin is interested.

CORNING.—Corning Consistory and Painted Post Lodge, No. 117, F. & A. M., had voted to authorize Masonic Temple Association to purchase site on Walnut St. for proposed Masonic Temple to be erected this summer.

CORTLAND.—Lehigh Valley Railroad will erect stations in this city. Plans are being drawn.

JAMESTOWN.—Interior Metal Manufacturing Co. will erect factory. G. Carlson, O. A. Nelson and C. J. Anderson are interested.

NEWBURGH.—City has decided to erect proposed engine house on Dubois St.

St. Mary's Church is planning to erect school. Rev. Wm. Hayes, Pastor.

NEW YORK.—Fisher Bros. will erect factory at 145th St. and Timpson Place.

Terminal Stores Co. will add two stories, cost \$30,000, to warehouse on Twenty-seventh St. O. M. Beck, Architect.

NEW YORK.—Marie Klinker and others, 460 W. Forty-third St., will erect six-story brick lofts, cost \$55,000, on Forty-second St. G. Schwarz, 302 E. 158th St., Architect.

Seth Low Realty Co., 149 Broadway, will erect eight-story brick apartment house, cost \$350,000, on 121st St. E. Roth, 20 E. Forty-second St., Architect.

Plans for country home for William K. Vanderbilt, Jr., at Little Neck, on Huntington Harbor, are about completed by Architects Warren & Wetmore, 3 E. Thirty-third St. Cost, about \$125,000.

St. Thomas's Church, premises, will erect \$1,000,000 church and parish house at corner of Fifty-third St. and Fifth Ave. Cram, Goodhue & Ferguson, 170 Fifth Ave., Architects.

NEW YORK.—C. Shortneir, 430 Eleventh Ave., will erect \$6,000 brick shop and loft on Thirty-sixth St. J. W. Cole, 403 W. Fifty-first St., Architect.

H. Finkelstein Bros., 364 Broadway, will erect four five-story stores on W. Fourteenth St. O. Reismann, 30 First St., Architect.

Rehder Construction Co., 1966 Jerome Ave., will erect two three-story dwellings, cost \$10,000, on Fort Independence St. J. J. Vreeland, Architect.

Maximilian Zipke, architect, 353 Fifth Ave., has been commissioned to draw plans for a twelve-story loft building, on Thirty-second St., for the Frambo Realty Co.

Robertson & Gamie, 1252 St. Nicholas Ave., will erect three six-story brick apartment houses, cost \$525,000, on Wadsworth Ave. J. C. Cocker, 2017 Fifth Ave., Architect.

Chas. Weigle, 331 E. 201st St., will erect \$10,000 two-story frame hotel at Boston Road and 180th St. Louis Falk, 2756 Third Ave., Architect.

Value Realty Co., 170 Broadway, Philip Wattinger, President, will erect \$20,000 two-story brick office and amusement hall on 155th St. Goldner & Goldberg, 704 Jackson Ave., Architects.

V. Cerabone Construction Co., Northern Ave. and 183d St., will erect eleven-story \$425,000 apartment house on Claremont Ave. Schwartz & Gross, 347 Fifth Ave., Architects.

F. Rosch, 1136 Walker Ave., will erect \$6,500 three-story brick store and dwelling on Pelham Ave. B. Ebeling, 1136 Walker Ave., Architect.

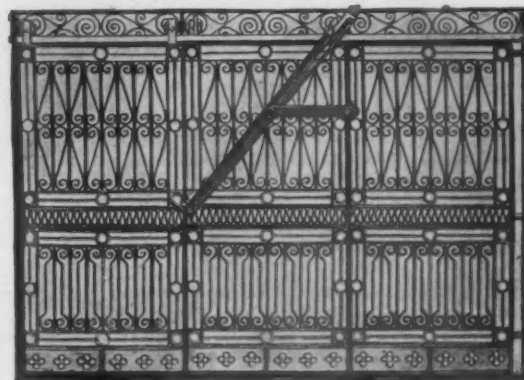
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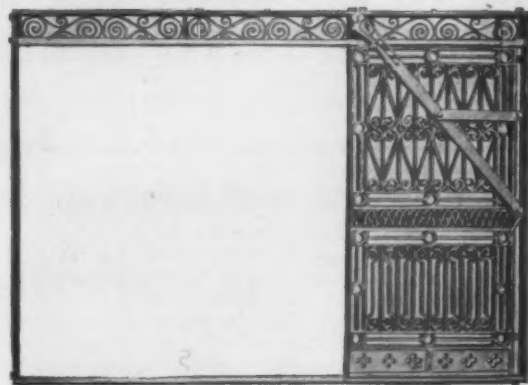
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NEW YORK OFFICE: 302 BROADWAY

NEW YORK.—Church of St. Jean Baptiste, 159 E. Seventy-sixth St., is planning to erect edifice at corner of Lexington Ave. and Seventy-sixth St. Rev. Fr. Arthur Leteller, Rector.

John T. Underwood is having plans prepared by Goldwin, Starrett & Van Vleck for eighteen-story office building, cost about \$400,000, to be erected at corner of Vesey & Church Sts.

Vestrymen of Trinity Church have decided to erect chapel on north side of the chancel of Old Trinity as memorial to late Dr. Dix.

Maiden Lane and William St. Co., 32 Nassau St., will erect twelve-story brick office building, cost \$125,000, at 91 William St. Clinton & Russell, 32 Nassau St., Architects.

The New York Central Railroad will erect twenty-story hotel on the block bounded by Madison and Vanderbilt Aves., Forty-third and Forty-fourth Sts. Reed & Stein, 7 E. Forty-second St., Architects.

NEW YORK.—New York Barber & Towel Supply Co., 34 Cooper Square, will erect \$30,000 laundry building on Thirty-second St. S. B. Eisendrath and B. Horwitz, 500 Fifth Ave., Architects.

Mrs. C. Capazzio, 349 E. 124th St., will erect \$9,000 dwelling on Bassett Ave. Henry Nordheim, 1087 Tremont Ave., Architect.

Fordham University will erect \$60,000 school on Bathgate Ave. Reiley & Steinbach, 481 Fifth Ave., Architects.

Wm. Oppenheim, 773 Westchester Ave., will erect three-story brick store and offices, cost \$35,000, on Westchester Ave. Goldner & Goldberg, 704 Jackson Ave., Architects.

P. Zinsmeister, 982 Intervale Ave., will erect two one-story stores and amusement hall on Westchester Ave. Cost, \$10,000. B. Ebeling, 1136 Walker Ave., Architect.

NIAGARA FALLS.—Exempt Firemen's Association is planning to erect \$12,000 home at Walnut Ave. and Sixth St. Geo. W. Wright, Architect.

NIAGARA FALLS.—International Acheson Graphite Co. will erect \$25,000 building at Portage and Buffalo Aves. O. E. Dunlap, Secretary.

PERRY.—Citizens have voted to erect \$15,000 to \$20,000 fire station.

PHELPS.—National Bank is considering erection of building. C. H. Garlock and Dr. J. E. Medaugh are interested.

SCARSDALE.—Plans have been prepared by McKim, Mead & White, 160 Fifth Ave., New York City, for erection of hotel costing several hundred thousand dollars.

SCHENECTADY.—Commissioner of Public Works Quackenbush has engaged L. Rodman Nichols, 208 S. Center St., to draw plans for additional story to Albany Street School.

SCOTIA.—Citizens have voted to erect \$13,000 brick school house.

SHITTVILLE.—Bids will be received, until July 9, for erection of proposed M. E. Church. D. G. Owens, Secretary, Board of Trustees.

SYRACUSE.—Marcus & Isaac Rosenbloom will erect business block on S. Salina St.

SYRACUSE.—Plans have been prepared by Architects Taber & Baxter, O. C. S. Bank Bldg., for \$10,000 residence to be built at 1625 South Salina St. for Herbert S. Fulmer.

Architect A. L. Brockway, Syracuse Savings Bank Bldg., has prepared plans for a bungalow to cost \$7,500, which will be built on Orchard Road for C. S. Glenn of Solvay Process Co.

Frank G. Shattuck of Schrafft Co. will built two-story fire-proof garage at corner of E. Genesee and Westcott Sts.

SYRACUSE.—Plans will soon be prepared for erection of \$30,000 scarlet fever pavilion at City Hospital.

TROY.—First Congregational Church has decided to erect edifice.

YONKERS.—Board of Education will receive bids until 8 p. m., July 11, for erection of twelve-room addition to school. H. W. Berthole, Chairman Committee on Architecture.

NORTH DAKOTA

GARDENA.—Bids will be received until July 19 by R. H. Fairfield, Clerk School Board, for erection of No. 3 school. Edmund White, Bottineau, Architect.

GRAND FORKS.—Knights of Columbus are considering erection of home.

Congregational Church will erect edifice at University Ave. and First St. W. J. Edwards, Architect.

MINOT.—Twin City Scenic Co. is considering erection of \$50,000 theatre.

OHIO

AKRON.—Board of Education is considering plans for erection of proposed South High School.

CINCINNATI.—Union Savings & Realty Co. will erect forty modern residences in College Hill. Cost at least \$175,000.

Plans have been completed for school to be erected at East Clifton Ave. and Main St. for Fifteenth District Columbia Gas Co.; A. S. White, president, will erect ten-story building at Ninth and Walnut Sts.

CINCINNATI.—Bids will be asked at once by Service Director Sundmaker for erection of proposed Cutter St. bath house.

COLUMBUS.—Plans and specifications for Ohio National Bank Building have been prepared by Architects Richards, McCarty & Bulford, Ruggery Bldg.

EAST LIVERPOOL.—Architect W. T. Mills, McCune Bldg., Columbus, is drawing plans for six-story wholesale grocery buildings to be erected for Riggs Grocery Co.

LIMA.—Plans and specifications have been prepared by Architect F. L. Packard, Hayden Bldg., Columbus, for construction of \$200,000 in additions to Lima State Hospital.

SEBRING.—Sebring Auto Co. is having plans prepared for erection of large plant.

SEVEN MILE.—Town has voted \$7,000 bonds to remodel school.

WASHINGTON C. H.—Citizens will vote July 25th on \$100,000 bonds with which to build \$75,000 high school building, \$20,000 public school building, and \$5,000 with which to improve East End and Sunnyside school buildings.

OKLAHOMA

OKLAHOMA CITY.—Bids will be received until July 11 by City Clerk Bob Parman for erection of west wing of new city hospital.

OREGON

KLAMATH FALLS.—All bids have been rejected for erection of Odd Fellows' Temple. Building Committee will now advertise for new bids for re-inforced concrete structure.

PORTLAND.—Abe Tichner and A. H. Maegly will erect six-story store and office building at corner of Seventh and Alder Sts. Cost, \$150,000. Emil Schacht & Son, Architects, Commonwealth Bldg., have completed plans and specifications.

PENNSYLVANIA

BEAVER.—Beaver Trust Building Co. is planning erection of office building at corner of Third and Insurance Sts. Plans being prepared. Agnew Hill and F. G. Moorehead are interested.

BEAVER FALLS.—First R. P. Church has decided to erect edifice at corner of Fourth Ave. and Thirty-first St., College Hill.

BELLEVUE.—Plans have been prepared by Vrydaugh & Wolfe, 347 Fifth Ave., Pittsburg, for erection of \$75,000 edifice for Bellevue Presbyterian congregation.

CHESTER.—Union A. M. E. Conference is planning to erect edifice at Eighth St. and Central Ave. Rev. A. Parson, St. Luke's A. M. E. Church, is interested.

HARRISBURG.—House has passed bill carrying following appropriations for this State: Increase of limit of cost of buildings and sizes: Connellsville, \$25,000; enlargement and improvement of buildings, Oil City, \$25,000; Harrisburg, \$125,000; for buildings on sites now owned, Butler, \$75,000; Corry, \$65,000; Gettysburg, \$100,000; Punxsutawney, \$60,000; for buildings and sites, East Pittsburg, \$100,000; Carnegie, \$80,000; Bedford, \$80,000; Hanover, \$100,000; Huntingdon, \$80,000; Monongahela, \$80,000; for sites only, Tarentum, \$20,000; Titusville, \$5,000; Bethlehem, \$20,000; Lancaster, \$40,000; Media, \$10,000; Pottstown, \$25,000.

LAURYTOWN.—Middle Coal Field Poor District has voted to erect insane asylum. Luzerne Eugeneering Co., Hazleton will prepare plans.

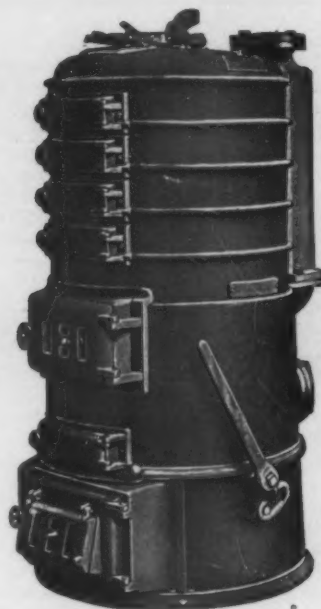
MAHANOV CITY.—Architect Ballinger & Perrot, 1211 Arch St., Philadelphia, have completed plans for bank building, at Centre and Main Sts., for First National Bank.

PHILADELPHIA.—Architect George I. Lovett, 418 Walnut St., is preparing plans for a church, a parochial school, and a rectory for new parish of the Holy Child, at Broad and Duncannon Sts.

PHILADELPHIA.—Architects Stuckert & Sloan, Chestnut St., have completed plans for three-story concrete warehouse for Philadelphia Rubber Works, at Thirty-seventh and Reed Sts.

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North Philadelphia Consolidated Dressed Beef Co. will erect abattoir and salesroom at corner of Germantown and Highland Aves.

PHILADELPHIA.—John Loughran will build eight two-story dwellings on Thirteenth St., and eight on York Road. Cost \$31,000. Plans are by Architect Peter Kuhn, 3058 N. Eighth St.

PHILADELPHIA.—Anderson & Haupt have finished plans for a building, at 713 Samson St., for Hopkins & Milgram.

Bids are asked on plans by Watson & Huckel, 1211 Walnut Ave., for an addition to the Kensington Hospital for Women.

Stuckert & Sloan are planning four-story building, to be erected at 127 South Thirteenth St., for Kahn & Greenberg.

PITTSBURG.—Architect W. A. Thomas, Park Bldg., is preparing plans of a row of five two-story brick flat buildings, to be erected on Webster Ave. for K. Klebansky. Cost about \$25,000.

St. Agnes Roman Catholic Congregation is planning to purchase site for erection of large parochial school.

PITTSBURG.—Bids are being received by Architect W. H. Sims, 5415 Black St., for \$25,000 addition to Home for Aged and Infirm Colored Women, at Lincoln and Lemington Aves., East End.

Architect P. A. Liesch, of Aspinwall, is designing a \$30,000 residence to be built on Homewood Ave. for C. H. Borntraeger; also plans for a \$12,000 house on Second St., Aspinwall, for G. H. McFetridge.

Architect W. G. Wilkins, Westinghouse Bldg., has been selected to plan \$60,000 store building, to be erected at Carson and S. Seventeenth Sts. for George E. Lorch & Bro.

ROCHESTER.—Plans will soon be prepared by Supervising Architect Jas. Knox Taylor, Treasury Department, Washington, D. C., for erection of proposed post office.

ROCHESTER.—First Baptist Church is planning to erect edifice. Rev. A. E. Finn, Pastor.

ROCHESTER.—First M. E. Church is securing funds for erection of \$35,000 edifice. Rev. P. C. Brooks, Pastor.

SCRANTON.—Plans are being prepared by Supervising Architect Jas. K. Taylor for erection of proposed federal buildings. Bids will be asked next month.

WOODLAWN.—Citizens will vote on \$85,000 bonds to erect schools; also on bonds to erect municipal building.

TENNESSEE

CHATTANOOGA.—Special Commission will recommend erection of \$350,000 county court house. S. M. Walker, County Judge.

KNOXVILLE.—Park City M. E. Church is planning to erect parsonage.

MORRISTOWN.—Johnson Chair Co. has decided to erect two new buildings at First, South and Jackson Sts.

TEXAS

ANSON.—City will erect combined city hall, fire station and jail. Cost, \$10,000.

AUSTIN.—House has passed bill carrying following appropriations: Clarksville, post office building on site already purchased, \$45,000; Paris, separate annex on present site for post-office purposes, \$100,000; Weatherford, building, \$65,000; Bryan, building and site, \$50,000; Austin, building, \$210,000; Brownwood, building, \$70,000; Belton, site, \$5,000; Marlin, building, \$45,000; El Paso, site for customs house, courts and Federal offices, \$60,000; Longview, building and site, \$50,000; Wichita Falls, addition to present building, \$25,000; Ennis, building and site, \$50,000; Marshall, building, \$65,000; Huntsville, site, \$5,000; Cuero, building, \$45,000; Yoakum, site, \$5,000; Uvalde, building and site, \$50,000; Eagle Pass, addition to present building, \$25,000; Denison, addition to present building, \$40,000; Galveston, addition to present building for courts, customs, etc., \$90,000.

CORPUS CHRISTI.—Bids will be received until 6 P. M., July 15, for erection of proposed Methodist Church. Flanders & Flanders, Dallas, Architects.

DEL RIO.—Del Rio National Bank has accepted plans by Alfred Giles, 114 W. Houston St., San Antonio, for erection of bank building.

EL PASO.—Odd Fellows will erect three-story home at corner of Santa Fe and Franklin Sts.

S. T. Parish has had plans prepared by Architects Krause and Reeser for erection of \$18,000 building on San Francisco St.

ENNIS.—Alma School District is considering tax election for erection of school.

FORRESTON.—Citizens have voted \$12,000 bonds to erect school. FORT WORTH.—Trades Assembly has voted to form stock company, capital \$40,000, to build labor temple in this city; promoters are C. W. Woodman, J. E. Smalley, W. A. Laird, Frank Boggerman, G. E. Allgaier, Frank Graves and Ed Hemphill.

GALVESTON.—Santa Fe Road will erect large extension to general office building at cost of \$100,000.

LUBBOCK.—Bids will be received until 10 a. m. July 11 for erection of three-story \$14,000 brick jail. J. R. McGee, County Judge.

MISSION.—Citizens have voted \$15,000 bonds to erect school.

MUNDAY.—First Baptist Church is planning to erect edifice.

QUANAH.—First Baptist Church will soon begin erection of proposed \$25,000 edifice.

TYLER.—A. P. Moore is having plans prepared for \$15,000 residence at corner of E. Front St. and S. Fannie Ave.

WINTERS.—City is having plans prepared by Preston & Curtis, Abilene, for \$16,000 school.

UTAH

SALT LAKE CITY.—Architects are invited to submit, in competition, plans for building to be erected by Salt Lake County at corner of Twelfth South and State Sts.; drawings must be submitted before noon, July 26, Margaret Zane Witcher, County Clerk.

VERMONT

MONTPELIER.—Board of Trustees of Montpelier Seminary is planning to expend \$125,000 in erecting three buildings. F. A. Walker, Barre, Architect.

VIRGINIA

FT. MONROE.—Bids will be received until 10 A. M., July 18, for addition to post hospital. Capt. E. R. Tilton, Constructing Quartermaster.

NORFOLK.—R. P. Jarvis, of Seaboard Air Line Railway, is having plans prepared by Architect R. E. Mitchell for erection of residence on Shirley Ave.

WASHINGTON

BELLINGHAM.—Bids will be received until 2 p. m. July 15 for erection of armory building. G. L. Lamping, Chairman, Armory Commission.

COLVILLE.—Citizens have voted \$20,000 bonds to erect high school.

NORTH YAKIMA.—Council has ordered purchase of site for erection of firehouse; erection of city hall is being considered.

PASCO.—Erection of \$30,000 combined city hall and fire station and \$10,000 Carnegie Library is being considered.

SPOKANE.—Three-story building will be erected as addition to Brunot Hall Academy for Girls.

SPOKANE.—Rosenhaupt & Weaver will erect three-story building on N. Howard St.

SPOKANE.—Board of Education has decided to rebuild South Central high school destroyed by fire.

Pacific States Telephone and Telegraph Co. will erect twelve-story building on Second Ave.

SEATTLE.—Wilson & Loveless, Architects, Arcade Annex, are preparing plans for a four-story brick hotel building to be erected at 315 Maynard Ave. for Lena Prentice.

Architect V. W. Voorhees, Eitel Bldg., is drawing plans and preparing specifications for erection of number of buildings.

WEST VIRGINIA

CHARLESTON.—Supervising Architect Jas. Knox Taylor will prepare plans for erection of \$225,000 Federal building. E. M. Keatley, Clerk, U. S. Court, is interested.

WISCONSIN

MENOMINEE.—Erection of gymnasium at high school is being considered.

MILWAUKEE.—Council is considering \$115,000 bond ordinance for schools and \$25,000 for auditorium.

NEENAH.—Plans will soon be prepared for construction of \$30,000 edifice for Island Baptist Church.

SHEBOYGAN.—Architects Foeller & Schober, Paul Fox Block, Washington St., Green Bay, have prepared plans for erection of SS. Cyril & Methodius Catholic Church building, concrete foundations, re-inforced concrete and cement block superstructure; cost \$25,000 complete. Bids will be received until 6 p. m. July 9 by Rev. James Cherne, 1436 S. Eleventh St.

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DRAUGHTSMAN—Young German, college graduate, neat and quick, wishes position in architect's office or with contractor. A. S., care Mr. Godfrey, Old Westbury, L. I. (1802)

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Treasury Department, Office of the Supervising Architect, Washington, D. C., June 27, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 9th day of August, 1910, and then opened, for the construction, complete (including plumbing, gas fitting, heating apparatus, electric conduits and wiring of the U. S. Post Office at Woburn, Mass., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Woburn, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1802-3)

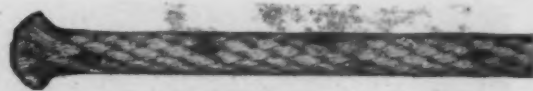
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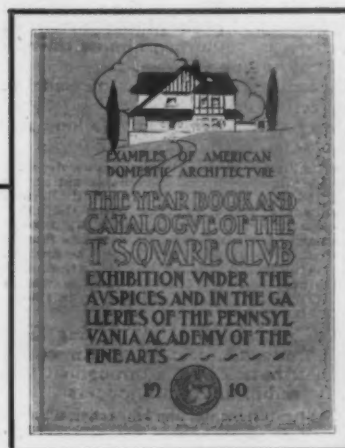
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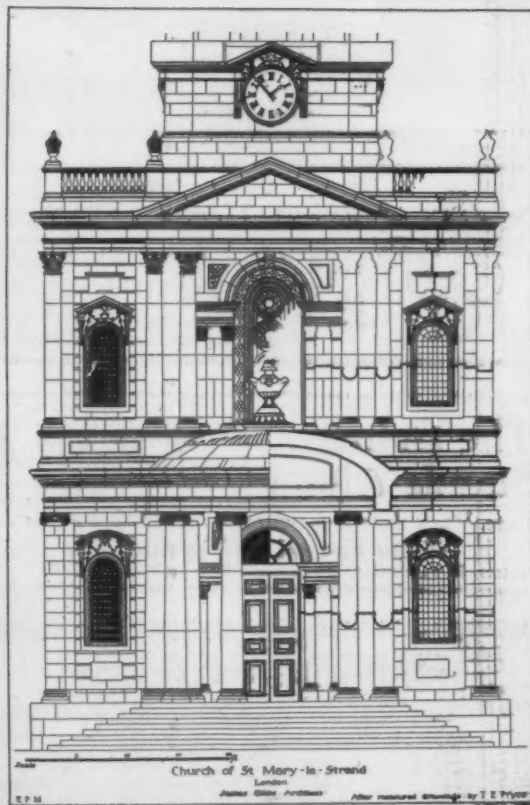
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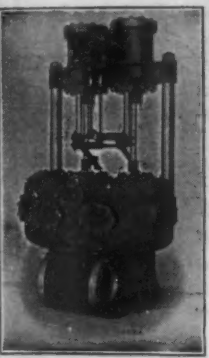
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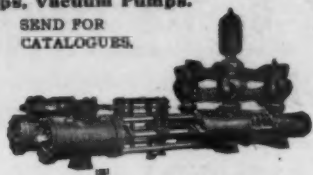
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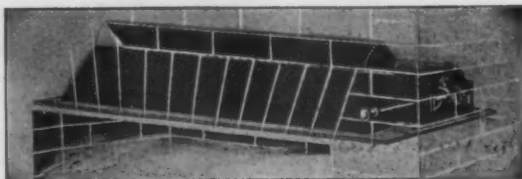
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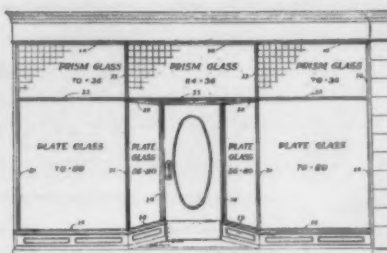
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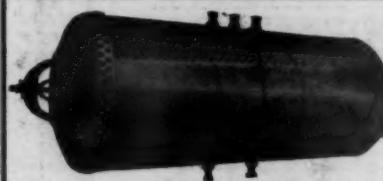
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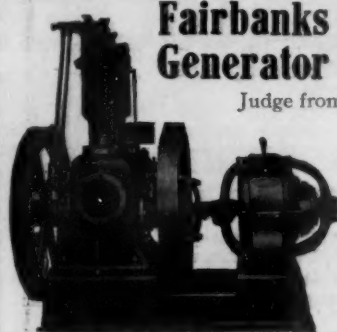
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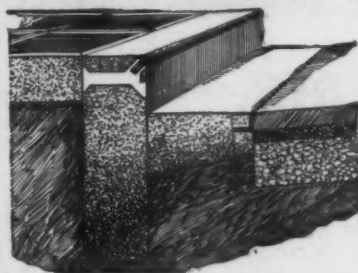
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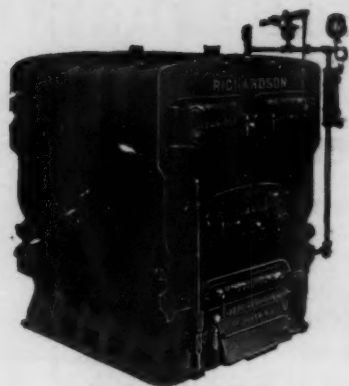
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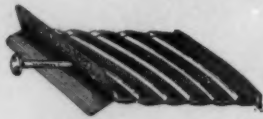
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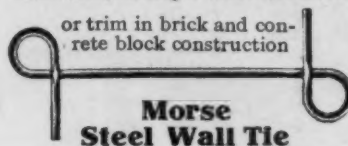
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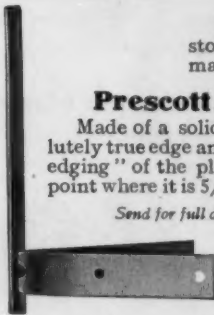
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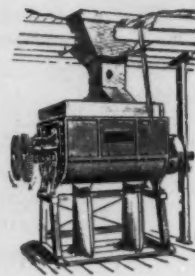
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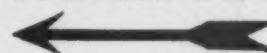
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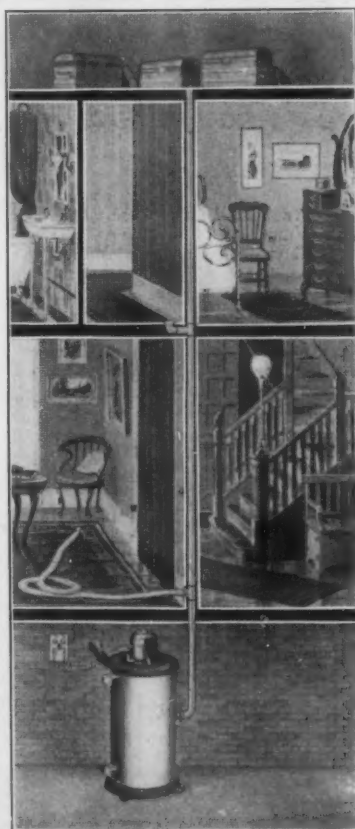
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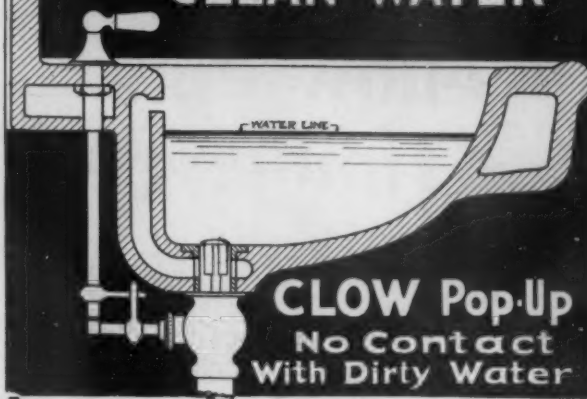
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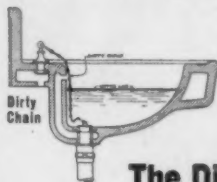
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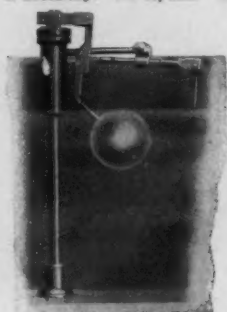
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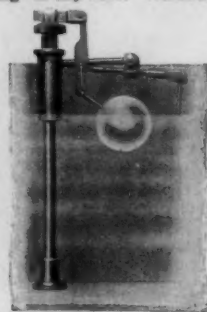
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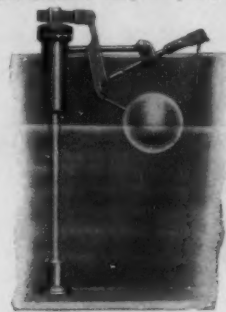
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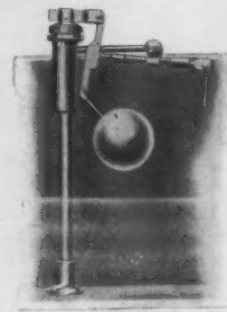
Position 1



Position 2



Position 3



Position 4

Position 1 shows a part of the interior of the closet tank filled with water, ready to be flushed. Sitting on the seat places the trip in Position 2. Immediately upon the seat being vacated, the trip pulls down the outlet-lever as shown in Position 3, and "hangs on like a bull-dog," until the water lowers several inches. See the point? This trip takes the place of the chain attached to the lever of the ordinary high tank, etc., but this trip never "forgets," never jerks too fast, or too hard. This trip never empties the tank at the wrong time, but always at the right time. Position 4 shows the tank refilling. Many persons do not understand that it is absolutely useless to empty the tank if it be but $\frac{1}{4}$ or $\frac{3}{4}$ full of water. This trip cannot even touch the outlet-lever unless the tank contains enough water to syphon the bowl, therefore, manipulating the seat or fixtures has no effect whatever while the tank is only partly full. All waste is automatically prevented.

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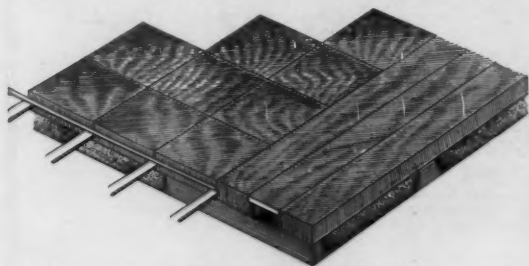
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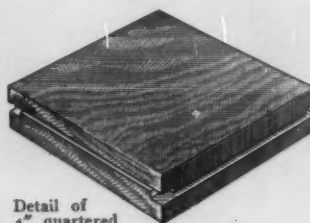
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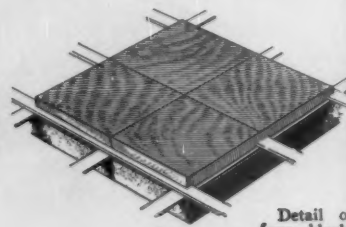
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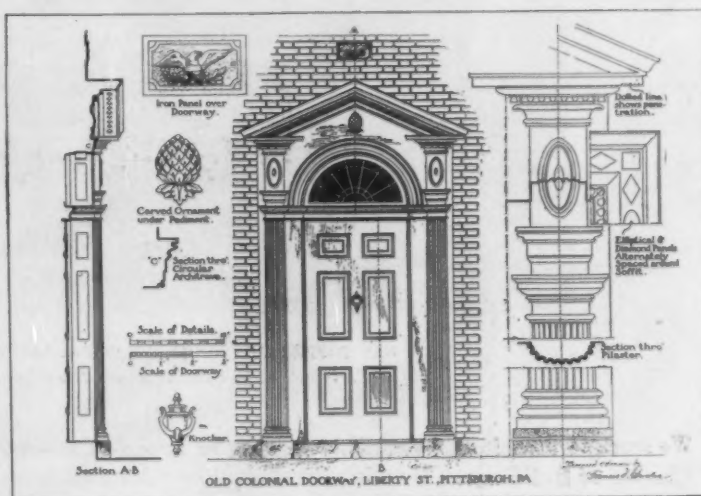
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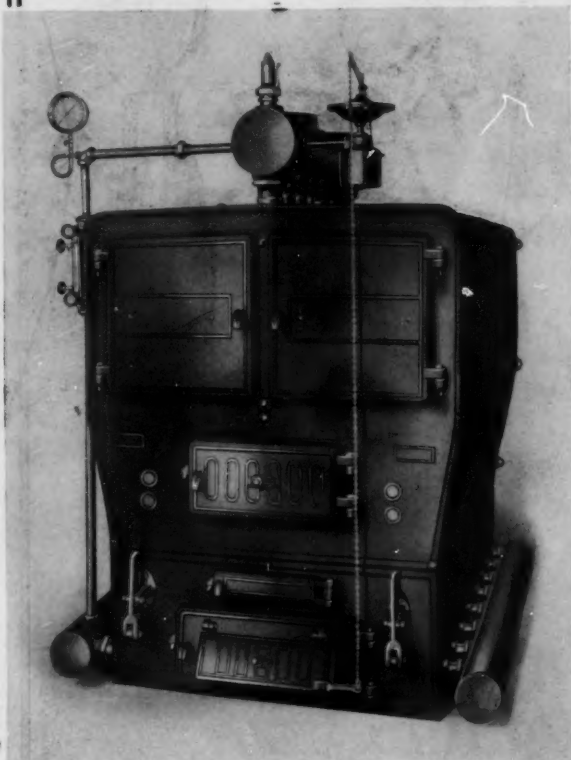
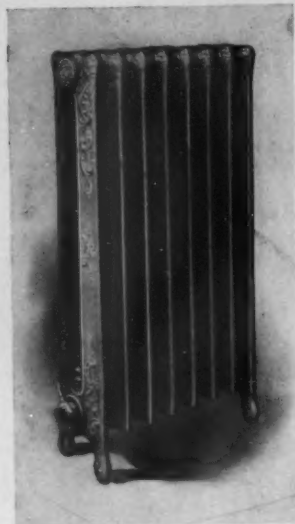
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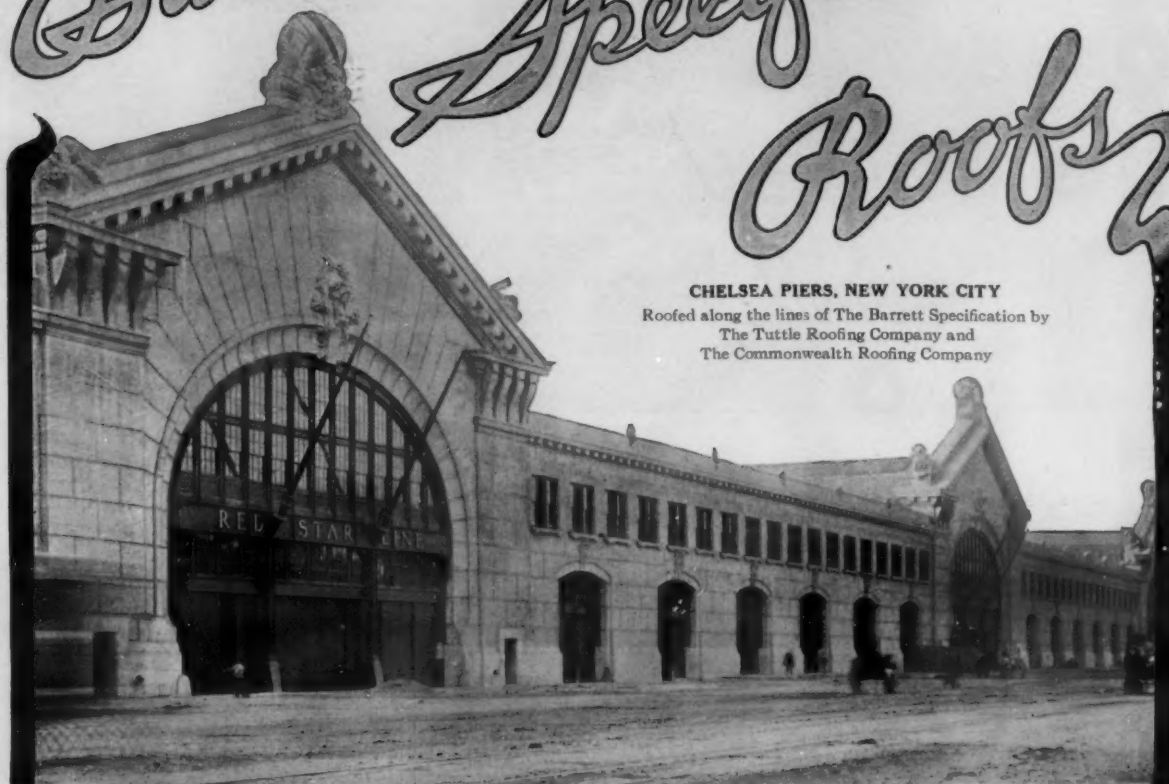
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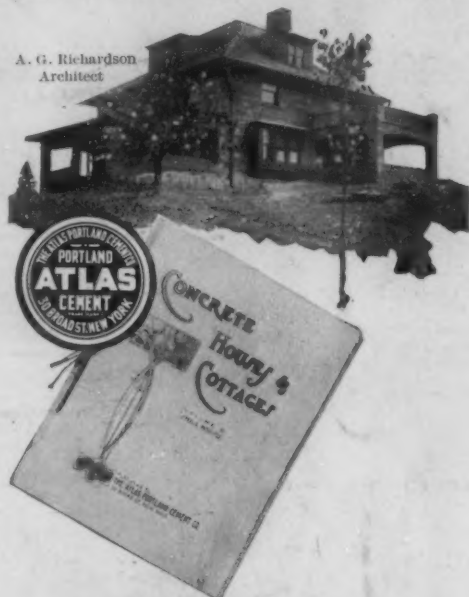
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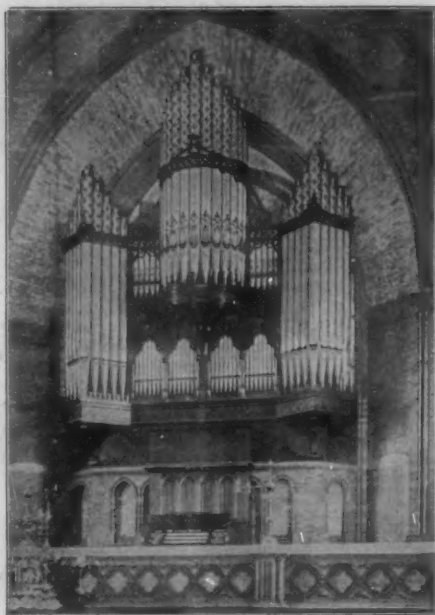
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PERSONAL

J. Flood Walker and H. A. Reuter, architects, announce their association for the practice of their profession, and that they have opened offices in the Frost building, San Antonio, Texas.

Messrs. Allison & Allison, formerly of the Westinghouse Building, Pittsburgh, announce that they have opened offices in the Exchange Building, Los Angeles, Cal. They desire to receive manufacturers' samples and catalogues.

Mr. Will S. Aldrich, for a number of years connected with McKim, Mead & White, has formed a partnership with E. J. Eckel, F. A. I. A., and George R. Eckel, of St. Joseph, Mo., under the firm name of Eckel &

Aldrich. The firm has recently moved into its new offices on the eleventh floor of the new Corby-Forsee building.

We are advised that Mr. S. C. Wherry and Mr. John P. Hoppe, architects, have formed a copartnership for the practice of their profession, under the firm name of Wherry & Hoppe. They have opened offices at Mitchell, South Dakota.

A Noteworthy Program

We are in receipt of a copy of the competition program for a new high school building to be erected in Albany, N. Y., notice of which recently appeared in these pages. This program is worthy of notice for the generally explicit nature of its conditions, but more especially because it has been approved by the A. I. A. Such approval suggests the submission in advance of all competition programs to the Institute in Washington which would, no doubt, be glad to confer with their authors to the purpose of making them mutually satisfactory. Professional advisers in competitions could give valuable assistance to architects by such cooperation and at the same time raise the standing of the profession in the estimation of clients.

Brooklyn Chapter, A. I. A., Elects Officers for Ensuing Year

The Brooklyn, N. Y., Chapter of the American Institute of Architects has elected the following officers: President, Alexander Mackintosh; Vice-President, Julius F. Harder; Surveyor, Henry Clay Carrel; Treasurer, John Ph. Voelker; Secretary, Daniel G. Malcolm. Board of Directors, class of 1910, 12 (for two years): John J. Petit (Chairman), J. M. Hewlett, Frank H. Quinby.

Award in Competition for Oakland, Cal., City Hall

The jury in the competition for the city hall for Oakland, Cal., has awarded first prize to Messrs. Palmer & Hornbostel, of New York.

The jurors of award were: Mayor Frank K. Mott, of Oakland; Prof. John G. Howard of the University of California, Prof. Warren P. Laird of the University of Pennsylvania, City Engineer F. C. Turner, Architect W. S. Eames of St. Louis, Architect E. F. Champney of Seattle, and City Attorney John W. Stetson.

The building will be 60 feet in height from the main base to the first balustrade. It will be 180 feet wide and the arches over the main entrances will be 34 feet in height. From the base to the cornice of the lower section of the building will be 124 feet. The lower portion of the building will be of the classic Romanic architecture adapted to modern conditions.

Estimated cost, \$1,000,000.

Award of 1910 Travelling Fellowships by the Massachusetts Institute of Technology

The architectural department of the Massachusetts Institute of Technology announces the awarding of the 1910 traveling fellowship and competition mentions as follows: First prize, Walter Bradnee Kirby, of Winches-

ter; first mention, Lester Hazen King, of Hartford, Conn.; second mention, Kenneth Earle Carpenter, of Pawtucket, R. I. The drawing of Kurt Vonnegut, of Berlin, was placed "*hors concours*," and was awarded honorable mention.

The subject was a museum-library, eight competitors entering the test. The jury was composed of Mr. R. S. Peabody, Professor Desire Despradelle, Mr. Guy Lowell, Mr. A. H. Cox and Mr. S. W. Mead.

Oklahoma Architects Hold a State Convention

The Oklahoma Association of Architects held its first convention at Enid on June 27. Addresses and special papers on subjects of interest to the profession were read and discussed.

The committee on legislation was instructed to use every effort to secure the passage of a bill by the State Legislature requiring the examination and licensing of all architects practicing in the State.

The election of officers resulted as follows: W. A. Wells, Oklahoma City, President; E. I. Peters, Shawnee, Vice-President; Lee Mathews, Tulsa, Second Vice-president; W. M. Fowler, Oklahoma City, Secretary-Treasurer.

Tulsa was decided upon as the next meeting place, the annual convention to be held there the third Saturday in June of next year.

BOOK NOTES

DISTINCTIVE HOMES OF MODERATE COST. Being a collection of Country and Suburban Homes in Good Taste, with some value in suggestion for the home-builder. Full cloth; 175 pp.; size, 10 x 12½ inches; price \$2.00. New York: McBride, Winston & Co.

This is a collection of illustrative material, most of which will be familiar to the architect by reason of its publication in various issues of *House and Garden*. It has, however, been grouped and classified in such a manner that it will afford to the client and prospective home-builder many suggestions of value and enable him to impart to his architect the ideas he wants to embody in the house.

The text deals with the various problems of the house, its decoration and furnishing, along the lines of articles appearing in the semi-technical press, and while, perhaps, not always from the point of view of the practicing architect, may serve to stimulate an appreciation for better taste and truer ideas of architectural effort than is possessed by the average client who builds a low-cost house.

The editor in his introduction sums up the purpose of this work as follows: " * * * the architect, in order to be able to design a home that will meet the practical requirements of the owner and, as well, the far more subtle ones that will reflect something of the latter's personality and taste, must work with a basis of ideas and preferences that are really crystallized in the owner's mind. And it is with the purpose of effecting that crystallization—of helping the owner to know more definitely what he does want and need—that this book is put forth.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—State has \$40,000 available for erection of tuberculosis hospital. Col. S. W. John and Dr. B. L. Wyman are interested.

BIRMINGHAM.—City is considering \$850,000 bond issue for schools. Frank P. O'Brien, Mayor.

BIRMINGHAM.—Birmingham Valve & Filter Co. will at once erect \$500,000 plant at East Birmingham. W. H. Stockham, President.

BIRMINGHAM.—Messrs. Drennen will erect five-story, \$100,000 concrete and brick building at corner of Second Ave. and Twentieth St.

GADSDEN.—C. T. Coker will erect residence this fall on Ninth St.

TUSCALOOSA.—Bids will be received until July 18 for erection of school. W. E. Beens, Bessemer, architect; J. I. Harrison, secretary.

ARIZONA

PEORIA.—Bids will be received until 1:30 p. m. July 21 for erection of school. Thornton McHugh, Second Ave. and Jefferson St. Phoenix, Architect; W. A. Hood, Acting Clerk School District No. 11.

ARKANSAS

MORRILTON.—School Directors have had plans prepared for erection of \$25,000 annex to school.

CALIFORNIA

CORONA.—Congregational Church will erect \$18,000 edifice. Norman F. Marsh, Los Angeles, Architect.

GRASS VALLEY.—Trustees of Pleasant Ridge District are advertising for bids for erection of modern school house. Plans prepared.

LOS ANGELES.—Two three-story apartment houses, to contain fifty-four rooms each, are being planned for erection on Estrella Ave. by Crichton Smith. Cost, about \$10,000 each.

The Boston Building Co., Slavin Bldg., will erect three-story apartment house on S. Marengo Ave. Cost, \$33,350.

James G. Martz Co., Douglas Bldg., will erect \$50,000 apartment house at Tenth and Westlake Ave. Will cost about \$50,000.

NORRIDGE.—Hunt & Burns, Los Angeles, have prepared plans for erection of bank building for Ojai Valley State Bank.

PASADENA.—Citizens will vote, June 22, on purchase of site for erection of proposed \$500,000 high school.

POMONA.—Pilgrim Congregational Church will erect \$85,000 edifice at corner of Garey Ave. and Pasadena St. General plans approved. H. J. Nichols, Chairman Building Committee.

SACRAMENTO.—Board of Directors of Chamber of Commerce Building Association has recommended to Chamber of Commerce that building be constructed on Seventh St.

SAN FRANCISCO.—Geo. E. Billings has had plans prepared for erection of residence on Twenty-fourth Ave.

Architects Havens & Toepke, Mutual Savings Bank Bldg., have completed plans for erection of \$60,000 building on Stockton St.

CONNECTICUT

BRIDGEPORT.—Architect Leonard Asheim has prepared plans for a three-family house on Shelton St. for Julius Nussenfeld.

SOUTH MANCHESTER.—Citizens have voted to erect eight-room \$35,000 school at the Center.

TORRINGTON.—Torrington Electric Light Co. will at once erect brick block on Water St.

WATERBURY.—Plans have been completed for addition to plant of Manufacturers' Foundry Co. on Railroad Hill St. F. Alton Clark, Naugatuck, Architect.

Architect E. E. Benedict, 51 Leavenworth St., has completed plans for residence to be erected at Morningside for Judge M. J. Bryne.

Architect C. Jerome Bailey, 63 Bank St., has completed plans for residence to be erected at the corner of Young and Webb Sts. for Joseph S. Niell.

DISTRICT OF COLUMBIA

WASHINGTON.—Coca-Cola Company is planning to erect building on N. Capitol St. Tentative plans prepared.

Plans for the new \$1,750,000 building for the Bureau of Engraving and Printing have been completed by Supervising Architect of Treasury Jas. Knox Taylor, and will be submitted to the Commission of Fine Arts. D. H. Burnham, Chicago, President.

WASHINGTON.—City proposes to erect \$250,000 school at Eleventh and Harvard Sts. C. S. Ashford, Dist. Bldg., Municipal Bldg.

WASHINGTON.—Plans will be prepared for erection of \$50,000 residence for Protestant Episcopal Bishop of this city in connection with Cathedral of SS. Peter and Paul, at St. Albans.

FLORIDA

NEW SMYRNA.—M. L. W. Cinton, Hillsboro St., will soon let contract for erection of proposed business block at Canal and Magnolia Sts.

GEORGIA

ALBANY.—Albany Hotel Co. is considering erection of \$100,000 hotel.

ATLANTA.—Special Committee, School Superintendent Wm. M. Slaton, Chairman, is considering plans for erection of proposed city schools.

ATLANTA.—Plans have been completed by Architect Edw. Choate for erection of \$50,000 edifice for Park St. Methodist Church.

SAVANNAH.—Plans have been made by the Halligan estate for rebuilding of the structures at York and Bull Sts., recently destroyed by fire.

ILLINOIS

CHICAGO.—Myrtle Masonic Temple Association will erect \$60,000 temple at corner of Irving Park Boulevard and N. Forty-second Court. Hatzfield & Knox, 143 Dearborn St., Architects.

Benjamin Kulp will construct, at corner of Kedzie Ave. and Franklin Boulevard, three-story, \$85,000 store, office and flat building, after plans by John A. Taggart, 333 Sixty-second St., Architect.

Fred A. Daley, President of Underfeed Stoker Company of America, is contemplating building a residence on Sheridan Road.

Eighth Church of Christ, Scientist, will erect \$150,000 edifice at corner of Michigan Boulevard and Forty-fourth St.

CHICAGO.—Board of Trade will organize holding company to build \$5,000,000 home at Jackson Boulevard and La Salle St.

CHICAGO.—Bids will be received until July 13 by Lincoln Park Commissioners for erecting field house and bath building at Stanton Park. Perkins & Hamilton, 1218 Hartford Bldg., Architects.

CHICAGO.—William Bross Lloyd and others will erect twelve-story \$500,000 mercantile building at 218 Washington St.

Plans will be prepared by Horatio R. Wilson & Co., 218 La Salle St., for erection of \$100,000 apartment house at corner of Ellis Ave. and Hyde Park Boulevard.

CHICAGO.—Rogers Park Presbyterian Church will erect \$15,000 chapel at Greenleaf Ave. and Perry St.

MOBILE.—Moline Lodge No. 133, and Manufacturers' Lodge No. 485, I. O. O. F., are planning joint erection of club and lodge building.

INDIANA

ALEXANDRIA.—Directors of Beulah Park Association have completed plans for erection of proposed preachers' dormitory at park.

BOONVILLE.—Clifford Shopbell & Co., Evansville, have prepared plans for erection of store for Wm. Kindermann & Sons.

ELKHART.—School Board has selected E. Hill Turnoch, Monger Bldg., to prepare plans for proposed school to be erected at Willowdale and Michigan Sts.

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EVANSVILLE.—Plans have been prepared by Clifford Shopbell & Co. for erection of number of buildings.

GARY.—Franciscan Order of Nuns will erect \$200,000 hospital at once at Sixth Ave. and Polk St. Plans prepared. Mother M. Benedict is head of order.

HUNTINGTON.—Caswell-Runyon novelty works will build \$15,000 addition to factory.

INDIANAPOLIS.—Erection of club house at Indianapolis Motor Speedway is being considered. F. T. Willis, Chairman Executive Committee.

LOGANSPOUT.—City will have \$80,000 available for erection of hospital. Judge M. J. Winfield is interested.

PENDLETON.—Erection of \$10,000 Carnegie library is being considered.

RICHMOND.—All bids received by Wayne County Commissioners for construction of new buildings at the county farm and for insane ward at the county jail have been rejected.

IOWA

CEDAR RAPIDS.—Architects Charles A. Dieman & Co. have completed plans for proposed new Coe College chapel.

CLINTON.—State Bank has decided to erect addition to building at E. Main and S. Monroe Sts.

HARLAN.—Interstate College is considering erection of \$60,000 building.

KANSAS

LAWRENCE.—Lake View Club has decided on plans for erection of \$20,000 club house.

HARPER.—Local Lodge, I. O. O. F., has decided to erect building at corner of Main and Central Sts.

KENTUCKY

GLASGOW.—Plans have been prepared by Clifford Shopbell & Co., Evansville, Ind., for erection of addition to Hotel Murrall and residence for C. F. Terry.

LOUISVILLE.—American Automobile Manufacturing Co. will erect \$125,000 factory in this city. B. B. Bales, President.

LOUISVILLE.—Belknap Hardware Co. is having plans prepared for erection of ten-story warehouse on Water St.

Bids will be received by Business Director of Louisville School Board until 3 p. m. July 20, 1910, for the erection of a new school building on corner of Morgan and Bland Sts. Thomas & Bohne, Kellar Bldg., Architects.

LOUISVILLE.—Architect C. A. Curtin, Columbia Bldg., is preparing plans for erection of edifice at Twenty-eighth and Chestnut Sts. for congregation of St. Charles Borromeo.

W. F. Yust, the librarian of the Louisville Public Library, is planning to build residence in Bonnycastle.

New church to be known as St. George's Mission will soon be built at Twenty-sixth and Oak Sts., under plans of Architects Gray & Hawes, Louisville Trust Bldg.

Architects Thomas & Bohne, Keller Bldg., have revised plans for Bland St. colored school, and the School Board will advertise for bids as soon as plans are approved.

NORMAL.—Sandy City School Board has plans by J. M. King for erection of brick school. E. H. Gartrell, Trustee.

LOUISIANA

AMITE CITY.—Bids for the erection of school house, according to plans drawn by Xavier A. Kramer, Architect, Magnolia, Miss., will be received by Board of School Directors of Parish of Tangipahoa until July 31.

NEW IBERIA.—Parish Board has ordered erection of four schools.

NEW ORLEANS.—City Engineer W. J. Hardee has completed plans and specifications to govern erection of two-store basement brick school building in square bounded by Barracks, Dauphine, Hospital and Burgundy Sts.

MARYLAND

BALTIMORE.—McCormick & Co. will erect warehouse and Mill on Concord St.

Plans for \$115,000 school building, No. 70, to be erected at William St. and Warren Ave., have been finished by Glidden & Friz, Architects; contract will be awarded this summer.

John Freund, Jr., Architect, 210 E. Lexington St., is finishing plans for \$20,000 new store building to be erected at 1016 and 1018 East Baltimore St. for R. Ember & Co.

Plans for department store to be erected for A. A. Brager at 225 and 227 North Eutaw St. have been finished by C. M. Anderson, Architect, 324 N. Charles St.

J. W. A. Foreman is drawing plans for apartment house to be erected at corner of Maryland Ave. and Twenty-sixth St.

BALTIMORE.—Architect Herbert C. Aiken, 213 N. Calvert St., has prepared plans for erection of \$6,000 residence at corner of Liberty Heights and Berwyn Aves., Forest Park, for J. A. Kaufman.

BALTIMORE.—Lieut. Thomas A. Terry, District Quartermaster, is preparing specifications for three fireproof buildings to be erected at Ft. Howard.

BALTIMORE.—Baltimore Copper Smelting and Rolling Co. has purchased site on Eighth St. and will erect larger factory.

Henry Myer & Co. have had plans prepared by Architect F. E. Beall, 213 St. Paul St., for \$6,000 addition to their factory at the rear of 3002 Elm Ave.

CUMBERLAND.—Board of Managers of Western Maryland Hospital and Training School for Nurses has decided to erect addition. Miss F. A. Taney, Superintendent.

MASSACHUSETTS

BOSTON.—Architect H. T. Hardenbergh, 47 W. Thirty-fourth St., New York City, has prepared plans for erection of \$3,000,000 hotel on Copley Square. Geo. A. Fuller Co., Fuller Bldg., New York City, General Contractors.

BOSTON.—Plans are being drawn by Wheelwright & Haven, 225 Devonshire St., for \$50,000 dwelling house to be erected at 96 Beacon St. for Henry D. Burnham, of 93 Beacon St.

CHELSEA.—All bids received for erection of postoffice building have been rejected. Jas. K. Taylor, Washington, D. C., Supervising Architect.

FALL RIVER.—Plans have been asked for erection of \$50,000 school on June St. and \$150,000 manual training high school.

WOBURN.—Bids will be received by James Knox Taylor, Supervising Architect, Washington, D. C., until 3 p. m., Aug. 9, for construction, complete, of U. S. post office.

WRENTHAM.—Bids will be received by Trustees of Wrentham State School, A. L. Harwood, Chairman, for erection of brick and concrete Custodial Building. Kendall, Taylor & Co., 93 Federal St., Boston, Architects.

MICHIGAN

BAY CITY.—Jennison Hardware Co., 901 N. Water St., has had plans prepared for erection of \$25,000 warehouse.

CALUMET.—Calumet & Hecla Mining Co. will erect hospital on Calumet Ave.

DETROIT.—City will soon ask bids for erection of shelter building at foot of Jos. Campau Ave. Nettleton & Weaver, 1405 Penobscot Bldg., Architects.

Bower Roller Bearing Co., Dayton, O., is considering erection of factory. C. F. Lawson, 114 Broadway, city, is interested.

Bauer Steel Body Co. will erect factory at Warren Ave. and Fifteenth St. M. D. Bauer, 762 St. Antoine St., Superintendent.

GRAND RAPIDS.—Erection of public comfort station is being considered. Alderman Droste is interested.

KALAMAZOO.—First Baptist Church has decided to erect edifice. H. Clare Jackson is interested.

KALAMAZOO.—B. Van Bochove, Hotel Portage, is preparing plans for a four-story brick and stone 80-room hotel; cost \$40,000.

Architect R. M. Gallup, Peck Bldg., is preparing plans for \$20,000 building for B'nai Israel Jewish Society. Saml. Thurman, 518 Walnut St., rabbi.

MINNESOTA

FERGUS FALLS.—Fergus Falls National Bank will erect building for Northwestern Telephone Co.

GRAND RAPIDS.—Architect J. J. Wagenstein, Duluth, is preparing plans for erection of proposed high school.

HIBBING.—Plans and specifications have been received for construction of three-story \$15,000 brick building for Peter McHardy and others.

MINNEAPOLIS.—Avery Co. will erect implement warehouse at Third St. and Fifth Ave., North.

MISSISSIPPI

WIGGINS.—Baptist Church will enlarge and improve edifice. Rev. H. C. Joiner, Pastor.



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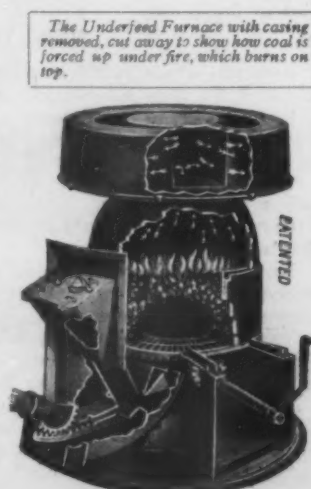
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MISSOURI

MARIONVILLE.—Board of Trustees of Marionville College has adopted plans by Reed & Heckenlively, Springfield, for erection of proposed Young Woman's dormitory and gymnasium. Cost, about \$30,000.

VANDALIA.—Mississippi Glass Co., St. Louis, will erect four-story steel, brick and concrete building in this city.

MONTANA

BILLINGS.—Council has passed ordinance for erection of \$10,000 detention hospital.

MISSOULA.—City has purchased site at Woody and Cedar Sts., for erection of City Hall.

NEVADA

RENO.—Plans will be received until July 20 for erection of Y. M. C. A. R. L. Fulton can be addressed.

NEW JERSEY

BAYONNE.—Hyman Rosensohn, 745 Broad St., is preparing plans for \$6,000 residence for Daniel J. Murphy, to be erected on Hudson County Boulevard, corner of Thirty-first St.

BLOOMFIELD.—Council is considering ordinance providing \$180,000 bond issue for erection of high school.

COLLINGSWOOD.—First Baptist Church is considering erection of edifice.

ELIZABETH.—Young Men's Hebrew Alliance is planning to erect club house. Frederick Spitalny is interested.

GLOUCESTER.—Baptists are planning to erect parsonage at Sussex and Middlesex Sts.

JERSEY CITY.—Plans have been completed by Architect Philip Weilbacher, 85 Booraem Ave., for erection of \$9,000 store and apartment building at Central Ave. and Hutton St. for Sarah Edgar.

KEARNY.—Uhlig-Gunz Co. will erect seven factory buildings, cost \$25,000, on Schuyler Ave. O. F. Gunz, Rutherford, President.

LINDEN.—Charles Knopf, 459 Eighteenth St., Newark, has designed plans for a two-family house to be built on corner of Adam St. and Essex Ave. for Stephen Keuhercz.

NEWARK.—A. Jedal Co. will erect large plant on Depot Road. Plans for three of proposed new schools for this city have been approved by Board of Education and bids will be asked at once for construction.

NEWARK.—Cohen & Bessman are preparing plans for three-story \$10,000 frame and stucco building to contain stores and apartments and to be erected for Chinich & Dentsky at corner of Eighteenth Ave. and Nineteenth St.

Bids will be received until 3 p.m., July 19, for erection, complete, of Ridge School; also alteration and repairs, four schools. R. D. Argue, Secretary Board of Education.

PATERSON.—Board of Education has decided to erect large school in First Ward.

TRENTON.—City will ask for bids in Fall for erection of proposed \$100,000 school at Exton and Rutherford Aves.

WESTFIELD.—Council will receive bids until Aug. 18 for erection of fire house.

NEW YORK

AUBURN.—Plans have been prepared by Architect Edward A. Howard, Syracuse, for remodeling the First M. E. Church.

BUFFALO.—Plans for \$500,000 Canisius College at Main and Jefferson Sts. have been completed, and contracts will be let at once for construction work.

ELMIRA.—Bell Telephone Co. is considering rebuilding of offices destroyed by fire.

GREENVILLE.—Board of Finance has decided to issue \$25,000 bonds to erect fire house.

NEW YORK.—Thos. F. Devine, premises, will erect five-story \$30,000 brick garage at 108 West End Ave. J. C. Cocker, 2017 Seventh Ave., architect.

The 520 Park Ave. Co., 59 Wall St., will erect twelve-story \$350,000 brick apartment house at corner of Park Ave. and Sixtieth St. W. A. Boring, 32 Broadway, architect.

The Damascus Amusement Co., R. G. Knowles, 110th St. and Riverside Drive, president, has filed plans for a three-story brick theater to be built in Longwood Ave., which will cost \$100,000, as estimated by Klein & McElfatrick, 701 Seventh Ave., architects.

NEW YORK.—M. Friedsam, 361 Fifth Ave., will erect twelve-story loft building, cost \$250,000, on Forieth St. C. H. Caldwell, 160 Fifth Ave., Architect.

Normal Construction Co., 661 Tinton Ave., will erect \$7,000 factory on 134th St. C. B. Meyers, 1 Union Square, Architect.

NEW YORK.—P. J. Carlin Construction Co., 16 E. Twenty-third St., will erect twelve-story brick lofts on Thirty-eighth St. Cost, \$360,000. J. Helme, 190 Montague St., Brooklyn, Architect.

Wm. T. Kaysser, 236th St. and Digney Ave., will erect four two-story frame dwellings on Pitman Ave. Cost, \$16,000. Louis Kaysser, 480 E. 169th St., Architect.

National Academy of Design is considering erection of monumental fine arts building. John W. Alexander, President.

Tremont Mills, C. A. Jacobs, 81 Greene St., President, will erect four-story \$50,000 factory on Ittner Place. Shire & Kaufman, 110 E. Twenty-third St., Architects.

Estate of Isaac G. Johnson, Spuyten Duyvil, will erect four brick dwellings, cost \$8,000, on Kappock St. R. W. Gardiner, 122 W. Twenty-ninth St., Architect.

Trinity Church Corporation will erect modern six-story building at 39 and 41 Clarkson St.

NIAGARA FALLS.—National Lead & Battery Co. will erect addition to plant on Buffalo Ave.

ROCHESTER.—Bids will soon be received for erection of proposed tuberculosis hospital at Brighton. A. E. Babcock, Supervisor.

SYRACUSE.—A. C. Androus will erect large residence at 918 W. Onondaga St.

Dodge & Zuill Manufacturing Co. will erect six-story factory at 505 E. Water St. Gordon A. Wright, architect.

SYRACUSE.—Special Coroners' Committee, County Supervisors, has recommended erection of \$25,000 morgue building. J. P. Schlosser, Chairman.

Architect Edward A. Howard has prepared plans for two-family dwelling to be built in Swaneola St. for Edward T. Hawkins. Contracts will soon be awarded.

Syracuse Milling Company, Wieting Block, has decided to enlarge plant at Canal and Winton Sts. by erection of another warehouse.

OHIO

AKRON.—Bids will be received until noon, July 25, for erection of proposed South High School, West Thornton and Coburn Sts. Harpster & Bliss, 56 Central Savings & Trust Bldg., Architects; Jas. T. Flower, President Board of Education.

CINCINNATI.—Albert Sunderbach is planning to build two-story brick and frame residence on Glendora Ave. Philip Pfeiffer, 10 E. McMillan St., is making plans.

Samuel Hannaford & Sons, Hulbert Block, are preparing plans for remodeling of the old Hammond St. Station House into a municipal lodging house. Cost, about \$20,000.

A. E. Burkhardt has had plans prepared for erection of five-story building at Third and Main Sts.

CINCINNATI.—Architect G. W. Drahs, Union Trust Bldg., is preparing plans for erection of \$350,000 power building to be erected at Ninth and Broadway.

Plans are being made by Architect L. W. Fahnestock for E. Chase Bryant for modern brick residence to be built at Westwood. The same architect is planning similar house to be built for A. L. Atkins.

COLUMBUS.—Architect J. A. Jones, Despatch Annex, is drawing plans for a residence to be erected on Studer Ave. for T. J. Kelly.

Architect C. L. Insko, Brunson Bldg., is preparing plans for erection of Colonial residence to be erected at Mt. Sterling for Wm. McCafferty.

Board of Trustees of Ohio State University has awarded commission of drawing plans for \$250,000 library building to be erected on campus to Allen & Collins, 6 Beacon St., Boston.

COLUMBUS.—Four armories will be built by State Army Board this year.

DEFIANCE.—Bids will be opened July 25 for erection of proposed Masonic Temple. F. L. Hay, Chairman, Building Committee.

EAST LIVERPOOL.—Congregation of First Christian Church has purchased site at E. Fourth and College Sts. for erection of \$30,000 edifice.

LIMA.—Bids will be received until July 28 by Architect F. L. Packard, Hayden Bldg., Columbus, for erection of buildings at State Hospital to cost \$200,000.

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OREGON

ASTORIA.—Architect Otto Kleemann, 30 Grand Ave., North, Portland, has drawn the plans for fireproof business block to be built for A. G. Spexarth.

HOOD RIVER.—Captain Charles P. McCan will begin immediately on construction of \$35,000 theater. Plans are being completed by Architect A. A. Bartlett.

PORTLAND.—City Board of Health will ask Council to appropriate \$15,000 for erection of detention hospital.

Roberts & Roberts, Architects, are preparing plans and specifications for \$8,000 two-story frame building to be erected on Twenty-first St. for Mrs. L. L. Weir.

Architects Tobey & Lewthwaite are preparing plans and specifications for church building to be erected by congregation of the First German Evangelical Reformed Church, at corner of Twelfth and Clay Sts.

PRINEVILLE.—Prineville School District has decided to erect school. Dr. H. P. Belknap, Chairman School Board.

PENNSYLVANIA

EVANS CITY.—Citizens have voted \$8,000 bonds to erect school.

GLENSIDE.—Carmel Presbyterian Church has had plans prepared for enlargement of edifice.

GREEN RIDGE.—Premier Subscription Co. will at once erect factory in this city. Lewis Hancock, Jr., Coal Exchange Bldg., Scranton, Architect.

MEDIA.—Swartmore School Board has purchased site for erection of school.

PHILADELPHIA.—Architects Stuckert & Sloan have prepared plans for erection of \$15,000 factory at 339 N. Third St. for C. H. Hale & Bro.

Architect William C. Furber, 416 Walnut St., is preparing plans for remodeling dwelling at 1216 Chancellor St., into addition to Business and Professional Men's Club.

PHILADELPHIA.—Fire Association of Philadelphia, 409 Walnut St., has commissioned Edgar V. Seeler, Real Estate Trust Bldg., to design seven-story office building to be erected for its own use at corner of Fourth and Walnut Sts.

Trinity Reformed Church, 1533 N. Seventh St., is considering purchase of another site for edifice.

PHILADELPHIA.—Leo Niessen Co., 1209 Arch St., is having plans prepared for erection of seven-story building, cost \$50,000, at corner of Twelfth and Race Sts.

PITTSBURG.—Board of Education in Nineteenth Ward is negotiating for purchase of land upon which to erect another school house.

Pittsburg Manufacturers' Power Co. will erect six-story steel building in this city.

PITTSBURG.—Architects Palmer & Hornbostel, Empire Bldg., are preparing plans of a brick addition to Rodef Shalom Synagogue, on Fifth Ave., to cost \$15,000.

PLAINS.—School Directors are considering erection of modern high school.

SHARON.—Sharon Steel Hoop Co. will at once erect proposed wide band mill.

SHERADEN.—Frame church, cost \$6,000, will be built for the Christian congregation, from plans by B. J. Long, Pittsburg.

WEST CHESTER.—The Board of Trustees of West Chester State Normal School has decided to build additional dormitories for male students.

WILKINSBURG.—Plans of \$30,000 church are being drawn by Milligan & Miller, Pittsburg, for Methodist Episcopal congregation.

RHODE ISLAND

CRANSTON.—Bids will be received until noon, July 14, for erection of addition to Oaklawn School. Thornton & Thornton, Providence, Architects; D. S. Latham, Auburn, Clerk School Committee.

SOUTH CAROLINA

CHARLESTON.—Greek residents have decided to build church at St. Philip and Fishburne Sts.

WILLISTON.—Citizens have voted \$12,000 bonds for school improvements.

TENNESSEE

CHATTANOOGA.—Hamilton County is considering \$100,000 bond issue for erection of schools.

TEXAS

CORPUS CHRISTI.—County Superintendent Benton has received plans and specifications for three new brick school buildings to be erected in Nueces County during year.

HOUSTON.—Architect Harry C. Banker has prepared plans for erection of \$35,000 residence at Richmond Road and Main St. for J. W. Link.

Union National Bank has had plans completed by Moran & Russell for erection of twelve-story building at Main and Congress Sts.

MISSION.—Plans have been prepared for erection of proposed \$13,000 school.

WACO.—Brook Ave. Baptist Church is considering erection of edifice. Rev. Chas. P. Chandler, Pastor.

UTAH

LOGAN.—Commercial Club is interested in proposed erection of hospital.

SALT LAKE CITY.—Griffin Car Wheel Co., Chicago, is planning to erect plant at Fifth North St.

VERMONT

ST. ALBANS.—Plans and estimates by L. L. C. Best have been accepted by Board of Managers of Hospital, for erection of nurses' home.

VIRGINIA

CLARENDON.—Milburn, Heister & Co., Architects, Home Life Bldg., Washington, D. C., are preparing plans and specifications for church to be erected for St. Charles Roman Catholic congregation.

NORFOLK.—Architect Edward Overman has completed plans for construction of brick block on High St. for L. Kootz.

Bids will be received until noon, July 21, for erection of school building in Lafayette Residence Park. Lee & Diehl, 408 Seaboard Bank Bldg., Architects; A. H. Foreman, Superintendent Norfolk County Public Schools.

WASHINGTON

BELLINGHAM.—Architect A. Dudley, Crary Bldg., Seattle, is drawing plans for \$30,000 concrete church building for Bellingham Presbyterian Congregation.

EVERETT.—Bresemann & Durfee, Architects, Central Bldg., Seattle, are ready for bids on \$35,000 reinforced concrete apartment house, to be erected in Everett for H. C. Hedges.

PLAZA.—School District has voted to erect gymnasium.

SPOKANE.—Mrs. Jas. Durkin will erect residence at Lincoln St. and Ninth Ave. Plans by the Ballard Plannery.

S. C. Armstrong, 1022 Cedar St., has had plans prepared for erection of \$10,000 residence on Ninth Ave.

Architect Albert Held, Hyde Block, has prepared plans for erection of ten-story office building at First Ave. and Howard St.

TACOMA.—Jesse O. Thomas, Jr., has had plans completed for \$15,000 two-story concrete garage at corner of N. Second and G Sts.

Trustees of Mason Methodist Episcopal Church are having plans drawn for \$25,000 English half-timber type edifice at corner of N. Twenty-eighth and Monroe Sts.

First Christian Church, Scientist, will erect \$50,000 edifice at Division Ave. and I St.

WEST VIRGINIA

FAIRMONT.—Architect E. E. Pruitt, Y. M. C. A. Bldg., Columbus, O., has completed plans for erection of \$75,000 edifice for First M. E. Church.

KEYSTONE.—Brown Creek District will vote, July 19, on \$65,000 bonds for improvements to schools.

KINGWOOD.—Bank of Kingwood has commissioned Milburn, Heister & Co., Architects, Home Life Bldg., Washington, D. C., to prepare plans and specifications for bank and office building.

WISCONSIN

BAYFIELD.—Masons of this city have decided to build large home, and will call for bids for its construction.

MILWAUKEE.—Marquette University will erect quarters for College of Engineering, at cost of \$25,000.

MILWAUKEE.—Architect Fred Graf, 307 Grand Ave., has drawn plans for three houses for E. Eldred Magie, to be built at corner of Lake Drive and Kenilworth Place.

SUPERIOR.—Slavic Catholic residents are planning erection of church building and parish hall on Belknap St.



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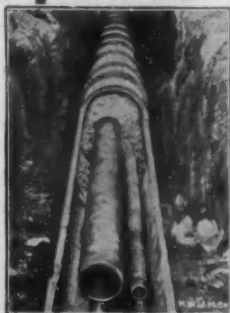
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Treasury Department, Office of the Supervising Architect, Washington, D. C., June 27, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 9th day of August, 1910, and then opened, for the construction, complete (including plumbing, gas fitting, heating apparatus, electric conduits and wiring) of the U. S. Post Office at Woburn, Mass., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Woburn, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1802-3)

Treasury Department, Office of the Supervising Architect, Washington, D. C., June 24, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 8th day of August, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Amsterdam, N. Y., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Amsterdam, N. Y., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1802-3)

Treasury Department, Office of the Supervising Architect, Washington, D. C., June 18, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 10th day of August, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Decorah, Ia., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Decorah, Ia., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1802-3)

Treasury Department, Office of the Supervising Architect, Washington, D. C., June 20, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 4th day of August, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Chelsea, Mass., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Chelsea, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1802-3)

NOTICE TO CONTRACTORS

Sealed proposals for work at Central Islip State Hospital, Kings Park State Hospital, and Manhattan State Hospital, as described below, will be received by the State Commission in Lunacy, Capitol, Albany, N. Y., until 3 o'clock p. m., Wednesday, the 27th day of July, 1910, when they will be opened and read publicly.

For Central Islip State Hospital, Central Islip, L. I., N. Y., kitchen and dining room building, conduits, steam mains, feeder cables and outside sewer and water connections for new group, additional boiler capacity, North Colony, construction including heating, plumbing and electric work.

For Kings Park State Hospital, Kings Park, L. I., N. Y., kitchen and dining room building, conduits, steam mains, feeder cables, sewer and water connections for new groups, construction including heating, plumbing and electric work.

For Manhattan State Hospital, Ward's Island, New York City, kitchen building, steam mains and feeder cables for new cottages, construction including heating, plumbing and electric work.

Proposals shall be accompanied by certified checks as follows:

For work at Central Islip State Hospital, \$3,500.
For work at Kings Park State Hospital, \$4,000.
For work at Manhattan State Hospital, \$1,250.

Contractors to whom the awards are made will be required to furnish surety company bonds within 30 days after official notice of award of contract, in accordance with the specifications, in the following amounts:

For work at Central Islip State Hospital, \$35,000.
For work at Kings Park State Hospital, \$40,000.
For work at Manhattan State Hospital, \$12,500.

Drawings and specifications may be consulted and blank forms of proposals obtained at the institution for which the work is advertised; or for all the work at the office of the State Commission in Lunacy, 1 Madison Ave., New York City, and at the office of the State Architect. Complete sets of plans and specifications for the work at each institution, or for all the work will be furnished to prospective bidders provided application for same is received before the 23d day of July by the State Architect, Franklin B. Ware, Albany, N. Y. T. E. McGARR, Secretary.
State Commission in Lunacy (1803-4)

NOTICE TO CONTRACTORS.

Sealed proposals for construction, including heating, plumbing and electric conduit work for two new dormitory buildings, and additions and alterations to present buildings, at Letchworth Village, Thielia, N. Y., will be received by Mr. Franklin B. Kirkbride, Secretary of the Board of Managers, Letchworth Village, Room 215, No. 55 Wall Street, New York City, until 11 o'clock A. M., on the 28th day of July, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000, and the contractor to whom the award is made will be required to furnish Surety Company's bond in the sum of \$20,000, within thirty days after notice of award of contract and in accordance with the terms of Specification No. 1364. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of Franklin B. Kirkbride, secretary of the Board of Managers, Letchworth Village, Room 215, No. 55 Wall St., New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y. (1903-4)

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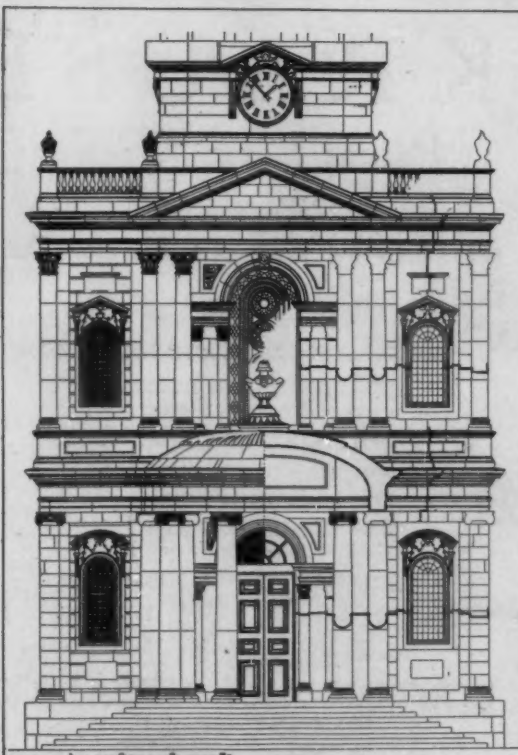
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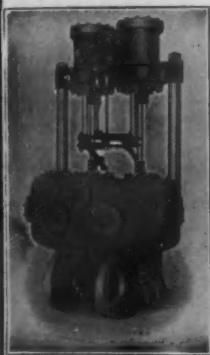
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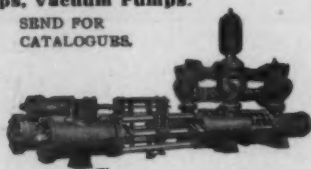


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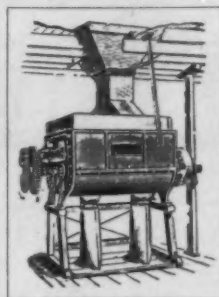
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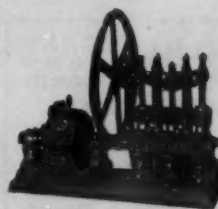
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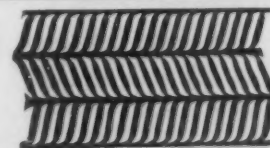
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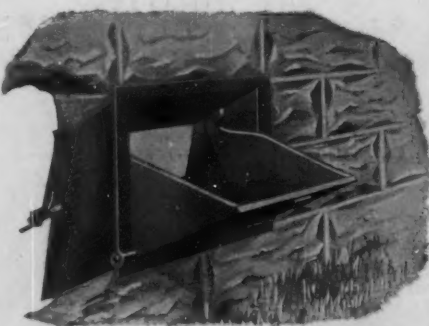
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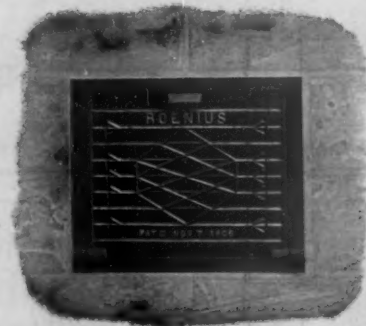
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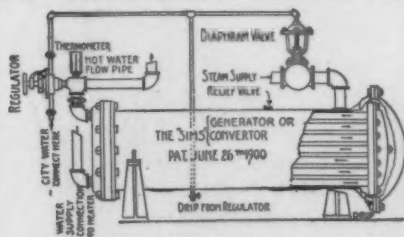
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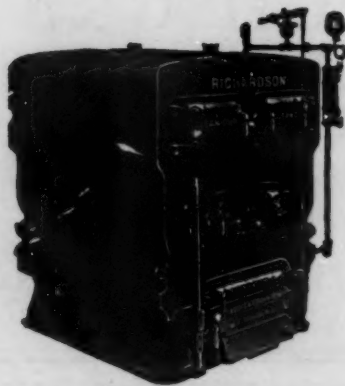
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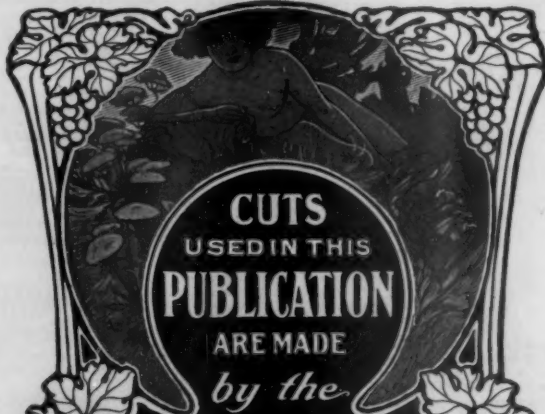
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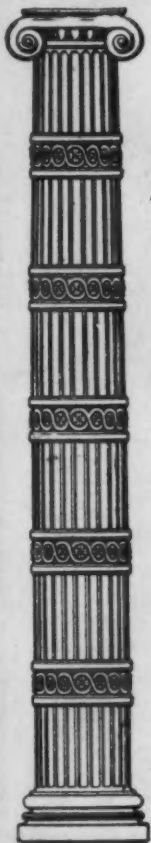
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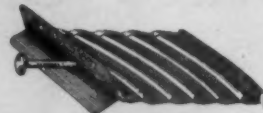
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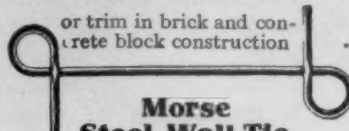
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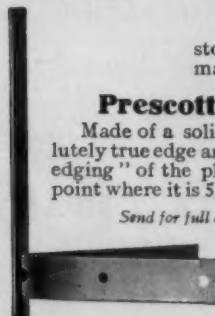
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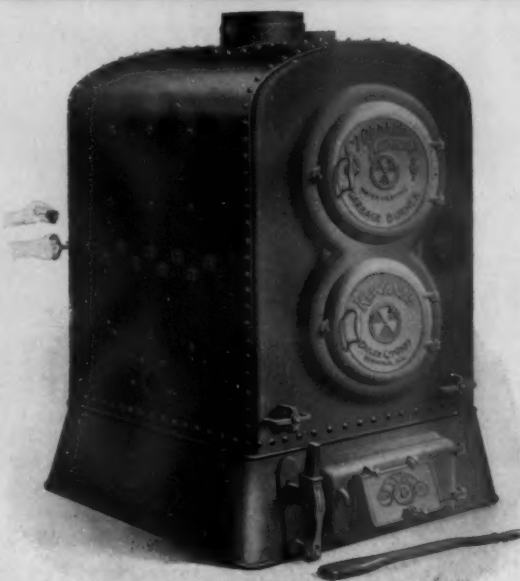
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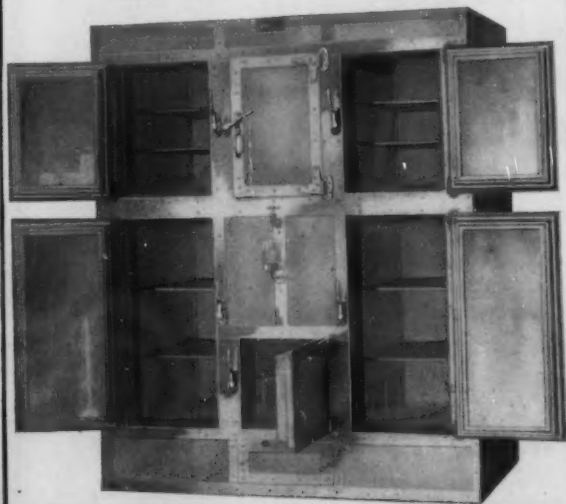
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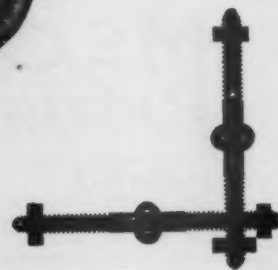
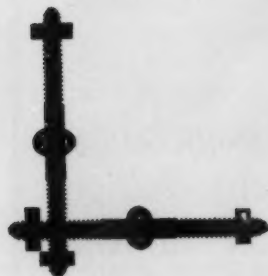


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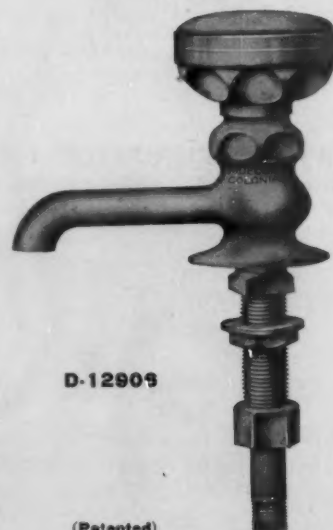
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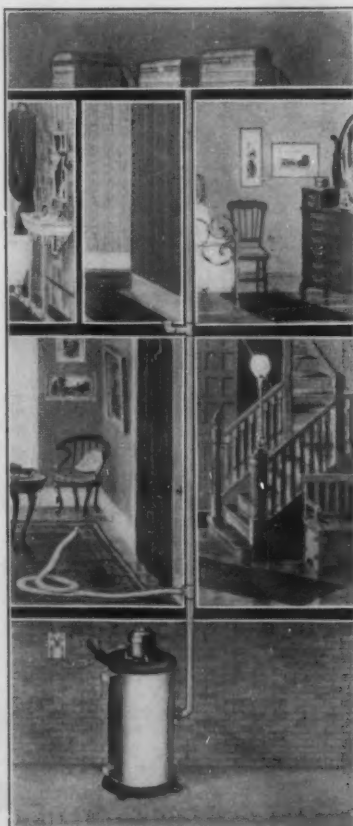
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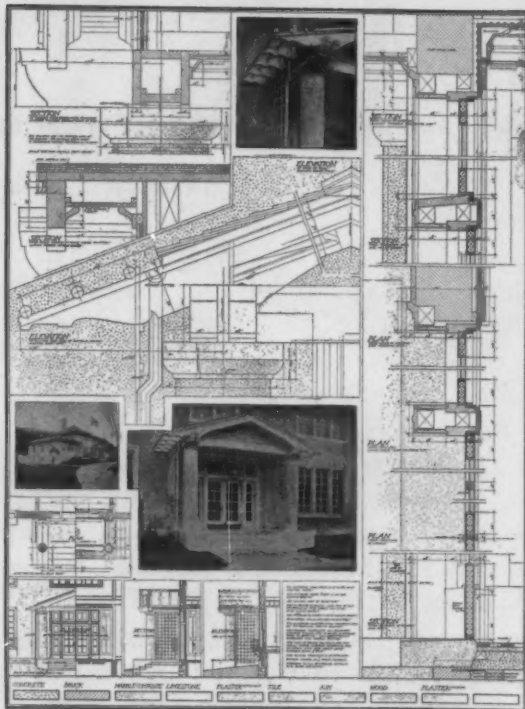
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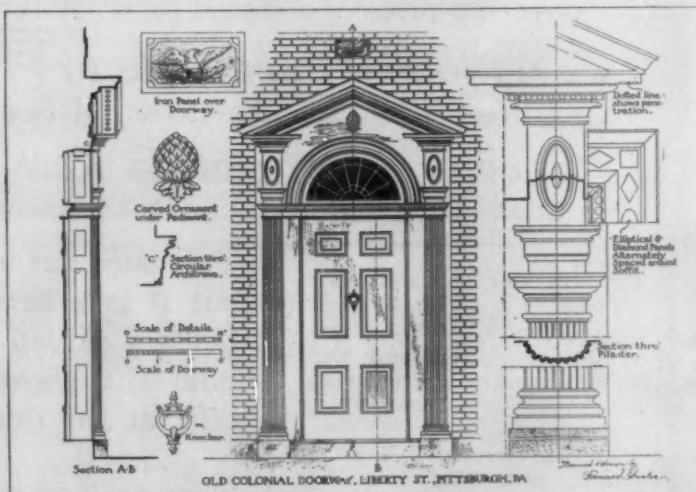
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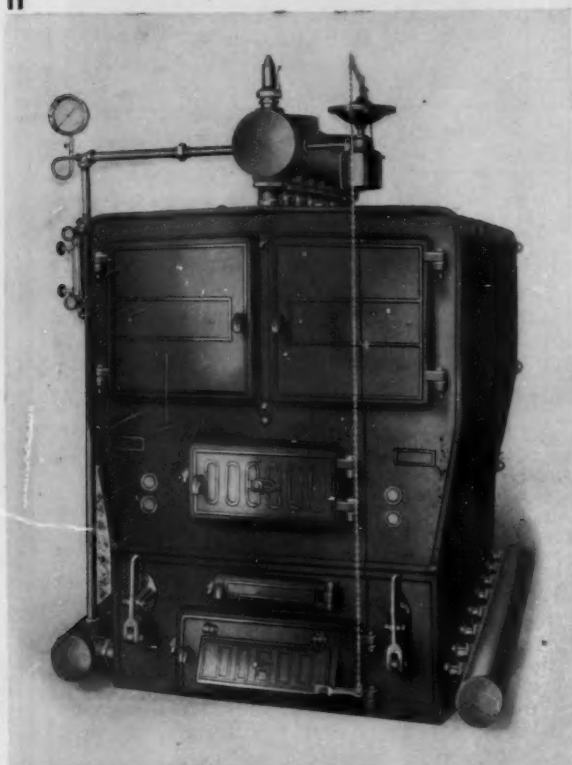
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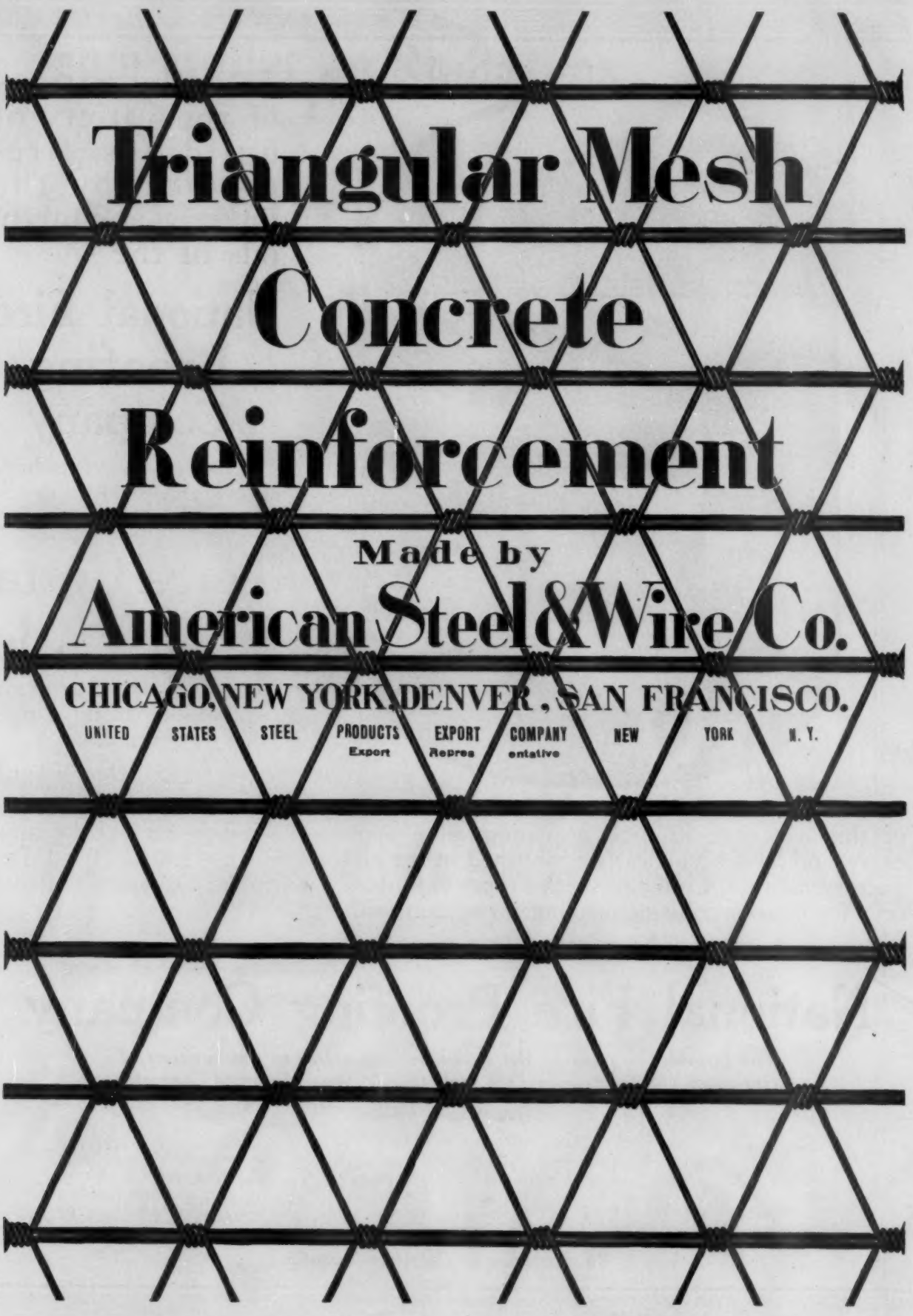
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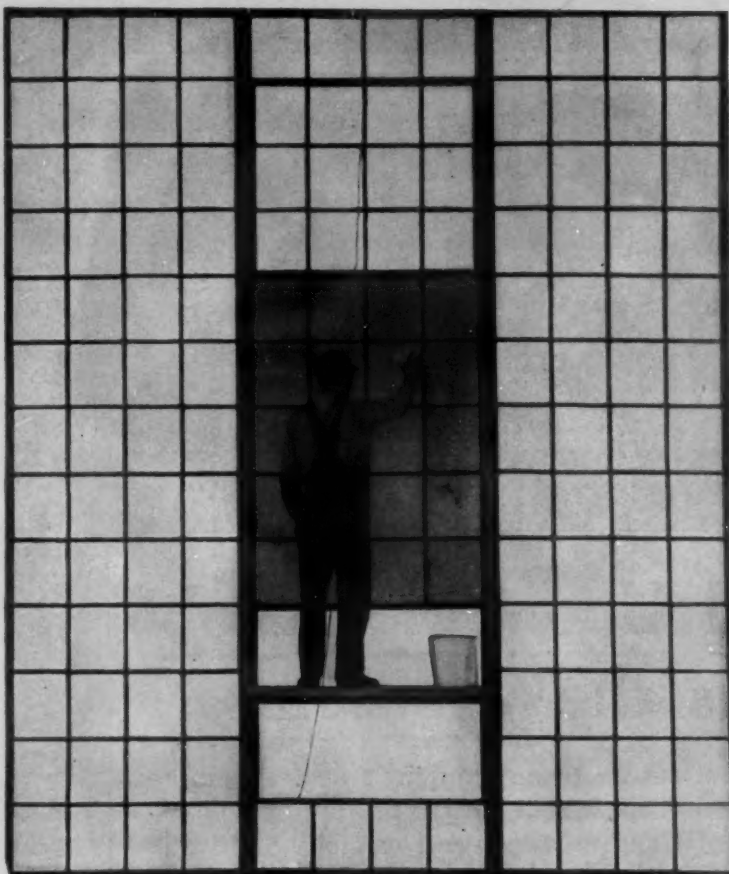
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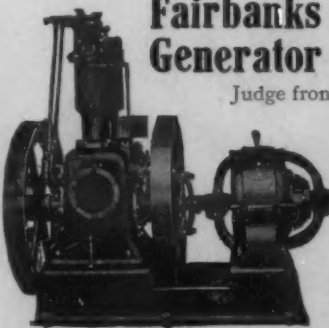
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The Day of the Critic and the Connoisseur

At last month's banquet of the Royal Society of Painters in Water-Colors, Sir Felix Schuster observed that water-color painting was essentially a British art. "That is true enough," says a writer in the *Morning Post*, "but when he added 'the foreigner was not to be considered' he was really going too far. At Messrs. Obach's are still to be seen the remnant of the beautiful exhibition of Harpignies, an inspection of which we confidently recommend to the distinguished Free Trader. Only Turner, Cotman, and Cozens have ever surpassed the French master, and only at their very best. Turner was, of course, more various, more daring, but Britannia will not rule the water-colors by ignoring the force of waves from the opposite shore. . . . Artists are often heard lamenting the days when there were no critics and no connoisseurs. But it would be rash to assert that such a golden age ever existed. We might hazard from Lucian that there were keen discussions about the two painters who bore the name of Apelles, as even now people get mixed about the two Shannons. . . . One of the saddest thoughts arising irresistibly from a contemplation of the ruins of Herculaneum is the amount of art criticism that must have perished in the cataclysm of Vesuvius. If analogies may be drawn from the discoveries in the villa of the papyri and the treasures now preserved at Naples, there must have been rolls and rolls of dull and conscientious discussion on aesthetics. For where art is, there are the cormorant critics gathered together. Perhaps, if Professor Waldstein's dream is realized, we shall recover one day what some people will hardly regard as a loss."—*The Architectural Review* (London).

The National Academy Seeks a Site for Its Proposed New Building

That the National Academy will this Fall take definite action toward securing a site whereon it may erect its new building now seems certain. It has received, it is stated, assurance of the financial support of the most influential art patrons in New York, and it is expected that a fund fully ample for the erection of a suitable gallery will become available.

While many sites have been proposed, none have been deemed as entirely suitable. An art gallery is, as a rule, a low building, seldom more than two stories in height, and must have, in order to properly show the paintings hung on its walls, an unobstructed natural light. The problem has been to secure a site where subsequent building operations or adjoining property, would not by the erection of tall structures, ruin the building for the purpose for which it was erected.

To House Policemen and Firemen in the Same Building

Fire Commissioner Waldo, of New York City, has submitted plans to Mayor Gaynor for inaugurating a system of standard construction of fire houses and has proposed that fire companies and policemen shall, so far as possible, be stationed in the same building. His idea is that there would be both economy and increased efficiency by such an arrangement.

Commissioner Waldo does not propose to have the firemen and policemen occupy the same quarters, but he believes that by the construction of a building that could be arranged for both services the city would benefit by securing harmony and promptness of action. He has not worked out the details of the suggestion.

It is believed by the Commissioner that if certain "standard" or uniform plans for firehouses can be agreed upon, the city will save money, both in the construction and maintenance of the department buildings.

Restoration of the Palace of the Popes at Avignon

The restoration of the Palace of the Popes at Avignon is steadily proceeding, and numerous interesting archaeological discoveries are being made. The apartment called the "Salle des Audiences" is now completely restored, and in the chapel the stained glass which was destroyed during the occupation of the building as a barracks has been replaced according to its original design. The municipality of Avignon are occupied with the restoration of the ancient battlements extending along the bank of the Rhone, between Porte Saint-Dominique and Porte de l'Oulle.—*The Architectural Review* (London).

PERSONAL

We are advised that the firm of Temple, Burrows & McLane, architects, Davenport, Iowa, has been dissolved. Mr. C. D. McLane having withdrawn, the practice will be continued by Seth J. Temple and Parke T. Burrows, under the firm name of Temple & Burrows.

Mr. J. B. Urquhart, architect, announces his withdrawal from the firm of Wilson, Sampayrac & Urquhart, Columbia, S. C., and advises us that he has opened offices in the "Skyscraper" building, Columbia, where he will practice his profession. He desires to receive catalogues and samples.

BOOK NOTES

HOUSING REFORM. A handbook for practical use in American cities. By Lawrence Veiller. New York: Charities Publication Committee.

In a foreword written by Mr. Robert W. DeForest, and which is in the nature of an appreciation of Mr. Veiller's book, he states:

"We Americans have an unhappy faculty of not remembering until after we have forgotten, of not beginning to conserve our resources and save our forests until after we have lost them. But we are surely practical enough to profit by experience. And experience applied to housing reform establishes the proposition which should be printed in large type that NO GROWING AMERICAN CITY, HOWEVER FREE FROM TENEMENTS NOW, CAN AFFORD TO BE WITHOUT BUILDING REGULATIONS TO PREVENT DARK ROOMS AND UNSANITARY CONDITIONS."

Every one who has given thoughtful consideration to the important subject of housing reform will, we are sure, agree with Mr. DeForest in this contention, and agreeing, will take up the perusal of Mr. Veiller's

book with added appreciation of its masterly presentation of the subject. The work is a practical handbook on tenement reform in America. Its author has made a lifelong study of the subject, and as a settlement worker in New York has acquired by actual observation a true knowledge of how wage earners of that city live. He has held important executive offices in the Tenement House Committee in New York and for many years was closely identified with the New York Charity Organization Society.

The theoretical reformer, who from his library indites letters to the editors of the daily press, or "views with alarm" the conditions existing in the localities of densest population, has no knowledge of the extreme conditions that are so apparent to the men and women who brave disease and violence by actual contact with the "submerged tenth" of our population.

It would not be possible to conduct every one so that they might by personal contact become familiar with conditions now existing, nor is it advisable to place much credence on the articles that appear in the daily press. The dominant idea in these is a "story" that will make effective matter for the Sunday supplements.

It is therefore fortunate that we can take up a book like Mr. Veiller's knowing that all his statements are based on absolute facts and that every deduction he presents has back of it an experience that is actual and the result of impartial reasoning.

The situation is not as hopeless as some alarmists would have us believe. Conditions are improving. The man of middle age who knew his New York two decades ago realizes how much has been accomplished by the efforts of men like Mr. Veiller.

There is yet much to be done. Our tenement house laws are a vast improvement over earlier ones, but we shall have to be patient. Let us hope that with the campaign of education now being waged the people will become more keenly alive to the importance of housing reform, and thus, ultimately, secure the results that are now so devoutly to be wished.

Estimating Frame and Brick Houses, Barns, Stables, Factories and Outbuildings. By Fred T. Hodgson. Full cloth, 250 pp., size $4\frac{1}{2} \times 6\frac{3}{4}$. Price \$1.00. New York—David Williams Co.

This work, now in its eighth edition, may be truthfully said to have found a place in the hands of men who desire a safe and accurate guide in estimating. In the hands of the man who, from lack of experience, has not been able to fully anticipate the contingencies that appear in every contract, Mr. Hodgson's little book will be found helpful. Mr. Hodgson is a writer of much experience on building topics, and his statements are all based on a wide experience that will insure their reliability.

Hicks' Builders' Guide; An easy, practical system of estimating material and labor, for carpenters, contractors and builders. Revised and enlarged. By J. P. Hicks. Full cloth, 165 pp., size $4\frac{1}{2} \times 6\frac{3}{4}$. Price \$1.00. New York—David Williams Co.

This is the twentieth thousand of a work that has found favor with practical men. It has already

proved a reliable guide in the quick and accurate estimating of material and labor. The author is a man who has had much practical experience, and he may be followed with safety in the deductions he arrives at and in his statements of costs.

INDUSTRIAL

Panic Exit Devices

Probably one of the most voluminous catalogues ever issued is that of the Russell & Erwin Mfg. Co., whose general offices and factories are at New Britain, Conn., with branch offices in New York, Chicago, Philadelphia and San Francisco.

This catalogue when first issued was a book of large dimensions, and was put together in such a way as to admit of the addition of loose sheets describing the latest designs and improvements in the extensive line of specialties made by this company.

The latest supplementary sheets illustrate and describe new designs in latches, door-plates, door-checks, and, particularly, a new door-bolt for application to panic exits of buildings.



The importance of a device to be attached to exit doors of buildings where large numbers of people are congregated, cannot be overestimated. It will not be necessary to refer to the many instances where the absence of some device like this panic exit bolt has resulted in an appalling loss of life.

The Collinwood school disaster is yet fresh in the mind of everyone.

These panic exit bolts are built to keep the door closed, permit no entry from the outside and yet allow the door at all times and under all conditions to be freely opened from the inside by a slight pressure on the bar, which extends horizontally across its face. It is claimed that a principle never before employed in door-bolting mechanism has been embodied in the construction of these panic exit bolts.

The illustration herewith, reproduced from the catalogue referred to, will show the application of the device.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—Bids will be asked at once for erection of proposed fire station on Nineteenth St. Mayor O'Brien, Chairman Special Committee.

BIRMINGHAM.—Senn Pressed Steel & Hoe Co. will erect plant in East Birmingham. Edw. Senn, Egg Harbor, N. J., President.

COREY.—Architects Warren & Welton, Birmingham, have prepared plans for \$200,000 worth of improvements, including civic group of five municipal buildings.

DECATUR.—Large addition will be made to school building in Ward 2, New Decatur. Residents of the West Side are urging erection of school.

FLORENCE.—Bids will be received until Aug. 2, extension from July 12, for erection of jail for Lauderdale County. Smith & Carter, Montgomery, Architects; J. L. Hughston, Probate Judge.

MIDLAND CITY.—School Board has decided to erect two-story brick and stone school.

ARKANSAS

ASHDOWN.—J. M. Johnson is planning to erect three-story hotel. Bids will be received until July 25.

HEBER SPRINGS.—School Board is planning erection of \$20,000 school.

JONESBORO.—Agricultural School Board, Northeastern District, is considering plans for new buildings.

LAKE VILLAGE.—City is having plans prepared by Theo. Sanders, Little Rock, Ark., for \$15,000 school for white children and \$7,000 school for negroes.

LITTLE ROCK.—Rock Island Railroad will build new passenger and freight depots and make other improvements, at total cost of \$500,000.

PRESCOTT.—Prescott School Board, Alexander Vaughan, Secretary, will receive bids until July 23 for construction of two-story brick high-school building. Frank W. Gibb & Co., Architects, Gazette Bldg., Little Rock.

CALIFORNIA

DAVIS.—Presbyterian Church is planning erection of \$10,000 edifice. Rev. T. J. Buckle, Pastor.

DAVIS.—New bids will be asked for erection of addition to shop buildings on University farm.

LOS ANGELES.—Annex to city market at Ninth, San Julian and San Pedro Sts. will be built by Frank Simpson, President of the Frank Simpson Fruit Co. Construction will begin at once. cost, \$15,000.

Plans have been completed by Nicholson & Seehorn for two-story reinforced concrete store and loft building to be erected on Hill St. for Ontario Investment Co.

Plans are being prepared by Frederick Noonan for two two-story, ten-room residences to be erected for L. B. Lesperance on Mariposa Ave.

PASADENA.—Theodore Irwin, 240 N. Grand Ave., will have plans drawn immediately for residence to be built in Oak Knoll.

E. F. Robbins, 260 Bellefontaine St., is planning to erect summer home in Oak Knoll; will begin during fall.

PLACERVILLE.—El Dorado County Grand Jury, A. S. Bosquit, Clerk, has recommended erection of \$135,000 court house on Bedford Ave.

POMONA.—Architect Robert H. Orr has prepared plans for number of buildings, including \$10,000 church and four residences.

ROSEVILLE.—Presbyterian Church will erect \$9,000 edifice. Rev. O. L. Linn, Chairman Building Committee.

SACRAMENTO.—Northern Electric Co. will erect four large warehouses, repair shops, etc., on west side of Sacramento River, at foot of M St.

SACRAMENTO.—First Christian Church has decided to erect \$20,000 edifice at Sixteenth and L Sts. Rev. J. J. Evans, Pastor.

SAN FRANCISCO.—Board of Finance has allowed \$55,000 appropriation for proposed Lincoln School.

SAN FRANCISCO.—Directors of San Francisco Turn Verein have accepted designs and plans of Architect E. A. Neumark for \$50,000 Turn Verein Hall to be erected at once on Sutter St.

SANTA MONICA.—Arthur H. Fleming, Dodworth Bldg., Pasadena, is having plans drawn for \$10,000 residence to be erected in Palisades.

J. B. Proctor, 202 Dudley Bldg., has stated that fifteen residences are to be started before fall in this section.

COLORADO

TRINIDAD.—J. O. Packer will erect four-story modern building on North Commercial St.

CONNECTICUT

HARTFORD.—Plans have been prepared by the W. D. Johnson Co. for erection of building at Connecticut Reformatory. M. W. Seymour, Litchfield, President Board of Directors.

REDDING.—The Mark Twain Free Library has \$6,000 available for erection of building.

WATERBURY.—Plans have been completed by Architect C. Jerome Bailey, 63 Bank St., for erection of number of residences.

DISTRICT OF COLUMBIA

WASHINGTON.—Marsh & Peter, 520 Thirteenth St., N. W., have prepared plans for erection of public library for Takoma Park Branch. C. J. Bell, Thirteenth St., N. W., and Pennsylvania Ave., Chairman Public Library Commission.

FLORIDA

JACKSONVILLE.—Bids will be received about August 1 by W. B. Camp, Livingston Bldg., Architect, for erection of chapel and apartments for Salvation Army. Cost about \$20,000.

TAMPA.—American National Bank Co. will expend \$35,000 in additions to present building. Dr. E. Neve will at once erect brick block at Florida and Michigan Aves.

GEORGIA

ATLANTA.—Architect R. H. Hunt, News Bldg., Chattanooga, Tenn., has prepared plans for erection of edifice for Dr. Broughton.

AUGUSTA.—Erection of fire house at Fifteenth St. and Walton Way is being considered.

MACON.—Grand Lodge of Georgia Masons will soon begin work on erection of proposed temple.

ILLINOIS

CHICAGO.—Standard Oil Co. is to build three-story brick and stone warehouse at corner of S. Leavitt and W. Fourteenth Sts.

CHICAGO.—Charles F. Gunther has completed arrangements for erection of a nine-story, fireproof, steel construction building at the northwest corner of Wabash Ave. and Harmon Place. Plans, which are being prepared by Architect George Beaumont, 115 Dearborn St., provide for a thoroughly modern structure, to cost \$250,000.

Kaestner & Hecht Company, manufacturers of elevators and carrying apparatus, will add to their large plant at Jefferson and Desplaines Sts. by construction of seven-story and basement mill construction building. Cost, about \$45,000.

Keeley Brewing Co. will erect storehouse and depot at Erie Ave. and Ninety-third St. Plans for the building are being prepared by Louis Mehle. Cost, about \$30,000.

George B. Robbins, President of Armour car lines, will erect \$45,000 residence at Drexel Boulevard and Forty-eighth St. Plans by H. R. Wilson & Co., 218 La Salle St. There will be a garage in the rear costing from \$10,000 to \$12,000.

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FREEPORT.—Board of Education is considering erection of school in West Freeport.

* **MOBILE.**—Swedish Methodist Church is considering modified plans by Architect Henry Eckland, Kewanee, for erection of edifice.

PEORIA.—Y. M. C. A. will erect \$100,000 building at Sixth and Franklin Sts. E. F. Huelse, Chicago, Architects.

QUINCY.—Plans and specifications are being drawn for church building soon to be erected by congregation of St. Rose Catholic Church, to be located at corner of Eighth and Chestnut Sts. George Behrensmeyer, 530 N. Main St., Architect.

INDIANA

ALEXANDRIA.—Fowler Manufacturing Co. is planning to erect factory.

EVANSVILLE.—Sanitary Pottery Co. is planning to erect \$200,000 addition to plant.

EVANSVILLE.—Plans for store of the Hughes Dry Goods Company have been completed by F. Manson Gilbert and Frank Ingle.

EVANSVILLE.—Connelton Sewer Pipe Co., Connelton, is planning to erect factory in this city.

EVANSVILLE.—Bids will be received until 10 a. m. July 28 for erection of school building on Henderson Road, Union Township. R. L. Harwood, Trustee; Clifford Shopbell & Co., 707 Furniture Bldg., Architects.

FORT WAYNE.—H. M. Kelly, Harmon House, is planning to erect four-story hotel at Harrison and Baker Sts.

INDIANAPOLIS.—Plans are being prepared for a church for congregation of Our Lady of Lourdes Church, to be erected at Hawthorne Lane and Washington St., in Irvington; work on edifice will begin soon.

JEFFERSONVILLE.—St. Luke's Reformed Church, Market and Pearl Sts., will erect edifice at Maple and Walnut Sts. John Gienger, Chairman Site Committee.

MONROE CITY.—Methodist congregation will erect edifice.

NEW ALBANY.—Floyd County Democratic Club, John Cody, Chairman, is considering erection of home.

VINCENNES.—Plans have been completed by F. Manson Gilbert, Evansville, for erection of residence for Chas. Moenkhaus.

WASHINGTON.—Bids will be received until 2:30 July 26 by the M. J. Carnahan Co., for the remodeling of and additions to the Carnahan & Trueblood Bldg., at corner of Main and Third Sts., according to plans and specifications prepared by Milton C. Pritchett, Architect, Bedford.

WASHINGTON.—Local lodge of Elks is planning to erect home on E. Main St.

WINCHESTER.—Library Association is planning to erect building. Mrs. John R. Engle, President.

IOWA

DECORAH.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until 3 p. m. Aug. 10, for the construction, complete, of proposed post office.

SIoux CITY.—Sioux City Brick & Tile Co. will erect warehouse between Cook and Center Sts.

KANSAS

LAWRENCE.—Plans have been approved by State Architect for erection of addition to Pinckney School.

KENTUCKY

LEXINGTON.—Blue Grass Traction Co. is having plans prepared for erection of terminal station at Nicholasville.

PARIS.—Bourbon County School Board has decided to erect school at Centerville.

SOMERSET.—Baptist Church will erect \$25,000 edifice. Architect R. H. Hunt, News Bldg., Chattanooga, Tenn., has completed plans.

WHITESBURG.—Architect J. H. Gibson, city, has prepared plans for erection of \$15,000 school for County Board of Education.

LOUISIANA

BATON ROUGE.—East Baton Rouge Parish Police Jury is considering \$200,000 bond issue for erection of jail and court house.

DENHAM SPRINGS.—Police Jury has allowed \$10,000 in budget for public schools this year.

FRANKLINTON.—Washington Parish School Board has decided to erect \$12,000 school.

HAMMOND.—Election on bonds for erection of school is being considered.

JENA.—Presbyterian Church is considering erection of edifice. Rev. C. L. Nourse, Synod of Louisiana, is interested.

MANSFIELD.—Baptist Church is considering erection of \$15,000 edifice.

VIDALIA.—Parish School Board has decided to erect \$15,000 school.

MARYLAND

BALTIMORE.—Bids for erection of the addition to the United States Fidelity and Guarantee Co. will be received by Architect Otto G. Simonson until July 25. Cost, about \$250,000.

The Veteran Corps Fifth Regiment Infantry, Maryland National Guard, will build \$13,775 one-story brick drill hall and armory in rear of 1112 Madison Ave.

BALTIMORE.—Plans for Polytechnic Institute have been finished by Baldwin & Pennington, Architects, Professional Bldg., and part of them have been submitted to Building Inspector Preston, who will submit them to contractors within next few weeks for estimates. Contract will be awarded this Summer.

J. A. Kaufman will erect \$6,000 house on Liberty Heights Ave. H. C. Aiken, 213 N. Calvert St., Architect.

Henry Worthington will erect \$5,000 residence at corner of Hawthorn and Carsdale Aves., Forest Park. H. C. Aiken, Architect.

James E. Mason is having plans drawn by Wyatt & Nolting, Keyser Bldg., for 2½-story frame residence to be erected at Roland Park.

BALTIMORE.—Ellicott & Emmart, Architects, Union Trust Bldg., will draw plans for several new buildings to be erected in connection with the Maryland Asylum and Training School for Feeble Minded, at Owings Mills. Improvements will cost about \$150,000. Dr. F. W. Keating will have charge of improvements.

Stanislaus Russell, Architect, has finished plans for two two-story brick dwellings to be erected on Windsor Ave. at cost of about \$5,000, for John J. Carlin.

BALTIMORE.—Architect Henry J. Tinley has prepared plans for erection of seven two-story houses for A. W. Burdette on corner of North and Slingluff Aves. Cost, \$15,000. Architect Tinley has also drawn plans for two-and-a-half-story frame cottage to be built on Tenth St. for William T. Schindler.

Architect Walter M. Gieske, Equitable Bldg., is completing revised plans for \$7,000 cottage of R. H. Lyon to be erected on Roslyn Ave.

WESTERNPORT.—Bids will be received until noon, July 25, for erection of school. G. F. Sansbury, Citizens' Bank Bldg., Cumberland, Architect; A. C. Willison, Secretary Board of Education.

MASSACHUSETTS

BOSTON.—Brainerd & Leeds, 89 Franklin St., have been selected as architects of building to be erected in Prescott District, Charlestown, to contain a boiler plant for the use of schools in this district.

FALL RIVER.—Agent Plummer of Board of Overseers of the Poor is preparing to call for plans and specifications for \$10,000 addition to be erected to City Hospital.

Shepley, Rutan & Coolidge, 122 Ames Bldg., Boston, Architects, have prepared plans for the new First Congregational Church and parish house at Rock and Cherry Sts.

MICHIGAN

GRAND RAPIDS.—Site at Hall St. and Grandville Ave. will be purchased for erection of engine house.

GRAND RAPIDS.—Division St. M. E. Church has purchased site on Fulton St. for erection of edifice. Plans are being prepared.

HOUGHTON.—St. Ignatius Parish has decided to erect \$30,000 school at Ripley and Albion Sts. Rev. A. J. Rezek, Pastor.

LANSING.—Bids will be received by Col. Jas. N. Cox, Michigan National Guard, until July 27, for erection of two armory buildings.

NILES.—Bids will be received until noon, July 26, for erection of high school. J. D. Chubb, 112 Clark St., Chicago, Ill., Architect; J. D. Greenamyre, Secretary Board of Education.

PONTIAC.—W. J. Fisher, Beaudett Bldg., will prepare plans for two ten-room schools; cost, \$80,000.

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MINNESOTA

AITKIN.—Plans for Aitkin Carnegie library building have been received from Architects Claude & Starck, Madison, Wis. DULUTH.—Kelly & Lignell, Lonsdale Bldg., have prepared plans for residence to be erected for Andrew Nelson on Third St.

F. L. Young & Co., Palladia Bldg., are preparing plans for a residence to be erected for A. C. Volk at New Duluth.

FERGUS FALLS.—Local Elks are having plans prepared for erection of home.

GRAND MARAIS.—Cook County Board of Commissioners will soon let the contract for the construction of the new court house, plans for which have been prepared by Kelly & Lignell, Lonsdale Bldg., Duluth. Cost, about \$55,000.

MINNEAPOLIS.—Waterbury Implement Co. is planning to erect \$35,000 warehouse at University and Hampton Aves., Midway.

Six-story family hotel, cost \$70,000, is being planned by W. A. Fisher, Proprietor of Hotel Waverly, at Eleventh St. and Harmon Place. Architects have already drawn the plans, but work will not start for some time.

MOOSE LAKE.—School Board is considering erection of school. F. D. Orff, Minneapolis, Architect.

ST. PAUL.—Friedman Bros. will erect business block at Sixth St. and Smith Ave.

MISSISSIPPI

LAUREL.—Architect R. H. Hunt, News Bldg., Chattanooga, Tenn., has prepared plans for erection of \$35,000 edifice for Methodist Church.

MARKS.—Plans will be received by Quitman County Supervisors, Belev, until Aug. 1, for erection of court house and jail.

MISSOURI

BETRAND.—Architects Matthews & Clarke, Missouri Trust Bldg., St. Louis, have completed plans for erection of \$15,000 bank and lodge hall for Bank of Betrand. G. A. Russell, Cashier.

CALEDONIA.—M. E. Church will erect edifice. S. McSpaden, Chairman Building Committee; Matthews & Clarke, Missouri Trust Bldg., St. Louis, Architects.

FULTON.—Christian Church will have plans prepared at once for erection of \$40,000 edifice.

KANSAS CITY.—Police Commissioner Thos. R. Marks has recommended erection of large general police station.

SEDALIA.—Board of Managers of the Industrial Home for Negro Girls has decided to erect proposed \$25,000 institution in this city.

ST. LOUIS.—Architect W. B. Ittner, Ninth and Locust Sts., has about prepared plans for erection of proposed \$250,000 high school at St. Louis St. and Kingshighway.

MONTANA

CUT BANK.—Citizens have voted to erect \$20,000 school.

MISSOULA.—School District has decided to erect \$10,000 addition to Prescott School. S. J. Coffee, Chairman.

NEVADA

RENO.—Amity Lodge, K. of P., will erect five-story \$100,000 home at corner of Second and Lake Sts.

NEW HAMPSHIRE

MANCHESTER.—City will erect \$17,000 school building.

NASHUA.—George Markarian will at once erect brick building at Factory St. and Washington Ave.

NEW JERSEY

ASBURY PARK.—Friends' General Conference is considering erection of \$150,000 auditorium in North Asbury. J. W. Hutchinson, Hempstead, L. I., New York, and Mayor T. Frank Appleby, are interested.

BAYONNE.—G. M. Seglin, 13 E. 108th St., New York City, will erect three four-family flats on E. Fifty-first St., at cost of \$16,500.

ELIZABETH.—Plans have been prepared by Oakley & Son, 1201 E. Broad St., for C. & W. Gilbert, for large apartment house to be erected on corner of W. Grand and Union Sts.

ELIZABETH.—Oakley & Sons, 1201 E. Broad St., have prepared plans for erection of residence on Westfield Ave. for N. W. Foulks.

HARRISON.—City will issue \$60,000 bonds, July 27, for erection of addition to School No. 1, on Washington St. Jas. A. Brophy, Secretary Board of Education.

HOBOKEN.—Council has passed on third reading ordinance carrying \$250,000 for erection of high school.

JERSEY CITY.—Plans have been completed by Architect George A. Flagg, Jersey City Trust Bldg., for erection of a nine-family apartment building, cost \$12,000, corner of St. Paul's and Oakland Ave., for Thomas J. Feeney, of 39 Jefferson St.

JERSEY CITY.—Architect Robert Morrison has prepared plans for erection of \$21,000 engine house at Bergen and Van Nostrand Aves.

Plans have been completed by Architect Louis A. Meyer for erection of two double flats and one single flat at 165 to 169 Hancock Ave. for Isidor Kolar, 87 Hancock Ave. Cost, \$32,000.

MORRISTOWN.—Relief Engine Co. is planning to erect engine house. Chas. Laesele, Chairman Building Committee.

NEWARK.—Hyman Rosensohn, 745 Broad St., has plans completed for \$15,000 four-story brick store and tenement building to be erected at corner of Ferry St. and Manufacturer's Place.

NORTH BERGEN.—Architect Frederick Hensel, of 246 Summit Ave., West Hoboken, has been selected by Board of Education to prepare plans for erection of two new schools, one to be erected in this town at a cost of \$40,000, and the other in New Durham, to cost, \$50,000.

PERTH AMBOY.—Plans for building to be constructed entirely of terra cotta and wood are being drawn by Architect J. K. Jensen for Harold C. Hendricksen and Marthinus Laursen, at New Brunswick Ave. and Jefferson St.

PERTH AMBOY.—Architect Benjamin Goldberger, Scheuer Bldg., has prepared plans for erection of number of buildings, including parochial school, for Church of Our Lady, Help of Christians, Tottenville.

Architect J. K. Jensen is preparing plans for several three-story structures.

TRENTON.—Specifications for remodeling female wing of the State Prison have been presented to Prison Board. Geo. Pool, State Architect.

UNION HILL.—Board of Education has decided to purchase site on Hudson Ave. for erection of school.

WEST HOBOKEN.—From plans by Architect Max J. Beyer, 81 River St., Hoboken, three store and apartment buildings will be erected on corner of Paterson Ave. and Spring St. for Counselors Weller & Lichtenstein, of Hudson Trust Company Building, Hoboken. Cost, \$50,000.

WOODBINE.—Stearns & Caster, Girard Bldg., Philadelphia, are preparing plans for a number of buildings for Baron De Hirsh Fund. Buildings to be erected consist of fifteen cottages, college building and power plant.

NEW YORK

ALBANY.—Bids will be readvertised for erection of school house at Elsmere.

ALBANY.—Plans have been prepared by Architect J. Foster Warner, Rochester, for alterations, to cost \$300,000, at court house.

BROOKLYN.—Department of Public Charities, New York City, has purchased site for erection of \$40,000 emergency hospital.

BUFFALO.—Robert A. Wallace, Builders' Exchange, will prepare plans for erection of Hutchinson High School.

CANANDAIGUA.—Maternity hospital will be erected by Dr. Frank A. Brockmyre, on Chapin St., in this village.

LAKE GEORGE.—C. S. Sims, General Manager of the Delaware & Hudson R. R., is interested in rebuilding of Fort William Henry Hotel, at cost of \$200,000.

ELMIRA.—New bids will be received until 8 p. m. July 21 for rebuilding city hall.

NEW YORK.—McSweeney Realty Co., 1493 Broadway, will erect six-story \$50,000 brick warehouse at 161 Perry St. L. C. Maurer, same address, architect.

Terminal Stores Co., 17 S. William St., will erect nine-story \$30,000 brick warehouse on Twenty-seventh St. O. M. Beck, 21 E. Eighty-ninth St., Architect.

Estate of Jas. J. Belden, Forty-second St. and Madison Ave., will erect \$25,000 boiler house on Forty-third St. H. J. Hardenberg, 47 W. Thirty-fourth St., Architect.

Congregation Ponous Elisah, 792 Amsterdam Ave., will erect two-story, \$25,000 synagogue at Ninety-fifth St. and Columbus Ave. Moore & Landsiedel, 148th St. and Third Ave., Architects.

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NEW YORK.—Peter Duffy will erect three-story brick factory at 142d St. and Fifth Ave. Cost, \$12,000. James & Leo, 124 W. Forty-fifth St., Architects.

City Real Estate Co., 176 Broadway, will erect three and two-story bakery, cost \$85,000, on Park Ave.; also \$18,000 garage. H. C. Sweeney, 44 Court St., Brooklyn, Architect.

Thos. H. Thorn, 36 W. Kingsbridge Road, will erect \$7,500 dwelling on Grand Ave. Serviss & Glenn, same address, Architects.

German Evangelical Mission Church will erect edifice at corner of Chisholm St. and Stebbins Ave.

United States Trust Co., as trustee, will erect six-story \$50,000 brick and stone store and showroom building at 433 Fifth Ave. F. G. Stewart, 103 Park Ave., Architects.

Bloomington Bros. will expend \$100,000 during next two months in alterations to their Fifty-ninth St. store.

NEW YORK.—C. Rieger, 59 Nicholas Place, will erect \$25,000 dwelling on Riverside Drive. Chappell & Bosworth, 258 Broadway, Architects.

Cushman Bread Co., 32 Lawrence St., will erect \$30,000 store and office building on Manhattan Ave. J. J. Smith, 46 Lawrence St., Architect.

NEW YORK.—St. Malachy's R. C. Church will erect \$45,000 brick church at 239 W. Forty-ninth St. T. J. Duff, 407 W. Fourteenth St., Architect.

Melville Realty Co., 434 Fifth Ave., will erect ten-story brick office and store building, cost \$200,000, on Forty-ninth St. H. C. Severance, 21 W. Forty-fifth St., Architect.

J. J. O'Reilly, 2654 Eighth Ave., will erect six-story \$43,000 brick apartment house at Eighth Ave. and 141st St. W. Mortensen, 401 W. Twenty-fourth St., Architect.

Geo. Simpson, 844 Gerard Ave., will erect two three-story brick stores and dwellings, cost \$14,000, on 161st St. E. J. Byrne, 3029 Third Ave., Architect.

Consolidated Gas Co., 4 Irving Place, will erect \$8,000 frame office on 132d St. W. Cullen Norris, 111 Woolsey St., Architect.

NIAGARA FALLS.—Niagara Lead & Battery Co. is planning large additions, cost \$300,000, to Elizabeth St. plant.

ONEIDA.—Oneida Savings Bank will at once expend \$20,000 in improvements.

ONEONTA.—Oneonta Promotion Co. is interested in proposed erection of three-story building at Chestnut St. and Fonda Ave. Orlo Epps, Architect.

OSWEGO.—Plans have been prepared by Architect Charles E. Colton, Kirk Bldg., Syracuse, for three-story business block to be erected at No. 197 First North St. for J. M. MacPherson.

POUGHKEEPSIE.—Zion A. M. E. Church is planning to erect edifice on corner of Smith and Cottage Sts.

RENSSELAER.—Tentative rules and regulations have been adopted by Prison Commission for governing architects in submitting plans and specifications for county building. Plans must provide for sheriff's house of ten rooms, besides office quarters. Jail proper must provide for accommodation of at least 100 prisoners, and be three stories high and perfectly fireproof.

ROCHESTER.—American Piano Co. will erect building at East Rochester in near future.

ROCHESTER.—Empire State General Vehicle Co. will erect assembling plant at Circle and North Goodman Sts. R. M. Searle, President.

SARATOGA SPRINGS.—Board of Education is having plans prepared for erection of school.

SKANEATELES.—The Church of St. Marys-of-the-Lake, at Skaneateles, is to be remodeled, and plans are being prepared by Architects Russell & King, Snow Block, Syracuse.

SYRACUSE.—Burton C. McCormick has had plans prepared for \$8,000 two-family dwelling to be erected at corner of Euclid and Lancaster Aves.

SYRACUSE.—Architects Taber & Baxter, O. C. S. Bank Bldg., have prepared plans for Colonial house which L. L. Hurwitz plans to build in Irving Ave.

SYRACUSE.—C. G. Brown Furniture Co. has had plans prepared by Architects Russell & King, Snow Block, for fireproof storage warehouse and stable, to be erected in Dickinson St.

TROY.—Board of Estimate is considering \$325,000 bond issue for Central high school.

WATERTOWN.—The Jefferson County Board of Supervisors has selected Natural Bridge as site for county tuberculosis hospital.

NORTH CAROLINA

MORVEN.—Methodist Church will have plans prepared by L. H. Asbury, Charlotte, for \$10,000 edifice.

WADESBORO.—Architect L. H. Asbury, Charlotte, has prepared plans for erection of \$10,000 Methodist church at Morven.

WILMINGTON.—J. F. Leitner is preparing plans for erection of \$35,000 residence for T. M. Emerson.

NORTH DAKOTA

STANLEY.—R. E. Jones is planning erection of brick business block.

OHIO

AKRON.—Residents of Tallmadge Township will vote on \$15,000 bonds for erection of school.

BARTLESVILLE.—Pioneer Telephone Co. will erect \$50,000 exchange building on Dewey Ave. this summer.

BELLBROOK.—Bids will be received until noon, Aug. 6, for addition to and reconstruction of school building. Peters, Herman & Brown, 1129 Reibold Bldg., Dayton, Architects. J. S. Turner, Clerk Board of Education.

CALEDONIA.—Architects Howard & Merriam, Capitol Trust Bldg., Columbus, are working on the plans and specifications for erection of new school building.

CINCINNATI.—Appropriation ordinance passed by Council carries \$75,000 for erection of proposed Second District Police Station and Patrol House.

CINCINNATI.—Fred Muhlhauser has had plans made by S. E. Des Jardins, Fourth National Bank Bldg., for garage on Marion Ave.

J. S. Rodgers is preparing plans for St. Louis flat building to be built in Clifton St., at cost of \$8,800.

CINCINNATI.—Site at corner of Reading Road and Mann Place has been selected for erection of proposed Avondale Carnegie Library.

CLEVELAND.—Metals Welding Co. will erect \$15,000 factory building on Perkins Ave.

Electric Depot Co. will erect office building and freight house on E. Ninth St.

COLUMBUS.—Y. W. C. A. is planning erection of \$30,000 building.

COLUMBUS.—Bids for the erection of school building on the Olentangy Road, from plans by W. T. Mills, McCune Bldg., were too high, and Board of Trustees have rejected them.

Architect F. L. Packard, Hayden Bldg., has been engaged to draw plans for three passenger stations to be located along the southwest system of the Pennsylvania R. R.

DAYTON.—Bids will be received by J. M. Fauver, Clerk Board of Education, Van Buren Township, until noon, Aug. 1, for erection of school building. Albert Pretzinger, Reibold Bldg., Architect.

GROVEPORT.—Bids will be received by the Board of Education until noon, July 28, for enlarging and repairing Groveport school building and installing a heating and ventilating plant. Frank L. Packard, Architect, Columbus; Morris Kile, Clerk.

MARYSVILLE.—Bids will be received until noon, Aug. 1, for erection of armory. C. I. Williams, Dayton, Architect; B. L. Barger, Columbus, Secretary Ohio State Armory Board.

OXFORD.—Board of Education has sold \$20,000 bonds for erection of addition to school.

OKLAHOMA

GRACEMONT.—Bids will be opened July 25 for erection of \$10,000 school. Oklahoma Engineering Co., Anadarko, Architects.

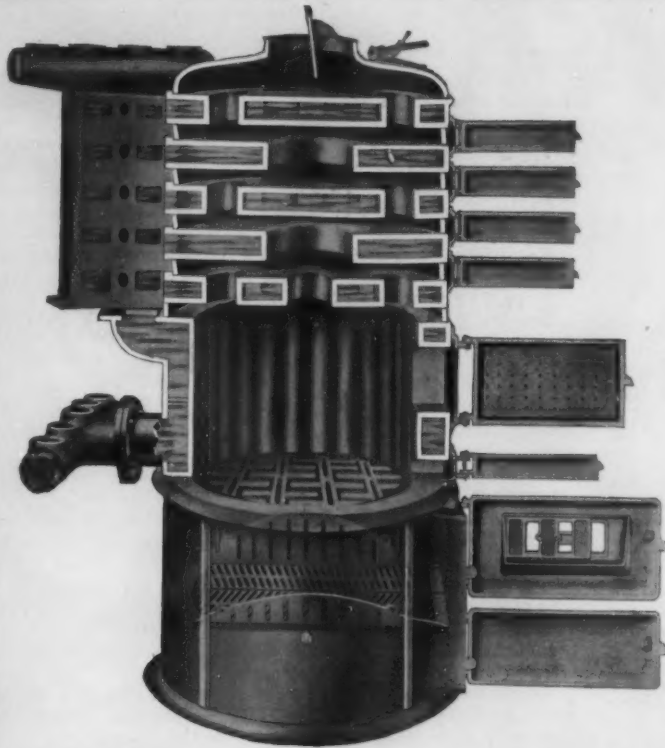
OKLAHOMA CITY.—Plans have been accepted and bids will be asked for erection of proposed Walnut St. fire station.

OREGON

PORTLAND.—Tobey & Lewthwaite are preparing plans for two-story building to be erected on Glenn Ave. and Hawthorne for Mrs. W. P. Jones.

PORTLAND.—Architect R. N. Hockenberry has prepared the plans for a home to be built at corner of Lovejoy St. and Barker Ave.

RIVERSIDE.—Architect R. N. Hockenberry has prepared the plans for two-story \$8,000 Colonial style residence to be built at Ewabee Station for E. W. Matthews, of the Churchill-Matthews Co., Inc.



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PENNSYLVANIA

ALLENTOWN.—Trustees have decided to rebuild Good Shepherd Home. Cost, \$5,000.

BEAVER FALLS.—Revised plans by Carlisle & Sharrer have been accepted for erection of proposed school. Bids will be received at once.

BUTLER.—Bids will be received until 8 p. m. July 25 for erection of brick and stone school at Newcastle St. and Fifth Ave. W. G. Eckles, Newcastle, Architect; E. S. Critchlow, Chairman Building Committee.

CRESSON.—Bids will be received until 4 p. m. Aug. 1 for erection of buildings for State Sanatorium for Tuberculosis. S. G. Dixon, Harrisburg, Commissioner of Health.

ERIE.—Calvary Baptist Church is considering erection of parish house.

ERIE.—Buffalo & Lake Erie Traction Co. will erect \$18,000 brick car barn on State St.

PHILADELPHIA.—Architects Savery, Scheetz & Savery, Girard Bldg., are preparing plans for residence on Bentley Road, Cynwyd, for Henry Waters.

PHILADELPHIA.—Solomon Hopkins, I. Milgram and J. W. Gardiner will erect theater at Passyunk Ave., Morris and Twelfth Sts., from plans being drawn by John D. Allen Co., Betz Bldg.

PHILADELPHIA.—The congregation Adath Jeshurun has commissioned Charles W. Bolton & Son, Witherspoon Bldg., to design \$70,000 synagogue to be erected at 2109 North Broad St.

E. A. Wilson, Land Title Bldg., is planning two-story storehouse to be built for George H. Backmire, at Eleventh St. and Erie Ave.

PHILADELPHIA.—Architect Herbert C. Wise is designing a three-story residence at Navahoe St. and Lincoln Drive, Chestnut Hill, for W. Adams, Jr.

Fern Rock M. E. congregation is having plans prepared for addition to its church at Park Ave. and Nedro St.

PHILADELPHIA.—Carmelite Convent, of Philadelphia, Forty-fourth and Spruce Sts., will in future erect additional buildings at Old York Road and Sixty-sixth Ave. Present mansion will at once be remodeled into convent.

PITTSBURG.—Ernest F. Rush will erect three-story \$100,000 brick warehouse on Sidney St.

READING.—G. J. Raab and Jas. Taylor are planning to erect hotel at Tenth and Chestnut Sts.

READING.—Plans are being prepared for erection of addition to Reading Hospital.

SCRANTON.—Local lodge of Elks will erect ten-story, \$150,000 building on Washington Ave.

SHAMOKIN.—Central Pennsylvania Orphanage Association will erect \$10,000 school building at orphanage.

SHARON.—Sharon Lodge, K. of P., is considering erection of Pythian Castle.

WAYNESBORO.—J. W. Woltz has been engaged as the architect to prepare preliminary plans for erection of \$50,000 high school at Potomac and Snider Aves.

WILKINSBURG.—Architect F. E. Scheibler, 700 Wood St., has prepared plans for immediate erection of \$12,000 stone residence at Briarcliff Road and Forbes St. for W. E. Hammet.

RHODE ISLAND

EXETER.—Bids will be received until noon, July 27, for erection of building for Rhode Island School for Feeble-Minded. W. E. Ranger, Secretary State Board of Education.

PROVIDENCE.—Council has appropriated \$12,000 for erection of public bath house in Franklin Park.

SOUTH CAROLINA

CHESNEE.—Chesnee Mills Co. will erect mill in this town. W. E. Burnett, Spartanburg, President.

SOUTH DAKOTA

CHARLESTON.—Messrs. A. and Jos. Shahid will erect three-story store building at 239 King St.

TENNESSEE

CHATTANOOGA.—Miller Store Co. will erect ten-story \$200,000 addition to building at Gay St. and Union Ave.

JOHNSON CITY.—Board of Education will erect high school in near future on E. Main St.

KNOXVILLE.—Plans for the Holston National Bank's proposed \$350,000 office building have been completed; will soon be offered to contractors for bids, and work will begin by Feb. 1. Jas. P. Gaut, President.

KNOXVILLE.—Plans are about completed by R. F. Graf for erection of Knox County building at Appalachian Exposition.

KNOXVILLE.—The Standard Knitting Mills has purchased site and will spend about \$200,000 in erecting buildings and equipping new factories.

Tennessee Mantel Manufacturing Co. will move to Oakwood, where buildings and equipment will be constructed at cost of about \$20,000.

NASHVILLE.—Masonic Grand Lodge will erect \$25,000 auditorium in this city. R. H. Hunt, Architect, News Bldg., Chattanooga, has completed plans.

University of Nashville will erect six-story hospital on Peabody College grounds. \$100,000 will be expended.

TEXAS

DALLAS.—Sanguinet & Staats, F. & M. Bank Bldg., Fort Worth, Architects, are preparing plans for erection of twelve-story building on Elm St.

EL PASO.—E. B. Welch & Co. will at once rebuild building on Stanton St. destroyed by fire.

FALFURRIAS.—Plans by Alfred Giles, San Antonio, have been selected for erection of proposed \$25,000 school. Bids for construction will be asked at once.

MARSHALL.—Waller, Shaw & Field, Fort Worth, and C. G. Lancaster, city, have prepared plans for erection of \$45,000 high school.

MARSHALL.—Marshall Lodge No. 22, A. F. & A. M., is considering erection of building.

SANDERSON.—Bids will be received until noon, July 26, for erection of two-story school. H. T. Phelps, San Antonio, Architect; T. R. Kuykendall, Secretary School Board.

TERRELL.—First Methodist Church is considering enlargement of Wesley College.

TEXARKANA.—Bids will be received until noon, July 25, for addition and remodeling St. James' Episcopal Church. Witt & Seibert, Architects.

UTAH

MANTI.—Plans by R. L. Watkins have been accepted for erection of proposed Carnegie Library.

SALT LAKE CITY.—W. N. Griffen is planning to erect three-story apartment house on First South St.

VIRGINIA

DANVILLE.—First Presbyterian Church will erect \$75,000 edifice. Architect R. H. Hunt, News Bldg., Chattanooga, Tenn., has completed plans.

LYNCHBURG.—Plans for parish house for St. Paul's Protestant Episcopal Church have been completed. Cost, about \$25,000. Lewis & Burnham, Architects.

WASHINGTON

WALLA WALLA.—First Congregational Church has decided to erect \$75,000 edifice.

WEST VIRGINIA

BLUEFIELD.—Bluefield Aerie No. 875, Fraternal Order of Eagles, is considering erection of lodge building.

CLARKSBURG.—Local Masons have decided to erect \$80,000 temple within year.

HUNTINGTON.—Board of Education has adopted plans by Smith Bros., Architects, for erection of school on Nineteenth St. J. S. Shafer, Chairman.

WISCONSIN

KENOSHA.—Plans by Jos. Lindl have been selected for erection of proposed \$50,000 city hall at corner of Market Square and Chicago St.

SPRING VALLEY.—Town will erect \$5,000 municipal theater at once.

SUPERIOR.—Ole Siverson is preparing to erect two-story brick building at Tower Ave. and Fifth St.

MEXICO

MEXICO CITY.—Department of Public Instruction proposes to erect new National University.



Swimming Pool, Y. M. C. A., Syracuse, N. Y.
Gaggin & Gaggin, Architects.

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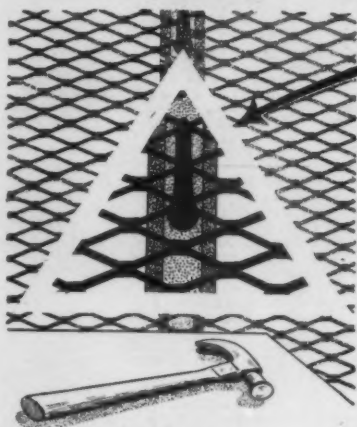
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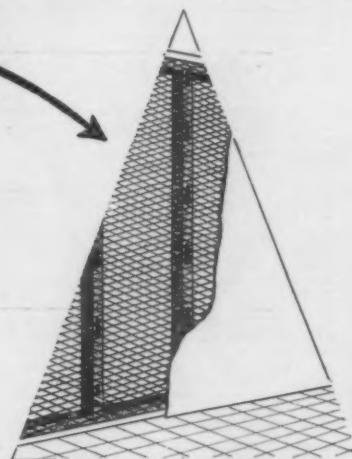
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WANTED—An Architectural Draughtsman competent to design and detail railroad station buildings under the supervision of a Chief Draughtsman. Apply in person or by letter to A. R. Raymer, Assistant Chief Engineer P. & L. E. R. R., Pittsburg, Pa. (1802-3-4)

WANTED—An architectural draughtsman, capable of taking charge of an office. Address Theo. M. Sanders, Little Rock, Ark. (1804)

PROPOSALS

NOTICE TO CONTRACTORS

Sealed proposals for work at Central Islip State Hospital, Kings Park State Hospital, and Manhattan State Hospital, as described below, will be received by the State Commission in Lunacy, Capitol, Albany, N. Y., until 3 o'clock p. m., Wednesday, the 27th day of July, 1910, when they will be opened and read publicly.

For Central Islip State Hospital, Central Islip, L. I., N. Y., kitchen and dining room building, conduits, steam mains, feeder cables and outside sewer and water connections for new group, additional boiler capacity, North Colony construction including heating, plumbing and electric work.

For Kings Park State Hospital, Kings Park, L. I., N. Y., kitchen and dining room building, conduits, steam mains, feeder cables, sewer and water connections for new groups, construction including heating, plumbing and electric work.

For Manhattan State Hospital, Ward's Island, New York City, kitchen building, steam mains and feeder cables for new cottages, construction including heating, plumbing and electric work.

Proposals shall be accompanied by certified checks as follows:

For work at Central Islip State Hospital, \$3,500.

For work at Kings Park State Hospital, \$4,000.

For work at Manhattan State Hospital, \$1,250.

Contractors to whom the awards are made will be required to furnish surety company bonds within 30 days after official notice of award of contract, in accordance with the specifications, in the following amounts:

For work at Central Islip State Hospital, \$35,000.

For work at Kings Park State Hospital, \$40,000.

For work at Manhattan State Hospital, \$12,500.

Drawings and specifications may be consulted and blank forms of proposals obtained at the institution for which the work is advertised; or for all the work at the office of the State Commission in Lunacy, 1 Madison ave., New York City, and at the office of the State Architect. Complete sets of plans and specifications for the work at each institution, or for all the work will be furnished to prospective bidders provided application for same is received before the 23d day of July by the State Architect, Franklin B. Ware, Albany, N. Y. T. E. McGARR, Secretary, State Commission in Lunacy (1803-4)

NOTICE TO CONTRACTORS.

Sealed proposals for construction, including heating, plumbing and electric conduit work for two new dormitory buildings, and additions and alterations to present buildings, at Letchworth Village, Thiells, N. Y., will be received by Mr. Franklin B. Kirkbride, Secretary of the Board of Managers, Letchworth Village, Room 215, No. 55 Wall Street, New York City, until 11 o'clock A. M., on the 28th day of July, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000, and the contractor to whom the award is made will be required to furnish Surety Company's bond in the sum of \$20,000, within thirty days after notice of award of contract and in accordance with the terms

of Specification No. 1364. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of Franklin B. Kirkbride, secretary of the Board of Managers, Letchworth Village, Room 215, No. 55 Wall St., New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y. (1803-4)

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Bids must be accompanied by certified check for 5% of the amount of the bid, payable to J. N. Rowe, Controller, as provided by the City Charter; and must be delivered at the Office of the Board of Directors, in the present Free Public Library of New Haven, Conn., on or before noon, July 28th, 1910, at which time they will be opened. SAMUEL R. AVIS, President.

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 11, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M. on the 22d day of August, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Carbondale, Pa., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Carbondale, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1804-5)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 7, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 15th day of August, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus and electric conduits and wiring), of the U. S. Post Office at Pontiac, Michigan, in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Pontiac, Mich., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1804-5)

299 BROADWAY, NEW YORK

July 12, 1910.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from Wednesday, July 13th, 1910, until 4 P. M. Wednesday, July 27th, 1910, for the position of Assistant Engineer, Bureau of Buildings, Manhattan. The examination will be held on Wednesday, August 24th, 1910, at 10 A. M. The subjects and weights of the examination are: Technical, 5; Experience, 3; Mathematics, 1; Report 1. 75% is required on the Technical and 70% on all.

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(1804)

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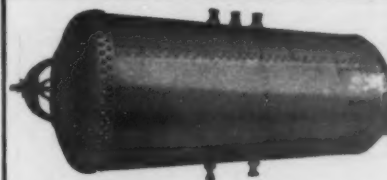
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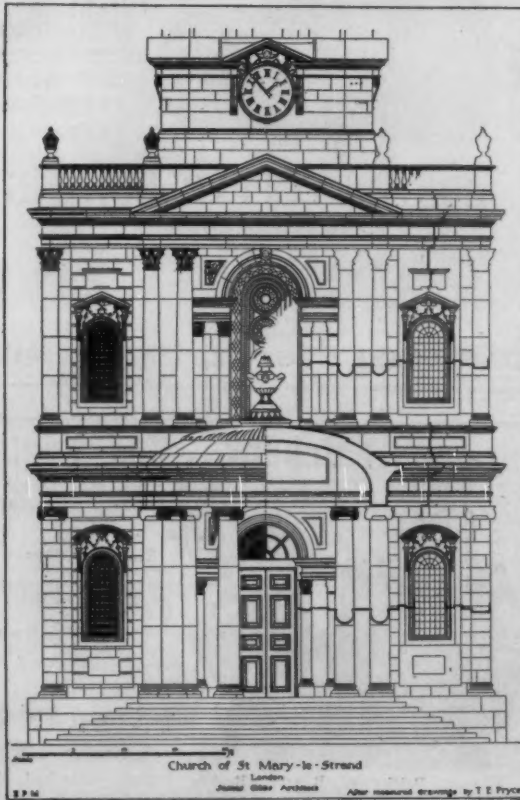
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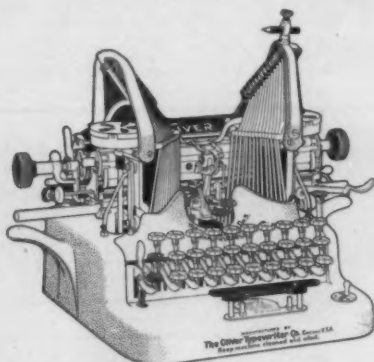
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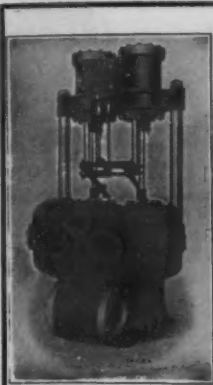
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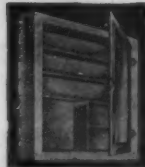
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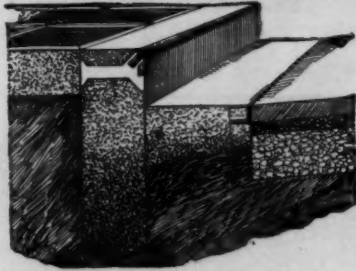
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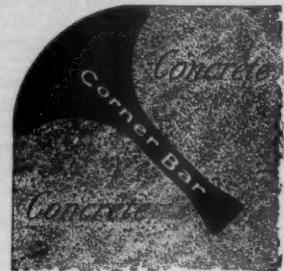
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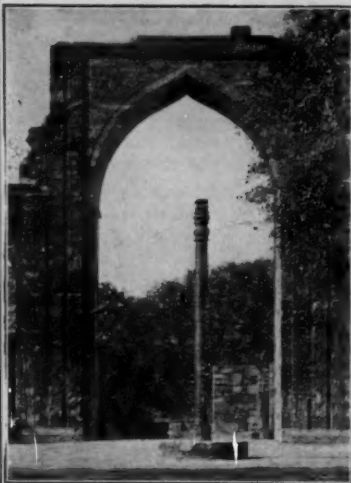
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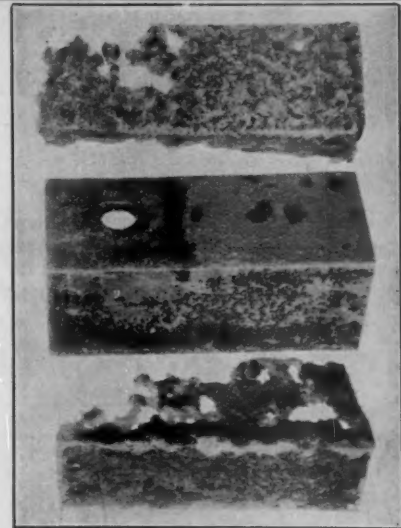
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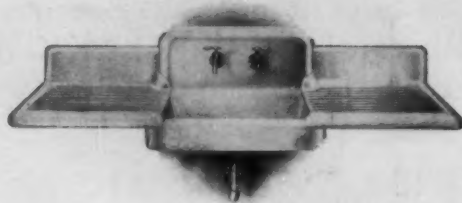
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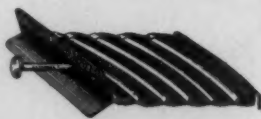
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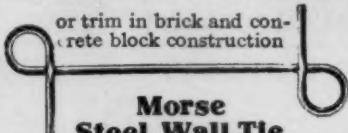
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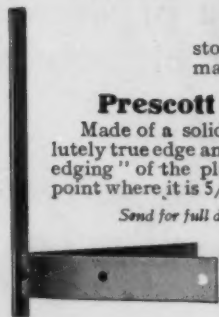
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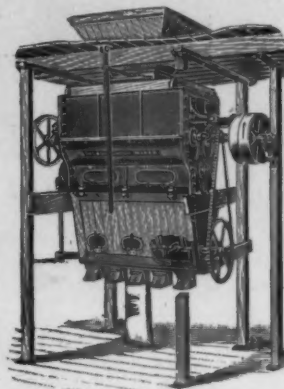
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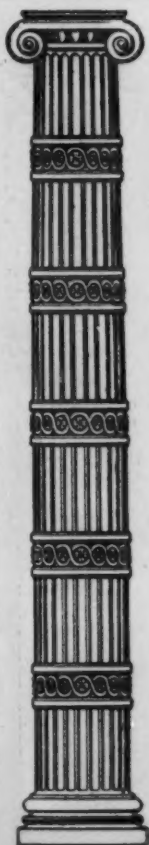
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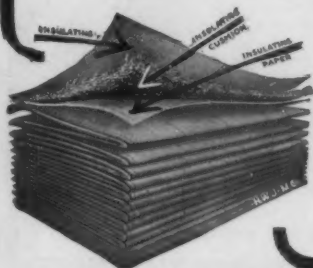
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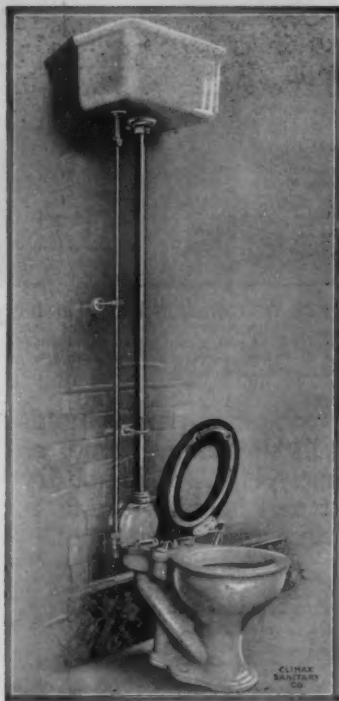
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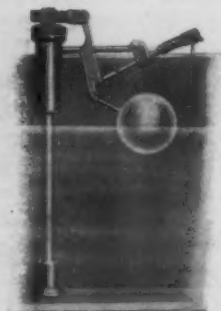
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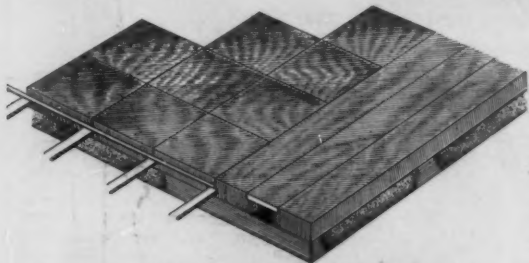
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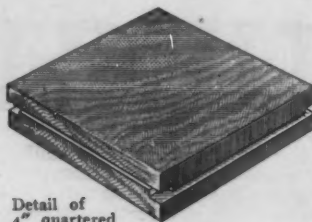
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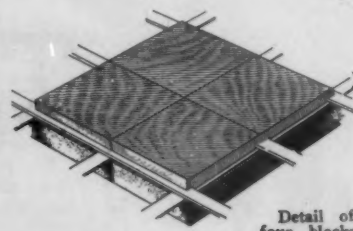
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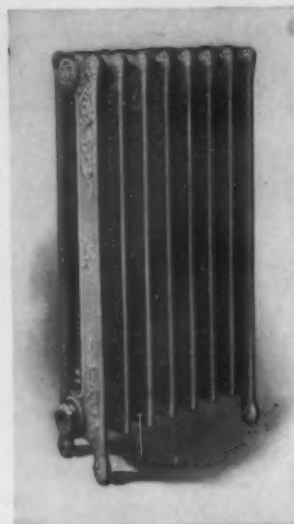
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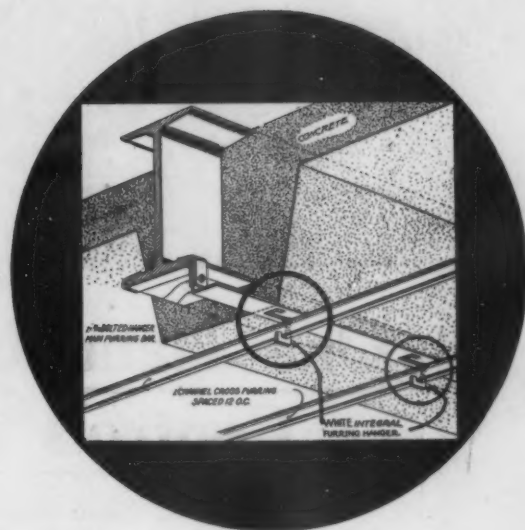
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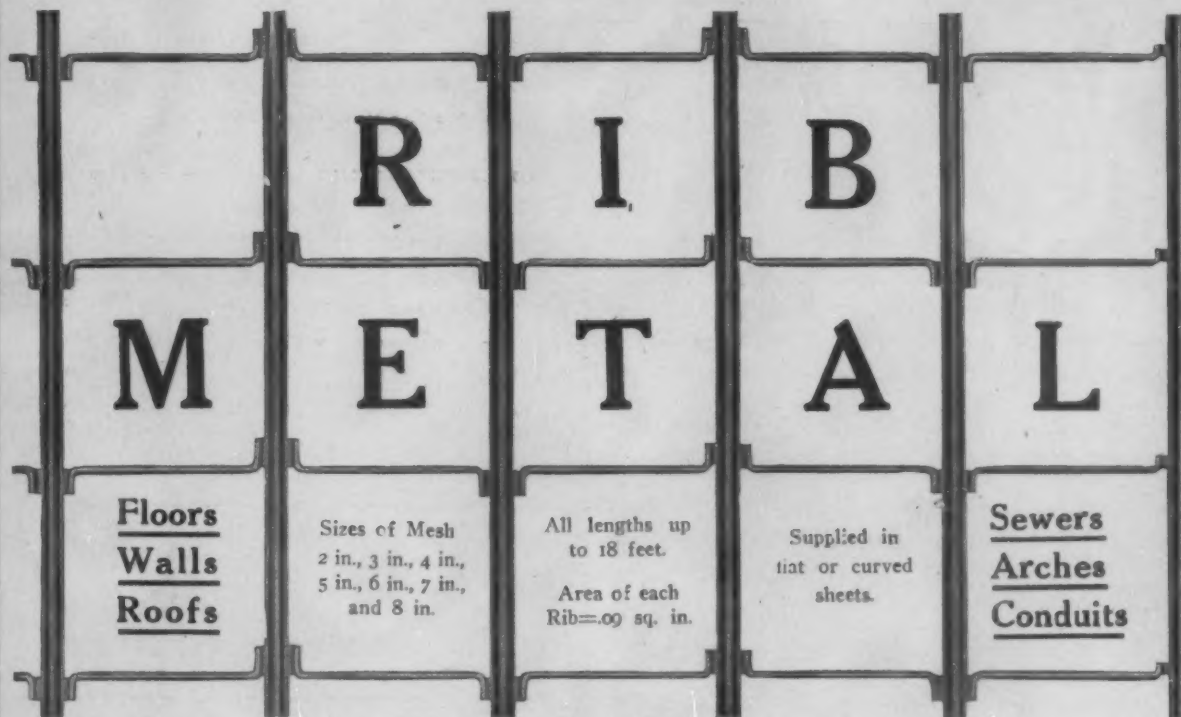
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Some Considerations in Building

The relation of the chief factors of a building operation is a subject upon which much of real educational value for the building public has been written by competent men. Architects in general look with too little interest on some of this work, believing that only the buildings they design can educate the laymen to want better architecture and the elimination of the "architect" but the fact remains that this semi-popular building literature has been quite as helpful and instructive to the profession as to those for whom it is written. The present-day architect is a busy man and has little time to reflect on many matters which are very essential to his professional progress. Such reflection has to be done for him by others, and generally by those who are in position to survey the field without getting lost in its side issues. It is, therefore, with some surprise and satisfaction that the excellent article by Mr. Quenelle, an English architect, on "Points to Bear in Mind in Building," is read in the current *International Studio Year Book*. Stress is laid on the importance of the architect's keeping posted on new methods of construction and on his striving for idiomatic treatment of the materials employed. He is cautioned not to lose sight of the tradition of his craft, but, at the same time, to steer clear of doubtful reproduction, on the one hand, and of eccentricity on the other. The question of cost is commended to his serious consideration; the simplest forms of building are urged and extras warned against. He is advised to build for his clients as though he were building for himself and had in mind, though it be the background, the desirability of producing a readily salable asset. The contractor comes in for his share of attention; he should be interested in the success of the house, the author thinks, and in sympathy with the architect's ideas, in short his friend. The use of machinery in building is considered an advantage in producing those straightaway parts which are to be supplemented by handicraft where special interest is desired.

The several points which Mr. Quenelle makes show a grasp of contemporary conditions of practice worthy of respect. The tone of the discussion is semi-popular but the matter presented is essential and could be addressed to the owner without material modification. It is full of information, critical of current practice by inference, a stimulus for a higher standard of artistic performance, more thorough business methods and the most approved methods of construction.

International Exhibition of Fine Arts, Santiago

The Chilean Government, wishing to celebrate the centenary of the independence of the Republic on September 18, 1910, has decided to open an International Exhibition of Fine Arts at Santiago. The exhibition will be held in the new Palace of Fine Arts, which will be inaugurated on the same date. The work connected with the preparatory organization and management of the exhibition is entrusted to the Council of Fine Arts, which is authorized to issue invitations on behalf of the Chilean Government to artists or artistic corporations of

various countries. Artists will be required to send in their works to the delegates before June 1. The Chilean Government will make purchases from the works exhibited upon the recommendation of the Council, with a view to their forming part of the National Gallery of Art, and for this purpose the sum of 100,000 francs has been granted, to which will be added the entrance fees to the exhibition and the festivals held in the grounds. The exhibition will close on December 31, 1910. Further information may be obtained from Don Enrique Cuevas, First Secretary to the Legation, 29 Queen's-Gate-Terrace, London, S. W.

The Art Commission's Scope Extended

In reply to a communication addressed by President Taft, to the Art Commission, enquiring whether it would pass on the merits of designs for buildings in other cities than Washington, President D. H. Burnham, of the Commission, has replied in the affirmative.

As at present authorized the Commission is empowered to pass on designs of public buildings and statues to be erected in the National Capital.

A Memorial to Grover Cleveland to Be Erected at Princeton University

At a recent meeting of the Cleveland Monument Association it was decided to approve the plan for a memorial tower to be built in connection with the new graduates' building to be erected on the Princeton University grounds.

It is estimated that this memorial tower will cost \$100,000, of which sum \$75,000 has been subscribed.

The memorial will probably be ready for dedication in 1911.

A Billion Dollars Spent During 1909 in Building Operations in the United States

Building operations in 128 cities of the United States during the calendar year 1909 represented expenditures of nearly a billion, or, to be exact, according to statistics compiled by the United States Geological Survey, \$930,520,713. This is an increase over 1908 of 10 per cent. A comparison of increases and decreases of the operations of 1909 with those of 1908 is held to be unreasonable, because, it is said, 1908 was not a normal year. However, Chicago, which led the increases in 1908, with a little more than \$8,000,000, was second in 1909, with an increase of more than \$28,000,000. New York, which was second in 1908 with an increase of a little more than \$4,000,000, led the list for 1909 with \$68,000,000. Brooklyn, which reported a decrease of more than \$25,000,000 in 1908, came third in the 1909 increases with a growth of \$18,402,061.

Of the cities that showed decreases in 1909, San Francisco had the largest, \$5,484,273, or 17.32 per cent., Dayton was next, with \$1,533,780, or 47.42 per cent., the largest proportional decrease, and Oakland was third, with \$1,002,051, or 15.85 per cent. The decreases in these cities may be ascribed to local causes.

BOOK NOTES

THE BUILDING TRADES HANDBOOK. A convenient manual of reference on Building Construction. Full cloth; size $3\frac{1}{4} \times 5\frac{1}{2}$; 372 pp.; price \$1.25. Scranton, Pa.; International Text-Book Co.

This work has been compiled with special reference to its use by persons connected with the building trades. In addition to the usual data supplied in a work of this kind there are included tables giving the properties of materials used in construction, practical rules for laying out work and much valuable reference data. Its compact size makes it a handy pocket volume, and we believe it will be found useful to those engaged in the building and allied trades.

A CONCISE TREATISE ON REINFORCED CONCRETE. By Charles F. Marsh. Full cloth, 225 pp., size $5\frac{1}{2} \times 8\frac{1}{2}$ inches. Price, \$2.50. New York: D. Van Nostrand Co.

The publicity given during the past few years to the subject of concrete has served to educate its users to an extent that writers on this topic do not need to set apart a large part of their space to a preliminary discussion, educating the reader to a better understanding of what is set down.

The author of this work sets out on his task by getting at once in touch with his subject, condensing his facts and presenting them in a terse style, that enables the reader to get at the "heart" of the subject in the easiest manner. Technical works of this description are a boon to the busy architect. It enables him to find the information he is in search of and affords in his library a book of ready reference that he is always glad to have close at hand.

Corrosion and Preservation of Iron and Steel. By A. S. Cushman, A. M. Ph. D., and H. A. Gardner. Full cloth, 395 pp, 6 x 9; illustrated. Price \$4.00. New York—McGraw-Hill Book Co.

This book, the joint authorship of two men eminently well qualified to present this subject, is one that can be read and studied with much profit.

Dr. Cushman, to whom must be given the credit for many of the most important discoveries in corrosion, treats authoritatively of this subject. He presents and defends the electrolytic theory, but his point of view is never controversial. To treat the matter in the broadest way, he has at some length assembled the investigations and arguments of those who do not accept his views. He thus presents a careful analysis of the problem, one so seriously considered by all classes of engineers.

Mr. Gardner confines himself in general to preservation. As the Director of the Scientific Section of the American Paint Manufacturers' Association, he has had at his command the best material, both on the chemistry and application of protective coatings. The relation of various pigments to corrosion, and the power of pigment mixtures to act as retarders and barriers, are taken up at length. This is all based on a great number of field and exposure tests conducted by the authors and their contemporaries. Methods of conducting these tests are also outlined and discussed. Furthermore, the construction of preservative coatings and

methods of application to structural work of all sorts are considered carefully, together with the general subject of painting metal.

INDUSTRIAL

High Efficiency Centrifugal Pumps

Catalogue "B," published by the De Laval Steam Turbine Co., whose works and main offices are at Trenton, N. J., explains at some length the De Laval High Efficiency Centrifugal Pumps, made by this company. It also includes remarks on the principles of design of such pumps and their selection for various services.

This catalogue may be had on application.

Hardware Specialties

The Pullman Mfg. Co., formerly known as the Pullman Sash and Balance Co., of Rochester, N. Y., are manufacturers of hardware specialties. They have been actively engaged in business since 1886, and have evolved a line of specialties which they claim have stood the test of practical use, and refer to a constantly increasing business as evidence of the superiority of their products.

The Pullman Mfg. Co. has issued a complete catalogue illustrating and describing their full line of specialties. This catalogue may be had on application.

"J-M" Asbestos Stucco

In an attractively prepared advertising portfolio entitled Asbestos Stucco Houses, issued by the H. W. Johns-Manville Co., 100 William Street, New York, is shown a number of well-designed suburban houses, whereon "J-M" Asbestos Stucco has been used. The makers state that this finish is much more satisfactory than the ordinary sand and cement mixture, as the large quantities of asbestos fiber combined in the materials forms a tough exterior finish not affected by climatic changes.

The variety of texture effects obtainable with Asbestos Stucco is well shown by a series of well-taken photographs of sample finishes, and may also be judged by the admirable photographs of completed buildings.

This Asbestos Stucco is presented in this portfolio in so artistic a way that architects will find much to interest them in its examination, and, as it may be had on application, we believe it will repay the trouble of sending for it.

New Aids to Heating

The American Radiator Company has issued a pamphlet illustrating and describing some new improved temperature regulators, automatic air valves and packless radiator valves. These added features to a radiator system tend to refine heating practice through economies of time and fuel for the user. It is in these small parts that the efficiency of heating is assured, and an equable temperature throughout the building maintained.

The pamphlet, which presents much useful information on the approved methods of modern heating, can be had on application.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

ANNISTON.—City School Board has decided to erect proposed school at corner of Seventy-seventh St. and Quintard Ave.

BIRMINGHAM.—West Lake Country Automobile Club will at once erect club house. Plans prepared. Mr. Van Trump, of Bessemer, is interested.

ARIZONA

PHOENIX.—Commercial Hotel, G. H. N. Luhrs, Prop., will at once erect \$12,000 addition.

TEMPE.—Baptist Church is considering erection of edifice.

ARKANSAS

JONESBORO.—Contract for erection of proposed agricultural school will be let Aug. 20.

TEXARKANA.—Erection of high school building is planned. G. W. Reid, Supt. of Public Schools.

CALIFORNIA

DAVIS.—Presbyterian Church has decided to erect edifice. Cost \$10,000. Rev. T. J. Buckle, pastor.

LOS ANGELES.—Architect C. C. Rittenhouse, Wilcox Bldg., has prepared plans for erection of three-story \$28,000 apartment house on Scarff St. for Mrs. Lillie E. Webb.

LOS ANGELES.—Blenkiron Bros. and Geo. W. Kitchens will erect ten-story \$275,000 office building at 315 W. Sixth St.

OAKLAND.—Chamber of Commerce is planning to erect \$300,000 building. Frank Leach, Jr., Chairman, Building Committee.

REDDING.—Board of Supervisors has decided to call for bids for erection of \$8,000 machine shop for polytechnic department of Shasta County High School.

SACRAMENTO.—The University Club, Sacramento Hotel, has had plans for a proposed new building drawn by a San Francisco architect. The plans have been submitted to City Trustee E. J. Carragher.

Final plans have been accepted by Supervisor James Donnelly, Dr. G. A. White and Dr. John L. White for the building they propose to erect on K St. Plans were drawn by Architect Hemmings. Cost \$140,000.

SAN DIEGO.—Plans for a passenger depot and two freight sheds to be built of re-enforced concrete and to cost approximately \$500,000, have been made by officials of the Santa Fe system.

SAN FRANCISCO.—J. J. Chick has decided to erect \$16,000 apartment house. A. I. Coffey, Humboldt Bldg., architect.

SAN FRANCISCO.—Board of Education has decided to erect two schools.

CONNECTICUT

BRIDGEPORT.—Architects Beckwith and Jackson, Arcade Bldg., have completed plans for erection of addition to plant of Whipple & Choate.

HARTFORD.—Bids will be received by Board of Contract and Supply, until 11 A. M., Sept. 6, for erection of Children's Infirmary on Holcomb St.

HARTFORD.—Bids will be received until 11 a. m., Sept. 6, for erection of proposed Children's Infirmary on Holcomb St. Jas. Burns, Secretary, Board of Contract and Supply.

Southern New England Telephone Co. has decided to erect proposed exchange on Pearl St.

NEW BRITAIN.—Archbishop Platon has approved plans for erection of edifice on Washington St., for Orthodox Greeks.

Second Adventists are having plans prepared for erection of edifice on Chestnut St.

NEW HAVEN.—Architect C. C. Haight, 452 Fifth Ave., New York City, has revised plans for erection of Mason Laboratory of Mechanical Engineering to be erected by Yale University.

Architect W. Clayton Perry has completed plans for erection of frame block on Fillmore St. for Cohen and Baranoff, 344 Congress Ave.

NEW HAVEN.—Trinity German Lutheran Church is raising funds for erection of \$75,000 edifice on Orange St. Rev. J. A. Timm, Pastor.

Plans have been completed for \$20,000 residence to be built for Prof. P. G. Harrison on Huntington St.; contract work will soon be awarded; plans were drawn by New York firm of architects.

Architects have nearly completed plans for \$15,000 residence in St. Ronan St. for Attorney E. A. Bowers.

SOUTHINGTON.—Southington Improvement Association will soon ask bids for erection of factory to be occupied by Brass Products Co.

TORRINGTON.—Architects Gregg & Hunt, 51 Leavenworth St., Waterbury, are preparing plans for erection of office building on Water St. for Torrington Electric Light Co.

WATERBURY.—Architects Freney & Jackson, 51 Leavenworth St., have prepared plans for erection of brick garage on N. Willow St. for J. M. Daly.

DELAWARE

DOVER.—Delaware State News Co. will erect office building on State St.

WILMINGTON.—County Comptroller Chandler has recommended building of \$125,000 addition to New Castle County Court House.

DISTRICT OF COLUMBIA

WASHINGTON.—Plans by D. H. Burnham & Co., 9 Jackson Boulevard, Chicago, have been approved by Treasury Department for erection of \$3,000,000 post office.

FLORIDA

JACKSONVILLE.—Southern Drug Co. will erect five-story building on Forsyth St.

Plans by Robinson & Reedy, city, have been accepted by State Board of Health for erection of proposed laboratory and general office building.

Architect G. C. Butler is preparing plans for erection of eight-story hotel at 218 W. Adams St. for O. J. Olmstead.

PLANT CITY.—Wayne Thomas will at once rebuild structure destroyed by fire.

TAMPA.—Plans by Architect Fred J. James have been accepted for erection of proposed \$10,000 club house for Tampa Automobile Club.

GEORGIA

ATLANTA.—The Hillyer Investment Co. will immediately build an eight-story steel office building of fireproof construction at 140 Peachtree St. Plans are now being prepared by Norman, Hentz & Reed.

WAYCROSS.—Ware County will vote Aug. 23 on \$40,000 bonds for schools and \$35,000 bonds for jail.

ILLINOIS

CHICAGO.—Three-story apartment house will be erected in Hyde Park Boulevard and Lake Ave. for E. H. Salsbury at a cost of \$100,000, for which plans are being prepared by Architects Marshall & Fox, 164 Dearborn St.

CHICAGO.—The W. W. Shaw and Caleb H. Marshall estates will build at corner of Adams and Clinton Sts. sixteen-story steel fireproof store and loft building, to cost \$900,000. Plans for the building are now being prepared by Architects Marshall & Fox.

St. Malachi's Catholic Parish is considering purchase of site for erection of school and church.

Chickering Piano Co. will erect seven-story \$35,000 brick and stone building on South Park Ave.

Sharpley Separator Co. will erect buildings, cost \$100,000, on Washington St. P. M. Sharpley, West Chester, Pa., President.

PEORIA.—Hotchiss & Harris have about completed plans for erection of public library in Lincoln Square.

SULLIVAN.—Messrs. Chas. Shuman and R. P. McPheeters will erect armory hall on South Main St.

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Asbestos "Century" Shingles—an absolutely and truly *indestructible* roofing.

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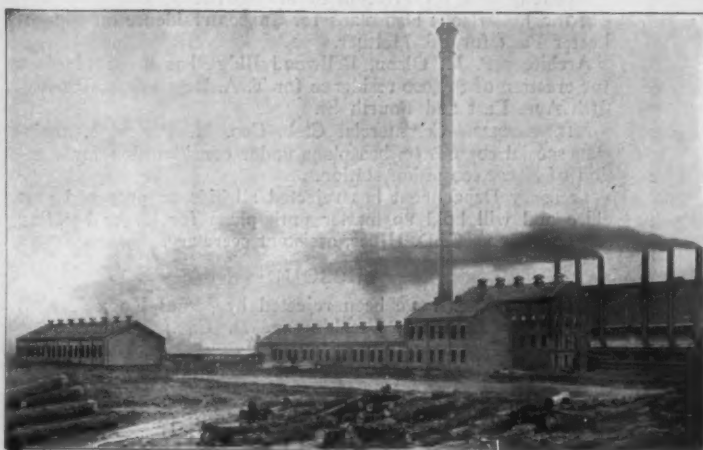


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They need no painting—no repairs.

You can get Asbestos "Century" Shingles in numerous shapes and sizes, three colors—Newport Gray (silver gray), Slate (blue black) and Indian Red. Ask your Roofer for new quotations. Write for Booklet "Mattison 1910."



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on their factory. Look at them in the picture. The Ohio Salt Company's ventilating troubles are over for they have fresh air at all times in spite of the fumes.



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The glass tops make them a combination skylight and ventilator from which the light is never shut out, even when the damper is closed. In other makes when the damper is closed the light is instantly shut off, and at just the time when the skylight feature is needed.

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Notice Adjustable Sliding Sleeve Damper. Patented.

INDIANA

COLUMBIA CITY.—F. L. Myers is considering rebuilding of ice-cream factory destroyed by fire.

ELKHART.—H. Hogendobler is planning to erect \$10,000 residence at Lexington Ave. and Riverside Drive.

FORT WAYNE.—Fort Wayne & Wabash Valley Traction Co. will erect repair plant and car barn. Cost, \$200,000. Plans completed. J. Levering Jones, president.

MODOC.—School Board is planning to erect new building.

SOUTH BEND.—Decision to proceed with plans for the erection of a county detention hospital has been reached by the board of county commissioners.

SULLIVAN.—Christian Church has adopted plans for erection of \$20,000 edifice.

IOWA

DES MOINES.—Bids will be received until noon, Aug. 16, for erection of proposed East High School Building. Proudfoot, Bird and Rawson, architects. A. L. Clinite, Secretary, School District.

FORT DODGE.—Richard Snell will erect five-story brick building at Central Ave. and Eighth St.

MARENGO.—A. O. Hougland, Chariton, is preparing plans for \$35,000 county home.

WEBSTER CITY.—Country Club has decided to erect \$7,000 club house.

KANSAS

LAWRENCE.—United Brethren Congregation will erect edifice at corner of Vermont and Ontario Sts. Rev. J. M. Manion, North Lawrence, is interested.

LEAVENWORTH.—German Evangelical Lutheran Church is planning to erect edifice.

WAMEGO.—Bids will be received until 3 p. m., Aug. 10, for erection of addition to and remodeling school building. John F. Stanton, Architect. J. E. Teeter, Secretary, Board of Education.

KENTUCKY

GEORGETOWN.—Lancaster Hotel Co. has decided to erect addition. R. H. Anderson, president.

LOUISVILLE.—Plans and specifications for erection of \$75,000 parochial school, to be erected by congregation of St. Vincent De Paul's Church at Shelby and Oak Sts., have been prepared.

LOUISIANA

AMA.—Bids will be received until Aug. 10 for erection of school house. L. A. Youngs, President, St. Charles Parish.

LAKE ARTHUR.—Merchants have found company to erect auditorium.

LAKE CHARLES.—Police Jury has decided on plans for erection of \$155,000 court house.

LAKE CHARLES.—Citizens have voted \$360,000 bonds for public improvements, including erection of city hall.

MARYLAND

BALTIMORE.—Frank Novak will erect five two-story dwellings on Orleans St. Cost, \$8,000. Jos. F. Hirt, architect.

John J. Donohue will erect thirty-four two-story brick dwellings, cost \$42,000, on Potomac and Hare Sts. Mason R. Stone, architect.

BALTIMORE.—Wyatt & Nolting, Keyser Bldg., have drawn plans for a handsome residence to be erected on Midland road, Roland Park, which will cost about \$20,000. Bids open until July 25.

BALTIMORE.—Plans for public school building No. 6 to be erected on Ann St., are nearing completion by Alfred Cookman Leach, architect, and will soon be ready for bids. Cost, \$110,000.

BALTIMORE.—A. L. Forrest, 417 St. Paul St., is making plans for three-story apartment house to be erected at corner of Garrison and Belle Aves., for H. G. Jarvis, to cost about \$12,000.

Trustees of estate of Isaac S. George will build a three-story brick apartment house at corner of Maryland Ave. and Twentieth St. Plans are being made by W. A. Foreman.

KENSINGTON.—Catholic Church will be erected. Rev. C. O. Rosensteel, St. John's Catholic Church, Forest Glen, is interested.

SALISBURY.—Architect E. A. Wilson, Land Title Bldg., Philadelphia, has prepared plans for erection of four three-story houses for R. Frank Williams.

MASSACHUSETTS

BOSTON.—Bids will be received until noon, July 30, for additions and alterations to Suffolk County court house. J. R. Dunbar, Ames Bldg., Court House Commissioner.

LEOMINSTER.—L. M. Kenny and A. M. Bates will build comb shop.

LOWELL.—Committee on Lands and Buildings has recommended erection of \$25,000 municipal stable at Broadway and Fletcher St.

LOWELL.—Addition, cost \$22,000, will be erected at Textile School.

WORCESTER.—Edwin J. Lynch, Lynch's Theater, Woonsocket, R. I., will erect theater on Elm St.

MICHIGAN

BAD AXE.—Citizens are raising \$15,000 for addition to hospital.

DECATUR.—Village will again vote on \$12,000 bonds for erection of school.

DETROIT.—Detroit Museum of Art has purchased block bounded by Woodward, Frederick and Farnsworth Aves. and John R St., and is considering erection of building. Percy Ives, 22 Montcalm St. W., Treasurer.

HASTINGS.—M. E. church is preparing to erect at Green and Church streets, a new church which will cost \$30,000.

LANSING.—Plans by E. A. Bowd have been accepted by committee of new Sparrow Hospital for erection of proposed \$100,000 building on East Michigan St.

MENOMINEE.—City will spend \$5,000 to remodel the Liberty St. school.

MINNESOTA

ALBORN.—Citizens have voted \$5,000 bonds to erect school.

AURORA.—School Board Dist. No. 13, has decided to erect school.

AUSTIN.—Bids have been rejected by James Knox Taylor, Supervising Architect, Washington, D. C., for the erection of public building.

CROOKSTON.—Catholic Diocese of Crookston will erect proposed Cathedral school on Ash St.

DULUTH.—Architect Austin Terryberry, Palladio Bldg., has completed plans for erection of \$10,000 flat building on Fifth St., for J. Carlson; also plans for \$10,000 residence on edge of Lester Park for Ed. Mettner.

Architect P. M. Olson, Bellwood Bldg., has prepared plans for erection of \$10,000 residence for T. A. Reynolds at Twenty-fifth Ave. East and Fourth St.

MINNEAPOLIS.—Commercial Club, Geo. H. Partridge, chairman special committee, has plans under consideration for erection of \$3,000,000 union station.

Treasury Department has rejected all bids on proposed post office and will hold up matter until plans for larger building can be drawn. C. D. Hilles, assistant secretary.

MISSOURI

CLINTON.—Bids have been rejected by James Knox Taylor, Supervising Architect, Washington, D. C., for erection of public building.

KANSAS CITY.—Van Horn School Association is urging erection of school.

KANSAS CITY.—Plans are being considered for a three-story addition at the south side of the City Hall.

ST. JOSEPH.—Walter Boschen has been selected to prepare plans for proposed Y. M. C. A. building to be erected at Tenth and Faraon Sts. Cost \$200,000.

ST. LOUIS.—C. C. & E. A. Weber, St. Paul Bldg., Cincinnati, O., are making plans for building to be erected in this city.

MONTANA

BILLINGS.—Hamm Brewing Co. will erect \$15,000 building at corner of Twenty-fourth and Montana Sts., as soon as plans can be prepared.

MISSOULA.—Plans are being prepared for erection of proposed city hall.

NEW HAMPSHIRE

CONCORD.—Mt. Washington Railway Directors have decided to build station and restaurant at foot of Mt. Washington.

LANCASTER.—Congregational Society has decided to erect \$15,000 edifice. K. B. Fletcher, Chairman, Building Committee.

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NEW JERSEY

BAYONNE.—Simon Abramson, of 700 Boulevard, will erect \$5,000 store and apartment house on corner of Rutgers and McAdoo Aves.

ELBERTON.—Architect F. B. Davis, 1600 Chestnut St., Philadelphia, has prepared plans for erection of building for Elberton Library.

GILLETTE.—Bids will be received until 8 p. m., July 30, for erection of addition to Nullington School. Address Chas. A. Cornish.

HAMBURG.—Sealed bids will be received by the Board of Education at Shaw's Hall, at 8 P. M., Tuesday, August 2, 1910, for the erection and completion and the heating and ventilating of a four-room school building. William T. Towner, architect, 320 Fifth Ave., New York City.

HARRISON.—Plans have been completed by Architect Hyman Rosensohn, 800 Broad St., Newark, for erection of \$900 flat at 227 Cleveland Ave. for Jacobs Brothers, 207 Harrison Ave.

HOBOKEN.—Plans are being prepared by Architect Max J. Beyer, 81 River St., for erection of \$75,000 storage warehouse which will be erected on corner of Grand and Eighth Sts., for the Oriental Metal Bed Company.

JERSEY CITY.—Plans are being prepared by Architect William H. Bogart, 712 Bergen Ave., for erection of \$60,000 storage warehouse on Grant Ave. for Thomas F. Sheridan of 601 Ocean Ave.

Plans have been prepared for \$50,000 residence for John J. Wright Clark, 533 Mt. Prospect Ave., which will be erected on corner of Ballantine Parkway and Ridge St. Albert Phillips, 70 Park Place, Architect.

Kaplan Brothers have had plans drawn by Frank Grad, 137 Springfield Ave., for three-story frame, six-family flat, which they contemplate erecting at 343 S. Sixth St.

JERSEY CITY.—Israel Max, 480 Communipaw Ave., will erect two flat houses, Eugene Reilly, Bayonne, N. J., architect. Cost \$15,000.

Plans are being prepared by William A. Tilton, Lincoln Trust building for the erection of two apartment houses on Palisade and Ogden Aves. and Wood Place. Cost about \$50,000. Plans will be ready for figures by August 1.

NEWARK.—Emmanuel Baptist Church will at once erect \$50,000 edifice at Montclair and Clifton Aves. Plans prepared. Rev. E. O. Wilson, Pastor.

WEST HOBOKEN.—Architect Emil Guhl, 19 Charles St., Jersey City, has completed plans for Peter Bianchetti, builder, of 335 W. Twenty-fourth St., Manhattan, for a store and apartment building on corner of Central and Paterson Aves.

NEW YORK

ALBANY.—Plans are being prepared by M. T. Reynolds, State St., for Truck Station to be built at Delaware Ave., and Marshall St. W. H. Van Guysling is preparing plans for Third Precinct police station.

ALBANY.—Supervisors' Almshouse Committee has voted to accept offer of State Architect Franklin B. Ware to act as advisory architect in proposed competition for plans.

Architect Van Guysling has prepared plans for Third Precinct police station, to be erected on N. Pearl St.

AMSTERDAM.—Postmaster Thomas Liddle has received plans and specifications of proposed new Federal building to be erected at Division and Wall Sts.; bids will be received until Aug. 1.

BLUFF POINT.—Architects Ludlow & Peabody, 12 W. Thirty-first St., New York City, have prepared plans in association with H. J. Hardenbergh, for erection of proposed Hotel Champlain for Delaware and Hudson Railroad Co.

BRIGHTON.—Building Commission will advertise bids for \$75,000 tuberculosis hospital. Architect, Chas. Crandall, County Architect.

ELMIRA.—United States Cut Flower Company is considering building of a large addition to plant.

FORT WILLIAM HENRY.—Contract for Fort William Henry hotel has been awarded to R. M. Booth, Albany. Ludlow & Peabody, 12 W. Thirty-first St., New York City, and H. J. Hardenbergh, associated architects.

NEW YORK.—F. H. Thorne, 4638 Park Ave., owner and architect, will erect seven-story \$40,000 brick store and loft building on Twentieth St.

New York Polyclinic School and Hospital, 214 E. Thirty-fourth St., will erect \$500,000 hospital at 341 W. Fiftieth St. T. Rowe, 140 W. Forty-second St., architect.

NEW YORK.—Fort Washington Construction Co., 110 Fifth Ave., will erect six-story apartment house, cost \$450,000, on Fort Washington Ave. C. B. Meyers, 1 Union Square, architect.

A. Rinaldi, 113 Thompson St., will erect four-story brick lofts, cost \$15,000, on Third St. E. De Rosa, 423 E. 117th St., architect.

NEW YORK.—Rockledge Construction Co., 41 W. Thirty-third St., will erect twelve-story brick apartment house on Riverside Drive. Cost, \$300,000. E. T. Macdonald, architect.

Interborough Rapid Transit Co., 165 Broadway, will erect brick storage warehouse on 242d St. Geo. H. Pegram, architect.

NEW YORK.—Corporation of Trinity Church, 187 Fulton St., will erect eight-story factory building at Canal and Sullivan Sts. Cost \$20,000. C. C. Haight, 452 Fifth Ave., Architect.

Martin Garone, 143 Washington Market, will erect \$7,500 moving picture theater at 76 Catharine St. A. L. Kehoe & Co., 1 Beekman St., Architect.

NEW YORK.—O. Wagner, 40 E. Twelfth St., will erect ten-story brick store and lofts building, cost \$45,000, at 113 W. Twenty-seventh St. W. Kurtzer, Spring St. and Bowery, Architect.

383 Seventh Ave. Construction Co. will erect four-story \$30,000 hotel at Seventh Ave. and Thirty-first St. R. D. Kohn, 170 Fifth Ave., Architect.

J. T. Underwood, 336 Washington Ave., Brooklyn, will erect eighteen-story \$400,000 brick office building at Vesey and Church Sts. Goldwin, Starret & Van Vleck, Architects.

Preliminary plans for \$300,000 structure for congregation of Chapel of the Intercession are now being prepared for rector and vestry of Trinity Church. Structure will be erected in Trinity Cemetery, near corner of Broadway and 155th St. R. A. Cram, 170 Fifth Ave., Architect.

ROCHESTER.—Sealed proposals will be received by Commissioners of Public Buildings until 10 A. M., August 13, for erection of Tuberculosis Hospital. Plans may be seen at office of Crandall & Strobel, Ellwanger & Barry Bldg.

Sealed bids will be received by the Board of Education at 12 o'clock noon of Monday, August 1, 1910, for the erection of a 3-story fireproof Public School on Post St. Also for a 4-room addition to No. 36 School on Carter St. J. Foster Warner, architect, Granite Bldg.

SPRINGWATER.—Erection of \$10,000 school has been voted on.

SYRACUSE.—Robert J. Roney has had plans prepared for two-family house which he will build in the 200 block on Elk St.

SYRACUSE.—Dr. Wm. L. Wallace has had plans prepared for erection of private hospital on Irving Ave., Yonkers.

WESTPORT, N. Y.—The North Eastern Forestry Co., of New Haven, Conn., will build curing and drying buildings at Westport. Plans completed. F. B. O'Connor, Albany, architect.

NORTH DAKOTA

FARGO.—Plans for Workmen Building are being completed.

RUGBY.—Pierce County will let contract Aug. 12 for erection of \$85,000 court house.

OHIO

CINCINNATI.—Jas. T. Carew will erect two \$25,000 residences on Observatory Ave.

CINCINNATI.—Proposals will be received by City Auditor until noon, Aug. 8, for \$300,000 bonds for raising money for erecting hospitals and pesthouses.

COLUMBUS.—Architects Strubling and Lunn, 85 N. High St., have prepared plans for erection of double-brick residence on South Third St., for F. J. Heer.

CRESTLINE.—Architects Howard and Merriam, Capitol Trust Bldg., Columbus, have been selected to prepare plans for erection of \$50,000 school.

NEWARK.—Bids have been rejected by James Knox Taylor, Supervising Architect, Washington, D. C., for erection of public building.

POMEROY.—Architect Howard A. Merriam, Columbus, will prepare plans for erection of proposed armory for National Guard.

WAPAKONETA.—Wapakoneta Wheel Co. will erect plant. Edwin Abe, President.

YOUNGSTOWN.—Bids will be received by Board of Education, 29 West Federal St., until noon, Aug. 5, for erection of front part and the basement of wings and gymnasium of South high school building, on South Market St.

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OKLAHOMA

JONES CITY.—Citizens have voted \$5,000 bonds to erect school.

OKLAHOMA CITY.—H. C. Schilling has had plans prepared for erection of three brick buildings on Capitol Hill.

OKLAHOMA CITY.—Oklahoma City Hardware Co. has had plans prepared for erection of five-story \$100,000 warehouse.

Roman Catholic Church is planning erection of \$60,000 orphanage.

Dr. E. E. Kirkpatrick will erect \$5,000 residence during fall.

Plans have been completed for erection of proposed edifice at Tenth and Robinson Sts. for First Christian Church.

OREGON

MEDFORD.—Howard Bros. will at once erect four-story and basement block on Central Ave.

PENNSYLVANIA

BRADFORD.—Treasury Department will receive bids until Aug. 20 for erection of post office. Jas. Knox Taylor, Washington, D. C., Supervising Architect.

CHESTER.—Architect Jas. J. Farnan has prepared plans for erection of block of stores on Market St.

COALRIDGE.—Bids will be received by John F. Kropp, Secretary School Board, until about Aug. 1 for erection of \$65,000 high school in Plains Township, Luzerne County. Owen McGlynn, Wilkes-Barre, Architect.

ELDERSVILLE.—School Board of Jefferson Township is considering erection of permanent home for Normal School.

ERIE.—Plans have been prepared by Architect C. P. Cody for erection of \$12,000 parish house.

ERIE.—Plans of C. P. Cody, architect, Downing Bldg., have been accepted by Calvary Baptist Church for parish house to cost \$12,000.

HARRISBURG.—Plans have been completed by Weaver & Stewart, contractors and builders, for erection of ten three-story brick dwelling houses on Nineteenth St., between Market and Chestnut Sts.

JOHNSTOWN.—Country Club, Carroll Burton, president, is planning to erect clubhouse next spring.

McKEESPORT.—School Board is considering plans by Architects Clepper & Moffatt for erection of addition to East End School.

PHILADELPHIA.—Mission of St. Vincent de Paul, Germantown, is considering erection of edifice at Price and Sprague Sts.

PHILADELPHIA.—Tabor Manufacturing Co., Eighteenth and Hamilton Sts., has bought tract on Stockley St. and will erect \$200,000 manufacturing plant.

PHILADELPHIA.—Frankford Hospital will erect four-story surgical building at Frankford Ave. and Wakeling St. Stearns & Castor, Gerard Bldg., architects.

PHILADELPHIA.—Henry D. Dagitt, 411 Walnut St., is preparing plans for alterations and additions to Church of Our Mother of Sorrows at Forty-eighth St. and Lancaster Ave.

Architect Herman Miller, Crozer Bldg., is preparing plans for six-story store and loft building to be erected on Arch St., for Tracy, Morris & Co.

Contract for the Police Station addition to Commissioners' Building for Cheltenham Township, Ogontz, which was designed by C. E. Schermerhorn, Architect, 430 Walnut St., Philadelphia, has been awarded to Frank E. Hellerman, Jr., Ashbourne. The contract for hot-water heating system for entire building has been awarded to Henry L. Beck, of Lansdale.

PITTSBURG.—Architects Ballinger and Perrott, 1211 Arch St., Philadelphia, have completed plans for erection of dormitory on Ridge Ave. for Western Theological Seminary. Cost \$150,000.

Chas. H. Berntrager will erect \$30,000 stone residence on Squirrel Hill. P. A. Liesch, Aspinwall, architect.

F. G. Stieren will erect \$10,000 brick residence at Morrowfield and Monitor Aves., Morrowfield. H. S. Estep, 209 Ninth St., architect.

PITTSBURG.—Architect Edward B. Lang, House Block, is receiving estimates on construction of \$75,000 church in Allen Ave., for St. George's Roman Catholic congregation.

SHILLINGTON.—Order of Independent Americans will erect \$9,000 hall.

WILKES-BARRE.—Plans for the erection of a two-story brick structure to be used as a hospital ward at the Home of Friend-

less Children are now in process of preparation by Architects Welsh Studevant and Poggi, Coal Ex. Bldg., the cost will be about \$12,000.

YORK.—City is considering erection of city hall.

SOUTH CAROLINA

COLUMBIA.—State Asylum Commission is considering erection of three buildings. Plans prepared; \$50,000 available.

NEWBERRY.—Asylum Commission has decided to erect three new buildings. J. W. Babcock, Superintendent.

TENNESSEE

CHATTANOOGA.—J. M. Horton will erect commercial building on Dodds Ave.

KNOXVILLE.—Centenary M. E. Church, South, is planning to erect addition to edifice on North Broadway. Rev. Frank Y. Jackson, pastor.

TEXAS

ARANSAS PASS.—School district has voted \$20,000 bonds for erection of school.

CLEBURNE.—First Baptist Church is planning to erect \$10,000 settlement building.

FORT WORTH.—School Board has decided to erect \$17,000 school building in North Fort Worth.

MART.—Bids will be received until noon, Aug. 10, for erection of school building. Wm. Drago, 715 Hennan Bldg., New Orleans, La., Architect.

FORT ARTHUR.—Capt. W. C. Tyrrell, Beaumont, will erect theatre on Proctor St., at cost of \$20,000.

SHERMAN.—Sherman W. O. W. Lodge is considering purchase of site and erection of home.

WEATHERFORD.—Texas Fairmont Seminary of this place is making preparations for building of \$15,000 dormitory.

WEATHERFORD.—Railroad Commission has approved plans of the Santa Fe for erection of \$10,000 brick freight and passenger depot.

UTAH

PRICE.—Carl Gunderson and others will erect \$30,000 hotel. R. C. Watkins, Provo, architect.

SALT LAKE CITY.—School Board will ask for competitive plans to be submitted Sept. 1st for erection of high school.

VIRGINIA

NORFOLK.—Plans will soon be submitted to Council for erection of \$150,000 municipal auditorium proposed by Industrial Commission at Washington and Brewer Sts.

WASHINGTON

COLVILLE.—Site will soon be purchased for erection of \$25,000 high school.

COLVILLE.—Plans have been drawn by Architect L. L. Rand, Rookery Bldg., Spokane, for erection of two-story office building.

SPOKANE.—Torrence Investment Co. is contemplating erection of business block corner Monroe St. and Broadway.

T. A. Sullivan will erect residence at E. 611 Sinto Ave.

SPOKANE.—Harry A. Albert is planning to erect modern residence on Jefferson St.

SPOKANE.—Powell-Sanders Co. will erect seven-story building on Haverhole Island.

W. G. Ramshaw, Hotel Spokane, is interested in proposed erection of box factory.

TACOMA.—Michael O'Shea has plans for \$20,000 three-story apartment building at S. Thirty-fourth St. and Pacific Ave.

WASHINGTON

HOQUIAM.—Local Eagles will erect three-story building on J St.

WEST VIRGINIA

ELM GROVE.—Board of Education is considering erection of school at Oak Grove. Chas. D. McCarty, Architect.

WHEELING.—Bids will be received until 11 A. M., Aug. 17, for erection of two lockkeepers' houses at Dam No. 13. F. W. Altstaetter, Capt. Engineer.

WHEELING.—Wheeling Auto Co. will erect building at 2323 Main St. B. F. Perkins president.

WISCONSIN

MILWAUKEE.—International Harvester Co. will erect \$400,000 building this fall at Nineteenth Ave. and Park St.



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Gaggin & Gaggin, Architects.

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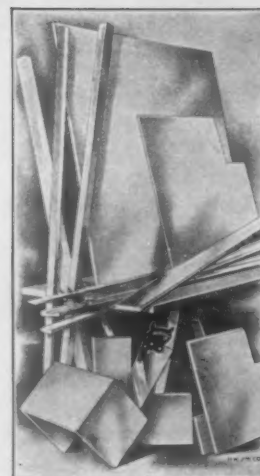
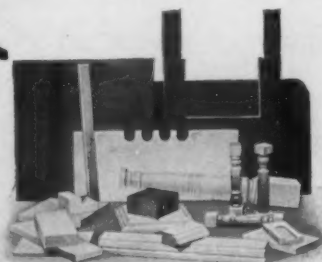
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ARCHITECTURAL DRAUGHTSMAN, 26 years of age, 7 years' experience on all classes of city work, desires position in or outside of New York City; moderate salary; best references furnished. J. Moses, 758 E. 168th St., Bronx, New York City. (1905)

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PROPOSALS

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 11, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M. on the 22d day of August, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Carbondale, Pa., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Carbondale, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1804-5)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 7, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M. on the 18th day of August, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus and electric conduits and wiring), of the U. S. Post Office at Pontiac, Michigan, in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Pontiac, Mich., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1804-5)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 20, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 1st day of September, 1910, and then opened, for painting, etc., at the United States Post Office, Court House, etc., at San Francisco, Cal. in accordance with the drawings and specification, copies of which

may be had from the Custodian at San Francisco, Cal., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 31st day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Olean, N. Y., in accordance with drawings and specification, copies of which may be obtained from the custodian of site at Olean, N. Y., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 14, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 25th day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Marlboro, Mass., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Marlboro, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1905-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 16, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 29th day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Bradford, Pa., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Bradford, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1905-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 26th day of August, 1910, and then opened, for the installation of a steam heating and ventilating apparatus, etc., for the United States Post Office building at St. Louis, Mo., in accordance with the drawings and specification therefor, copies of which may be had at this office or at the office of the superintendent of construction at St. Louis, Mo., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

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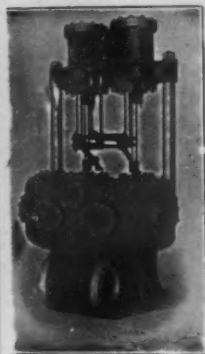
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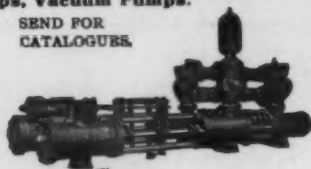


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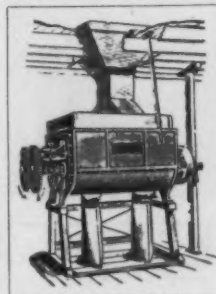
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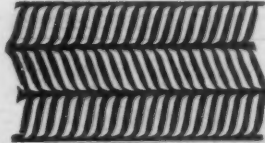
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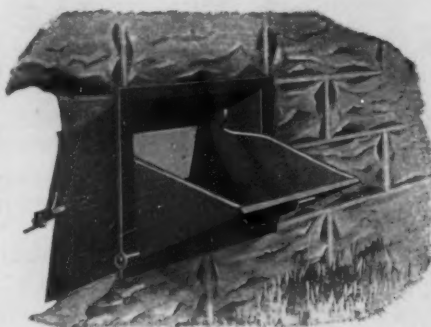


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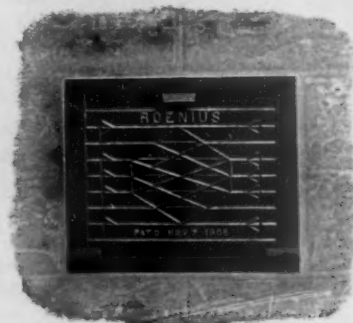
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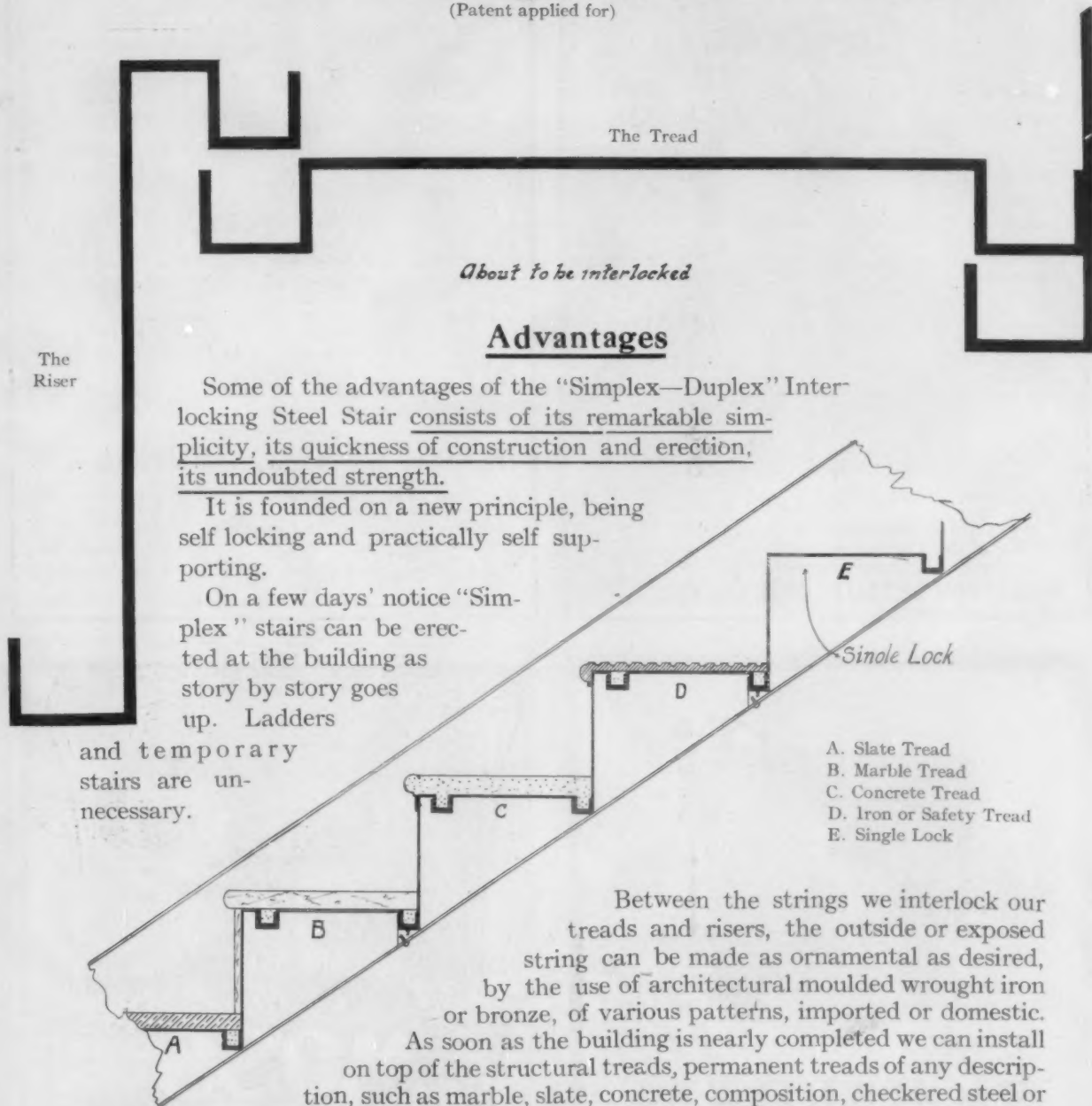


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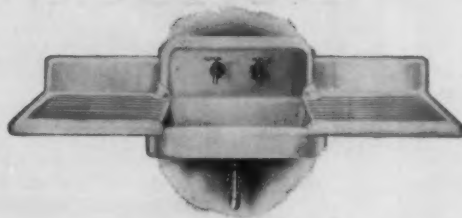


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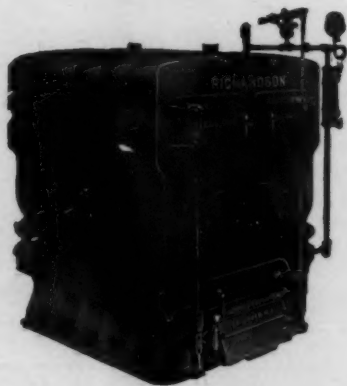
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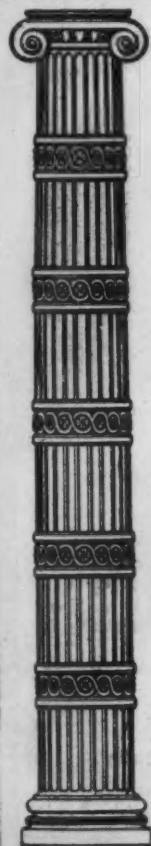
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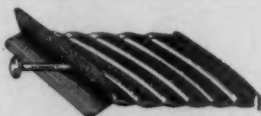
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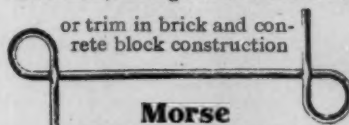


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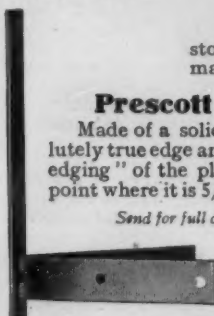
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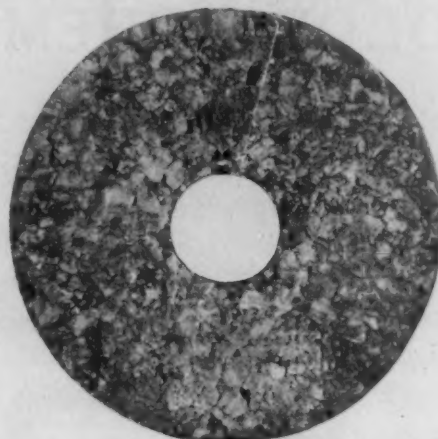
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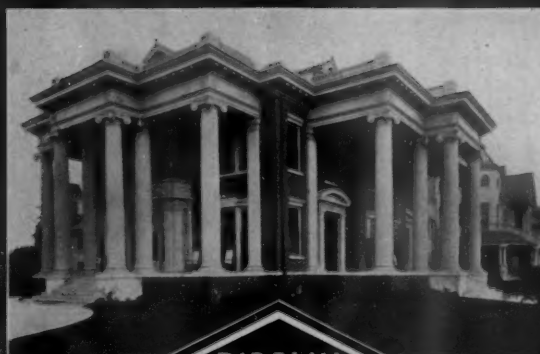
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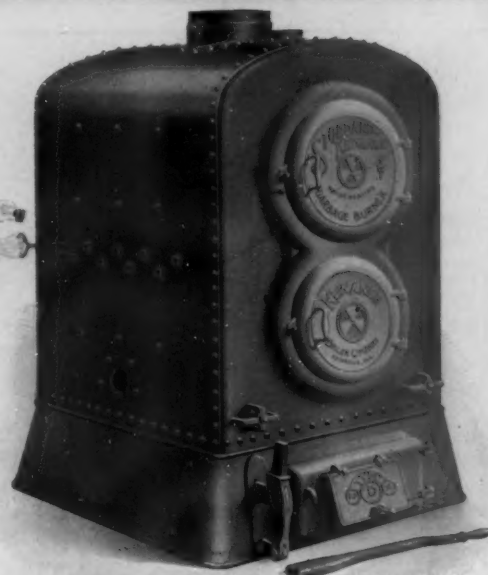
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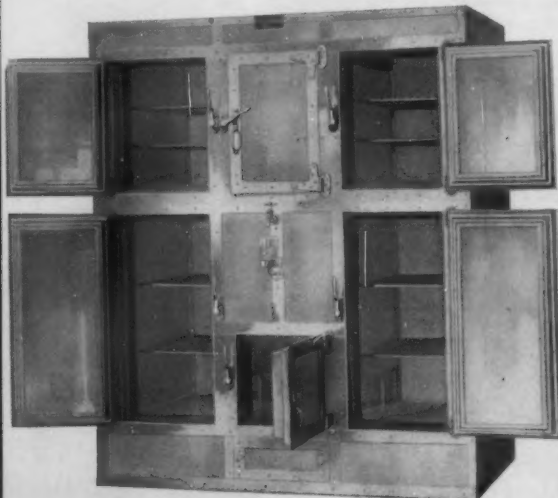
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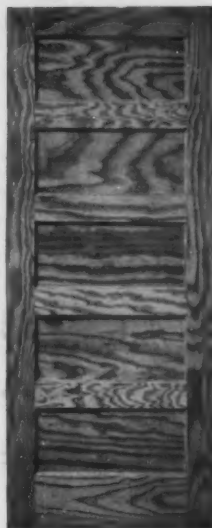
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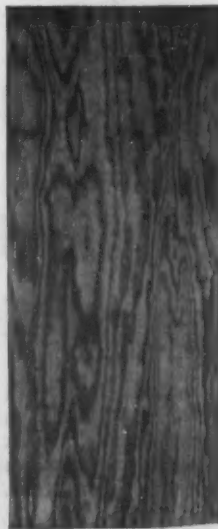
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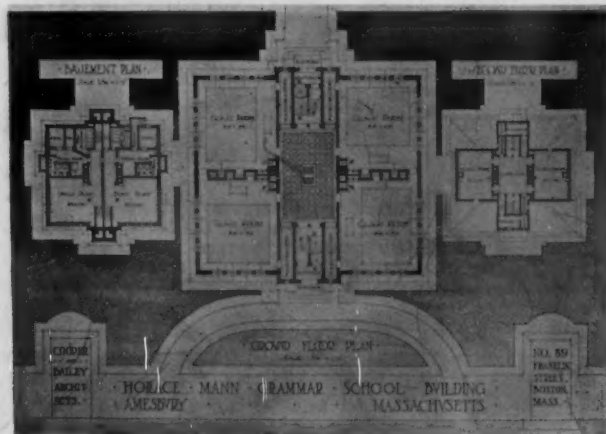
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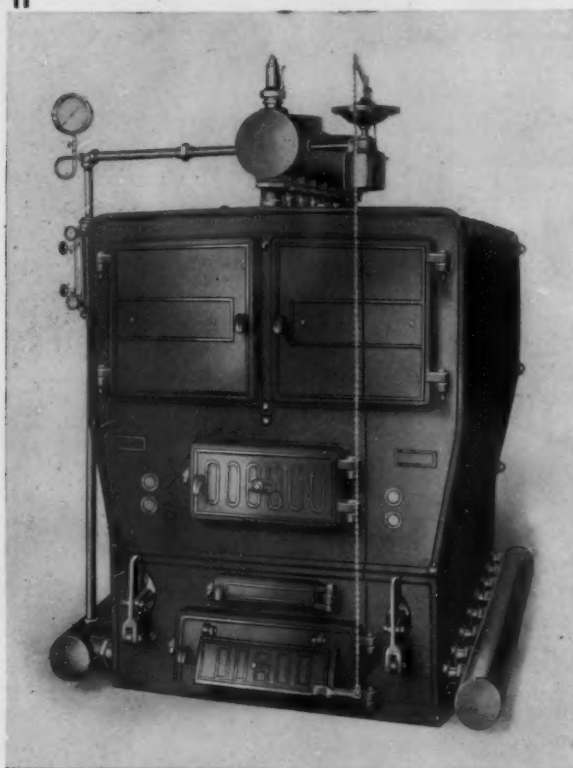
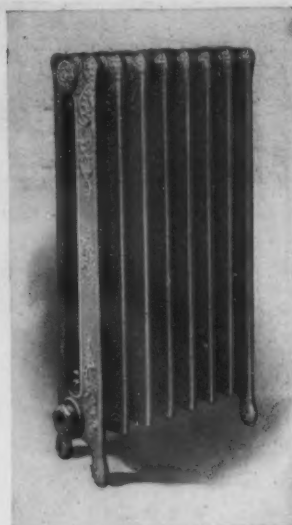
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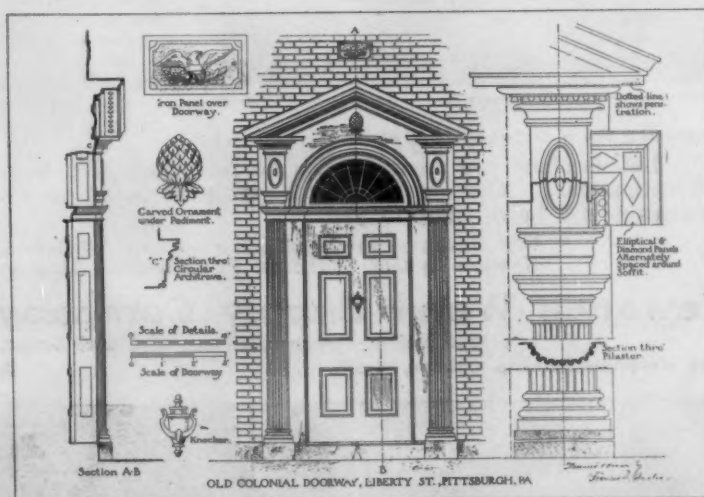
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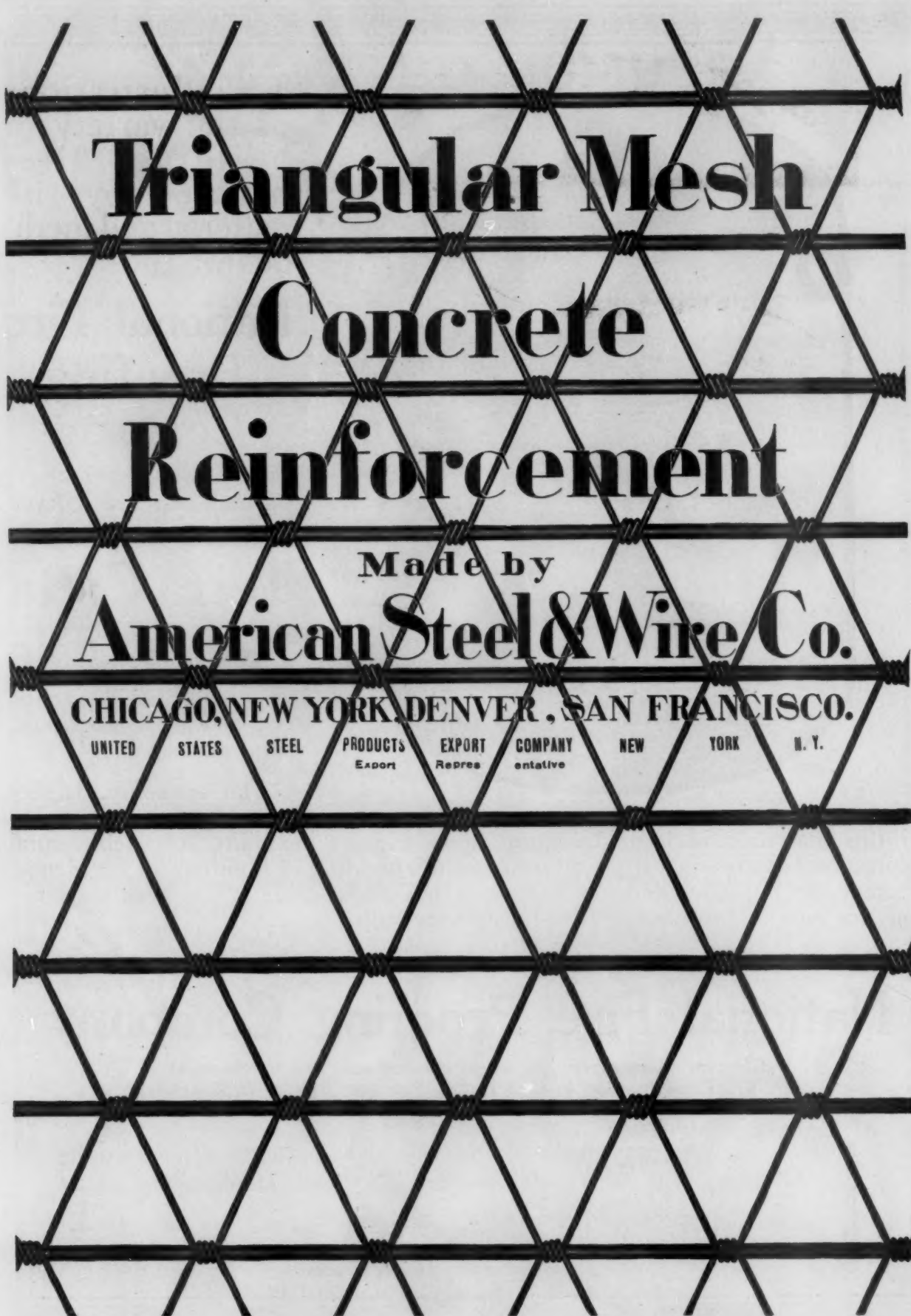
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Judge from the following:
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Erratum

In the issue of July 20th the designs of the Portland (Maine) City Hall were credited to Messrs. Carrère and Hastings, omitting to give credit also to Messrs. John Calvin Stevens and John Howard Stevens who were associated in the work with Messrs. Carrère and Hastings. We take this means to correct the error and to explain that the architects' names appeared on the drawings, but for some mechanical reason had to be omitted in the reproduction.

Practical Work of the Government in Estimating Present Stand of Timber in the Southwest—

Will Result in an Accurate Knowledge of Available Supply and the Safe Factor in Yearly Cutting

The United States Department of Agriculture has undertaken the task of estimating the present stand of saw timber on each township and section of National Forest land in the States of Arizona, New Mexico, Arkansas and Florida. It will probably take until the close of the year 1912 to complete the work, but when it is done the Government will know definitely how much timber can safely be cut from the National Forests in these States, and just where the timber is that can be most advantageously sold.

When a forest has once been covered by such a reconnaissance, purchasers and forest officers can agree on negotiations for timber sales.

A Suggested Plan for Collecting Pictures of Roman Ruins

Commendatore Boni has delivered in the Forum Museum, Rome, an interesting lecture, in his capacity as president of the photographic section of next year's exhibition, upon the desirability of forming a collection of photographs of the Roman antiquities—not only of those existing in Italy, but of those to be found in other lands. Much still remains to be done, as he pointed out, for the photography of the beautiful but remote sites of the Italian peninsula.

The movement for expropriating the Circus Maximus, now occupied by the gasworks, is gaining ground. When the Circus Maximus has been freed from the gasometers, it is proposed to restore it to its original purpose of a national stadium, only, however, for foot races and gymnastics.

The under secretary for education, several deputies and a diver are going to study on the spot the possibility of hoisting up to the surface of the lake at Nemi the famous Roman ships, now lying in the mud.

Art Museum Competition at New Orleans Decided

Lebenbaum & Marx, architects, Chicago, Ill., were the successful competitors in the competition recently held in New Orleans, for a building for the Delgado Museum of Art.

Competition for Milwaukee's Central Police Station is Decided

We learn from a clipping in the daily press that Albert Randolph Ross, of New York, was the winner in the competition for the Central Police Station and Criminal Court Building, to be erected at Milwaukee, Wis. Other prizes in this competition were awarded as follows: Second prize, Denison & Herons; third, Spencer & Powers; fourth, Brust & Phillip. The Committee on Award was W. Carlys Zimmerman, Prof. Charles A. Henderson, Allen B. Pond, and Chief of Police Janssen.

North Carolina Architects Hold Annual Convention

The fourth annual meeting of the North Carolina Architectural Association was held at Wilmington, N. C., last month.

Tenement Houses in Suburbs

A correspondent of the *Glasgow Daily Record* draws attention to the number of "small tenement houses to be found in country places where one would naturally conclude to find small houses built on the cottage principle. Ground is not so heavily rented as to warrant this kind of building, and gardens, including everything therewith, are most complicated. Some of these houses, he states, do not seem to have any deafening (Anglicé: sound-proofing) used in their construction, so that privacy cannot be looked for even in the most trivial conversation. People go to the country for freedom in every respect, but such privileges are sadly curtailed by stupid surroundings."

A New Building for the Bureau of Engraving and Printing at Washington

Approval has been given by the new Commission of Fine Arts to the plans for the new building for the Bureau of Engraving and Printing at Washington.

The plans were drawn in the office of the supervising architect of the Treasury Department.

The building will be 850 feet long; the largest building in the country, it is believed.

PERSONAL

Arthur T. Remick, architect, informs us that he has moved to new offices at 3 W. 29th street, New York.

Downey & Denham, architects, Mobile, Ala., announce their removal to new offices in the Van Antwerp building.

Auguste Forsberg, architect, died at Lynchburg, Va., on July 15th. Mr. Forsberg was 79 years old and a native of Sweden. He was architect of the South Carolina State Capitol building.

BOOK NOTES

ROMAN CITIES IN ITALY AND DALMATIA, by A. L. Frothingham, Ph.D. Full cloth; 325 pp., 5½ by 8 inches. Price, \$1.75. New York: Sturgis & Walton Co.

Probably no country nor any country's capital has found more ready pens of prose or poetry to sing its glories and describe its territory than has Italy. Rome, the capital and center of the greatest state of the ancient world, and to-day the most famous city, stands for so much in the world's history that as a theme it is inexhaustible.

More especially is this true when a student of Professor Frothingham's demonstrated ability sets down the results of his researches in this famous capital and other cities of Italy and Dalmatia.

The reader is at once interested in the book when he peruses the opening sentence in the prologue. Prof. Frothingham states: "To know Rome well, you must go elsewhere. This would not be true of Greece, ruled by individualism; but Rome, with her tenacious traditions, her pervasive and constructive imperialism, her unalterable plan of stamping her impress wherever she set foot, Rome both mirrored the cities from which she sprang, and was mirrored on each of her colonies."

Here we have the keynote of the work which is one while, treating in the broadest way the beauties and glories of the "Eternal City," shows how "all roads lead to Rome," and that nothing that added to the fame, the art, and the letters of Italian cities but was assimilated in Rome, as the nucleus of greater and broader creations that added to the fame and grandeur of the Capital.

Nothing in the eye of this intelligent observer is too small to have significance, nor is anything so large as to overshadow everything in its neighborhood.

It is often a source of regret that it is not possible in the limits of a notice such as this to dwell more at length on the scope and value of books that come to us for notice. A work of this sort might supply the thought for many lines of review. Architects will read it with pleasure, even those who believe they know their Italy. Most of us have seen Rome as Rome—how many of us can see the composite picture that is present to a man like Professor Frothingham, who views Rome as the mirror of many Italian cities, each one familiar by observation and intelligent study.

We may not have the time to go abroad, over the beautiful Italian country, and see for ourselves, but with this work at hand we shall recall much of Rome as of importance now, that when we viewed the city seemed but a small detail in a day's itinerary.

INDUSTRIAL

Linoleum as Applied to Cement Foundations

The John H. Pray & Sons Co., of 646 Washington street, Boston, has recently completed a series of tests to determine the action of acids upon linoleum. These tests are interesting on account of the increased use of linoleum as floor covering on cement foundations, and

also its wide application as floors for laboratories and medical institutions.

Relative to these tests, The John H. Pray & Sons Co., write us as follows:

"We submitted a strip of linoleum to the action of the following acids, both concentrated and dilute, nitric, HNO_3 ; sulphuric, H_2SO_4 ; hydrochloric, HCl ; acetic; and aqua regia, a combination of nitric and HCl . The acids were left on between one and a half and two hours, and then washed off. In all instances the effect appeared to be entirely on the surface, and in some instances hardly without discoloration.

"We then submitted three samples to an acid bath of seventy-two hours in three different acids. In one case only, that of nitric acid, was the fabric eaten.

"We also have under way tests of the product of a number of manufacturers, to discover the compound which will give the maximum of wearing value with the minimum of stretch."

The John H. Pray & Sons' Co. have supplied linoleum and cork carpet, secured by waterproof glue, to cement and other floors, to battleships, large public buildings and to school houses. They solicit correspondence with architects and builders.

Rib Metal

The Trussed Concrete Steel Co., of Detroit, Mich., have recently issued an illustrated pamphlet describing "Rib Metal," a form of reinforcement for which many advantages are claimed. This metal is especially adapted for reinforcing concrete slabs, spanning between steel and reinforced concrete beams. Being in the form of a mesh, it is claimed to reinforce the slab uniformly and permits the concrete to be readily placed around the steel.



100 SQUARE FEET OF REINFORCEMENT HANDLED AS ONE BAR

Its use in reinforcing floors, roofs, walls, arches and sewers is particularly recommended.

This metal, although in the form of a mesh as above stated, is stiff and rigid, and not pliant and wiry.

The pamphlet, which may be had on application, and from which the accompanying illustration is taken, shows by well-taken photographs this Rib Metal as placed in construction, together with valuable information. It will be found of interest and worth sending for.



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Specifying merely Roofing Tin is unsafe, so is specifying merely the weight of coating. There are so many features besides coating which go to make or mar the durability of Roofing Tin.

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SCOTT'S EXTRA COATED is perfect when it goes on the roof and stays that way as long as the building lasts.

Don't neglect to send for Booklet "J" at once.

FOLLANSBEE BROTHERS COMPANY, PITTSBURG, PA.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

FLORALA.—Citizens have voted \$12,000 bonds for erection of school.

TROY.—Bids have been rejected by James Knox Taylor, Superv. Arch. of the Treasury Dept., Washington, for construction of postoffice building.

TUSCALOOSA.—Citizens are considering plans for new depot, cost \$30,000, which will be constructed by Alabama Great Southern railroad. L. Sevier, General Agent.

ARIZONA

PHOENIX.—H. C. Thomas has commissioned architect to draw plans for \$50,000 hotel building to be erected near the Indian School.

ARKANSAS

ARGENTINA.—Lodge No. 1004, B. P. O. of Elks will erect \$25,000 lodge building.

LAKE VILLAGE.—Lakeside School Board is planning to erect \$6,000 school. Theo. M. Sanders, Little Rock, architect.

PINE BLUFF.—It is planned to build \$400,000 hospital.

RISON.—Theo. M. Sanders, Little Rock, is preparing plans for erection of \$50,000 court house for Cleveland County.

WARREN.—Bids will be received until Aug. 20, for erection of high school. W. S. Hobbs, Chairman, Building Committee.

CALIFORNIA

ALTURAS.—Niodoc County has voted \$20,000 bonds for erection of high school.

ASUSA.—Architect Norman F. Marsh, Los Angeles, has prepared plans for erection of \$10,000 Methodist Church.

FULLERTON.—Architect W. F. Marsh, Los Angeles, will prepare plans for erection of church for Christian Congregation.

LOS ANGELES.—Architects Hudson and Munsell, 256 S. Spring St., are preparing plans for erection of residence at Huntington Drive and Granada St.

Hunt, Eager and Burns, Laughlin Bldg., are preparing plans for erection of residence on Andrews Boulevard for Karl Triest.

LOS ANGELES.—Morgan, Walls & Morgan, Story Bldg., are preparing plans for 11-story, \$300,000 brick and stone, fireproof office building to be erected on W. Fifth St. and Broadway, for the Title Insurance & Trust Co.

REDONDO BEACH.—Public Library Trustees are considering erection of \$10,000 library building.

LOS ANGELES.—Plans have been completed by Hunt & Burns for a two-story parish house to be built for the St. John Episcopal church at Adams and Figueroa Sts.

Plans are being prepared by J. C. Smith, 106 W. Third St., for two-story frame school building to be erected in Belvedere district.

NAPA.—Bids will be received until Aug. 9 by State Department of Engineering, Sacramento, for erection of group of buildings at the Napa State Hospital.

PIEDMONT.—City has accepted plans by Architect Albert Farr for erection of \$7,000 combined city hall and fire station.

REDONDO BEACH.—Erection of library building is being considered. C. J. Creller, President, Board of Trustees.

RIVERSIDE.—Lester S. Moore, Grant Bldg., Los Angeles, has been commissioned to prepare plans for an addition to high school building.

RIVERSIDE.—\$250,000 bond issue to be voted on for erection of schools.

SACRAMENTO.—S. H. Hatcher, of Pasadena, is considering erection of \$150,000 ice-making plant.

SANTA PAULA.—Withey & Davis, Los Angeles, are preparing plans for erection of \$20,000 school building.

SIERRA MADRE.—D. M. Johnson will erect residence in this city. Plans being prepared.

Fred Wilcox has decided to erect garage. Plans prepared.

STOCKTON.—San Joaquin Hospital Association will erect \$200,000 institution. Walter King, Architect.

WEAVERVILLE.—Trinity County is considering erection of high school. Professor F. L. Wharff, principal.

WHITTIER.—Architect Norman F. Marsh, Los Angeles, has prepared plans for erection of \$75,000 school.

YUBA CITY.—Plans and specifications for the new school building to be erected in Farmers' District have been prepared.

CONNECTICUT

NEW BRITAIN.—Swedish Lutheran Church has decided to erect parsonage. Rev. Dr. S. Y. Ohman, pastor.

NEW HAVEN.—Plans have been prepared for erection of chapter house for Theta Xi Society of Sheffield Training School. Contracts will be let at once. City Attorney S. E. Hoyt, Chairman, Building Committee.

Plans have been made by Timothy F. Doherty, 195 Poplar St., for residence in Lexington Ave. for Daniel R. Doherty.

WATERBURY.—Architects Freney & Jackson, 51 Leavenworth St., have plans for a store and tenement block at Baldwin and Washington Sts.

DELAWARE

NEW CASTLE.—Board of Education has decided to enlarge high school.

WILMINGTON.—An addition will be built to the building of the Equitable Guarantee and Trust Company, of Wilmington, to cost \$36,540.

WILMINGTON.—Wilmington Malleable Iron Co. will erect \$10,000 addition to plant on F. St., South Wilmington.

DISTRICT OF COLUMBIA

WASHINGTON.—St. Matthews' Catholic Church is having plans prepared for erection of \$50,000 church edifice on Rhode Island Ave. N. W.; will also erect rectory. Mgr. Lee, pastor.

WASHINGTON.—Plans are being prepared by Jas. K. Taylor, Supervising Architect, Treasury Department, for remodeling U. S. jail at cost of \$56,000.

FLORIDA

JACKSONVILLE.—C. D. Mills to erect twelve-story hotel.

KEYSTONE PARK.—The Board of Public Instruction of Hillsborough County has agreed to establish a new public school in the Keystone Park townsite.

LAKELAND.—Lutheran Church will at once erect \$8,000 edifice on corner of Orange St. and Tennessee Ave.

MIAMI.—Bids for the erection of a public school building will be received by the secretary of the Board of Public Construction of Dade County, Miami, Fla., not later than Sept. 6, 1910, 11 a. m. Plans and specifications may be had from W. G. DeGarmo, Architect, Miami, Fla.

OCALA.—Mrs. Dorothy C. Edwards, owner of the Ocala House, will make extensive improvements. Between \$15,000 and \$20,000 will be spent in remodeling the hotel.

PENSACOLA.—Congress has appropriated \$25,000 for remodeling naval hospital.

Pensacola Yacht & Motor Boat Club will erect a club house.

TAMPA.—Plans for Tampa Union Station, to be ready for bidders August 10.

Robert Mugge will erect a three-story brick restaurant and hotel building. Cost, \$18,000.

WHITE SPRING.—City is considering \$5,000 bond issue for erection of school. G. S. Mabley, Mayor.

GEORGIA

CARLTON.—Citizens have voted \$5,000 bonds to erect school.

ILLINOIS

CHICAGO.—Pond and Pond, 17 Van Buren St., have completed plans for erection of \$45,000 apartment house at 62 Elm St. for Mrs. A. H. Monroe.

John J. Fisher of Peabody, Houghteling & Co. will erect residence in north end of town.

B. H. Marshall of Marshall and Fox, 164 Dearborn St., archi-

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We have perfected a stationary vacuum cleaner in which all the handicaps of old style machines are completely overcome.

It is adapted for installation in homes, stores, churches or larger buildings. It is the simplest, most efficient and economical one-sweeper cleaner made.

This cleaner is just as necessary as the heating plant and lighting system. It is the utmost in vacuum cleaners. We call it the

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Fully protected by our own BASIC patents and licensed under the original Kenney Patent.

NOTE HOW IT DIFFERS FROM OTHER CLEANERS

The Keller-Duplex does not require a special foundation, no special permits, circuits, meters or power contracts, no sewer or water connections. Weight only 180 lbs. Height, 40 in. Floor space, 23 inches diameter. An ordinary workman can easily install it.

Ordinary vacuum cleaners of one-sweeper capacity are equipped with a motor of 1 HP or larger, connected to the pump by means of reducing gears, belts or chains. So much friction is responsible for a great loss of power—often 75 per cent.

The Keller-Duplex is equipped with our improved vacuum pump, directly connected to the motor by ball bearing eccentrics. The friction is eliminated and the result is 95% efficiency in our pump and power transmission.

It is operated by a motor of only 1/2 HP, therefore it is the only cleaner approved by Insurance authorities and electric stations for operation

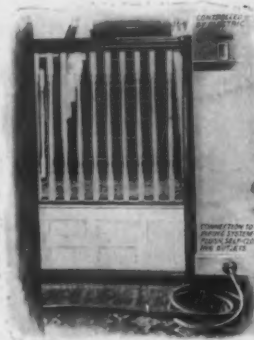
on the ordinary electric lighting circuit. It will do as thorough work as any other cleaner requiring a motor of 1 HP or larger.

It is automatic in operation, preventing the overloading of motor without the aid of auxiliary mechanism. It requires no attention but oiling twice a year. The cost of operation is less than 4 cents per hour.

It is controlled from all floors by push button as easily as turning on or off an electric light. All dust, dirt, grit and other destructive material is whisked through the hose and down the piping into the cleaner in the cellar.

The Keller-Duplex can be furnished with electric or water motor, or can be equipped for operation with gas or gasoline engine or by belt from a line shaft.

WRITE FOR DESCRIPTIVE BOOKLET.



Keller Manufacturing Co.,

Dept. 2-CT

Philadelphia, Pa.

fects, will erect ten-story apartment house in fall on Lake Shore Drive.

Addressograph Co., Peoria St., is considering erection of \$20,000 addition to plant.

DECATUR.—Morehouse and Wells have selected plans for erection of building on Main St. B. S. Brooks, City, and R. B. Williamson, Chicago, architects.

MOLINE.—Moline Club will erect club house in future on Eighth Ave. W. R. Moore, Chairman, Special Committee.

INDIANA

ANDERSON.—City has purchased site for erection of city hall.

CAMBRIDGE CITY.—Methodist Congregation has decided to erect edifice on West Main St. Rev. J. E. Coffin, pastor.

ELKHART.—W. W. Schneider, South Bend, is preparing plans for erection of passenger and freight station for Chicago, South Bend & Northern Indiana Railway.

ELKHART.—L. C. Wells will erect residence on East Beardsley Ave. E. H. Turnock, architect.

EVANSVILLE.—Plans have been prepared for erection of proposed plant for Vulcan Steam Shovel Co. Geo. Steedman, General Manager.

EVANSVILLE.—Plans for building at Eighth & Main Sts. are being prepared by Cook Brewing Co.

A concrete hospital at Riverside Ave. and Sycamore St. will be built by Dr. Will Gilbert. Plans have been made by H. C. Brubaker, Chicago, architect, and bids are now being received at the offices of Clifford Shopbell, Furniture Bldg. The building will be of three stories.

FAIRMOUNT.—Fairmount Academy will enlarge present school building at cost of \$13,000.

JEFFERSONVILLE.—Pittsburg, Cincinnati & Chicago Railway Co. will rebuild freight depot.

LOGANSPORT.—Architects Bacon and Griswold, Michigan City, will prepare plans for erection of \$30,000 edifice for First Baptist Church. Rev. J. F. Frazer, pastor.

NEW PARIS.—Jefferson Township School Board has decided to erect school.

PENNVILLE.—Architect Chas. Houck, Bluffton, will prepare plans for erection of \$40,000 school house.

SOUTH BEND.—Freyermuth & Maurer, Warner Bldg., are preparing plans for detention hospital.

SOUTH BEND.—Hungarian Societies have accepted plans by Freyermuth & Maurer for erection of \$25,000 club house on Chapin St.

IOWA

DES MOINES.—J. P. & Eugene Butler will build three apartment houses in West Des Moines at a cost of \$75,000. Plans have been prepared by Proudfoot, Bird & Rawson, Plym Bldg Buick Automobile Co., Flint, Mich., will erect four-story building on Walnut St., west of Eighth.

SIoux CITY.—Plans have been completed for the erection of a Catholic School to cost \$40,000.

KANSAS

FREDONIA.—Santa Fé Railroad will erect \$22,500 depot in this city.

KENTUCKY

HOPKINSVILLE.—Bids will be received until noon, Aug. 15, for erection of high school. John T. Waller, Louisville, Supervising Architect. J. E. McPherson, Secretary, School Board.

LOUISVILLE.—Courier-Journal Job Printing Co. will erect six-story \$75,000 building on Green St.

LOUISVILLE.—Montenegro-Riehm Co. will erect business building at Third and Walnut Sts.

PARIS.—Plans for establishment of city hospital are being considered.

LOUISIANA

ANGIE.—Citizens have voted tax to erect school building.

BUNKIE.—\$15,000 school to be built.

COTTONPORT.—Bids will be received until 12 o'clock noon, August 10, 1910, for a two-story frame school building, according to plans and specifications, which can be obtained at the office of Favrot & Livaudais, Ltd., Architects, No. 839 Gravier St., New Orleans, La.

GREYNA.—Sealed bids will be received until August 15 by the

School Board of Jefferson Parish, Gretna, La., for the building of a brick schoolhouse in accordance with plans and specifications by Messrs. Stevens & Nelson Co., 1109 Hennen Bldg., from whom they may be obtained.

NEW ORLEANS.—Architect Christy has completed plans for erection of \$12,000 engine house at Carrollton Ave. and Moss St.

NEW ORLEANS.—Arthur McGuirk will erect \$45,000 residence on West Park Place. S. R. Duval, Architect, N. O. National Bank Bldg.

ST. MARTINSVILLE.—Bids will be received until August 8 for erection of two-story-and-basement brick school; Favrot & Livaudais, Ltd., 839 Gravier St., New Orleans, architects.

THIBODAUX.—Bids will be received until 12 o'clock noon Wednesday, September 14, 1910, for the alterations and additions to the two-story brick courthouse, according to plans and specifications and conditions for estimating, which can be obtained at the office of Favrot & Livaudais, Ltd., Architects, No. 839 Gravier St., New Orleans, La.

MARYLAND

BALTIMORE.—Plans for \$25,000 branch Enoch Pratt Free Library, to be erected at Taylor and Gorsuch Aves., Waverly, have been finished by Archer & Allen, architects, Central Savings Bank Bldg.

Congregation of Grace Protestant Episcopal Church at Elkridge Landing will soon receive bids for construction of \$12,000 church.

Hampden-Woodberry Neighborhood Association, Mrs. Donald Hooker, President, will soon award contract for the erection of Neighborhood Club building at Third St. and Falls Rd., Hampden, cost about \$30,000. Wyatt & Nolting, architects, Keyser Bldg.

Architect Howard Sill, 11 E. Pleasant St., is preparing plans for \$10,000 residence to be erected on the University Parkway, Roland Park, for J. Ross Myers.

Cottage will be erected for Henry Worthington at corner of Hawthorne Road and Carsdale Ave., to cost \$8,500. Plans are being prepared by Architect Herbert C. Aiken, 213 N. Calvert St.

Edward W. Gorman will build three two-story brick dwellings on Augusta Ave. Cost about \$5,000. F. E. Beall, architect, 213 St. Paul St.

BALTIMORE.—G. Howard White, manager of the Walbrook Land Corporation, will soon begin the erection of several two-story houses.

Edward L. Palmer is preparing plans for residence to be erected at Roland Park to cost \$6,500.

John T. Donohue will build 18 two-story brick dwellings on Hare St., between Eastern and Canton Aves., cost \$20,000.

William F. Lamden will build eight two-story brick dwellings on Eighth St., between Edmondson and Harlem Aves. Cost \$24,000. J. F. Gerwig, 210 E. Lexington, is the architect.

BALTIMORE.—Chas. H. Stoner will erect six two-story brick dwellings on Brice St. Cost \$8,500. Jacob F. Gerwig, 210 E. Lexington St., architect.

Washington, Baltimore and Annapolis Railway Co. will enlarge freight terminal station on Lombard St.

BALTIMORE.—Plans are being drawn for residence for Jas. W. Crook.

BALTIMORE.—John Mueller will build 12 two-story brick dwellings on Lombard St., between Catherine St. and Wilkens Ave. Cost, \$15,000. Plans by S. Gordon Hopkins, Architect.

H. C. Aiken, Architect, 213 N. Calvert St., is drawing plans for a \$6,000 residence to be erected in Roland Park.

J. E. Laferty, 11 Pleasant St., is preparing plans for a new moving-picture theater to be erected at 1105 North Broadway. S. S. Foote is having plans made by Glidden & Friz, Architects, for residence at Roland Park. Cost, \$6,000.

BALTIMORE.—Russell R. Macgill is having plans prepared by Walter M. Gieske, Equitable Bldg., for a 2½-story frame residence at Ten Hills.

G. J. Riordan is having plans prepared by John R. Forsythe, 232 St. Paul St., for two three-story brick dwellings on Park Ave.

BALTIMORE.—E. M. Beard, Independent Ice Co., will erect residence near Winchester Station.

William E. Cole is having plans made by Ellicott & Emmert, architects, for 20,000 residence to be erected at Roland Park.

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AGENCIES IN ALL PRINCIPAL CITIES

Haskell & Barnes, 301 N. Charles St., have finished plans for improvements to Maryland Avenue Presbyterian Church, at Maryland Ave. and Twenty-fifth St.

George C. Goldman will build 10 two-story brick dwellings on Lamont Ave., to cost about \$10,000. Jacob F. Gerwig, 210 E. Lexington St., architect.

ROCKVILLE.—County will erect two schools at cost of \$10,000.

MASSACHUSETTS

ARLINGTON.—Voters have appropriated \$5,000 for school addition.

GLOUCESTER.—New hospital to be erected at Middle & School Sts. Dr. H. H. Choate.

HOLYOKE.—Edw. Cadjeux will erect large apartment block in Springdale. Oscar Beauchemin, architect.

LENOX.—St. Ann's R. C. Church is planning to erect \$50,000 edifice on Main St.

TAUNTON.—Bids will be received until Aug. 9, for erection of addition to Insane Hospital. Kendall, Taylor & Co., Boston, architects.

WRENTHAM.—Bids will be received until 1 p. m., Aug. 5, for erection of employees' building at State School. Kendall, Taylor & Co., 93 Federal St., Boston, architects. A. L. Harwood, Chairman, Trustees.

SOUTH LAWRENCE.—Architects Ashton and Huntress have prepared plans for erection of \$90,000 school at Osgood and Andover Sts.

WORCESTER.—Masonic Bodies are considering erection of \$125,000 temple on Mowry Ave.

MICHIGAN

BAY CITY.—Committee has set aside \$5,000 for hospital.

MINNESOTA

HIBBING.—Citizens have voted \$20,000 bonds to erect school house in Alice and \$10,000 for erection of another school.

MISSISSIPPI

COLUMBIA.—New Orleans and Great Northern Railroad will at once erect depot.

MISSOURI

FULTON.—Chicago & Alton R. R. are contemplating erection of \$15,000 depot.

KANSAS CITY.—Kansas City Board of Trade has decided to erect eighteen-story \$250,000 office building at Twelfth St. and Baltimore Ave.

MARSHALL.—Local Eagles are planning to erect building at Jefferson and Marion Sts. Dr. W. B. Welch is interested.

SPRINGFIELD.—Green County has decided to erect \$225,000 court house. T. K. Bowman, Superintendent.

MONTANA

HAMILTON.—Plans for a brick fireproof garage for the Marcus Daly estate have been drawn by Keith & Whitehouse, architects in the Empire State building, Spokane, Wash.

NEBRASKA

BEATRICE.—Mayor Rutherford will soon begin the erection of a building on S. Fourth St. to be used by the Blue Valley Mercantile Co. The structure will cost \$12,000.

NEW JERSEY

BAYONNE.—Mount Vernon Lodge, No. 176, I. O. O. F. is considering erection of building on Broadway.

BURLINGTON.—School Board will issue bonds for erection of high school.

CAMDEN.—Board of Education has asked for bids for erection of three-story manual training school at Eighth and Chestnut Sts.

CAMDEN.—Sealed proposals will be received at the office of the secretary of the Board of Education, Room 12, City Hall, on Monday evening, August 8, 1910, at 8 o'clock p. m., for furnishing all material and labor necessary for the erection of a school on Chestnut St.

ELIZABETH.—Architect C. Godfery Poggi, 2 Julian Place, has prepared plans for erection of residence on Jersey Ave.

ELIZABETH.—Supervising Architect George E. Poole, of Trenton, has plans for the proposed battalion armory at Walnut St. and Magnolia Ave. Plans not yet approved.

JERSEY CITY.—Edward A. Murphy, 232 Erie St., will erect \$10,000 apartment house at 207 Thirteenth St. Cost \$10,000.

JERSEY CITY.—Fire Board has approved plans by Robert Morrison for erection of fire engine house at Bergen and Van Nostrand Aves. Cost \$25,000.

Plans have been completed by Architect Albert E. Pia, 441 Fairmount Ave., for erection of \$20,000 apartment house on Duncan Ave. for Charles Thomas of 772 West Side Ave.

Robert Quinlan of 322 Fourth St. will erect \$5,500 two-family house on Dwight St., from plans made by Architect Thomas W. Biddle.

Architects H. Peck and M. Provost of 25 Madison Square, New York City, have completed plans for Pathe Freres of 41 W. Twenty-fifth St., Manhattan, for the erection of \$20,000 studio building on the corner of the Paterson Plankroad and Congress St.

NEWARK.—Wallace M. Scudder will erect \$60,000 residence at Ballantine Parkway and Parker St. Frederic Bigelow, 857 Broad St., architect.

Geo. E. Heller will erect \$16,000 residence at Elwood Ave. and Ridge St. from plans by Herman Metzger, 240 Market St.

Hooper & Co., 118th Market St., have completed plans for erection of apartment house at Pacific and Garden Sts., for C. Feigenspan.

NEWARK.—McMurray & Pulis, 22 Clinton St., Architects, are ready for estimates for the Kilburn Memorial Church, to be erected at the corner of Norwood St. and S. Orange Ave., Vailsburg. Cost, \$30,000.

Charles E. Lipps will build four-story and basement apartment at 63 Wallace Place, after plans drawn by Robert Sellick, 222 Market St. Cost, \$14,000.

A. Barxon is to build a three-story frame and stucco store and dwelling. Cost, \$10,000. Hyman Rosensohn, 745 Broad St., Architect.

Frederick Nobbe is preparing plans for a 2½-story single-family frame dwelling, to be built on Oakland Ave., near S. Orange Ave. Cost, \$6,000.

Cohen & Bessman are receiving estimates for six 2½-story frame dwellings. Cost, \$5,000 each. Also three-story frame and stucco store and dwelling; cost, \$10,000.

PATERSON.—Garage, cost \$10,000, will be erected on Lake St. Jos. Martin is interested.

PLAINFIELD.—Union Grain Co., A. I. Smalley, president, will build storehouse.

RIDGEFIELD PARK.—Ernest Sibley of Palisade has been chosen by Board of Education as Supervising Architect for the construction of School No. 4, to be built on Lincoln Ave.

TRENTON.—Bids will be received until noon, Aug. 8, for erection of addition to women's wing. S. W. Kirkbride, supervisor.

WEST HOBOKEN.—B. Bisaccia, 418 Malone St., will erect stone and apartment building, cost \$30,000, at Malone St. and Summit Ave. Frederick Hensel, architect.

NEW MEXICO

MAGDALENA.—Magdalena Camp No. 62, Woodmen of the World, is planning to erect lodge building. Dr. R. A. Thomas, Consul Commander.

TIERRA AMARILLA.—Bids will be received until 4 P. M., Aug. 15, for erection of court house. I. H. and W. M. Rapp Co., Santa Fe, architects. Martin Lopez, Chairman, County Commissioners.

NEW YORK

BUFFALO.—Repair of city hospital, Spring St. and Broadway, at cost of \$15,000, is being considered.

CLAYTON.—Hospital Association has decided to erect building.

NEW YORK.—P. H. Kearney, 506 W. Twenty-seventh St., will erect six-story office and loft building, cost \$30,000, on Twenty-seventh St. W. H. Orchard, 122 W. Forty-second St., architect.

NEW YORK.—Medical College of New York Homeopathic College will spend \$40,000 in improvements. Raymond F. Almirall, 51 Chambers St., architect.

NEW YORK.—The Hotel Woodstock, at 127 W. Forty-third St., near Sixth Ave., is to be enlarged by the addition of a twelve-story extension. Cost is estimated at \$250,000 by architects Mulliken and Moeller, 103 Park Ave., architects.

Plans have been filed by Gronenberg & Leuchtag, architects, for building two six-story brick fireproof buildings for light manufacturing for Greenwich Investing Co. on Greenwich St. Cost \$50,000.

NEW YORK.—City will erect \$10,000 garage on Twenty-fifth St. I. M. de Varona, Architect.

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NEW YORK.—De Forest Estate Corporation, 66 Broadway, will erect twelve-story \$200,000 commercial building at Fourth Ave. and Thirty-first St. Hertz and Tallant, 113 E. 119th St., architects.

C. I. Weinstein Realty Co., 1267 Fifth Ave., will erect seven-story brick store and lofts on Varick St. Cost \$60,000. G. F. Pelham, 507 Fifth Ave., architect.

Brick church, cost \$25,000, will be erected at 568 Broome St. Rev. J. Shestocao, 7 Vandam St., pastor. H. G. Wiseman, 104 W. Forty-second St., architect.

Hemy N. Knesel, 107 Decatur St., Brooklyn, will erect four-story store and office building, cost \$7,000, at 60 Park Place. Kafka and Lindenmeyer, 37 E. Twenty-eighth St., architect.

Wells, Fargo & Co., 57 Broadway, will erect \$75,000 transfer station on Twenty-sixth St. LeFarge & Morris, 25 Madison Square, North, architects.

NEW YORK.—I. H. Olsen, 1169 Fox St., will erect seven-story brick loft building on Twenty-ninth St. Cost \$150,000. A. H. Olsen, 2708 Heath Ave., architect.

J. Rothschild, 31 W. Fifty-seventh St., will erect four-story \$10,000 brick loft and store building at 106 Fifth Ave. J. Woolley, 100 Fifth Ave., architect.

John B. Dosso, 1742 Adam St. will erect \$6,000 dwelling on Rose St. B. Ebeling, 1136 Walker Ave., architect.

Century Holding Co., 141 Broadway, will erect twelve-story \$250,000 brick apartment building at 998 Fifth Ave. McKim, Mead and White, 160 Fifth Ave., architects.

NEW YORK.—Plans have been filed by Crow, Lewis & Wickenhoefer, Architects, of 160 Fifth Ave., for making addition to tuberculosis pavilion of Vanderbilt Clinic, Sixtieth St. and Amsterdam Ave., to cost \$6,000.

Plans have been filed by Superintendent Miller for two warehouses to be built on the northwest corner of Avenue B and Nineteenth St., to cost respectively \$19,000 and \$16,000. Owner, John M. Brookman, of Esopus, Ulster County, New York.

Plans have been filed by Buchman & Fox, Architects, of 11 E. Fifty-ninth St., for a two-story brick building, on Third Ave., northeast corner of Westchester Ave., to cost \$50,000. Owner, Lachman Goldsmith, 35 Nassau St.

OWEGO.—Public Library will be erected on Main St.

POUGHKEEPSIE.—Architect P. M. Lloyd, 39 Market St., has completed plans for factory of the Pioneer Pearl Button Co. on Cottage St.

SCHENECTADY.—Board of Education is considering plans for erection of high school annex. Alderman A. T. Tinnerholm, Chairman, Council School Committee.

SYRACUSE.—Architect Edward A. Howard has completed plans and specifications for building to be erected by Austin Pattern Co. for purpose of doubling the capacity of its plant at No. 301 Wallace St.

The United States Hoffman Company has obtained plans from Architect Edward A. Howard for \$15,000 addition to its plant in Temple St.

Theodore Young has had plans prepared for a garage and salesroom which he will erect at No. 207 Noxon St.

Frank R. Sherman, Principal for Rugby School for Boys, No. 512 South Crouse Ave., will erect school on Westmoreland Ave.

SYRACUSE.—Architect Edw. A. Howard is preparing plans for erection of residence on Park Ave., for W. S. Farrington.

SYRACUSE.—Gustavus Young has completed plans for a modern business block and apartment house to be erected at Nos. 1001 and 1005 Park St. Cost \$10,000.

Cassidy & Ferriss of the Washington Heights Land Company are getting plans for the thirty modern cottages which will be erected on Washington Heights, Eastwood. The cost of each will range from \$2,500 to \$3,000 each.

TROY.—\$75,000 has been given to erect boys' club house.

UTICA.—Mohawk Valley Cap Factory has purchased land and will erect warehouse.

UTICA.—Architect Gordon A. Wright, A. O. S. C., Bank Bldg., Syracuse, has prepared plans for erection of office building on Broad St. for Frisbie & Stansfield Knitting Co.

NORTH CAROLINA

GREENSBORO.—Board of Education is considering erection of school.

Y. M. C. A. has decided on plans for erection of three-story building.

WILMINGTON.—Seaboard Air Line Co. will at once erect warehouse.

OHIO

AKRON.—Erection of high school in North Hill is being urged.

AKRON.—Commercial Printing Co. has purchased site on W. Exchange St. for erection of plant.

ASHLAND.—Architect F. L. Packard, Hayden Bldg., Columbus, will be ready for figures in a couple of weeks for the \$100,000 hospital building.

COLUMBUS.—Architect J. A. Jones, Despatch Annex, is drawing plans for an eight-room residence to be erected on Eastwood Ave.

CLEVELAND.—S. M. Gross will erect \$15,000 residence on East Boulevard.

CLEVELAND.—\$250,000 bond issue for tuberculosis hospital has been passed.

COLUMBUS.—Y. M. C. A. is planning to erect \$30,000 building at 64 South Fourth St.

EAST YOUNGSTOWN.—Bids will be received until noon, Aug. 23, for erection of school. R. F. Thompson, architect. D. C. Hamilton, Mayor.

GIRARD.—The Girard Savings and Banking Co. has accepted the plans of Architects Ford & Miller, Dollar Savings Bank Bldg., for new bank block to be erected within the next few months.

MARYSVILLE.—Plans have been filed for Marysville Armory. R. I. Williams, Architect. Bids close at noon, August 1.

MASSILLON.—Sealed proposals will be received by the Board of Trustees of the Massillon State Hospital, until twelve o'clock noon, August 23, for the erection of a cow barn at the Massillon State Hospital. Plans and specifications, bills and estimates, prepared by Frank L. Packard, architect, Columbus.

PORTSMOUTH.—Plans have been filed for Portsmouth school. Bids close August 11. Albert Pretzinger, Dayton, Architect.

PERRY.—Sealed proposals will be received at the office of the clerk of the Board of Education for building a school house on the school house lot situated in school district No. 8.

WAPAKONETA.—Waynesfield residents have voted \$18,000 bonds to erect school.

WASHINGTON C. H.—Citizens have voted \$100,000 bonds with which to build \$75,000 high school building and \$20,000 graded school building.

YOUNGSTOWN.—Architects Miller and Ford, Dollar Savings Bank, have completed plans for erection of building at Spring Common and West Federal Sts. for Jas. M. McKay.

School Board has authorized \$250,000 expenditure for three grade school buildings and for other improvements.

YOUNGSTOWN.—Science Hill M. E. Church has decided to erect \$9,000 edifice.

YOUNGSTOWN.—Board of Education Committee on buildings and sites has selected the architects for the new school buildings to be erected. Kling & Zenk were chosen to draw plans for Brier Hill school. C. F. Owsley will make plans for the Wood St. school and R. F. Thompson will make plans for East End school.

OKLAHOMA

BIGHEART.—Plans have been prepared by A. H. Mott for erection of \$20,000 stone and brick school.

ENID.—A. A. Crowell is the architect for the Oklahoma Home for the Feeble Minded.

NOWATA.—Nowata County has voted \$75,000 bonds to erect court house.

OKLAHOMA CITY.—State Fair Association has decided to at once erect Cement Industries Building.

WOODWARD.—City has decided to erect \$60,000 high school.

OREGON

EUGENE.—Architect Y. D. Hensill has prepared plans for erection of building on Willamette St. for Northwestern Corporation.

PORTLAND.—Multnomah Club has decided to erect \$250,000 club house.

Bids will be received until Nov. 1 for erection of proposed Lincoln High School at Seventh and Mill Sts. Whitehouse and Foulhoux, architect.

Eugene Hoch is planning to erect four-story hotel at Thirtieth and Burnside Sts.

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PORTLAND.—Plans for four-story \$125,000 playhouse which Alex Pantages will erect on corner of Seventh and Alder Sts., are being prepared by Architects Emil Schacht & Son, Commonwealth Bldg.

Harry T. Nicolai, Nicolai Door Manufacturing Co., will at once erect \$50,000 plant at Kenton.

The Reed Institute has commissioned Architect L. I. Thompson to prepare plans and specifications for five-story apartment house to be erected at corner of Thirteenth and Jefferson Sts.

PENNSYLVANIA

CARBONDALE.—Bids will be received until Aug. 22 for erection of postoffice. Jas. Knox Taylor, Washington, D. C., Supervising Architect.

GIRARD.—The Board of Education, Dr. A. D. Baxter, president, will build a 2-story and basement high school building, with a wing of brick and stone; cost \$40,000. P. P. Beebe, Fredonia, N. Y., architect.

GLENSIDE.—Plans will be revised for rebuilding Carmel Presbyterian Church.

JERSEY SHORE.—Plans have been completed for erection of Masonic Temple at corner of Market and Allegheny Sts. V. T. Ritter, Williamsport, will supervise work.

McKEESPORT.—School Board is considering plans for new school in Crooked Run.

PHILADELPHIA.—City has invited bids on plans by C. B. Zilenziger, 2618 Montgomery Ave., for erection of bath house at Darien and Montrose Sts.

PHILADELPHIA.—Gill & Mercer, Drevel Bldg., architects, are preparing plans for a three-story store and dwelling at Glenside for A. S. Jordan.

Frank G. Caldwell, 1533 Chestnut St., architect, is draughting plans for two-story terra-cotta and tile dwelling on estate of E. Shirley Borden, at Brookdale.

Charles W. Bolton & Son, Witherspoon Bldg., have completed plans and invited estimates for erection of a three-story brick and terra-cotta apartment house for Houston H. Milligan, at Forty-eighth St. and Kingessing Ave.

Central Hebrew School will erect building at 314 Catharine St. Plans prepared.

PHILADELPHIA.—Koelle, Speth & Co., 2601 Oxford St., engineers and architects, are preparing plans for a one-story stone-and-brick edifice, for the Carmel German Reformed Church, at the corner of Seventy-second St. and Elmwood Ave.

W. R. Brown will build eight two-story brick dwellings on Sparks St., west of Broad. The cost will be \$16,000.

Watson & Huckel, 1211 Walnut St., architects, are preparing plans for altering the building, No. 22 South Seventh St., into a store.

PHILADELPHIA.—Evans, Warner & Biggar are planning erection of \$25,000 addition to Protestant Episcopal Church of the Redeemer, Bryn Mawr.

Site in Forty-fourth Ward will be purchased for erection of police station.

READING.—Bnei Zion Orthodox Hebrew Congregation will erect \$25,000 temple.

SCRANTON.—Architect Edw. Langley, Connell Bldg., has prepared plans for erection of seven-story addition to plant of Lackawanna Cold Storage Co., Wyoming Ave. and Ash St.

Architect Lewis Reisman, Dime Bank Bldg., has prepared plans for erection of \$10,000 moving picture theatre at 121 Penn Ave.

SCRANTON.—Architect John Feeney, of the Coal Exchange Bldg., is preparing plans for Throop Borough school. Cost, \$9,000.

SCRANTON.—Plans have been prepared by Architect John A. Duckworth, 44 Coal Ex. Bldg., for a frame dwelling to be erected on Taylor Ave., by Mrs. S. S. La Bar. Cost \$5,000.

SHAMOKIN.—Architect W. H. Lee has prepared plans for erection of theatre at Rock and Independent Sts., for Thomas Bros.

SHARON.—Polish Catholics will erect church and rectory at Wallace Ave. and George St.

WOODLAWN.—\$55,000 bond issue carried for erection of public school.

SOUTH CAROLINA

CAMDEN.—Southern and Northwestern Railway Companies will erect depot in this city.

COLUMBIA.—Y. M. C. A. is having plans and specifications prepared by Shand & Lafaye, for erection of proposed \$85,000 building.

TENNESSEE

CHATTANOOGA.—Northside Presbyterian Church is considering erection of edifice on Mississippi Ave.

COLUMBIA.—Kings' Daughters plan to erect a \$5,000 hospital.

DYERSBURG.—Bids will be received until noon, Aug. 10, for erection of court house. B. B. Davis, 609 Atherton Bldg., Louisville, Ky., architect.

TEXAS

EL PASO.—Trost & Trost are preparing plans for alteration to Krakauer, Zork & Moye Bldg. Cost, \$20,000.

The Phoenix-El Paso Building Co. has plans for a new eight-room residence, to be built on the corner of Campbell and Cliff Sts.

Trost & Trost are preparing plans for new department store, corner Texas and Stanton Sts.

HOUSTON.—Plans have been drawn by Adrian Delisle, Architect, Levy Bldg., for business building. Cost, \$30,000.

NAVASOTA.—Citizens have voted \$20,000 bonds to erect school.

PORT ARTHUR.—Southern Pacific Railroad will erect depot. Cost \$18,000.

RINGGOLD.—Proposals are invited for the construction of a school building in accordance with plans by Sparger & Peters, Architects, Bonham, Tex., to be opened in Ringgold, Tex., at 1 o'clock p. m., Aug. 10, 1910.

TEXAS CITY.—Citizens have voted \$20,000 bonds for erection of school.

YORKTOWN.—Citizens have voted to erect \$20,000 school.

UTAH

LEHI.—Bond issue of \$30,000 for erection of a new school building has been carried.

VIRGINIA

WYTHEVILLE.—Town Council is considering erection of \$10,000 school.

WASHINGTON

RAYMOND.—F. C. Shoemaker, manager of the Willapa Lumber Co., will build a \$5,000 residence on Duryea St.

SPOKANE.—Guernsey-Newton Co. is preparing plans for erection of residence on McClellan St. for John C. Seehaver.

TACOMA.—The Berlin Machine Works Co. of Beloit, Wis., contemplates building a new plant.

Citizens will vote on \$15,000 bond issue for new high school.

TACOMA.—Atlas Foundry & Machine Co. will at once erect foundry and machine shop at S. Thirtieth and Bailey Sts. Geo. C. Dupea, president.

WASHINGTON

SPOKANE.—Thomas Spencer, of the Kelley-Clarke Co., announces that his company will construct a warehouse to cost \$75,000.

WEST VIRGINIA

FAIRMONT.—Fairmont Mining Machine Co. will erect new plant.

HAMLIN.—Lincoln County will vote in November on \$100,000 court house bonds.

WISCONSIN

BANGOR.—The County Board has voted \$5,000 for a tuberculosis hospital at the county farm.

MILWAUKEE.—Albert Randolph Ross, 16 E. Twenty-second St., N. Y., has won competition for \$250,000 police station.

MILWAUKEE.—Koehring Machine Co. will erect number of new buildings in near future.

RED GRANITE.—The taxpayers of Red Granite have voted to erect a new \$12,000 schoolhouse.

ALASKA.

SITKA.—Woman's Board of Home Missions of Presbyterian Church will erect group of buildings at Sheldon Jackson Memorial School. Ludlow & Peabody, 12 W. Thirty-first St., New York City, architects.



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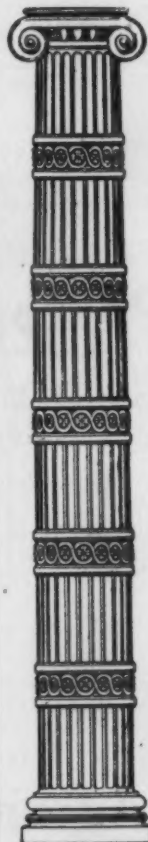
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PROPOSALS

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 20, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 1st day of September, 1910, and then opened, for painting, etc., at the United States Post Office, Court House, etc., at San Francisco, Cal. in accordance with the drawings and specification, copies of which may be had from the Custodian at San Francisco, Cal., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 31st day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Olean, N. Y., in accordance with drawings and specification, copies of which may be obtained from the custodian of site at Olean, N. Y., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 14, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 25th day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Marlboro, Mass., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Marlboro, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 16, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 29th day of August, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Bradford, Pa., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Bradford, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 26th day of August, 1910, and then opened, for the installation of a steam heating and ventilating apparatus, etc., for the United States Post Office building at St. Louis, Mo., in accordance with the drawings and specification therefor, copies of which may be had at this office or at the office of the superintendent of construction at St. Louis, Mo., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1805-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 30, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 19th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Plattsmouth,

Neb., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Plattsmouth, Neb., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 28, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 9th day of September, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office and Custom House at Port Arthur, Texas, in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Port Arthur, Tex., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 29, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 13th day of September, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at York, Pennsylvania, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at York, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 27, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 7th day of September, 1910, and then opened, for the steel furniture for vaults in the U. S. Post Office, Custom House and Court House, Cleveland, Ohio, in accordance with drawings and specification, copies of which may be had at the office of the Architect, Arnold W. Brunner, 320 Fifth Avenue, New York City, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 25, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 6th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at San Marcos, Texas, in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at San Marcos, Tex., or at this office at the discretion of the Supervising Architect.—William Knox Taylor, Supervising Architect. (1806-7)

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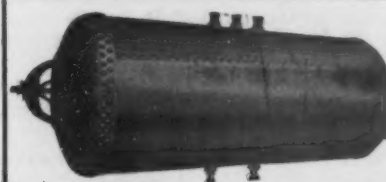
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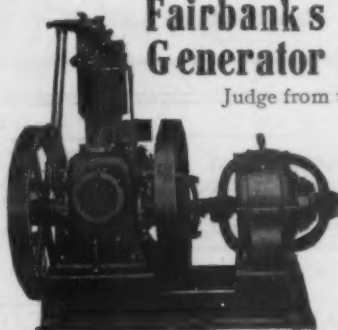
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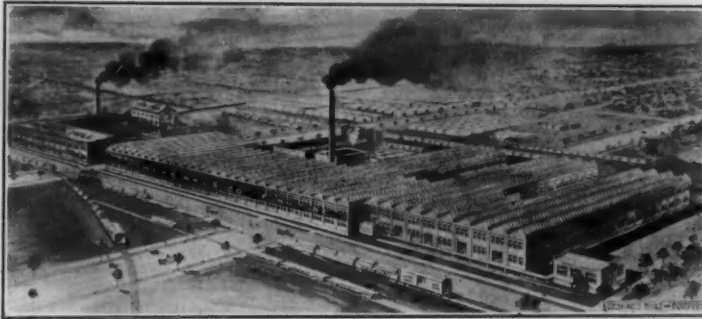
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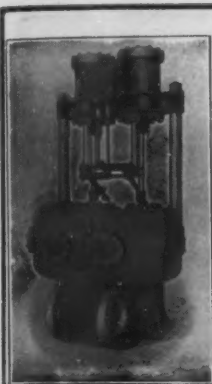
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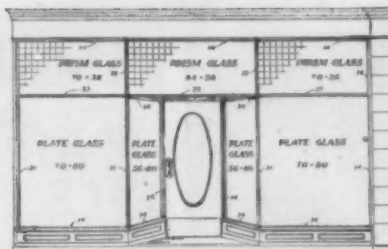
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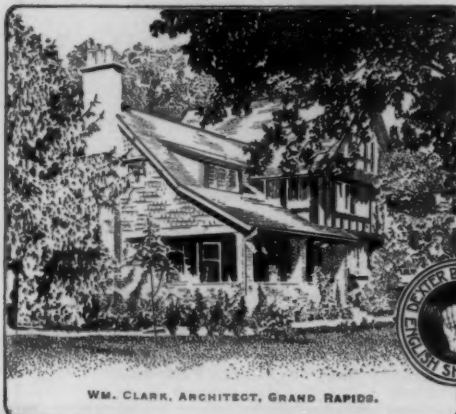
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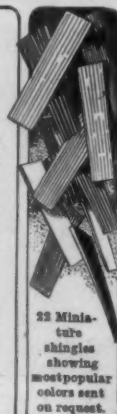
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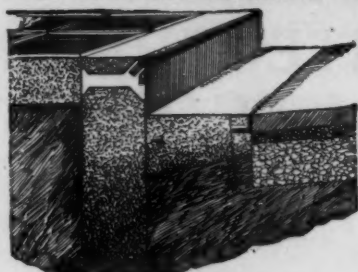
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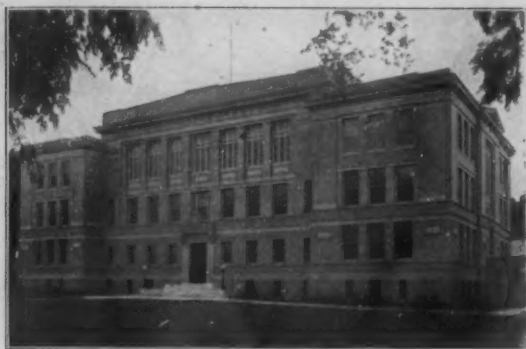
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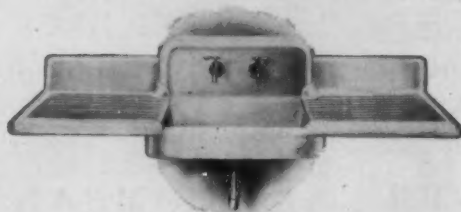
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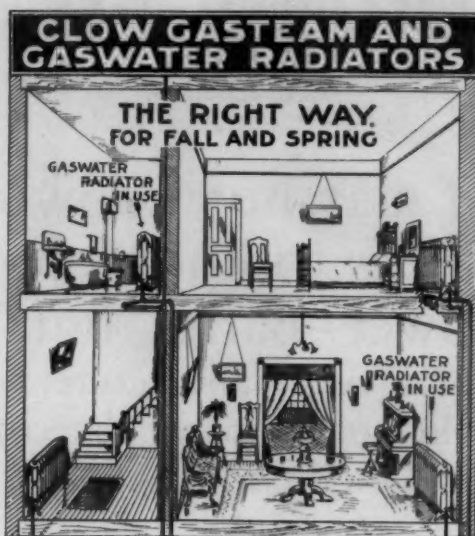
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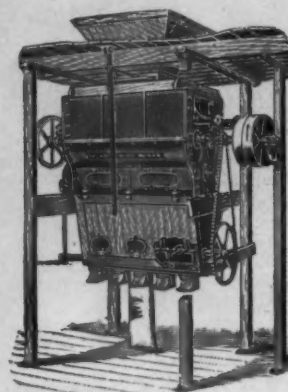
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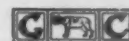
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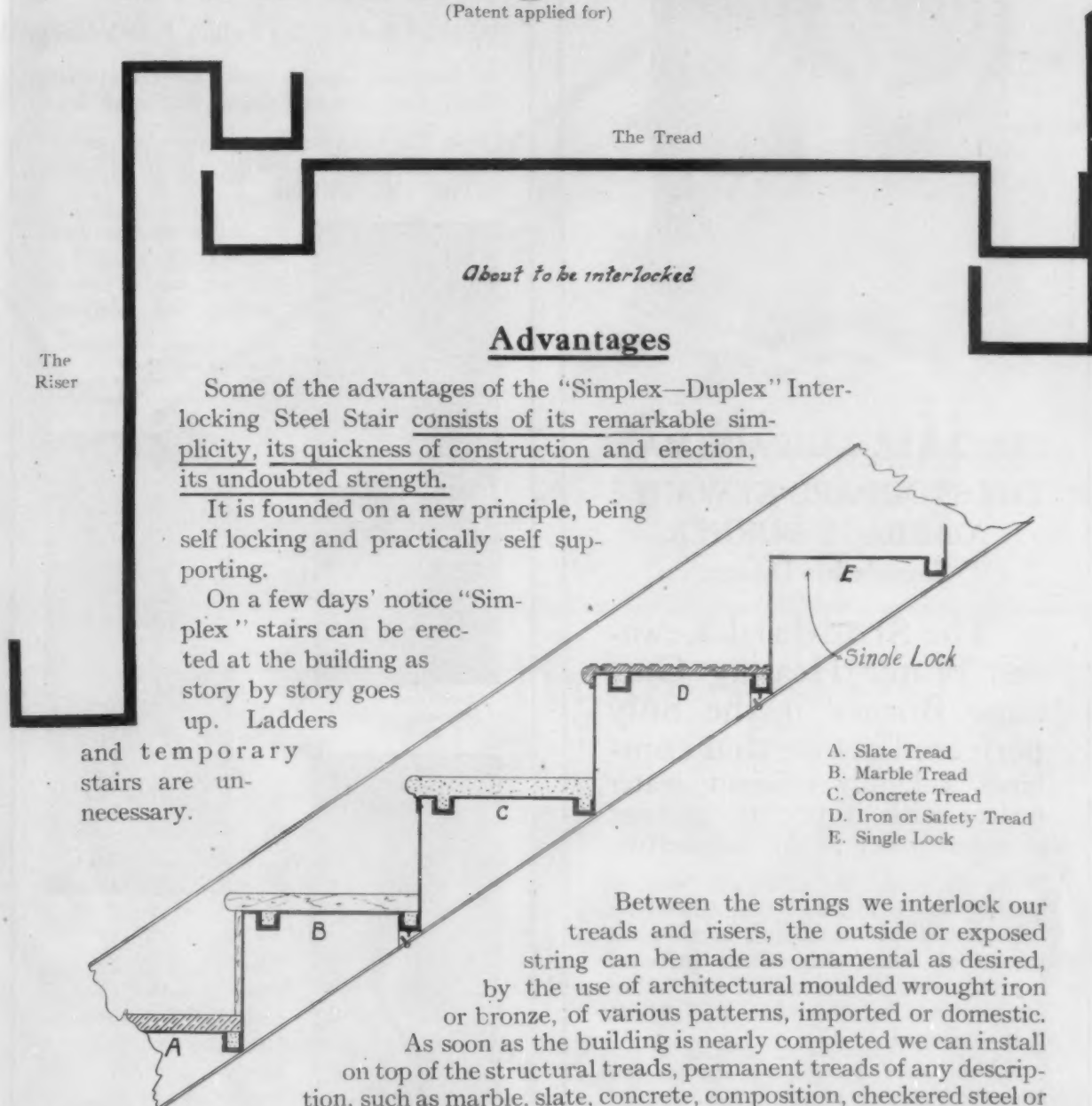
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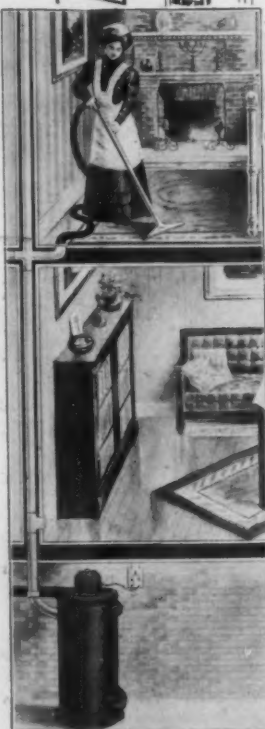
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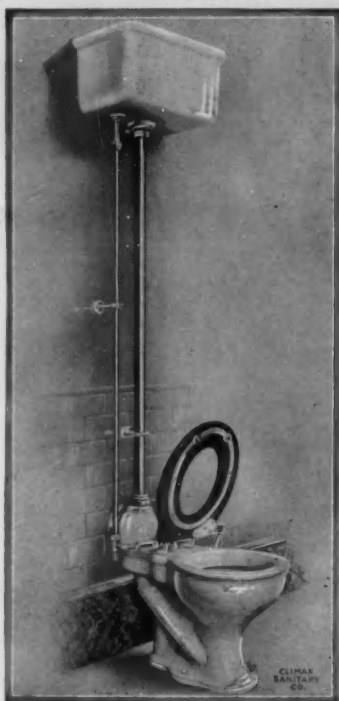
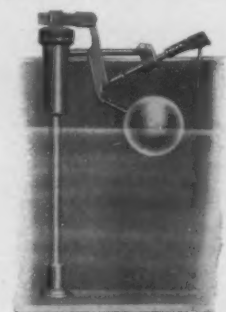


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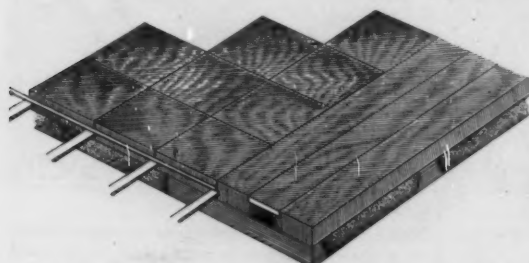
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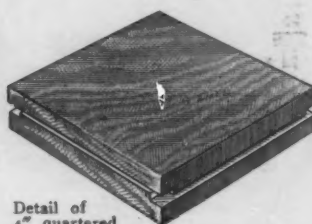
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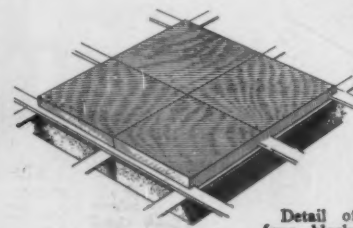
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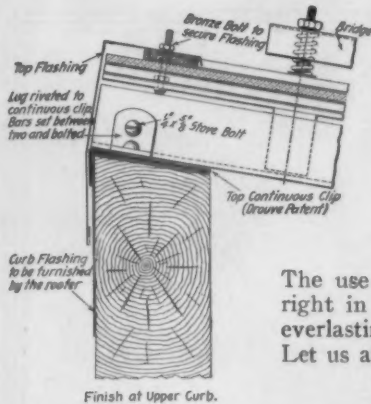
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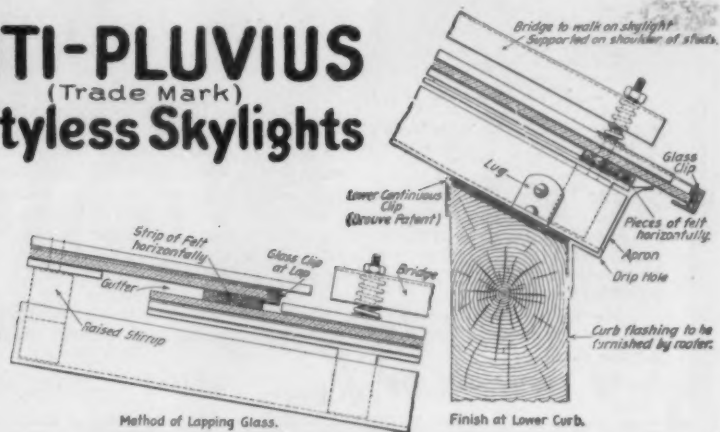
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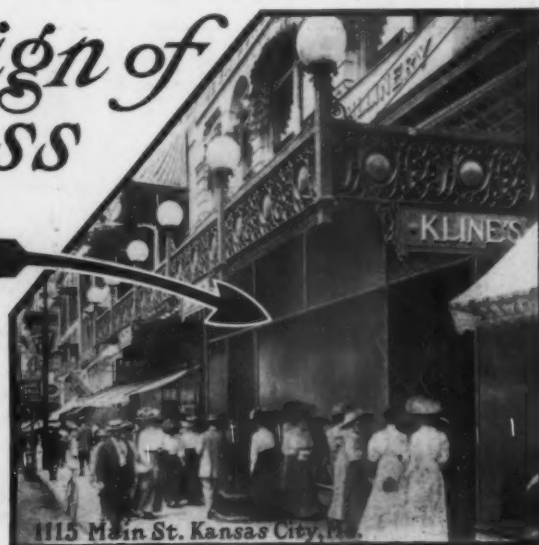
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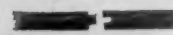
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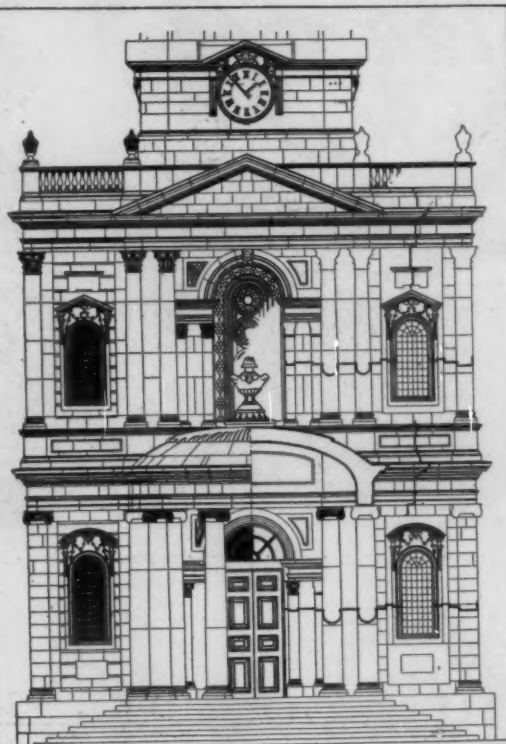


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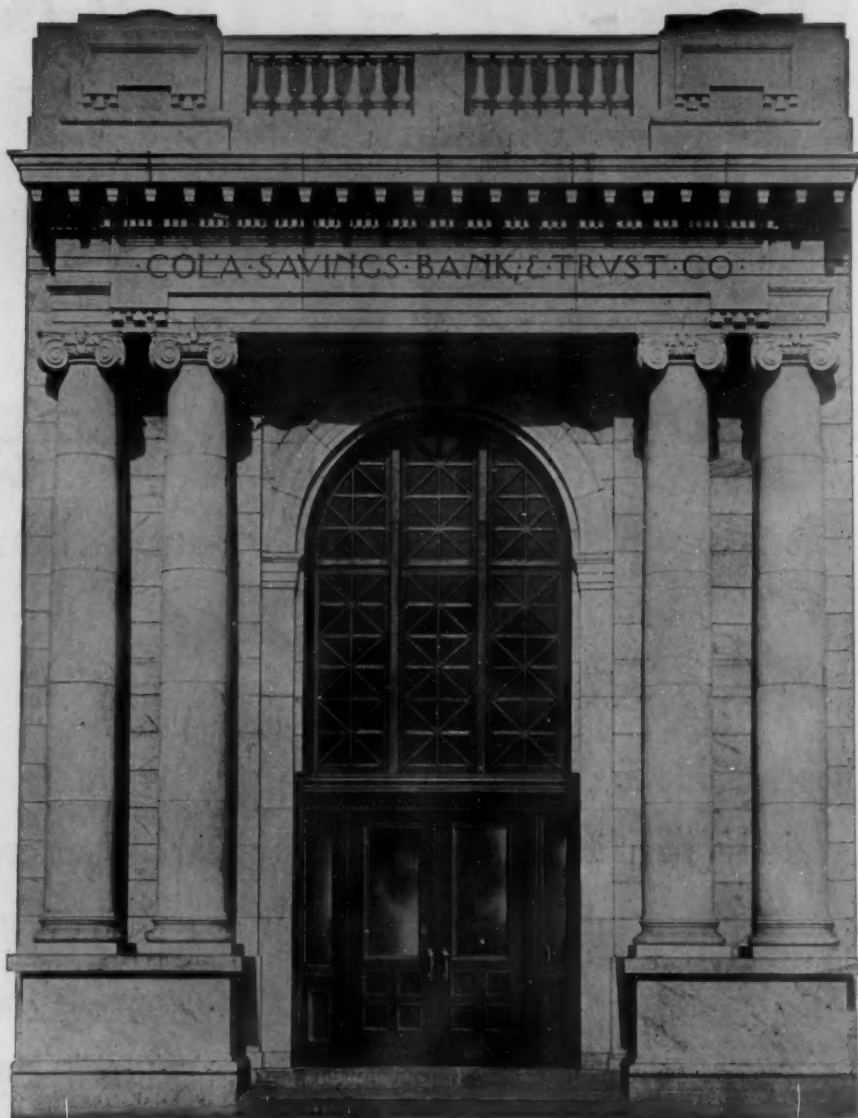
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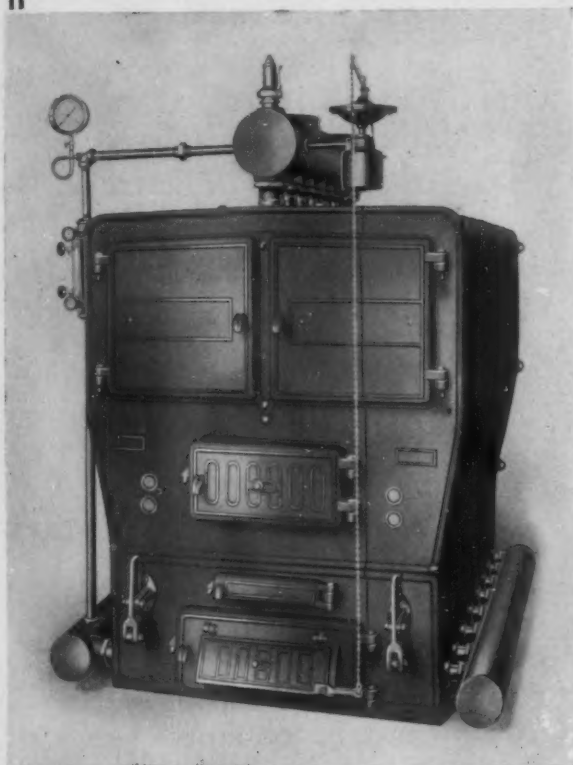
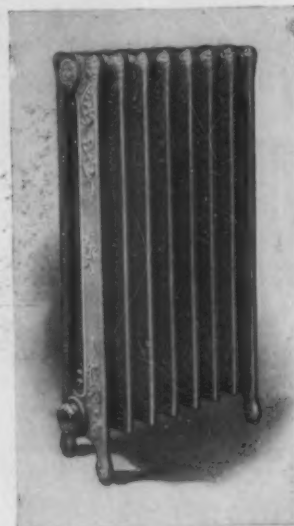
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Phosphorus	.094%	.005%
Carbon	.110%	.020%
Manganese	.470%	Trace
Silicon	Trace	Trace

Corrosion Test: Samples immersed in a five per cent solution of Sulphuric Acid for twenty-four days.

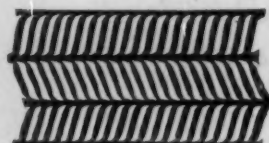
Loss of Steel 14.41%

Loss of American Ingot Iron 00.21%

The above material is very exceptional for its purity, and is the most non-corrosive material that I have ever examined.

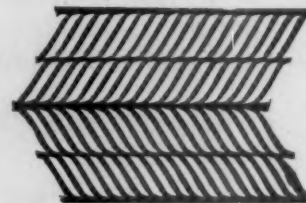
Prof. Wm. McPherson,
Ohio State University,
Columbus, Ohio

NOTE.—In this test the steel lost seventy times as much as the AMERICAN INGOT IRON in the same acid for the same length of time.



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THE above shows a typical instance of a Barrett Specification Roof that has been exposed to fire. The building below was completely gutted by an internal conflagration, partitions burned out, floors dropped away, and most of the roof support was consumed. The section of the roof in the distance was left supported only by a few charred timbers, yet large stretches of the roof are still intact and plainly acted as a blanket over the flames.

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A Barrett Specification Roof is so constructed that flame consumes it only very slowly. Such roofs have saved many buildings from total de-

struction. The Barrett Specification calls for five plies of felt thoroughly mopped with pitch and heavily coated with gravel or slag, and such a roof is recognized by fire underwriters as having remarkable fire retardant properties.

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WORKINGMEN'S HOUSES IN HUNGARY. By Robert Fleischl. 4 pages, illustrated. *The Western Architect*, July, 1910.

M. D. Metcalfe Made Deputy to New York State Architect

Mortimer D. Metcalfe has been appointed by State Architect Ware as his first deputy at a salary of \$5,000. He succeeds Francis Oliver, who resigned.

San Francisco Chapter, A. I. A.

The regular quarterly meeting of the San Francisco Chapter, A. I. A., was held on July 21.

Mr. Henry Hornbostel and his associate, Mr. S. W. Jones, were present as guests of the chapter. Mr. Hornbostel addressed the chapter at some length. Resolutions were adopted congratulating the Mayor and Board of Public Works, Oakland, upon the very satisfactory way in which the recent Oakland City Hall competition had been conducted.

Masonic Grand Lodge Committee Names Winners in Competition

Announcement is made of the award by the Committee on Homes of the Masonic Grand Lodge of Pennsylvania in the prize competition for the new Masonic Home in Lancaster county. The first prize, which carries with it the privilege of carrying out the work, and a special prize fee of \$800, was awarded to Messrs. C. C. Zantzing & C. L. Borie and M. B. Medary, associated.

Historic Building Saved

It is with satisfaction we note that the old Black Horse Tavern at Cannonsburg, Pa., is to be saved.

This building, associated with memories of General Washington and General Braddock, and the scene of many stirring events during and after the War of the Revolution, has been deeded to the Pennsylvania Society of the Sons of the Revolution.

Other buildings of similar interest and importance as relics of the revolutionary period it is to be hoped can be preserved. They are fast disappearing and their loss is not only deplored by the present generation, but will serve as a reproach to us by the generations to come.

INDUSTRIAL

Interlocking Steel Stairs

The New York Bridge & Iron Company, of 18 West Thirty-fourth street, New York, are manufacturers of Simplex-Duplex Interlocking Steel Stairs, for which they claim many advantages.

A feature of these stairs is that they can be erected story by story as the building progresses, thus doing away with the usual ladders and temporary stairs. As soon as the building nears completion and the danger of wear and damage incident to construction has passed, permanent treads of any description can be in-

stalled, and the outside or exposed string receive any ornament desired. The makers guarantee a dead load of 100 pounds to the square foot, and state that these stairs will carry double that load.

The New York Bridge & Iron Company will supply blue print details and other information to architects on application.

Veneered Doors

The Rock Island Sash & Door Works, of Rock Island, Ill., have issued an illustrated pamphlet describing the "Crown" doors in veneered hard woods, manufactured by them.

These are made up in many kinds of woods and so manufactured as to be ready for either natural or the many stained finishes when leaving the factory.

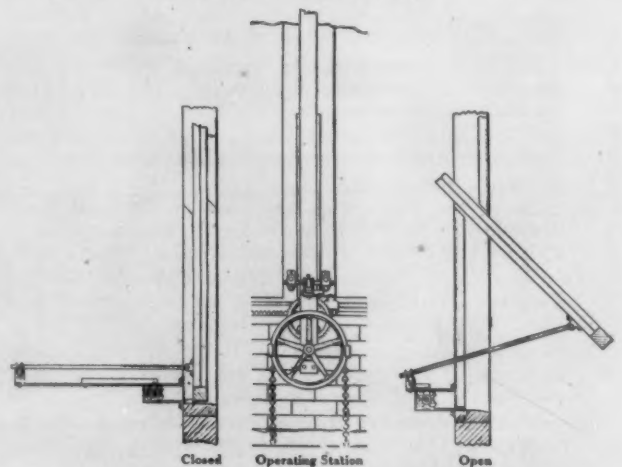
The pamphlet above referred to, which may be had on application, shows a number of special designs.

An Efficient Sash Operator

The necessity for perfect ventilation in all buildings need not be discussed. It will, of course, be conceded. But, it often happens that with the most approved planning its objects are negated by the failure of operating devices. This may be said to be in a large measure true where the means of ventilation are windows, and the only method of opening and closing the sashes a device that often becomes inoperative through imperfect construction.

To overcome this difficulty the G. Drouvé Co., of Bridgeport, Conn., have perfected what they call a "Straight-push Sash Operator," and for which they claim many unusual advantages.

CROSS SECTION



The details of this device may be learned from the cross-sections illustrated herewith.

The important feature claimed by the makers is the mechanical control of a few or a hundred pivoted or hinged sash. An interesting photograph of an actual test reproduced in an illustrated pamphlet, issued by the G. Drouvé Co., and which may be had on applications, shows a one-man controlling system, operating a line of 150 lineal feet. There are seven men standing on the sash at equally distant points and are being raised by the one man control.



Delano & Aldrich, Arch't N. Y.

Another Musical Conservatory sound-proofed by **Cabot's Deafening "Quilt"**

This is Margaret Olivia Hall, Northfield, Mass., (Russell Sage Fund) and the architects say: "Cabot's Quilt used in this building for deafening purposes has proved entirely satisfactory." Quilt is the only deadener that has the power of breaking up and absorbing sound-waves. It is scientific, sanitary and fire-retarding.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

ALBERTVILLE.—Citizens will vote Aug. 15 on \$15,000 bonds to erect school.

BIRMINGHAM.—Alabama Great Southern Railroad will erect \$15,000 brick and concrete depot.

CULLMAN.—Bids will be received up to Sept. 1, for excavating and building foundation of proposed Catholic church. Rev. Father Ignatius, O. S. B., Chairman, Building Committee.

ARKANSAS

CONWAY.—Bids will be received by B. W. Torreyson, secretary, until August 13 for erection of south and central wings of three-story-and-basement brick dormitory building on campus of Arkansas State Normal School. C. L. Thompson, Little Rock, architect.

EL DORADO.—Architect T. M. Sanders, 709 Southern Trust Bldg., Little Rock, has prepared plans for erection of school.

JONESBORO.—Directors of First District Agricultural School will receive bids until August 20, for erection of school; O. N. Hammett, Paragould, secretary.

CALIFORNIA

BARSTOW.—Santa Fé Railroad is planning to erect combination hotel, station, general offices and Harvey eating house in this place, at cost of \$200,000.

BERKELEY.—Department of Entomology, University of California, will erect additional building. Plans by Professor C. W. Woodworth.

EAST SAN JOSE.—Town Trustees are considering erection of fire house and jail. Plans prepared.

GRASS VALLEY.—Chamber of Commerce is interested in proposed erection of \$75,000 hotel. Plans prepared.

LOS ANGELES.—Board of Education will soon erect large grammar school in Vermont Square.

REDDING.—School Districts on Northeastern Shasta and Northwestern Lassen Counties have decided to erect union high school building at Fall River Mills.

SACRAMENTO.—T. H. Walker will erect three-story brick building on Eleventh St.

Bank of D. O. Mills Co. is considering erection of building at corner of Seventh and J Sts.

Schadt Estate will erect six-story building on K St. Seadler and Hoen, architects.

SAN FRANCISCO, CAL.—Board of Supervisors has passed ordinance authorizing the erection of proposed \$85,000 Lincoln Grammar School.

SANTA MONICA.—Plans have been prepared by A. F. Rosenheim, Hellman Bldg., Los Angeles, for erection of casino building at Ocean View Ave. and Colorado St.

WILLIAMS.—Bids will be opened Aug. 17, for erection of \$19,000 high school.

YUBA CITY.—C. E. Mastin, city, and C. J. Ward, Sacramento, are interested in proposed erection of hotel.

COLORADO

STERLING.—Bids will be received until August 18 for erection of county high school. Black Hills Co., Deadwood, S. D., Architects.

CONNECTICUT

NEW HAVEN.—John D. Jackson will erect building at 813 Chapel St.

TORRINGTON.—Architects Griggs & Hunt, 51 Leavenworth St., Waterbury, have plans for enlarging Migeon Ave. school.

WATERBURY.—Architect C. Jerome Bailey, 63 Bank St., has prepared plans for erection of three residences.

DISTRICT OF COLUMBIA

WASHINGTON.—School will be erected at corner of Eighth and T Sts. C. H. Rudolph, Chairman, Commissioners.

WASHINGTON.—Treasury building will be improved at cost of \$18,000. York and Sawyer, 156 Fifth Ave., New York architects.

FLORIDA

ARCADIA.—Bonfoey & Elliott, Tampa, have prepared plans for erection of \$10,000 edifice.

FORT MYERS.—Bids will be received for erection of school building. W. A. Edwards, 632 Candler Building, Atlanta, Ga., architect. E. L. Evans, chairman, Board of Education.

JACKSONVILLE.—Morocco Temple of Mystic Shriners will erect \$75,000 temple.

MIAMI.—Bids will be received until September 6 for erection of school. W. C. De Garmo, Architect. R. E. Hall, Secretary, Board of Public Instruction.

ST. AUGUSTINE.—Fraternal orders of city are considering erection of hall. B. E. Dyson is interested.

GEORGIA

ATLANTA.—Central Ave. M. E. Church, colored, will erect \$40,000 edifice at corner of Central Ave. and Hunter St.

EASTMAN.—Citizens will vote Aug. 17, on \$58,000 bond issue for improvements including erection of schools.

MACON.—Frank Happ will prepare the plans for the new Georgia Masonic temple, to be erected at corner of New and Mulberry Sts.

MARSHALLVILLE.—Citizens have voted bonds to erect school.

ILLINOIS

ALVA.—City has selected F. Mason Gilbert, Evansville, Ind., to prepare plans for building to provide library and gymnasium quarters for the Southern Collegiate Institution.

CHAMPAIGN.—Methodist Episcopal Church will erect brick edifice.

CHICAGO.—Architect Arthur Heun, Steinway Hall, has been commissioned to prepare plans for erection of country residence at Lake Forest for E. S. Moore.

Estate of L. J. McCormick will erect twenty-two-story addition to building at Van Buren St. and Michigan Boulevard.

Architects R. E. Smith and Garden & Martin have prepared plans for erection of \$250,000 building on Clark St. for A. J. Frank.

Catholic Bishop of Chicago will erect church and school on Lowe Ave.

CHICAGO.—Schoenhofen Brewing Company will erect addition to plant on Burlington St.

A. Streich & Bro., Oshkosh, Wis., will erect warehouse on West Lake St.

Geo. Whiting Company will erect \$30,000 machine plant on Elston Ave.

GALESBURG.—School Board has directed Building Committee to receive bids for erecting addition to high school.

MOLINE.—Dr. A. H. Arp is considering erection of business block on Sixth Ave.

PEORIA.—School District No. 95 has decided to erect \$16,000 high school.

QUINCY.—Otis Elevator Co. has accepted plans by Architect Harvey Chatten for erection of four buildings.

INDIANA

BEDFORD.—Plans have been adopted for erection of high school on N St.

BOONVILLE.—Architect Frank Schlotter, Evansville, is preparing plans for erection of residence in this city.

CYPRESS.—Bids will be received until 10 a. m., August 22, for erection of school. Clifford Shaubell, Furniture Bldg., Evansville, Architect. R. G. Harwood, School Trustee.

EVANSVILLE.—St. Joseph's Church has decided to erect parish house in near future. Rev. F. X. Unterreitmeier, Pastor.

Plans for erection of new building on Sixth St. for E. A. Lowe, undertaker, are being made.

EVANSVILLE.—Architect F. Manson Gilbert has prepared plans for erection of number of residences.

MARION.—City will erect detention hospital. Dr. O. W. McQuown, Secretary Board of Health.

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Asbestos "Century" Shingle Roof—Residence of J. H. Briggs, Sea Gate, Coney Island, Brooklyn, New York; Squires & Wynkoop, New York, Architects; P. J. Van Note, Brooklyn, Contractor.

Fire cannot burn, chip, crack or blister them. Dampness and wet weather actually make them tougher, harder, more elastic.

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Hospital erected by the United Verde Copper Co., Jerome, Ariz., using 2 24-inch and 7 18-inch "Burt" glass top ventilators. Other hospitals using "Burt" Ventilators are: Mercy Hospital, Pittsburg; State Sanatorium for Treatment of Tuberculosis, Howell, Mich.; St. Luke's Hospital, Utica, N. Y.; Akron City Hospital, Akron, Ohio.

Burt Ventilators

are as efficient in the red hot desert as they are in the crowded cities. They are built with strictly high grade workmanship and material. All Burt's are provided with patented sliding sleeve dampers, which never shut out the light, even when the damper is closed.

No matter where ventilation is required Burt Ventilators will do the work more efficiently and with less fuss about it than any other ventilators made.

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THE BURT MFG. CO., - 550 MAIN STREET, AKRON, OHIO.

Geo. W. Reed & Co., Montreal, Sole Manufacturers of "Burt" Ventilators for Canada.

Ventilation in the Desert

The United Verde Copper Co., of Jerome, Arizona, has just finished a new hospital building.

The United Verde, one of the largest and richest copper mining companies in the world, decided to make this hospital perfect in every respect.

They, therefore, selected nine glass top Burt Ventilators to be used on this building.



Notice Sliding Sleeve Damper (patented). Furnished with flat wired glass, up to and including the 72-inch size. Metal Tops furnished if desired.

PORTLAND.—District No. 1 will let contract August 20 for erection of brick school.

SOUTH BEND.—Methodist Episcopal Church will be erected at Michigan Ave. and Olive Ave. Pastor of St. Paul's M. E. Church is interested.

E. A. Chockelt will erect brick block at Main St. and Jefferson Boulevard. Freyermuth & Maurer, Warner Building, architects.

SULLIVAN.—Christian denomination will at once erect proposed \$20,000 edifice.

Baptist Church has decided to erect Sunday School building.

ZIONSVILLE.—Township will erect high school. Layton Allen, Lombard Blk., Indianapolis, Architect.

IOWA

CHARITON.—Bids will be received until August 13 by J. N. Shultz, Secretary Board Education, for erecting school in District No. 6.

DES MOINES.—C. B. Cleland and J. M. Brice will erect garage at Tenth and Locust Sts.

DES MOINES.—P. E. Coffee will erect three-story brick building at Walnut and Tenth Sts.

Highland Park College, President Longwell, is considering erection of engineering building.

SILVER CITY.—Council has decided to ask for bids for erection of concrete jail.

SIOUX CITY.—Board of Education has adopted plans by F. E. Colby, Farmers' Loan & Trust Bldg., for erection of \$8,000 school.

KANSAS

IOLA.—Otto Hinze will rebuild packing plant destroyed by fire.

LEAVENWORTH.—Plans are now being drawn for erection of edifice for the German Evangelical Lutheran Church.

KANSAS CITY.—Architects Rose & Peterson, Barker Bldg., have prepared plans for erection of \$100,000 hospital at Tenny and Orchard Sts.

UNIONTOWN.—Residents are urging erection of school.

LOUISIANA

HAMMOND.—Hammond Box & Veneer Co. will erect box factory in this city.

NEW ORLEANS.—Colonna Realty & Theater Company is considering erection of \$300,000 theater, store and office building at Canal and Camp Sts. F. W. Brown, architect.

NEW ORLEANS.—Erection of model public market is being considered by Mayor Behrman.

NEW ORLEANS.—New Orleans College of Pharmacy will erect college building at St. Charles Ave. and Terpsichore Sts.

NEW ORLEANS.—Tulane College Board of Administrators has decided to erect modern gymnasium. John Dymond, Jr., Chairman, Special Committee.

Mayor Behrman has recommended need of new normal school building.

OPELOUSAS.—Bids will be received until 12 noon, Aug. 29, for erection of brick stores and opera house for Jacobs News Depot Company. Plans may be obtained from Favrot & Livaudais, Ltd., 839 Gravier St., New Orleans, architects.

MARYLAND

BALTIMORE.—Ellicott & Emmert, Architects, Union Trust Bldg., are preparing plans for residence to be erected at Roland Park for Lloyd Cockran.

BALTIMORE.—Harwell W. Thomas will erect two cottages on Twelfth St. Plans by F. E. Beall, 213 St. Paul St.

BALTIMORE.—Bids are asked at once for erection of new theater at 408 E. Baltimore St., for the Knickerbocker Amusement Co., of New York City. Jos. E. Sperry, Calvert Bldg., architect; also for residence of Grafflin Cook, to be located at Charles and Thirty-third St. Cost \$20,000.

Parker, Thomas & Rice are calling for bids on proposed addition to the Baltimore Trust Co.'s building, at 23 E. Baltimore St.

BALTIMORE.—Plans are now being prepared by Architects Glidden and Friz for an apartment house, to cost about \$250,000, on University Parkway, opposite Wyman's Park.

BALTIMORE.—Plans have been prepared by Architect E. L. Palmer for erection of \$10,000 residence for T. H. Roberts at Roland Park.

Thomas O'Neill will erect residence at Franklin and Charles

Sts. for \$80,000 building. Baldwin & Pennington, Professional Bldg., Architects.

Architect O. S. Simpson has completed plans for erection of \$7,000 home to be erected at 1200 E. Baltimore St. for Daughters of Israel.

CAMBRIDGE.—Mrs. Mary Harrington, Hubert H. Wright, George W. Woolford, Winder F. Harrington and Shepherd Bayley will rebuild structures, destroyed by fire, as soon as possible.

CAMBRIDGE.—Phillips Hardware Co. will erect four-story building at Main and Race Sts.

FROSTBURG.—Site on Grant St. will be purchased for erection of hose house.

HAGERSTOWN.—Architect J. H. Ritchie, 110 State St., Boston, has asked for revised bid on erection of \$50,000 hospital building.

MASSACHUSETTS

BOSTON.—Alterations and improvements to cost \$30,000 are planned for the old hotel Richwood, 254 to 260 Tremont St., for New Richwood Hotel Co., Joseph G. Lyons, manager.

MARLBORO.—Bids will be received until August 25 by James Knox Taylor, Supervising Architect, Washington, D. C., for the construction of proposed postoffice.

SPRINGFIELD.—Fisk Rubber Co. will erect four-story brick building as an addition to plant.

MICHIGAN

ADRIAN.—Wm. K. Bixby, St. Louis, has made city gift of \$25,000 for erection of hospital.

BATTLE CREEK.—Architect Harry J. Rill, 54 Buhl Block, Detroit, has prepared plans for erection of parochial school for R. C. Church. Rev. Fr. Burke, Rector.

DETROIT.—Architects John Scott & Company, Ford Building, have completed plans for erection of parochial institute at corner of Junction and Dix Sts. for Holy Redeemer Church.

Princess Manufacturing Company has had plans prepared by Architect E. W. Gregory, Grammond and Wood Aves., for erection of factory at corner of Larned and Hastings Sts.

HOUGHTON.—Architect E. Breilmeyer, University Building, Milwaukee, has been engaged to draw plans for projected \$30,000 parochial school for St. Ignatius Catholic Church.

GRAND RAPIDS.—Erection of fire house at Hall St. and Grandville Ave. is being considered.

GRAND RAPIDS.—Architect P. Lindhout, Ashton Bldg., has prepared plans for erection of warehouse at Dewey and Third St. for Silverman Bros.

MINNESOTA

AITKIN.—Erection of jail and sheriff's residence is being considered.

CHISHOLM.—Plans have been prepared by Tyee & Sons, Duluth, for erection of \$115,000 school.

DEERWOOD.—Citizens have decided to erect brick school at cost of \$15,000.

DULUTH.—Sanatorium Commission, established for the prevention of tuberculosis, will ask County Commissioners, for an appropriation of \$35,000 to carry out the proposed plans for building of a sanatorium.

DULUTH.—Bethel Association will raise \$125,000 for erection of building on West First St.

MINNEAPOLIS.—Park Board will erect proposed \$73,000 bath house at Lake Calhoun.

MOOSE LAKE.—School Board has awarded to Kelly & Lignell, of Duluth, contract for preparing plans for \$10,000 school building to be built this year.

ST. PAUL.—Architect C. A. Bassford, Gilfillan Bldg., is preparing plans for erection of \$5,000 building at corner of Minnehaha St. and Snelling Ave. for J. H. Blackwell.

ST. PAUL.—Trinity Methodist church has decided to replace present building at Carroll and Dewey Aves. with modern structure to cost not to exceed \$30,000.

VIRGINIA.—Frank Levill, Hibbing, is planning to erect \$50,000 hotel at corner of Spruce St. and Wyoming Ave.

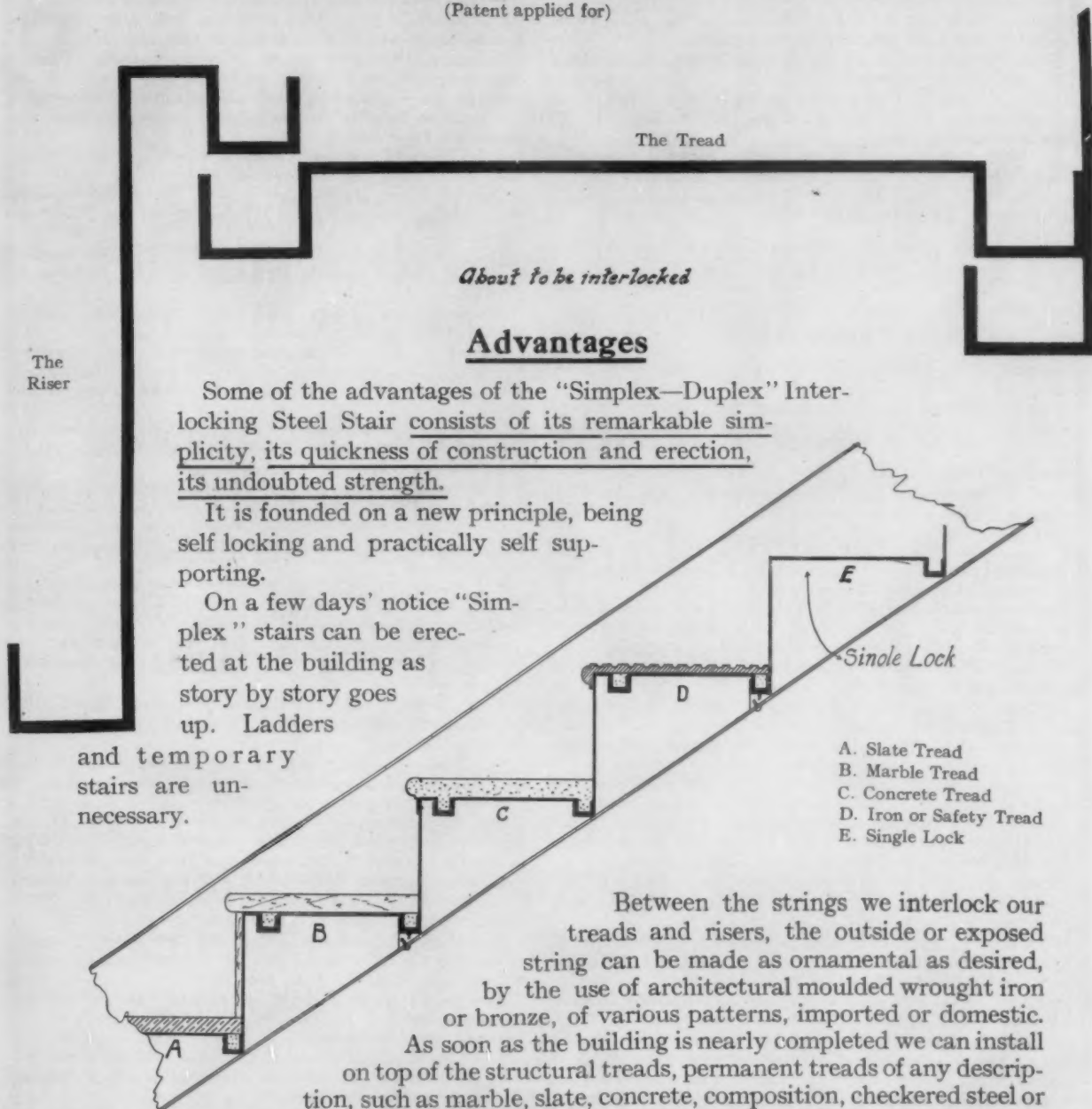
WEST DULUTH.—Library Board has \$20,000 available for erection of Carnegie Library.

MISSISSIPPI

GULFPORT.—Mississippi Abstract Title & Guaranty Co will erect three-story office building at Fourteenth St. and Twenty-fourth Ave.

"Simplex-Duplex" Interlocking Steel Stairs

(Patent applied for)



Advantages

Some of the advantages of the "Simplex-Duplex" Interlocking Steel Stair consists of its remarkable simplicity, its quickness of construction and erection, its undoubted strength.

It is founded on a new principle, being self locking and practically self supporting.

On a few days' notice "Simplex" stairs can be erected at the building as story by story goes up. Ladders

and temporary stairs are unnecessary.

Between the strings we interlock our treads and risers, the outside or exposed string can be made as ornamental as desired, by the use of architectural moulded wrought iron or bronze, of various patterns, imported or domestic.

As soon as the building is nearly completed we can install on top of the structural treads, permanent treads of any description, such as marble, slate, concrete, composition, checkered steel or "Diamond" Safety Treads. The strength of our Interlocking Steel Stairs is indisputable. We guarantee a dead load of one hundred pounds to the square foot, and the stairs will carry double that. The peculiar construction of the treads and risers by which the base and top of the risers practically consists of, are eight pieces of steel, each being about $\frac{1}{8}$ of an inch thick, gives greater strength than any stairs ever constructed.

Architects Are Asked

to specify these stairs on all of their new work. By doing this they will be specifying the best there is in stairs. AGENTS WANTED EVERYWHERE.

New York Bridge & Iron Company, 18 W. 34th St., New York

MISSOURI

KANSAS CITY.—T. C. Mitchell will erect three apartment buildings at corner of Tenth St. and The Paseo.

KANSAS CITY.—Judge E. E. Porterfield is interested in proposed erection of \$50,000 boys' hotel.

Architect plans for addition to the city hall on the south are being considered by Board of Public Works to-morrow. William Buchholz, President.

KANSAS CITY.—A. L. Ernst, President of the Ernst-Davis Grain Co., will erect residence on Sunset Hill.

LIBERTY.—Independent Order of Odd Fellows State Home will erect \$40,000 infirmary.

SEDALIA.—Board of Education has decided to erect three schools in near future at cost of \$60,000. Architect T. W. Bast is preparing plans.

ST. LOUIS.—Architect O. R. S. Traber, Fullerton Bldg., has prepared plans for erection of residence on Waterman Ave.

MONTANA

GREAT FALLS.—Plans by Donovan & Rhoads have been accepted for proposed two-story \$35,000 school.

LIBBY.—First National Bank will erect two-story building from plans by Architect M. B. Rizzo of Kalispell.

NEBRASKA

BEAVER CITY.—Citizens will vote Aug. 16, on erection of county jail.

POTTER.—Citizens have voted \$10,000 for erection of school house.

NEVADA

RENO.—Trustees of the Y. M. C. A. have selected plans submitted by Architect F. J. De Lonchant as the best plans for proposed \$55,000 Y. M. C. A. building.

NEW JERSEY

ASBURY PARK.—Board of Education has had plans prepared for erection of school in Springwood Ave. District.

BAYONNE.—Architect John J. Schmidt has completed plans for Lyon Barack of 787 Broadway, for erection of a store and apartment house to be built on Broadway.

CAMDEN.—Homeopathic Hospital will be erected at Mount Ephraim and Atlantic Aves.

ELIZABETH.—Immaculate Conception Church has \$60,000 available for erection of edifice.

HOBOKEN.—J. N. Pierson & Son, Perth Amboy, will prepare plans for erection of \$20,000 school.

HOBOKEN.—Morris Eichler, 367 First St., will erect store and apartment building on the corner of Grand and First Sts.

JERSEY CITY.—Bids will be received until 8 P. M., Aug. 15, for erection of engine house at Van Nostrand and Bergen Aves. Chas. Esterbrook, Clerk, Board of Fire Commissioners.

JERSEY CITY.—From plans as prepared by Architect Walter Hankin, two eight-family flats will be erected on Duncan Ave. for George N. Thurber, 46 Gautier Ave.

JERSEY CITY.—Plans have been completed by Architect E. E. Quaife for \$8,000 residence on corner of Bergen and Clinton Aves. for Dr. Charles Faupel, of 79 Summit Ave.

JERSEY CITY.—From plans as prepared by Architects Hurd & Sutton of Union Building, Newark, store and apartment buildings, cost \$20,000, will be erected on Kearney Ave., for the Fuller Land & Improvement Co. of the same town.

NEWARK.—Compton Shears Co. will erect three-story \$25,000 factory at 310 Camden St. Nathan Myers, 238 Washington St., Architect.

Architect A. H. Thomson, 222 Market St., has prepared plans for erection of several residences.

Byron & Merkin will erect \$10,000 three-story store and dwelling at corner of Fifteenth Ave. and Eighteenth St. Hymen Rosensohn, 745 Broad St., Architect.

Cohen & Bessmen have prepared plans for erection of six dwellings, cost \$30,000, on Woodside Ave., for Bronstein & Feinsod.

TRENTON.—Architect W. A. Poland is taking bids on a 2½-story brick and stone residence and garage to be built on W. State St., for Peter D. Thropp. Cost \$12,000.

NEW MEXICO

LA MESILLA.—Plans are being drawn for erection of \$10,000 school. Contract will be let at once.

NEW YORK

ALBANY.—Competitive plans will be received until Sept. 10 by Secretary Wachsman, of Board of Public Works, for erection of high school.

AMSTERDAM.—A. Marks & Sons, 72 Main St., will erect \$50,000 store building at Main and Church Sts. H. W. Grieme, 2 Market St., Architect.

BINGHAMTON.—Realty Improvement Syndicate of New York City, John E. Allen, Vice-President, will erect eight-story \$350,000 apartment house at corner of Oak and Main Sts.

BROOKLYN.—Board of Health of N. Y. City has authorized employment of Percy Griffin, 30 Church St., New York City, to revise plans and specifications and supervise construction of one isolation building on the grounds of the Kingston Ave. Hospital. Total cost, \$75,000.

BUFFALO.—City will erect \$150,000 school on Cedar St. this fall. H. L. Beck, Nardin Building, architect.

Chas. A. Haist, 51 Chandler St., will erect \$12,000 residence on Tillinghast Place. G. M. Wolfe, 628 Ellicott Square, architect.

C. D. Coyle, 153 Anderson Place, will erect \$12,000 residence at Penhurst Park. Colson & Hudson, 35 Dunn Building, architects.

ELMIRA.—Arnot Realty Corporation will erect two-story brick building on West Church St.

GLENVILLE.—Bids will be received until 6 p. m., August 15, for erection of brick school. Worthy Niver, 105 Hamilton St., Albany, Architect. Frank Higgins, Chairman, Board of Education.

NEW YORK.—Rose Spangenthal, 2809 Third Ave., will erect one-story brick stores on Third Ave., at cost of \$20,000. Henry Nordheim, 1087 Tremont Ave., Architect.

P. Mangano, 275 E. 151st St., will erect \$5,500 brick dwelling on Magenta St. Jos. Ziccardi, 585 Morris Ave., Architect.

NEW YORK.—Catharine Bigley, 56 Mt. Hope Place, will erect \$7,500 brick dwelling on Tremont Ave. E. L. Kirby, 481 Fifth Ave., architect.

D. F. Arago, 1537 Melville Ave., will erect three-story brick store and dwelling, cost \$8,000, on Van Nest Ave. M. W. Del Gaudio, 401 Tremont Ave., architect.

Rosa Bonanno, 1711 Zerega Ave., will erect \$6,000 brick dwelling on Zerega Ave. Koppe & Daube, 830 Westchester Ave., architects.

R. J. Helbig, 3047 Terry Ave., will erect \$5,500 frame dwelling on Woodland Road. J. G. Michel, 323 Forty-fifth St., Brooklyn, architect.

NEW YORK.—Salisbury Realty Co., 505 Fifth Ave., will erect twelve-story brick apartment house, cost \$375,000, on West End Ave. Schwartz & Gross, 347 Fifth Ave., architect.

Packard Commercial School, 101 E. Twenty-third St., will erect five-story brick school and stores at Thirty-fifth St. and Lexington Ave. H. F. Ballantyne, 244 Fifth Ave., architect.

Fluri Construction Co., 176th St. and St. Nicholas Ave., will erect six-story \$125,000 apartment house on 149th St. Neville & Bagge, 217 W. 125th St., architects.

NEW YORK.—J. E. Bentz, Zerega Ave. and Butler Place, will erect two two-story dwellings on Chatterton Ave. O. C. Krauss, 2318 Newbold Ave., architect.

NEW YORK.—Barbara Meyer, 2940 Chatterton Ave., will erect two-story dwelling on Houghton Ave. H. Nordheim, 1087 Tremont Ave., Architect.

Edw. Buckley, 819 Hunts Point Road, will erect two two-story dwellings, cost \$10,000, on Nurliner Ave. J. J. Vreeland, 2019 Jerome Ave., Architect.

J. Schwallenberg, 2160 Ellis Ave., Owner and Architect, will erect two-story frame dwelling on Baychester Ave.

NIAGARA FALLS.—Erection of \$50,000 addition to Mt. St. Mary's Hospital is being considered.

OLEAN.—Jas. K. Taylor, Supervising Architect, Washington, D. C., has prepared plans for erection of proposed postoffice.

ROCHESTER.—School and rectory will be erected adjacent to Catholic Chapel at Sea Breeze. Rev. J. F. Staub, 378 Hudson St., Holy Redeemer Church, is interested.

ROCHESTER.—C. B. Kenning, 237 Alexander St., is considering erection of brick apartment and office building at Main and Gibbs Sts.

ROCHESTER.—Bids will be received until noon, August 18, for erection of school on Post St. J. Foster Warner, Architect. A. D. Densmore, Asst. Secretary, Board of Education.

SCHENECTADY.—Architect Oren Finch, State and Jay Sts.,

Today Otis Elevator equipment is in operation in practically all the principal office buildings, hotels, public edifices, etc., throughout the country. And in residences as well. This is because, no matter what the peculiar requirements in each individual case, we have always been able to meet them. We have always kept in advance of the demands made by the constant development of modern building, thus furthering that development. We offer you complete co-operation, backed by our fifty-five years of successful experience.

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OFFICES IN ALL THE PRINCIPAL CITIES OF THE WORLD

has completed plans for erection of \$50,000 building at Dock and State Sts. for A. Brown & Son.

Architect L. Rodman Nichols has prepared plans for erection of number of residences.

SCHENECTADY.—Board of Aldermen has decided to erect proposed school on Baker St.

SOLVAY.—Bids will be received until Aug. 16 for erection of hose house on Cogswell Ave. E. M. Hall, Village Clerk.

SYRACUSE.—L. P. Kellogg will erect two-family house at Euclid and Lancaster Aves. Russell & King, Snow Blk., Architects.

SYRACUSE.—Stanislaus Wesolowski will erect apartment house on Second St.

Clarence A. Beckwith will erect \$5,500 residence on Crane St.

SYRACUSE.—Board of Supervisors will at once erect proposed county morgue. W. F. Hodge, Supervisor.

TUCKAHOE.—Citizens have voted \$30,000 for erection of village hall.

VERNON.—State Educational Department will be asked to furnish plans for erection of \$20,000 high school. Jos. Tillman, trustee.

WATERTOWN.—F. A. Empsall Co. will erect \$75,000 three-story addition to department store.

YONKERS.—Polish Societies of city are planning erection of building.

NORTH CAROLINA

RALEIGH.—R. T. Giersch will erect \$90,000 hotel on corner of West Hargett and South Salisbury Sts.

OXFORD.—Trustees of Oxford Graded School have had plans prepared for \$25,000 building to be erected on College St.

WINSTON-SALEM.—Slater Industrial and State Normal School will erect \$15,000 dormitory. J. A. Bivins is interested.

NORTH DAKOTA

MILTON.—Citizens have voted bonds for Milton School District.

OHIO

CALEDONIA.—Bids will be received until Aug. 19 for erection of school. Howard & Merriam, Capitol Trust Building, Columbus, architects.

CINCINNATI.—Garber & Woodward, Andrews Bldg., have been selected to prepare plans for \$160,000 Guilford School.

CLEVELAND.—Prospect Realty Co., G. A. Tenbusch, President, will erect four-story mercantile building on Prospect St. Plans prepared.

Cost of completing new West Side Market has been estimated at \$140,000. Address Public Service Director Lea.

CLEVELAND.—Councilman Dittrick is urging erection of \$15,000 bath house at Edgewater Park.

COLUMBUS.—Architects Dawson & Holbrook, Outlook Building, are drawing plans for nine-room pressed brick, Colonial style residence to be erected on Bryden Road for J. H. Haller.

Architect Monroe Heath Blake is drawing plans for four-story building to be erected on West Gay St. for G. C. Urlin.

Architect O. C. Darst, Brunson Building, has completed plans and specifications for a five-story, reinforced concrete warehouse building to be erected at corner of East Gay and Young Sts. for Central Ohio Paper Co.

Knights of Pythias will erect \$300,000 building at Long and Pearl Sts.

DAYTON.—Algonquin Hotel will expend \$50,000 in improvements.

EAST YOUNGSTOWN.—Village is about to let contract for erection of \$15,000 village hall.

HAMILTON.—Probate Judge Hartkoff will shortly begin construction of four-story \$30,000 flat and business building in South Third St.

SPRINGFIELD.—Third Lutheran Church* has decided to erect edifice on Center St. Rev. Keifer is interested.

SPRINGFIELD.—County Commissioners are considering erection of consumptive hospital.

WASHINGTON C. H.—Citizens have voted \$100,000 school improvement bonds.

ZANESVILLE.—Plant of the Zanesville Art Pottery Co., destroyed by fire, will be rebuilt.

OKLAHOMA

ENID.—Enid Auto Club has decided to erect \$50,000 club house. J. B. Ferguson is interested.

OKLAHOMA CITY.—Second Presbyterian Church will erect edifice on W. Ninth St.

OREGON

PORTLAND.—Plans are being prepared by D. C. Lewis, architect, for \$25,000 country residence, which will be erected at Rivera, for C. Hunt Lewis.

Chas. Kaiser of Bandon, will erect residence at corner of Twenty-seventh and Hancock Sts.

PORTLAND.—Architects Jacobberger & Smith have prepared plans for erection of brick building at Tenth and Stark Sts., for Messrs. Friedenthal and Hirsch. Cost \$40,000.

PENNSYLVANIA

BEAVER.—The Beaver Building Company has completed arrangements for erection of \$50,000 building at corner of Third and Insurance Sts. William J. East, architect, has drawn plans.

BEAVER FALLS.—J. D. Perrott has had plans prepared for erection of business block on Seventh Ave.

CARBONDALE.—Plans have been completed by Jas. K. Taylor, Supervising Architect, Washington, D. C., for erection of proposed postoffice. John H. Thomas, Postmaster.

CHESTER.—Felton Fire Co. will soon ask bids for erection of proposed fire house.

CHESTER.—Chester Lodge, No. 285, Loyal Order of Moose, is considering erection of building. Chas. K. Melville is interested.

ELIZABETHTOWN.—Pennsylvania Railroad will erect \$20,000 station.

ELIZABETHTON.—C. C. Zantinger, C. L. Borie, 1395 Fifteenth Street, and M. B. Medary, 1414 South Penn Square, have been awarded first prize for plans for erection of proposed \$352,000 home for Masonic Grand Lodge of Pennsylvania.

ELLWOOD.—Presbyterian Church is planning to erect edifice. St. Agatha's Congregation will erect edifice in near future.

FALLSTON.—Borough has decided to erect modern town hall.

JOHNSTOWN.—Lower Yoder Township School Board is considering erection of school on Brownsville Road.

LANSDALE.—Shiloh Masonic Lodge will erect building on Main St.

LAURYTOWN.—Board of Poor Directors of the Middle Coal Field Poor District has decided that new insane asylum would be built at this place.

NANTICOKE.—Bids will be received by School Board until 8 p. m., Aug. 27, for the erection and partial completion of a sixteen-room school building according to plans and specifications of Reiley & Schroder, architects, Wilkes-Barre.

PALMYRA.—P. & R. Company has had plans completed for erection of railway station.

PHILADELPHIA.—Architect Horace Trumbauer, Land Title Building, is preparing plans for erection of four-story flat house at Broad St. and Girard Ave.

PHILADELPHIA.—Brooke Real Estate Co., acting for George H. Earle, Jr., will shortly give out contract for the erection of three three-story stone houses on Railroad Ave., Haverford. Plans were prepared by Horace C. Trumbauer, Land Title Bldg. Cost \$17,000 each.

PHILADELPHIA.—Plans are being prepared by J. Frank Bradley for six-story apartment house of brick and terra cotta fireproof construction on King St., Germantown.

The Grace Presbyterian Church is having plans prepared for a one-story and basement brick and granite Sunday school building, at corner of Twenty-second and Federal Sts.

PHILADELPHIA.—Mitchell Bros. will erect \$6,000 garage on Sixty-first St.

Architects Baker & Dallet, 1629 Chestnut St., have completed plans for erection of \$75,000 music studio building at corner of Seventeenth and Walnut Sts.

William Conger is having plans prepared for erection of \$8,000 frame residence at Cynwyd.

PITTSBURG.—Architect L. O. Brosie, 6200 Penn Ave., is planning a fireproof addition to General and Emergency Hospital on Collins Ave. Cost, \$30,000.

Architects Janssen & Abbott, Ninth St. and Liberty Ave., are receiving estimates for erection at S. Atlantic Ave. and N. Craig St. of \$10,000 brick garage for A. X. Phelan.

PITTSBURG.—Kilbuck Country Club will erect club house. Attorney Geo. E. Flaccus, secretary.

PITTSBURG.—Architect F. J. Osterling, 316 Fourth St., is preparing plans for a 12-story fireproof building of steel frame and reinforced construction to be erected at once at Center and Euclid Aves.

HEATED 13 ROOMS A LARGE STORE for a Half Dollar a Day is the MONEY SAVING WORK of The UNDERFEED

Write for FREE Booklets Telling About CLEAN Heat at LEAST Cost

Think of going through a long drawn-out winter like last season's continuous cold spell and heating a big *three-story building*, including a 32-foot front *store* and THIRTEEN rooms—for about half a dollar a day! This was the experience of M. L. Matz, who declares that his building at Lancaster, Pa., was perfectly heated during the coldest weather. The Underfeed Boiler did it. Well pleased over his experience, Mr. Matz writes:

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the flames, are consumed, and make *more* heat, besides insuring freedom from smoke nuisance. Ashes are few and are removed by shaking the grate bar as in ordinary furnaces.

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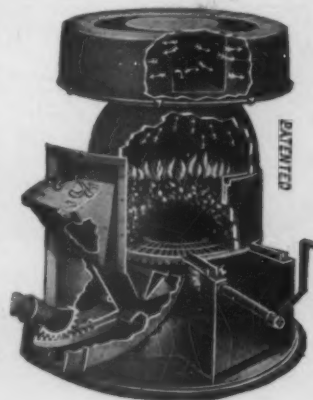
433 West Fifth Street

Cincinnati, Ohio

This illustration shows the Underfeed Boiler.



The Underfeed Furnace with casing removed, cut away to show how coal is forced up under fire, which burns on top.



SCRANTON.—School Board has decided to erect school on the Ridge.

Bids will be readvertized by Director of Public Safety W. G. O'Malley for erection of five fire stations.

SHAMOKIN.—School Board is considering erection of high school.

TAYLOR.—John P. Thomas will erect \$20,000 hall on Union St. E. H. Davis, Scranton, architect.

WASHINGTON.—Architect E. T. Sanderson, Empire Bldg., Pittsburg, has prepared plans for erection of brick residence for Dr. J. H. Shannon.

WAYNESBURG.—Center Township School Board has decided to erect school at Rogersville.

WEST CHESTER.—Board of Trustees of State Normal School has decided to erect dormitory.

YORK.—Bids will be received until Sept. 13 for erection of proposed post office. Jas. K. Taylor, Supervising Architect, Washington, D. C.

YORK.—School Board is considering erection of school in North York.

RHODE ISLAND

PAWTUCKET.—Slater Cotton Company has had plans drawn for \$30,000 brick building to be used as a warehouse and picker room.

PAWTUCKET.—Bishop Harkins of the Providence Diocese has purchased site at Central and Newport Aves., for erection of French Catholic Church.

SOUTH CAROLINA

AIKEN.—Bank of Western Carolina will erect three-story office building. Plans prepared. H. M. Dibble, President.

ROCK HILL.—L. C. Harrison, North Church St., Charlotte, will erect two apartment houses.

SOUTH DAKOTA

KIMBALL.—Bids will be received until 8 p. m., Aug. 20, for erection of school. Geo. Issenhuth, Huron, architect. H. C. Smith, clerk, School Board.

SIOUX FALLS.—Local Lodge of Elks has decided to erect building.

SPEARFISH.—Plans have been completed for erection of Masonic Temple.

TENNESSEE

CHATTANOOGA.—Erection of fire station on Williams St. is being urged.

FALL BRANCH.—J. H. Hains will erect \$10,000 Colonial residence. Mitchell & Riggs, Johnson City, architects.

JOHNSON CITY.—Architects Mitchell & Riggs are preparing plans for erection of \$25,000 hotel at Kingsport for Unaka Corporation.

NASHVILLE.—Board of Education has accepted plans by Architect Ittner, St. Louis, for erection of \$300,000 high school.

RIDGELY.—City has decided to erect \$10,000 school.

TEXAS

ANDERSON.—City is having plans prepared by Green & Briscoe for \$7,000 two-story brick school.

AUSTIN.—Senate Committee on Finance has favorably reported House bill appropriating \$28,500 for addition for negroes at State Lunatic Asylum and \$12,500 for laundry.

CORPUS CHRISTI.—Judge John C. Scott is planning erection of tourist hotel.

DALLAS.—Oriental Hotel Co. will erect twenty-story hotel at corner of Commerce and Akard Sts. W. H. Glancy and Mayor S. T. Hay are interested.

EL PASO.—W. C. Wilkins will erect modern apartment house at North Oregon and Missouri Sts.

EL PASO.—Architect Edw. Kuezel is preparing plans for erection of apartment house at Oregon and Missouri Sts.

Police Commission is considering erection of home for city police.

EL PASO.—W. C. Wilkins will erect apartment house at Missouri and Oregon Sts.

GREENVILLE.—Citizens have voted \$70,000 bonds for erection of high school.

HOUSTON.—Jewish Literary Society will erect \$10,000 building on Jackson St. M. C. Wagner, President.

Christian Church is considering erection of edifice on Houston Heights.

PORT ARTHUR.—Supervising Architect James Knox Taylor, Treasury Department, will receive bids until 3 P. M. Sept. 9, for erection of proposed postoffice.

PORT ARTHUR.—Architect W. C. Meador has prepared plans for erection of two residences.

SAN ANTONIO.—Plans and specifications for the two fire stations drawn by Leo M. J. Dielmann, City Building Inspector, have been approved by Fire Committee.

SAN ANTONIO.—Alamo Amusement Co. will erect auditorium on E. Houston St. T. L. Conroy is interested.

SAN MARCOS.—Bids will be received until 3 p. m., Sept. 6, for erection of proposed postoffice. Jas. K. Taylor, Supervising Architect, Washington, D. C.

SHERMAN.—County Commissioners have asked bids for erection of \$10,000 brick house at county farm. H. R. Wallace, County Auditor.

TAYLOR.—L. H. Goldstein, Waco, will erect business house on North Main St. Architect Henry Strure will prepare plans.

VIRGINIA

HARRISONBURG.—Carneal & Johnson, of Richmond, have been selected as architects for proposed \$30,000 Rockingham Memorial Hospital.

NORFOLK.—Architect John K. Peebles will prepare plans for erection of modern police station.

POQUOSON.—School District has decided to erect \$6,000 high school.

RICHMOND.—Southern Manufacturing Co. has decided to erect \$70,000 plant in South Richmond.

WYTHEVILLE.—M. L. Harrison will erect \$10,000 residence. Mitchell & Riggs, Johnson City, Tenn., architects.

WASHINGTON

COLFAX.—C. L. McKenzie will erect apartment house at once.

ELBERTON.—W. B. Peoples will erect building on Main St.

HILLYARD.—Bonner Lodge, No. 179, I. O. O. F., will erect building at Wall St. and Diamond Ave.

KELSO.—Architect Geo. Rae has prepared plans for erection of bank building for Kelso State Bank. Work will be done by day labor.

ROCKFORD.—E. C. Smith will erect number of residences in near future in northeast part of town.

SEATTLE.—E. N. Forbes will erect \$10,000 addition to building at 558 First Ave., S. Plans prepared.

Orthopedic Hospital will erect \$90,000 building at Warren Ave. and Crock St. W. M. Somervell, White Bldg., Architect.

A. Meerscheidt will erect six-story concrete apartment house, cost \$100,000, at Bellevue and Denny Way. W. P. White, Central Bldg., Architect.

Elks Lodge will erect \$130,000 building at Fourth Ave. and Spring St.

SPOKANE.—Spokane Novelty Co., 02116 Monroe St., is considering erection of building at Monroe St. and Mansfield Ave.

SPOKANE.—Residents of Altamont Section are urging erection of fire station.

SPOKANE.—Washington Machinery and Power Company is planning erection of \$10,000 addition to its building at Monroe St. and the Northern Pacific tracks this fall.

WALLA WALLA.—Columbia Lodge No. 8, K. of P., is considering erection of building on Alder St.

WISCONSIN

FOND DU LAC.—Longden-Brugger Co. will erect three-story addition to factory on Macy St.

MARINETTE.—Council has appropriated \$30,000 for school.

MILWAUKEE.—Milwaukee and Pere Marquette Councils of Knights of Columbus have decided to build clubhouse at 179 Eleventh St.

Brodesser Motor Truck Co. will erect plant in Juneau.

RACINE.—Italian Catholic residents will erect \$20,000 edifice at Blake and Kewaunee Sts.

RED GRANITE.—Citizens have voted \$12,000 bonds to erect school.

SUPERIOR.—Dr. S. W. Ranson and Mrs. Carrie R. Squires, of Chicago, will erect flat building in near future on Belknap St.

WAUKESHA.—Bids will be received until noon, Aug. 15, for erection of barn and creamery at Wisconsin Industrial School for Boys. A. E. Small, Madison, Architect. Elmer Grimmer, Madison, President, State Board of Control.



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Treasury Department, Office of the Supervising Architect, Washington, D. C., July 30, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 19th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Plattsmouth, Neb., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Plattsmouth, Neb., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 28, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 12th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office and Custom House at Port Arthur, Texas, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Port Arthur, Tex., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 29, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 13th day of September, 1910, and then opened, for the construction, (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at York, Pennsylvania, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at York, Pa., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 27, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 7th day of September, 1910, and then opened, for the steel furniture for vaults in the U. S. Post Office, Custom House and Court House, Cleveland, Ohio, in accordance with drawings and specifications, copies of which may be had at the office of the Architect, Arnold W. Brunner, 320 Fifth Avenue, New York City, or at

this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 25, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 6th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at San Marcos, Texas, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at San Marcos, Tex., or at this office at the discretion of the Supervising Architect.—William Knox Taylor, Supervising Architect. (1806-7)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 27, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 8th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Beverly, Mass., in accordance with the drawings and specifications, copies of which may be obtained from the Custodian of site at Beverly, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 28, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 12th day of September, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Lexington, Mo., in accordance with the drawings and specifications, copies of which may be obtained from the Custodian of site at Lexington, Ky., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

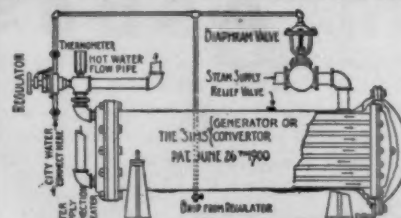
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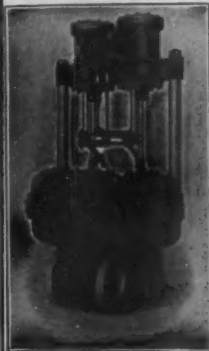
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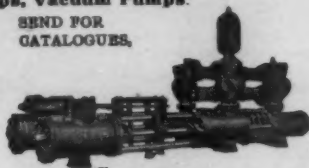


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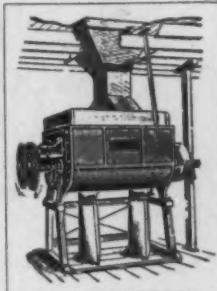
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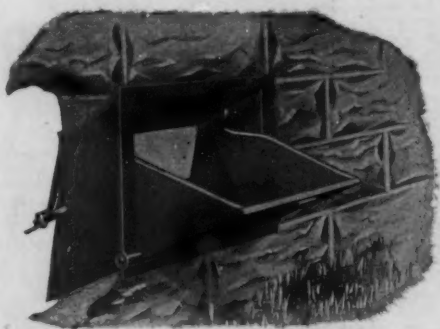


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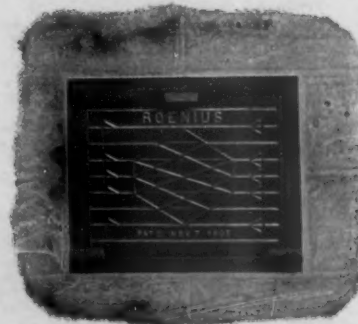
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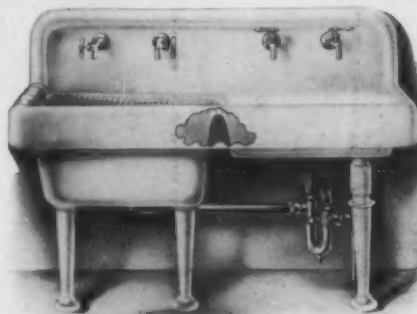


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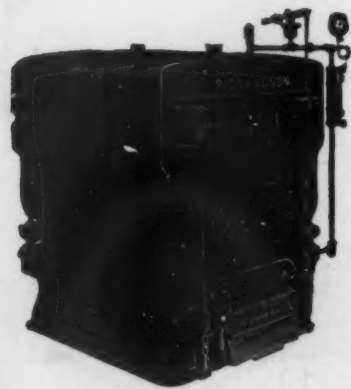
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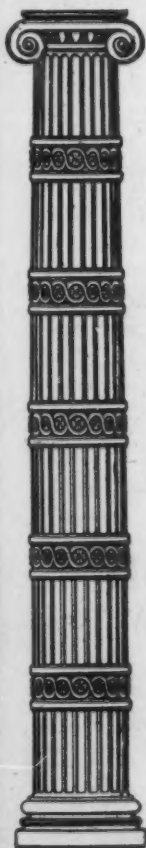
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Self-Closing Basin Cock
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when planning a handsome bathroom is to think of "the closet seat with the bolted joints"—

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The joints are not only bolted but tongued, grooved and glued—they can't open and become filled with filth.

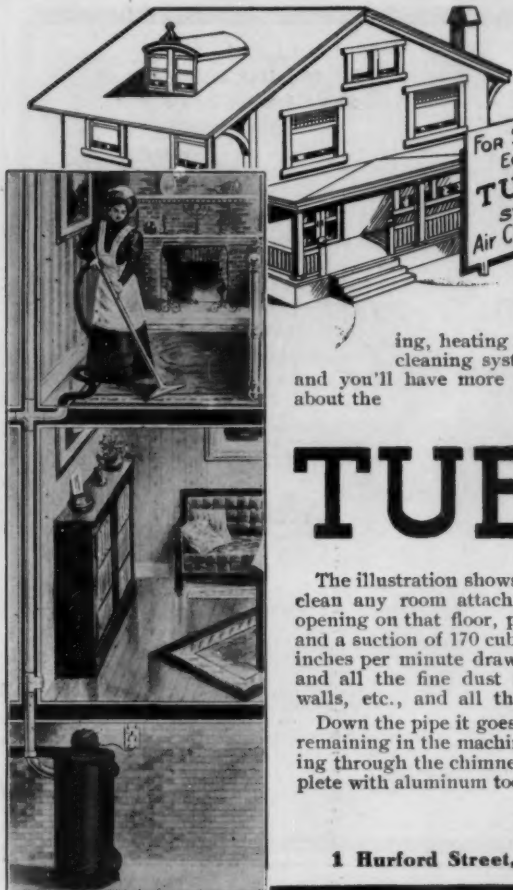
The finish is like a piano and proof against acid, steam or other moisture.

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It is conveniences that count. Add to the lighting, heating and plumbing systems in your houses a cleaning system of equal efficiency and convenience and you'll have more people after them and at better prices. Ask now about the

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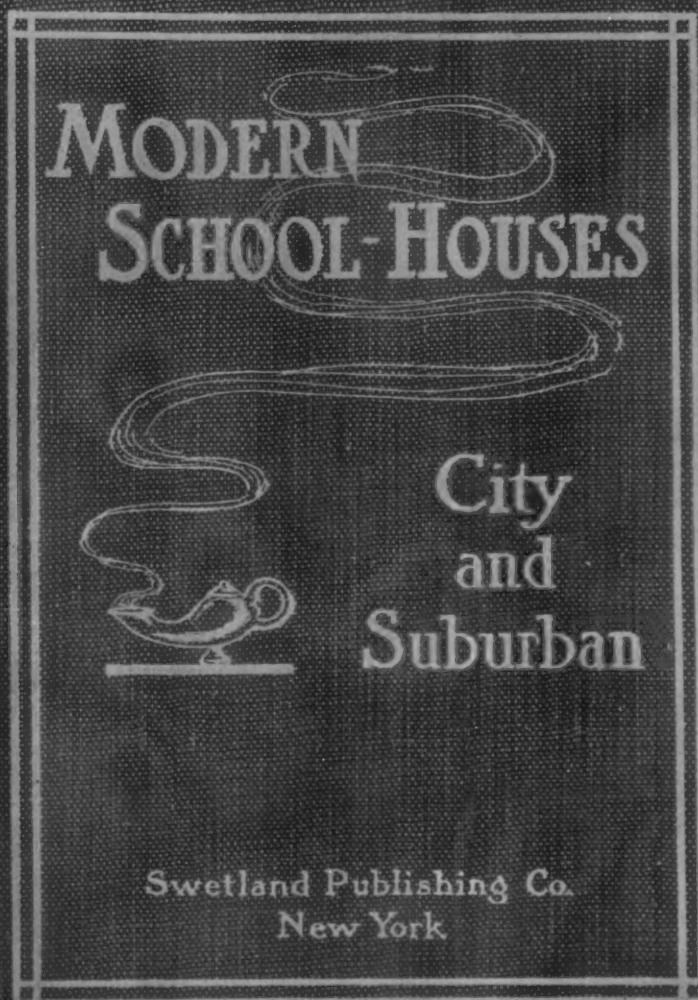
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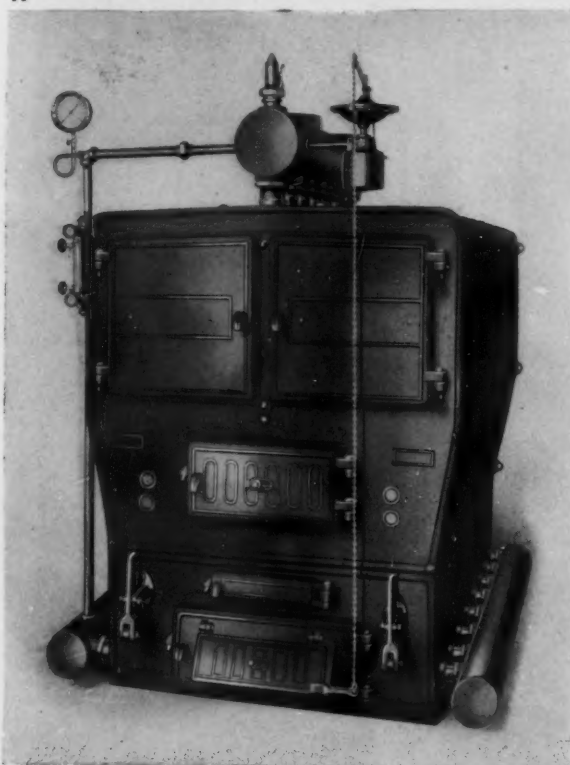
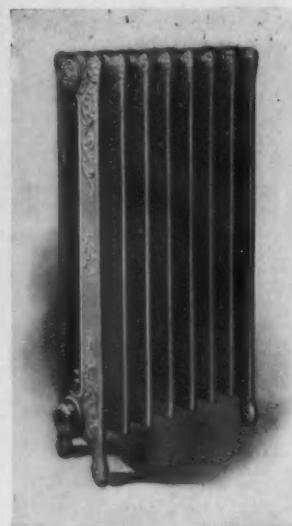
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Mr. R. J. Bagby, whose residence is illustrated on this page, wrote: "The Kewanee System works perfectly and is satisfactory in every respect."

Rev. J. Wilbur Chapman, whose place is shown below says: "We are perfectly delighted with the Kewanee System which supplies our country house with water, and I wish again to thank you for sending me so fine an outfit."

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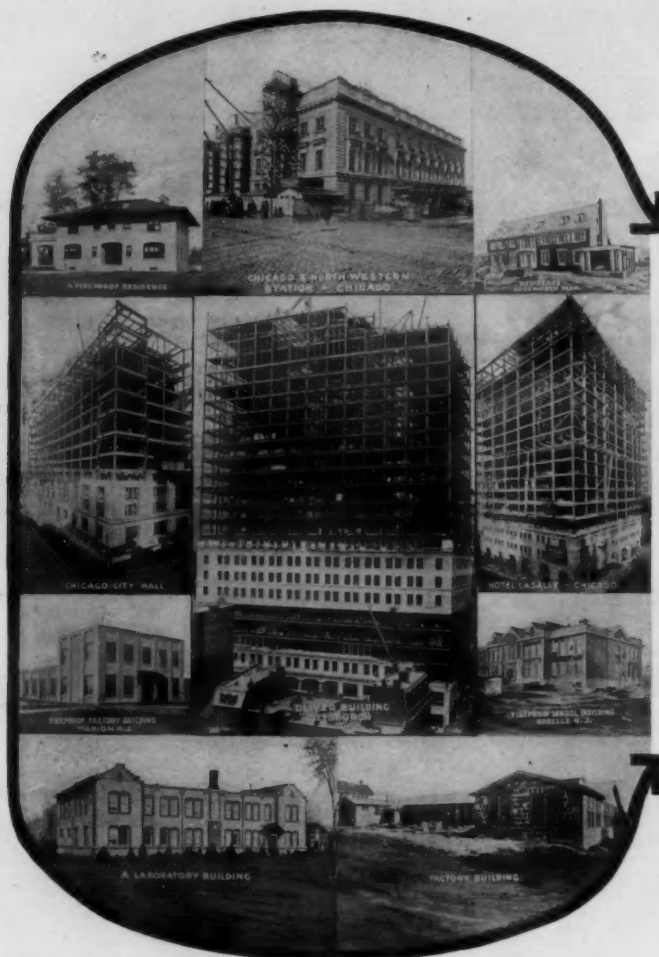


Rev. Dr. J. Wilbur Chapman, Winona Lake, Ind.



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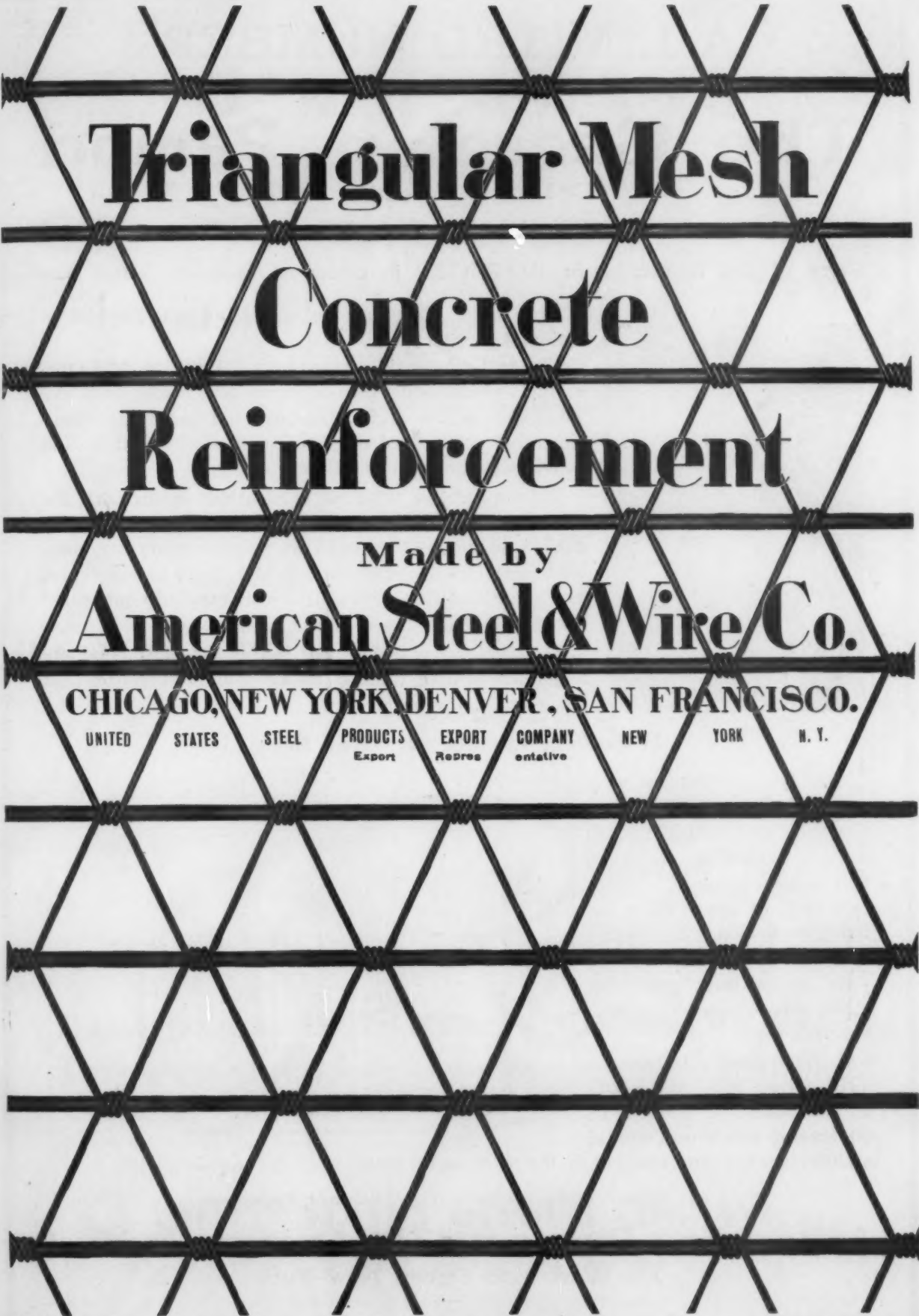
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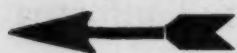
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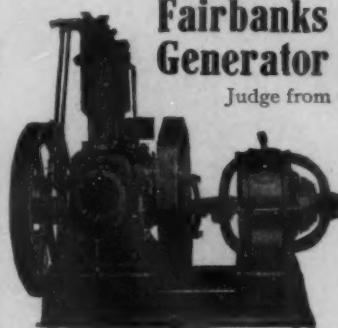
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Competitions And the American Institute of Architects

THE AMERICAN ARCHITECT has received a number of letters, bearing on the communication from a Fellow of the American Institute of Architects, printed in its issue of August 3d, which will receive most careful and prompt consideration in an early issue.

EDITORS OF THE AMERICAN ARCHITECT.

Statue of Baron von Steuben

Albert Jaegers, the sculptor, who was commissioned by the United States Government to execute a statue of Baron von Steuben for erection in Washington, has finished his work. The statue will stand at the northwest corner of Lafayette Park, fronting the White House, and will be unveiled November 16.

Two Ancient Houses Saved

Steps which are now being taken to memorialize two Essex County houses of the late seventeenth century are in line with the present disposition to preserve New England antiquities. The domiciles about to be used as repositories of colonial handicraft are the Ward house of Salem, which the Essex Institute has moved from its former location on St. Peter street to the ground in the rear of the Institute itself, and the Pastor Capen house at Topsfield, which the Topsfield Historical Society has acquired. Neither of these undertakings is complete, but both are so far along that there should be no doubt about their ultimate success.

The two houses are contemporaneous, the one at Salem having been built in 1684, that at Topsfield three years later. They are nearly identical in style and constructional features. Both are invaluable survivals from an era in which wood as a building material was used with almost invariable good taste and intelligence. While the derivation of the type from European dwellings of the same period is very evident, the skill with which the builders who first came to this continent forthwith proceeded to express themselves adequately in the material easiest at hand is as remarkable as the obtuseness of subsequent generations of carpenters whose main aim has seemed to be to cover both the constructional and the surface qualities of the woods used. The downright honesty of the architecture of these two seventeenth century houses is of itself a sufficient excuse for spending a little money and thought upon making them as presentable as possible.—*Boston Transcript*.

The Disfigurement of Paris

The one-time familiar and hackneyed old tag, "They do these things much better in France," seems to have lost not only its vogue, but its justification. In Paris, at any rate, the superior deftness and dexterity with which public improvements were effected without interference with the public convenience, or disturbing the

marvellous *netteté* for which the people are distinguished, seem for the moment to have forsaken them to such an extent that the "Disfigurement of Paris" is a frequent heading to indignant complaints from visitors to the once delectable city as well as from inhabitants, and the agitation has reached its climax in a *Times* leading article. The case, as stated by the writer of that article, is that the Place de l'Opéra has long been defaced, and partly blocked, by unsightly erections concealing the operations of a tube railway company. "The point is that the delay in completing the work has passed all bounds." The plans have been varied while the work was in progress, so that three electric railways are now being made instead of the one originally intended; and disputes and labor troubles have greatly increased the delay. But, allowing for all untoward circumstances, it is contended that the care of the city has sadly slackened since the brave days of Baron Haussmann, when M. Alphaud, "a man with a real genius for the beautifying of open spaces," was in power. Our contemporary thinks it curious that while Paris is retrograde, London has gone forward, and he dwells "with some satisfaction on the great skill, and the very little disturbance of traffic," with which, in our case, the tube railways have been constructed.—*Architectural Review*—(London).

Wind Pressure

The pressure of wind on such structures as towers, buildings, bridges and stacks is one of the points on which more data are needed, and experiments carefully planned and performed are much to be desired. Work of this nature should be undertaken only by those who have the ways and means to carry it on properly, for to be of value to the engineering world the experiments must be made on a large scale and under varying atmospheric conditions. This would require the work to be extended over a considerable period of time, and, to be of greatest value, investigations should be carried on at several locations widely removed from one another. The present data regarding intensities of wind pressure on exposed surfaces are based on researches of Sir Benjamin Baker, Hutton and Duchemin. In Sir Benjamin Baker's experiments the total wind force acting on a large suspended pressure-board was measured, but as it was realized that the intensities of pressure over a large area were not uniform, the large board was also arranged to give pressures per unit of area at several different points in its surface. Hutton's experiments, as embodied in his formula for pressures on inclined surfaces, have long been the standard used in designing roofs and other similar structures. His empirical formula gives much larger values than those computed by rational formulas. Practically all experimental work thus far performed has been done with plane surfaces, leaving the relations between pressures on plane and on curved surfaces to be computed. Borda, however, made a few simple tests to determine the ratio between the pressure on a cylinder and that on a plane. He concluded that the wind pressure on a cylindrical surface was two-thirds that on a plane equal to the vertical pro-

jection of the cylinder, in other words, two-thirds that on a diametrical section of the cylinder. This same conclusion may be reached by rational methods if the wind is assumed to act horizontally. Formulas for pressures on spheres and on cones may also be deduced. The experiments of Duchemin were carefully made and his results indicate larger pressures than those of Hutton.—*Engineering Review*.

INDUSTRIAL

The Edison Aggregate

The above is the title of a monthly publication issued by the Edison Portland Cement Company, whose general sales offices are located in New York, Boston, Philadelphia and other principal cities.

The June issue illustrates Dams and Bridges, and is valuable as showing recently constructed work in these lines. This pamphlet may be had on application.

Monthly Bulletin of Universal Portland Cement Company

The Universal Portland Cement Company's Monthly Bulletin (July, 1910) is an unusually interesting issue and contains many valuable articles and notes on concrete. "The Handling of Concrete During Hot Weather," an unsigned article, is the first of a series treating of the difficulties that arise in concrete construction during extremes of heat and cold. "Experience teaches a dear school," and it is to point out how to avoid costly errors through ignorance that this series of articles will be published.

Some good designs for fountains, suitable for suburbs, a concrete building for a permanent machinery exhibition, and other articles and items treating of the proper handling of concrete are further interesting features of the bulletin, which may be had on request to the general offices, 115 Adams Street, Chicago.

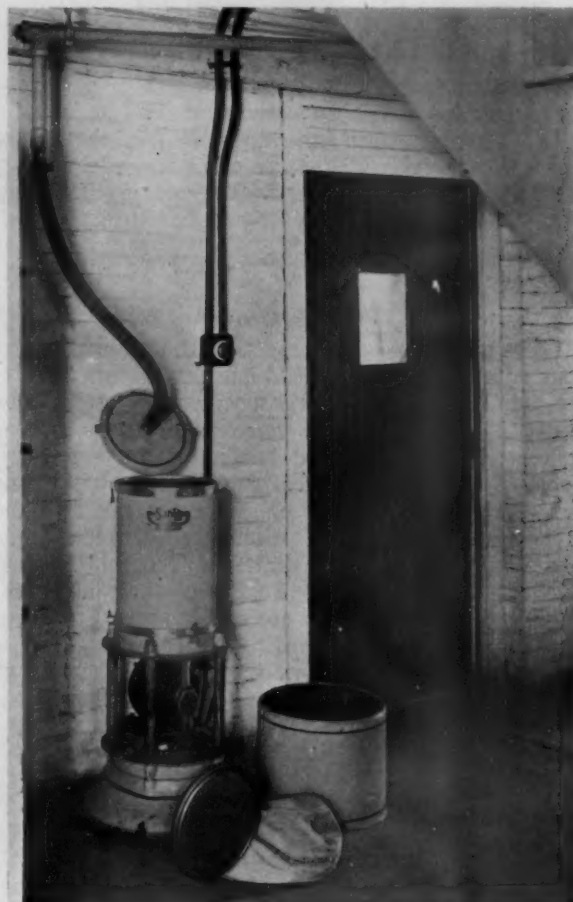
One Sweeper Capacity Vacuum Cleaners

Heretofore the idea of stationary vacuum cleaning equipment carried with it the suggestion of relatively heavy first cost for machine and installation, and considerable daily expense for operating, and has prevented this modern sanitary device receiving proper attention for general use.

Based on the experience of several years with the large stationary types and portable machines of various sizes, the Keller Manufacturing Company, Twenty-first street and Allegheny avenue, Philadelphia, Pa., has developed a style of stationary equipment of one sweeper capacity, which is said to eliminate all the troublesome features acting against the universal adoption of this form of cleaning.

The method employed is a modification of the diaphragm type of Keller Santo Portable Vacuum Cleaner, consisting of a circular base of cast iron about 23 inches in diameter and 12 inches high, on top of which is one of the "Keller" diaphragm pumps. Supported above

this on four tubular columns is a second "Keller" diaphragm pump, the two pumps being in a vertical line. A one-fourth horsepower motor is supported on a bracket centrally between the two, and on each end of the extended motor shaft are two ball-bearing eccentrics reaching above and below and connecting with the vibrating part of the upper and lower pump respectively. These general features are illustrated in the accompanying cut which shows the machine with the motor casing removed.



The aim of the Keller Manufacturing Company has been to produce an apparatus simple, durable and efficient, that when once installed, the only attention required being that the dust receptacle be emptied at necessary intervals.

The Keller Duplex requires no sewer or water connections and the exhaust does not have to be connected with the outside, chimney or smoke stack. The means employed for separating the dust and dirt from the air coming into the machine are such that it is claimed the air can be exhausted directly into the basement without fear of contamination or injury to health.

The Keller Manufacturing Company has prepared an attractive catalog discussing the subject of vacuum cleaning and describing the features of the "Keller Duplex" machine. Copies of this can be obtained on request.

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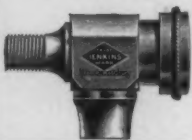
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is made well. Made by the Hammered Open Hearth Process, with all the latest scientific improvements, which assures the satisfaction for which it has been noted for more than 25 years. Beginning with the ore, the raw material is reduced to the desired analysis in our own Open Hearth works. The ingots are reheated, repeatedly hammered under 800 ton blows until they are reduced to billets, from which are rolled the body of our tin plate. The Hammering feature removes the air holes that form in the pouring and cooling, and thoroughly welds together the separate particles of metal. It also increases the ductility and toughness essential to the working and wearing quality.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—Erection of fire station in Pratt City is being considered.

BIRMINGHAM.—Bids will be received by Birmingham Horse-shoe & Rolling Mills Co., 648 Brown-Marx Bldg., until Aug. 20, for building and erecting power house and engine room.

MONTGOMERY.—City has secured site for erection of proposed modern hospital.

RUSSELLVILLE.—Citizens have voted \$10,000 bonds for erection of school and to take up bonded indebtedness of town.

TUSCALOOSA.—E. J. Ostling and Sons, architects and superintendents of Montgomery, prepared plans for erection of number of residences.

ARKANSAS

FAYETTEVILLE.—Hicks Stone has prepared plans for erection of \$25,000 city hall.

MENA.—Mena Hendrix Academy will rebuild Main Building. W. D. Sharp, president.

CALIFORNIA

ANAHEIM.—Plans are being prepared by H. L. Ferguson, Los Angeles, for two-story lodge building to be erected for Knights of Pythias.

BAKERSFIELD.—Bemis & Clark are drawing plans for a three-story, \$20,000 brick hotel to be erected on 19th St., for C. Brown.

LODE.—Dougherty, Whitaker & Ray Co. is interested in proposed erection of \$50,000 hotel.

LONG BEACH.—Christian Church is considering erection of edifice.

LORDSBURG.—Methodist Church is planning erection of \$10,000 edifice.

LOS ANGELES.—Jewish Orphan Asylum, 535 Mission Road, is considering erection of home at Montebello. Dr. Sigmund Frey, Superintendent.

LOS ANGELES.—Plans are being prepared by Edelman & Barnett, 233 S. Broadway, for erection of residence on Catalina St. for J. R. Jacobs.

Two residences, one of seven rooms and the other of eight, will be built on Western Ave. for J. A. Vaughn.

The Architectural Designing Co., Grosse Bldg., has prepared plans for five two-story apartment houses.

Two-story residence will be erected at north end of Carmen Ave., Hollywood, for Joseph L. Giroux, Union Trust Bldg.

Two and one-half-story residence, cost \$6,000, will be erected for Chapman Bros. Co. on Mariposa Ave.

OAKLAND.—Architects Henry Hornbostel and Sullivan W. Jones will at once prepare detail plans and specifications for \$1,000,000 city hall.

OROVILLE.—Board of Education has ordered plans and specifications to be drawn for a school at Oro Vista.

PASADENA.—Frank Churchill, care of T. P. Lukens, 343 Waverley drive, is having plans drawn for \$10,000 residence.

Thomas Bradbury has had plans completed for two eight-room residences to be erected at 85 and 97 North Orange Grove Ave. Cost \$8,000.

The Crown City Flour Milling Co. is having plans drawn for three-story-and-basement reinforced concrete factory building to be erected on Salt Lake tracks.

Plans for five-story Y. M. C. A. building to be built at Ramona and Marengo Ave. have been approved.

PASADENA.—R. D. Devis, Director of Board of Trade, has had plans drawn for four-story \$40,000 concrete apartment house to be erected on South Los Robles Avenue.

POMONA.—Architect C. E. Wolf has completed plans for erection of residence on San Francisco Ave. for G. Rourke.

REALTO.—The Architectural Designing Co., of Los Angeles, is preparing plans for a two-story brick store and lodge building for F. P. Dunlap.

SAN FRANCISCO.—Board of Supervisors has ordered construction of John Swett Grammar School at cost of \$101,800.

SAN FRANCISCO.—The Building Committee of the Board of Supervisors has agreed to submit favorably proposition made by Lincoln Realty Co. for locating temporary City Hall on the Lincoln site, at Fifth and Market Sts. Proposition includes two buildings, one to be erected by company and the other by Lankershim Estate.

SAN FRANCISCO.—Alfred H. Jacobs has completed plans for erection of school for Temple Emanu-El congregation.

STOCKTON.—D. H. Steinmetz, Sunset Door & Sash Company, will erect two-story factory at Park and Sacramento Streets.

VALLEJO.—Citizens will vote Oct. 11 on \$75,000 bonds for erection of city hall and branch county jail.

VALLEJO.—Vallejo Brewing Co. will erect brick building. Site purchased.

CONNECTICUT

BRIDGEPORT.—Architect F. A. Cooper, 1217 Main St., has prepared plans for erection of building at Pembroke and Nichols Sts. for A. Cuneo.

Jos. R. Sekarah, 117 Grant St., will erect large building on Artic St., F. A. Cooper, Architect.

HARTFORD.—Whitney Manufacturing Company will at once erect factory on Bartholomew Street. Cost, \$35,000.

NEW MILFORD.—Bids will be received Aug. 15 for erection of \$30,000 brick school from plans of Wilson Potter, 1 Union Sq., New York, N. Y., John Pettibone, Secretary, Building Committee, School Board.

WATERBURY.—Plans are being prepared by Griggs and Hunt, 51 Leavenworth St., for erection of twelve-story building on North Main St.

DELAWARE

FORT DU PONT.—Bids will be received until 11 a. m., Sept. 6, for erection of brick quartermaster's workshop.

DISTRICT OF COLUMBIA

WASHINGTON.—G. O. Tolten, 808 Seventeenth St., N. W., has completed plans for four-story, \$150,000 white marble and stone residence to be erected at Twenty-third St. and Sheridan Circle for E. H. Everett.

WASHINGTON.—Architects Miller & Miller have about completed plans for erection of hotel at Potomac Heights for Potomac Heights Hotel Co.

FLORIDA

PENSACOLA.—T. L. Harding, Red Snapper Sauce Co., will erect residence at once in Englewood Heights.

GEORGIA

ATLANTA.—Wm. A. Albright will erect skyscraper at Peachtree St. and Auburn Ave.

ATLANTA.—E. E. Dougherty, Harry L. Walker, Candler Bldg., and Edward & Walters, Candler Bldg., have been selected to prepare plans for schools in various wards. Cost in all about \$600,000.

GAINESVILLE.—Grace Episcopal Church is considering erection of \$15,000 edifice. Rev. A. E. Sherrod, Pastor.

TOCOGA.—Citizens have voted bonds for schools.

WEST POINT.—Board of Education has decided to erect \$32,500 annex to school.

IDAHO

MOSCOW.—Moscow Union Warehouse Co. will erect warehouse. John L. Naylor is interested.

REUBENS.—Citizens will vote Aug. 27 on bonds for erection of school.

WALLACE.—Bids will be received for the erection of Carnegie library building. Preusse & Zittle, Jamieson Building, architects. J. E. Gyde, Secretary Library Committee.

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ILLINOIS

CHICAGO.—Frank Rayner will erect store and apartment house, cost \$20,000, at Fulton St. and Kedzie Ave.
American Express Co. will erect warehouse in near future on Indiana Ave.

Architect Z. T. Davis, Steinway Hall, has prepared plans for reconstruction of building at Dearborn and Washington Sts.

DECATUR.—Plans have been approved for erection of \$15,000 chapel for St. Mary's Hospital.

FREEPORT.—M. A. Steele is planning to erect residence on upper Stephenson Street.

MOLINE.—Revised plans for proposed church edifice have been adopted by Swedish Methodist Building Committee and bids will be opened Aug. 23. Henry Eckland, Kewanee, architect.

MOLINE.—Election on tax for erection of county jail is being considered.

MOLINE.—E. A. Pierr will erect business block on Fifth Avenue. H. W. Whitsitt, architect.

PEORIA.—Wm. H. Goebels will erect \$15,000 building at First Avenue and Monsen Street.

ROCKFORD.—Winnebago County has voted \$18,000 bonds to erect school.

INDIANA

BLUFFTON.—A. J. King Piano Co. will erect plant in this city. Merchants' and Manufacturers' Association is interested.

CRAWFORDSVILLE.—Supreme Tribe of Ben-Hur has purchased site at Water and Main Sts. for erection of new home office building in this city.

FORT WAYNE.—Gault & Gault, Architects, of Terre Haute, Ind., have been selected to execute plans for the new St. Andrew's Catholic Church, to be erected this fall at corner of Lombard St. and New Haven Ave.

EVANSVILLE.—Plans for a large and modern business college on Fifth St., are being drawn for M. H. Lockyear by Architect Manson Gilbert.

ELWOOD.—Local Order of Elks has decided to erect new lodge home in the city; committee has been appointed to select and purchase a suitable site.

HUNTINGTON.—Bids will be received until Sept. 19 for remodeling county jail; cost, about \$21,000. M. D. Brenneman, Architect; John W. Weaver, County Auditor.

LAFAYETTE.—Russian Jews will erect synagogue at Seventh and Union Sts.

LAPORTE.—C. N. Drescher, Michigan City, will erect \$7,000 residence on Kingsbury Ave.

NEW CASTLE.—New Castle Lodge, No. 484, Benevolent and Protective Order of Elks is considering question of permanent home.

PENDLETON.—Knights of Pythias have decided to begin work at once upon their new \$9,000 brick building.

SOUTH BEND.—Board of School Trustees, Chas. Weidler, President, is considering erection of \$250,000 high school.

IOWA

MASON CITY.—Commercial Club is interested in proposed erection of \$20,000 armory.

KANSAS

ATWOOD.—Architect L. M. Wood, 627 Kansas Ave., Topeka, has prepared plans for erection of school.

COFFEYVILLE.—Architect Geo. W. Colby, McCoy Bldg., has prepared plans for erection of \$10,000 edifice for German Evangelical Lutheran Church.

LAWRENCE.—United Brethren Church is considering erection of \$15,000 edifice at Ontario and Vermont Streets.

MERRIAM.—Town will erect school at cost of \$20,000.

KENTUCKY

FRANKFORT.—Prison Commission has decided to erect modern hospital.

LOUISVILLE.—Local Masons are considering erection of \$300,000 hospital. W. E. Morrow, Chairman, Committee.

Plans for \$90,000 apartment house to be erected by Breckenridge Realty Company, of Columbia Trust Company, on corner of Second and Breckenridge Streets, have been completed by Architects Gray & Hawkes, Louisville Trust Building.

Plans for \$25,000 residence near Cochran Hill entrance of

Cherokee Park have been completed for Frank Fehr by Architect John Bacon Hutchings, Columbia Building; work of construction will begin soon. Same architect has prepared plans for C. Pearce Dodd for residence to be erected on Longest Avenue at cost of \$8,000.

LOUISIANA

LAKE CHARLES.—L. R. Walden is considering erection of three-story brick building.

MARYLAND

BALTIMORE.—A. C. Schmidt & Co. are having plans prepared by Francis E. Torrey, architect, Wilson Bldg., for building to be erected at 411-413 W. Franklin St.

BALTIMORE.—T. H. Roberts has commissioned Architect E. L. Palmer to prepare plans for residence, cost \$12,000, to be erected on Edgedale Road, Roland Park.

BALTIMORE.—Warehouse, to cost \$50,000, will be erected on Lombard St. for the A. C. Meyer Co. Plans are being prepared by Mottu & White, Professional Bldg., Architects.

The Joseph L. White Realty Co. will build ten two-story houses on Monument St., to cost \$12,000. Plans were prepared by Architect Charles Broning.

J. F. Maher, Architect, has just finished plans for \$7,000 residence at Dorchester Road and Cleveland Ave. for Wilbur P. Parker.

BALTIMORE.—Architect John R. Forsythe, 232 St. Paul St., will receive bids until Aug. 17, on proposed Turkish baths to be erected for the Eutaw Baths, Incorporated, at 308 North Eutaw St.

The Baltimore County School Board, C. Herbert Rice, chairman, has decided upon the erection of \$50,000 public school at Old Pimlico road and Calvert Ave.

John Muller will begin at once the erection of a row of 11 two-story brick dwellings after plans by Architect Gordon Hopkins. Cost \$15,000.

HAGERSTOWN.—A \$60,000 hospital will be built under the direction of Dr. Henry M. Hurd, Superintendent of Johns Hopkins Hospital, Baltimore.

MASSACHUSETTS

BEVERLY.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until 3 p. m., September 8, for the construction complete of proposed post office.

BOSTON.—State Board of Insanity will soon call for bids for erection of additional buildings at Boston State Hospital. Cost \$358,000. Kendall, Taylor & Co., Architects.

BOSTON.—Chas. Kolody is considering erection of block to contain stores and eighteen apartments on Charter Street, North End. Cost, \$25,000. F. A. Norcross, 46 Cornhill St., Architect.

LOWELL.—Bids will be received until noon, Aug. 31, for erection of four-story Y. M. C. A. Building. F. A. Flather, Chairman, Executive Committee.

NEW BEDFORD.—Plans have been prepared by Chas. W. Praray for erection of proposed Booth Mill, on Clark's Point.

WEBSTER.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until 3 p. m., September 14, for construction complete of proposed post office, including plumbing, gas piping, heating apparatus, electric conduits and wiring of the the U. S. post office building.

MICHIGAN

ALLOUEZ.—School will be erected in Allouez Township at cost of \$10,000.

DETROIT.—Nettleton & Weaver, 1405 Penobscot Bldg., are preparing plans for concrete shelter building for the city.

MARQUETTE.—Marquette County Board of Supervisors will erect tuberculosis sanitarium.

SAGINAW.—West Side Y. M. C. A. will erect building at corner of Michigan Ave. and Ames St.

MINNESOTA

BEMIDJIL.—Council is considering erection of jail and remodeling of city hall.

COHASSET.—Citizens have voted to erect \$35,000 school building.

HIBBING.—Council and Township Trustees have decided to erect detention hospital on McKinley St.

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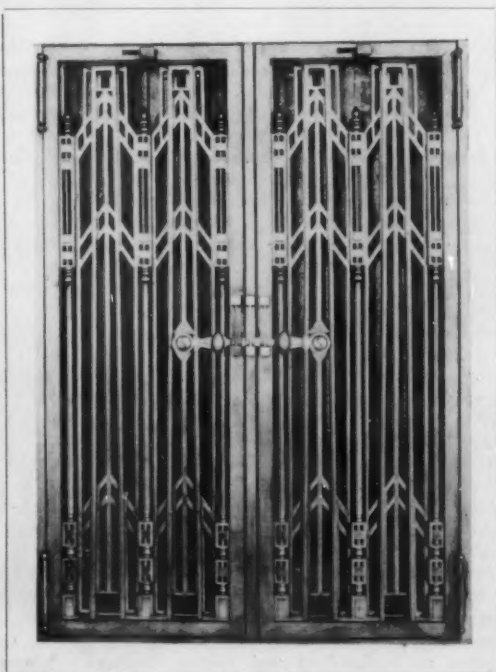
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MINNEAPOLIS.—W. F. Andrus will erect modern building on Fourth Street.

D. E. Ryan & Company will erect warehouse at Third Avenue North and Sixth Street.

ST. PAUL.—Commercial Club is considering erection of home.

ST. PAUL.—Plans have been completed for erection of proposed factory at Tenth and Sibley Sts., for O'Donnell Shoe Co. Webb Publishing Co. will erect \$30,000 addition to plant on Tenth St.

Plans are being drawn by Postle, Mahler & Denson, Germania Bldg., for erection of proposed power building at Eighth and Sibley Sts.

MISSISSIPPI

COLUMBUS.—The State Industrial Institute and College has adopted plans of R. H. Hunt, of Chattanooga, Tenn., for dining hall and dormitory. H. L. Whitfield, president.

HATTIESBURG.—Bonds, \$30,000, will be issued for erection of school.

NEWTON.—Board of Supervisors has decided to issue \$50,000 bonds for erection of court house.

RIGHTON.—City will issue \$12,000 bonds for erection of school.

SEMINARY.—Citizens have voted \$10,000 bonds to erect school and to complete water system.

MISSOURI

CLINTON.—Bids will be received until 3 p. m., Sept. 22, for erection of postoffice. Jas. K. Taylor, Washington, D. C., supervising architect.

KANSAS CITY.—Stone and brick office building, not less than seven stories and costing \$150,000, is to be erected at corner of Broadway and Tenth St. for Rothenberg & Schloss, of 812 Broadway.

KANSAS CITY.—Bids will be advertised for erection of police holdover from plans by Architect W. C. Root. Cost, \$10,000.

LEXINGTON.—Bids will be received at the office of Jas. Knox Taylor, Supervising Architect, Washington, D. C., until Sept. 12 for construction of postoffice.

ST. JOSEPH.—Erection of \$30,000 Carnegie Library in East St. Joseph is being considered. Director Pfeiffer of Public Library Board is interested.

ST. JOSEPH.—Park and Boulevard Board has accepted plans for erection of \$8,000 rustic stone pavilion in Bartlett Park.

Dr. Jacob Geiger will erect building on corner of Seventh and Francis Streets.

ST. LOUIS.—St. Bernard's Catholic Church, Rev. F. J. Bettels, Pastor, has plans by Joseph Stauder & Sons, 19 S. Broadway, for erection of \$50,000 edifice.

ST. LOUIS.—Hawthorne Investment Company, of which Richard A. Boyle and James E. Fogg are leading spirits, will erect eighteen-story \$700,000 building at Chestnut and Seventh Streets.

Mississippi Valley Trust Company has had plans completed by Architect J. M. Hershstein, Columbia Building, for the erection under its supervision of mammoth garage building at Delmar and Taylor Avenues.

MONTANA

KALISPEL.—Sisters of Mercy and business men plan hospital building to cost \$40,000. M. B. Rizzo, architect.

SALMON CITY.—Citizens have voted to erect \$40,000 school in Brooklyn addition.

NEBRASKA

BROKEN BOW.—Citizens have voted \$17,000 bonds for city hall and fire headquarters building.

OMAHA.—First Presbyterian Church is considering erection of edifice on Farnam St. J. C. Wharton, Chairman, General Committee.

Western Buyers' Association will erect two-story \$25,000 building on Cass St.

PLATTSBOUTH.—Bids will be received until 3 p. m., Sept. 19, for erection of post office. Jas. Knox Taylor, Washington, D. C., Supervising Architect.

STROMSBURG.—School, cost \$18,000, will be erected from plans of W. F. Gormandt, Fairbury. R. L. Castile, Secretary School Board.

NEW JERSEY

BAYONNE.—Frank Pyers, 68 Prospect Avenue, will erect \$65,000 store and apartment building on corner of Mechanics Street and Railroad Avenue from plans by Architect John J. Schmidt.

CAMDEN.—Plans for new Municipal Hospital have been adopted by Board of Health and Council.

EAST ORANGE.—E. V. Warren, 22 Clinton Street, Newark, has completed plans for two frame dwellings to be erected for Charles A. Morel on Springdale Avenue. Cost, \$5,000.

ELIZABETH.—Board of Freeholders is planning to issue \$50,000 bonds for erection of tuberculosis hospital. J. H. Doane is Chairman, Hospital Committee.

HACKENSACK.—Board of Education is considering erection of high school.

HARRISON.—Plans are being prepared by Engineer George K. Hooper, 165 Broadway, New York City, for \$50,000 foundry building which is to be erected by the Otis Elevator Company of 17 Battery Place, New York City.

HIGHTSTOWN.—Erection of \$25,000 school and an \$8,000 combined town hall and fire station is being considered. John R. Shangle, Mayor.

HOPEWELL.—Pierson & Sons, Metuchen, have been selected as the architects for three-story brick High School building to be erected for Board of Education of Hopewell township.

HOBOKEN.—Plans are being prepared by Architects Ludlow & Peabody of 12 W. Thirty-first St., New York City, for the erection of a laboratory, foundry and machine shop which will be erected by the Stevens Institute of Technology on Castle Point Terrace.

From plans as prepared by Architect Henry H. Holly, of 39 West Twenty-seventh St., New York City, \$5,500 chapel building will be erected at Bergen Ave. and Wegman Place for Faith Reformed Church.

JERSEY CITY.—American Musical Supply Co., 20 Morris St., will erect factory on Communipaw Ave.

The Board of Education has adopted plans and specifications submitted by Supervising Architect John T. Rowland, Jr., for erection of two schools.

Riegall Sack Co. will erect four-story building on Communipaw Ave.

JERSEY CITY.—Plans have been completed by Architect E. M. Patterson for \$35,000 storage building to be built on Johnson Avenue for A. Max, 52 Greene Street.

Plans have been completed by Architect William H. Bogart for \$20,000 apartment and store building at 349 Third Street for C. Imbriglio, 345 Third Street.

From plans by Architect Walter Hankin, two-family house will be built on Bidwell Avenue for Mrs. Agnes Heil, 104 Bidwell Avenue.

MILLBURN.—Prospero Marcantonio has had plans prepared for erection of \$6,500 dwelling on Main St.

NEWARK.—August M. Kleeman, 493 South Tenth Street is preparing plans for a \$5,000 single family residence for W. F. Van Sickle, to be erected on Lehigh Avenue.

Architect Nathan Myers, 238 Washington Street, is drawing plans for eight-story white marble apartment house to be erected on Clinton Avenue.

NEWARK.—Council is considering erection of modern almshouse.

NEW BRUNSWICK.—Board of Freeholders is considering erection of \$100,000 building.

PATERSON.—Mayor McBride has recommended erection of fire headquarters building on Van Houten St.

PERTH AMBOY.—Barber Asphalt Co. will erect large additions to plant.

PLAINFIELD.—Consistory of Netherwood Reformed Church has decided to erect parsonage at Leland and Midway Aves., for Rev. Royal A. Stout.

RIDGEWOOD.—W. P. Morgan, Goodwin Avenue, will erect summer home at Lake View Heights.

TRENTON.—Arrangements are being made for erection of three-story brick extension to the plant of Empire Rubber Manufacturing Company.

Bids will be received until 10.30 a. m., Aug. 25, for erection of school at Rutherford and Exton Avenues. Klemann & Fowler, First National Bank Building, architects. J. A. Hart-pence, Chairman, Committee on Buildings.

WHIPPANY.—Citizens will vote Aug. 17, on erection of school.

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NEW YORK

ALBANY.—Bids will be received until 3 p. m., Sept. 6, for erection of truck house at Marshall Street and Delaware Avenue. Isidore Wachsmann, Secretary, Board of Contract and Supply.

BINGHAMTON.—English Lutheran Church of the Redeemer will erect edifice at Main and Chapin Sts. Walter Whitlock, Architect.

CENTRAL VALLEY.—School will be erected at once. I. W. Mandigo, School Trustee.

ELMIRA.—Plans have been prepared by Architect Tilson, of New York City, for erection of Science Hall at Elmira College.

HINCKLEY.—Union Free School, District No. 3, will vote Aug. 30 on \$5,000 appropriation for addition to present school building.

LITTLE FALLS.—Erection of city building is being considered.

NEWBURGH.—Bids will be readvertised for erection of proposed fire house for Chapman Steamer Co.

NEWBURGH.—Y. M. C. A. is planning erection of building. Wm. R. Beal is interested.

NEW YORK.—C. W. Logeling, 1328 Broadway, will erect six-story brick apartment house, cost \$100,000, on Fifty-seventh St. H. L. Young, 1328 Broadway, architect.

Seewacha Realty Co., premises, will erect \$5,000 amusement hall at Westchester and Zeraga Aves. C. S. Clark, 445 Tremont Ave., architect.

NEW YORK.—Corporation of Trinity Church, 187 Fulton Street, will erect eight-story \$150,000 brick factory at 417 Canal Street. C. C. Haight, 452 Fifth Avenue, architect.

Park Avenue Holding Company, 10 Wall Street, will erect twelve-story brick apartment house at Park Avenue and Sixtieth Street. Cost, \$400,000. W. Greene, 5 Beekman Street, architect.

Mentor Realty Company, 198 Seventh Avenue, will erect seven-story brick lofts on Twenty-third Street. Cost, \$50,000. C. B. Meyers, 1 Union Square West, architect.

NEW YORK.—City will erect eight-story \$600,000 school on Irving Place. C. B. J. Snyder, architect.

NEW YORK.—Adam Mink, Gleason and Havemeyer Avenues, will erect four frame dwellings, cost \$20,000, on Ellis Avenue. B. Ebeling, 1136 Walker Avenue, architect.

NEW YORK.—Noonan & Price Co. will erect \$20,000 brick and cement manufacturing and loft building at Eleventh Ave. and Thirtieth St. John P. Boyland, 103 E. 125th St., Architect.

NEW YORK.—D. L'Ormsby, 451 W. 151st St., will erect \$15,000 garage on 151st St. H. Nordheim, 1087 Tremont Ave., Architect.

ONEIDA.—Architect Harry D. Phoenix, Rosenbloom Bldg., Syracuse, has prepared plans for four houses to be erected for Frank G. Shattuck, of Syracuse.

ONEIDA.—Architect M. D. Makepeace, Everson Bldg., Syracuse, has prepared plans for \$10,000 office building to be erected for Luke McHenry.

ROCHESTER.—Albert Feinberg will erect three-story brick building on Clinton Ave. South. Plans being prepared.

SCHENECTADY.—Bird S. Coler has had plans drawn for erection of residence near this city.

SYRACUSE.—W. E. Kimber is having plans prepared for six-family apartment house to be erected at corner of East Genesee and South Beech Streets.

Plans have been prepared for six-story factory building to be erected in East Water Street for Dodge & Zuill. Cost about \$20,000.

SYRACUSE.—Architect James D. Meehan, Hendricks Bldg., has prepared plans for modern one-family dwelling to be built on Danforth St.

TROY.—Competitive plans and specifications will be received by the Jail Commission, Rensselaer County, for three-story jail and sheriff's residence. Lansdale B. Green, Chairman, Building Committee.

WATERVLIET.—Plans by Architects Fuller & Robinson, Albany, have been accepted for \$35,000 high school building.

WINGDALE.—Contract for erecting new State Prison is expected to be awarded latter part of September. W. J. Beardsley, Poughkeepsie, architect.

YONKERS.—Erection of fire house in Tenth Ward is being urged.

NORTH CAROLINA

WINSTON-SALEM.—Southern Express Co. will erect warehouse on South Liberty St.

NORTH DAKOTA

FARGO.—St. Marks English Lutheran Church will erect edifice at Fourth Ave. and Eighth St., North.

OHIO

AKRON.—Thos. L. Childs is planning to erect hotel.

AKRON.—Site in Springfield Township has been purchased by Commissioners of Summit, Stark, Portage and Columbiana Counties for erection of tuberculosis hospital.

Work will be started at once on erection of proposed \$15,000 high school in Tallmadge. John Chapman, President, Tallmadge School Board.

ASHTABULA.—Bids will be received until Aug. 27 by H. F. Bugbee, Clerk Board of Education, Harbor Special School District, Lake St., for erecting school at Lake and Walnut Sts. W. G. Eckles, New Castle, Pa., Architect.

CINCINNATI.—Price Hill Lodge of Masons is considering erection of \$35,000 temple. Attorney Edw. Clayton is interested.

CINCINNATI.—First Roumanian Baptist Church of America is considering erection of edifice. Rev. G. R. Robbins, Lincoln Park Institutional Baptist Church, is interested.

CLEVELAND.—Architect O. K. Stapf, Rose Bldg., has prepared plans for several residences.

Contracts for erection of \$75,000 addition to the New Amsterdam apartment house, E. Twenty-second St. and Euclid Ave., will be at once let by Architect George H. Steffens, Williamson Bldg.

COLUMBUS.—Architects Stribling & Lum, 85 North High Street, have completed plans for \$5,000 double brick house on South Third Street for Fred J. Heer.

Plans for \$9,000 factory building for Federal Oak Leather Company are being drawn up by Architects Maetzel, Dresselt & Bassett.

Plans are being prepared by Architect Jacob S. Goldsmith, Wyandotte Building, for three-story bank and office building for Buckeye State Building & Loan Company, on West Gay Street.

Dr. W. G. Inglis and Chas. Swope will erect six-story \$50,000 office building at 677 North High Street.

Penitentiary Board of Managers has instructed Mariott & Allen, architects, Hayden-Clinton Bank Bldg., to advertise for bids for construction of a new prison dining hall to cost approximately \$160,000.

EAST YOUNGSTOWN.—Bids will be received by the Village Council until noon, August 23, for erection of a brick store and frame city building. R. F. Thompson, Youngstown, Architect. P. J. Carney, Jr., Village Clerk.

SPRINGFIELD.—Pike Township Board of Education is considering erection of school next year.

OKLAHOMA

ENID.—Plans will soon be prepared for erection of \$5,000 city jail.

OKLAHOMA CITY.—School Board is considering \$90,000 bond issue for schools.

OREGON

KLAMATH FALLS.—Architect Geo. McDonald has estimated complete cost of proposed hotel at \$117,810.

Plans have been prepared and bids will be asked at once for erection of \$15,000 city hall.

NEWBERG.—Kingsbury, Carey & Hallock, architects, Portland, are preparing the plans and specifications for \$15,000 brick building to be erected for First National Bank of that place.

PLEASANT HILL.—New bids will be asked by Union High School Dist. No. 1 for erection of proposed school.

PORTLAND.—Architect J. O. Wrenn is preparing the plans and specifications for a three-story building to be erected at corner of East Seventh and Hancock Streets for W. H. McMonies & Company.

PENNSYLVANIA

BEAVER.—Council is considering erection of city building.

BUTLER.—A second United Presbyterian Church, cost approximately, \$20,000, will be erected by congregation of that church.

CORNWALL.—Bissell & Sinkler, Bailey Building, Philadelphia, are planning two-story parish building for Cornwall Methodist Episcopal Church.

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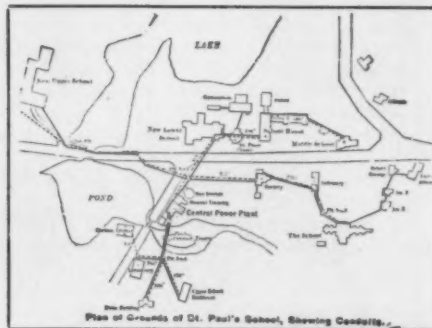
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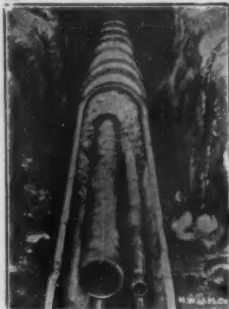
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FREDERICKSBURG.—Residents of North Woodbury Township are urging erection of school.

GLENOLDEN.—J. Frank Bradley, architect, Philadelphia, is planning residence for John D. Avil, of the Avil Printing Company, West Philadelphia.

KULPMONT.—Architect L. M. Bitterman, Shamokin, is preparing plans for four-room school building to be built at cost of \$16,000.

MOCONAQUA.—Architect Albert Hartman, No. 745 N. Irving Avenue, Scranton, has preparing plans for enlarging school at cost of \$5,000.

PHILADELPHIA.—Henry E. De Hoff is preparing plans for erection of a three-story cement and concrete blockhouse on Lancaster pike, St. Davids, for Howard D. Kraemer. Same architect is preparing plans for two-and-a-half-story brick and stone residence with wing, in West Chester, for Harry Smith.

PHILADELPHIA.—Isaac Pursell, architect, 119 South Fourth Street, is planning one-story and basement church at corner of Hancock and York Streets, cost about \$25,000, for Alpha Baptist Congregation.

Anderson & Haupt, architects, are preparing plans for large flathouse to be erected at a cost of over \$100,000 at corner of Fifty-first and Walnut Streets.

PHILADELPHIA.—Architect Horace Trumbauer, Land Title Building, has prepared plans for erection of \$50,000 mansion on Walnut Street for O. Eisenlohr.

Methodist Episcopal Church Extension Society has purchased site at F and Tioga Streets for erection of edifice.

PHILADELPHIA.—Architects Seymour & Paul Davis, 1600 Chestnut St., have prepared plans for \$500,000 five-story hotel to be erected at Browns Mill for Browns Mill Hotel Co.

Plans have been prepared by Joshua C. Jefferis, architect, Mutual Life Bldg., for erection of a \$50,000 bakery and stable on Walnut St., for Hutchison Baking Co.

PITTSBURG.—St. Peter's Italian Church, Webster Avenue and Tunnel Street, has purchased site on Forbes Street for erection of edifice.

READING.—Reading Iron Co. will erect \$20,000 boiler house.

SCRANTON.—Management of the Economy Store, Lackawanna Avenue, is considering erection of warehouse.

SHAMOKIN.—Architect W. H. Lee will prepare plans for erection of edifice on West Arch Street, Edgewood, for St. John's Evangelical Church.

SHARON.—Local Elks are considering erection of \$60,000 club house. Fred Taylor is interested.

SHARON.—Max Morrison will erect modern residence on South Irvine Ave.

SUNBURY.—Work will soon begin on erection of \$100,000 Federal building at Race and Third Sts.

TYRONE.—Citizens have voted \$40,000 loan for erection of high school.

WEST CHESTER.—Seymour & Paul Davis, 1600 Chestnut St., Philadelphia, have been commissioned to draw plans for \$45,000 dining hall in girls' dormitory of State Normal School.

YORK.—John H. Horn, Pennsylvania Ave., York, will erect store building at Queen St. and Springdale Ave.

Jos. Rose, Thirteenth Ward, will erect residence at Fox Station.

SOUTH DAKOTA

ABERDEEN.—E. M. Hail and H. L. Walker are interested in proposed erection of opera house at corner of Third and Lincoln Sts.

BROOKINGS.—Citizens will vote in fall on bonds for erection of court house.

GETTYSBURG.—County Commissioners of Potter county have accepted the plans and specifications for a new court house.

TENNESSEE

NASHVILLE.—Council has selected plans of W. B. Ittner, 9 Locust St., St. Louis, Mo., for \$300,000 high school.

TEXAS

BOSTROP.—Citizens State Bank will let contract August 22, for erection of building.

W. M. Andrews and Alfred Griesenbeck will erect residences.

CENTER POINT.—Citizens have voted \$14,000 bonds to erect school.

FALFURRIA.—Bids will be received until noon, Sept. 6, for erection of school. Alfred Giles, San Antonio, architect. J. A. Bellar, Secretary of School Board.

FORT WORTH.—Plans for the new Denver Ave. school building of North Fort Worth have been submitted to School Board and adopted. Cost about \$20,000.

GALVESTON.—Bids will be opened September 1 by Department of Commerce and Labor, Washington, D. C., for erection of proposed \$70,000 immigration station.

HILLSBORO.—Nazarene Church is considering erection of edifice.

HOUDO.—Catholic Congregation has decided to erect church.

PORT LAVACA.—Plans by Chamberlain & Co., Fort Worth, have been accepted for erection of \$40,000 court house.

POST CITY.—Double U Company will at once begin erection of twenty-five residences costing from \$1,500 to \$5,000 each.

ROTAN.—Bids will be received until September 1, for erection of City Hall. A. B. Davis, Mayor.

QUANAH.—Work will begin at once on erection of proposed \$25,000 edifice for Baptist Church. A. B. Jones, Chairman, Special Committee.

UTAH

SALT LAKE CITY.—Bids will soon be asked by Architect J. A. Headlund, Mackintosh Bldg., for erection of proposed \$120,000 county hospital to be erected at Twelfth, South and State Sts.

VERMONT

CHESTER.—Citizens have voted \$25,000 bonds for purchase of site and erection of school.

HARDWICK.—Town has voted to purchase site for building to be erected to memory of Soldiers and Sailors of War of Rebellion.

VIRGINIA

LYNCHBURG.—Federal Building will be enlarged at cost of \$150,000.

NORFOLK.—Robert Johnston has plans prepared for erection of modern building on Main St.

RICHMOND.—Board of Fire Commission is planning erection of \$11,000 engine house. L. S. Jones, secretary.

SALEM.—Architect H. M. Miller, Roanoke, has prepared plans for erection of \$25,000 addition to Leas & McVitty's tannery.

WASHINGTON

KEMEWICK.—Architect Chas. Wood, Peyton Block, Spokane, has prepared plans for erection of \$12,000 school.

SPOKANE.—Architect N. J. Bensinger, 548 Peyton Bldg., will erect \$12,000 flat on Division St., Monterey Park.

From plans just drawn by the Ballard Plannery, H. E. Depeel will construct \$6,000 modern home at corner of Lincoln St. and Twenty-second Ave.

SPOKANE.—John I. Daniel will erect apartment house at corner of Browne Street and Fifth Avenue.

Great Northern Railway Company is considering erection of warehouses along Ferry Avenue.

SPOKANE.—August Paulsen is considering erection of \$25,000 mansion on Thirteenth Ave.

SUMNER.—Citizens have voted \$17,000 bonds for erection of school.

WISCONSIN

BELOIT.—School District No. 2 will erect new school. John Lynch, President, Directors.

BURLINGTON.—Government building, cost \$30,000, will be erected.

FOND DU LAC.—Sisters of St. Agnes will expend \$10,000 in improvements at convent and hospital.

LIVINGSTON.—Citizens have voted to erect \$8,000 high school building.

MARINETTE.—Council has appropriated \$30,000 for erection of schools.

MENASHA.—Geo. Banta Publishing Company will erect business block. Plans drawn.

MILWAUKEE.—Home Savings Bank, Faustin Prinz, president, will erect building in vicinity of Third Street and North Avenue.

MILWAUKEE.—The H. B. Stanz Company, 415 Broadway, has purchased site at 310 Broadway and will erect new building in near future.

MILWAUKEE.—Plans for a \$45,000 store and office building on corner of Second and Sycamore Sts. have been prepared for the J. J. Orton Estate.

Agato Co. will erect factory. Dr. L. W. Booth, City, Secretary.



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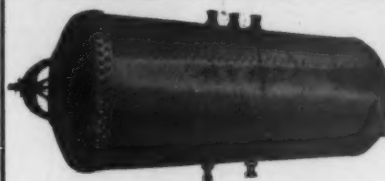
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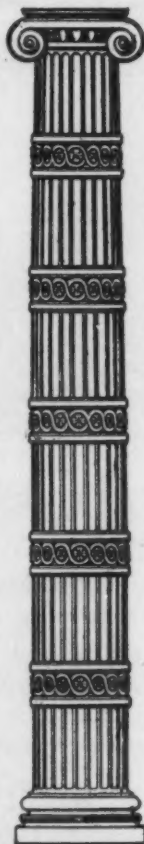
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PROPOSALS

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 27, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 8th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Beverly, Mass., in accordance with the drawings and specifications, copies of which may be obtained from the Custodian of site at Beverly, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 28, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 12th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Lexington, Mo., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Lexington, Ky., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., July 30, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 14th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Webster, Mass., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Webster, Mass., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 8, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 22d day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Clinton, Mo., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Clinton, Mo., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1807-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 3, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 16th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring),

of the U. S. Post Office at Harriman, Tenn., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Harriman, Tenn., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1808-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 1, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 15th day of September, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Waycross, Ga., in accordance with drawings and specifications, copies of which may be had from the Custodian of site at Waycross, Ga., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1808-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 4, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 20th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Easton, Pa., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Easton, Pa., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1808-9)

NOTICE TO CONTRACTORS

Ithaca, N. Y.
Sealed proposals for construction, including plumbing, heating and ventilating and electric work for additions to the northeast wing of the N. Y. State Veterinary College Building, Cornell University, Ithaca, N. Y., will be received by E. L. Williams, Treasurer Cornell University, Ithaca, N. Y., until 3 o'clock P. M., on the 25th day of August, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by a certified check in the sum of \$1,000 and the contractor to whom the award is made will be required to furnish surety company bond in the sum of \$10,000 within thirty days after notice of award of contract and in accordance with the terms of Specification No. 1380. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of E. L. Williams, Treasurer Cornell University, Ithaca, N. Y., and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y. (1808-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 8, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 21st day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Warrensburg, Mo., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Warrensburg, Mo., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1808-9)

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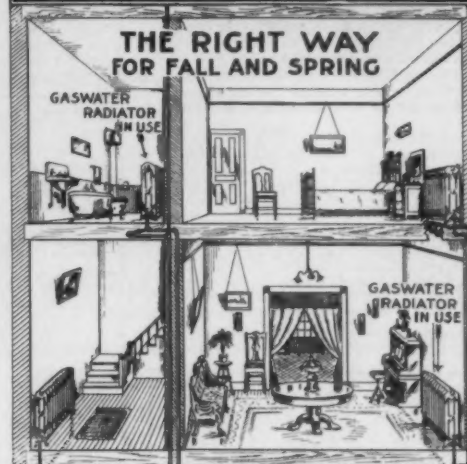
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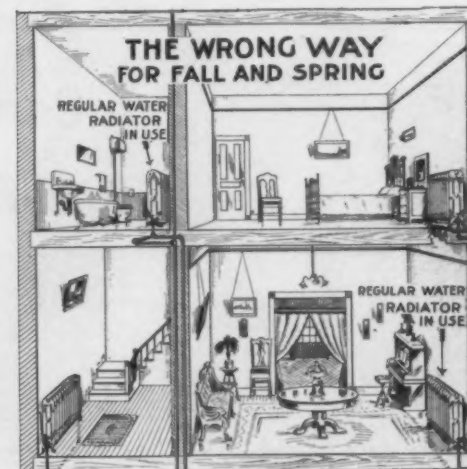
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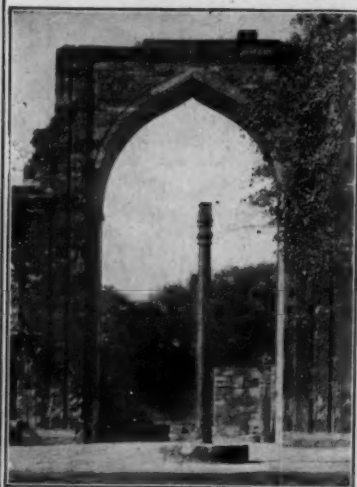
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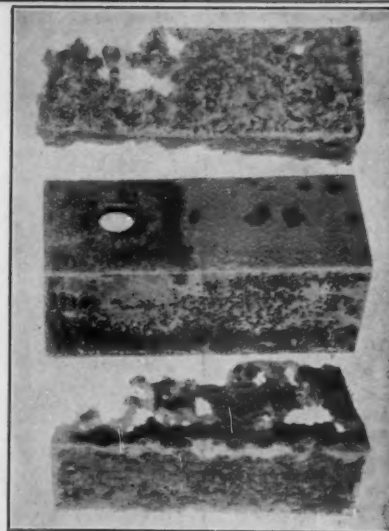
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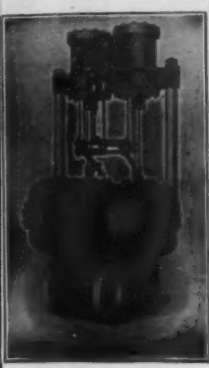
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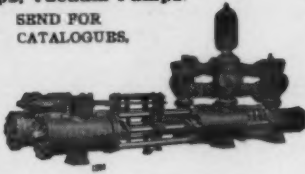
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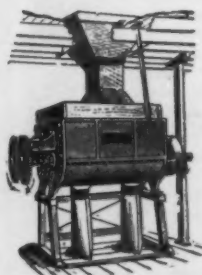
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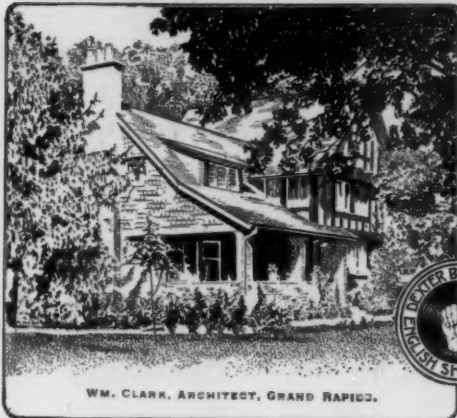
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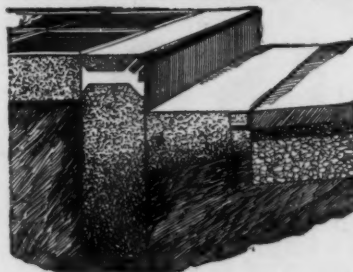
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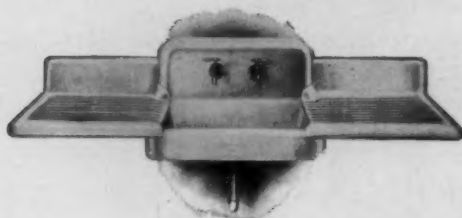
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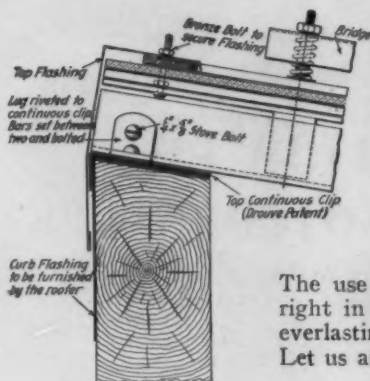
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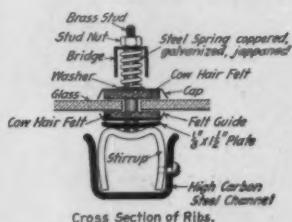
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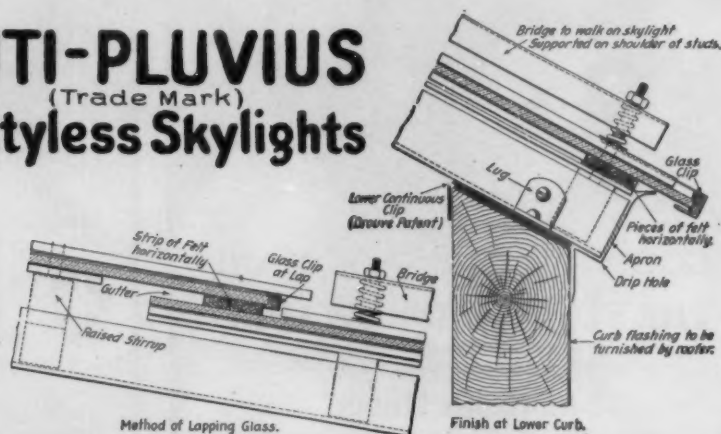
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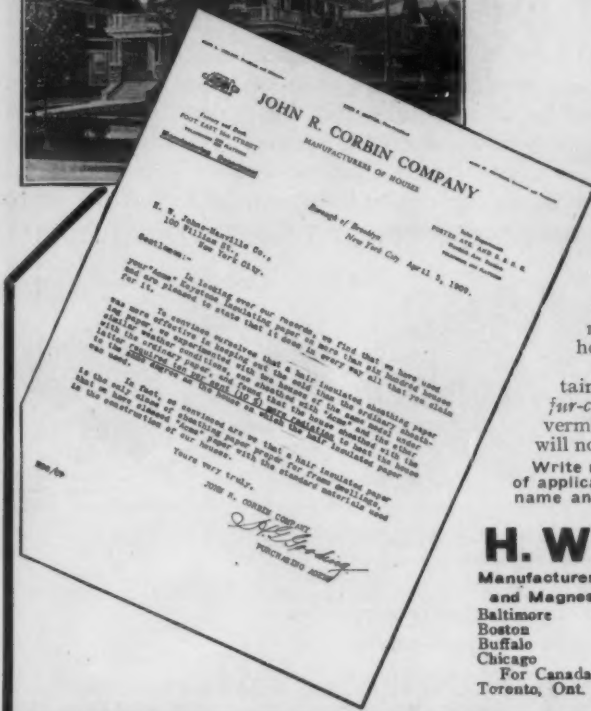
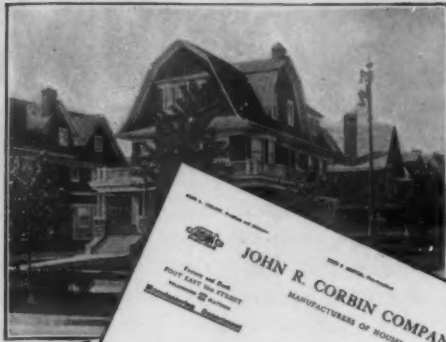


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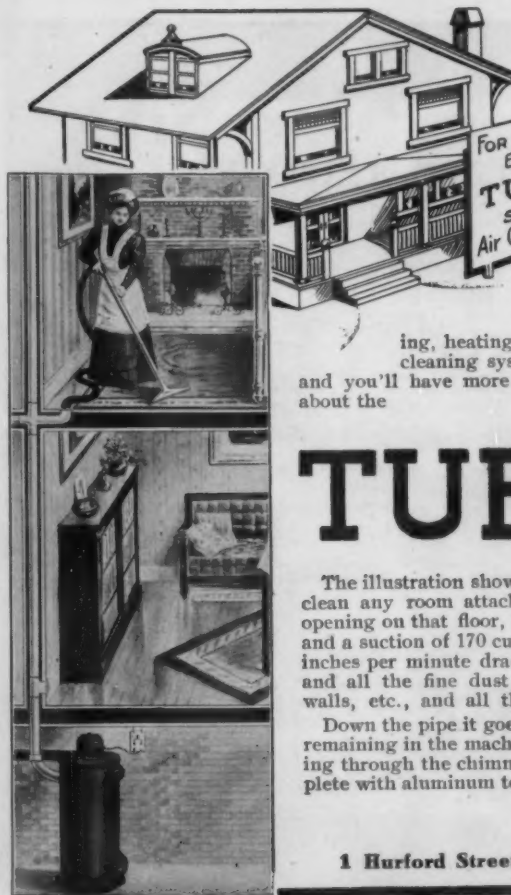
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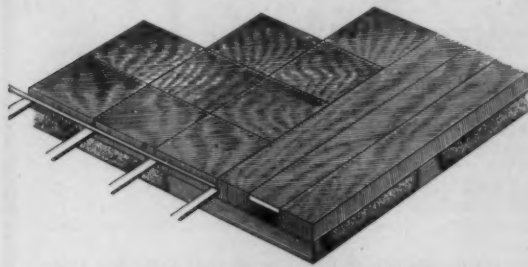
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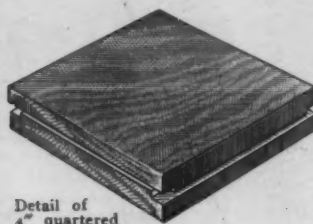
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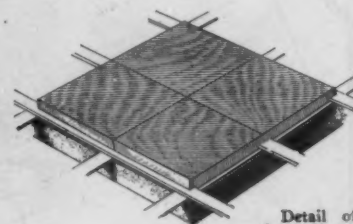
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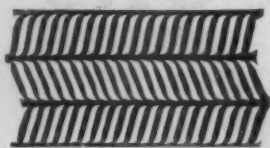
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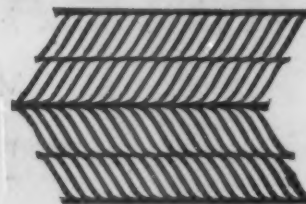
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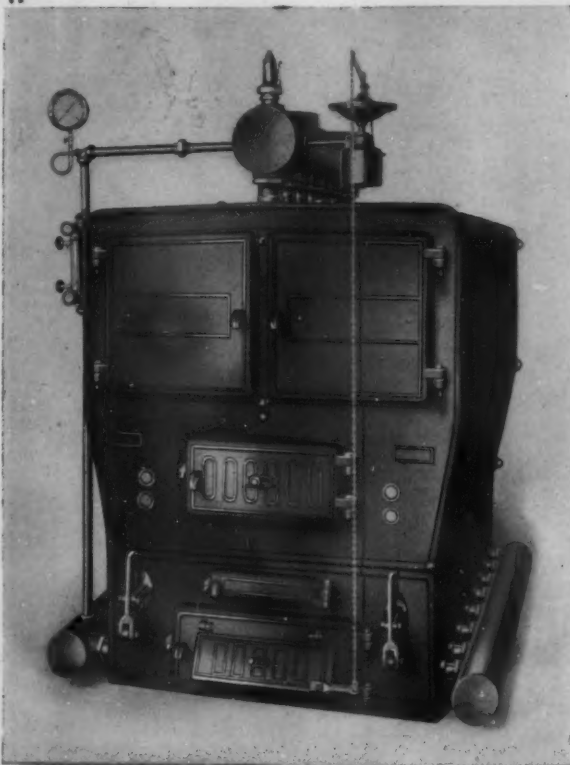
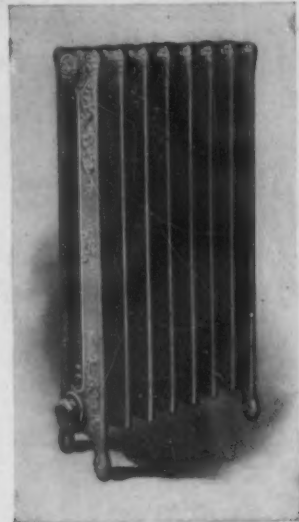
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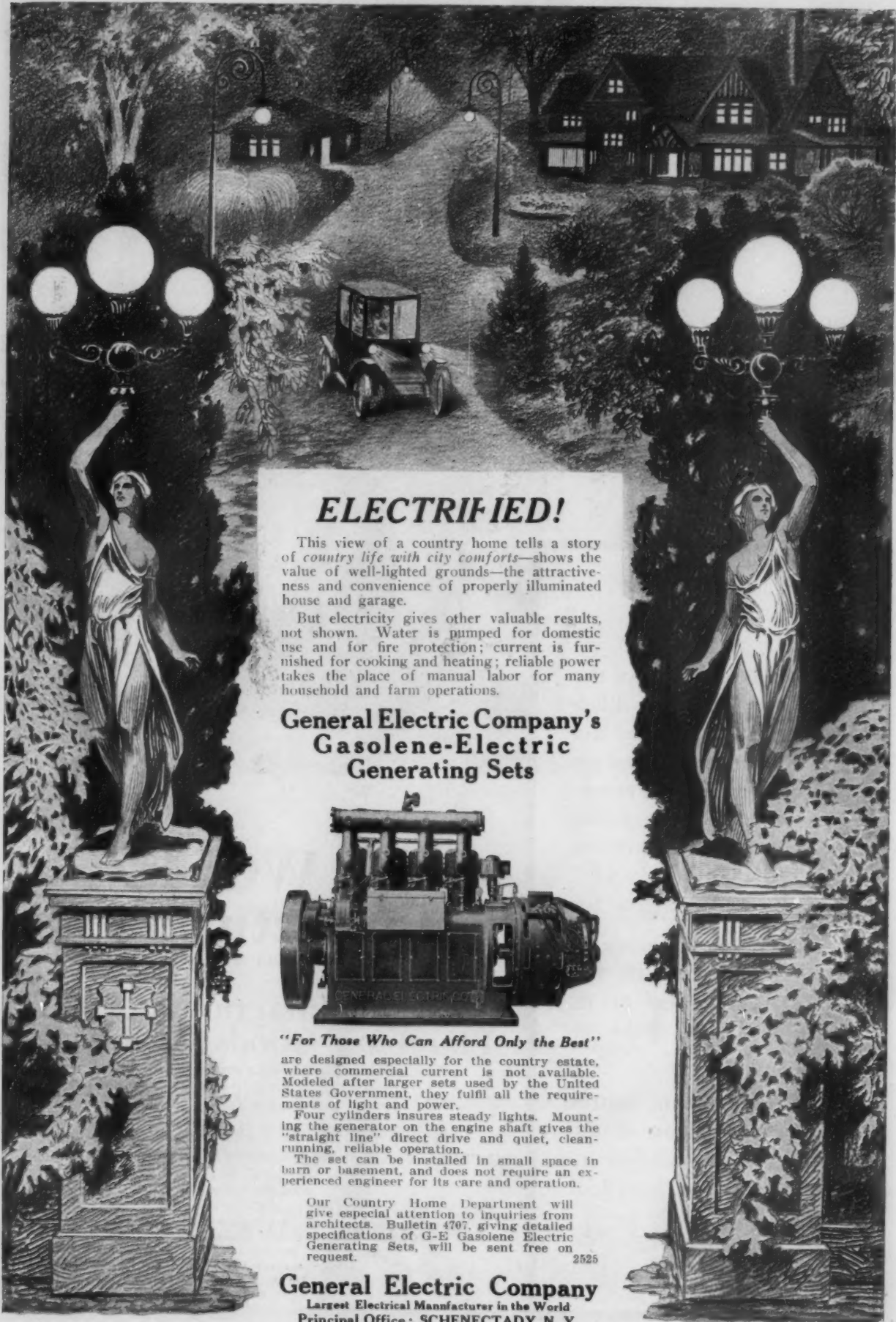
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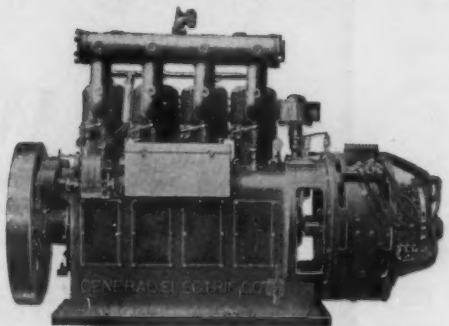


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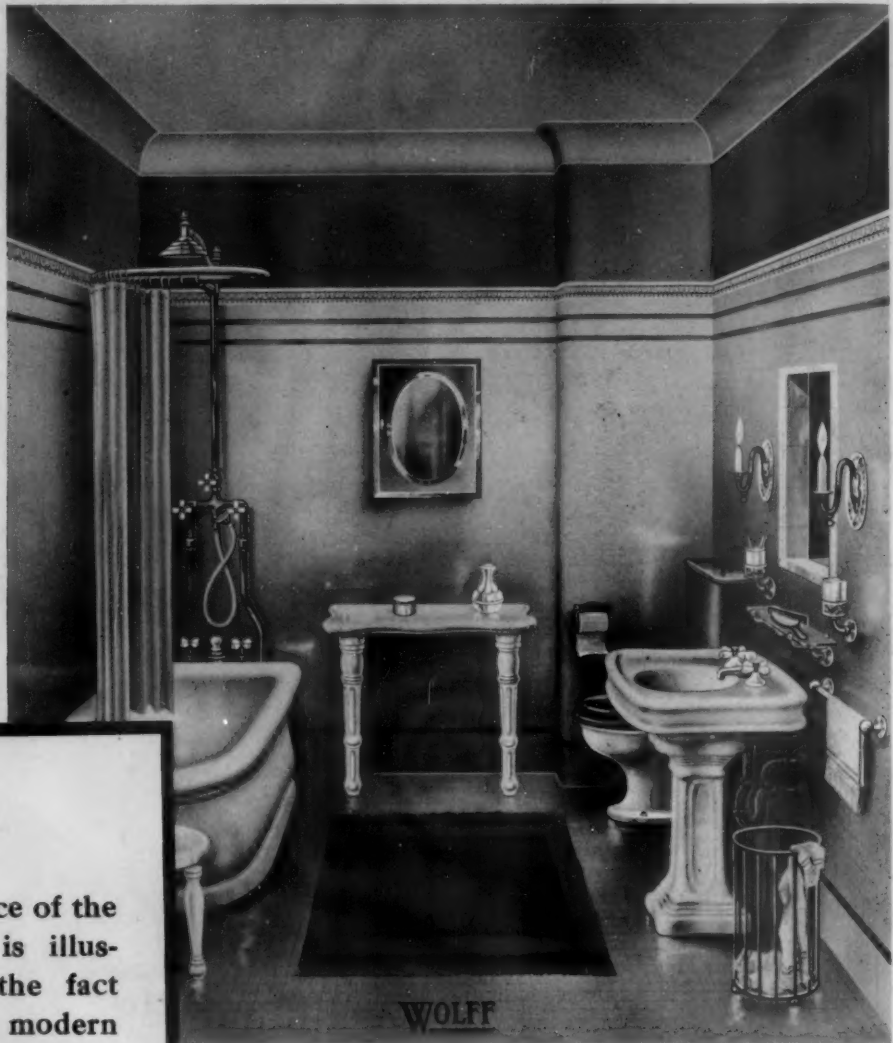
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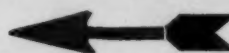
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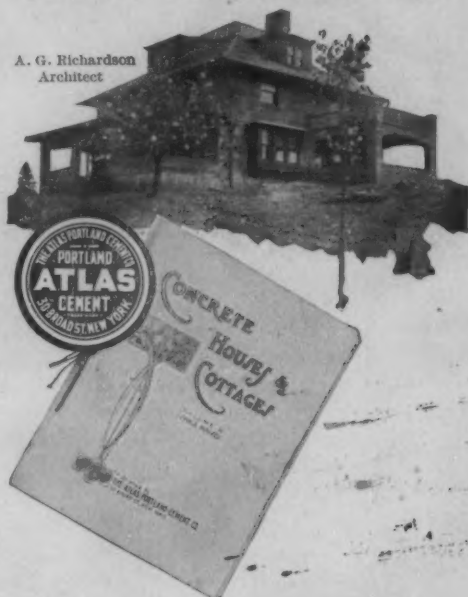
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Competitions as Viewed by the Engineer

There is much in actual experience that would confirm the following editorial opinion of the *Engineering Record* in regard to the desirability and value of competitions for the purpose of selecting an architect or engineer to perform a given piece of work. It says:

Although architectural competitions are frequently used as a means of choosing architects or of securing preliminary designs, it is very doubtful whether this method is conducive to best results. Engineers are comparatively free from this practice except in the design of some structures such as small bridges. A few years ago when an engineer submitted a plan for a bridge he was very apt to find himself in competition with one or more bridge companies, but now, even in this branch of engineering, it is common practice to employ an engineer who prepares his own designs which are then submitted to bridge companies for bids. Architectural competitions are generally of no advantage to the owner. To make them successful he must first choose an adviser, whose duty it is to formulate the terms on which the competitors must base their designs and to conduct the competition. The American Institute of Architects has given this matter considerable attention, and under the code of that society it is unprofessional for any member of the institute, or, of a chapter thereof, to participate in a competition, whether as competitor or as juror, unless the program shall first have been approved by the Committee on Competitions of the Institute or by an authorized sub-committee. A contest of this kind is a slow and expensive process of choosing an architect, and in a great majority of cases it would be much better if he were chosen directly and solely upon his fitness to design and to superintend the work. It is possible that a competition may bring forth a meritorious general design for a building, and the author thereof be so entirely lacking in executive ability and in the technical knowledge necessary to prepare detailed designs as to be incapable of carrying the work to successful completion.

Will Preserve City's Landmarks in Photographs

It is with some satisfaction we note the action of the Mayor of Portsmouth, Va., who has ordered photographs made of old buildings about to be razed to make way for projected new structures.

We have often urged in these columns the necessity for similar action whenever, owing to the exigencies of building operations, structures that have historical or architectural associations are demolished.

In a series of articles preparing for this magazine, and which will deal with certain architectural phases in the period from 1830 to 1860, it was necessary to secure pictures of certain buildings noted for the excellence of their architectural design. These buildings, mostly in the business sections of New York, Baltimore, Philadelphia and Washington, have been taken down and their sites now occupied by larger and oftentimes buildings of indifferent architectural excellence. In some cases it has been found impossible to secure pictures and those that have been collected have been loaned

to us for reproduction, only on condition that they be carefully handled, as of much value.

While it might be too great a task to photograph every street at certain points every few years, there are so few of these old and much prized buildings still standing it would seem as if the Mayors of our large cities might well follow the example of Portsmouth's Mayor and arrange that whenever an old structure is to be demolished it should first be photographed and a print be lodged in the city's archives.

Municipal Maintenance

Director Durand of the Census Bureau, in a letter to Secretary Nagel of the Department of Commerce and Labor, states that, of the \$405,000,000 spent in 1908 in maintaining and operating the city departments of the 158 largest cities in the United States, the maintenance of schools represents 95 per cent. of the total expenses of cities for "education" and costs more than any other municipal function. The protection of life and property by the police, fire and associated departments was second in cost.

These two functions of education and the protection of life and property cost 55 per cent. of about \$405,000,000. For the whole group of cities the average per capita expense for schools was \$4.70, for police \$2.25 and for fire \$1.72.

The item of \$1.72 for fire protection is of much significance, as it shows an increase over a corresponding period of 39 cents per capita which, taken into consideration with the greatly increased fireproof construction, shows the large increase of building in the aggregate.

Exhibition of American Paintings in Germany

The exhibition of German paintings exhibited at the Metropolitan Museum of Art a year ago called forth expressions of opinion that ran the entire gamut of criticism. This collection was hung under the direction of Mr. Hugo Reisinger, through whose initiative it was gathered in Germany.

Since then Mr. Reisinger has collected what may be considered a representative lot of American canvases and sent them to Berlin, where they have been on exhibition.

A correspondent to a daily paper, referring to this exhibition, states:

"The paintings by American artists collected by Hugo Reisinger, of New York, and recently exhibited in Berlin and Munich, have apparently impressed the German critics differently. A translation in part of an article on the American paintings in *"Kunst fuer Alle"* by one of the best known German art writers, Paul Clemen, has been published in the July number of *Current Literature*. Some views of our best known artists startling to our American ears are therein expressed, but throughout the article runs a subtle vein of admiration for our art which Herr Clemen discloses in spite of himself. The disciplined technique of our painters, the refined quality of their work as a whole, and the reserve of their artistic conceptions which we have come to regard as sanity, is dwelt upon with a keen but, on the whole, enjoyable sarcasm."

The Painting of Cement and Concrete Structures

In painting cement and concrete structures, failure to produce satisfactory results has, in most cases, been due to the painter's lack of knowledge of the oil destroying properties of the alkali in the cement and of the chemicals necessary for the neutralization of these alkalies. Mr. Chas. Macnichol, of Washington, D. C., in a paper read before the American Society for Testing Materials, describes a method of treating cement surfaces for painting which he has now used for several years with success. The method consists in applying to the cement surface a solution of zinc sulphate and water, mixed in equal parts by weight, and using an ordinary bristle brush. It is applied after the cement is dry. The wall is allowed from 48 to 72 hours for drying and is then, it is stated, as safe to paint as an ordinary plaster wall. The reason why some such treatment should be necessary before applying a paint coating to the surface of concrete is stated as follows: When Portland cement sets, a certain amount of lime is set free in a hydrated condition as calcium hydroxide. This, being a strong alkali, tends to saponify the oil in the paint coating, and thus destroy it. The work done by the applications of the zinc sulphate is to destroy the alkalinity, and change the calcium hydroxide into a mixture of calcium sulphate and zinc oxide. Another point of advantage, and a very important one to the painter, is the filling of the pores of the concrete, thus saving a considerable amount of paint which would otherwise be wasted by penetrating too deeply into the wall.

Barnard's Groups for Pennsylvania's Capitol

As to George Grey Barnard's colossal groups in marble, for the Pennsylvania Capitol at Harrisburg, which were exhibited at the Paris Salon this year, the opinions of the European critics are of considerable interest. Although not all the critics agree in praising his groups, these unusual works caused a great deal of discussion and made a deep impression. *Le Temps* said: "The grandeur of inspiration in the ensemble, the power of the sentiment, the perfection of the technique in the statues that compose these groups have produced among the French sculptors a profound sensation and the greatest admiration." *La Petite République* said: "They are certainly colossal, both in size and in art achievement, and each figure, taken separately, is harmoniously placed and seriously modeled."

Town-Planning Competition in Australia

A great town-planning competition is about to be announced by the Government of the Commonwealth of Australia, who are nearly ready to proceed with the new Federal capital. This is the first occasion since the laying out of Washington that a national capital has been offered for complete planning.

Statue for the Minnesota State Capitol

The statue of the late Governor John A. Johnson, of Minnesota, which it is proposed to place in the State Capitol at St. Paul, is being modeled in the studio of

Andrew O'Connor, near Paris. Cass Gilbert, the architect of the capitol, writes from Paris that he has viewed Mr. O'Connor's work and commends it in the highest terms.

Bronze Doors for Capitol—New Portal to Be Placed at West Main Entrance

New bronze doors to complete the series of entrance doors to the Capitol have arrived at Washington and will be placed in the main west entrance of the building. The doors were designed by Professor Louis Amateis, of Washington. The design consists of a transom and two doors, with an ornamental frame. The doors are nearly 8 feet wide and 13 feet in height.

SOCIETIES

Third Annual Convention of the Royal Architectural Institute of Canada

The third annual assembly of the Royal Architectural Institute of Canada will be held at Winnipeg in the Assembly Hall of the University of Manitoba on August 25, 26 and 27. The headquarters of the members during the meeting will be the Royal Alexandra Hotel.

Los Angeles Architectural Club Will Hold Exhibition

The Los Angeles Architectural Club has set about in an energetic way in perfecting plans for the proposed architectural exhibition.

The following committee on the exhibition has been appointed:

Arthur R. Kelly, chairman; Elmer Gray, Frederick L. Roehrig, Frank F. Kegley, Jr., John T. Vawter, Henry F. Withey.

PERSONAL

We are informed that J. Stewart Barney, architect, New York, has removed his offices to No. 40 West 38th street.

INDUSTRIAL

The Edison Aggregate

This interesting monthly publication, issued by the Edison Portland Cement Co., 920 St. James Building, New York, presents in its August issue much information and many illustrations of value to cement workers who desire to keep posted on the latest achievements in concrete construction.

This issue illustrates many different tanks, water troughs and swimming pools and their ornamentation. Previous issues on Garages and Property Improvements, Walls, Piers and Pockets are equally interesting and instructive.

Copies may be had on request.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—Mt. Moriah M. E. Church will erect edifice. Rev. A. L. Boyd, Pastor. Chamberlin & Co., Dude Bldg., architects.

NORTH BIRMINGHAM.—North Birmingham Trust & Savings Bank, C. B. Rogers, President, has adopted plans for erection of \$5,000 bank building.

ARIZONA

PHOENIX.—Adams Hotel Co. is considering erecting a concrete hotel at a cost of about \$200,000. Geo. M. Halm, A. W. Ballard, R. W. Craig and others, directors.

ARKANSAS

LAKE VILLAGE.—Chicot County has issued \$25,000 bonds for erection of school. Wm. Kirten, County Examiner.

CALIFORNIA

LOS ANGELES.—Farmdale School District will vote on \$15,000 bonds for schools.

LOS ANGELES.—It is stated in the local press that an annex will be built to the present City Hall. Provision for the appropriation of \$40,000 has been made.

MAXWELL.—Maxwell Lodge, I. O. O. F., is considering erection of \$12,000 home. Specifications prepared.

PASADENA.—The G. Lawrence Stimson Co., 1211 Avoca St., has prepared plans for a \$25,000 residence to be erected at 378 S. Orange Grove Ave.

SAN FRANCISCO.—Board of Works will consider erection of fire house at Pier 25, Lombard and Greenwich Sts.

Rincon Warehouse Co. will erect warehouse at Federal and Second Sts.

SAN FRANCISCO.—The Grand Council of the Young Men's Institute, in session at Stockton, Cal., have passed a resolution favoring the erection of an institute building in San Francisco at a cost of \$100,000.

WILLIAMS.—Williams Union High School District will again vote on \$25,000 bonds for erection of school.

YUBA CITY.—Architect Geo. C. Sellon, Sacramento, will prepare plans for erection of hotel.

CONNECTICUT

BRIDGEPORT.—Architect Arthur S. Meloy is drawing plans for \$8,000 house in West End for Philip Stein, of New York.

Architect William Schmidt is drawing plans for house on State St. Extension for James Birhey.

MANCHESTER.—German Concordia Church will at once erect parsonage on Garden St.

NEW BRITAIN.—Landers, Frary & Clark are planning to erect seven-story factory building at E. Main and Center Sts.

WATERBURY.—Architects Greggs & Hunt, 51 Leavenworth St., have prepared plans for erection of residence on Hewlett St. for Robert Dennison.

WATERBURY.—Plans have been completed by Architect C. A. Ketchen, Jr., for a new frame house on Oakland Ave. for Herbert Beardsley.

Plans are being prepared by Architect C. A. Ketchen, Jr., for a new frame three-family house on Beacon St., for James McNellis.

Plans have been completed by Architect C. Jerome Bailey for a new frame three-tenement house on Elmwood Ave., for J. A. Peasley and B. J. Torkomian.

Architect C. Jerome Bailey has completed plans for a new frame three-family house on South St., for Alexander Genest.

DISTRICT OF COLUMBIA

CHEVY CHASE.—Thomas J. Fisher & Co. has just closed the sale of a large lot in section No. 2, Chevy Chase, to a well-known local business man.

Plans for three residences, which will be ready for occupancy by December 1 in section No. 2, have just been received from the architect.

CHEVY CHASE HEIGHTS.—Plans have been completed for the erection of the home of James Davidson, of the firm of Davidson & Davidson, at Chevy Chase Heights. Plans also are about ready for delivery to Dr. Wilbur Phelps for his home, to be erected on the lot recently purchased by him at Thirty-eighth and Jocelyn Sts.

WASHINGTON.—Architect J. H. De Sibour, Hibbs Bldg., has prepared plans for erection of \$900,000 theater and office building to be erected at Fifteenth and G Sts., N. W.

William G. Harter will erect a business building on Lot 14, in Square 2897, on the west side of Georgia Ave., to cost about \$7,500.

FLORIDA

FORT BARRANCAS.—Bids will be received until 11 a. m. Sept. 12 for erection of fire station. Address Constructing Quartermaster.

ORLANDO.—Orange County Fair Association is considering erection of \$50,000 building.

PENSACOLA.—Jas. M. Clark will at once erect \$14,000 residence on Moreno St. Plans prepared.

GEORGIA

ATLANTA.—City will open bids about September 20 for erection of proposed \$40,000 school building. W. A. Edwards, Candler Bldg., Architect.

Central Avenue Methodist Episcopal Church, Rev. J. A. Rush, Pastor, will soon select architect to prepare plans for proposed \$40,000 edifice.

BRUNSWICK.—Brunswick Fertilizer Co. will erect factory. Major C. Downey is interested.

WAYCROSS.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until Sept. 15, for construction of post office.

ILLINOIS

CHICAGO.—It is stated in the daily press that Harry T. Weeks will erect a garage to cost \$50,000, on the plot recently acquired by him on "Automobile Row." Shank & Co., are architects.

DECATUR.—Charles A. Ewing will, it is stated in the local press, erect, on the corner of Powers and Forest Aves., a residence to cost \$15,000.

ELGIN.—Odd Fellows will erect large temple on Grove Ave. Plans prepared.

PEORIA.—We learn from local papers that the Anheuser-Busch Brewing Co. will erect a building to cover the entire "flatiron" block bounded by Main, Glendale and Knoxville Aves. Welman & Walsh, of St. Louis, are the architects. Plans call for a brick and terra cotta building at an estimated cost of \$45,000.

INDIANA

ELKHART.—Northern Indiana Railroad is receiving bids for erection of \$12,000 depot.

EVANSVILLE.—Architect Fred Schlotter, Dickman Bldg., has prepared plans for erection of livery stable and residence.

IOWA

COUNCIL BLUFFS.—F. E. Cox, architect, has prepared plans for the new club house on N. Main St. which the Order of Eagles will erect.

DES MOINES.—A bond issue of \$400,000 has been sold to provide funds for the erection of the East High School, mentioned in previous reports.

KANSAS

LAWRENCE.—Lake View Fishing & Hunting Association is planning to erect \$10,000 club house.

TOPEKA.—Bids will be received until September 5, by the State Board of Control, for the furnishing of labor and materials for the erection and construction of a hospital for women at the Topeka State hospital. Charles H. Chandler, State Architect. Plans and specifications are on file at the office of the Board of Control, Topeka.

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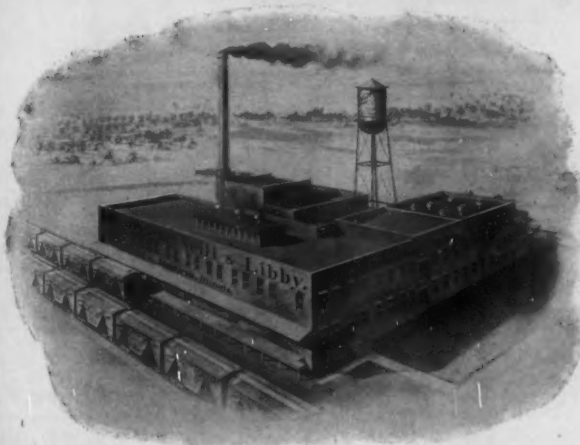


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KENTUCKY

LOUISVILLE.—Architect John Bacon Hutchings is working on plans for new \$60,000 three-story stone addition to be built to Christ Church Cathedral on Second St.

Architect B. B. Davis will prepare plans for erection of residence and other buildings at Clay and Frankfort Aves. for Ohio River Land Co.

John Sass, 105 W. Market St., will erect \$6,000 residence at 1239 Bardstown Road. J. J. Gaffney, architect.

LOUISIANA

LABADIEVILLE.—Assumption Parish Police Jury, Napoleonville, has decided to erect \$6,000 school.

NEW ORLEANS.—Jefferson College has accepted plans by Architects Andry & Bendernagel for splendid science hall, and construction will begin in a short time.

OPELOUSAS.—The building committee of Union Bank and Trust Company has employed Favrot & Livaudais, of New Orleans, as architects of building to be erected here for the use of bank, and plans have been adopted.

MARYLAND

BALTIMORE.—Frederick Shaw is having plans made for three-story brick apartment house at Walbrook Ave. and Thirteenth St., to cost about \$30,000. A. Lowther Forrest, 417 St. Paul St., Architect.

Plans for new cottage to be erected in connection with Springfield State Insane Asylum at Sykesville are nearing completion by Parker, Thomas & Rice, Union Trust Bldg., Architects. Cost, about \$25,000.

Emory & Nussear, Architects, are preparing plans for residence to be erected at Roland Park.

Clarence H. Slater will build 2½-story frame dwelling at Roslyn and Piedmont Aves., Walbrook, to cost about \$6,000. Plans for the house are being made by C. M. Anderson, 324 N. Charles St., Architect.

Jacob F. Gerwig, 210 E. Lexington St., is preparing plans for a \$10,000 residence, to be erected at the corner of Forest and Oakdale Aves. for Frederick Osterling.

BALTIMORE.—Messrs. Chas. and Wm. Tickner will erect home on the lake drive this fall.

L. G. Corkran will erect \$10,000 cottage at Midland and Keswick Aves. Ellicott & Emmart, Union Trust Bldg., architects.

Baltimore Buggy Top Manufacturing Co. will erect garage and warehouse at Maryland and Mount Royal Aves. Plans being prepared.

Edw. W. Gorman will erect three two-story dwellings on Augusta Ave. F. E. Beall, 213 St. Paul St., architect.

Consolidated Gas & Electric Co. will erect \$5,000 garage at corner of Monument and Grove Sts.

BALTIMORE.—Edward J. Gallagher is having plans made for twenty two-story brick dwellings to be erected on Chesapeake St., near Eastern Ave. The work of building is expected to start in a few weeks.

Ferdinand Barre is having plans made by T. W. Pietsch, architect, for a residence, to be erected at the corner of Cleveland and Dorchester Aves., to cost about \$10,000. The house will be a brick and stone structure, with a terra cotta roof, and will be finished inside with hardwood.

BALTIMORE.—Architect Jacob F. Gerwig is preparing plans for a new engine house to cost \$3,000 at the solicitation of the Baltimore County Commissioners.

BALTIMORE.—William A. Sailer will build house at Roland Park, to cost \$18,000. Plans have just been completed by Architect Thomas C. Kennedy.

Plans have been prepared by Architects Owen & Sisco for erection of building for American Agricultural & Chemical Co. at South and Water Sts.

Government will purchase site at Locust Point for erection of proposed Federal immigration station.

Congregation of Starr Methodist Protestant Church, S. Poppleton St., Rev. G. W. Haddaway, Pastor, will erect edifice at Mont Alto.

Architect J. E. Laferty has prepared plans for erection of \$10,000 residence for John J. Watson.

CUMBERLAND.—Plans by Holmboe & Lafferty, Clarksburg, W. Va., have been selected for erection of proposed city hall. Cost, \$75,000.

HILL CREST.—Architect F. E. Beall, Baltimore, is preparing plans for a cottage to be built at Hill Crest for John

Ralph. Hot water heating, sanitary plumbing and electric lights will be installed. Several local contractors are bidding on the work.

MONT ALTO.—Work will be started shortly on the erection of a new building for the congregation of Starr Methodist Protestant Church, at Mont Alto.

MT. WASHINGTON.—G. H. Trout is preparing plans for a \$7,000 two and a half-story frame residence at Mt. Washington for himself.

WINDSOR HILLS.—G. W. Zastrow has commissioned Architect J. Steinacker to prepare plans for an \$8,000 cottage at Windsor Hills. Electric lights, hot water heating and sanitary plumbing will be installed.

MASSACHUSETTS

ATTLEBORO.—Messrs. Brigham, Coveney & Bisbee, Architects, 184 Boylston St., Boston, will prepare plans for erection of proposed court house.

GLOUCESTER.—Oceanside Hotel Co., Magnolia, Chas. E. Phenix, Manager, will erect five-story dormitory building in fall.

MICHIGAN

HANCOCK.—First National Bank has announced plans for extensive improvements in spring.

LANSING.—Lawrence & Van Buren will at once erect business building on N. Grand Ave.

MINNESOTA

DULUTH.—Jesuit Order in this city is interested in proposed erection of school in Superior.

Council is considering purchase of site for erection of library in West Duluth.

FLOOOWOOD.—Local people are interested in proposed erection of brick hotel.

MINNEAPOLIS.—Hospital buildings to cost upwards of \$275,000, are, according to local papers, to be erected during the ensuing year. Plans contemplate a contagious hospital to cost \$150,000, the enlargement of the main hospital, and the completion of the hospital at Camden.

MISSISSIPPI

GREENVILLE.—Bids will be received Sept. 15 for erection of \$10,000 Sunday school annex. Wm. Drays, New Orleans, architect; H. L. Weatherbee, Chairman Building Committee.

MARKS.—Quitman County has had plans prepared by L. M. Weathers, Memphis, Tenn., for erection of \$30,000 court house.

MISSOURI

ST. JOSEPH.—Lynch & Cornelius, Safe Deposit Bldg., are drawing plans for two double apartments which Adolph Henry is planning to build at Fifth and Louis Sts.

Trunk & Heim, Hughes Bldg., are ready for figures on new theater that is to be erected at Sixth and Jule Sts. by Newman Amusement Co.

NEBRASKA

SOUTH OMAHA.—The local school board has purchased two additional lots at the corner of Twenty-fourth and J Sts. on which a new manual training school costing about \$40,000 will be erected.

NEVADA

RENO.—The directors of the Y. M. C. A. announce that they have secured a fund of \$85,000, and will at once begin the erection of a new building. Bids for contracts are to be advertised at once.

NEW JERSEY

ATLANTIC CITY.—Architects Davis & Brother, 1600 Chestnut St., Philadelphia, have completed plans for one-story granite from bank building at New York and Atlantic Aves. for Atlantic Safe Deposit & Trust Co.

ATLANTIC CITY.—Hotel Dennis will erect large addition. Walter Smedley, Girard Bldg., Philadelphia, architect.

ELIZABETH.—Thos. Reilly & Co. are considering erection of boiler-making plant.

HARRISON.—Plans presented by Architect Joseph Kennedy, of Harrison, for a ten-room addition to Public School No. 1, in Washington St., have been accepted by Board of Education.

HOBOKEN.—Architect Carl P. Johnson, 8 E. Forty-second St., New York City, has completed plans for Otto Melin, of 176 Wooster St., New York, for the erection of \$15,000 store and apartment building on Grand St.

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JERSEY CITY.—Plans have been completed by Architect Robert C. Dixon for apartment and store building on corner of Hackensack Plank Road and Thirty-fourth St., North Bergen, for Ferdinand Thomas, 731 Thirty-fourth St., Guttenberg.

JERSEY CITY.—Nicholas Soletto, 382 Second St., will erect \$20,000 store and apartment building on Second St. Wm. H. Bogart, architect.

Geo. N. Thurber, 46 Gautier Ave., will erect six store and apartment buildings on Jackson Ave. at cost of \$70,000.

LINDEN.—Bids will be received until 8:30 p. m. Sept. 8 for erection of school on corner of Wood Ave. and Curtis St. Louis Quien, Jr., 251 Elizabeth Ave., Elizabeth, Architect; Jos. Ross, District Clerk.

NEWARK.—Plans have been completed by Architects Hurd & Sutton for a five-story \$50,000 apartment house to be erected on the north side of Seventh Ave., near Roseville Ave.

Plans by James V. Thetford are out for a three-story \$18,000 brick building for Essex Council, No. 161, Jr. O. N. A. M., at Orange and N. Sixth Sts.

ROSELLE.—Sherman Council, Jr. O. U. A. M., will soon begin work on erection of proposed building. Trustee C. B. Trimmer is interested.

WEST HOBOKEN.—B. Bisaccia, 418 Malone St., will erect five-story \$30,000 apartment and store building at Malone St. and Summit Ave.

NEW YORK

ALBANY.—Cornell University will make extension to State College of Agriculture. F. B. Ware, State Architect.

NEW YORK.—Fackner Coates Construction Co., 286 Fifth Ave., owner and architect, will erect twelve-story brick lofts on Thirty-sixth St. Cost, \$175,000.

J. H. Davis Building Co., 312 W. 109th St., will erect eight-story brick apartment house on Seventy-fourth St. Cost, \$170,000. W. L. Rouse & L. A. Goldstone, 12 W. Thirty-second St., Architects.

NEW YORK.—Trinity Church Corporation, 187 Fulton St., will erect \$55,000 warehouse at 39 Clarkson St. C. C. Haight, 452 Fifth Ave., Architect.

Louvre Realty Co., 132 Nassau St., will erect three six-story brick warehouses at 56 N. Moore St. L. C. Maurer, 1493 Broadway, architect.

Academy of Medicine has purchased property at 10 W. Forty-fourth St. Erection of home is being considered. Dr. R. H. Sayre is interested.

NEW YORK.—City and Suburban Homes Co., 15 W. Thirty-eighth St., will erect six-story \$90,000 club house on Seventy-eighth St. P. H. Ohm, same address, architect.

Isabelle Realty Co., 539 W. Thirty-ninth St., will erect two six-story loft buildings on Alexander Ave. Cost, \$150,000. G. W. Wick, 50 Locust St., Flushing, architect.

Harry Schiff will erect a twelve-story and basement, \$550,000, brick, stone and terra cotta apartment house, 102.2 x 100, at the northwest corner of Eighty-second St. and West End Ave., from plans by D. Everett Waid, architect.

ROCHESTER.—Bids will be received until 10 a. m. Sept. 3 for erection of group of buildings to be used as tuberculosis hospital at Henrietta and Westfall Roads. All other bids rejected. T. J. Bridges, Chairman, Commissioners of Public Buildings.

SYRACUSE.—Onondaga Taxicab Co. is having plans prepared for large garage to be erected at 206 E. Onondaga St.

Plans have been prepared for a six-family apartment house, which Rev. Smith Thomas Ford will build at corner of S. Beech St. and Avondale Place.

SYRACUSE.—Plans are being prepared for a new building for the First Baptist Church, at an estimated cost of \$200,000.

SYRACUSE.—W. E. Brown will erect residence on W. Kennedy St.

Plans have been prepared by Architect M. D. Makepeace, Everson Bldg., for erection of \$10,000 fire house at 231 Wolf St.

NORTH CAROLINA

DURHAM.—Plans have been prepared by Messrs. Hook & Rogers for erection of group of buildings for Trinity College.

GREENSBORO.—Board of Education will erect \$5,000 addition to Ashboro St. school; also erect school.

OHIO

BARBERTON.—Bids will be received until Sept. 10 for erection of high school on Baird Ave.

BELLEFONTAINE.—A special election has been called for Aug. 29 to vote on issue of \$35,000 for new school buildings.

OREGON

DALLAS.—Architects Kingsbury, Carey & Hallock, Portland, has prepared plans for erection of hospital building.

PORTLAND.—Kingsbury, Carey & Hallack have prepared plans for erection of \$15,000 apartment house on Everett St. for Prof. Jas. Watson.

PENNSYLVANIA

ERIE.—Kindal & Gilbert, Pittsburg, have prepared plans for erection of ten-story hotel to be erected at Tenth and Peach Sts.

FRANKLIN.—Architects Briggs & Nelson, Cleveland, O., will prepare plans for erection of Y. M. C. A. building.

GREENSBURG.—Bids will be received until Sept. 26 for erection of post office. Jas. K. Taylor, Washington, D. C., Supervising Architect.

MT. CARMEL.—The Mt. Carmel Township School Board has commissioned Architect L. M. Bitterman, of Shamokin, to draw plans for a new \$15,000 school building, which is to be erected at Kulpmont. Contract will be let at once.

PHILADELPHIA.—Stearns & Castor are preparing plans for erection of seven-story store building at 920 Market St.

Architect E. A. Wilson, Land Title Bldg., has prepared plans for erection of bank building on Market St. for Haddington Title & Trust Co.

PHILADELPHIA.—Lorraine Motor Co. will erect \$60,000 club house and garage at Thirty-seventh and Ludlow Sts.; plans being prepared. W. L. Walker, President.

PITTSBURG.—Architect F. L. Smeltz is designing a \$20,000 church, to be built at Beechwood boulevard and Hazelwood Ave., Squirrel Hill, for Squirrel Hill Methodist Protestant congregation.

SOUTH CAROLINA

ST. MATTHEWS.—City will open bids Oct. 1 for erection of \$20,000 school building. W. A. Edwards, Candler Bldg., Atlanta, Ga., Archt.

TENNESSEE

HARRISMAN.—Treasury Department, James Knox Taylor, Washington, D. C., supervising architect, will receive bids until 3 p. m. Sept. 16 for construction, complete, of proposed post-office.

MEMPHIS.—City will erect \$260,000 police station. Shaw & Pfeil, Tennessee Trust Bldg., Architects.

SHELBYVILLE.—Turner Normal College, J. A. Jones, President, will erect \$15,000 girls' dormitory.

TEXAS

COLORADO CITY.—Plans and specifications for the new high school building, for which \$20,000 in bonds has been voted, have been completed, and work will be commenced soon.

PORT ARTHUR.—Elks' Building Committee will soon ask for bids for erection of proposed building. Plans by Architect C. A. Logan.

UTAH

MURRAY.—Murray State Bank will erect modern business block on Main St.

VIRGINIA

BRIDGEWATER.—Plans of Architect C. M. Robinson, of Richmond, have been accepted for a high school building, to cost \$15,000.

CLIFTON FORGE.—Bids will be received until 6 p. m. Sept. 1 for erection of \$30,000 court house. H. C. Allen, Hot Springs, architect.

LYNCHBURG.—The Southern Railway is getting figures on a new passenger station which, under the company's municipal franchise, is to cost \$50,000.

WASHINGTON

SPOKANE.—H. A. Hover will erect large apartment house on Sixth Ave.

Architect C. H. Jabelonsky has prepared plans for erection of residence on Twelfth Ave. for C. Nelson.

J. M. Comstock, Spokane Dry Goods Co., will erect \$12,000 residence at Jefferson St. and Ninth Ave.

C. Ferris White, architect, will erect apartment house at Maxwell Ave. and Mill St.

WISCONSIN

MILWAUKEE.—Architects Leenhouts & Guthrie have completed plans for a \$15,000 frame club house for the Milwaukee Automobile Club.

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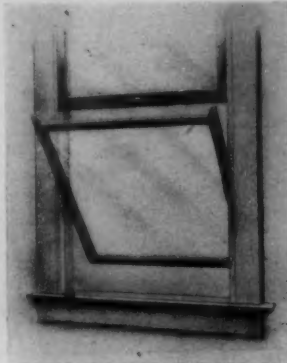
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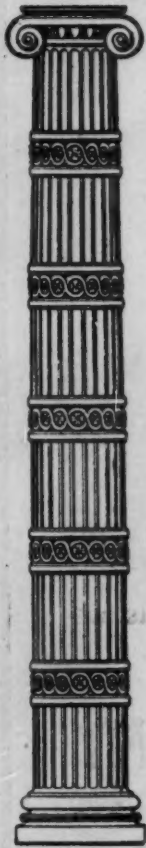
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The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Remittance should accompany copy. Copy received until 12 m. Monday.

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 3, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 16th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Harriman, Tenn., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Harriman, Tenn., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1908-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 1, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 15th day of September, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Waycross, Ga., in accordance with drawings and specifications, copies of which may be had from the Custodian of site at Waycross, Ga., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1908-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 4, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 20th day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Easton, Pa., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Easton, Pa., or at

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NOTICE TO CONTRACTORS

Ithaca, N. Y. |
Sealed proposals for construction, including plumbing, heating and ventilating and electric work for additions to the northeast wing of the N. Y. State Veterinary College Building, Cornell University, Ithaca, N. Y., will be received by E. L. Williams, Treasurer Cornell University, Ithaca, N. Y., until 3 o'clock P. M., on the 25th day of August, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by a certified check in the sum of \$1,000 and the contractor to whom the award is made will be required to furnish surety company bond in the sum of \$10,000 within thirty days after notice of award of contract and in accordance with the terms of Specification No. 1380. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of E. L. Williams, Treasurer Cornell University, Ithaca, N. Y., and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y. (1808-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 3, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 21st day of September, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Warrensburg, Mo., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Warrensburg, Mo., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1808-9)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 23d day of September, 1910, and then opened, for the metal shelving, etc., in the Extension to the U. S. Post Office and Court House at Trenton, N. J., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent of Construction of the building at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1809-10)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 10, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 26th day of September, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the United States Post Office at Greensburg, Pa., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Greensburg, Pa., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1809-10)

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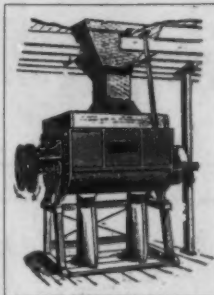
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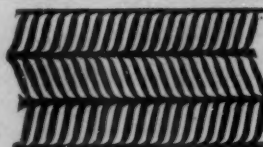
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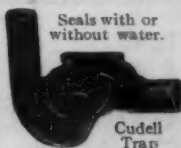
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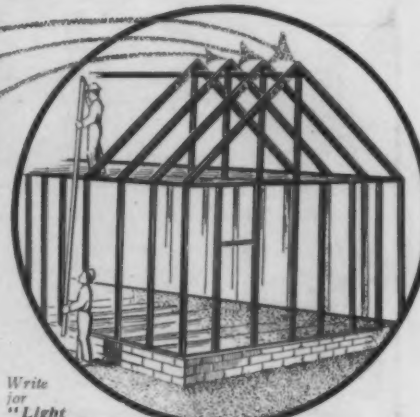
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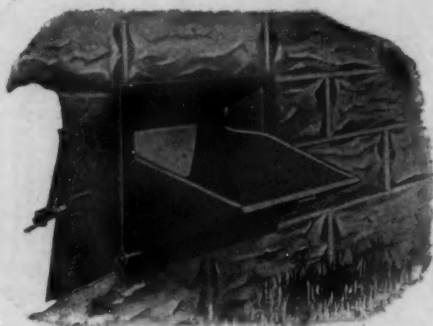


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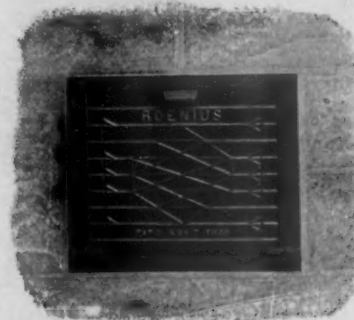
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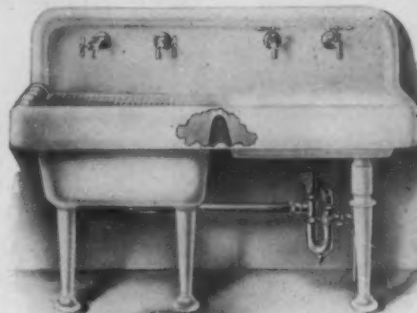


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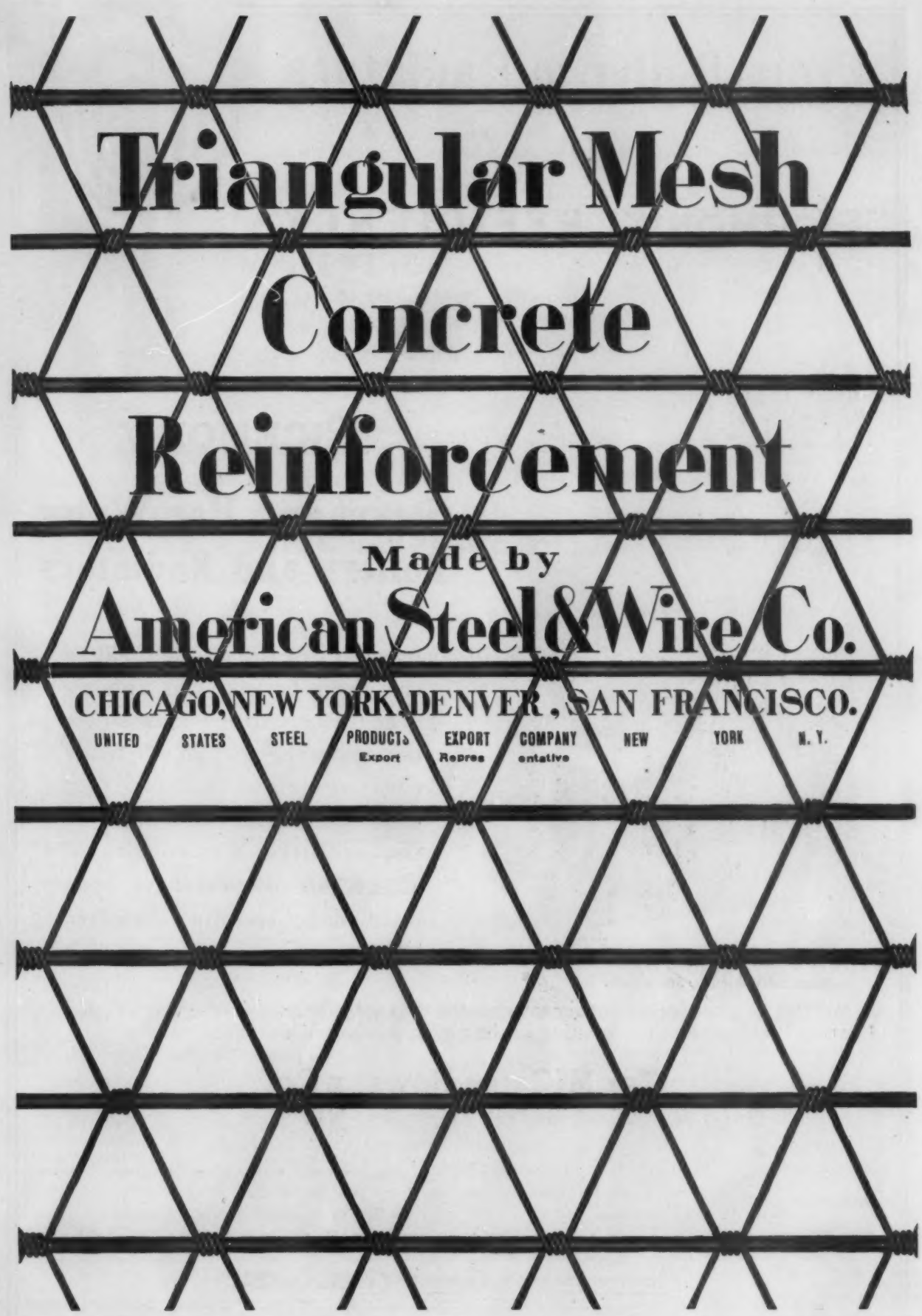
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Mr. R. J. Bagby, whose residence is illustrated on this page, wrote: "The Kewanee System works perfectly and is satisfactory in every respect."

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WHITE

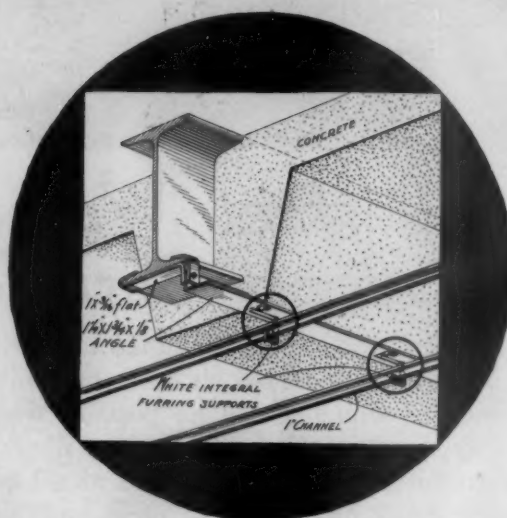
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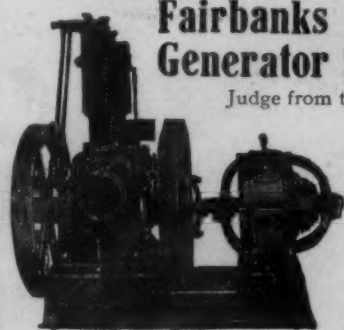
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Artistic License

We are reminded, on reading the item printed below, and which is clipped from *The Architects' and Builders' Journal*, London, of the controversy of some two years ago between the clergy of the Cathedral of St. John the Divine in this city and the sculptor, Mr. Gutzon Borglum.

Mr. Borglum's models for the four archangels, it will be remembered, were criticized not for any lack of artistic excellence of design and modeling, but because, with the license that is supposed to be the artist's right, he had portrayed some of the figures as females, thus setting aside the biblical tradition.

The article referred to above is as follows:

The story of a window in St. Alban's Church, Carlisle, to be erected to the late Bishop Ware, of Barrow-in-Furness, is amusing. It seems that before the Chancellor would grant a faculty for this window he insisted on amendments in the design. Oswald, King of Northumbria, is represented in the cartoon as an old man, whereas he died at the age of 38. So this is to be altered. Further, one of the angels is represented wearing the coat of arms of the Dean and Chapter of Carlisle. The Chancellor does not believe an angel would wear such a coat of arms, and this also must be changed. The *Daily News* takes leave to point out that while the Chancellor may be correct about the limitations of angelic costume, they would be inclined to back any opponent of his "who undertook to prove that angels have again and again been depicted, in stained glass and elsewhere, as wearing the coat-of-arms or other cognizance of some mundane person or corporation. Our contemporary blunders badly, however, in attributing the angel with side whiskers in St. Alban's Cathedral as the likeness of the late Lord Denman, who restored the cathedral. As a matter of fact, it was the late Lord Grimthorpe who enjoyed that distinction.—*Architects' and Builders' Journal*.

The Failure of Roof Tanks

Failures of roof tanks, which have been altogether too numerous during the past year, have brought out a great deal of discussion concerning the strength of supporting walls and columns. It is to be hoped that the agitation will result in more careful designs for new tank supports and in examinations of existing construction with a view of strengthening that found to be weak. There is one point relating to designs of tank supports that seems to have received no consideration in the discussion and it is of such importance that some attention should be given it. Roof tanks are frequently set on two I-beams and in the design of these beams the effect of insufficient lateral support for the upper flange appears to be commonly overlooked. For example, if the beams have a span of 35 feet, a top flange width of 7 inches, and no transverse bracing is provided, the ratio between the unsupported length and the width of the compression flange is 60, which, according to best practice, would require an allowable unit stress of only one-half that permissible with flanges properly braced. In other words, if the section modulus is determined by an average unit stress of 16,000 lb. per square inch,

which is frequently employed, the maximum fiber stress in the compression flange will be very much greater. In fact, the maximum unit stress may be so great as to be dangerous; especially so since wind pressure causes additional forces to act on the beam in a direction in which it is weakest. Obviously, the beams should be connected by lateral bracing so that the ratio of unsupported length to width of flange will not exceed 20. In this connection it is not out of place to call attention to the promiscuous placing of large signs on tops of buildings without first investigating the strength of the supports.—*Engineering Record*.

Workmanship and the Strength of Concrete

With the object of obtaining data as to the effect of workmanship on the strength of concrete, a series of tests has been conducted by the United States Geological Survey. Three contracting firms were requested to undertake the preparation of concrete cubes and beams, the materials and proportions being identical one with another and with those employed in similar specimens prepared by the Laboratory Staff of the Department. All four sets of specimens were tested under equal conditions, with the result that variations to the extent of 100 per cent. were revealed. These tests emphasize the point that no designer can predict absolutely what will be the actual strength of the concrete in practical work. It may be that while relying upon 4 as the factor of safety he may only actually have the factor of 2, owing to indifferent workmanship, or perhaps a still smaller factor in the case of an inexperienced contractor.

A Descriptive List of Trade and Industrial Schools

The National Society for the Promotion of Industrial Education, New York City, has just issued its Bulletin No. 11, which is "A Descriptive List of Trade and Industrial Schools in the United States." The pamphlet was published as the result of a general demand for a tabulation of the main facts and features of the administration and curricula of the industrial and trade schools at present in operation in this country. As a majority of the existing intermediate industrial schools have been inaugurated within a period of two years, the facts relating to this section are of particular interest to those concerned with modern educational movements.

Louisiana's Law Providing for the Registry of Architects

The act providing that all architects practising in the State of Louisiana must be registered is now in force.

The act states that all persons, excepting those now practising architecture, must apply to a board of architectural examiners for a certificate showing their fitness to practise their profession. They may obtain the right to practise by either showing a diploma from a recognized college of architecture, or by passing an examination in architectural engineering, architectural designing and architectural history. The board of examiners consists of five architects, all of whom must have practised for at least ten years.

Design and Painted Metal and Woodwork

How to treat, in color, the metal and woodwork of an architectural design, when it is not the predominant material of the composition but constitutes the filling-in between the real architectural members, is a problem often presented for quick solution to the architect in current practice. That there is little unanimity of opinion on the subject may be ascertained by observing the variety of solutions, many of which are far from pleasing. The fact probably is that only the most conscientious designers are giving the matter the attention it deserves, while in many cases the architect's clerk of the works decides the question by selecting the color from sample cards, or the color is specified at a time when it is hardly possible to properly decide upon the most desirable tint.

It would repay architects quite as much to go to some trouble in getting the proper colors for exterior painted surfaces in a building as it does to bestow the closest study upon the plastic portions of the design. It is a matter for which no universal rules can be laid down any more than for composition. The ideal solution in any given case depends upon the designer's artistic perception and can best be studied by experimenting *in situ* in very much the same way as important carved decoration and sculpture is now studied.

PERSONAL

We learn from local papers that the firm of John & Schmidin, architects, San Francisco, Cal., has been dissolved. Mr. Schmidin, it is stated, will soon resume practice in San Francisco.

Frank C. Walter, architect, Atlanta, Ga., announces that he has severed his connection with the firm of Edwards & Walter, and has established offices for the practice of architecture at 502-3 Forsyth Building, Atlanta, Ga.

INDUSTRIAL

Ideas for Home Decoration

The H. B. Wiggin's Sons Co., of Bloomfield, N. J., have issued a pamphlet entitled "New Ideas for Home Decoration," the text of which is by John Taylor, and the ten designs in color which illustrate it were drawn by John Ednie.

This pamphlet is issued primarily to show the artistic possibilities in wall decoration of Fab-Ri-Ko-Na and Krash-Ko-Na, made by the H. B. Wiggin's Sons Co. It presents ideas of correct color combinations and effective use of stenciled designs that have good suggestive value.

Rex Skylights

Schalkenbach & Budke, of 402 Claremont avenue, Jersey City, N. J., are manufacturers of the Rex Skylights. These skylights are of steel, puttyless glazing construction, the glass being held in position without undue pressure between an asbestos cushion bearing on

the inside and spring surface bearing on the outside. No putty or cement being used in glazing, it is claimed that the glass may expand without danger of breaking.

Many features claimed for these skylights are described and illustrated in a pamphlet published by Schalkenbach & Budke, which may be had on request.

Modern School Plumbing Fixtures

James B. Clow & Sons, of Chicago, Ill., with branch offices in principal cities, have issued an attractive illustrated catalogue, descriptive of the extensive line of plumbing fixtures manufactured by them for the modern school building.

The architect will find the catalogue a handy guide in the selection of fixtures not only in school buildings but for work in general practice as well.

The pamphlet is of value not alone for the reason stated, but also because it contains a large number of illustrations of recently constructed school houses and college buildings.

Vacuum Cleaning

The Vacuum Engineering Company, of 114 Liberty street, New York, have just prepared a handbook on vacuum cleaning installation, embodying the general principles of the science and a specification form for the information of architects to whom they will be glad to send it on application. They are manufacturers of a special type of rotary vacuum pump for which they claim many advantages over others now on the market, besides a variety of special cleaning tools for many purposes in vacuum installations. They are prepared to give architects information on any details of vacuum cleaning installation that may arise and consult with them in the preparation of drawings and estimates for proposed work.

Universal Portland Cement Co's August Bulletin

The Universal Portland Cement Co.'s August Bulletin presents the usual amount of informing text and illustration of important buildings of recent construction.

The grandstand at the baseball park, Chicago, the College Inn, also at Chicago, and the third prize design for a concrete house in the recent Pittsburgh Architectural Club competition are of especial interest.

Chenoweth Reinforced Concrete Piles

In constructing the Chenoweth Reinforced Concrete Piles the method employed uses no forms and produces a pile by rolling a sheet of concrete and metal netting and steel bars into a solid cylinder about a central tube or mandrel.

Piles thus manufactured, it is claimed, can be made in long lengths and a wide range of diameters. The various applications of this method of construction to piles, railroad cross-ties and telegraph poles are illustrated and described in a pamphlet issued by Alexander Crawford Chenoweth, 16 Court street, Brooklyn, N. Y. We understand the pamphlet may be had on request.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

ANNISTON.—Anniston plant of Central Foundry Co. may be enlarged. E. P. Cooper, Resident Manager.

BIRMINGHAM.—Y. M. C. A. is having plans prepared by Harry Wheelock, Schiller Bldg., and Chattuck & Husey, of Chicago, Ill., for erection of proposed building. T. H. Johnston, Chairman, Building Committee.

GADSDEN.—Preliminary plans have been prepared by Jas. K. Taylor, Supervising Architect, Washington, D. C., for erection of proposed postoffice.

HARTSELLE.—J. B. Orr will erect two brick storehouses on Main St.

HALEVILLE.—Blanton-Curtis Manufacturing Co. and Traders' and Farmers' Bank will rebuild structures destroyed by fire.

ARIZONA

PHOENIX.—Mayberry Parker, Los Angeles, Cal., have been selected by Roy S. Goodrich, to prepare plans for a four-story \$40,000 store and office building.

CALIFORNIA

BAKERSFIELD.—Train & Williams, Exchange Bldg., Los Angeles, have prepared plans for three-story brick building, \$45,000, to be erected for L. B. Rice.

BERKELEY.—Work will soon begin on \$200,000 Agricultural Hall which University of California is to erect.

CLAREMONT.—Bank Company, located at Yale and Second Sts., will erect bank building in near future.

DURHAM.—Plans by Architect J. T. Narbet, Chico, have been accepted for erection of proposed school.

LONG BEACH.—Architect H. M. Patterson, 256 Broadway, Los Angeles, has prepared plans for erection of \$1,250,000 hotel for W. L. Porterfield.

LONG BEACH.—Plans are being drawn for erection of hospital at corner of St. James Place and Loma Vista Drive for Seaside Hospital Association.

LOS ANGELES.—Plans have been prepared for erection of garage for Maxwell-Briscoe Los Angeles Co. at Twelfth and Olive Sts. J. S. Conwell, Manager.

Architectural Designing Co., Grosse Bldg., has prepared plans for 70 houses.

Plans have been prepared for \$10,000 brick and concrete chapel to be built at Washington St. and Van Ness Ave. for Congregational Church of the Messiah.

Addition to building of the Agricultural Chemical Works, Macy St. and Mission Road, will be erected.

SAN JOSE.—Keystone Co. will erect warehouse on N. Market St. Plans being prepared. Wm. G. Alexander, President.

SAN MATEO.—Trustees of San Mateo School District are to call for \$75,000 bonds for the purpose of purchasing three additional sites, completing and furnishing the upper floor of Lawrence School and for other improvements.

SANTA ANA.—Citizens are considering election on \$40,000 bonds to erect municipal convention hall.

WHITTIER.—Plans for two-story brick building to be erected for use as a science hall for Whittier Union high school have been finished by Norman F. Marsh, Los Angeles.

COLORADO

GRAND JUNCTION.—J. J. Huddart, 42 Bank Bldg., Denver, has prepared plans for erection of court house.

TRINIDAD.—Methodist Church, cost \$25,000, will be erected at State and Broom Sts. Rev. W. F. Pitner, Pastor.

CONNECTICUT

BRIDGEPORT.—Plans have been made by Architect T. F. Kelley 107 Wall St., for new buildings to be erected on Water St. for the Weidemann Brewing Co., of New Haven.

Skinner & Walker, Architects, are drawing plans for \$20,000 residence for Mrs. Flora L. Ives, E. Main St., which will be erected at corner of Park Ave. and Park Place.

CHESHIRE.—Bids will be received until noon, Sept. 9, for erection of State reformatory. Wm. D. Johnson, Inc., 26 State St., Hartford, architects. Chas. Hopkins Clark, Hartford, Treasurer, Board of Directors.

MIDDLETOWN.—Polish Catholics will soon let contract for erection of \$50,000 edifice. Rev. Fr. Musiel, Pastor.

NEW HAVEN.—Walter S. Garde is planning to erect hotel in near future.

St. Rose's Parish has had plans prepared by Architects J. J. Dwyer and J. J. McMahon for erection of edifice. Rev. J. J. Fitzgerald, Pastor.

NEW HAVEN.—Work will soon start on the apartment house to be built in High St., for Mrs. Margaret Cooney.

NORWICH.—Giron Bros., St. Etienne, France, will at once erect factory in this town.

NORWICH.—Plans have been drawn for church for First Universalist society in Broadway.

ROCKVILLE.—Through President H. C. Smith of Business Men's Association site has been offered to Committee at work to start proposed State Woman's college.

STRATFORD.—Masonic Building Association has purchased site on Main St. for erection of edifice.

WATERBURY.—Plans have been prepared by Architects Freney & Jackson, 51 Leavenworth St., for frame store and tenement building to be erected at corner of Baldwin and Washington Sts. for Dr. P. J. Dwyer.

Plans for three-family frame house on Beacon St. for James McNellis have been completed by Architect C. A. Ketchen, Jr.

WILLIMANTIC.—Windham Silk Co. has accepted plans for its new silk mill to be erected at corner of North and Valley Sts. Plans were drawn by P. F. Shelton & Sons, Architects and Engineers, of Providence.

DELAWARE

WILMINGTON.—J. J. & J. M. Kennedy, Architects, have plans and specifications for \$30,000 General Pulaski Clubhouse to be built at Second and Justison Sts.

DISTRICT OF COLUMBIA

WASHINGTON.—Plans for Sunday school building to be erected by Calvary M. E. Church, on Columbia road, between Fourteenth and Fifteenth Sts., N. W., have been completed by Architects Harding and Upman, 729 Fifteenth St., N. W.

FLORIDA

KISSIMMEE.—Bonniwell & Son, St. Petersburg, are drawing plans for \$15,000 edifice for Methodist Congregation.

PLANT CITY.—Mrs. Bessie Smith will erect \$15,000 hotel. Plans prepared. Site purchased.

ST. AUGUSTINE.—Building Committee, W. C. Middleton, Chairman, has been appointed to have charge of construction of new edifice to be erected for First M. E. Church, South.

TALLAHASSEE.—Hon. W. M. Holloway, State Superintendent of Public Instruction, is consulting with Edwards & Walters, Architects, Atlanta, Ga., with view of furnishing plans and specifications for elementary public school buildings of State.

GEORGIA

ADAIRSVILLE.—Cherokee Baptist High School has plans prepared by Huntington & Sears, James Bldg., Chattanooga, Tenn., for \$5,500 dormitory.

CORDELE.—Citizens will vote Sept. 23 on \$10,000 bonds for erection of addition to high school.

MACON.—Messrs. Ethridge and Foor have now decided upon entire rebuilding of the Lanier Hotel in order to make room for an altogether new building at a cost of \$125,000.

ROME.—Andrew Carnegie has accepted plans submitted for \$15,000 Carnegie library, to be erected at Broad St. and Sixth Ave. Bids will be asked at once by Library Trustees.

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ILLINOIS

CHICAGO.—Wm. Morris, Inc., will erect twenty-story office building and music hall at corner of Wabash Ave. and Madison St. Cost, \$3,000,000.

CHICAGO.—Plans have been prepared by Architect Geo. L. Rapp, 100 Washington St., for erection of mercantile building, cost \$25,000, on Michigan Ave., for John G. Cottle.

Durand Steel Locker Co. will erect plant at Arnold and Sixteenth Sts. Keith Spaulding, 125 Monroe St., President.

Poor Sisters of St. Francis Seraph of Perpetual Adoration, Lafayette, Ind., have purchased site at Colfax Ave. and Ninety-first St. and will erect \$100,000 building.

KANKAKEE.—Bids will be received until Sept. 12 for erecting building at State Hospital. W. C. Zimmerman, Steinway Hall, Chicago, Architect; F. D. Whipp, Fiscal Supervisor.

OTTAWA.—S. G. Gay is considering erection of modern theater on La Salle St.

RUSHVILLE.—J. K. C. Pierson, Jacksonville, will prepare plans for Carnegie Library.

PEORIA.—Albert Kiefer, architect, is preparing plans and specifications for extensive office and show rooms to be erected by Herschel Manufacturing Co.

WINSLOW.—Plans are being prepared for rebuilding of town hall.

F. M. Fuller, Van Meter House, will rebuild restaurant destroyed by fire.

INDIANA

MARION.—Grand United Independent Order of Odd Fellows will erect home on S. Adams St.

MICHIGAN CITY.—First Christian Church will erect edifice on S. Pine St.

MISHAWAKA.—Bids will be received until 6 P. M., Sept. 6, for erection of two-story hose house. Jas. L. Kennedy, City Clerk.

NILES.—W. W. Dresden has plans for building of \$500 two-room addition to his home, Castle Rest.

IOWA

CEDAR RAPIDS.—Bohemian Reformed Church is having plans prepared for erection of edifice on Second St. Rev. Jos. Balcar, Pastor.

DES MOINES.—Specifications for new Des Moines Club have been completed and bids on the construction will be advertised for at once. Architects, Proudfoot, Bird & Rawson.

DES MOINES.—Forest Ave. Baptist Church will build \$20,000 house of worship next year. Plans are being drawn by Wetherell & Gage, Youngerman Bldg.

Des Moines Homeopathic Medical Society is interested in erection of \$100,000 hospital. Dr. Jennie Coleman can be addressed.

MARENGO.—Bids will be received until Sept. 14 for erecting a county home. O. A. Houghland, Chariton, Archt. C. F. Chandler, County Auditor.

KANSAS

KANSAS CITY.—Architect W. M. Goold, Kansas City, Mo., has prepared plans for erection of \$70,000 edifice for First Church of Christ.

OLATHE.—Bids will be received until Sept. 5 for erecting city building. L. R. Sykes, City Clerk.

TOPEKA.—Model drug store and apartment house will be erected at corner of W. Sixth Ave. and Buchanan St. for J. M. Leeper, of Leeper & Smith.

KENTUCKY

BARDSTOWN.—Fiscal Court of Nelson County will erect large county building at poorhouse farm.

BOWLING GREEN.—Fiscal Court of this county is arranging to erect building for county's poor.

BROOKSVILLE.—Bracken Fiscal Court will vote on \$35,000 bond issue to erect court house.

ELKTON.—Congregation of local Christian Church has decided to erect edifice.

LOUISVILLE.—Commercial Club and Citizens' Committee are urging expenditure of \$500,000 on schools in Jefferson County. According to plan as outlined by Chairman McFerran, it is desired to erect in each educational division of Jefferson County a \$25,000 school building. In addition to this promoters would erect in each division two other model \$10,000 buildings and two model \$5,000 buildings.

Congregation of the Holy Cross Church, Thirty-second and Broadway, is considering erection of rectory and school. Rev. John Sheridan, Pastor.

WAVERLY.—Rev. Father McNeill, pastor of St. Peter's Church, will soon have brick church and school and a new home for Sisters.

LOUISIANA

NEW IBERIA.—Local Masons are considering plans for erection of temple on E. Main St.

NEW ORLEANS.—City has practically decided upon the selection of new site for boys' high school, which will be erected at a cost approximating \$80,000.

NEW ORLEANS.—Schwartzchild & Sulzberger Co. will erect plant at corner of Joseph and Constance Sts.

SLIDELL.—Council is considering \$15,000 bond issue for erection of school and water works system.

THIBODAUX.—Bids will be received until noon, Sept. 14, for alterations and additions to the two-story brick courthouse, according to plans by Favrot & Livaudais, Ltd., No. 839 Gravier St., New Orleans, Architects.

MARYLAND

BALTIMORE.—Plant & Land Co. will at once erect factory at Garrison Lane and Pennsylvania Railroad.

BALTIMORE.—Baldwin & Pennington, Professional Bldg., are preparing plans for addition to the building of the Little Sisters of Poor at Chase and Valley Sts.

BALTIMORE.—Haskell & Barnes, 301 N. Charles St., Architects, have been commissioned to draw plans for \$6,000 residence of J. B. Scott to be erected at Hawthorn and Carsdale Aves., Forest Park.

J. Ross Myers will erect residence on University Parkway.

BALTIMORE.—Arthur Boehm is having plans made by George R. Morris, Equitable Bldg., for two-and-one-half-story \$5,000 frame residence to be erected at Round Bay on the Severn.

William H. Warden is having plans made by Herbert C. Aiken, 213 N. Calvert St., Architect, for \$6,000 residence to be built at Roland Heights.

The National Enameling & Stamping Co. is having plans made for addition to factory at Light and Winder Sts.

G. H. Trout is having plans prepared for two-and-a-half-story frame residence to be erected at Mount Washington Heights.

Mottu & White, Architects, Professional Bldg., have prepared plans for warehouse building to be erected at Lombard and Hanover Sts. for A. C. Meyer & Co. Cost about \$40,000.

The Monumental Brewing Co. will build large four-story brick bottling establishment on E. Baltimore St.

ELKTON.—National Fireproofing Co., Pittsburg, Pa., will erect plant near this city.

FREELAND.—Plans for a residence to be erected on Northern Central Railroad for Dr. W. B. Brown have been finished, and the contract will be awarded soon.

PORT DEPOSIT.—Pennsylvania Railroad has had plans prepared for erection of \$15,000 depot.

MASSACHUSETTS

BROCKTON.—Carnegie library, cost \$75,000, will be erected. Site purchased.

LOWELL.—Dunstable Congregational Church will rebuild edifice destroyed by fire.

WEBSTER.—Bids will be received until Sept. 14 for erection of \$60,000 postoffice. Jas. Knox Taylor, Washington, D. C., Supervising Architect.

WENHAM.—Wm. Jones, Beverly, will erect residence and green houses at Porter and Stanton Sts.

MICHIGAN

BAY CITY.—City has purchased site and plans are being prepared for erection of contagious hospital.

BAY CITY.—Special Committee has purchased site for erection of detention house.

DETROIT.—Architects B. C. Wetzel & Co., Hammond Bldg., have designed a store building for Michael Caplis at Michigan Ave. and Livernois; also large number of other buildings.

Bohemian Turners of the West Side will erect \$30,000 club house. President John Frish, Chairman Building Committee.

Architect John C. Stahl, Jr., Detroit City Gas Co. Bldg., has prepared plans for residence to be erected on Casgrain Ave. for Mrs. J. Schaffler.

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AGENCIES IN ALL PRINCIPAL CITIES

DETROIT.—John Scott & Co., 1603 Ford Bldg., has prepared plans for erection of three-story school for Church of the Holy Redeemer. Rev. F. D. Mullane, 645 Junction Ave., Pastor.

FRANKENMUTH.—Bank of Frankenmuth will erect building at Main and Tuscola Sts.

GRAND RAPIDS.—Osgood & Osgood, Widdicomb Bldg., are completing plans for \$10,000 club house of Northwestern Mutual Benefit Association, to be located at corner of North and Elizabeth Sts. Contracts for foundation let.

SAGINAW.—Council has approved plans for erection of proposed tuberculosis hospital. Board of Works will soon ask for bids.

SAGINAW.—Plans will soon be ready for erection of proposed Y. M. C. A. building.

MINNESOTA

AURORA.—School Board has accepted plans by Architect Anthony Puck, of Duluth, for erection of high school.

ALICE.—J. J. Wangenstein, 401 Providence Bldg., Duluth, will receive bids for the construction of village school building.

DULUTH.—J. J. Wangenstein, 401 Providence Bldg., is preparing plans for L. S. Loeb for residence on Superior St.

DULUTH.—Normal School Presidents and Directors of State Normal School Board are considering erection of \$50,000 addition during fall.

FERGUS FALLS.—Swedish Baptist Church has decided to erect edifice. August Dahlberg, Chairman, Building Committee.

JASPER.—Architect W. E. E. Greene, Luverne, is preparing plans for erection of proposed high school.

KEWATIN.—Bids will be received by J. J. Wangenstein, 401 Providence Bldg., Duluth, for brick bank and office building for First State Bank.

MASON CITY.—Ed. Rich, Clear Lake, Will Rich and Fred O'Neill will erect modern hotel.

MINNEAPOLIS.—Lake Harriet Commercial Club, Dr. A. H. Parks, President, will at once erect building on Forty-third St., west.

Plans for a seven-story brick and reinforced concrete building for Great Northern Implement Co. to replace the building at Seventh Ave. and Third St., have been prepared.

MONTEVIDEO.—Citizens will vote Sept. 3 on \$50,000 bonds to erect school.

MOORHEAD.—Plans have been prepared for erection of court house to cost \$76,219.

ST. PAUL.—Webb Publishing Co. will at once erect two-story \$22,000 brick building on Tenth St. Plans prepared.

WILLMAR.—Bids will be received until Sept. 8 for erection of industrial school. F. W. Kinney, Kasota Bldg., Minneapolis, Architect; A. O. Forsberg, Secretary Board of Education.

MISSOURI

FILLMORE.—Trunk & Heim, Hughes Bldg., St. Joseph, have completed plans for country home for E. W. Davis.

KANSAS CITY.—H. J. Stroeh, Kemper Bldg., has prepared plans for \$25,000 brick dwelling to be erected at Fifty-ninth St. and State Line., for C. S. Jobes.

ST. JOSEPH.—Trunk & Heim, Hughes Bldg., have finished plans for the R. V. Nicholas home at Twenty-sixth and Francis Sts.

MONTANA

BILLINGS.—Revised plans for detention hospital to be erected jointly by city and county have been adopted and bids will soon be asked. Architect Oehme is interested.

MISSOULA.—Hell Gate Lodge of Elks has accepted plans by Link & Haire, architects, for erection of home. Contract will be awarded Sept. 10.

MISSOULA.—Flathead Indian Reservation has voted to grant county officials right to issue \$15,000 bonds.

NEBRASKA

IMPERIAL.—Work will soon begin on erection of \$25,000 court house.

NEW JERSEY

BORDENTOWN.—Kleman & Fowler, Trenton, have prepared plans for erection of \$10,000 residence for Dr. Shipp.

ELIZABETH.—John Lauer has plans out for \$5,500 residence to be erected at Poplar St. and Second Ave., Roselle.

GUTTENBERG.—Caserta Realty Co. of North Hudson will erect four store and apartment buildings on corner of Twenty-sixth St. and Broadway. Cost, \$18,000.

HARRISON.—Plans have been completed by Architects Cohen & Bessman, of 91 Mercer St., Newark, for the erection of three six-family flats, which are to be built on Franklin Ave. for B. & S. Realty Co. of Newark. Cost, \$27,000.

JERSEY CITY.—From plans by Architect John J. O'Neil, 14 Oakland Ave., \$5,000 two-family house will be erected on Cottage St. for Harry Hansen, of 76 Cottage St.

KEANSBURG.—Keansburg Yacht Club is having plans prepared for erection of \$5,000 club house on Waycake Creek.

LONG BRANCH.—Architect T. A. Meyer, 12 E. Forty-second St., New York City, is preparing plans for erection of \$7,000 synagogue on Sairs Ave.

MILLVILLE.—Board of Education has again asked for proposals to complete the \$48,000 Culver school building.

NEWARK.—Romolo Bottelli, 1191 Market St., has completed plans for a four-story \$13,000 brick dwelling to be erected at 80 Stone St. for Filomena Del Guercio.

Henry S. Richland is to build a three-family \$5,500 house at 831 S. Seventeenth St. after plans by Cohen & Bessman.

NEWARK.—Estimates are now being taken by Frederick A. Phelps, 15 Clinton St., as architect, for erection of additional building of the Newark Technical School, on corner of Summit St. and Summit Place.

NEW BRUNSWICK.—Bids will be received until 2 p. m. Sept. 19 for construction, erection and completion of a new two-story brick county record building. Thos. H. Hagerty, County Collector; Wm. H. Boylan, National Bank Bldg., Architect.

PLAINFIELD.—Chas. E. Aaron will erect residence on North Ave.

Chas. Keller, E. Fifth St., will erect two dwellings at 414 E. Fourth St.

RIVERTON.—Architect Walter Smedley, Girard Bldg., Philadelphia, has completed plans for a three-story residence for Mrs. Theodore Kitchen.

ROSELLE.—Plans have been prepared for \$20,000 borough hall to be erected on Chestnut St. S. J. Patterson, Chairman, Building Committee.

TRENTON.—Amos A. Waters will erect \$8,000 residence at 1006 Stuyvesant Ave. F. W. Acock, 40 E. State St., Architect.

Architect W. W. Slack is preparing plans for erection of residence at Bromley Manor for John J. Brown.

WEST HOBOKEN.—From plans by Architect Leonard Feinen \$8,500 two-family residence will be erected on the northeast corner of Union St. and the Boulevard, for Adrien Philippot, of the same town.

WEST NEW YORK.—From plans as prepared by Architect Joseph Lugosch, \$10,000 flat will be erected on Harrison Place for A. Battifarno and A. Pisto.

NEW MEXICO

DURAN.—Contract will soon be let by city for erection of \$6,000 school.

Woodmen of the World are planning to erect home. C. V. Drew, Consul Commander.

LAS CRUCES.—Edward Kneezell, El Paso, Architect, will immediately draw up plans for building to be erected for J. H. Riley, on Main St.

Thos. P. Gable, Santa Fé, Territorial Game Warden, is interested in proposed erection of \$75,000 sanitarium in this city.

NEW YORK

ALBANY.—J. A. Wagoner of Delaware Ave., has retained H. G. Wichmann, 3 North Pearl St., to prepare plans for \$5,000 frame villa, to be built on Summit Park.

AUBURN.—International Harvester Co. will erect additions to plant.

BUFFALO.—Plans are being prepared for \$35,000 edifice which is to be erected for Woodside M. E. Church. Rev. F. Mittlefehldt, Pastor.

COHOES.—Erection of fire house on West Side is being considered.

DUNKIRK.—Knights of Pulawski are considering erection of home on Townsend St.

LAKE MAHOPAC.—Architect Theo. A. Meyer, 12 E. Forty-second St., New York City, has prepared plans for erection of \$3,000 bungalow for Mrs. Mary Upton.

MORRISVILLE.—Bids will be received until 10.30 A. M., Sept. 6, for repairs and alterations to Beckwell Hall, Madison Hall and director's residence, construction, etc., at New York State School of Agriculture. F. B. Ware, Albany, State Architect. J. T. Roberts, President, Board of Trustees.

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NEW YORK.—East River Savings Institution, 280 Broadway, will erect nineteen-story brick office building. Cost \$650,000, on Broadway. Clinton & Russell, 32 Nassau St., architects.

Charter Construction Co., 505 Fifth Ave., will erect twelve-story \$275,000 brick apartment house at Riverside Drive and Eighty-eighth St. Schwartz & Gross, 347 Fifth Ave., architects.

Andrew Gries, premises, will erect two three-story brick dwellings, cost \$12,000, at 335 Nineteenth St. Bernstein & Bernstein, 24 E. Twenty-third St., architects.

J. M. Horton Ice Cream Co., 213 E. Twenty-fourth St., will erect \$65,000 six-story brick stable at 324 E. Twenty-fourth St. Frank Goodwille, 1170 Broadway, architect.

NEW YORK.—Peter Doelger, 407 E. Fifty-fifth St., will erect \$35,000 garage on E. Fifty-sixth St. A. G. Koenig, 401 W. Twenty-fourth St., Architect.

Dr. Jos. A. Blake, 601 Madison Ave., will erect two private residences, cost \$25,000, on Madison Ave. Jas. Gamble Rogers, 11 E. Twenty-fourth St., Architect.

Christian Yere will erect two-story store and apartment building on Bank St., at cost of \$75,000. Justus Smith, Architect.

NEW YORK.—Realty Holding Co., 219 W. 125th St., will erect twelve-story brick store and loft building on Thirty-seventh St. Cost, \$350,000. Neville & Bagge, 219 W. 125th St., Architects.

West End Construction Co. will erect twelve-story \$325,000 apartment house on West End Ave. Schwartz & Gross, 347 Fifth Ave., Architects.

The Young Men's Hebrew Association, Lexington Ave. and Ninety-second St., has filed plans for extension of its clubhouse. James & Leo, 124 W. Forty-fifth St., Architects, have estimated cost of alterations \$25,000.

NEW YORK.—The Plaza Home Club, a twelve-story building that will cost \$400,000, is to be erected for Norman E. Munro Estate at No. 34 W. Fifty-ninth St. Plans were prepared by Charles W. Bucham.

New York Central will erect \$500,000 structure for express companies on site at Thirty-second St. and Tenth Ave.

NEW YORK.—Baxter Howell Building Co., 2283 Westchester Ave., will erect three two-story dwellings, cost \$13,500, on Overing St. C. R. Baxter, 3099 Middletown Road, Architect.

Church, cost \$70,000, also three-story \$20,000 rectory, will be erected at Shakespeare Ave. and 169th St. Rev. J. J. Lennon Owner. Elliott Lynch, 341 Fifth Ave., Architect.

The Young Men's Christian Association has purchased No. 6 to 20 E. Third St., on which it will erect new building.

NIAGARA FALLS.—John F. McDonald is planning erection of a modern \$300,000 six-story hotel at Falls St. and Riverway. Esenwein & Johnson, Buffalo, Architects.

NIAGARA FALLS.—Board of Public Works will purchase site for erection of market.

ONEONTA.—Oneonta Milk Co. will at once erect building on Lower Main St.

PORT JERVIS.—Board of Education will issue \$36,000 bonds to erect school on Hudson St.

POUGHKEEPSIE.—Complete plans for \$40,000 tuberculosis hospital for city altered in accordance with suggestions made by Dr. Porter, head of the State Health Department, have been submitted to the Board of Health.

ROCHESTER.—E. B. Henning, 237 Alexander St., will at once erect brick building, cost \$100,000, at Gibbs and Main Sts.

SARANAC LAKE.—L. Kelcey Posner, The Grand View, Lake Placid, is at the head of movement to erect \$40,000 hotel on the heights.

SYRACUSE.—P. R. Kiely has had plans prepared for erection of four modern houses on Colthrop Ave.

SYRACUSE.—D. J. Hogan of No. 1006 Ackerman Ave. has had plans prepared for modern one-family eight-room house to be built in Ackerman Ave.

Herbert E. Jewett will erect residence on Dudley St. Architect Gustavus Young has prepared plans for one-family dwelling, which Attorney Herbert B. Myron will build in West Onondaga St.

TROY.—Tentative plans have been prepared for erection of \$95,000 county jail.

TUCKAHOE.—Citizens have voted to erect \$30,000 village hall.

NORTH DAKOTA

GRAND FORKS.—Citizens will vote Sept. 12 on \$40,000 bonds to erect city hall.

FARGO.—Haxby & Gillespie are preparing plans for erection of residence for L. R. Buxton.

OHIO

AKRON.—Akron Reformed Hebrew congregation will build temple to cost about \$35,000. Committee is now looking for a site to be selected somewhere in eastern part of city.

CINCINNATI.—A \$9,000 residence will be erected by Edward Myers at Middleton and Wood Aves., Clifton. Plans are being prepared by Philip Pfeiffer, 10 E. McMillan St.

COVINGTON.—Y. M. C. A. will erect \$100,000 home next year on Madison Ave.

DAYTON.—Plans have been prepared by Architects Peters, Herman & Brown, Reibold Bldg., for erection of \$20,000 edifice at Richard and High Sts., for High Street U. B. Church.

LISBON.—Lisbon Auto Truck Co. will erect \$50,000 manufacturing plant. Business Association is interested.

MIDDLETOWN.—Library Trustees have adopted the plans of Architect Barkman, of Hamilton, for \$20,000 library building ROCKY FORD.—Bids will be received until Sept. 9 for erection of municipal building. M. M. Gleishmann, 410 Lenox Bldg., Cleveland, Architect. W. M. Dean, Village Clerk.

YOUNGSTOWN.—School Board has adopted plans by Architects Kling & Zenk and C. H. Owsley, respectively, for Brier Hill and Wood Street schools.

OKLAHOMA

DURANT.—Bryan County is considering election on \$160,000 bonds to erect court house and jail.

ENID.—Feeble-Minded Institute, J. Y. Callahan and Edmund Frantz, Board of Control, has had plans prepared by A. A. Crowell for erection of \$25,000 school.

GUTHRIE.—M. E. Church, South, is considering erection of \$13,000 church. Rev. J. R. Abernathy, Pastor.

TULSA.—Plans have been prepared for erection of \$100,000 Catholic Church. Winkler & McDonald, Bank of Commerce Bldg., and J. P. Curtin, Associate Architects.

OREGON

EUGENE.—Frank Hyer will erect residence this fall at Fourteenth and Oak Sts.

EUGENE.—Plans have been prepared for erection of proposed Christian Church at Oak and Eleventh Sts.

MEDFORD.—Y. M. C. A. will erect \$6,000 building. J. O. Isacson, Cashier, Central Point State Bank, is interested.

PORTLAND.—Reid Bros., architects, Claus Spreckles Bldg., San Francisco, have prepared plans and asked for bids for 15-story office building to occupy corner of Fourth and Washington Sts.

PENNSYLVANIA

CLAYSVILLE.—Plans by Architect J. N. Campbell, Pittsburg, have been accepted for reconstruction of United Presbyterian Church at cost of \$10,000. D. M. Campsey, Chairman, Building Committee.

EASTON.—Bids will be received until 3 P. M., Sept. 20, for erection of postoffice. Jas. K. Taylor, Washington, D. C., Supervising Architect.

ERIE.—Plans have been prepared for erection of \$200,000 Y. M. C. A. building at Tenth and Peach Sts.

FOLSOM.—Oliver Randolph Parry, Architect, Philadelphia, has completed plans and specifications for garage, constructed of concrete studs and slabs, to be erected for Dr. Paul Langner.

PHILADELPHIA.—City has purchased site on Broad St., near Loudon, for erection of school.

PHILADELPHIA.—Peuckert & Wunder have prepared plans for erection of house, garage and stable at Ridge Ave. and Harmon St. at cost of \$40,000 for Mrs. Mary Obert.

Architects De Ormond and Ashmead, 618 Chestnut St., have prepared plans for erection of two residences at Wayne for Wendell & Treat.

Architects Meller and Megis, Lafayette Bldg., have prepared plans for erection of addition to plant of Arguto Oilless Bearing Co. at 149 W. Berkeley St., Germantown.

PHILADELPHIA.—The Packard Motor Car Co. is having plans drawn by Otto H. Kahn for erection of four-story concrete salesroom and garage which will cost about \$150,000, on Broad St.

Christian H. Fries has been commissioned to prepare plans for erection of an operation of twin houses to be built in Fox Chase at a cost of \$7,000 each.

Architect Walter Smedley, Girard Bldg., has prepared plans for erection of building on Chestnut St. for Abbott's Alderney Dairies.

IF YOU are interested in detailing a wide opening for elevator fronts, let us send you a full size detail of the

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PHILADELPHIA.—The J. D. Allen Co., Betz Bldg., has completed plans for \$10,000 moving picture theater, which D. S. Bader will erect at Forty-ninth and Yocum Sts.

Plans by Pilcher & Tachan have been accepted for dormitories to be erected at National Farm School. H. B. Hirsh, Chairman Building Committee.

PHILADELPHIA.—Architect Benjamin B. Stevens, Bullitt Bldg., is preparing plans for reconstruction of the plant of Eynon-Evans Manufacturing Co., at Fifteenth and Clearfield Sts.

Frank Seeburger is planning three houses to be built in Merion for the Highland Avenue Improvement Co.

PITTSBURG.—Bids are being received by L. O. Brosie, 6200 Penn Ave., for erection of cement store and flat building at Ardmore.

SCRANTON.—Architect Lewis Reisman, Dime Bank Bldg., has prepared plans and specifications for residence to be erected at Lake Winola for Al Newman, of the Bee Hive Jewelry Co.

SCRANTON.—Order of B'nai Brith, benevolent Hebrew Society, has started movement for the foundation of an orphan asylum for Hebrew children in this city. H. Sobel, of Erie, District President of the order.

SCRANTON.—Snyder & Ward have prepared plans for erection of \$35,000 residence on Washington Ave. for Helen C. Winton. Local contractors have been asked to submit new bids for erection of fire houses in three wards.

RHODE ISLAND

PAWTUCKET.—School Committee is considering erection of \$70,000 school in Darlington District.

WOONSOCKET.—Plans have been drawn and work will begin shortly on construction of residence at corner of Harris Ave. and Lyman St. extension, for Edward Mee.

SOUTH CAROLINA

COLUMBIA.—The Columbia hospital is to be enlarged at cost of \$45,000.

SOUTH DAKOTA

ABERDEEN.—Plans by Patton & Miller, 140 Dearborn St., Architects, Chicago, have been adopted for proposed \$125,000 high school building.

TEXAS

CORPUS CHRISTI.—President Ragsdale and the Epworth cabinet are formulating plans to enlarge grounds at Epworth, build several additional cottages and structure to be known as "Ruby Kendrick Memorial Hall."

DALLAS.—C. D. Hill & Co., Architects, have completed plans for a brick veneer home for J. E. Lee, on Swiss Ave., in Munger Place. It is to cost about \$15,000. Contract will be let early in September.

J. V. Clark will shortly let the contract for erection of brick residence on Rawlings Ave., Oak Lawn. It is to cost \$20,000; work will be begun on it about Sept. 1. C. D. Hill & Co., Architects.

DALLAS.—Bids will soon be asked by First Presbyterian congregation for erection of \$100,000 church at Wood and Harwood Sts. C. D. Hill & Co., Wilson Bldg., Architect.

FALFURIAS.—Bids will be received until Sept. 6 for erection of school. Alfred Giles, San Antonio, Architect; J. A. Bellar, Secretary School Board.

GREENVILLE.—Knights of Pythias have accepted plans and specifications for their lodge building to be erected at corner of Wesley and Washington Sts.

HOUSTON.—International Coffee Co. has had plans prepared for erection of three-story building on Fannin St.

HOUSTON.—United Hotels Co. will erect \$1,000,000 hotel in this city within two years. Dr. Frank A. Dudley, Niagara Falls, N. Y., President.

HOUSTON.—Armour Packing Co. will erect four-story \$150,000 building at Fannin St. and Commerce Ave. Bids will be received until Sept. 12 for erection of mechanical laboratory and power house of Rice Institute. Dr. E. O. Lovett, Scanlan Bldg., President.

MARLIN.—Paul Scheiblich, grocery merchant, will soon begin erection of a brick business house on Live Oak St.

MT. VERNON.—Franklin County Commissioners' Court has adopted plans and specifications for court house for this county, to cost about \$40,000 or \$50,000.

PORT O'CONNOR.—City has decided to erect \$5,000 school.

SAN ANGELO.—Merchant & McConnell, owners of the building occupied by the Yale Theater, destroyed by fire, contem-

plate erection of a modern theater to cost between \$35,000 and \$40,000.

SAN ANTONIO.—Travis Park Methodist Church is planning to erect edifice. Rev. S. H. C. Burgin, Pastor.

WACO.—Plans have been accepted for erection of proposed high school. Architects, M. L. Waller, of Fort Worth; Scott & Pearson, of this city, and Consulting Architect, Dr. A. C. Ellis, of Austin.

WICHITA FALLS.—Bids will be received until noon, Sept. 8, for erection of county jail. M. F. Yeager, County Judge.

VIRGINIA

FT. MONROE.—Bids will be received by Capt. Ernest R. Tilton, Q. M., U. S. A., Constr. Q. M., until 10 A. M., Sept. 9, for construction of a band mess and shop building.

RICHMOND.—Confederate Memorial Association has instructed its executive committee to receive competitive plans for memorial building, to be known as the "Confederate Memorial Institute," cost of building to be \$150,000; prizes ranging from \$1000 to \$200; architects desiring to compete should apply for conditions of competition on or before Sept. 30, 1910, to Hon. J. Taylor Ellyson, President Confederate Memorial Association.

WASHINGTON

BREWSTER.—Monck & McCoy, Monroe, will erect building.

EVERETT.—Architect Turnbull is drawing plans for a \$10,000 orphanage for Snohomish County.

GARFIELD.—W. L. Rich, Inland Electric Railway, will erect residence in South Garfield.

SPOKANE.—J. M. Comstock is interested in proposed erection of \$120,000 department store at Main and Wall Sts. for Crescent Department Store.

Geo. W. Odell will erect \$15,000 residence on Rockford Boulevard.

SPOKANE.—J. G. Olson will erect two-story brick store and lodging building at E. 1503 Illinois Ave.

J. D. Buchanan, Buchanan Undertaking Co., will erect \$7,000 residence at E. 227 Mission Ave. Plans prepared by Architects Stritesky & Rooney, Empire State Bldg.

SPOKANE.—W. C. Smith, Washington Rubber Co., is considering erection of apartment house at Sixth Ave. and Browne St.

SPOKANE.—Congregational Extension Board is planning erection of \$5,000 edifice at Twenty-ninth Ave. and Freya St. J. K. Dow, Paulsen Bldg., Architect.

Robert Sterling, Kellogg, Ida., is considering erection of \$20,000 home.

WEST VIRGINIA

LEWISBURG.—Continental Oil Co. is planning to erect carbon black factory in Lincoln County. Dabney Davis, of Watts & Davis, Charleston, is interested.

MORGANTOWN.—Crystal Glass Co. will erect glass factory between Wharf St. and Fourth St., Seneca. Geo. W. Fry, President.

MOUNDSVILLE.—J. A. Schwob Cradle Factory will be rebuilt at corner of Thompson Ave. and Thirteenth St.

WISCONSIN

ALLENTON.—M. H. Smith will erect \$7,000 hotel. Plans being prepared by Architect H. F. Heller, Fond du Lac.

BELOIT.—Architects Nimmons & Fellows, Chicago, have prepared plans for erection of \$60,000 office building for Berlin Machine Works.

LA CROSSE.—Plans for \$8,000 addition to the county asylum for the insane have been approved by State Board of Control.

MILWAUKEE.—Marshall & Illsley Bank will erect \$200,000 bank building at 413 E. Water St.

MILWAUKEE.—Second Ward Bank will erect two new branch buildings in the near future and a new main building on the triangle at West Water and Third Sts. Kirchoff & Rose have charge of the plans for the two branches.

OSHKOSH.—The State Board of Control has adopted plans for \$100,000 hospital for the criminal insane to be located in connection with the present Northern Hospital for Insane. Plans drawn by Foeller & Shober, Fox Block, Green Bay.

RACINE.—Methodist Church has decided to erect \$10,000 edifice on Quincy Ave.

WINNEBAGO.—Bids will be received until 4 P. M., Sept. 12, for erection of hospital for the insane at Northern Hospital for Insane. Foller & Schober, Green Bay, Architects. Elmer Grimmer, Madison, President, Board of Control.



Swimming Pool, Y. M. C. A., Syracuse, N. Y.
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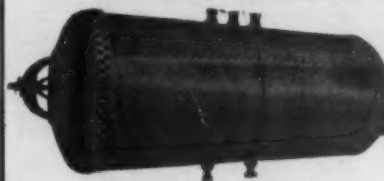
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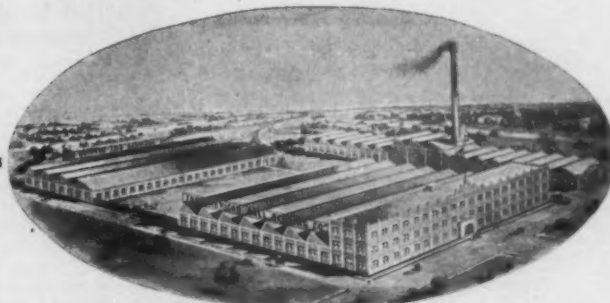
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CHIEF ASSISTANT of highest executive ability; most thorough experience in all branches; systematic and energetic; 10 years' on largest commercial work in New York City; last 2 years in charge of large Western office, desires position with partnership in firm doing heavy line of work; every opportunity given for investigation; no money to invest. Address 8A, care American Architect. (1808-11)

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A CAPABLE all round architectural draftsman, technical school graduate, with 11 years' experience in city and country work, planning, general construction, detailing, specifications, superintendence, linear perspective and office routine, fair knowledge of design, expert in planning and construction of modern school buildings and can handle men, has served five years with present employer, desires a change, seeks position with reasonable degree of permanency; New York City preferred. Address 10E, care The American Architect. (1810)

ARCHITECT, 22, A. R. I. B. A. and Paris training, experienced designer, rendering, perspective, and practical man of executive ability, 10 years with reputable New York firms, has charge of architect's office in New York City, is open for engagement immediately as chief assistant or draughtsman; salary \$200 a month, or commission. Address 10D, care American Architect. (1810-11)

DRAFTSMAN, age 27, married, desires position after Sept. 1; 9 years' experience in good offices; neat, quick worker; good on steel and concrete; render in color or pen and ink, and able to take charge of average office, including specifications, having held positions requiring the above qualifications; can furnish references; salary \$35; New York or vicinity preferred. Address 10A, care American Architect. (1810-11)

ARCHITECT and Building Superintendent with own office will prepare specifications, etc., superintend construction on part

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WANTS position in New York City.—Architectural draughtsman, college graduate; traveled abroad; six years' practical experience; one year in New York; good designer; prefers smaller office with a future. Address 10B, care American Architect. (1810)

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SPECIAL NOTICE

The rate for advertising under this heading is \$1.50 an inch. **Remittance should accompany copy**. Copy received until 12 m. Monday.

Notice to Architects

(COMPETITION)

The Confederate Memorial Association has instructed its Executive Committee to receive competitive plans for a memorial building in Richmond, Va., to be known as the "Confederate Memorial Institute." The committee has engaged a firm of architects to act as expert advisers in the preparation and award of the competition.

Cost of building to be \$150,000.

Prizes ranging from \$1,000.00 to \$200.00.

Architects desiring to compete should apply for conditions of competition on or before September 30th, 1910, to

Hon. J. TAYLOR ELLYSON,

President Confederate Memorial Association, Richmond, Va. (1810-11)

PRACTICING ARCHITECT, located in New York City, desires an equal partner, one socially well connected and of

good family, who can solicit clientage in New York and surrounding district; ability in design and draftsmanship not essential; references must be of the best. Address 10C, care American Architect. (1810-11)

PROPOSALS

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Copy received until 12 m. Monday.

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 19, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 23d day of September, 1910, and then opened, for the metal shelving, etc., in the Extension to the U. S. Post Office and Court House at Trenton, N. J., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent of Construction of the building at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1809-10)

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 10, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 26th day of September, 1910, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the United States Post Office at Greensburg, Pa., in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Greensburg, Pa., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1809-10)

NOTICE TO CONTRACTORS

Sealed proposals for water and sewerage system at Letchworth Village, Thiells, N. Y., will be received by Franklin B. Kirkbridge, Secretary of the Board of Managers of Letchworth Village, Room 215, No. 55 Wall Street, New York City, until 10:30 o'clock A. M., Tuesday, September 27, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$6,000, and the contractor to whom the award is made will be required to furnish Surety Company bond in the sum of \$60,000, within thirty days after notice of award of contract, and in accordance with the terms of Specification No. 1369. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of the Superintendent of Letchworth Village, Thiells, N. Y., or at the office of Franklin B. Kirkbridge, Secretary of the Board of Managers, Room 215, No. 55 Wall Street, New York City, and at the office of the State Architect. Complete set of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of, the State Architect, Franklin B. Ware, Capitol, Albany, N. Y. (1810-11)

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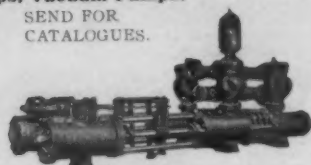
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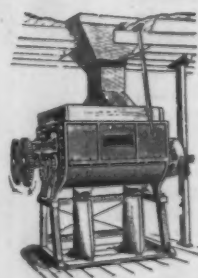
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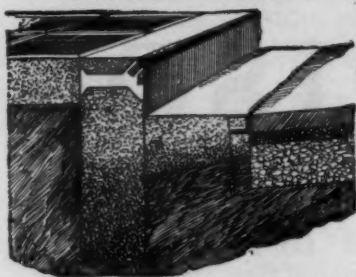
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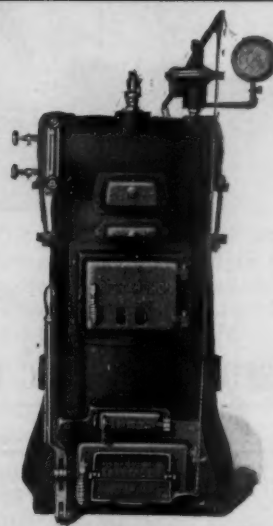
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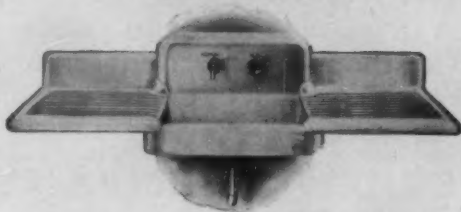
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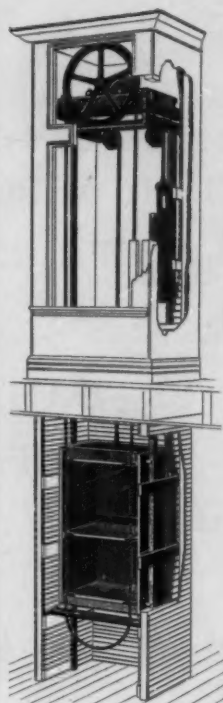
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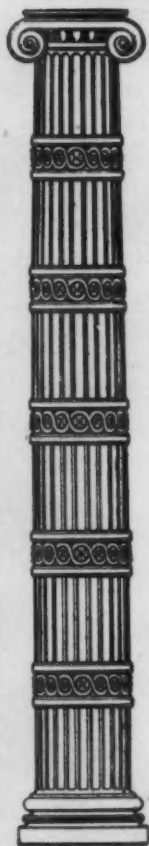
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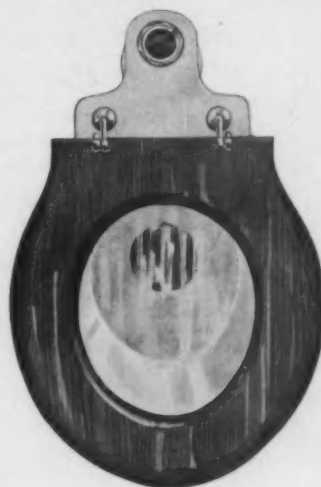
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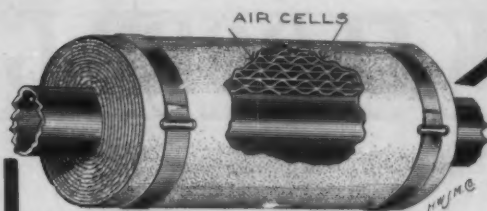
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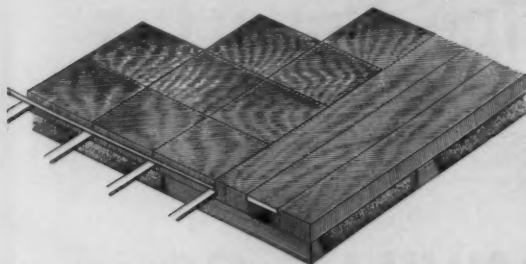
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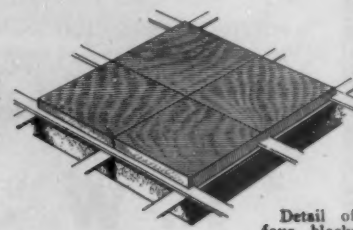
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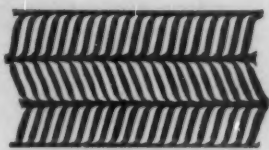
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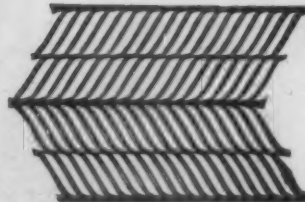
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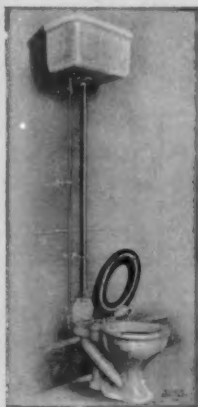
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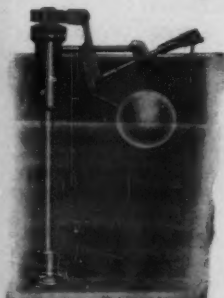
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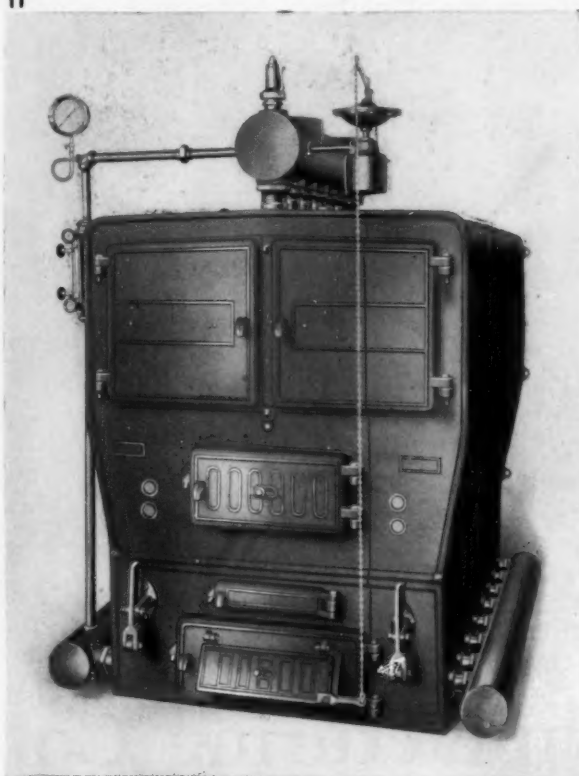
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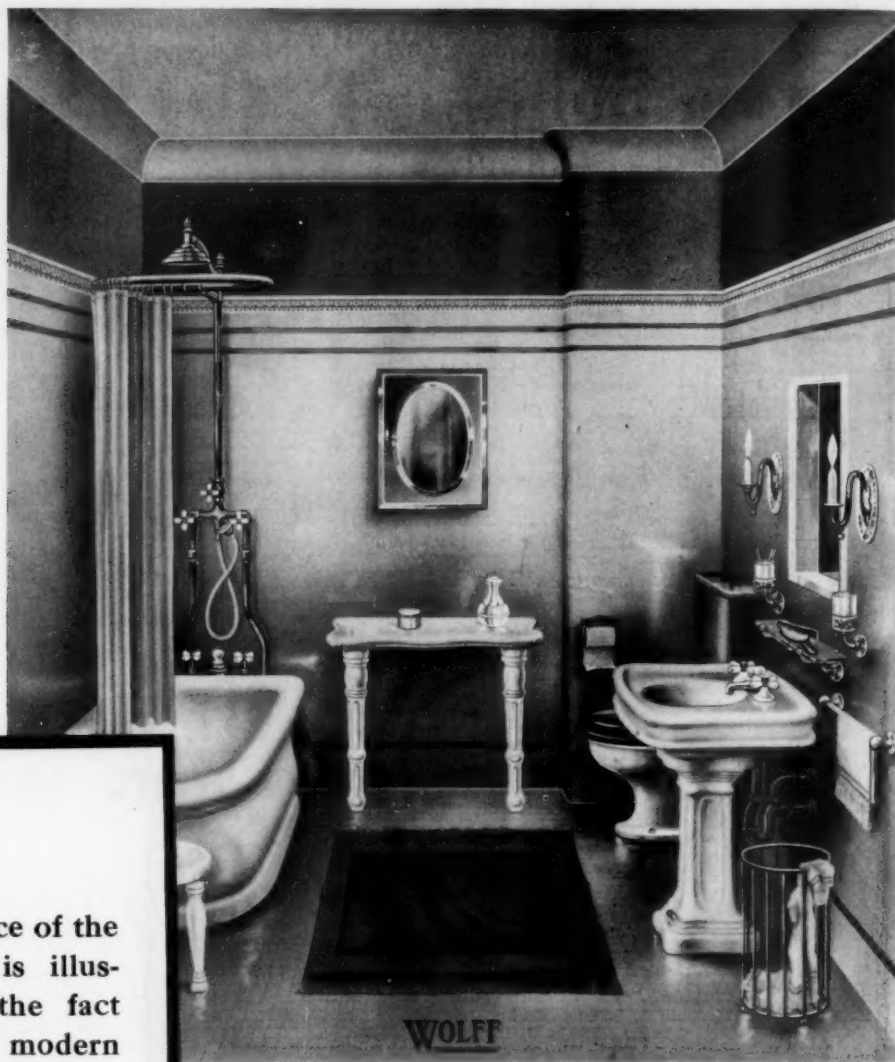
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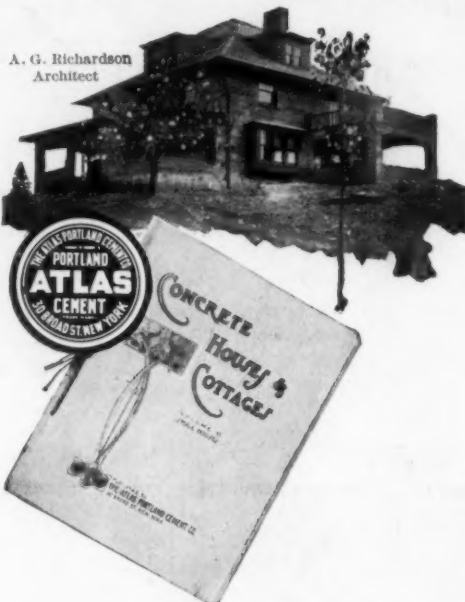
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VACUUM CLEANING

I—WHAT IT IS AND DOES

That the induction of a rapid and powerful flow of air through a properly proportioned opening into a chamber otherwise airtight may be utilized to remove effectively all dust and dirt from the interiors of buildings and their contents is one of the most obvious though most useful conclusions of modern science. The commercial feasibility of exhausting the air from an airtight vessel (*i.e.* creating a vacuum in it) has long been known and availed of. The tendency of the surrounding air to get back into the vacuum exerts the energy utilized in vacuum cleaning.

The elements of a vacuum cleaning system are: A vacuum producer or pump with the power to drive it (steam, electricity, gasoline or hand power); the airtight chamber (generally a cylinder or long pipe) into which the dust is drawn and in which the vacuum is produced; and the necessary flexible cleaning tools to permit of the most effective use of the energy created.

From the simplicity of its elements it will be inferred that the rapid adoption and development of vacuum cleaning depend upon a general realization of its sanitary and economic value and upon the facility of its application, due to the extensive use, in one form or another, of motive power in buildings.

All over the world people have, during the past decade or two, been aroused by medical science to the fact that they have been living and working, from time immemorial, in the midst of a quantity of filth injurious to health and which has defied the most vigorous application of broom, duster and sweeper to dislodge it. Now that escape from such unsanitary conditions is simple by vacuum cleaning, the wide interest in the subject is not surprising. When attention is called, for example, to the fact, ascertained from government statistics, that tuberculosis and pneumonia, the two most deadly and prevalent diseases, are almost entirely dust-conveyed and, therefore, preventable to a large extent by the removal (not the stirring up) of the disease-bearing dust germs from our habitations, the sanitary advantage of vacuum cleaning becomes tangible. In the year 1906 alone, dust, by infecting with consumption and pneumonia, killed 283,230 persons as against 104,210 who died as a result of all other epidemic diseases. In fact, the accumulated experience of years and new knowledge of infection by germs and bacteria have taught that the old-fashioned methods of sweeping and dusting have been the cause of more fatalities among human beings than a number of other agencies combined, not excepting wars, pestilences and dramatically contagious diseases, known to mankind since history began. While the bacteriologist has been working in his laboratory to discover means that will render harmless the germs and bacteria found in dust that cause infectious diseases, human ingenuity found no effective mechanical way of lessening the work of the house-cleaner and the danger from infection until within a comparatively few years ago, when suction or vacuum cleaning became a fact.

Another advantage of the thorough air-scouring by the vacuum process is the considerable saving in

wear over other methods in cleaning fabrics and decorations. For instance, a carpet which had been cleaned by a professional carpet-cleaning establishment was found, on being tested for dirt by the tool of a mechanically driven vacuum plant, to yield so much dust and grit that the first cleaning seemed very superficial. In another instance two rugs were tested for wear by cleaning, over a period of about one year, one being cleaned by vacuum, the other with a carpet sweeper. At the end of the period, the one to which the carpet sweeper had been applied showed visible wear, the evidence being found in the nap which was torn off at each sweeping—while the other showed no signs of wear and was perfectly clean, proving conclusively that the method of cleaning had considerably prolonged its life.

Vacuum cleaning is not an experiment; it is a firm step in the direction of civilization. The perfection and standardizing of the apparatus employed will soon place it in a class with sanitary plumbing as a necessity to health and required by the building regulations of every progressive community.

THE APPARATUS, ITS INSTALLATION AND REQUIREMENTS FOR HIGHEST EFFICIENCY

As in any industry the product of which meets a universal need, there has been keen competition among a number of individuals and companies to obtain a monopoly of the vacuum cleaning field. This competition has taken the form of numerous patents in the details of cleaning devices, from the small hand-power carpet cleaner with its suction fan, costing but a few dollars, to the built-in system operated by steam, gasoline or electricity for the largest buildings and costing thousands of dollars. In the course of evolving a satisfactory portable apparatus or an installed system, there has been a gradual elimination of the number of competitors, so that, to-day, the apparatus has been fairly standardized, thus insuring more economical production and resulting in the selling out of vital patents embodying details that did not permit of the formation of entirely satisfactory apparatus without infringement.

The vital parts of the machinery which have received the chief attention of the inventor are the vacuum producer, pump or fan; special machinery for supplying the driving force; devices for economizing the vacuum when the full capacity of the system is not required; devices for separating the air from the solid matter; devices for disposing of the solid matter in a sanitary manner; and the scientific construction of the cleaning tools for the highest efficiency under a diversity of conditions.

A number of patents have been granted on each of these parts and on other devices of a special nature. The makers of the apparatus have not, however, ceased experimenting for still greater perfection and architects, engineers and other experts particularly interested in vacuum cleaning will, no doubt, be able to find much that is new on a visit to places where the apparatus may be seen and tested.

The small portable cleaners are of two kinds, those operated by hand power and those, more expensive, operated by a small motor-driven centrifugal fan deriv-

ing its power from the electric-lighting circuit. It cannot be claimed that these portable outfits perform the same amount of work or are as thorough in their operation as the more powerful stationary systems. It can, however, be asserted that even the smallest vacuum cleaning outfits will render a service far superior, from a sanitary as well as an economic standpoint, to the former methods of sweeping and dusting. These smaller outfits will render a yet more important service; of the thousands of homes that possess them a great many will realize the fundamental advantages of vacuum cleaning. The great service that the portable vacuum cleaner will perform both directly and indirectly for modern sanitation must be admitted. In cases where the built-in system is not available, on account of its first cost, the architect will, no doubt, advise his client that a good portable apparatus will give him excellent service.

It is with the stationary installation that the architect needs technically to be concerned. When the subject of vacuum cleaning comes up with a client he must be the judge as to what kind of a system it is best to install and what requirements as to capacity, efficiency, cost of installation and operation it must meet. It is not intended by the foregoing outline or by the general specifications to follow to give him anything more than the starting point for an investigation of the subject.

(To be continued)

Legislation Against Billboards

Popular disapproval of the billboard as an agency for outdoor advertising is growing at a remarkable rate. But the war against the billboard cannot be too persistent, for the "opposition to the opposition" is well organized, and always ready to put to the test of the courts any new ordinance, wherever passed, proposing to eliminate or even regulate billboards.

The newer efforts directed against the billboards propose to regulate them and, further, to tax them. And in both respects great progress is being made. The Supreme Court of Missouri has recently passed a most important decision confirming the right of St. Louis to regulate by ordinance its billboards. The Legislatures of three States have recently considered laws designed to place a tax upon billboards. Massachusetts has been particularly active in an effort to secure such legislation. The crusade in that State has enlisted the hearty support of many of the leading professional and business men of the Commonwealth. Dr. Charles Eliot, of Cambridge, coined a new expression in the agitation against the billboard when he alluded to it as an "uglifier of landscape." Such it is and more. It is a menace to health and to morals. At present, through its general offices in Washington, the American Civic Association is directing particular attention to the possibility for accomplishing definite results in city and State legislation and is urging a further awakening of public sentiment against the desecration of city and county thoroughfares in the erection of poster walls. It cites as a notable instance of effective prohibitive regulations those in force in Washington. No new billboards are permitted there and as existing permits expire they are

not renewed. Not a billboard is adjacent to the union passenger station. The American Civic Association believes that every city gateway should be equally free from billboards.—*Art and Progress.*

A New Course in Architecture at University of Minnesota

A course in architecture and architectural engineering, it is stated, will be begun at the University of Minnesota at the opening of the term in September. The course, it is expected, will be expanded later on to form a department of architecture. The entrance requirements for architecture, it is announced, are similar to those for engineering.

PERSONAL

Dwight H. Perkins and J. L. Hamilton, architects, Chicago, Ill., have removed their offices to the Straus Building, 132 Clark street.

Messrs. Jean Owen & Co., architects, Great Falls, Mont., ask us to announce that they have opened offices at 216 Central avenue, where they will practise their profession. They desire to receive manufacturers' samples and catalogues.

E. Francis Williams and A. Rasmussen, architects, of Portland, Ore., wish to announce that they have formed a partnership for the practice of their profession under the firm name of Williams & Rasmussen, architects, with offices at 362 Washington street, Portland, Ore. They desire to receive samples and catalogues.

INDUSTRIAL

Modern Sanitation for August

Modern Sanitation, a monthly magazine, issued by the Standard Sanitary Mfg. Co., of Pittsburg, Pa., presents in its August issue a variety of interesting and instructive articles.

The leading article, "Pure Water for Life and Health Saving," by Day Allen Willey, is a well-written and illustrated account of the campaign for personal cleanliness and regard for the rules of hygiene as applied to the dweller in congested districts of our larger cities. Mr. J. J. Cosgrove contributes Part IV of the series on "The Design of the Turkish Bath," and Mr. Henry Hale describes the recently completed Y. M. C. A. building at Baltimore.

Modern Sanitation is distributed gratuitously and can be had by addressing the publication department of the Standard Sanitary Mfg. Co. at Pittsburg.

Sanitary Pottery

Under the above title the Trenton Potteries Co., Trenton, N. J., have issued an illustrated pamphlet, illustrating and describing the plumbing features of the recently completed terminal station of the Pennsylvania Railroad, erected in New York. This pamphlet may be had on request.



DeJano & Aldrich, Arch'ts. N.Y.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

CULLMAN.—Plans have been prepared for erection of a small city near this place; church, schoolhouse and residences will be built.—Jenkin W. Jones, Representative.

MOBILE.—County Board of Education has rejected all bids for Oakdale school, and will call for new bids; plans by Downing & Denham; cost not to exceed \$22,000.

TALLADEGA.—First Presbyterian Church has plans for erection of proposed \$50,000 college. Rev. J. F. Webb, Pastor.

TROY.—First Baptist congregation is considering erection of edifice in Brundige Heights.

ARIZONA

TUMACACI.—Railroad Y. M. C. A. building will be erected in this city in near future. G. F. Hawks, General Superintendent, E. P. & S. W. Railroad, is interested.

ARKANSAS

LAKE VILLAGE.—Lake Shore Hotel Co. has been incorporated with \$25,000 capital stock and will erect 35-room brick hotel. William Yerger, President.

CALIFORNIA

EAST SAN JOSE.—Board of Trustees have rejected bids for erection of fire house; revised plans will be prepared.

GRIDLEY.—Bids will be received until 8 P.M., Sept. 15, for erection of bank for the Gridley Agency of the Rideout Bank.

LOS ANGELES.—C. C. Rittenhouse, Wilcox building, is preparing plans for a three-story apartment house, to be built on Flower St.

Dennis & Farwell, Currier Bldg., are preparing plans for a two-story brick building to be erected at Fiftieth St. and Moneta Ave.

LOS ANGELES.—Twelve-room residence to cost \$17,000 will be built for E. L. Petitfils on Manhattan Place.

OAKLAND.—Board of Public Works will erect \$13,000 fire house at Pine and E. Fourteenth Sts., Elmhurst.

SAN FRANCISCO.—Wm. Curlett & Sons, Phelan Bldg., have prepared plans for erection of three-story building at Van Ness and Locust Aves., for Pioneer Automobile Co.

SAN FRANCISCO.—Plans have been completed by C. H. Barrett, 417 Montgomery St., Architect, for a seven-story apartment house for G. B. Demartini, to be erected on Bush St.

Architect C. A. Meussdorfer, Humboldt Bank Bldg., has finished drawings and is taking bids for five-story and basement apartment building on corner of Larkin and Turk Sts. for the G. G. Burnett estate, to cost about \$75,000. The Alferitz estate has commissioned him to design two flat buildings on corner of Jones and Chestnut Sts. and at Filbert and Leavenworth Sts., to cost about \$40,000.

SANTA MONICA.—Eager & Eager, Los Angeles, are preparing plans for two-story residence to be erected on Georgiana St., for Walter Raymond of Hotel Raymond.

VALLEJO.—The Board of Education again will attempt to have \$60,000 worth of high school bonds passed by citizens.

CONNECTICUT

BRIDGEPORT.—Bids will be received by Architect Leonard Asheim until Sept. 12 for building of proposed school house on Tesiny Ave.

BRISTOL.—Red Men's Building Association has accepted plans for new building which it will erect on Prospect St., as prepared by Architect Crabtree, New Britain.

NEW HAVEN.—Plans drawn by Architect R. A. D'Avino for six-family house on County St. for G. Baraco & Co., 46 Hill St.

WATERBURY.—Architect J. B. Duhaime has prepared plans for erection of residence on Lonsdale St. for Thos. Sosis.

WESTVILLE.—Edgewood Civic Association is considering plans for new library.

WINSTED.—Town has appropriated \$14,000 for erection of town hall.

DELAWARE

DOVER.—Architect William H. Cookman, of Pennsylvania Railroad, Philadelphia, Pa., has completed plans for \$25,000 passenger station.

WILMINGTON.—Twelfth Ward Democrats will build club house at Fourth and duPont Sts.

FLORIDA

FORT BARRANCAS.—Bids will be received until 11 A.M. Sept. 12 for erection of fire station. Address Constructing Quartermaster.

PENSACOLA.—Plans for main building to be erected at Interstate Fair Grounds have been completed. N. J. Lillard is interested.

WEST PALM BEACH.—W. W. Maughlin, Architect, has completed plans of a \$5,000 residence for John Brown, of Scotia plantation, Hypoluxo.

GEORGIA

ATLANTA.—Southern Regal Co. has had plans completed by Architect Eugene C. Wackendorff for erection of \$20,000 building at 380 Peachtree St.

C. E. Caverly will erect warehouse on Whitehall St.

EASTMAN.—Citizens have voted \$18,000 bonds for school buildings.

IDAHO

LEWISTON.—All bids have been rejected by Jas. Knox Taylor, Washington, D. C., for erection of proposed federal building.

ILLINOIS

CHICAGO.—Cosmopolitan Bank of Chicago, 155 Washington St., will erect 22-story building.

Mary Magdalene R. C. Church has had plans prepared by Architect John S. Flizikowski, Lafayette Bldg., for erection of modern church at 2633 E. Eighty-fourth St. Cost, \$100,000.—Rev. E. Kowalewski, Pastor.

DECATUR.—Erection of \$75,000 annex to Hotel St. Nicholas is being considered.

DECATUR.—H. J. Hall, of Morehouse & Wells Co., has commissioned Architect B. S. Brooks to prepare plans for residence to be erected at W. Forest and McClelland Aves.

MOBILE.—J. M. Hammerich and E. W. Tilson will soon erect business block at corner of Fourteenth St. and Seventh Ave.

MURPHYSBORO.—Supervising Architect Jas. K. Taylor, Washington, D. C., is preparing plans for erection of \$60,000 post-office building.

OTTAWA.—Plans for business block to be erected by S. G. Gay at corner of Jackson and La Salle Sts. have been completed by Architect Richardson and bids for the construction of buildings will be called for at once.

INDIANA

ALEXANDRIA.—Fowler Manufacturing Co. is planning to begin work soon on erection of proposed factory.

CLINTON.—Baptist Congregation will erect church at Fifth and Nebeker Sts.

CONNEERSVILLE.—Knights of Pythia have had plans prepared for erection of temple.

DANVILLE.—Jesse S. Ogden Post, G. A. R., will ask Board of County Commissioners for appropriation to build memorial hall on one corner of Court House Square.

ELKHART.—Wicks Refrigerator Co. is considering erection of additional factory.

EVANSVILLE.—The Gilbert Memorial Sanatorium Association has filed articles of incorporation and will build a large modern hospital at Water and Walnut Sts. that will cost \$75,000. Dr. William Gilbert, Fred M. Hostetter and M. Uhl are the incorporators.

HANOVER.—Hanover Deposit State Bank will erect building. Glenn Culbertson, President.

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Plans are being prepared by D. A. Böhlen & Son, architects, for addition to the French Lick Springs hotel to cost \$250,000. Thomas Taggart, President of company.

INDIANAPOLIS.—Plans are being drawn at Pittsburg offices of Pennsylvania R. R. Co. for large freight house to be built on Delaware St.

KENSINGTON.—J. H. Winterbotham Co. will enlarge plant.

MUNCIE.—School Board will erect \$200,000 high school next year.

ORLAND.—Local Masons have had plans drawn for erection of temple.

SOUTH BEND.—Bids will be received until Oct. 4 for erection of proposed detention hospital. Freyermuth & Mourer, Warner Bldg., Architects.

SOUTH BEND.—Plans have been prepared for erection of warehouse for Jacobson-Peterson Co. W. W. Schneider, 110 W. Jefferson St., Architect.

VAN BUREN.—Erection of modern school is being considered by town and township of Van Buren.

IOWA

CLEAR LAKE.—Clear Lake Boat Co. will erect modern storage and repair shop.

CLINTON.—Clinton Brewing Co. will spend \$50,000 on erection of new building.

DES MOINES.—Brotherhood of American Yeomen have purchased site on Fifth St. for erection of \$90,000 headquarters building.

FORT DODGE.—Proposed State Scandinavian Hospital will be erected in this city. Drs. T. H. Larson and T. K. Hunt, Chicago, are interested.

MUSCATINE.—Affiliated German societies of Muscatine will shortly erect \$22,000 structure which will be known as "Muscatine German Home." Wm. Wendlandt is interested.

WATERLOO.—Architect Jos. C. Llewellyn, Chicago, and Associate Architect M. B. Cleveland, city, have prepared plans for erection of eight-story \$175,000 building at Fourth and Sycamore Sts. for First National Bank.

KANSAS

HUTCHINSON.—Pentecostal Church of Nazarene is considering erection of \$100,000 college. Rev. H. M. Chambers, Pastor.

IOLA.—Missouri Pacific and Missouri, Kansas & Texas Railroads are considering erection of joint passenger and freight depot.

WICHITA.—First United Presbyterian Church will erect \$12,000 edifice at First and Ohio Sts. Wm. R. Stringfield, Winne Bldg., Architect.

KENTUCKY

HOPKINSVILLE.—Methodist Episcopal Church, South, is considering erection of edifice. Rev. Geo. H. Means, Pastor.

LEXINGTON.—Lexington Brewing Co. will erect \$25,000 addition to plant.

Masons are considering purchase of site on N. Broadway for erection of building.

LOUISVILLE.—Plans for \$9,000 residence to be erected in the near future by Mrs. G. D. Wayne at corner of Sixth St. and Ormsby Ave. have just been completed by D. X. Murphy & Brother, 140 S. Fifth St., architects.

Ben F. Vogt is considering erection of apartment house, cost \$40,000, at Third Ave. and Breckinridge St.

Plans are being made and work will be started before October 1 on the new business building to be erected by J. C. Klein on Fourth Ave.

LOUISVILLE.—Plans and specifications for the \$75,000 St. Charles Borromeo Church, to be erected at Twenty-seventh and Chestnut Sts., have been completed by C. A. Curtin, Columbia Bldg. Rev. C. P. Raffo, Pastor.

WINCHESTER.—James Oliver will erect modern business block on Main St.

LOUISIANA

COVINGTON.—Methodist Church is considering erection of \$10,000 edifice. Dr. John Kawyer is interested.

LAKE CHARLES.—Congregation of Immaculate Conception has plans prepared for erection of edifice.

MAINE

HARTLAND.—New Methodist Church will be erected. Rev. Mr. McAllister, Pastor.

MARYLAND

BALTIMORE.—Plans have been finished by Archer & Allen, Architects, Central Savings Bank Bldg., for \$20,000 new Enoch Pratt Free Branch Library to be erected at Gorsuch and Taylor Aves., Waverly.

Emory & Nussear, Architects, Professional Bldg., are preparing plans for residence to be built at Roland Park for J. T. Hendrick, traffic manager of the Western Maryland Railroad.

BALTIMORE.—Plans and specifications for \$35,000 home to be erected on University Parkway, Roland Park, for Prof. John C. Hemmeter, have been completed by Architect Robert C. Ulrich.

ELKTON.—Grace Church has rejected all bids for erection of edifice; revised plans will be prepared by Architect Geo. Worthington, Law Bldg., Baltimore.

FREDERICK.—Citizens will vote Sept. 26 on erection of \$75,000 school.

MASSACHUSETTS

BOSTON.—Ahevas Achim congregation, 215 Washington St., Dorchester, has secured site on Fowler St., Dorchester, where it will erect synagogue.

HOLYOKE.—Plans are being prepared for model packing plant to be erected by Cudahy Packing Company at foot of Dwight St.

NORTHAMPTON.—Architect R. F. Putnam has prepared plans for erection of addition to H. W. Field's, Main St.

REVERE.—Mary E. Daley will erect residence on Elm St., Central Park.

SPRINGFIELD.—Christ Church Parish is planning to erect \$10,000 edifice at Sheffield. Rev. F. W. Stearns, Pastor. Henry Vance, Boston, architect.

MICHIGAN

ALPENA.—Detroit and Mackinac Railroad will at once erect \$75,000 depot. F. H. Spiers, Detroit, Architect.

DETROIT.—C. Howard Crane has finished the plans for garage and two flats on Windsor Ave., Windsor, for H. Trumbull.

People's Outfitting Co. will erect five-story warehouses and stables at First and State Sts.

Architects F. Carl Pollmar and George H. Ropes, Cleland Bldg., are preparing plans and are about to receive bids for two-family flat building for Jacob Herstein, to be built on Garfield Ave.; also receiving bids on a brick flat building for W. A. Bremer, to be erected at 106 and 108 Garfield Ave., and preparing plans for garage to be built for Robert Houghten for Boulevard Auto Repair Co., on Gratiot Ave.

GRAND RAPIDS.—Crawford Chair Co., Grand Ledge, will erect factory in this city.

HOUGHTON.—Maas Bros., Architects, have prepared plans for erection of \$100,000 Masonic Temple; contract for foundation will be let at once.

KALAMAZOO.—G. R. & I. Railroad will erect warehouse at corner of Fulford and Reed Sts.

MARSHALL.—Marshall Furnace Co. will erect \$40,000 factory.

MINNESOTA

BEMIDJI.—Independent School District has decided to erect school in Henderson's addition.

DULUTH.—Rust-Parker-Martin Co. is planning to erect building at head of Lake Ave. Slip.

FERGUS FALLS.—Local Elks have decided to erect \$50,000 home. R. J. Angus is interested.

SPOONER.—Bids will be received until Sept. 15 for erection of village hall. Frank Young, Duluth, Architect.

ST. PAUL.—Trinity Church, Dewey Ave. and Carroll St., is considering erection of edifice at Marshall and Dewey Aves.

ST. PAUL.—For erection of building at church seminary joint Lutheran Synod of Ohio and other States has appropriated \$30,000; also \$5,000 to erect new home for head professor.

MISSISSIPPI

MERIDIAN.—First Presbyterian Church will erect \$40,000 edifice at Twenty-fifth Ave. and Tenth St.

MISSOURI

ST. JOSEPH.—Eckel & Aldrich, architects, Corby-Forsee building, are engaged in drawing plans for building soon to be erected at Seventh and Francis Sts. for Dr. Jacob Geiger.

ST. LOUIS.—Plans for erection of \$750,000 Masonic Temple at Grand Ave. and Windsor Place are being made under supervision of Captain Robert McCulloch, head of York Rite Masons.

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BUTTE.—City will sell \$250,000 bonds on Sept. 20 for completion of proposed court house for Silver Bow County. M. Kerr Beadle, County Clerk.

BUTTE.—Linnea Lodge, No. 174, Order of Vasa, is considering erection of modern hall.

NEBRASKA

BRIDGEPORT.—Two-story \$10,000 brick and stone building will be at once erected for Bridgeport Bank.

FREEMONT.—John Miller is considering erection of vaudeville theater.

SIDNEY.—Bids will be received until 1 P.M., Sept. 20, for erection of schoolhouse.—G. H. Gunderson, Director.

NEW JERSEY

BAYONNE.—From plans made by Architect Eugene Reilly, 228 Avenue D, \$6,500 apartment house will be erected on W. Eighteenth St. for Louis Gett and M. Buckbinder, of 447 Avenue C, Bayonne.

DEAL BEACH.—Theo. A. Meyer, architect, 12 E. Forty-second St., New York City, is preparing plans for the alteration to residence of Henry Sonn. Cost \$5,000.

ELIZABETH.—Isidor D. Berman has had plans made for erection of two two-family houses at 1031 and 1033 Louisa St.

Carl Schaffer will erect two residences at once at 34 Rankin St.

GLOUCESTER.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Washington, D. C., until Sept. 28, for altering main building at new immigration station.

JERSEY CITY.—Architect Frederick Smith, of 5 Beekman St., New York City, has completed plans for John F. Boyle Co., 500 Montgomery St., for a factory adjoining their present works.

Architect John A. Resch, 170 Lexington Ave., has completed plans for immediate erection of six houses on Virginia Ave., cost \$27,600, for Wm. E. England, 370 Bergen Ave.

NEWARK.—Hyman Rosensohn is preparing plans for a three-story frame and stucco dwelling to be erected for Ellis Himber at corner of Madison Ave. and S. Fourteenth St. Cost \$10,000.

Frank Grad has completed plans for a three-story \$8,000 frame dwelling to be built at 543 S. Twelfth St. for Kaplan Bros.

NEWARK.—Bids will be received until 3.30 P.M., Sept. 20, for erection of addition to Webster School.—Samuel Gaiser, Assistant Secretary, Board of Education.

PRINCETON.—Plans have been completed for proposed \$100,000 memorial to Grover Cleveland. Former Senator John F. Dryden, Newark, is interested.

NEW MEXICO

TUCUMCARI.—Adolph Varenburg will erect \$25,000 hotel building on Main St.

J. R. Daughtry will erect office building at once.

NEW YORK

ALBANY.—Architect W. J. Obenaus, Bensen Bldg., has prepared plans for rebuilding roller skating rink on Lark St.

ELMIRA.—Trustees of Elmira College and Architect Edw. L. Tilton, 32 Broadway, New York City, will at once take up plans for new Carnegie Science Hall, which will be erected on campus at an expenditure of \$40,000. Address President MacKenzie.

HINCKLEY.—Town has appropriated \$5,000 for building addition to school.

NEW YORK.—F. Leidem, 252 Graham Ave., Brooklyn, will erect six-story \$20,000 brick loft and store at 58 Willett St. A. Berres, 1513 St. Mark's Ave., Brooklyn, Architect.

E. Mezzadri, 22 Mulberry St., will erect six-story \$40,000 brick loft building at 65 Park St. O. Reissman, 30 First St., Architect.

Corporation of Trinity Church, 187 Fulton St., will erect eight-story \$300,000 brick factory at Hudson & Merton Sts. C. O. Haight, 452 Fifth Ave., Architect.

E. T. Gerry, Newport, R. I., will erect eight-story brick office and store building, cost \$400,000, at Fifth Ave. and Forty-seventh St. J. B. Snook's Sons, 73 Nassau St., Architects.

NEW YORK.—Angiola M. Buonicore, Tremont Ave., will erect two three-story frame dwellings, cost \$18,000, on S. Raymond Ave. Henry Nordheim, 1078 Third Ave., Architect.

NEW YORK.—Buckley-Newhall Co., Fifth Ave. and 125th St., will erect \$54,000 five-story loft building at 145 W. 125th St. Louis E. Jallade, 87 Liberty St., Architect.

NEW YORK.—Montgomery Securities Co., 1857 Anthony Ave., Wm. R. Montgomery, President, will erect two-story frame stores and loft on Webster Ave. at cost of \$5,000. L. F. J. Weiher, 271 W. 125th St., architect.

Jas. F. Clancy, 608 Morris Park Ave., will erect \$5,000 frame dwelling on Laconia St., M. W. Del Gaudio, 401 Tremont Ave., architect.

NEW YORK.—Bush Terminal Co., 100 Broad St., will erect \$160,000 ten-story factory on Twenty-ninth St. Wm. Higginson, 21 Park Row, Architect.

Emkaar Realty Co., 42 W. 114th St., will erect six-story brick apartment house, cost \$45,000, at Amsterdam Ave. and 173d St. G. F. Pelham, 507 Fifth Ave., Architect.

Roth Construction Co., 2255 Gleason Ave., will erect three two-story brick dwellings on Ludlow St. Cost \$18,000. Harry T. Howell, 149th St. and Third Ave., Architect.

Erusaelp Amusement Co., 271 W. 125th St., will erect \$10,000 amusement hall on Washington Ave. near 160th St. John Brandt, 271 W. 125th St., Architect.

NIAGARA FALLS.—Fire Commissioners have recommended erection of fire hall in the Fourth Ward.

OLCOTT BEACH.—St. Charles' Church will be rebuilt. Rev. John J. McGinn, Pastor.

ONEIDA.—Kenwood School District is considering erection of \$15,000 school.

POUGHKEEPSIE.—Catholic chapel will be erected at Pine Plains. Rev. Fr. La Velle, Amenia, is interested.

SYRACUSE.—E. C. King will erect two residences on Maryland Ave.

SYRACUSE.—Mrs. Mary C. Hogan has had plans prepared for erection of store block on South Salina St.

Architect A. T. Taylor, Syracuse Savings Bank Bldg., has prepared plans for erection of residence on Comstock Ave. for Prof. E. A. Emens, Syracuse University.

UTICA.—Labor Temple Building Association has approved plans for \$40,000 Labor Temple and work will be started in the near future for erection of four-story brick building on corner of Charlotte and Devereux Sts. Plans by T. H. Williams, Shubert Block.

NORTH DAKOTA

BISMARCK.—Citizens have voted \$15,000 bonds for erection of fire station.

DICKINSON.—J. I. Case Machine Co. will erect large warehouse in near future.

OHIO

AKRON.—Plans are being prepared by Architects Harpster & Bliss for erection of proposed children's hospital.

ASHLAND.—Architect F. L. Packard, Hayden Bldg., Columbus, will soon ask for bids on new \$100,000 hospital building.

BELLEFONTAINE.—Citizens have voted \$35,000 bonds to erect school.

CINCINNATI.—Jefferson Livingston will erect sixteen-story \$500,000 building on West Seventh St.

CIRCLEVILLE.—Architects Stribling & Lum, 85 N. High St., Columbus, are drawing plans for brick residence to be erected for E. A. Brown. Plans will be out shortly.

COLUMBUS.—Architects Stribling & Lum, 85 N. High St., are drawing plans for eight-room brick residence to be erected on the East Side for W. P. Powers. Owner will take bids.

Architects E. & C. Shankland, The Rookery, Chicago, are drawing plans for garage building to be erected on N. Fourth St. for Dr. W. D. Hamilton. Plans will be out shortly.

DAYTON.—Chief Engineer Lou Weaver of city water-works pumping station is urging construction of more substantial residence for the Chief Engineer.

MASSILLON.—Board of Education has adopted original plans submitted by Architect Edmund Herrmann for erection of school on West Main St.

WASHINGTON COURT HOUSE.—Architect F. L. Packard, Hayden Bldg., Columbus, has prepared preliminary plans for erection of Y. M. C. A. building.

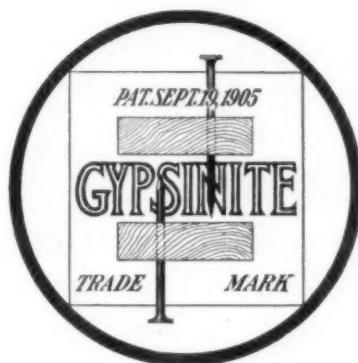
YOUNGSTOWN.—Plans are being prepared by Miller & Ford, architects, for new Baptist church at Wilson Ave. and Jackson St.

Architect August Wade is completing plans for erection of building on Rayen Ave. for Young Woman's Christian Association.

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opportunity to furnish you full information, samples, etc.

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New York Cleveland Chicago Minneapolis Kansas City San Francisco

OKLAHOMA

MUSKOGEE.—First M. E. Church will erect edifice in near future.

OREGON

PORTLAND.—D. R. Norton will erect residence in near future on Williams Ave.

PORTLAND.—Bids will be received until noon, Sept. 15, for erection of proposed \$30,000 Quincy Ave. branch library, at E. Seventy-ninth St. and Quincy Ave. Harry Whitefield, New York, Architect.

PENNSYLVANIA

BEAVER FALLS.—Architect Al. Snyder is preparing plans for erection of number of residences also for three-story building for Ambridge Aerie of Eagles.

BEAVER FALLS.—German E. L. Church will erect edifice this fall at Fourth Ave. and Sixteenth St.

BRISTOL.—Architect Chas. J. Brooke, Philadelphia, is preparing plans for erection of addition to plant of Bristol Patent Leather Co.

DARBY.—Citizens will vote in November on erection of town hall and fire house.

HONESDALE.—Architects Davy & Crowther, Scranton, have prepared plans for erection of \$30,000 hotel.

OLYPHANT.—Plan are being prepared by Architect John J. Feeney, Scranton, for nicklet vaudeville theater to be erected for Burgess P. E. Kilcullen and James A. O'Malley, on Susquehanna St. Cost about \$6,500.

PHILADELPHIA.—Catholic Home for Destitute Children will erect group of buildings at Twenty-ninth St. and Allegheny Ave. Cost, \$100,000. E. F. Durang & Soons, 1200 Chestnut St., Architects.

PHILADELPHIA.—John Stafford, St. James Hotel, will at once erect \$300,000 bachelor apartment house at Nos. 1216-18 Walnut St.

The Philadelphia Electric Company has had plans prepared for \$50,000 store and wagon building on Milnor St.

F. B. Davis will build a pair of three-story dwellings at Penn and McMichael Sts., Queen Lane Manor, to cost \$12,300. Plans are by Architect L. V. Boyd, Harrison Bldg.

PHILADELPHIA.—Albert J. Sanders has had plans prepared for erection of fireproof garage at Broad and Wallace Sts.

Trustees of University of Pennsylvania are planning for erection of chapel.

PHILADELPHIA.—Architect J. Horace Cook is preparing plans for two three-story wings to public school at Seventy-eighth St. and Buist Ave.

Thomas C. Trafford has plans for \$50,000 store and wagon building for Philadelphia Electric Company at Robbins Ave. and Milnor Sts., Tacony.

Erection of three-story building to be used by the Electrical Bureau is being considered by city.

PHILADELPHIA.—Architect E. A. Wilson, Land Title Bldg., is preparing plans for 30 two-story dwellings on Vine St. and nine three-story houses at Chester Ave. and Ruby St. for John F. Basford.

St. Stephen's E. L. Church has purchased site at Fortieth St. and Powelton Ave. Edifice will be erected in future.

PITTSBURG.—The W. G. Wilkins Co., Westinghouse Bldg., is preparing plans of \$35,000 brick and stone State armory building, to be erected on Emerson St., for use of Battery B.

Architect Louis Stevens will at once let contract for erection of residence on Parkman Ave., Shenley Farms, for D. H. Murphy.

PITTSBURG.—National Casket Co. will erect large addition to plant on Chartiers St., Northside.

PITTSBURG.—Sketch by Architect R. M. Trimble, Ferguson Bldg., of a new building for the Lawrenceville branch of the Young Men's Christian Association, at Butler and Forty-fifth Sts., has been approved and working drawings made.

Architects G. S. Orth & Bro., 341 Sixth Ave., are receiving bids on erection of \$150,000 W. P. Snyder residence on Ridge Ave., Northside.

ROCHESTER.—Bids will soon be advertised for erection of municipal building to cost \$10,500. Plans by Architect Mathews.

SCRANTON.—Architect P. J. Morris, Amsden Bldg., is drawing plans for two-story brick store building to be erected on North Main Ave. for P. J. Thomas.

Bids are being received by the Economy Store Company for erection of five-story brick warehouse on Franklin Ave. Cost about \$20,000.

Rev. J. J. Covalesski, Pastor of the Polish Catholic congregation of St. Peter and St. Paul, has purchased site on West Locust St. for erection of residence.

SWISSDALE.—Sisters of Charity will erect \$48,000 school in connection of St. Anselm's R. C. Church. Rev. Daniel O'Connell, Pastor.

TURTLE CREEK.—Congregation of McMasters Methodist Church will at once erect \$30,000 edifice. Rev. W. E. Barcus, Pastor.

YORK.—Grimwood Chemical Co. will erect plant in West York.—Chas. P. Grimwood, President.

SOUTH CAROLINA

ROCK HILL.—N. G. Walker, Architect, has drawn plans for residence for Fletcher Ruff, to be erected on Johnston St.

TEXAS

EL PASO.—El Paso & Southwestern System will extend freight station, at cost of \$15,000.

EL PASO.—Bids will be received until Oct. 1 for enlarging freight station for El Paso and Southwestern Railroad Co. H. J. Simmons, general manager.

HILLSBORO.—Episcopal congregation will erect \$7,200 residence at Craig and Abbott Sts.

HOUSTON.—Erection and final completion of St. Mary's Episcopal Church, corner of Terry and Harrington Sts., is now an assured fact. Rev. G. W. R. Cadman, Rector.

PORT ARTHUR.—Julius Kruttschnitt, Superintendent of Maintenance and Way, Southern Pacific Railroad, has approved plans for \$18,000 passenger depot.

POTEET.—Site has been secured and school house will be erected immediately.

SAN ANTONIO.—Charles H. Hart, Denver, Col., and associates are planning for construction of \$500,000 factory.

UTAH

MINERSVILLE.—Village will erect \$15,000 amusement hall.

OGDEN.—Loyal Order of Moose is considering erection of home.

SALT LAKE CITY.—W. N. Mill and J. D. Kilpack are considering erection of addition to New Windsor Hotel on Main St.

VIRGINIA

FRONT ROYAL.—Unity Lodge of Masons is considering erection of temple. Wm. E. Carson, Chairman Building Committee.

LYNCHBURG.—Elon District School Board will erect high school for Madison Heights next summer.

PETERSBURG.—M. L. Hofheimer will erect \$30,000 business building at Third and Broad Sts.

WASHINGTON

EVERETT.—Plans have been prepared by H. G. Kravix for erection of business block and hotel on Wetmore Ave.

SPOKANE.—Attorney Lester P. Edge and J. H. Tinsley are considering erection of apartment house at corner of Fifth Ave. and Monroe St.

SPOKANE.—Musser Lumber Co., Pearl and Montgomery Sts., will rebuild plant at cost of \$50,000.

WEST VIRGINIA

HUNTINGTON.—W. D. Alford will erect modern two-story building at Eighth St. and Fourth Ave.

MOUNDSVILLE.—Plans have been submitted by Herman Haas for erection of hose house at Sixth St. and Morton Ave.

SHERRARD.—High school will be erected at once. Site secured.

WISCONSIN

BELOIT.—Plans are being drawn by Architect F. H. Kemp for new building which George H. Cram will erect on Pleasant St.

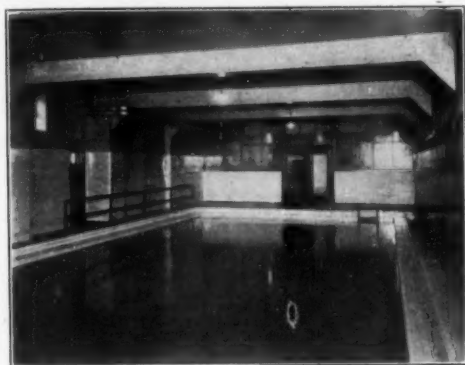
FOND DU LAC.—Telephone Co., Alonzo Burt, President, will erect \$75,000 exchange building on Sheboygan St.

GREEN BAY.—Hartmann, Nelson & Zappe Co. will erect large addition to plant.

IRON RIVER.—W. B. Clubure will erect summer home on shores of Muskallonge Lake.

MILWAUKEE.—Holeproof Hosiery Co. will at once erect \$18,000 addition at Fourth and Clybourn Sts. Plans prepared.

NEW RICHMOND.—Public Library Board has received from Andrew Carnegie notice of \$10,000 donation for library building.



Swimming Pool, Y. M. C. A., Syracuse, N. Y.
Gaggin & Gaggin, Architects.

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Stuccos which become mottled, stained and discolored by iron and foreign matter contained in the sand, spoil the effect of many good architectural designs.

Sand, which is necessary in most stuccos, contains iron and other foreign substances which cause stains. Sand stuccos also lack the elasticity necessary to resist cracking when the frame construction beneath them dries out and shrinks.

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requires no sand because composed of Portland Cement and Asbestos—which is asbestos rock and fibre ground together.

The many tough strands of asbestos distributed through it make this stucco more fibrous than granular, more like a fabric than a plaster.

It adapts itself to shrinkage of woodwork beneath and retains its beautiful gray-white color indefinitely.

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Residence of
John Neuscheler,
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POSITIONS WANTED

The rate for advertising under this heading in uniform style, solid type, is 50 cents for 50 words or less, **payable in advance**. Copy received until 12 m. Monday.

ARCHITECTURAL ENGINEER, expert designer of steel and concrete work, capable of preparing complete set of working plans for high class buildings, complicated alterations, thoroughly familiar with the Building Code of New York and general specifications, offers his services to architects requiring temporary assistance in carrying out important work. Address Box No. 5C, care American Architect. (1805TF)

CHIEF ASSISTANT of highest executive ability; most thorough experience in all branches; systematic and energetic; 10 years' on largest commercial work in New York City; last 2 years in charge of large Western office, desires position with partnership in firm doing heavy line of work; every opportunity given for investigation; no money to invest. Address 8A, care American Architect. (1808-11)

ARCHITECT, 32, A. R. I. B. A. and Paris training, experienced designer, rendering, perspective, and practical man of executive ability, 10 years with reputable New York firms, has charge of architect's office in New York City, is open for engagement immediately as chief assistant or draughtsman; salary \$200 a month, or commission. Address 10D, care American Architect. (1810-11)

DRAFTSMAN, age 27, married, desires position after Sept. 1; 9 years' experience in good offices; neat, quick worker; good on steel and concrete; render in color or pen and ink, and able to take charge of average office, including specifications, having held positions requiring the above qualifications; can furnish references; salary \$35; New York or vicinity preferred. Address 10A, care American Architect. (1810-11)

ARCHITECT and Building Superintendent with own office will prepare specifications, etc., superintend construction on part time, or represent out-of-town architects on local work; broad experience on institutions and better class of country work. Address 7C, care American Architect. (1810-11)

POSITION WANTED by good all around draughtsman; ten years' experience in good offices, rapid and neat; Middle West preferred. Address 11B, care American Architect. (1811-12)

TEMPORARY ASSISTANCE in the preparation of sketches and working drawings will be given by an architectural draughtsman at the rate of \$1.25 per hour; experience covers 15 years of the best class of work in New York City and vicinity. Address IIC, care American Architect. (1811-12)

A YOUNG AMERICAN, graduate of the Imperial Technical School of Austria, wishes a position as draughtsman with a good firm of architects; capable of making designs; knowledge of planning, detailing, also linear perspective; will show drawings; position in New York or Boston preferred. Address 11E, care American Architect. (1811)

A YOUNG MAN who is capable to make complete working drawings and details from sketches is open for a position; good reasons for leaving present position; samples of work will be furnished if desired. Address 11D, care American Architect. (1811-T.F.)

ARCHITECT'S SUPERINTENDENT—Man with ten years' experience in building line, estimating and superintending; thoroughly versed in all trades and types of construction and of good address, desires position with well-established architect as superintendent; can assist in the writing of specifications. Address 11F, care American Architect. (1811)

ESTIMATOR and Sales Representative—Experienced man desires to represent manufacturer of building material or specialty as local sales representative; thoroughly competent to take off quantities and estimate from architect's plans; 10 years of varied experience in the building line as salesman, estimator and superintendent; references exchanged. Address 11G, care The American Architect. (1811)

HELP WANTED

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. **Remittance should accompany copy**. Copy received until 12 m. Monday.

WANTED—Good general draughtsman at once; able to work up complete working plans from rough sketches and to detail. State age, experience and salary wanted. Walter P. Crabtree, Architect, National Bank Building, New Britain, Conn. (1811-12)

WOULD LIKE TO KNOW the address of G. R. Everett. Of interest to him. Address Geo. Winkler, Box 476, Tulsa, Okla. (1911)

WANTED—Immediately, a competent architectural draughtsman, familiar with house work and details. Permanent position to the right man. Address reply in own handwriting to Claude Bragdon, 415 Cutter Bldg., Rochester, N. Y. (1811)

SPECIAL NOTICE

The rate for advertising under this heading is \$1.80 an inch. **Remittance should accompany copy**. Copy received until 12 m. Monday.

Notice to Architects

(COMPETITION)

The Confederate Memorial Association has instructed its Executive Committee to receive competitive plans for a memorial building in Richmond, Va., to be known as the "Confederate Memorial Institute." The committee has engaged a firm of architects to act as expert advisers in the preparation and award of the competition.

Cost of building to be \$150,000.

Prizes ranging from \$1,000.00 to \$200.00.

Architects desiring to compete should apply for conditions of competition on or before September 30th, 1910, to

Hon. J. TAYLOR ELLYSON,

President Confederate Memorial Association, Richmond, Va. (1810-11)

PRACTICING ARCHITECT, located in New York City, desires an equal partner, one socially well connected and of good family, who can solicit clientage in New York and surrounding district; ability in design and draftsmanship not essential; references must be of the best. Address 10C, care American Architect. (1810-11)

PROPOSALS

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Copy received until 12 m. Monday.

NOTICE TO CONTRACTORS

Sealed proposals for water and sewerage system at Letchworth Village, Thiells, N. Y., will be received by Franklin B. Kirkbridge, Secretary of the Board of Managers of Letchworth Village, Room 215, No. 55 Wall Street, New York City, until 10:30 o'clock A. M., Tuesday, September 27, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$6,000, and the contractor to whom the award is made will be required to furnish Surety Company bond in the sum of \$60,000, within thirty days after notice of award of contract, and in accordance with the terms of Specification No. 1369. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of the Superintendent of Letchworth Village, Thiells, N. Y., or at the office of Franklin B. Kirkbridge, Secretary of the Board of Managers, Room 215, No. 55 Wall Street, New York City, and at the office of the State Architect. Complete set of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of, the State Architect, Franklin B. Ware, Capitol, Albany, N. Y. (1810-11)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Sept. 1, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 42th day of October, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Malone, New York, in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Malone, N. Y., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1811-12)

NOTICE TO CONTRACTORS

Sealed proposals for Power House Equipment (steam and plumbing work) and Trunk Steam Mains; also for Power House Equipment (electric work) and Feeder Cables, at the New York State Training School for Girls at Hudson, N. Y., will be received by Charles H. Strong, President of the Board of Managers of the New York State Training School for Girls, Hudson, N. Y., until one o'clock P. M., on Saturday the first day of October, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000 for Steam and Plumbing Work; and for \$1,000 for Electric Work; and the contractors to whom the awards are made will be required to furnish Surety Company bond in the sum of \$20,000 for Steam and Plumbing Work, and \$10,000 for Electric Work within thirty days after notice of award of contract, and in accordance with the terms of Specifications Nos. 1366 and 1370. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposal obtained at the New York State Training School for Girls, Hudson, N. Y., and at the Office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of, the State Architect, Franklin B. Ware, Albany, N. Y. (1811-12)

BOOKS ON ARCHITECTURE

Any book upon architecture or allied subjects which is in print, will be supplied promptly and at the lowest price. Get our prices before buying elsewhere. Write for list of best books on any subject upon which you want information.

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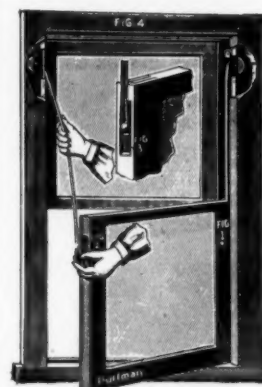
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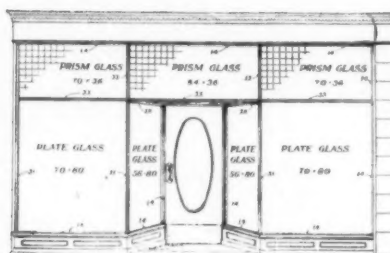
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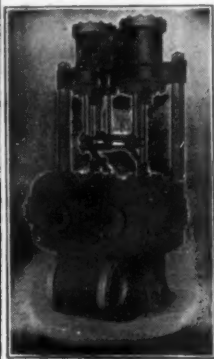
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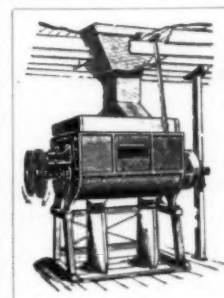
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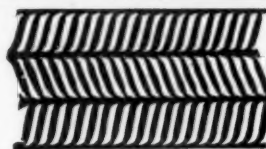
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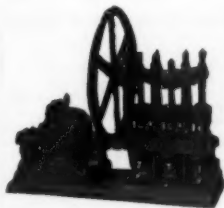
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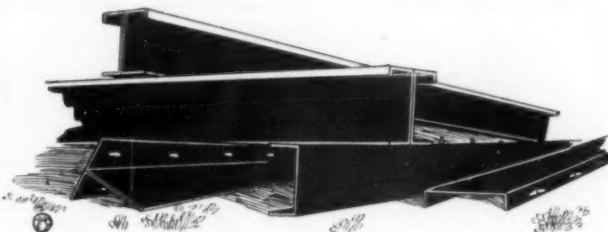


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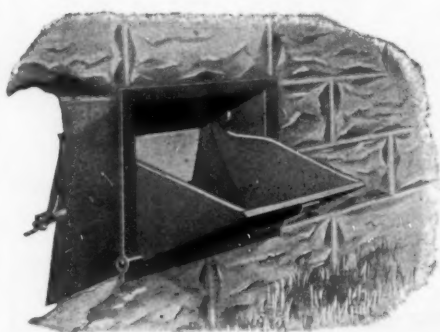
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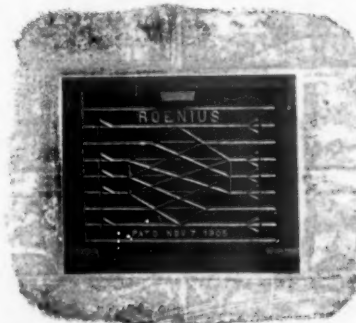
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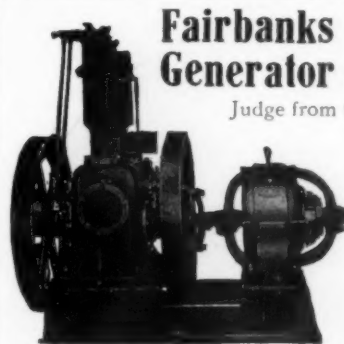
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A. W. BRUNNER, Architect



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is for use upon natural finished, painted or grained floors. In point of durability and appearance it cannot be excelled. It does not mar nor scratch white. It is pale in color and successfully withstands the hard usage to which a floor varnish is subjected.

Used by the Best Painters Everywhere

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We will appreciate your specification of this material and we agree to follow up the work to insure its use.

We refer you to Sweet's Index, pages 1324 and 1325

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Makers of High-Grade Varnishes for all purposes

Glidden Building

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GLIDDEN'S
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Protect and Ornament your Concrete,
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BAY STATE**BRICK AND CEMENT COATING**

It safeguards concrete and stucco from the ravages of dampness, prevents hair cracking, overcomes the monotonous gray tones or spotted appearance of cement, can be used as a finishing plaster on concrete walls instead of the ordinary finishing plaster.

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the cheapest modern improvement.

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An Architect's Proposition

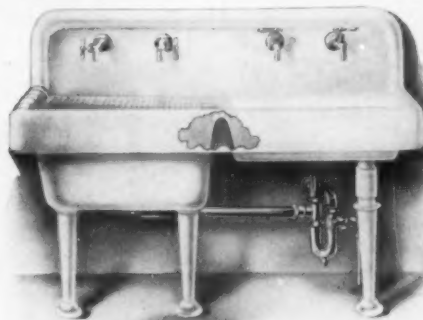


PLATE F-301.

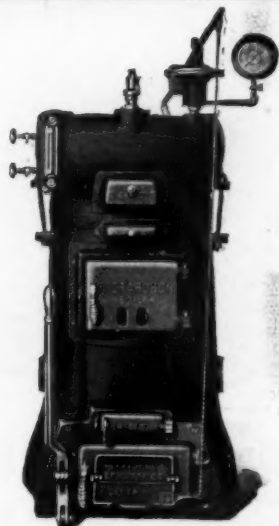
A sink and laundry tray combination consisting of sink, laundry tray, back and apron cast integral. An entirely new fixture and our own original design. Note the double partition with space between, which prevents damage from expansion and contraction.

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"Southern Beauty" goods are handled by leading jobbers and plumbers everywhere.

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Makes concrete impervious to water and gives absolutely permanent results. Will not affect strength, setting, or color of Portland cement. Not a wash or an experiment.

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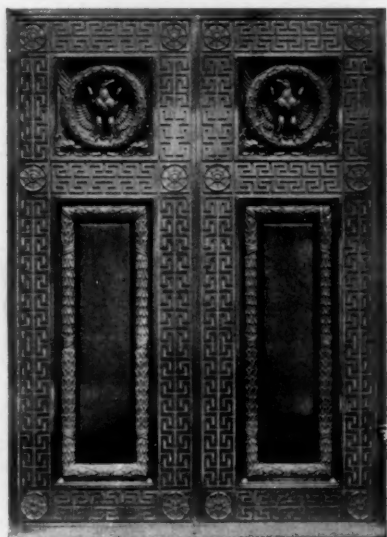
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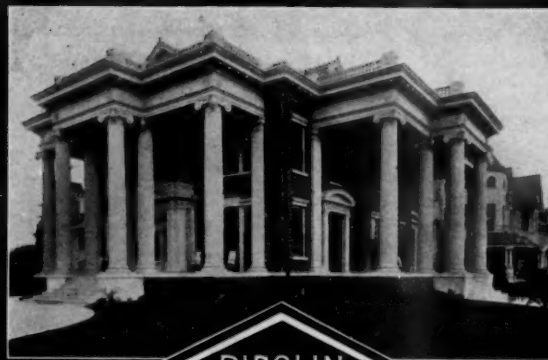
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Will not craze, peel or blister. Permanent in color. Gives a firm, beautiful finish. No Domestic paint can approach it.

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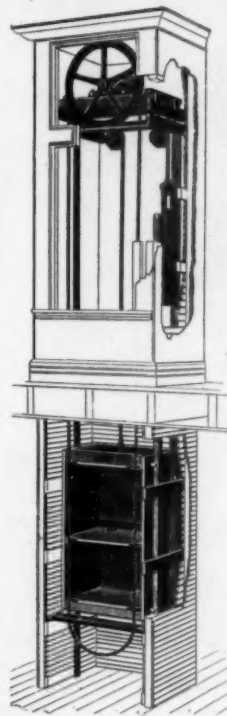


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THE STODDARD-KEWANEE
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Sounds his Doom.**

The Stoddard-Kewanee Water Heating Garbage Burner is the only perfected device that combines a highly efficient water heater with a private garbage disposal plant in one apparatus.

It provides the cheapest way of heating water in large quantities and furnishes a practical and economical means of destroying mixed garbage, hospital refuse, household and other accumulated rubbish when and where it is produced.

It evaporates and converts all waste matter into a combustible condition, assists in heating water for domestic purposes, and reduces it to an odorless ash, without emitting offensive odors or creating a nuisance, or maintaining an insanitary condition.

The Old Man Behind the Boiler is the fellow who builds these Garbage Burners, and will tell you all about them. There are no flies on him.

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Slate Siding

That is **Slate** Shingles for covering sides of buildings—a **Slate** especially planned by us for this particular use as to color, dimension and required strength. Size, 28" by 10" by 1", with 13" exposure; nail holes drilled and countersunk.

COLORS: made of our beautiful **Unfading Green**, growing greener with age; our rich **Royal Purple**; our unique **Unfading Mottled Purple and Green**; our **Variegated Green and Purple**; our terra cotta **Red** as well as our **Grand Central Blue Black**, thus affording a variety of color effects to choose from—colors that harmonize with natural surroundings.

SIZE AND EXPOSURE is made for a "long to the weather" effect, representing the old colonial shingle as used years ago, thereby obtaining an effect decidedly differing from the roof slate appearance as also one that is most appropriate for this purpose.

BEAUTY, UTILITY AND STABILITY are combined to perfection in this siding. It includes the most beautiful natural color effects, requiring no painting or other expense to maintain its fresh appearance, thereby making a siding actually of less cost than wood.

SPECIFY the E. J. JOHNSON production 1" thick to obtain the perfect results we have worked out in this idea.

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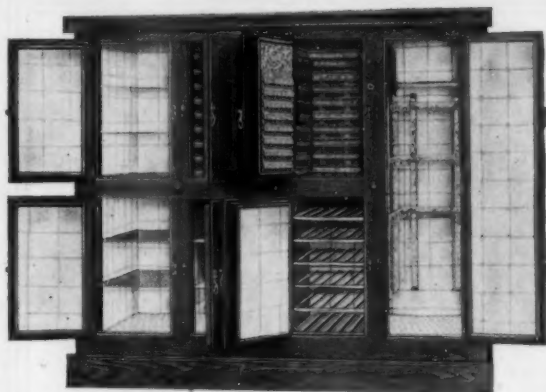
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Catalog of regular sizes appears in 1910 Sweet's Index, pages 1104-1107.

McCray Refrigerator Co.

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YELLOW PINE SIDING

The wrecking of old buildings furnishes striking illustrations of the remarkable durability of Yellow Pine.

A few months ago the historic old court house at Hampton, Arkansas, was torn down to make way for a larger and more modern building. Built in 1858, entirely of Yellow Pine, the fifty years of use and exposure to the climatic conditions of that region proved to have had no deteriorating effect on this remarkable wood.

The Siding, which was cut $\frac{1}{2}$ inch, without bevel, and was nailed to the studing without any sheathing under it, was found, with the rest of the lumber, in perfectly sound condition, apparently fit to go back into service for another fifty years.

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The Peyton Building Spokane, Wash.
Equipped with Mullins Metal
Fire Proof Windows.

The Peyton Building of Spokane, Washington, shown herewith, is one of the many hundred of modern fire proof buildings equipped with Mullins Windows.

Mullins Fireproof Windows are manufactured under the supervision of *Underwriter's Laboratories, Inc.* according to the latest specifications of the *National Board of Fire Underwriters*, and **every window is inspected, approved and labeled** with their official label.

We have catalogues showing our various lines of product. Please specify the particular class of sheet metal work you are interested in and we will send you the proper catalog for the same.

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It is easier to *prevent* a disastrous fire than it is to *stop one*.

The weak point in all buildings is through the windows.

These openings can be made as fire proof as the walls themselves by installing **Mullins Fire Proof Windows**.

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have successfully withstood the severest trials not only in factory experiments but in actual conflagrations.

Mullins Windows are perfect windows in every way.

Entire lock-seamed metal with no soldered joints in frame, sill or sash. They cannot warp or buckle and are not affected by heat, expansion or contraction.



Country House Heating



KELSEY HEATED RESIDENCE, GREENWICH, CONNECTICUT
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IN NO OTHER FIELD HAS THE KELSEY FRESH AIR SYSTEM SCORED GREATER SUCCESS THAN IN THE HEATING OF LARGE, FINE COUNTRY HOMES.

Send for "Reason Why" booklet and book, "Opinions"

THIS beautiful, modern residence, and thousands of other large, fine City and Country Homes, with from 20 to 50 or more rooms, in cold climates, high altitudes and exposed to high winds, are being **MOST HEALTHFULLY AND ECONOMICALLY HEATED AND VENTILATED** by the

Kelsey Warm Air Generator System

Fresh air and an abundance of it properly warmed with a complete change of air all through the house every ten minutes, if so desired, is what Kelsey Heating does.

KELSEY FRESH AIR HEATING IS PREFERRED TO STEAM AND HOT WATER HEATING by the users and people WHO INVESTIGATE, because there are no pipes and unsightly radiators to leak and cause damage; and because it's more healthful heating, costs less for fuel and repairs and is much easier to manage.

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Our sample book is in the Catalogue Cabinet file. See page 358 of Sweet's Index for further particulars.



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Specify our **FLORIAN SOUND DEADENING FELT** for floors and partitions.

Give your CLIENT A MODERN Store Front

A front that invites business and is an everlasting credit to you and to him.

Kawneer System

Let him be able to regulate the ventilation and drainage of his show windows—keep off frost and sweat in Winter and in Summer make them dust-tight. Only solid copper, brass, bronze and aluminum are used.

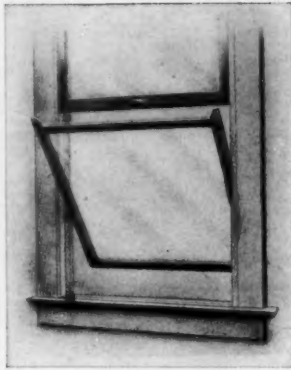
Other characteristic features are plainly described in Booklet No. 3—send for it.

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Showing Upper Sash Lowered and Reversed for Cleaning.

Endorsed by School Boards, Architects and Builders

A necessity—not a fad or luxury. A sane, sensible departure from the ordinary window, with its cleaning dangers, its tendency to stick, jam or rattle, and its proclivity as a draft producer.

A window that has made good. For the first time introduced outside of its home city.

A window that SLIDES UP AND DOWN and TURNS INSIDE OUT; that STAYS WHERE SET without any locks or catches; that BRINGS THE OUTSIDE TO THE INSIDE; that DIRECTS THE DRAFT TO THE CEILING; that PROTECTS the interior AGAINST RAIN OR SNOW.

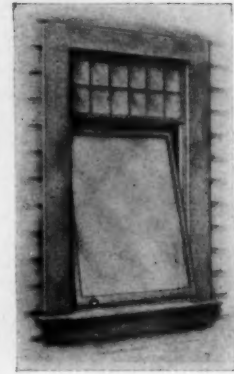
A window that is made right from California sugar pine. Will NEVER GET OUT OF ORDER, and in the end COSTS LESS.

WE PAY THE FREIGHT TO BUYERS' TERMINAL

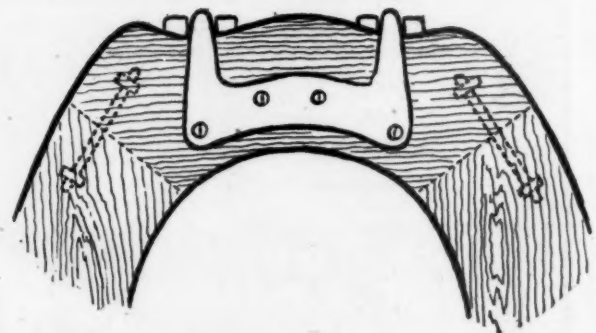
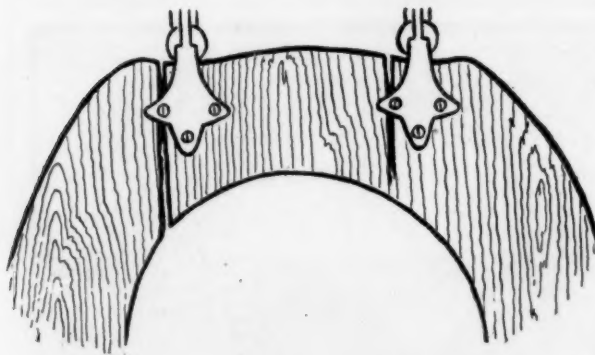
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Let us send you partial list of users and full details. Right away. Start on a good thing quickly. Territories now being allotted.

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This Casement With or Without Transom is Especially Adapted to Office Buildings.



The Strain On The Grain

of an ordinary closet seat has the effect shown in the cut on the left, which is an actual reproduction of a condition seen every day.

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"The Seat With The Bolted Joints"

Any style of hinge can be applied to this seat without danger of splitting it. The wood itself has the well known strength of properly seasoned, kiln-dried stock. This natural strength is reinforced with **Bolts, Nuts and Washers.**

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NEVER SPLIT SEAT CO.
EVANSVILLE, IND., U.S.A.

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That Is
Finished Like
A Piano.

The Seat
That Is
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Five Years.

4,830 Gallons of Water a Year

Is what a drop at a time from a bibb or faucet means. At average water rate, this means a loss of \$1.10 per tap per year.

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For beauty and durability's sake specify white lead of known purity.

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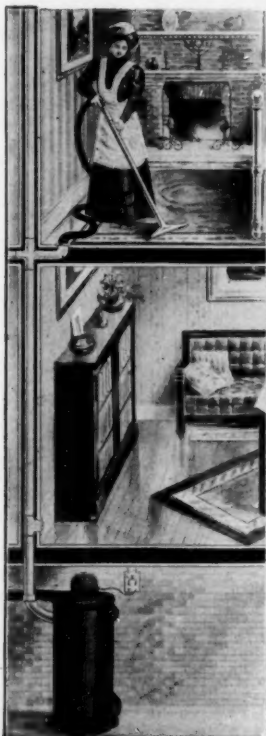
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If you have houses for sale or rent, or if you are now building for that purpose, you can easily, quickly and inexpensively increase the returns by installing the

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Simply connect the machine with chimney flue or vent, run piping from floor to floor, between walls or in corners, and make electrical connections. See illustration.

To clean any room all the housewife has to do is attach the hose to the pipe-opening on that floor, press the electric button and the machine does the work; draws in 170 cubic feet or 300,000 cubic inches of air per minute, and, with it, all the dirt and dust from the article being cleaned, and all the germs and impurities in the room. The dirt remains in the machine. The germ-laden air passes through the chimney flue or vent outdoors—is not exhaled back into room. The Tuec-170

so delights any woman that the small cost is returned to you many times over in higher rents and better selling prices.

Absolutely durable and guaranteed for work and wear. Only two bearings running in a constant oil bath. Not a rotary or diaphragm pump system, but a powerful centrifugal fan fully protected by patents owned by The United Electric Co.

You should know all about this wonderfully simple, efficient and sanitary cleaning system. Our free booklet tells you. Drop us a postal now and it will be sent to you at once.

THE UNITED ELECTRIC CO.

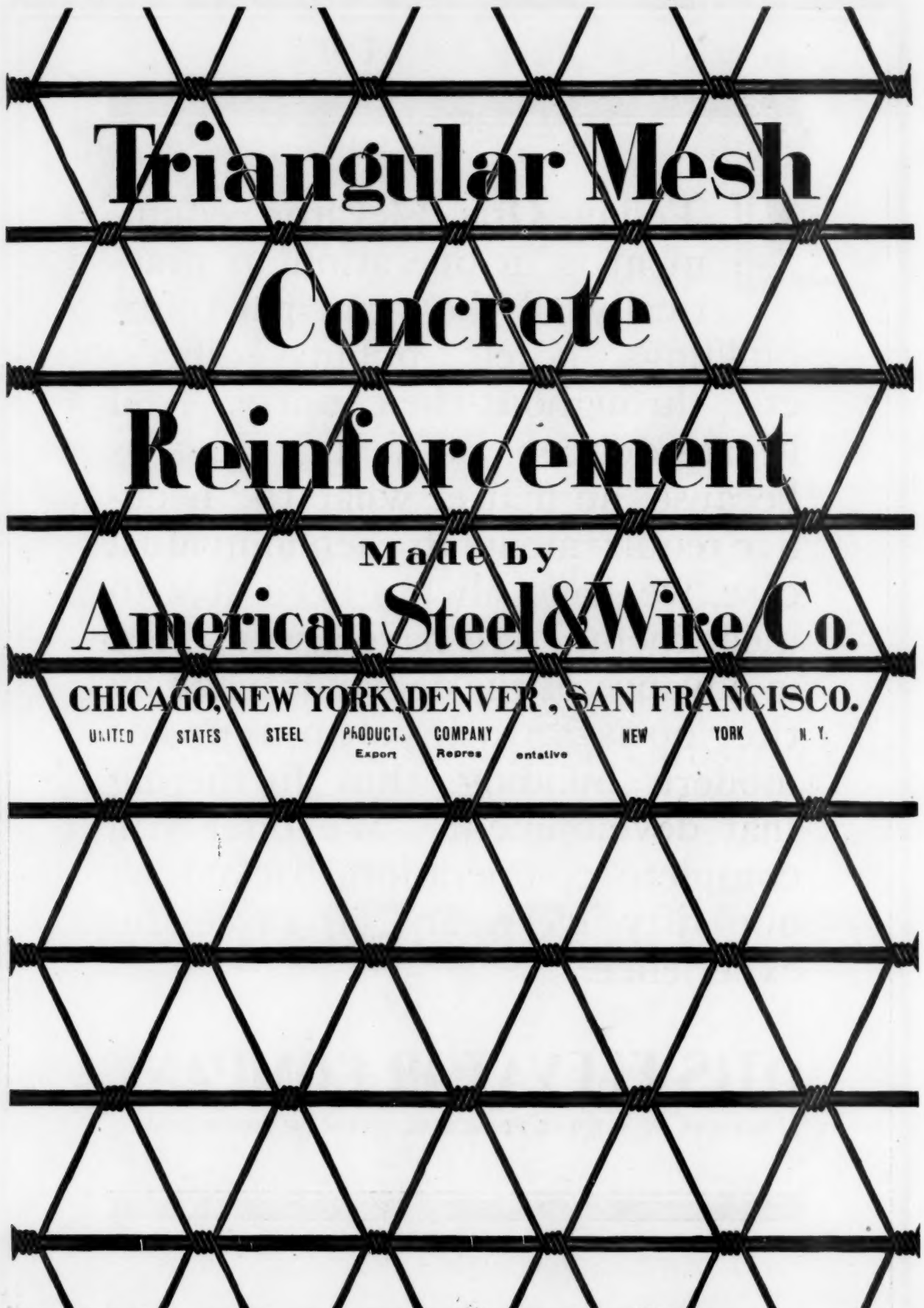
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Today Otis Elevator equipment is in operation in practically all the principal office buildings, hotels, public edifices, etc., throughout the country. And in residences as well. This is because, no matter what the peculiar requirements in each individual case, we have always been able to meet them. We have always kept in advance of the demands made by the constant development of modern building, thus furthering that development. We offer you complete co-operation, backed by our fifty-five years of successful experience.

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OFFICES IN ALL THE PRINCIPAL CITIES OF THE WORLD



Triangular Mesh Concrete Reinforcement

Made by
American Steel & Wire Co.

CHICAGO, NEW YORK, DENVER, SAN FRANCISCO.

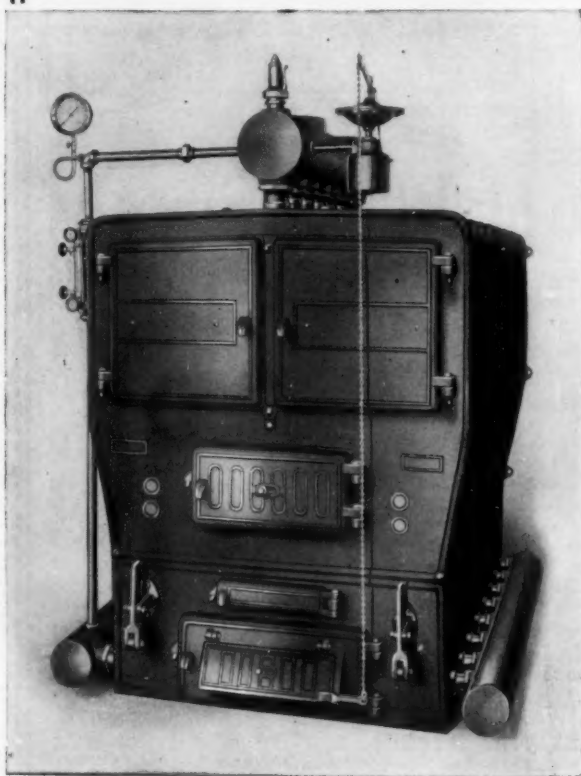
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Throughout the heating system our greatest aim is for

"RICHMOND" EFFICIENCY

To insure greater efficiency than may be obtained in an ordinary boiler we have utilized the best ideas on construction and made exhaustive tests for efficiency.



RICHMOND Water Base Steam Boiler

"RICHMOND"

Steam and Hot Water Boilers and Radiators.

have no superior in the field of cast iron boilers. In appearance they are trim—in construction superior—and in efficiency their record is the result of thousands of installations, where the architect's selections of **RICHMOND** Boilers have been justified by continual satisfactory operation.

Our Engineering Department is at the disposal of Architects for the solution of Heating Problems and for assisting in the preparation of reliable specifications.

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Five Plants: One at Norwich, Conn.; Two at Uniontown, Pa.; One at Racine, Wis.; One at Chicago, Ill.

Cameron Schroth Cameron Co. Chicago, Ills.



THE KEWANEE SYSTEM OF WATER SUPPLY



Perfect Water Supply Service

The residences and bungalows illustrated on this page are provided with all the sanitary conveniences which would be possible with a good water supply service. In each, a liberal supply of running water is available at all plumbing fixtures and outside connections; and that supply has strong pressure behind it. This splendid water supply service is furnished by—



Residence of R. J. Bagby, New Haven, Mo.

The Kewanee System of Water Supply

In the Kewanee System, there is no attic or elevated tank to leak, freeze, overflow or collapse, or to mar the beauty of the scenery. Instead, a Kewanee Pneumatic Tank is placed in the **cellar** or buried in the **ground**. Water is pumped into this tank from any source of supply, with any good pumping power; and it is delivered to the fixtures by **air pressure**.

The Kewanee System is not an experiment—there are over 10,000 of our plants in successful operation. Every Kewanee System is thoroughly guaranteed—we take all the risk and responsibility.



Residence of Gen. H. O. Corbin. D. H. Burnham Co., Architects.

Mr. R. J. Bagby, whose residence is illustrated on this page, wrote: "The Kewanee System works perfectly and is satisfactory in every respect."

Rev. J. Wilbur Chapman, whose place is shown below says: "We are perfectly delighted with the Kewanee System which supplies our country house with water, and I wish again to thank you for sending me so fine an outfit."

Mr. B. M. Hord's compliment is this: "My Kewanee System is absolutely perfect."

Gen. H. O. Corbin said: "The Kewanee System works better than I thought possible—all like it very much."

Let us show you what we can do for **you**. We make no charge for our specifications and estimates. Our engineering department is at your service; and our broad practical experience will be of value to you.

Our illustrated catalogue will give you full information regarding the Kewanee System. It is free. Please mention this magazine when you write.

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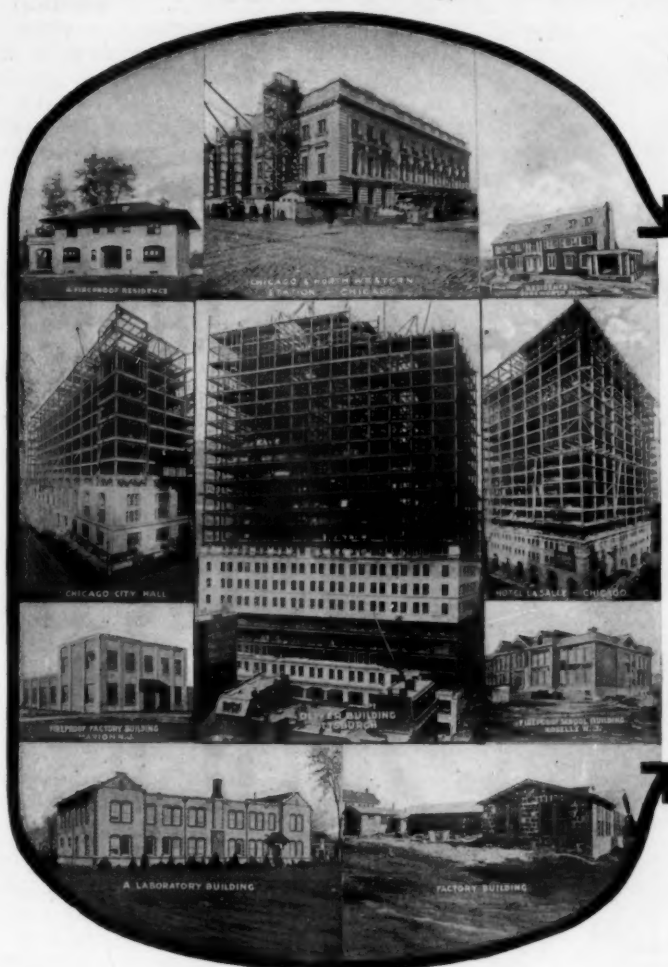
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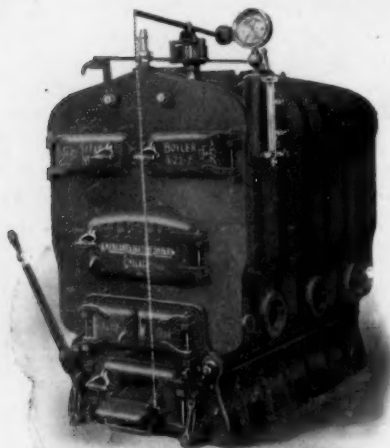
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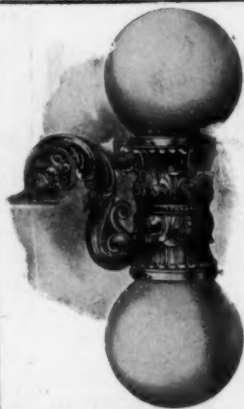
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VACUUM CLEANING

II—SPECIFICATIONS FOR THE INSTALLATION OF A VACUUM CLEANING SYSTEM

(Continued from Issue of September 7)

Vacuum Producer.—The vacuum producer may be either reciprocating or piston type of pump, either vertical or horizontal, operated by either steam, gasoline or electricity and direct connected or driven by belt or chain; rotary pump with or without sliding blades, operated either by steam, gasoline or electricity and direct connected or driven by belt or chain; steam jet; turbine operated by electric power direct connected to motor.

The motor (if one is used) is to be of sufficient capacity to operate the vacuum producer at full load without heat. Motor and vacuum producer are to be either direct connected or driven with a silent chain drive. Motor is to be of approved make, equipped with self-oiling bearings and installed so as to comply with the standard requirements of the Board of Fire Underwriters. The vacuum producer shall have a cylinder displacement of not less than.....cubic feet of free air per minute and be of sufficient capacity to operatesweepers simultaneously and to maintain a vacuum at the producer of.....inches with.....-inch carpet sweepers in actual operation, each sweeper being connected with 100 feet of 1-inch hose to different outlets.

The producer shall be practically noiseless in operation and be provided with an efficient means for cooling, to dissipate the heat due to the compression of the air and to maintain the temperature of the producer within —° of the surrounding atmosphere during three hours' continuous operation of the full number of sweepers simultaneously.

Automatic Control.—A suitable and efficient device is to be furnished for the purpose of automatically equalizing the vacuum and preventing undue waste of power when less than the total number of sweepers are in operation at one time.

Foundation.—A suitable foundation is to be provided by the contractor, upon which the producer and motor (if one is used) are to be installed and firmly bolted.

Connections.—(If motor is used.) The connections between the rheostat and the motor to be made by the contractor, also the connections for the water supply, exhaust and discharge to sewer (if sweepings are to be disposed of by being discharged directly into sewer). The owner is to bring the water supply and electric connections (if such are made necessary respectively by the disposal of sweepings or motive power) to within 10 feet of the vacuum producer.

The contractor shall supply everything necessary to make the plant complete according to the system which it is proposed to install, whether specifically mentioned in these specifications or not.

Cleaning Tools.—The contractor is to furnish..... sets of cleaning tools with joints to facilitate perfect freedom of action, and a valve in handle for controlling vacuum.

Hose.—The contractor is to furnish.....feet of 1-inch rubber or metal hose, as light and flexible as

possible, in lengths as called for in plans. Hose is to be interchangeable and easily coupled and uncoupled.

Hose Connections.—All outlets or hose connections are to be flush with baseboard and finished to correspond with other furnishings.

Piping.—The contractor is to furnish and install a system of vacuum cleaning to consist of.....risers and the necessary horizontal piping to connect said risers with the vacuum producer, all as shown on plans and as described hereinafter.

All pipe is to be standard, full weight galvanized wrought iron or steel. Ends of all pipe are to be reamed smooth inside after cutting and are to be slightly counterbored. All joints are to be screwed up tightly with a mixture of black asphaltum and graphite. All fittings are to be galvanized cast iron of long-sweep recessed drainage type. TY's are to be used in risers when branches are taken off for an inlet. This also applies to the top branch, as the tops of the risers are to terminate in TY's plugged for cleanouts, or for extensions. In addition to cleanouts to be provided in the fittings as described below, there is to be a cleanout every forty feet, or as otherwise directed, in the horizontal piping, even if it is necessary to place a T in the line for this purpose only.

In the case of exposed joints or those accessible without cutting away permanent work, 45° turns in a line with a TY, and offsets with two 45° turns with the unused opening in each case plugged for a cleanout.

In the case of concealed joints, inaccessible except by cutting away permanent work, long sweep ells are to be used instead of the plugged fittings.

Risers are to be securely stayed by means of suitable clamps about every 20 feet or as otherwise directed, and the horizontal piping is to be hung from the ceiling by means of malleable iron pipe hangers placed approximately 15 feet apart.

The horizontal lines are to have a slope of one in fifty from the foot of the risers to the vacuum producer.

The entire suction piping is to be tested to 40 pounds per square inch air pressure and should show no drop in the gauge for one hour.

Outlets.—On each floor and connected to each riser there are to be suitable inlets for hose connections as follows:

Basement	-	-	-	-	-	
First floor	-	-	-	-	-	
Second floor	-	-	-	-	-	
Total	-	-	-	-	-	

Instructions.—The contractor is to give full instructions to the proper parties regarding the care and operation of the apparatus and of the cleaning tools.

Guarantee.—The contractor shall guarantee the system for one year against defective material or workmanship, and shall furnish a sufficient guarantee protecting the owner against suits or awards of damages by reason of infringement of patents.

Variable Speed Motor.—If variable speed motor is preferred in place of automatic control, leave out automatic control and change description of motor to read as follows:

Furnishing communicating pole motor of sufficient

horsepower to drive the apparatus with maximum number of sweepers in operation. Motor to be installed in accordance with the requirements of the National Board of Underwriters and the city department having supervision of such matters. Motor to be variable speed and provided with automatic control and speed regulators adjusted to vary the speed of motor to correspond with the demands of the system, so that the vacuum pump will be driven at the speed required for the number of cleaning tools in actual use at any given time, and when inlet valves are shut off the motor to stop automatically and start again as soon as opened.

INFORMATION TO BE SUBMITTED WITH ESTIMATE

1. List and description of cleaning tools to be furnished. 2. Style of vacuum producer. 3. Speed of vacuum producer. 4. Cylinder displacement in cubic feet per minute. 5. Actual horsepower or steam pressure required. 6. Horsepower of motor (if used) to be furnished. 7. Floor space required. 8. Description of automatic control. 9. Size of piping figured on. 10. Special features, if any, which make the system superior to others.

The essential qualifications to be looked for by the architect in a vacuum cleaning system are briefly:

Sufficient power to insure thorough cleaning, but not too much; proper design of piping; economy of operation consistent with good work; simplicity and durability of system; adaptability to purpose of the cleaning tools.

For office buildings where high pressure steam (50 pounds or more) is available, the steam jet system is said to be the most economical power for producing vacuum. Tests of cost have recently been made on such a system, having a capacity of six sweepers, proving that with an efficient steam supply the expense need not run over 5 cents per hour. Of course, for buildings of many stories where the pipe runs are excessive, more power must be supplied. A modern New York skyscraper of twenty-three stories installed, a few years ago, an eighteen-sweeper plant at a cost of about \$5,000. With twelve sweepers at work simultaneously, the superintendent of the building asserts that its entire floor area is cleaned in about two hours, effecting a substantial saving annually in labor, cleaning materials and inconvenience, besides rendering a service so far superior to any sweeping by hand that no comparison can be made. The steam jet is available only in buildings which have an independent power plant or are connected with one. Where electrical power is supplied from outside, the vacuum must be produced by the connection of a motor to the producer in any of the ways stated in the specifications. Such is the case in most smaller buildings and, therefore, might almost be said to be the rule for vacuum installations of average capacity.

In hospitals, the advent of vacuum cleaning is especially welcomed, as it cares for one of the most troublesome details of hygienic administration, the cleaning of the wards. By the use of the vacuum tool this may be accomplished at any time without disturbing the pa-

tients, since there is neither commotion, dust nor noise. The walls, ceilings, beds and furnishings also receive the most thorough air-scouring without dissemination of the dust through the air. In fact, the vacuum cleaner ventilates while it cleans, removing a large volume of air per minute in performing its work.

In school houses, where the furniture offers many obstructions to the ordinary methods of cleaning, the vacuum system is of the greatest sanitary value, making easy the most thorough scouring, by the aid of specially designed tools, of all out-of-the-way surfaces, corners and nooks that could, with great difficulty, be but indifferently swept or mopped. The same applies, with equal force, to all places of public assembly where dust and disease germs are most likely to prevail in large numbers. The vacuum cleaner is equally effective in removing water from a surface and effectually drying it up.

The cleaning tool is obviously of the most vital importance in the many applications of air-cleaning, for, no matter how excellent every other part of the system may be, imperfect or unsuitable cleaning tools may largely or entirely vitiate its efficiency. The tools, therefore, are the eyes of the system and are, in fact, scientifically constructed instruments, the result of persistent experimenting. For example, it was found that the area of the cross-section of the opening in the tool must be equal to that of the hose and that this opening must be placed at such a distance from the surface to be cleaned and be so proportioned that the air will freely rush into the tool. The more vacuum at the cleaning tool the less the chance for the air to rush in and, therefore, the less the work done. So long, therefore, as the architect is sure of getting tools which are properly made and proportioned, he need pay no attention, in general, to the vacuum maintained by the system at any point but at the producer; the loss by friction on the pipe is of little consequence provided the piping is of the right kind and properly installed and connected.

ESSENTIALS OF PROPERLY DESIGNED CLEANING TOOLS

1. Concentration of action as against scattered effort. 2. All tools should be double acting. 3. Interchangeability of parts and attachments. 4. Automatic connection to handle for tools that require the most frequent changing. 5. Swivel joints to insure self-alignment on surface to be cleaned. 6. All tools should be either of narrow face to allow of rocking or provided with rocking joints to keep tool always in proper working position. 7. Degree of vacuum at tool should not be sufficient to cause it to stick or cling to surface to be cleaned. 8. Tools must be designed so that least wear will result from their contact with the surface to be cleaned.

Installation.—The best results from a vacuum cleaning system require that it shall be designed in detail by the expert. As to the actual installation, there is no reason why any plumber or gas and steamfitter cannot perfectly perform the job, which is nothing but straight piping in which special material is supplied.

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PERSONAL

Mr. Richard H. Marr, architect, Detroit, Mich., announces that he has opened offices at the Ford Building, Detroit, where he will practise his profession.

We are advised that the firm of Graham & Myers, architects, Seattle, Wash., has been dissolved by mutual consent. Mr. David J. Myers will continue in practice with offices in the Central Building.

Elmo Cameron Lowe and J. Carlisle Bollenbacher announce the formation of a partnership for the practice of architecture, with offices in the Corn Exchange Bank Building, Chicago, Ill.

Mr. H. F. L. Allen, formerly with The Stirling Co., has, we are informed, been appointed special representative in Washington, D. C., of the Hydrex Felt & Engineering Co.

We are informed by Messrs. Norton & Foster, architects, that they have opened an office, where they will practise their profession, in the Chronicle Building, Ardmore, Pa. They desire to receive manufacturers' samples and catalogues.

The Raymond Concrete Pile Co., of New York and Chicago, inform us that they have opened offices at Portland, Ore. This office will be in charge of Mr. Gordon B. Raymond.

Publisher's Announcement

We have now in press the year book of the Society of Beaux-Arts Architects, season of 1909-10. This work contains all the programs for the season just closed, together with illustration of the premeated designs.

It will be bound in full cloth with pages uniform in size with THE AMERICAN ARCHITECT. The subscription price is \$4.00 net, postage prepaid. As the edition is limited to 350 copies orders should be promptly forwarded.

Students and others who have subscribed for this work will be notified as soon as it is ready for delivery, probably about September 20.

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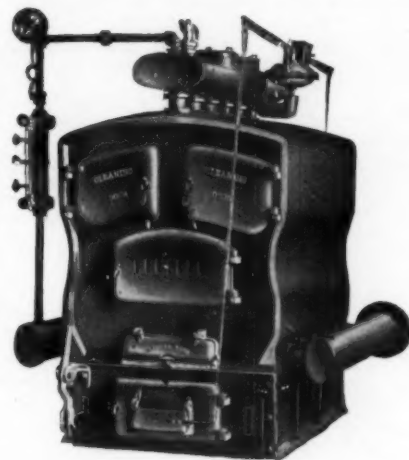
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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

DOUBLE SPRINGS.—Tennessee Valley Bank is considering erection of building. S. S. Broadus, Decatur, president.

BIRMINGHAM.—Plans for Y. M. C. A. building, as prepared by Architect H. B. Wheelock, have been adopted by Building Committee.

TALLADEGA.—Synod of Alabama will erect \$40,000 college building. F. B. Webb, 170 Coffee St., is interested.

ARIZONA

NOGALES.—Cummings & McIntyre will erect two-story business block at an early date on Mourley Ave.

CALIFORNIA

ALTURAS.—Competitive design for an eight-room stone and brick school house to cost \$21,000 by Architect James T. Narbett, Ochsner Bldg., Sacramento & Chico, have been accepted.

BAIRDSTOWN.—Frederick Noonan, Los Angeles, has been commissioned to prepare plans for school building to be erected at Bairdstown, for which about \$20,000 is available.

DURHAM.—Plans for a four-room school building to cost \$10,000 are completed. Architect James T. Narbett, offices Ochsner Bldg., Sacramento & Chico.

GRASS VALLEY.—Architect Jas. T. Narbett, Ochsner Bldg., Sacramento, has submitted sketches for a \$60,000 Tourist Hotel; stock company has been organized to build the building and furnish same.

LONG BEACH.—W. L. Porterfield is considering plans for erection of \$1,250,000 hotel and apartment house.

LOS ANGELES.—Plans for church building to be erected at Fifty-third and Main Sts., for the South Main Street Episcopal congregation, are being prepared by Jeffery & Van Trees.

MAYBERRY & PARKER, Pacific Electric Bldg., have prepared plans for erection of residence in Cerritos Hills, near Long Beach, for L. Bixby.

LOS ANGELES.—Three-story brick apartment house to contain 60 rooms will be erected on Flower St. for Hulda S. Miller. E. J. Borgmeyer, Architect.

LOS ANGELES.—Hunt & Burns have completed plans for a fine 16-room residence, to be built in Alhambra for William Orr.

Architect F. M. Tyler, Laughlin Bldg., has prepared plans for erection of residence on Normandie Ave. for S. W. Belden.

MARYSVILLE.—Plans have just been completed for a residence for C. W. Dyer. Architect Jas. T. Narbett, Ochsner Bldg., Sacramento.

OAKLAND.—Brooklyn Lodge, No. 225, F. & A. M., will erect temple at East Fourteenth St. and Eighth Ave. J. D. Hatch, Architect.

Concrete reinforced with twisted steel and fabric will be used in construction at 1313 Garfield St. of two-story, 14-room residence for J. E. Marble, the plans having been prepared by Edward C. Kent, Auditorium Bldg., Los Angeles.

OAK PARK.—Architect Jas. T. Narbett, Ochsner Bldg., Sacramento, is getting out sketches for a reinforced concrete bank building in the mission style, cost approved, \$17,000.

OROVILLE.—Architect James T. Narbett, Ochsner Bldg., Sacramento, is preparing plans for a handsome new home for Jas. H. Leggett. The Italian Villa style will be used.

PASADENA.—Plans for store building to be built for Mrs. Adelbert Fenyes at 316 East Colorado St. are being perfected.

SAN FRANCISCO.—J. G. Barker has plans in preparation for brick building to be erected on Mission St.

SAN FRANCISCO.—Sue Hing Benevolent Association will erect five-story brick building on Waverly Place. Architects, O'Brien Bros., Clunie Bldg.

SAN FRANCISCO.—San Francisco Council, Knights of Columbus, will erect \$150,000 home on Golden Gate Ave. Smith O'Brien, Humboldt Bank Bldg., architect.

SAN FRANCISCO.—Work will begin at once on erection of three new high schools. Plans prepared. Total cost, \$1,300,000.

SOUTH PASADENA.—H. Cant is having plans prepared for erection of residence.

WHITTIER.—Plans for the new \$50,000 hall of science of the Whittier Union High School have been completed by Norman F. March, Architect, Los Angeles; bids will be advertised for at once.

WILLOWS.—Sketches have been prepared by Jas. T. Narbett, Ochsner Bldg., Sacramento, for a \$40,000 hotel for Sacramento Valley Irrigation Co.

YUBA CITY.—Work has been started on a \$7,000 reinforced concrete home for Dr. Barr, and also on a frame residence for H. H. Wolfskill. Jas. T. Narbett, Ochsner Bldg., Sacramento, architect for both buildings.

CONNECTICUT

BRIDGEPORT.—Architect E. G. Southey, Broad St., has completed plans for residence to be built on Crown St. for E. R. Sherman.

Architect William Schmidt has completed plans for residence on Wayne St. for Frederick Wheeler.

MANCHESTER.—King David Lodge No. 31, I. O. O. F., is considering erection of brick block at Main and East Center Sts.

MANCHESTER.—G. S. Smith and Brothers will erect modern garage on Bissell St.

MIDDLETOWN.—Hartford & New York Transfer Co. is planning to erect new steamboat house.

NEW HAVEN.—Meyer Arrick has had plans prepared for erection of store and apartment building at Derby Ave. and Norton St.

Plans have been completed for the two buildings to be erected at the plant of the National Pipe Bending Co. in River St.

WATERBURY.—Plans have been prepared for a new frame house on Randolph Ave. for F. H. Humphrey. W. H. Humphrey is architect.

Architect Jos. T. Smith, 36 North Main St., has prepared plans for erection of frame residence on Farmington Ave. for C. Seeley & Co.

DELAWARE

WILMINGTON.—Directors of the Knights of Pythias Hall Co. have rejected all the bids submitted for the erection of a hall on West St.

DISTRICT OF COLUMBIA

WASHINGTON.—William L. Stewart is preparing to erect five two-story brick dwellings at 1839-1847 Newton St., Northwest. W. J. Palmer, Warder Bldg., is architect; buildings will cost approximately \$10,000.

Plans are in progress for residence to be erected for Carl Droop in Wyoming Ave. Northwest. Architects Harding and Upman, 729 Fifteenth St., N. W., will have the plans completed during coming month.

Plans have been completed by Appleton P. Clarke, Jr., architect, 605 F. St. N. W., for a three-story brick store to be erected at 1328 G St. Northwest, by Samuel and Anna R. Shoemaker.

WASHINGTON.—Bristol School for Young Ladies has had plans prepared for erection of large addition to school.

FLORIDA

JACKSONVILLE.—Delcher Bros. will erect five-story building on Riverside Ave. Plans being prepared.

David Bros. will at once erect two-story brick building on Main St. Plans prepared.

JACKSONVILLE.—Fifteen-story office building, costing approximately \$300,000, is to be erected at Corner of Laura and Forsyth

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Sts. J. G. Boyd, J. J. Heard and E. H. Tomlinson are interested.

Plans are being prepared by J. W. Hawkins, Architect, Realty Bldg., for a ten-story European hotel to be erected at Corner of Adams and Laura Sts.

ST. PETERSBURG.—Citizens have voted \$7,500 bonds for fire station, jail and police alarm system.

TAMPA.—Bonfoey & Elliott have prepared plans for erection of \$10,000 fire house.

GEORGIA

CRAWFORD.—Citizens will at once vote on \$5,000 bond issue for school improvements. J. A. Roland, Mayor.

GRANTVILLE.—Coweta County will vote on \$12,000 bonds for school improvements.

NEWBORN.—Newborn Improvement Co. is considering plans for building large boarding house and hotel.

ILLINOIS

CHICAGO.—Wm. L. Klewer, 109 Randolph St., has prepared plans for two-story brick and stone store and office building to be erected at Lincoln Ave. and Perry St. for Fred. Moeller.

CHICAGO.—McMillan Publishing Co. will erect four-story building at Prairie Ave. and Twenty-fifth St. H. R. Wilson & Co., 218 La Salle St., architects.

Victor F. Lawson will erect stable and garage building for the *Daily News* on Center Ave.

CHICAGO.—Three-story factory is to be built by G. G. Glaser, for Glaser, Kohn & Co., on West Twentieth St., at cost of \$150,000.

Board of Education will at once erect four three-story schools. Cost, \$160,000 each.

Marshall & Fox, 164 Dearborn St., have completed plans for two-story factory, to be built for Spaulding & Merrick, at Colorado and South Forty-fourth Aves., at a cost of \$225,000.

Schmidt, Garden & Martin, 172 Washington St., have finished plans for a four-story fireproof apartment building to be erected for Buckingham Chandler at 33 Bellevue Place, at a cost of \$200,000. The last-named architects have also finished plans for the four-story Nelson Morris Memorial Institute of Medical Research, for which excavation has already begun.

ELLWOOD CITY.—Reformed Church is considering erection of edifice.

PEORIA.—C. J. Off is considering erection of fifteen-story building on South Jefferson St.

INDIANA

FORT WAYNE.—Beyer Brothers Co. are planning construction of \$100,000 warehouse and cold storage plant to be erected just east of Swinney park.

INDIANAPOLIS.—Councilman Geo. L. Denny is urging erection of city garage.

JEFFERSONVILLE.—Emanuel Baptist Church is considering erection of edifice and Sunday school building.

JEFFERSONVILLE.—Port Fulton M. E. Church is planning to erect \$5,000 edifice.

St. Lucas German Reformed Church has purchased site for erection of \$20,000 edifice.

MISHAWAKA.—Bids will be received until 6 p. m., Sept. 19, for erection of proposed North Side hose house. All other bids rejected.

IOWA

BERWICK.—Bids will be received until 1 p. m., Sept. 27, for erection of school. Arthur Strain, secretary Board of Education.

BOUTON.—Bids will be received until Sept. 28 for erection of school. I. F. Gordon can be addressed.

CARROLL.—German Bank Directors are considering erection of \$30,000 bank building.

KANSAS

SALINA.—A company of local capitalists soon to be formed will build a \$65,000 business block for International Harvester Co. of America on North Santa Fe. H. H. Morrison, manager.

Salina Universal Paint and Varnish Co. will erect \$7,500 plant. R. A. Haddock and E. J. Larson are interested.

KENTUCKY

CATLETTSBURG.—Bids will be received by C. E. Silcott, Secretary Board of Education, until Sept. 20, for erection of any part or whole of high school building.

LOUISVILLE.—American Automobile Manufacturing Co. is having plans prepared for erection of \$200,000 factory.

Hospital Commission has recommended erection of modern building.

MAINE

OLD TOWN.—Moosehorn Paper Co. has had plans prepared for erection of tissue paper plant. Work will begin in fall. Hon. W. H. Waterhouse is interested.

MARYLAND

BALTIMORE.—Plans are being prepared for extensive improvements to Zion German Lutheran Church on Gay St. New rectory and hall will be built.

J. H. Nelson is having plans prepared for erection of \$6,000 residence on the Manokin River, Somerset County.

BALTIMORE.—Christopher Wattenscheidt is considering erection of large store building at Pratt and Smallwood Sts.

Architect Herbert C. Aiken, 213 N. Calvert St., has been commissioned to prepare plans for suburban home for Forest Park Co. to be erected at Liberty Heights and Berwyn Aves. Cost \$11,000.

BALTIMORE.—John T. Donahue will build 10 two-story brick dwellings on Eastern Ave. Cost about \$15,000. Mason R. Stone, Architect.

Herbert C. Aiken, 213 North Calvert St., has finished plans for two-and-one-half-story frame residence at Liberty Heights and Berwyn Aves. for Forest Park Co. Webb & White, Managers. Cost about \$9,000.

ELKTON.—Directors of Union Hospital have decided to erect \$7,000 annex.

MASSACHUSETTS

BOSTON.—Stanley Co. of Lawrence and Boston will erect factory at Loring Ave. and Clover St. Work will begin at once.

BOSTON.—Henry Segal will erect number of brick apartment houses at Mountfort and St. Mary's Sts., in the Back Bay.

NEW BEDFORD.—First Church of Christ, Scientist, is considering plans for erection of edifice at County and Mill Sts.

Elim Baptist Church is considering erection of parsonage.

NEW BEDFORD.—First Church of Christ, Scientist, is considering erection of edifice at County and Mill Sts.

SAUGUS.—Building Committee has been appointed by Cliftondale Lodge of Odd Fellows, to have charge of erecting new building in place of one destroyed by fire.

MICHIGAN

ADRIAN.—P. Dederich, 1307 Chamber of Commerce Bldg., Detroit, has been commissioned to prepare plans for building St. Joseph's Academy.

CADILLAC.—Perkins & Hamilton, 132 Clark St., Chicago, Ill., are preparing plans for addition and alterations to high school. Cost, \$75,000.

DETROIT.—Architects Burrowes & Wells, Trussed Concrete Bldg., have prepared plans for erection of number of buildings.

Architect C. F. J. Barnes, Tolsma Bldg., has designed three-story hotel at Twelfth and Kirby for Joseph Zinger.

St. Bernard's Parish, St. Claire Heights, will erect \$5,000 Sisters' home. Geo. F. Diehl, architect. Father Geo. Maurer, Pastor.

DETROIT.—Detroit Excelsior Works is considering erection of warehouse. T. Miller, 1636 Russell St., Manager.

HAMTRAMCK.—Albert Kahn and E. Wilby, 800 Trussed Concrete Bldg., Detroit, are preparing plans for two-story office building for Dodge Bros., 224-240 Monroe Ave.

MUSKEGON.—Vanderwest & Pease, Montgomery Bldg., are preparing plans for \$45,000 bank building for Hackley National Bank.

NILES.—South Bend & Southern Michigan Electric Railway Co. will erect \$20,000 depot and freight house.

MINNESOTA

AURORA.—Plans of Anthony Puck for proposed new school building have been accepted by School Board and advertisement for bids authorized.

DULUTH.—P. M. Olsen is preparing plans for erection of \$6,500 residence on Sixth St. for P. M. Grady.

DULUTH.—Board of Education will consider erection of school at Oneota.

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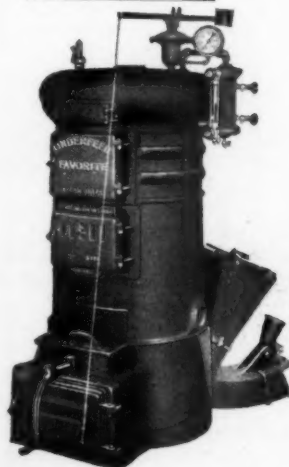
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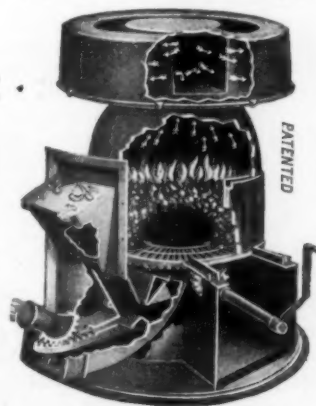
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DULUTH.—W. A. Hunt & Co., Lonsdale Bldg., are preparing plans for store and flat to be erected for Edward Strange at Lakeside.

MINNEAPOLIS.—The Loose-Wiles Biscuit Co. has had plans prepared for seven-story brick and concrete fireproof building at Seventh Ave. N. and Washington Ave.

ROCHESTER.—City is considering erection of \$100,000 public school.

ST. PAUL.—Plans have been completed by Architect Clarence Johnson for erection of proposed Wilder Building.

ST. PAUL.—Northwestern Insulation Co. will erect \$25,000 factory and boiler house at University and Raymond Aves. Buechner & Orth, Manhattan Bldg., Architects.

P. M. Bickford will erect on Goodrich Ave. \$6,000 duplex dwelling.

TWO HARBORS.—Architect S. G. German, German Exchange Bldg., Duluth, has plans for the improvements to Y. M. C. A. completed so that bids may be advertised for.

VIRGINIA.—Ellerbe, Round & Sullivan, Duluth, are preparing plans for residence to be erected for L. M. Osborne.

MISSISSIPPI

BELEN.—Bids will be received Oct. 2 for erection of \$34,000 court house from plans of Architect Chamberlain, of Birmingham, Ala. J. C. Denton, County Clerk.

NEBRASKA

OMAHA.—Board of Education has asked for \$750,000 to complete high school and erect additional grammar schools.

Health Commissioner R. W. Connell and Police Surgeon R. B. Harris are urging erection of police station hospital.

OMAHA.—V. S. Segerstrom Piano Co., Minneapolis, will erect large factory in this city.

NEW JERSEY

BAYONNE.—Architect Walter Hankin, Clinton Ave., Jersey City, has completed plans for Louis Haar, of 605 Tenth Ave., New York, for \$7,000 store and apartment building at 916 Broadway.

ELIZABETH.—Work will not be commenced on the large beef house to be erected by Nelson Morris & Co. at 1200 East Broad St. until next spring. Cost, \$165,000. Fred Ludeking, Local Manager.

Aloin Bohn has plans out for building of four-family house at South St. and Grier Ave.

ELIZABETH.—International Nickel Co., 43 Exchange Place, New York City, has purchased site near Cataret for erection of factory.

IRVINGTON.—Board of Education has adopted plans submitted by Architect Joseph B. Allen for proposed new school building to be erected on Madison Ave.

JERSEY CITY.—About \$12,000 will be expended by Terra Construction Co., of 733 Demott St., West Hoboken, in the erection of a six-family flat at 113 Nelson Ave. Building, which will be from plans by Architect Emil Guhl, 19 Charles St., will be of frame construction.

Plans have been completed by Architect George A. Flagg, Jersey City Trust Bldg., for erection of \$30,000 factory building on the corner of Bright and Colgate Sts. for Crandell Pettee Co., of 135 Hudson St.

Architect E. E. Quaife, 66 Harrison Ave., has completed plans for Robert Trommutter for erection of a two-family house on Monitor St. Cost, \$5,000.

JERSEY CITY.—Plans have been completed for the erection of \$30,000 factory building on corner of Bright and Colgate Sts. for Crandell Pettee Co., 135 Hudson St.

JERSEY CITY.—Plans have been completed and Architect George A. Flagg, Jersey City Trust Bldg., is now ready for estimates for \$18,000 factory which will be erected on Broadway, near West Side Ave., for Milherus & Kropff Co.

LAKEWOOD.—Wm. Higginson, 13 Park Row, New York City, is preparing plans for Y. M. C. A. building.

MERCHANTVILLE.—Architect J. C. Jefferies, Mutual Life Bldg., Philadelphia, has completed plans for three-story residence and two-story garage for A. W. Atkinson. Cost, \$20,000.

MONTCLAIR.—Donato Fusco will build \$17,000 four-story brick store and dwelling on Pine St., Montclair, after plans by Rizzolo & Gonnelli, 800 Broad St., Newark.

NEWARK.—Cohen & Bessman have prepared plans for a three-story frame and stucco dwelling to be erected at corner of Rose St. and Stratford Place for Wolf Werbelovsky. Cost \$11,000.

Abraham Glassner will erect \$10,000 three-story frame dwelling at Thirteenth St. and Sixteenth Ave. Hyman Rosensohn, 745 Broad St., architect.

NEWARK.—Hyman Rosensohn, 745 Broad St., has prepared plans for three three-family dwellings to be erected by A. Levy at 221 to 225 Marion Place. Cost, \$6,000.

NEWARK.—John H. & Wilson C. Ely, 800 Broad St., have drawn up plans for \$6,000 house at Lackawanna Park for M. S. Sherwood, superintendent of the Summit branch of the Public Service Corporation, and also plans for \$5,000 house to be erected by P. S. Brower, of West Summit. Work will begin at once.

ORANGE.—Norwegian Evangelical Free Church will at once erect \$6,000 edifice on Cleveland St. E. H. Lyall, Newark, architect.

PERTH AMBOY.—Fire Commissioners have purchased site on Lynde St. for erection of fire house for Liberty Hook & Ladder Co.

PITMAN.—Isaac Kattler will erect \$14,000 store.

Plans have been completed for enlargement of house of Pitman Fire Co. No. 1.

TRENTON.—Plans have been completed for erection of nine-story building for Belle-Mead Sweets Co. W. W. Slack, architect.

Abram Swan, Sr., has completed plans for erection of \$10,000 addition to plant of McFarland Foundry and Machine Co.

TRENTON.—Leo Eisner will at once erect modern office and residence on Broad St. near Dye St.

UNION HILL.—Town Council is considering erection of school.

WEHAWKEN.—Plans are being prepared by Architect D. R. Collin, of 335 Madison Ave., New York City, for New York Central Railroad Co., for the erection of \$30,000 car shop. Bids will be taken about Sept. 15.

WESTFIELD.—Citizens will vote Sept. 29 on \$65,000 bonds to erect addition to Washington School.

NEW MEXICO

LAS CRUCES.—A. Farah, Albuquerque, is considering erection of modern store building on Main St.

NEW YORK

ALBANY.—Bids will soon be advertised for erection of station house for the Third Precinct. Plans prepared by Architect W. F. Van Guysling.

BAY SIDE, L. I.—Architect Oliver Randolph Parry, 1723 Chestnut St., Philadelphia, is preparing plans for reinforced concrete residence for Joseph Brennan.

BATH.—Board of Trustees of State Soldiers' and Sailors' Home will ask Legislature to appropriate \$80,000 for erection of home for citizen employees of the institution.

BROOKLYN.—Plans for new Bushwick High School, at Putnam and Irving Aves., are in course of preparation. Sketch plans have been approved by Dr. Rollins, the Principal.

NEW YORK.—J. H. Poor, 33 Thomas St., will erect \$50,000 dwelling at 33 E. Sixty-ninth St. Howells & Stokes, 100 William St., Architects.

Eight-Ninth-Ninetieth Co., 343 W. Seventy-second St., will erect \$1,000,000 twelve-story brick apartment house on Broadway. G. & E. Blum, 505 Fifth Ave., Architects.

Mitra Realty Co., 132 Nassau St., will erect \$40,000 brick Turkish bath on 115th St. Gronenberg & Leuchtag, 7 W. Twenty-second St., Architects.

Hargood Realty Co., 160 Broadway, will erect two six-story brick apartment houses on Fort Washington Ave. Cost, \$350,000. Schwartz & Gross, 347 Fifth Ave., Architects.

NEW YORK.—Herbert M. Hockeimer will at once erect \$200,000 theater on East Tremont Ave., Bronx. Plans prepared.

Coleman Construction Co., Aaron Coleman, president, will erect three-story office building at 360 Seventh Ave.

NEW YORK.—I. Lippman, 66 Lafayette St., will erect two eight-story lofts on Centre St. Cost, \$660,000. Schwartz & Gross, 2347 Fifth Ave., Architects.

John Bradley, 73 W. 181st St., will erect two frame dwellings, cost \$15,000, on 181st St. F. X. Ronseau, 1133 Broadway, Architect.

John Boyland Co. will erect five-story brick flats on Prospect Ave.; cost, \$40,000. John P. Boyland, 103 E. 125th St., Architect. Same company and architect will erect two five-story flats, cost \$155,000, on Marion Ave.

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NEW YORK.—Lion Brewery, 107th St. and Columbus Ave., will erect \$50,000 bottling house on 107th St. J. Kastner & Dell, 1133 Broadway, Architects.

OYSTER BAY, L. I.—Citizens have voted to erect \$55,000 school.

ROME.—Rome Home Telephone Co. will erect building. Site not yet selected.

J. W. Gerwig will erect residence on William St.

SCHENECTADY.—William Mischler will erect residence on Morris Ave.

SCHENECTADY.—Bids will soon be asked for erection of proposed \$150,000 high school annex. Plans by Architect L. Rodman Nichols.

SCHENECTADY.—Cant-u-quo Tribe 361, Improved Order of Red Men, has purchased site at 718 State St. and will erect building.

SYRACUSE.—Board of Education has approved plans for additions to William McKinley and Washington Irving School buildings. Proposals for doing the work will be advertised for.

SYRACUSE.—Martin W. Burke will erect residence on Ackerman Ave. Plans being prepared.

Dr. J. E. Salisbury, Cazenovia, will erect country residence on East Genesee St.

Architect A. E. Westover, Keith Theatre Bldg., Philadelphia, is designing \$300,000 theatre and office building for B. F. Keith.

SYRACUSE.—Architect James D. Meehan, Hendricks Bldg., has prepared plans for a two-family house to be erected at 116 Manila St. for Antonio Fuoco.

Arion Society is considering erection of home. Otto Sweighert, President.

WATERVLIET.—Council has sold bonds for erection of high school.

NORTH CAROLINA

GREENSBORO.—W. C. Jackson, Secretary Board of Education, will receive plans and specifications until Sept. 15 for erection of proposed \$25,000 Central City school building.

OHIO

CINCINNATI.—S. D. Cooper will erect three residences on Woodburn Ave., Evanston, at cost of \$15,000.

CINCINNATI.—The B. G. Buescher Estate will erect \$5,000 residence on Academy Ave.

Plans are being completed for erection of proposed county jail on Main St.

CINCINNATI.—Gustave Drach, architect, Union Trust Bldg., is making plans for proposed new hotel which a company is projecting for present site of the Gibson House.

COLUMBUS.—Architect J. A. Jones, Despatch Annex, is drawing plans for a nine-room stucco house to be erected on Sixteenth Ave. for S. I. Bolin. Plans will be ready shortly.

COLUMBUS.—L. L. Rankin will erect bank building on W. Gay St. J. S. Goldsmith, Architect.

COLUMBUS.—Architects Howell & Thomas, Colonial Savings & Trust Bldg., will have plans prepared for the new Grandview Congregational church.

Architect H. C. Jones, Desher Block, has prepared plans for erection of number of buildings.

DAYTON.—Jewish Charity Federation is considering erection of settlement house.

DAYTON.—Supervising Architect J. Knox Taylor, Treasury Department, Washington, D. C., has prepared plans for erection of temporary post office building.

DEFIANCE.—Defiance Creamery will erect large creamery and cold storage plant.

EAST YOUNGSTOWN.—Bids will be received Oct. 1 by Village Council for erecting brick, stone and frame city building. R. F. Thompson, Youngstown, architect.

SPRINGFIELD.—Mrs. J. E. Powers will erect business block on South Wittenberg Ave.

WASHINGTON COURT HOUSE.—Knights of the Golden Eagle are considering erection of home.

OKLAHOMA

DURANT.—County will vote Nov. 8 on \$160,000 bonds to erect court house and jail.

OREGON

FALLS CITY.—Architect J. R. Ford, Eugene, is preparing plans for erection of residence for A. F. Coulter.

HOOD RIVER.—The Hood River Apple Fair Association, re-

cently incorporated, has raised over \$10,000 for construction of an exhibition building. G. R. Castner, President.

MEDFORD.—Y. M. C. A. Bldg. will be erected at once.

PORTLAND.—C. L. Doherty is planning to erect \$7,000 residence at corner of E. Thirty-second and Tibbetts Sts.

Ukase Investment Co. has had plans prepared for erection of \$7,000 business block to be erected at E. Eighty-first and E. Stark Sts., Montavilla.

Multnomah Club has adopted plans by Whitehouse & Fouilhoux for new clubhouse.

PENNSYLVANIA

BRADFORD.—Site has been purchased for erection of addition to high school.

CARBONDALE.—Bids have been rejected for erection of proposed post office and new bids will be received. Jas. Knox Taylor, Supervising Architect, Washington, D. C.

CHAMBERSBURG.—New bids will be received in near future for erection of post office. Jas. Knox Taylor, Washington, D. C., Supervising Architect, Treasury Department.

CHESTER.—Plans and specifications are being prepared by Price & McLanahan, 1624 Walnut St., Philadelphia, for the erection of twenty two-and-a-half-story houses in Rose Valley.

CONNELLSVILLE.—Western Maryland and Pittsburg & Lake Erie Railroads are considering erection of joint passenger station.

GREENSBURG.—Architect Paul A. Bartholomew, Coulter Bldg., is preparing plans for a residence on Underwood Ave. to cost \$8,000.

LATROBE.—Bids are being received for erection of two residences on Weldon St. costing \$7,500 and \$11,000. Paul A. Bartholomew, Coulter Bldg., Greensburg, architect.

PHILADELPHIA.—Architects Snyder & Bassett are designing three \$10,000 residences at Eleventh St. and Sixty-sixth Ave. for the Oak Lane Park Co.

Board of Education plans to expend \$3,000,000 on new schools.

PHILADELPHIA.—City has purchased site at Eighty-eighth St. and Tinicum Ave. for erection of school.

Plans have been prepared by Architect George Lovatt, 418 Walnut St., for erection of temporary chapel building.

Architect Horace Trumbauer, Land Title Bldg., has completed plans for addition to Anthony M. Zane's residence at Broad and Wyoming Sts.

Architect Oliver Randolph Parry, 1723 Chestnut St., has completed plans for a garage of concrete for Paul Langner at Folson.

PHILADELPHIA.—Seymour Davis and Paul A. Davis, 3d, 1600 Chestnut St., are planning two-story stone high school, to contain sixteen rooms, to be built in Swarthmore.

McIlvain & Roberts, Land Title Bldg., are designing a \$12,000 residence at Ardmore for Hulton Kennedy.

Architects B. J. Medoff & Sons, 518 Spruce St., are preparing plans for a four-story store building, at No. 721 Sansom St., for Atlas & Lister.

The Highland Ave. Improvement Co., has had plans prepared by Architect Frank Seeberger for two three-story residences at Merion. Cost \$15,000 each.

C. E. Rahn, 410 Walnut St., is preparing plans for two one-story stores, at Germantown and Mt. Airy Aves., for John J. Green.

PHILADELPHIA.—Alpha Baptist congregation will erect \$10,000 edifice at Howard and York Sts.

Architects Anderson & Haupt are preparing plans for three stores and one dwelling at Kensington Ave. and Potter St. for Benjamin Dintenfuss.

E. J. Kreitzburg will erect three-story store building, with a wing, at 140-42 N. Thirteenth St., at a cost of \$11,700. Plans are by Architect Charles E. Oelschlager, Harrison Bldg.

Architects Hewitt & Paiste, Bullitt Bldg., have prepared plans for erection of large garage at 1401 Locust St. for Geo. C. Boldt.

Bids will be received until Sept. 20 for erection of neighborhood building at Fifth and Lombard Sts. for Playgrounds Committee. P. H. Johnson, Land Title Bldg., Architect.

PITTSBURG.—Plans are being prepared by Architects Dean & Stophlet, 331 Fourth Ave., for a brick and stone warehouse and storage building to be erected on Southside for Ernest F. Rusch at cost of \$100,000.



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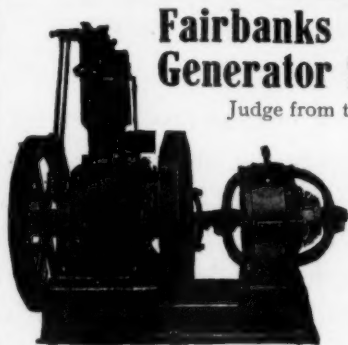
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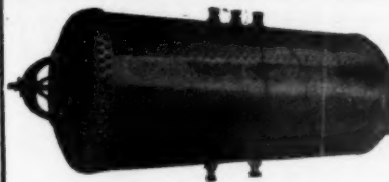
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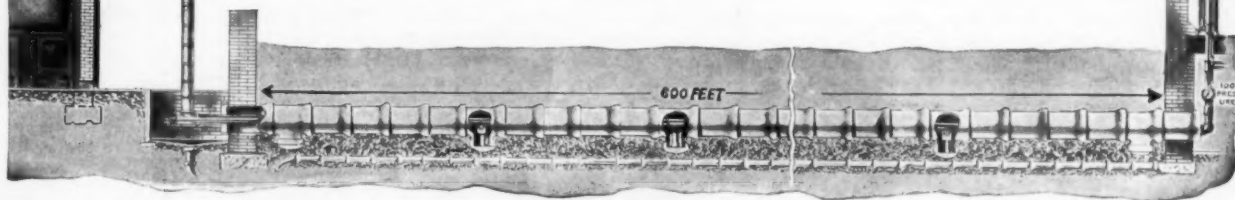
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The Italo-French Produce Company will have a \$20,000 building put up for the company's use on Dawson St., Northside, from plans made by Architects Mentel & Clark, who are receiving bids on the work.

Jos. A. Kelly, of the Kelly-Jones Co., is having plans prepared for erection of Colonial residence at Parish Lane and Holywood Road.

PITTSBURGH.—Architect John J. Feeney, Scranton, is preparing plans and specifications for \$10,000 new school building to be erected in Jenkins Township.

READING.—Local Eagles will erect \$20,000 addition to home.

RHODE ISLAND

PAWTUCKET.—Seekonk Lace Co. is planning to erect large extension to plant, together with twelve cottages and eight double tenements.

SOUTH DAKOTA

ABERDEEN.—Erection of Y. M. C. A. Bldg. is being considered.

WATERTOWN.—Erection of armory for Company F is being considered.

TENNESSEE

CHATTANOOGA.—The Acme Box Co. is preparing to erect \$50,000 box manufacturing plant in South Chattanooga.

TEXAS

DENISON.—M. O. & G. Road will at once erect concrete brick and steel freight depot on Main St.

DEL RIO.—Elks Lodge No. 837 is considering erection of three-story home. Site purchased.

HOUSTON.—Plans for \$5,000 two-story residence for Judge Thomas H. Kennedy have been completed by Architect R. D. Steele and construction work will begin shortly.

Texas Company will consider erection of office building. Judge R. E. Brooks, treasurer.

PALESTINE.—Tennessee Colony has voted bonds for erection of school.

SAN ANTONIO.—Superintendent J. R. Nichols, of the Southwestern Insane Asylum, is urging Governor Campbell to submit legislation for male hospital, to cost approximately \$45,000, and for screened galleries for four new buildings, to cost about \$8,000.

SAN ANTONIO.—Household Furniture Co. is considering plans for rebuilding warehouse. Other burned properties owned by A. W. Lyons, Gus Graebner and R. M. Hughes & Co. are to be reconstructed.

SAN MARCOS.—Farmers' Union will erect large brick and concrete plant.

TAYLOR.—Louis Fries, San Antonio, will at once erect brick building and storehouse in this city.

TEXARKANA.—Board of Trade is interested in proposed immediate erection of furniture factory.

VERNON.—Farmers' State Bank will erect \$10,000 building at once. Dr. H. H. Rhoads is interested.

WEATHERFORD.—City is preparing to erect modern \$20,000 hotel. Plans being prepared. Mayor Joel W. Hicks is interested.

YORKTOWN.—Bids will be received until 8 P. M., Sept. 27, for erection of school. H. T. Phelps, 303½ W. Commerce St., San Antonio, architect. L. Hahn, President, School District.

VIRGINIA

RICHMOND.—Carneal & Johnson have prepared plans for erection of \$11,000 brick engine house at Tenth and Bainbridge Sts.

SUFFOLK.—Main St. Methodist Church will erect new edifice. Site purchased.

WASHINGTON

COLVILLE.—Plans are being revised for erection of proposed high school. Cost, \$25,000.

SEATTLE.—Berlin Machine Works, Fourth St., Beloit, Wis., will erect plant in this city next year.

SIATILE.—Contract for city residence for Francis H. Brownell has been recently let to Niel McDonald; garage and grounds to Harrison Faft. Carl F. Gould, 620 Colman Bldg., architect for house and grounds; total cost \$27,000; location Harvard Ave. North.

SPANGLE.—Northern Pacific Railroad will erect large warehouse, store and blacksmith shop in this town.

SPOKANE.—N. C. Kreyssler is considering erection of residence at Crescent St. and Hamlin Ave.

Three-story brick building, lower part of which will be constructed for garage, is to be erected on Fourth Ave. for Clarence G. Hubbard.

SPOKANE.—H. C. Schuel will at once erect \$10,000 store building on Third Ave.

SPOKANE.—G. Sundling will erect \$5,000 residence on Thirteenth Ave., Cliff Park.

F. C. Laird, Columbia Bldg., will erect residence at 849 Cliff Ave.

Edw. McGougan is having plans prepared by the Ballard Plannery for erection of \$30,000 brick building at 123 Front Ave.

L. R. Cook will erect residence on Post St., Clifton Highlands.

SPOKANE.—East Central Improvement Club is urging erection of fire house at Mission Ave. and Regal St.

WISCONSIN

APPLETON.—Jewish congregation of Moses Montefiore has purchased site at Morrison and Summer Sts. and will build a synagogue this fall.

BELOIT.—Berlin Machine Works, Fourth St., is about to build a new office building, steel fireproof construction and three stories. Cost will be about \$60,000.

GREEN BAY.—Erection of large ward school is being considered. G. A. Walter, chairman Finance Committee.

MADISON.—Bids will be received until 2.30 p. m., Sept. 26, for erection of Horticultural Building. M. E. McCaffrey, secretary University of Wisconsin.

MILWAUKEE.—City will provide the Government with site for new life-saving station.

RACINE.—Ernst Klinkert has had plans prepared for erection of \$15,000 opera house on Upper Washington Ave.

SUPERIOR.—Geo. G. Newton Co. will at once erect two-story building at 1119 Tower Ave.

TOMAHAWK.—Annex, cost \$5,000, will be built to Sacred Heart Hospital.

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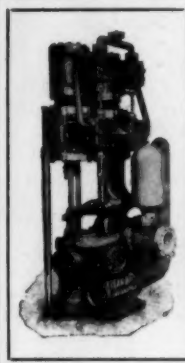
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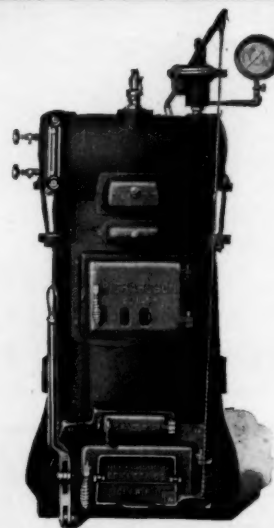
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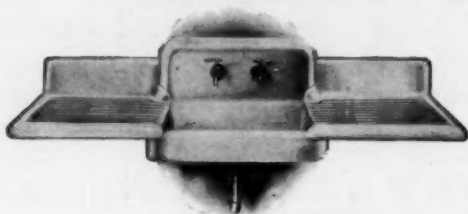
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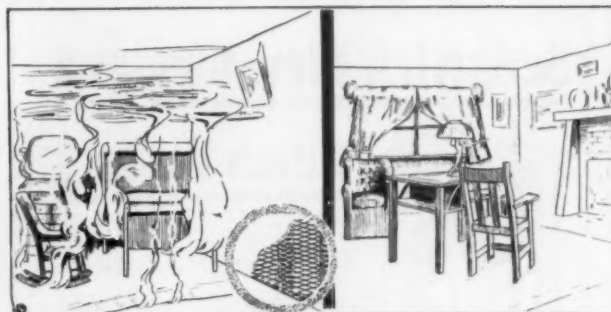
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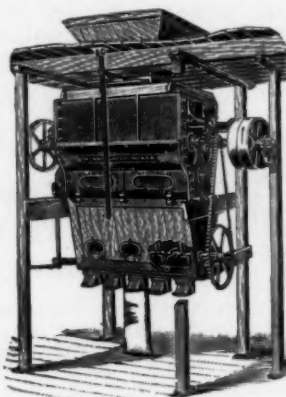
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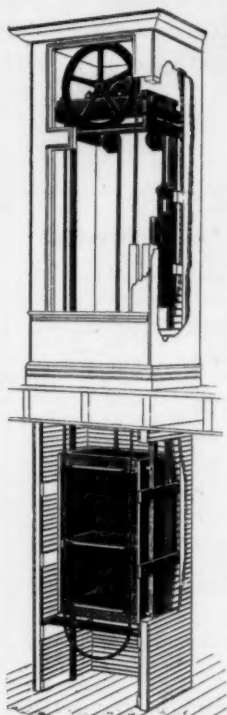
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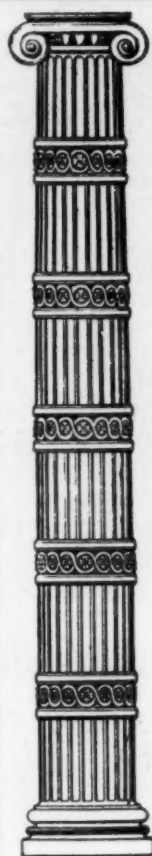
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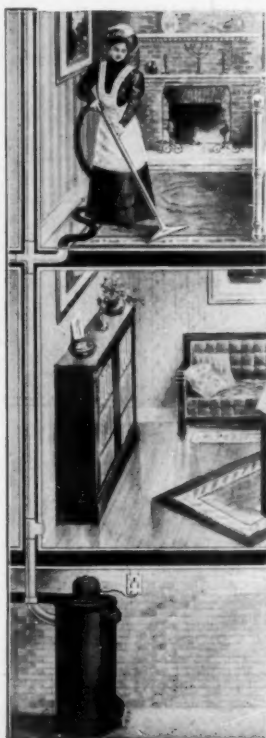
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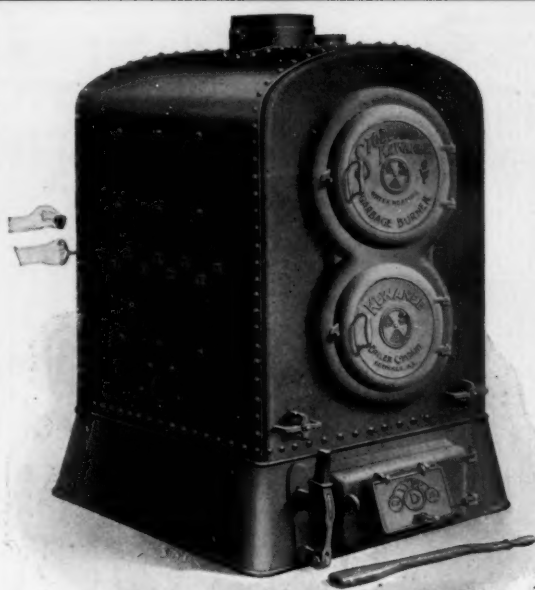
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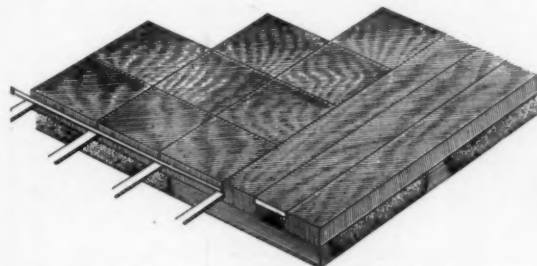
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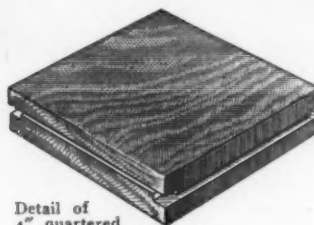
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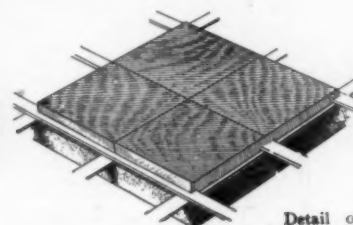
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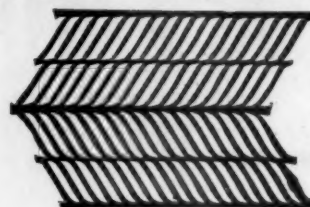
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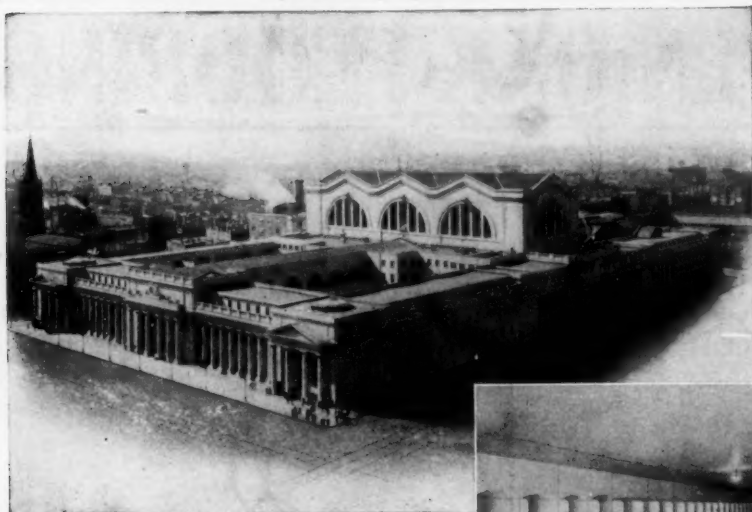
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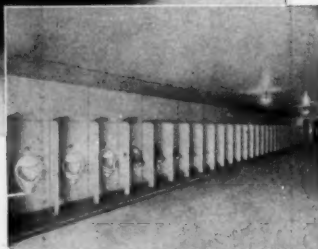
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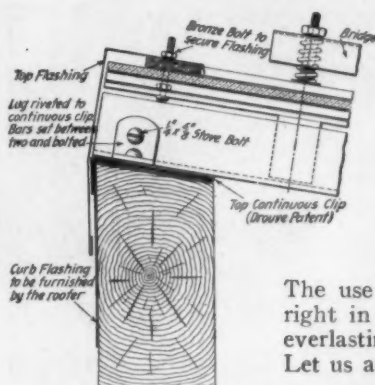


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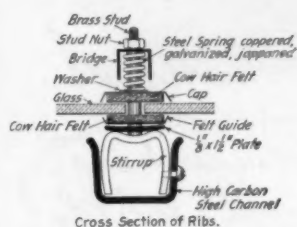
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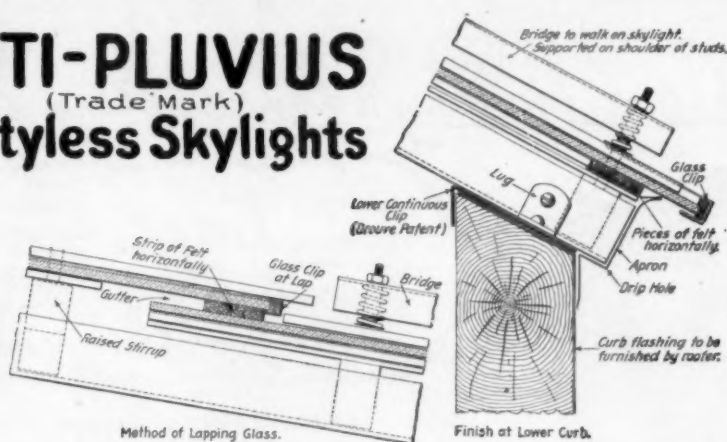
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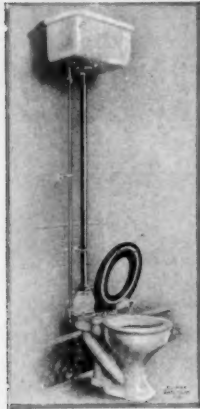
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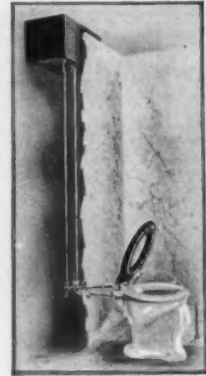
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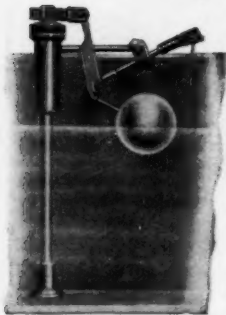
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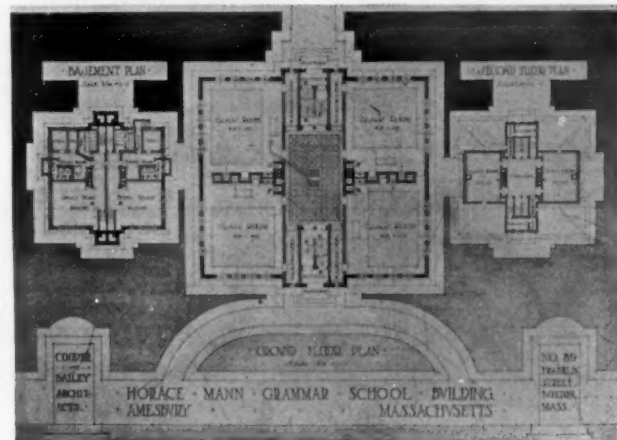
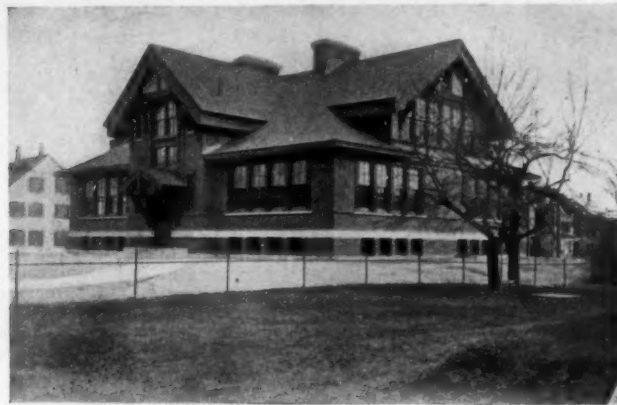
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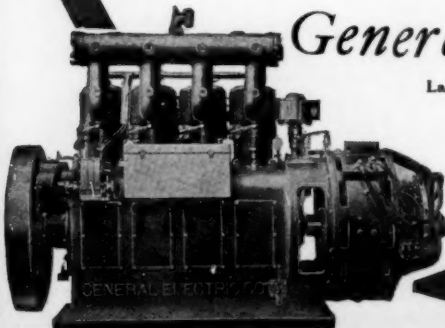
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- 2 July 7, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted a restraining order against the Pope Automatic Merchandising Co., and Clarence R. Pope, forbidding the manufacture and sale of the "Pope Electric Cleaner."
- 3 July 15, 1910: U. S. District Judge Carpenter, sitting in Chicago, after a full day's hearing, denied the motion of the Pope Automatic Merchandising Co., and Clarence R. Pope, to vacate Judge Kohlsaat's restraining order.
- 4 July 20, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, after a full hearing, granted the injunction asked against the Pope Automatic Merchandising Co., and Clarence R. Pope, manufacturers of the "Pope Electric Cleaner."
- 5 July 22, 1910: U. S. District Judge Morris, sitting in Duluth, granted a restraining order against the St. Paul Electric Co., and B. B. Downs, forbidding the manufacture and sale of the "Downs Electric Cleaner."
- 6 July 26, 1910: U. S. District Judge Amidon, sitting in Minneapolis, after a full hearing, granted the injunction asked against the St. Paul Electric Co., and B. B. Downs, manufacturers of the "Downs Electric Cleaner."
- 7 August 3, 1910: U. S. District Judge Denison, sitting in Grand Rapids, granted a restraining order against the Menominee Electric Co., forbidding the manufacture of Suction Cleaners in imitation of the RICHMOND Suction Cleaner.
- 8 August 16, 1910: U. S. District Judge Sanborn, sitting in Chicago, granted a decree against Streeter Brothers, users of a plant installed by a California company, enjoining the use of that plant because it infringes the Matchette Patent on Automatic Vacuum Control, now owned by the McCrum-Howell Co.
- 9 August 18, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted the Pope Automatic Merchandising Co., and Clarence R. Pope, permission to dispose of 1000 cleaners on hand *only on condition that a \$20,000 bond be given to protect The McCrum-Howell Co., and that each machine be plainly marked, "Not the Richmond Suction Cleaner manufactured by the McCrum-Howell Co."*

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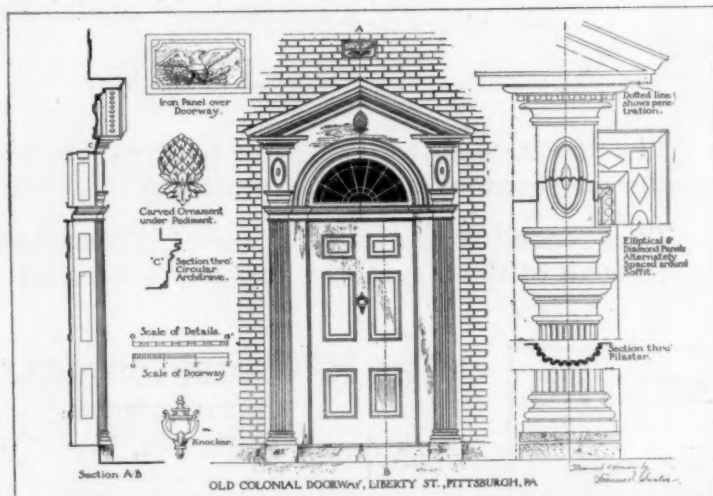
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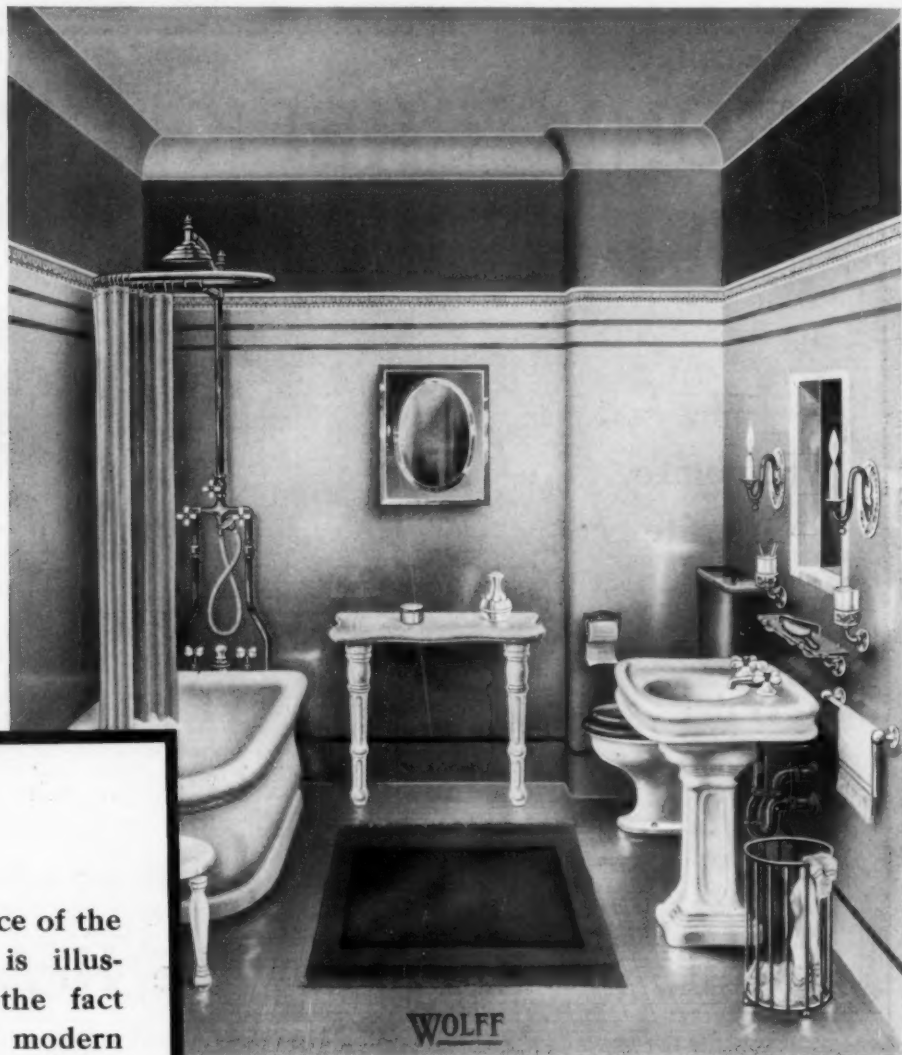
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MECHANICAL REFRIGERATION—I

Heretofore the interest in mechanical refrigeration among architects has been largely confined to those whose practise has been along strictly utilitarian lines, while the profession at large has classed it as quite outside its legitimate province. There is reason to believe that, in the near future, a great many architects will find it as profitable to be up in the important questions of the science of refrigeration as in those of heating and ventilation. An additional reason why such information should be of professional interest is the invasion by architects of superior equipment of the field in designing utilitarian buildings. Owners, it appears, are becoming convinced that it pays them to employ architects of high attainment in preference to contractors and builders whose position does not enable them to produce, unaided, the most desirable technical results, and so effectively to guard the owners' interests.

Refrigeration is the process by which the temperature of a body is reduced or maintained below that of the outside atmosphere. This is accomplished by absorbing heat from the space to be refrigerated, thus producing cold. In order to maintain the lowered temperature it is, of course, necessary to insulate the refrigerated space from the higher temperature of outside atmosphere. The most effective way of accomplishing this insulation is, of course, of the utmost value for the architect in designing a building in which merchandise is to be preserved in cold storage or in which ice is to be manufactured. A more recent application of refrigeration is the cooling of rooms in summer in conjunction with the ventilating system by means of a special fan which moves the refrigerated air through ducts to the places at which it is wanted. The large Board Room of the New York Stock Exchange is in this way cooled in summer to an average of about 10° F. below the outside temperature. A similar system, of simplified mechanism and smaller capacity, cools the refrigerators in some of our most completely appointed apartment houses and thereby does away with the necessity of handling ice, besides being more effective in that a more uniform temperature is maintained and the perishable goods are, in consequence, more effectually preserved over a longer period of time.

Whether refrigeration will be generally applied for moderating the temperature of rooms in summer cannot, at present, be foretold. It is understood that certain sanitary objections have been made in the case of the New York Stock Exchange Board Room, but when the causes are definitely determined of these objections a suitable way may be found of removing them. The question of cost would then also largely influence the extent of the application for cooling the air while its general adoption for the house refrigerating plant of small capacity seems reasonably to be expected, since it makes for convenience and high efficiency by displacing a system which is troublesome and less efficient. The slightly lower expense at present is alone in favor of the icebox, but this advantage may be removed as the demand increases for artificial cooling and further simplification and standardization of parts of the plant follows.

There are four methods of producing cold or extracting the heat from a body, viz.:

1. By transferring heat from warmer to cooler bodies (the Brine System).
2. By Chemical Action of so-called freezing mixtures (Salt and Ice System).
3. By the adiabatic expansion of gases, that is, changing their volume without gain or loss of heat of vaporization (Air Compressor Systems).
4. By absorption of heat when a solid is turned into a liquid or a liquid into a gas.

The last of these is that generally used in commercial refrigeration.

Sufficient pressure and a low enough temperature will liquefy any gas.

Gas or vapor compressed produces heat.

A liquid of a low boiling point allowed to pass into a space of lower pressure expands and becomes volatile if the space contains as much heat as was necessary to produce the liquid by compression and, conversely, a gas will return to a liquid state if its temperature is not above a certain point, termed its critical temperature. The pressure required to effect liquefaction at the critical temperature is the critical pressure.

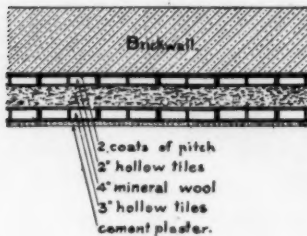
The two gases most commonly used for refrigeration, on account of their low boiling points, high latent heat of vaporization and non-corrosive properties in iron and steel, are anhydrous ammonia (NH_3) and carbon dioxide (CO_2) in the smaller and private installations.

A mechanical refrigerating plant consists of two main parts, the liquefying plant and the heat absorbing or refrigerating apparatus. Liquefaction is effected in one of two ways, by the compression system or by the absorption system. In both systems the cycle of operation is continuous, the same gas or liquid being used over and over. The compression system requires special machinery in the shape of engine or motor connected to a compressor to liquefy the gas and has been largely displaced by the more economical absorption system, which requires no machinery except pumps to circulate the brine and to complete the cycle of the liquefying process, utilizes waste steam and may, consequently, be placed in any part of a building without necessitating special provision for unusual loads and vibrations. The compression system finds its use, however, where waste steam is not available and space in a basement or cellar, or better, in an independent building, is readily available. In such cases the compressing power may be derived either from a steam or gasoline engine or from a motor. While the danger from explosion of the refrigerant gases cannot, by any means, be regarded as a negligible hazard by the fire insurance companies, the automatic controlling expansion valves provided in both systems materially reduce such dangers which are generally caused by a sudden change of pressure in the generator or by a sudden change in the outside temperature. For the purposes of the architect it is hardly necessary to go into a detailed description of the cycles of operation in the compression and absorption systems of liquefying the refrigerant gas.

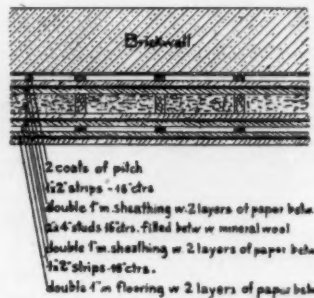
The heat-absorbing or refrigerating part of the plant consists merely of the coils in which the expanding liquefied gas absorbs, through the iron pipes, the heat of

the room and its contents or of a saline solution which is pumped to the places where required. These coils may be placed either directly in the room in a brine tank or at a fan. In computing the operating cost of a refrigerating plant it may be useful for the architect to know that it requires from one and a half to three horsepower per ton of refrigerating capacity, depending on the size of the plant, the large units using slow-speed steam engines

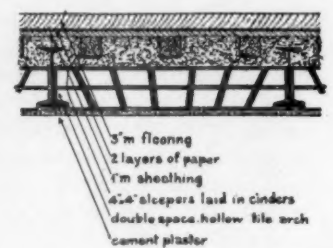
weight given) being stated for a given continuous running time per day. If the plant be a large one it is well to have the compressors in separately controlled sections, any one of which being idle the remaining units will be able to operate the plant to full capacity, while economy may be effected when the full capacity is not required by allowing as many of the units to remain idle as desired.



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WOODEN INSULATION FOR BRICK
WALL



INSULATION OF CEILINGS FOR FIRE-
PROOF BUILDINGS

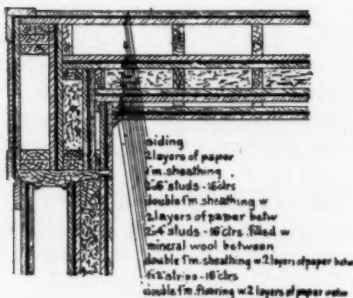
having the higher efficiency. In plants where crystal ice is to be manufactured in cans for general consumption distilled water free from air must be used, and this requires special machinery, such as condensers, skimmers, reboilers and filters, but these are, of course, entirely independent of the refrigerating plant. It is essential that all refrigerating machinery be of the best materials and of workmanship enabling it to stand successfully the high compressive and tensile stresses to which certain parts of the plant are constantly subjected.

SPECIFICATION REMINDERS FOR REFRIGERATION

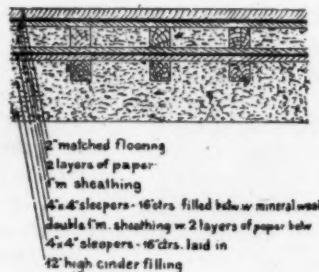
In specifying the machinery for a compression system, details and arrangement of plant are best left to the specialist, who should state the system employed and what is being provided, all to be covered by suitable

Some of the most important points to be looked for by the architect in a specification for a refrigerating plant are summarized below:

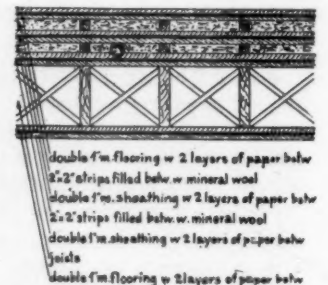
1. The proper insulation of walls, floors, ceilings, doors and plug doors for inspection and defrosting, with charcoal, granulated cork (6 lbs. per cubic feet) or slag wood (14 to 15 lbs. per cubic feet) as shown in the illustrations accompanying this article.
2. Construction of air ducts of suitable size fitted with regulating slides where required.
3. Air cooling chamber floor to be lined with lead flashed up round sides, with zinc on all parts adjacent to coils, properly pitched and drained by U bend to prevent ingress of air.
4. The amount of weight per foot and internal diameter of piping in cold rooms should be stated or the size of fan, if air cooling system is used.
5. If there are several cooling rooms



INSULATION OF WOODEN WALLS



INSULATION OF GROUND FLOOR



INSULATION OF CEILINGS FOR
WOODEN CONSTRUCTION

guarantee, including the capacity of the machine in terms of the work to be done in the cold storage rooms. Plans and sections showing the rooms available should be given the bidders so that the cubical contents to be dealt with by the machine may be known, the temperatures to be maintained in the rooms and their contents (the character of which should be mentioned and their

pipe system independently controllable from engine room should be specified for each one. 6. All pipe work should be painted with two coats of bitumastic paint and where exposed to atmospheric pressure properly covered with an insulating material, joints being of male and female spigoted flanges and proper jointing material.

NOTE: In all cases the insulating material may be charcoal, cork in slabs or granulated, or mineral wool (silicate wool).

The Grand Prix de Rome

This competition has resulted in the award of the first Grand Prix to M. Janin, pupil of M. Laloux; first second prize to M. Debat-Ponsan, also a pupil of M. Laloux, and the second second prize to M. Castel, a pupil of M. Bernier. The subject was "A Sanatorium on the Coast of the Mediterranean." The programme called for a group of buildings intended for the use of discharged or disabled soldiers, and included a monument, a museum, a residence for the governor of the sanatorium, a barracks for common soldiers, a house for the governor of the barracks, a casino, a club for forty officers, houses for twenty married officers, and houses for ten unmarried officers and necessary outbuildings. The buildings were supposed to be erected upon a hill, the slope of which was given.—*The Builder*.

Government Specifications for Plumbing Fixtures

There has been recently issued from the Government Printing Office at Washington specifications for plumbing fixtures, etc., prepared by the Board of Uniform Plumbing Specifications for the Treasury, War and Navy departments.

Compliance with these specifications is necessary in every case where proposals for government work are made to the departments indicated.

Copies may be procured by application.

SOCIETIES

Exhibition by the Rochester Art Club

The Rochester Art Club are now making the preliminary arrangements for a second municipal exhibition to be held this fall. The successful termination of its first exhibition and the very gratifying results have decided the club to hold another in order that interest may be sustained and the various subjects further extended.

The Art Club is also preparing for its twenty-seventh annual exhibition of fine arts to be held next spring.

Portland (Me.) Society of Arts to Have New Home

Local papers state that the Portland Society of Arts will soon move to its new home in the Sweat Memorial Building. This building was designed by Mr. Jno. Calvin Stevens, architect.

Oakland (Cal.) Architects Organize

The Oakland Architects' Association was organized on August 24. The following officers were elected: Louis J. Stone, president; J. C. Newsom, vice-president, and W. J. Wright, secretary.

Chicago Architectural Sketch Club Plans a Reunion

The Chicago Architectural Sketch Club, organized at the time of the World's Fair in that city, is arranging for a reunion of its members to take place in February, 1911.

As the membership is now widely scattered and their exact whereabouts not known to the committee in charge of the reunion, we have been asked to request members to communicate with the Secretary, C. H. B. Schaefer, 2919 Flournay street, or Room 24, 70 LaSalle street, Chicago.

INDUSTRIAL

The Mechanigraph — A Machine that Makes Opaque Drawings Transparent for Blue Printing

Messrs. Topping Bros., 124 Chambers Street, New York, have perfected a machine which they call The Mechanigraph, which they claim will in a single instant make transparent and printable an opaque pencil or pen drawing. The drawings to be treated are passed between rolls which carry them through a bath containing a transparent liquid.

It is claimed that this process makes any piece of white paper, no matter how heavy or opaque, transparent enough to blue-print through quickly.

A further claim for the Mechanigraph is that it will restore old and water-spotted tracings to their original freshness.

The various advantages of the Mechanigraph are illustrated and described in an illustrated pamphlet which may be had by addressing Topping Bros., 124 Chambers Street, New York.

Modern Lighting Fixtures

We have received from the Pettingill-Andrews Co., makers of Lighting Fixtures, Boston, Mass., a splendidly prepared catalogue of more than one hundred pages, size 12 x 16, bound in stiff boards, with leather back and gilt title. This book presents many types of electric and combination gas and electric fixtures as applied to Colonial, English and French styles, together with approved designs for all classes of commercial buildings.

Each section has as a frontispiece a well-executed pen and ink sketch of a typical interior, and these are followed by many large-sized illustrations of the best styles of fixtures.

We believe the book would be a valuable assistant to the architect in selecting and specifying electric and combination gas and electric fixtures. This is No. 5, Fixture Catalogue. Address the Pettingill-Andrews Co., Boston, Mass.

Concrete Pile Construction

We have received from the Raymond Concrete Pile Co., of New York and Chicago, a pamphlet of 160 pages, 6 x 9 inches, entitled Concrete Pile Construction. It is a history of the origin and development of the concrete pile, and has been carefully prepared and illustrated.

Every feature of the use of concrete piling in construction work is carefully described. The book contains so much information that is valuable, we believe it will be to the interest of architects to obtain a copy—it may be had on request—for his reference library.

BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—Fire Committee, Alderman Copeland, chairman, has recommended erection of fire station in Eleventh Ward.

BIRMINGHAM.—Dr. John L. Parker, president Board of Education, has recommended erection of two more high schools.

TROY.—Bids will be received until Oct. 24 for erection of post office. Jas. K. Taylor, Washington, D. C., Supervising Architect Treasury Department.

ARIZONA

PHOENIX.—Perry Sears will erect residence on North Center St.

TUCSON.—Architect G. Lourden, Douglas Bldg., Los Angeles, has prepared plans for two-story \$60,000 brick building to be erected for Allison Bros.

ARKANSAS

BALD KNOB.—Holly Grove Baptist Church is considering erection of edifice.

RISON.—Bids will be received by J. T. Renfrow, Court-house Commissioner, until Oct. 10 for erection of \$50,000 courthouse. T. M. Sanders, Southern Trust Bldg., Little Rock, Architect.

WARREN.—Warren Special District School Trustees will ask new bids for erection of \$20,000 jail.

CALIFORNIA

CLAREMONT.—Robt. H. Orr, Pomona, is perfecting plans for erection of proposed Polytechnic High School.

ELMHURST.—Modern structure to cost \$15,000 is to be erected at the corner of Kincell Ave. and East Fourteenth St. by a company soon to be organized under direction of B. Magnusson. Plans prepared.

LOS ANGELES.—Two-story brick building will be erected at Fifty-fifth St. and Central Ave. for Thomas F. Fitzgerald. Plans have been prepared by Frederick Noonan.

LOS ANGELES.—Isaac Bros. are considering erection of business block at 743 S. Broadway.

LOS ANGELES.—Edwin T. Earl will erect store and loft building at Seventh and Spring Sts. Parkinson & Bergstrom, Union Trust Bldg., Architects.

OROVILLE.—Secretary N. B. Crane, of Chamber of Commerce, and others are interested in proposed erection of exposition building.

PASEADENA.—Mrs. F. R. Monroe, 197 E. Colorado St., will erect apartment house at 55 Worcester Ave. in near future.

PASADENA.—North Pasadena Improvement Association, Geo. Aspinwall, President, is considering erection of meeting hall.

PASADENA.—Plans are being prepared for erection of brick business block at East Colorado St. and Worcester Ave. for Mrs. A. Fenyes, 170 N. Orange Grove Ave.

PLACERVILLE.—County Supervisors are planning to locate proposed court house, to be erected this winter, on Main St.

REDDING.—Plans have been drawn for proposed Southern Pacific depot. J. M. Davis, General Superintendent.

ROSEVILLE.—C. H. Barker, Lincoln St., will erect large hotel at Pacific and Lincoln Sts. Plans being prepared.

SAN FRANCISCO.—Franklin Realty Co. has had plans prepared for erection of five-story apartment building at corner of Fell and Franklin Sts.

SAN FRANCISCO.—Architect W. H. Weeks, Cochrane Bldg., has completed plans for erection of \$150,000 hotel at corner of Mason and Turk Sts.

SOUTH PASADENA.—Erection of Municipal Building is being considered.

VALLEJO.—Citizens have voted \$75,000 bonds for city hall.

WILLOWS.—Carnegie Library will be erected at Plumas and Walnut Sts. \$10,000 available.

YUBA CITY.—Plans have been prepared for erection of \$25,000 hotel on Bridge St. C. J. Ward is interested.

COLORADO

PUEBLO.—South Side Park Board has ordered plans drawn for erection of conservatory and superintendent's bungalow.

PUEBLO.—Architect T. P. Barker, Colorado Springs, has prepared plans for erection of Y. M. C. A. building.

CONNECTICUT

BRISTOL.—Red Men have accepted plans by W. P. Crabtree, New Britain, for erection of \$25,000 club house.

HARTFORD.—Erection of fire station for Engine Co. No. 3 is being considered.

NEW BRITAIN.—Plans by Reilly & Steinbach, New York, have been accepted for erection of edifice for St. Andrew's Lithuanian Church. Rev. Jos. Zebris, 360 Church St., pastor.

NEW BRITAIN.—New Britain Turner Society will erect \$40,000 building. Plans accepted.

Holy Trinity Greek Catholic Church, Bever St., is having plans prepared by Architect W. H. Caldwell for erection of school.

WATERBURY.—Plans have been prepared for new three-family frame house at 1015 South Main St. for Edward Keenan. Henry F. Wenzel, Architect.

Plans are being prepared by Architect C. Jerome Bailey for new three-family frame building at Walnut and Webb Sts. for Thomas Donahue.

DELAWARE

NEW CASTLE.—Board of Education has decided to erect addition to No. 2 school.

WILMINGTON.—The United States Treasury Department has approved plans for enlarging Federal Building at cost of \$120,000.

WILMINGTON.—Erection of second Polish Catholic Church of the East Side is being considered.

WILMINGTON.—Plans for the new Madeley M. E. Church and parsonage to be built in South Wilmington have been completed by A. Edward Rhodes, architect, No. 9 Masonic Temple.

DISTRICT OF COLUMBIA

WASHINGTON.—Erection of shoe factory is being considered. R. N. Harper, chairman Manufacturers' Committee, Chamber of Commerce, is interested.

FLORIDA

CLEARWATER.—City hall will be erected on Fort Harrison Ave.

KISSIMMEE.—A. C. L. Railway is considering erection of depot.

MADISON.—Frances T. Kennard, Tampa, is preparing plans for erection of \$40,000 county jail.

OCALA.—Board of County Commissioners has ordered plans for erection of \$40,000 jail.

PENSACOLA.—Architect W. C. Frederic has just completed plans for residence for N. J. Lillard at Englewood Heights.

TAMPA.—City will purchase site at Zack and Jefferson Sts. for erection of fire house.

TAMPA.—Plans by Bonfoey & Elliott have been approved for proposed Hyde Park fire station.

TAMPA.—Board of Public Works is planning to expend \$20,000 for erection of buildings.

GEORGIA

AUGUSTA.—Sanitary Dairy Co. will erect model sanitary dairy plant in this city. C. T. Pund and R. M. Morton are interested.



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WEST PAWLET, VERMONT

GAINESVILLE.—James J. Roberts, Box 2, desires correspondence with architects and with contractors of fireproof office buildings.

ROME.—Architect W. T. Downing, Prudential Bldg., Atlanta, is at work on plans for the building of Greater Shorter. Plans call for ten dormitories.

SAVANNAH.—Savannah Bank & Trust Co. will built fourteen-story building at Bull and Bryan Sts.

ILLINOIS

CHICAGO.—Marshall Field Estate is considering erection of ten-story, \$300,000 building at corner of Fifth Ave. and Polk St.

CHICAGO.—Olson Rug Co. will erect six-story business building at Monroe and Laflin Sts.

Wheeler-Clough Co. will erect \$100,000 factory at Elson and Lester Aves. Plans by Architect Niels Buck, 145 La Salle St. Work will begin at once.

Continental Tailoring Co. will erect modern business building at Adams and Peoria Sts. Adolph Goldschmidt, President.

Plans have been prepared for erection of \$3,000,000 county hospital. Holabird and Roche, 1618 Monadnock Bldg., architects.

QUINCY.—First Christian Church will erect \$25,000 edifice.

INDIANA

ANDERSON.—Anderson Knife & Bar Co. is considering rebuilding of plant. E. W. Lovejoy, manager.

AUBURN.—Plans by Mahurin & Mahurin, Swinney Block, Fort Wayne, have been selected for erection of proposed \$250,000 court house.

EVANSVILLE.—Board of Trustees, Southern Hospital for the Insane, has rejected all bids for erecting a hospital and two stock barns, including heating, plumbing and electric wiring. Foltze & Parker, Indianapolis, architects. Dr. C. E. Laughlin, medical superintendent.

EVANSVILLE.—Mrs. E. Fisher will erect large apartment house at Second and Walnut Sts.

Tentative plans have been formed by Martin Mann, owner of Imperial Hotel to build four-story addition to Imperial Hotel, Eighth and Main Sts.

FORT WAYNE.—Two Societies of Walther League at Zion Lutheran Church are considering erection of hall.

JEFFERSONVILLE.—Plans have been submitted to the Rev. Lucius Matt, pastor of St. Anthony's German Catholic Church, and the Board of Trustees, John Biesel, Fredericka Rapp and Jacob Sedler, for new rectory.

PORTLAND.—West Walnut St. Church of Christ will at once erect \$15,000 edifice.

SOUTH BEND.—Beulah Chapel Church of the Evangelical Association is considering erection of edifice at Michigan and Brick Aves. Rev. L. Newman, pastor.

WANAMAKER.—Franklin Township will soon ask bids for erection of high school. Henry Brown, Trustee.

IOWA

DES MOINES.—F. M. Hubbell Estate will expend \$20,000 in improving building on Seventh St.

DES MOINES.—Residents of Broadacres addition have petitioned School Board for new school building.

SIoux CITY.—Pelletier Bros. will expend \$30,000 in improving building on Pierce St.; annex will be erected. Plans prepared.

TAMA.—Bids will be received until 8 A. M., Oct. 1, for erection of school. L. M. Bissell, Secretary.

VAIL.—Bids will be received until 7:30 P. M. Oct. 1, for erection of two-story, \$12,000, brick school. E. L. Barber, Denison, Architect. M. J. Monaghan, Secretary School Board.

KANSAS

TOPEKA.—J. C. Gordon has had plans prepared for erection of \$50,000 brick business block at Ninth and Kansas Aves.

WEST MINERAL.—Local Lodge of Eagles is considering erection of two-story brick building.

KENTUCKY

FRANKFORT.—Bids will be received until Sept. 26 for erecting Y. M. C. A. Bldg. S. A. Harris, secretary Building Committee.

LOUISIANA

HAMMOND.—City is considering issuance of \$30,000 bonds for erection of school.

LAKE CHARLES.—Stevens Nelson Co., New Orleans, is preparing plans for erection of \$75,000 city jail.

NEW ORLEANS.—The St. Charles Ave. Baptist Church will soon begin to build \$8,000 addition for Sunday school purposes. Drago & Bear, Architects.

NEW ORLEANS.—Council has plans from the City Engineer for branch library in Canal St. and annex to Flower School.

NEW ORLEANS.—Bids will be received by Building Committee, U. A. O. D., through Stevens & Nelson Company, 1109 Hennen Bldg., until Sept. 30 for erection of three-story brick building at 843 Camp St.

NEW ORLEANS.—DeBuys, Churchill & Labouisse, Hibernia Bldg., will prepare plans for erection of proposed \$50,000 immigration station.

MARYLAND

BALTIMORE.—Baltimore Siegwart Beam Co. is considering erection of plant near mouth of Curtis Bay. D. A. Leonard, President.

Charles H. Stoner will at once erect 14 three-story houses on Mondawmin Ave. J. F. Gerwig, 210 E. Lexington St., Architect.

Architects Callis & Callis have been commissioned to prepare plans for a two-story brick-and-stone saloon and dwelling at 167 W. Hamburg St. for Joseph C. Cunningham.

Improvements to cost about \$10,000 will shortly be made to Caswell Hotel, Baltimore and Hanover Sts. Plans for the work are being prepared by Architects Wyatt & Nolting, Keyser Bldg.

The Forest Park Company has commissioned Architect Herbert C. Aiken, 213 N. Calvert St., to prepare plans for a \$5,000 cottage to be built on Hawthorne Road.

BALTIMORE.—Walter M. Geiske, Equitable Bldg., is preparing plans for residence to be erected at Sherwood Station, Baltimore County. Cost about \$8,000.

BALTIMORE.—The C. W. Pacy Co. is planning to build a moving picture parlor to cost \$6,500 at corner of Cross and Olive Sts.

Architect C. M. Anderson, 324 North Charles St., has been commissioned to prepare plans for two warehouses for the Crown Cork and Seal Co., to be built near Eastern Ave. and Twelfth St., Highlandtown.

Dr. F. C. Jewett will erect residence in early spring on Essex Road.

BALTIMORE.—Charles C. Jackson will build three two-story brick dwellings on Carswell St. to cost about \$5,000. Plans for the houses were made by M. H. Willis, Architect.

McLaughlin Brothers are drawing plans for edifice for the congregation of St. John's Evangelical Lutheran Church to be erected at Pimlico and Kate Aves. Cost about \$15,000. Rev. F. A. Heightman, Pastor.

Eugene Blake will soon start construction work on model apartment house for working people at 508 and 510 South Ann St. Cost about \$12,000. Henry J. Tinley, Architect.

HEMPSTEAD.—F. E. & H. R. Davis, Architects, 220 St. Paul St., Baltimore, have drawn plans for \$9,000 bank and office building to be erected for the First National Bank.

LONA CONING.—Allegheny County Commissioners are considering erection of \$20,000 high school.

PORT DEPOSIT.—Pennsylvania Railroad is planning to erect \$15,000 concrete and granite depot.

MASSACHUSETTS

BOSTON.—Five three-apartment houses will be erected in Bullard St. for Clifford W. Mowatt, from private plans. Each house will cost \$7,000.

BOSTON.—Dwelling house, cost \$15,000, will be erected for Mrs. Maria Joll in Kilsyth road, Brookline, from plans by E. R. Chapman, 280 Boylston St.

LYNN.—Board of Education will consider erection of school in southeastern section of city. James E. Rich, Mayor.

LAWRENCE.—Bids will be received until 8 p. m. Sept. 30 for erection of school. John Ashton, Architect.

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MICHIGAN

BAY CITY.—Plans have been prepared and contracts will be let at once for erection of plant for estate of Mathew Lamont.

DETROIT.—E. W. Gregory, Grammond St. and Wood Ave., is preparing plans for erection of \$26,000 apartment house for H. M. Kittle, 107 Jefferson Ave.

Pollmar & Ropes, 23 Cleland Bldg., will receive bids about Oct. 1 for erection of five-story \$32,000 warehouse for Peoples Outfitting Co., 428 Michigan Ave.

DETROIT.—Mildner & Eisen, 1018 Hammond Bldg., have been commissioned by Koppitz-Melchers Brewing Co., 1115 Gratiot Ave., to prepare plans for two-story office building.

FLINT.—City has decided to erect four new schools.

GRAND RAPIDS.—Medos Bros. are considering erection of laundry plant on S. Division St.

MINNESOTA

ADRIAN.—Village will soon build a jail.

ALEXANDRIA.—Citizens have voted \$12,000 bonds for erection of school.

CROSBY.—Erection of \$10,000 school is being planned.

DULUTH.—Aad Temple, A. A. O. N. M. S., will build home costing approximately \$150,000.

DULUTH.—Radcliffe & Price are preparing plans for \$5,000 building for Gogebic Iron Works to replace the structure destroyed by fire.

FARMINGTON.—St. Micheal's Parish will erect \$25,000 brick church.

HIBBING.—Merchants' Warehouse Co. will at once erect two-story building.

ST. PAUL.—Board of Fair Managers is considering erection of Public Service Building at State Fair Grounds.

MISSISSIPPI

NEWTON.—Newton County will vote Sept. 30 on \$50,000 bonds to erect courthouse.

RICHTON.—Bids will be received until Oct. 4 for erection of school. R. E. Lee, 203 Keys Bldg., Hattiesburg, Architect. W. H. Grace, Mayor.

MISSOURI

ST. LOUIS.—Sisters of Mercy will erect proposed St. Johns Hospital at Euclid Ave. and Parkview Place

NEBRASKA

NORTH BEND.—Bids will be received until 11 a. m., Sept. 26, for erection of school. A. H. Dyer Co., Fremont, Architects. Paul R. Howard, Secretary, School Board.

NEW JERSEY

BRIDGETON.—Manager E. B. Moore of the Criterion will erect amusement building.

BERKELEY HEIGHTS.—Benedikt Wolf of Newark will erect factory in this city in spring.

JERSEY CITY.—Plans are being prepared for Swift & Co. for \$150,000 cold storage warehouse, which will be erected on corner of Henderson and Ninth Sts.

JERSEY CITY.—Plans are nearly completed for \$40,000 new club house of the Jersey City Odd Fellows at Academy St. and Bergen Ave.

JERSEY CITY.—Treasury Department has approved plans for the new Federal Building to cost \$584,000.

Bids will be received until 9 p. m. Oct. 13 for erection of three schools. J. T. Rowland, Jr., 15 Exchange Pl., Architect. G. F. Ege, Secretary Board of Education.

LINDEN.—Catholic residents are raising funds for erection of chapel. Rev. Fr. Meinraht is interested.

MADISON.—Architect E. G. W. Dietrich, of 56 E. Twentieth St., New York, has completed plans and is now taking bids for the erection of \$25,000 private residence, which will be built for Counselor Walter H. Condict of 15 Exchange Place, Jersey City.

MORRIS PLAINS.—Bids will be received until 4 p. m. Oct. 8 for erection of kitchen building and tuberculosis shack. John C. Eisele, President Board of Managers New Jersey State Hospital.

NEWARK.—Architect E. V. Warren, 22 Clinton St., has completed plans for erection of number of residences.

Celluloid Company will erect \$20,000 addition at 62 Ash-track at a cost of \$16,000. Cohen & Bessman, Architects.

Mrs. Minnie Lewis will erect four dwellings on the Hiltonia track at a cost of \$16,000. Cohen & Bessman, Architects.

Architect Alfonso Del Guercio has completed plans for erection of \$25,000 store and apartment building at Norfolk and Cabinet Sts. for Rudolph Messina.

PASSAIC.—Edifice, cost \$40,000, will be erected for St. Peter and St. Paul's Orthodox Church. Rev. I. Kpopotovsky, Pastor. Plans prepared.

PATERSON.—Proposed First Ward school will be erected at Halpine, North Second and Fourth Sts.

PERTH AMBOY.—School Board is considering erection of school on Amboy Ave.

ROSELLE.—Architect W. G. Lawrence has completed plans for erection of proposed borough hall

ROSELLE PARK.—First Methodist Church is considering erection of edifice at Chestnut St. and Grant Ave.

IRVINGTON.—Bids will be received until 8 p. m. Sept. 27 for erection of school on Madison Ave. Jos. B. Allen, 11 Sanford St., Architect. W. A. Sherman, Secretary Board of Education.

UNION.—Union Fire Co., No. 1, is considering erection of firehouse.

NEW YORK

ALBANY.—Bids will be received until 3 p. m. Oct. 3 for erection of police station on Pearl St. I. Wachsmann, Secretary Board of Contract and Supply.

AVOCA.—Avoca Lodge, F. and A. M., is considering erection of building. John L. Kennedy, Chairman.

BINGHAMTON.—Board of Education is urging election on purchase of site for erection of High School.

BLADELL.—Thos. W. Harris, 1 Erie County Bank Bldg., Buffalo, is preparing plans for two-story and basement brick school building to be erected this fall.

BUFFALO.—G. Morton Wolfe, 638 Ellicott Square, has prepared plans for erection of \$45,000 apartment building at 367 Linwood Ave. for S. H. Woodruff.

BUFFALO.—Council has made following appropriations: \$20,000 for erection of firehouse at Black Rock; \$23,104 for shed at Clinton Market; \$8,319 for repairing Police Station No. 8; \$39,926 for rebuilding Police Station No. 12 and \$3,690 for repairs to Station No. 3.

MALONE.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until Oct. 12 for constructing, complete, proposed post office.

MORRISVILLE.—Bid of E. H. Owens, Rome, \$10,500, for county work on buildings exceeded the estimate and has been rejected.

MT VERNON.—Competitive plans will be received for erection of fire station on South Sixty St. Alderman Packman, Chairman Building Committee.

NEWBURGH.—Architect F. E. Estabrook is to draw plans for frame addition to the district school in Maybrook.

Architect F. E. Estabrook has completed plans for fire house to be erected at Dubois and South Sts. for Chapman Steamer Co.

NEW YORK.—L. C. Rose, Cramer Ave., will erect \$75,000 dwelling on Cruger Ave. J. J. Vreeland, 2019 Jerome Ave., Architect.

Killwood Realty Co., Jas. F. Meehan, 815 Hunt's Point Road, President, will erect number of brick stores, cost \$10,000 on Clinton Ave. Kreymborg Architect Co., 908 Jennings St., Architects.

Estate of Isaac G. Johnson will erect \$30,000 factory at 808 Private road. Dietz Engineering Co., 50 Church St., Architects.

NEW YORK.—R. F. Knoedler, 767 Fifth Ave., will erect five-story \$175,000 brick store and office building at 556 Fifth Ave. Carrere & Hastings, 225 Fifth Ave., Architects.

Holy Trinity Evangelical Lutheran Church, 166th St. and Prospect Ave., will erect \$8,000 edifice on 167th St. Kreymborg Architect Co., Architects.

NEW YORK.—Fifth Ave. Coach Co., Eighth Ave. and Forty-ninth St., will erect \$35,000 brick garage on 130th St. J. C. McGuire & Co., architects.

Savoy Improvement Co. will erect at corner of Crotona Ave. and 187th St. nine three-story, three-family apartments, with one four-story on corner. Louis Charles Maurer, 1495 Broadway, has drawn plans.

NEW YORK.—H. W. Baer, 141 Broadway, will erect five-story brick store and lofts on Thirty-first St. J. W. Cole, 403 West Fifty-first St., Architect.

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Designs for \$500,000 building for the Normal College, to be erected on Sixty-eighth St., have been approved by Municipal Art Commission; also designs for high school building, the exterior to be of tapestry brick with stone and terra cotta trimmings, to be erected, at a cost of \$435,000, at Irving and Putnam Aves., Brooklyn; designs for public school building to be erected, at a cost of \$275,000, at Ridgewood, Lincoln and Nichols Aves., Brooklyn, and for public school building to be erected, at a cost of \$270,000, at Throop Ave., Bartlett and Whipple Sts., Brooklyn; designs for a municipal bathing house to be erected, at a cost of \$96,000, on Concourse Drive, Brighton Beach, and for four-story and basement building to be erected, at a cost of \$10,000, on Blackwell's Island. R. W. de Forest, President.

NEW YORK.—Mrs. C. L. Poor, Shelter Island, will erect \$50,000 dwelling on Sixty-ninth St. Walker & Gillette, 131 W. Fortieth St., Architects.

C. Riegger, 509 St. Nicholas Place, will erect \$25,000 dwelling on Riverside Drive. Chappell & Bosworth, 258 Broadway, Architect.

Value Realty Co., Philip Wattenberg, 170 Broadway, President, will erect \$10,000 amusement hall on 138th St. M. W. Del Gaudio, 401 Tremont Ave., Architect.

G. A. Domidian, 3050 Bainbridge St., will erect \$7,500 garage on Grand Concourse and Boulevard. John B. Clermont, 300 Gun Hill Road, Architect.

NEW YORK.—Harlem Transfer Co., 90 West St., will erect \$5,000 warehouse on 135th St. George T. Hand, 90 West St., Architect.

Bernstein & Bernstein, 24 E. 23d St., are preparing plans for erection of four three-story buildings at 153 W. 15th St. for Freehold Construction Co.

Wales Construction Co., 230 Grand Ave., will erect four five-story houses on 152d St. Cost \$186,000. C. B. Meyer, 1 Union Square West, Architect.

NIAGARA FALLS.—Plans have been drawn for a modern apartment house in Second St. for the Simmons-Baker Co.

OWEGO.—Erection of \$20,000 home is being considered by firemen.

PARISH.—Architect E. A. Howard, Syracuse, has prepared plans for an Odd Fellows' Temple; also for two-story brick building.

PAINTED POST.—Dr. L. A. Thomas will erect garage in very near future. Site purchased.

ROCHESTER.—Charles B. Kenning, 237 Alexander St., will at once erect \$25,000 brick building at corner of Main St. East and Gibbs St.

A. Fineberg will erect \$10,000 brick building on Clinton Ave. South.

SCHENECTADY.—Architect L. Rodman Nichols has prepared plans for erection of annex to high school.

SYRACUSE.—Mrs. M. B. Hineman will erect two modern houses on Trinity Place.

SYRACUSE.—A. Levey, 309 Bastable Block, has had plans prepared for three one-family dwellings to be erected on Roosevelt Ave.

Plans have been prepared by Robert J. Roney and ground will be broken soon for two-family dwelling on Lynhurst Ave.

First Church of Christ, Scientist, has purchased site at 722 E. Jefferson St. for erection of edifice.

WATERVLIET.—Fuller & Robinson, Albany, have submitted plans and specifications for new Watervliet school building.

YONKERS.—Architects Green & VanPelt, 381 Park Ave., New York City, have prepared plans for erection of school for Church of Our Lady of the Rosary. Rev. John F. Kelahan, Pastor.

NORTH CAROLINA

BLANTYRE.—Boards of Transylvania and Henderson Counties will receive bids until Oct. 3 for erection of school. J. P. Patton, Flat Rock, Chairman.

NORTH DAKOTA

CAYUGA.—Plans have been prepared for erection of \$12,000 building for First State Bank. J. W. Henry, Aberdeen, S. D., Architect.

FARGO.—Trustees of Crittenden Women's Hospital are planning to erect \$12,000 building. Haxby & Gillespie, Architects.

LIDGERWOOD.—Bids will be received until 6 P. M., Oct. 3, for erection of City Hall and fire house. J. W. Henry, Aberdeen, S. D., Architect. F. W. Mashek, City Auditor.

OHIO

BOWLING GREEN.—Architect C. I. Williams, Callahan Block, Dayton, has prepared plans for erection of armory.

CANTON.—First Christian Church is considering erection of addition to edifice.

CINCINNATI.—M. I. Blossom will erect \$5,000 residence on Fifth Ave.

CLEVELAND.—The Globe Machine & Stamping Company will erect manufacturing plant on W. Seventy-sixth St. Plans have been prepared by the Courtney & Emerson Co. Contract will be let at once.

Architect R. M. Hulett, Lennox Bldg., has prepared plans for a new two-story building to be erected on Broadway for the A. Haberman Provision Co.

N. J. Rien & Co. will erect factory building on Carnegie Ave. near the C. & P. Railway. Plans are being prepared by Architect W. S. Lougee.

COLUMBUS.—Architect E. C. Shankland, The Rookery, Chicago, Ill., is preparing plans for erection of garage on North Fourth St. for Dr. W. D. Hamilton.

LOGAN.—Site has been purchased for erection of proposed post office building. C. D. Hilles, Secretary of Treasury.

MT. VERNON.—Bids will be received until noon Oct. 11 for erection of barns and stables at Ohio State Sanitarium. Judson Harmon, Columbus, President State Sanitarium Commission.

NILES.—Mahoning Valley Street Railway Co. will erect \$100,000 car barn and substation.

OAKLEY.—Baltimore & Ohio Railroad will soon let contract for erection of freight depot. Cost, \$50,000.

POMEROY.—Architects Howard & Merriam, Capitol Trust Bldg., Columbus, are preparing plans for erection of armory.

UTICA.—Architect C. L. Inscho, Brunson Bldg., Columbus, is drawing plans for business block to be erected for W. B. Vance.

SPRINGFIELD.—Columbia Planter Co. will erect factory on East St. C. E. Patric, President.

YOUNGSTOWN.—Bids will be readvertised for erection of two public comfort stations.

OKLAHOMA

ENID.—State Board of Control, Guthrie, has had plans prepared for erection of \$25,000 main building at Hospital for Feeble-Minded.

OKLAHOMA CITY.—Pennsylvania Society is having plans prepared for erection of club house at Belle Island.

TULSA.—County Commissioners have decided to erect county infirmary.

OREGON

CARLTON.—Plans are being prepared for one-story brick bank building to be erected for the Carlton State and Savings Bank. Address George Stickney.

PORTLAND.—Architect A. C. Ewart is preparing plans and specifications for two-flat building to be built for J. L. Jeune on Northup St.

Architects Benness & Hendricks, Labbe Bldg., are preparing plans and specifications for \$9,000 residence to be erected at corner of Twenty-first and Hancock Sts. for G. F. Peake.

Architects Harvey & Hogner are preparing plans and specifications for residence to be built for B. J. Howland in Laurelhurst Addition.

PORTLAND.—Citizens will vote Nov. 8 on \$1,000,000 bonds to purchase site and erect auditorium.

Namedico Company has been incorporated and will erect a factory for compounding drugs. Incorporators are F. D. Whiting, H. B. Sill and C. H. Klock.

PENNSYLVANIA

ALLENTOWN.—Rev. Charles K. Fegley, of Palmyra, field missionary of the English Lutheran Home Mission Board, and Rev. F. A. Bowers, of Philadelphia, assistant superintendent of Lutheran Home Missionary Department, have decided to recommend erection of new Lutheran Church in northeastern section of city.

ALTOONA.—Pennsylvania Railroad is considering erection of Y. M. C. A. building at Lexington Ave. and Eighth St.

ARDMORE.—School District, Lower Merion Township, will sell bonds Sept. 28 for erection of school. W. J. Byrnes, Jr., 122 Coulter Bldg., Secretary.

BEAVER FALLS.—German Evangelical Lutheran Church has decided to erect edifice at Fourth Ave. and Sixteenth St.



Swimming Pool, Y. M. C. A., Syracuse, N. Y.
Gaggin & Gaggin, Architects.

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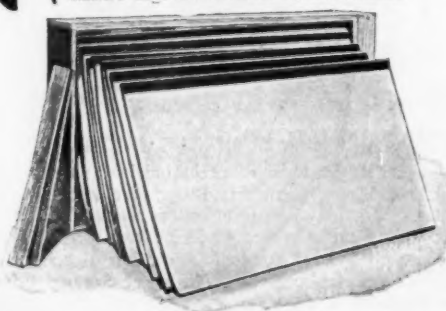


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CONNEAUT LAKE.—H. M. Rider will at once erect hotel at First and Water Sts.

JEFFERSONVILLE.—Local Fire Company has appointed Building Committee to take charge of erection of proposed fire-house.

NORTH YORK.—Borough will vote in November on \$34,000 loan for new school house.

OLYPHANT.—Two-story, \$20,000 brick and stone apartment building to be erected for I. B. Rosenfeld. Plans for the building were prepared by Architects Snyder & Ward, Scranton.

PHILADELPHIA.—Moving Picture Co. of America will erect \$100,000 theater at 333 Market St. Plans prepared.

Architect Charles E. Oelschlager, Harrison Bldg., has completed plans for remodeling of residence at corner of Sixteenth and Ranstead Sts. into a store and office building and for four-story rear addition and interior alterations to residence at 207 North Broad St. for Louis A. Belmont.

PHILADELPHIA.—Philadelphia Shoe Exchange is planning to erect ten-story building in the centre of the city.

Architect Carl B. Zilenziger, 2618 Montgomery Ave., has completed plans for three-story clubhouse at Nos. 2630-32 Columbia Ave. for Twentieth Century Republican Club of the Twenty-ninth Ward.

Thomas, Churchman & Maliton have completed plans for gardener's cottage and greenhouse on estate of James F. Sullivan at Radnor.

Frank G. Caldwell, 1533 Chestnut St., is preparing plans for five two-story dwellings at Oak Lane for William H. West.

PHILADELPHIA.—Mellar & Meigs, Architects, Lafayette Bldg., are designing a two and a half-story residence at Strafford for Herman Wendell.

Joseph C. Harvey will build a five-story concrete addition to his factory at corner of Fifth St. and Columbia Ave., to cost \$15,000.

Plans are being prepared by Peuckert & Wunder for erection of six-story building on Arch St. for Tracey, Morris & Co.

Anderson & Haupt are planning erection of three-story store and apartment house at Point Breeze Ave. and Dickinson St. for Solomon Bros.

PHILADELPHIA.—Ballinger & Perot, 1211 Arch St., have completed plans for erection of addition to factory building of F. W. Tunnell & Co., Wheat Sheaf Lane & Gaul St.

Duhring, Okie & Ziegler, Bailey Bldg., are designing a three-story residence at Providence Road, Alden, for F. G. Ritter. Architects E. F. Durang & Son, 1200 Chestnut St., have completed plans for new building for the Catholic Home for Destitute Children at Twenty-ninth St. and Allegheny Ave.

PITTSBURG.—Architect Thos. Hannah, Kessan Bldg., is preparing plans for erection of \$150,000 six-story building at Penn and Shady Aves., East Liberty, for J. S. Cruthfield.

ROCHESTER.—Bids will be received until 7:30 p. m., Oct. 3, for erection of city building. F. E. Mathews, Architect. J. W. Doncaster, Secretary of Council.

SCRANTON.—The Siegel Realty Co. is having plans prepared by Architect Louis Riesman, Dime Bank Bldg., for two twelve-family apartments to be built on Providence Road.

Architect John A. Duckworth, 44 Coal Exchange Bldg., has prepared plans and specifications for a three-story brick and stone store and apartment building to be erected on Mulberry St. for M. F. Fadden.

TINICUM.—Bids will be received until 7:30 p. m., Aug. 27 for erection of schoolhouse, cost about \$12,000. George Kleeman, Essington, President School Board.

TITUSVILLE.—Citizens have voted \$19,000 bonds to erect school.

YORK.—The Billmeyer & Small Company is planning the erection of large warehouse on North Queen St.

RHODE ISLAND

BRISTOL.—Portuguese residents are interested in proposed erection of church.

NEWPORT.—New Cliffs Hotel Co. has secured a charter; capital stock of \$100,000; new hotel will be erected. Incorporators are Joseph V. Jordan and Ada G. Jordan, both of Newport, and Helen B. Sinclair of Portsmouth.

PROVIDENCE.—Council has adopted resolution appropriating \$16,000 for erection of certain buildings at Roger Williams Park.

Councilman William A. Schofield, Chairman of Committee on City Property has recommended resolution directing Committee on City Property to enlarge Courtland St. Primary School and appropriating \$25,000.

WOONSOCKET.—Dr. Robert G. Reed, Chairman of School Committee, is urging erection of high school.

SOUTH DAKOTA

WATERTOWN.—Plans have been approved for erection of proposed armory.

South Dakota Central Railway will at once erect depot near Kemp Ave. F. I. Cummings, Traffic Manager.

TEXAS

CENTER POINT.—School Board is considering erection of \$15,000 school building.

CLEBURNE.—Judge Padelford will rebuild structure destroyed by fire.

EL PASO.—Geo G. & Sol Franklin are considering erection of business building on Stanton St.

EL PASO.—J. T. Cameron will erect \$250,000 packing plant. Plans drawn.

KARNES CITY.—Campbell-Jauer Co. is considering erection of modern brick business house.

MISSION.—W. Drummond will erect brick store.

M'KINNEY.—Collin County Baptist Association, in session at Plano, will take up matter of erection of college near this city.

STILES.—Reagan County has voted to erect courthouse.

TAYLOR.—Nalley Grocery Co., A. M. Nalley, President, has had plans prepared for erection of two-story building on First St.

TEMPLE.—Bids will be received until Oct. 7 for erection of proposed postoffice. James K. Taylor, Washington, D. C., Supervising Architect Treasury Department.

WACO.—North Fifth St. Christian Church will erect edifice. Rev. E. L. Crystal, Pastor.

YORKTOWN.—Bids will be received until 8 p. m., Sept. 26, for erection of school. H. T. Phelps, 303 1-2 W. Commerce St., San Antonio, Architect. L. Hahn, President School District Board.

VIRGINIA

ALEXANDRIA.—Plans and specifications have been prepared by Speiden & Speiden, Architects, for extensive alterations and additions to the building of First Baptist Church. Rev. W. F. Watson, Pastor, and E. C. Joyce, Chairman of Building Committee.

FORTRESS MONROE.—Old Point Comfort College will erect \$10,000 gymnasium.

FREDERICKSBURG.—Melville & Duval, of Melville Woolen Mills, are considering rebuilding of plant. Business Men's Association is interested.

ROANOKE.—Lakeland Lodge of Masons is considering erection of temple.

WASHINGTON

HILLYARD.—W. H. Skinner will at once erect brick block.

SPOKANE.—Buffalo Investment Co. will erect three-story \$20,000 brick building on Fourth Ave.

Benjamin Lindsay will erect residence on First Ave.

SPOKANE.—Keith & Whitehouse, Architects, are drawing plans for Spokane & Inland station at Belair.

Pure Oil Co., Minneapolis, is considering erection of concrete warehouse on Broadway.

WEST VIRGINIA

ELIZABETH.—West County will erect courthouse and jail at cost of \$50,000.

PARKERSBURG.—New theater will be erected in this city. Hiehle Bros., managers.

WISCONSIN

MILWAUKEE.—Geo. Ruggader will erect brick garage at 490 Twelfth St. Leiser & Holst, Germania Bldg., Architects.

RACINE.—Horlick Food Co. will at once erect addition to factory; office building will be erected in near future.

Citizens will vote on \$50,000 bonds for erection of school.

WAUSAU.—Wausau Telephone Co. will erect \$50,000 home. Work to begin in fall.

Today Otis Elevator equipment is in operation in practically all the principal office buildings, hotels, public edifices, etc., throughout the country. And in residences as well. This is because, no matter what the peculiar requirements in each individual case, we have always been able to meet them. We have always kept in advance of the demands made by the constant development of modern building, thus furthering that development. We offer you complete co-operation, backed by our fifty-five years of successful experience.

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THE AMERICAN ARCHITECT'S Book Department is prepared to furnish any architectural work now in print on short notice. Our book advertising, appearing from time to time, will keep you posted. All inquiries promptly answered. **THE AMERICAN ARCHITECT**, 231-241 W. 39th St., New York.

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FOR SALE—Architect Office in Seattle, Washington. On account of retiring from business, one of the oldest, best-known and most successful architectural offices in Seattle, with a large clientele, is offered for sale. Address 13A, care American Architect. (1813-14-15)

PROPOSALS

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Copy received until 12 m. Monday.

Treasury Department, Office of the Supervising Architect, Washington, D. C., August 30, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 7th day of October, 1910, and then opened, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Temple, Texas, in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Temple, Texas, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1812-13)

Treasury Department, Office of the Supervising Architect, Washington, D. C., September 1, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 10th day of October, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the United States Post Office at Macon, Mo., in accordance with drawings and specifications, copies of which may be obtained from the

Custodian of site at Macon, Mo., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1812-13)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Sept. 6, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 15th day of October, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Fairbury, Nebraska, in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Fairbury, Neb., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1812-13)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Sept. 14, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 24th day of October, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Willmar, Minnesota, in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Willmar, Minn., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1813-14)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Sept. 12, 1910.—Sealed proposals will be received in this office until 3 o'clock P. M., on the 24th day of October, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus and electric conduits and wiring), of the United States Post Office at Troy, Alabama, in accordance with drawings and specification, copies of which may be obtained from the Custodian of site at Troy, Ala., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1813-14)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Sept. 6, 1910.—Sealed proposals will be received at this office until 2 o'clock P. M., on the 17th day of October, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Canandaigua, New York, in accordance with drawings and specification, copies of which may be had at this office, at the office of the Custodian of site, or at the office of the Architects, Messrs. Allen & Collens, No. 6 Beacon St., Boston, Mass., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1813-14)

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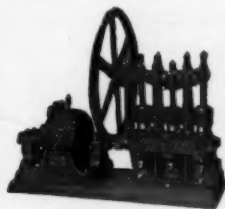
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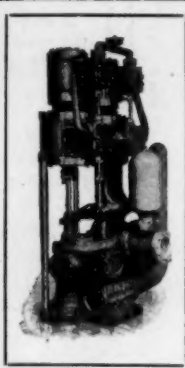
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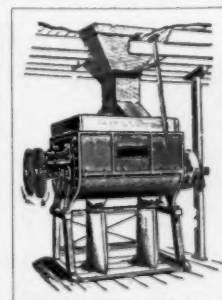


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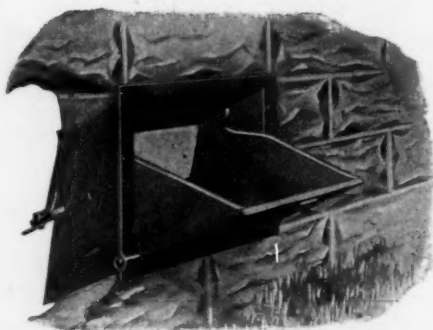


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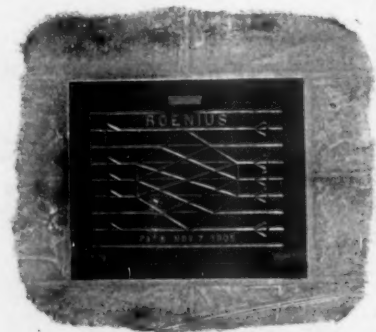
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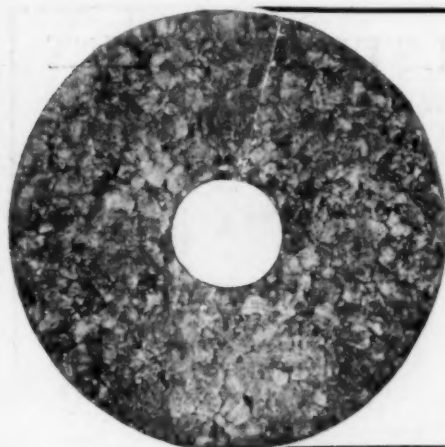
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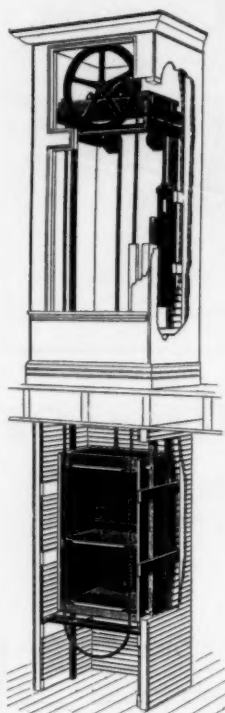
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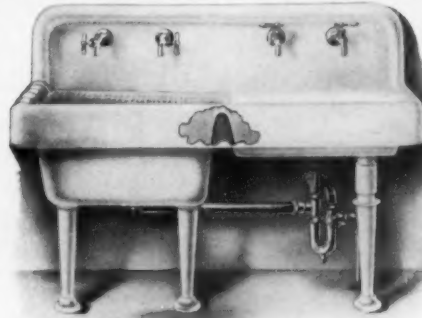


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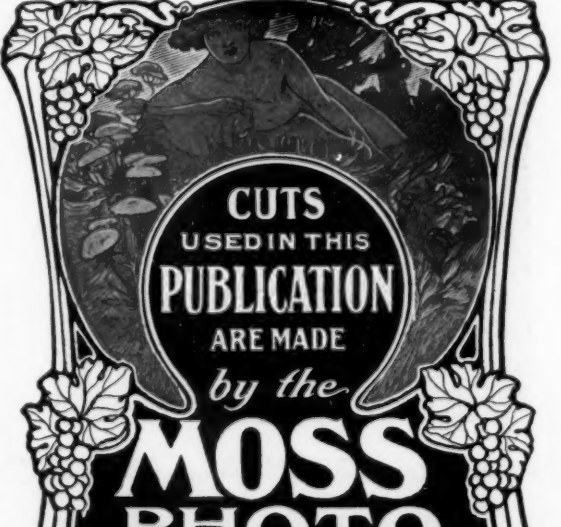
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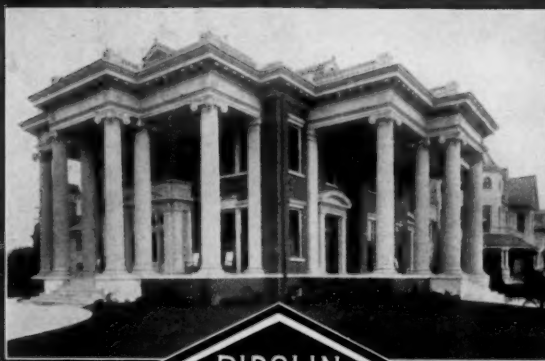
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Name

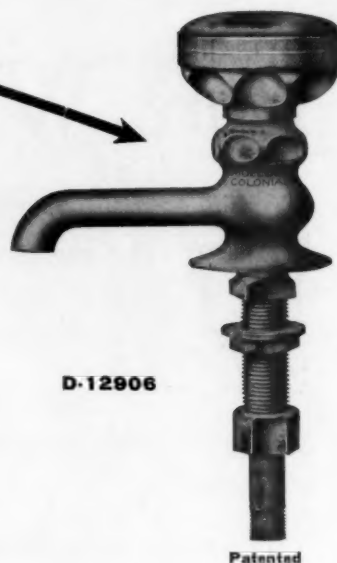
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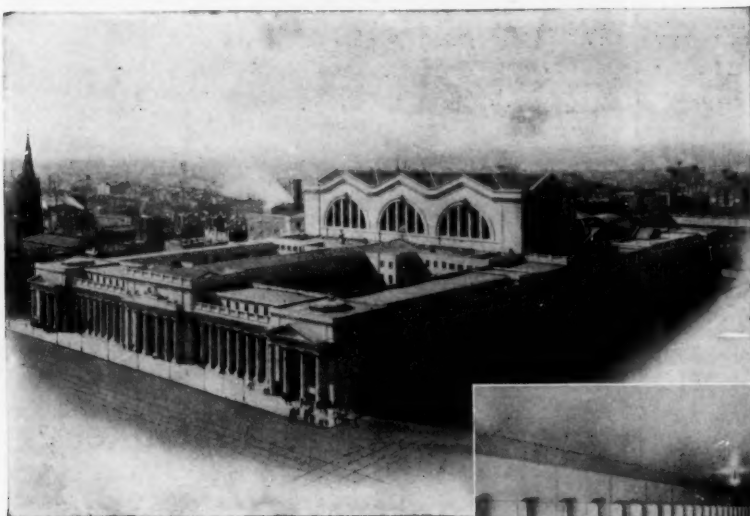
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The Pennsylvania Station, New York City, and View of Toilet Room
McKim, Mead & White Architects

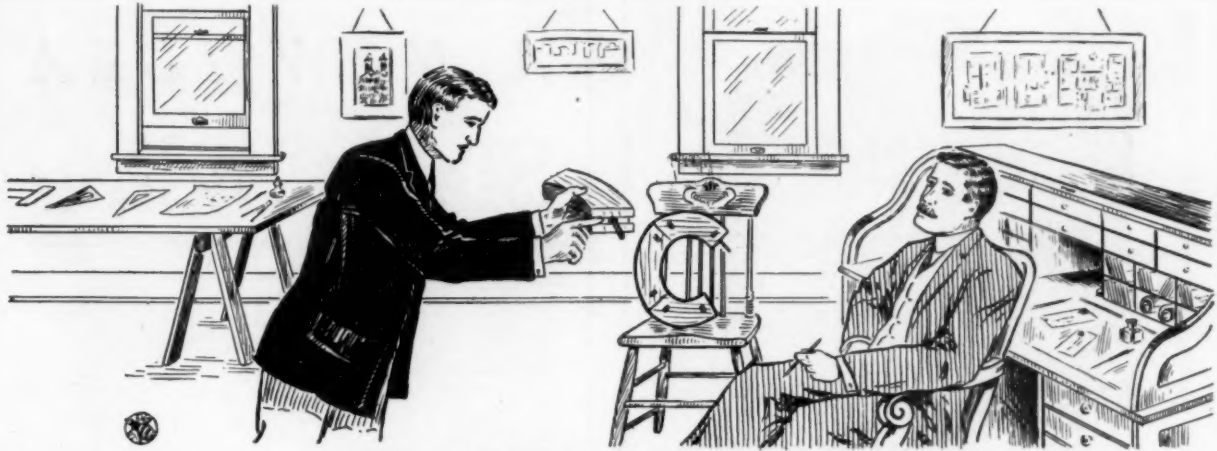
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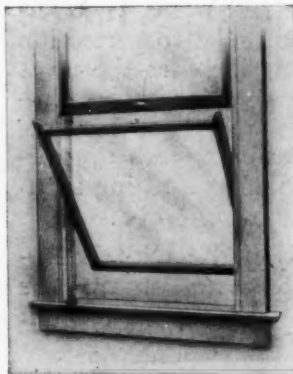


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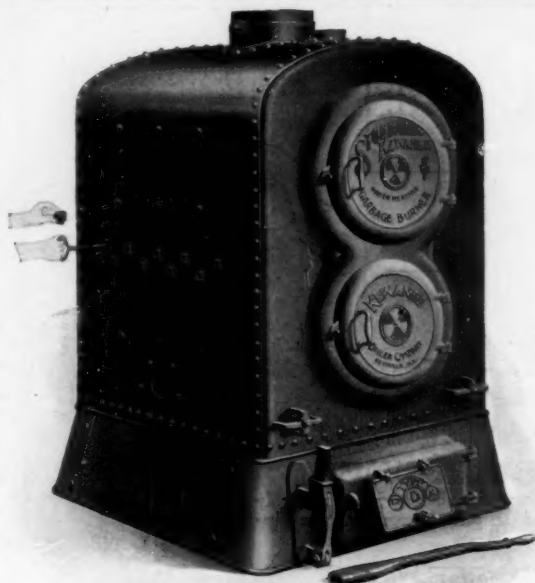
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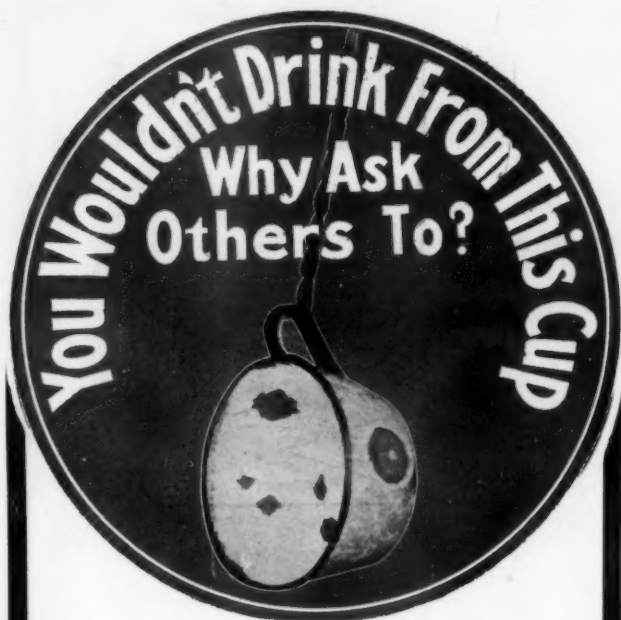
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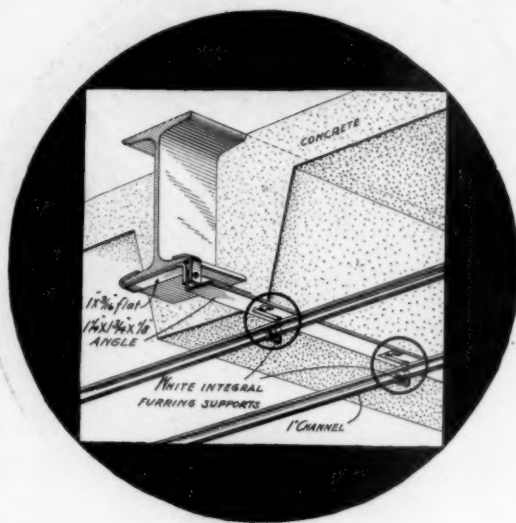
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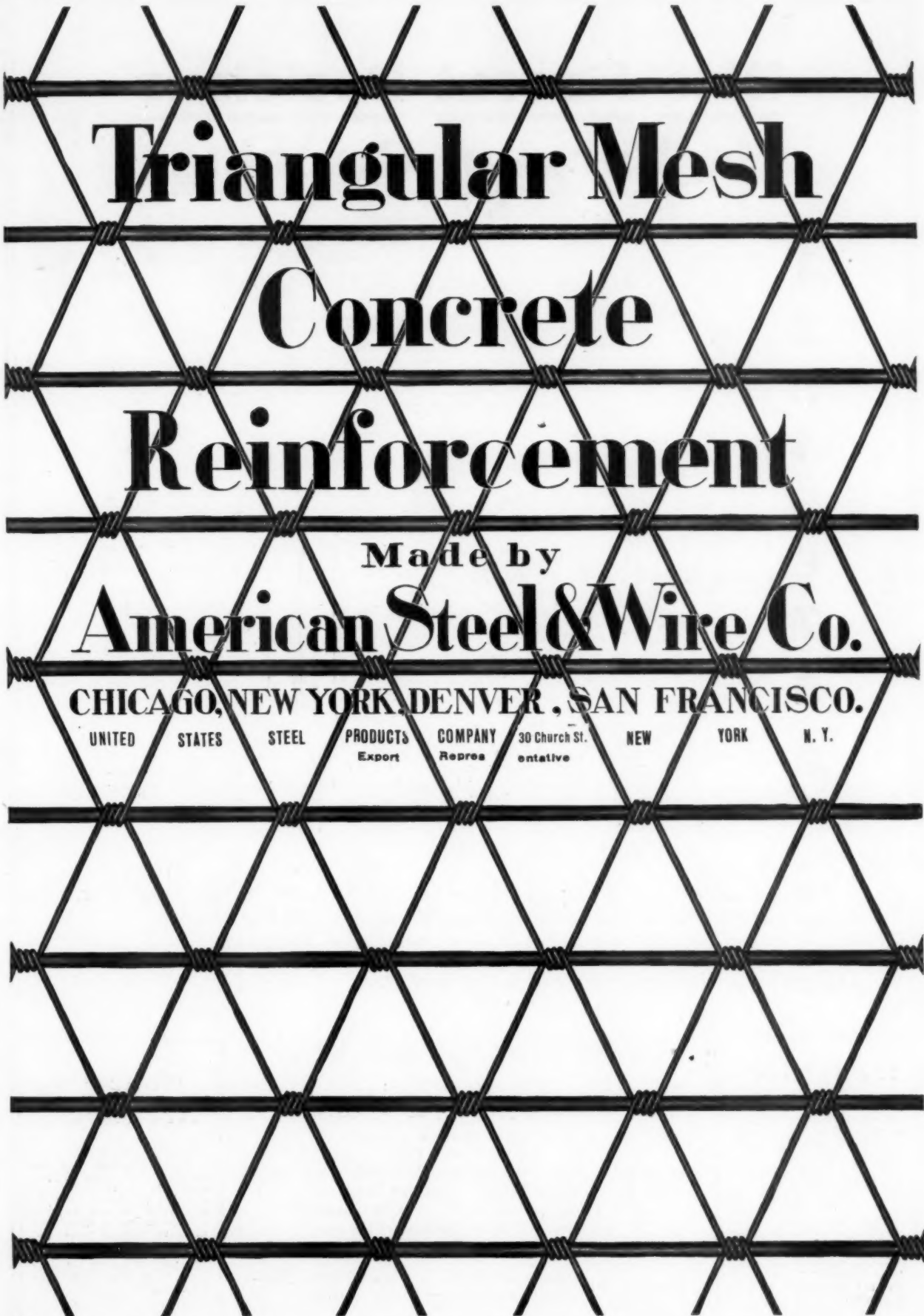
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Nine Recent Decisions in Vacuum Cleaning

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- 2** July 7, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted a restraining order against the Pope Automatic Merchandising Co., and Clarence R. Pope, forbidding the manufacture and sale of the "Pope Electric Cleaner."
- 3** July 15, 1910: U. S. District Judge Carpenter, sitting in Chicago, after a full day's hearing, denied the motion of the Pope Automatic Merchandising Co., and Clarence R. Pope, to vacate Judge Kohlsaat's restraining order.
- 4** July 20, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, after a full hearing, granted the injunction asked against the Pope Automatic Merchandising Co., and Clarence R. Pope, manufacturers of the "Pope Electric Cleaner."
- 5** July 22, 1910: U. S. District Judge Morris, sitting in Duluth, granted a restraining order against the St. Paul Electric Co., and B. B. Downs, forbidding the manufacture and sale of the "Downs Electric Cleaner."
- 6** July 26, 1910: U. S. District Judge Amidon, sitting in Minneapolis, after a full hearing, granted the injunction asked against the St. Paul Electric Co., and B. B. Downs, manufacturers of the "Downs Electric Cleaner."
- 7** August 3, 1910: U. S. District Judge Denison, sitting in Grand Rapids, granted a restraining order against the Menominee Electric Co., forbidding the manufacture of Suction Cleaners in imitation of the **RICHMOND** Suction Cleaner.
- 8** August 16, 1910: U. S. District Judge Sanborn, sitting in Chicago, granted a decree against Streeter Brothers, users of a plant installed by a California company, enjoining the use of that plant because it infringes the Matchette Patent on Automatic Vacuum Control, now owned by the McCrum-Howell Co.
- 9** August 18, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted the Pope Automatic Merchandising Co., and Clarence R. Pope, permission to dispose of 1000 cleaners on hand *only on condition that a \$20,000 bond be given to protect The McCrum-Howell Co., and that each machine be plainly marked, "Not the Richmond Suction Cleaner manufactured by the McCrum-Howell Co."*

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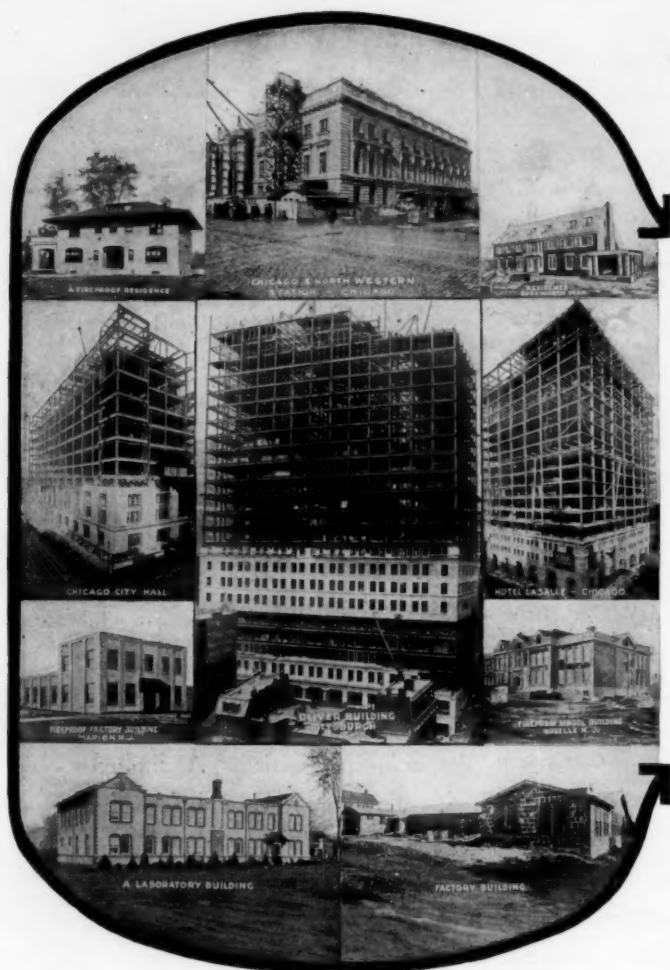
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COMMUNICATION

EDITORS THE AMERICAN ARCHITECT:

Your article, and accompanying illustrations, on the subject of "The Awards of the American Academy in Rome," published in your issue of August 17, is most interesting and the subject matter, being taken to heart, of great service. I feel, however, that some editorial comment upon the illustrations would have greatly increased both its interest and value.

Your journal is presumably published in the interests of Architecture and Architects. The former is a wide field and one in which a very large number of our citizens are interested and many of whom, unhappily, believe themselves very competent judges; the latter, also unhappily, comprise a large proportion of those who are neither competent judges of Architecture, Painting nor Sculpture. It seems to me that in presenting such a subject in the pages of the recognized leading architectural journal it would be of immense value to do so with easily understood criticism of its illustrations.

While making no pretensions to being a really competent judge in any of these three arts I have certainly had some considerable experience in one of them and have been fortunate enough to have seen what are generally admitted as the best examples of the other two. Not having seen the works submitted by the other competitors I would be in no position to judge of the correctness of the judgment of the jury of award in the present instance, but I wish to say that through the medium of my possibly incompetent eyes I am just "tickled to death" with all three.

The prize design in Architecture is a most happy change from most of the recent designs awarded first place in student work; it is simple, dignified, of fine proportions and free from freaks. It comes like a cool breeze from snow-clad mountains to those of us who have been overheated to the boiling point with prize designs of the "Beaux Arts" type, where an unbroken horizontal cornice line would be a crime and where to present a design without an arch projecting up beyond the cornice and carrying the cornice with it (much as if the latter were made of uncooled molasses candy) would preclude the possibility of a prize. Fortunately most of this latter type of design has remained on paper and excepting in Exposition Buildings, where frivolity is more or less admissible, there have been few notable cases where enduring materials have been distorted into confectionery forms.

There is one example, however, which long suffering justifies me in mentioning, for though, not being a resident of New York, I am not compelled to witness it "in the flesh," so to speak, I am usually semi-weekly compelled to view it through the medium of a postal card from some kindly if indiscriminating friend visiting that city.

This is one of the high buildings making up "the interesting sky-line" of New York and with its vividly contrasting red and white coloring (of course, greatly exaggerated on the postal card) always strikes me more as an anatomical than an architectural specimen. These postal cards serve a more or less useful purpose as I hand them over to some medical friend and they always

prove of interest. It is greatly to be hoped that "The Mall in Washington" will ultimately be adorned with buildings of the character of the Roman prize design.

Painting, to my barbaric eyes, is so much a matter of color that it would be eminently unfair to criticise too severely a reproduction in monotone and I have often seen a painting so "bully" in color that it was a pleasure to look at it even though the "drawing" was bad beyond redemption, as for example Turner's "Death of Nelson," where this hero is propped up against the mast of a ship the size of which, if the "drawing" were true, would make the ship a couple of miles in length. I am not criticising the "drawing" in the subject under discussion, but I would like to say that the architect in the painting would be mighty fortunate in his costume in the present weather, and to express a mild curiosity as to whether "Music" were just taking a nap or had been overcome by the heat.

"Sculpture" seems to me "mighty good" in itself, but I would very much like to know what it represents. To the untutored mind a label is often of great service and no matter how fine the figure may be it is a pleasure to know whether you are viewing "Ajax defying the lightning" or some prehistoric gentleman advertising a lightning rod. In the present instance I am inclined to believe the subject is intended to illustrate "Testing the First Cup of Tea." I judge that it evidently portrays something of a very early date, both from the character of the costumes and the fact that the gentleman in the group seems to be in the act of "blowing" his tea to cool it off, which would, of course, not be tolerated in polite modern society.

Really all these things are good, but in a case like this do you not think it would be well to depart somewhat from your custom of not criticising your illustrations?

Very truly yours,

H. T. E. WENDELL.

The editors of THE AMERICAN ARCHITECT are always glad to receive suggestions as to the contents of the paper. Mr. Wendell's excellent suggestion depends for its value on the high competence and wide suggestiveness of such criticism. One of the chief functions of THE AMERICAN ARCHITECT is to present in its pages a faithful and consecutive record of the American architect's accomplishments and their relation to his professional brethren's progress in other countries, implying a knowledge of conditions and the judgment of representative selection.

PERSONAL

Mr. George Champlin Mason, Architect, has removed his office to the Perry Building, corner Chestnut and Seventeenth streets, Philadelphia.

Mr. Stephen Child, Landscape Architect, has removed his main office to the Beacon Building, 6 Beacon street, Boston, Mass. Mr. Child's winter office, as in the past, is at Santa Barbara, Cal.

Messrs. Lyman A. Ford and Leslie Allen Oliver inform us that the firm of Ford, Stewart & Oliver has been dissolved. Mr. Ford, Mr. Oliver and Mr. Law-

rence Smith Butler have formed a partnership for the practice of architecture, under the firm name of Ford, Butler & Oliver, with offices at No. 103 Park avenue, New York City.

The firm of Edwards & Walter, architects, Atlanta, Ga., has by mutual consent been dissolved. Mr. William A. Edwards has succeeded to the business and will continue in the former offices of the firm in the Candler building.

Mr. Edwards will have associated with him as assistants Mr. John Falkner and Mr. Charles Franklin, both well-known architects.

Removal of Atelier Bosworth

The Atelier Bosworth, Society of Beaux-Arts Architects, have removed their studio to 143 West Forty-second street.

Correction of Address

In our issue of August 10 it was stated that Mr. Arthur T. Remick, Architect, had removed his offices to 3 West Twenty-ninth street. Mr. Remick moved from 3 West Twenty-ninth street to No. 37 East Twenty-eighth street.

Competition to be Held by the Building Trades Employers' Association

The Building Trades Employers' Association of New York will conduct in connection with the Permanent Exhibition of Building Materials, now open in the Builders' Exchange, 30-34 West Thirty-third street, New York, a competition for single or detached buildings.

The buildings are to have the following accommodations:

First—4 rooms—1 or 1½ stories high, cost not to exceed \$2,500.

Second—8 rooms—2 or 2½ stories high, cost not to exceed \$4,500.

There being two classes, prizes will be awarded as follows:

	Prize		
	First.	Second.	Third.
First Class	\$100	\$50	\$30
Second Class	150	75	50

For each additional design awarded honorable mention, not to exceed three in number in each class—\$20 to be paid.

Designs are solicited from architects throughout the United States. Full terms of the competition can be obtained by addressing the Association, 34 West Thirty-third street, New York.

All designs to be submitted on or before December 1, 1910. The Committee to judge the designs submitted will be composed of the following architects: William A. Boring, Donn Barber, Grosvenor Atterbury.

Scholarships of the Architectural League of America Are Awarded

The scholarships of the Architectural League of America, in Harvard University, have been awarded

to the following: Robert Finn and Henry Jansen of Detroit, and Frederick Larsen of Boston, with Ernest Hayward of Somerville, Mass., as alternate. The award was made by the teaching staff of the Department of Architecture of Harvard University, and Mr. Edmund Wheelwright of Boston, representing the League. Thirteen men submitted final drawings, the competition being, as a whole, very satisfactory.

London's Memorial to King Edward

One of the most interesting suggestions for the proposed London memorial to King Edward VII is that made by William Woodward, a well-known English architect. He argues that Trafalgar square should be utilized worthily for the purpose. The general idea is to form in the square, in stone and bronze, a complete naval history of Great Britain. On the four great piers at the four points of the compass would be placed sculptural groups, representing respectively the naval victories of the sixteenth, seventeenth and eighteenth centuries. They would culminate in 1805 with Trafalgar. On the two main piers of the flight of steps the architect proposes to place appropriate allegorical figures representing Peace and Honor.

Many other suggestions have been made. Ernest G. Heathcote's proposal is that a fine monumental bridge over the Thames would be a memorial befitting the occasion. Half way over the bridge would be a recessed enclosure surrounding a statue of King Edward.

The committee which is to decide upon the London memorial will meet late in September.

Works of Historical and Artistic Interest Preserved from Time's Ravages

A case in Europe was noticed recently in these pages where a sagging arch of the Rheims cathedral has been supported by a concrete truss. In New York City a number of works of historical interest are being preserved from the ravages of time by the same process that saved the obelisk in Central Park—a coating of paraffin to stop the decay of the stone. One of these is the tomb of Alexander Hamilton in Trinity churchyard, another is an Italian fountain in Bronx Park, and another the row of Cippolino marble pillars on the front of St. Bartholomew's Church.

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Publication No. 391, issued by the National Brake & Electric Co., of Milwaukee, is a pamphlet of 70 pages illustrating and describing the various types of air compressors made by this company.

H. W. Johns-Manville Co. Open New Offices

The H. W. Johns-Manville Co., whose head office is in New York City, advise us that they have opened two new stores. One at Atlanta, Ga., in the Empire Building, under the charge of Mr. W. F. Johns, and the other in the Chamber of Commerce Building, Rochester, New York, in charge of Mr. H. P. Domine.



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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BIRMINGHAM.—West Lake Auto and Country Club has had plans prepared for erection of club house. Lee Moody, Chairman, Site Committee.

MOBILE.—New plans will be prepared for erection of proposed \$22,000 Craighead School. All bids received rejected as excessive.

MONTGOMERY.—Bids will be asked at once for erection of proposed home for Orphans and Widows of Masons and indigent members of the order. L. H. Lee, city, Grand Master.

ARIZONA

PHOENIX.—Architect Harrison Albright, Los Angeles, has prepared plans for erection of proposed Adams hotel.

ARKANSAS

TEXARKANA.—Architects Witt & Seibert have completed preliminary plans and specifications for the construction of two-story brick office building and one-story brick shop for large plant of Texarkana Casket Co.

TEXARKANA.—Stewart Moore has prepared plans for erection of ten-story, \$200,000 office building for Four States Insurance Co.

WARREN.—Bids will be received about Oct. 15 for erection of \$40,000 school. Hewitt & Emerson, Peoria, Ill., Architects.

CALIFORNIA

LONG BEACH.—E. C. Denio, local attorney for Pacific Electric Railway Co., has received plans and a sketch of the big depot and office building, to cost \$200,000.

LOS ANGELES.—Edelman & Barnett, 233 S. Broadway, are preparing plans for two-story and basement residence to be built on Catalina St. for Jay B. Jacobs.

California white pine will be used for the interior finish of a two-story, nine-room residence to be erected on Sixth Ave. for Dr. E. E. Major, the plans having been prepared by Arthur L. Acker, 228 W. Fourth St.

Two-story, 14-room residence will be built in Victoria Park for Mrs. M. F. Shannon. Train & Williams, 254 S. Broadway, are preparing plans.

John C. Austin, Pacific Electric Bldg., is preparing plans for two-story, mission style residence to be built at Beverly Hills for Mary C. Jacobson at cost of approximately \$10,000.

Garrett & Bixby, Currier Bldg., have prepared plans for three-story apartment house building to be erected on Eighth St. for E. A. Beck.

A. W. Riewe is planning three-story apartment house building to cost \$30,000 and to be erected at 743 Beacon St.

Plans for residences to be built for following have been prepared by Los Angeles architects named:

A. C. Ireland, eight-room, Long Beach, F. M. Tyler, Laughlin Bldg., also Mrs. Rosa Knabel, two-story nine-room, Fourth St. and St. Andrews Place.

Richard Maloney, nine-room, Virgil Ave. between Third and Fourth Sts., A. C. Martin.

E. W. Peckham, two-story ten-room, Maltman Ave. near Sunset Ave., George F. Costerisan, 122 W. Third St.

Mrs. A. L. West, six-room, Vine St., Hollywood, Plowman & Needham.

F. Olschewsky, six-room bungalow, 1070 W. Thirtieth St., Scott Quintin.

R. W. Kemp, two-story nine-room, Sunset Boulevard Heights, Charles E. Shattuck.

NILES.—Niles Congregational Church is planning to erect \$10,000 edifice. Rev. F. V. Jones, Pastor.

OAKLAND.—Alameda County Society for Prevention of Tuberculosis will erect three pavilions at cost of \$13,500. Plans prepared.

ORLAND.—M. E. Bryan will erect business building on Fourth St.

Mrs. F. R. Monroe, 197 East Colorado St., is having plans drawn for three-story apartment house to be erected at 55 Worcester Ave.

PRINCETON.—Princeton Joint High School District has voted \$30,000 bonds for erection of high school.

SACRAMENTO.—Forum Investing Co. will erect eight-story office building at Ninth and K Sts. R. A. Herold, Bryte Bldg., Architect.

SAN FRANCISCO.—Public Buildings Committee, Board of Supervisors, has appropriated \$350,000 for erection of proposed Lowell High School, Masonic Ave. and Hayes St.

SAN JOSÉ.—Erection of Y. M. C. A. is being considered. J. J. Miller, Chairman Special Committee.

SAN LEANDRO.—Bond issue for erection of \$15,000 city hall is proposed.

CONNECTICUT

BRIDGEPORT.—Plans have been prepared by Architect F. A. Cooper, 1217 Main St., for erection of residence on Beechwood Ave. for F. A. Persianna.

EAST HARTFORD.—Orient Lodge of Masons is considering erection of hall on Connecticut Blvd.

HARTFORD.—Davis & Brooks, 49 Pearl St., have nearly completed plans for erection of proposed addition to high school.

HARTFORD.—F. H. Crosthwaite, Hartford Wire Works, will erect four-story building on Allyn St. Plans being prepared.

MIDDLETOWN.—Wilson S. Reynolds will erect addition to factory on Church St.

NEW BRITAIN.—United German Societies are planning to erect \$100,000 building on Arch St.

NEW HAVEN.—Contracts will soon be awarded for residence for Winchester Bennett, in this city; cost about \$30,000.

Plans are being prepared for two-family house to be built on Mansfield St., Allington, for D. Capasso, 585 Grand Ave.

Plans are being prepared for residence on Parmalee Ave. for Ernest Voos.

Assistant City Engineer Will H. Fulton is making arrangements for erection of residence at Alden and Edgewood Aves.

NEW HAVEN.—Louis Lavine will at once erect two six-family houses on Scranton St. Cost, \$12,000.

SOUTHPORT.—Erection of high school is being urged.

TORRINGTON.—Architect T. A. Racheter has completed plans which are being figured on for erection of parsonage on Grove St. for Church of the Sacred Heart.

WATERBURY.—Architects Freney & Jackson, 51 Leavenworth St., are preparing plans for new brick two-story parochial school on Charles St. for St. Patrick's parish.

Architect Jos. T. Smith, 36 N. Main St., has prepared plans for immediate erection of three residences.

DELAWARE

BRIDGEVILLE.—District No. 90 has voted to erect \$15,000 school.

WILMINGTON.—Hanover Presbyterian Church is considering erection of edifice. Rev. R. L. Jackson, Pastor.

DISTRICT OF COLUMBIA

WASHINGTON.—Terminal Taxicab Co. will enlarge building on Twentieth St. A. P. Clark, Jr., Architect.

Engineering Department, Major W. V. Judson, Chief Engineer, has recommended erection of building as recreation center.

WASHINGTON.—Bids will be received until Oct. 3 for erection of manual training and arts building at Harvard University. Jesse E. Wilson, Asst. Secy., Department of Interior

GEORGIA

ATLANTA.—Committee, M. L. Thrower, Chairman, will select site for erection of proposed Ansley Park school.

ATLANTA.—Bids have been rejected for erection of proposed Second Ward School at Georgia ave and Formwalt St.

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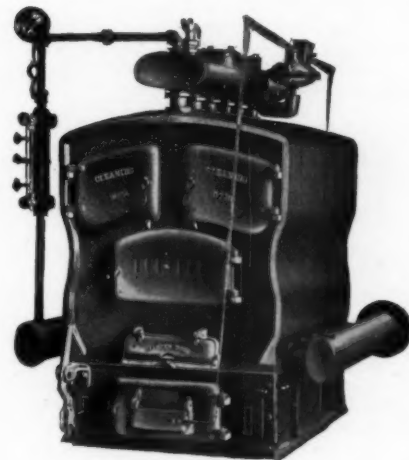
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Hillyer Trust Co. will erect large office building.
MARSHALLVILLE.—City has decided to erect school.
ROSSVILLE.—Huntington & Sears, James Bldg., Chattanooga, Tenn., have prepared plans for erection of \$12,000 school.
SPARTA.—L. S. Ingraham, Principal Sparta Agricultural and Industrial School for Negroes, is urging erection of another building.
TIFTON.—Tift County is considering erection of \$54,000 court house.

IDAHO

WALLACE.—W. L. James, Spokane, owner of the Pacific Hotel and the Pacific Annex Hotel, which were both burned in the recent Wallace fire, has decided to replace the destroyed structures with concrete buildings.

ILLINOIS

CAIRO.—Cairo Brewing Co. will erect \$35,000 hotel building at Twentieth St. and Washington Ave.
CHICAGO.—Plans have been prepared by Shepley, Ruten & Coolidge, 206 La Salle St., for addition to physical laboratory of University of Chicago. Cost, \$100,000.
CHICAGO.—New County Hospital Commission will recommend \$3,000,000 bond issue for new buildings.
CHICAGO.—Catholic Bishop of Chicago has \$60,000 available for erection of church and school on Quincy St.
WM. H. MORRIS is considering erection of high grade apartment house at Cornell Ave. and Fifty-third St.

CICERO.—Bids will be received until Oct. 3 for erection of proposed high school at Twenty-fifth St. and Sixtieth Ave.
G. W. ASHBY, Medinah Block, Chicago, Architect.
FREEPORT.—Architect will at once be selected by Building Committee of School Board for erection of school in West Freeport.

MOBILE.—Moline Y. M. C. A. is considering erection of \$125,000 home.
QUINCY.—Architect G. P. Behrensmeyer, 530 N. Main St., has completed plans for erection of \$35,000 edifice at Eighth and Chestnut Sts. for the St. Rose of Lima Church.

INDIANA

CORYDON.—United Brethren Congregation is preparing to erect \$12,000 edifice. Plans being prepared.

DECATUR.—School Board is considering erection of \$30,000 school.

EVANSVILLE.—St. John's Church is considering erection of Bible school building.

FORT WAYNE.—Wayne Auto Axle Co. has completed plans for erection of building on Hayden St.

INDIANAPOLIS.—Bacon & Griswold, architects, have prepared plans for erection of twelve-story hotel.

MUNCIE.—Board of Works has recommended \$5,000 appropriation for construction of shelter houses in McCulloch Park.

VINCENNES.—Vincennes Bridge Co. is considering erection of \$100,000 addition to plant.

IOWA

CEDAR RAPIDS.—Bids will be received until 7:30 p. m., Oct. 24, for erection of addition to Washington High School. Josselyn & Taylor Co., Architects. J. M. Ingold, Secretary, Independent School District.

COUNCIL BLUFFS.—County will vote in November on erection of \$75,000 jail.

DES MOINES.—A. P. Kivits will erect \$15,000 business block on Grand Ave.

DES MOINES.—Iowa Children's Home Society will erect home on East Ninth St.

SIoux CITY.—Plans are now being made along lines definitely decided upon by Ben Davidson for big office building to be erected corner of Sixth and Pierce Sts.

KANSAS

FORT SCOTT.—H. C. Ernich and others are planning to erect modern natatorium at Fourth and Main Sts.

LEAVENWORTH.—Building Committee, Methodist Church, is considering erection of \$30,000 edifice.

SEDAN.—Citizens will vote in November on \$40,000 bonds for erection of court house.

WELLINGTON.—Contractors have been asked to submit bids for erection of \$18,000 building for St. Luke's Hospital.

WICHITA.—Plans have been completed for erection of \$200,000 union depot on Douglas Ave.

KENTUCKY

HENDERSON.—Henderson County is considering erection of \$20,000 jail.

LOUISVILLE.—First English Reformed Church has purchased site on Jackson Ave. for erection of edifice.

LOUISVILLE.—J. J. Gaffney, Architect, 455 W. Jefferson St., will at once receive bids on a three-story brick warehouse for the Woods-Stubbs Company, at Fourteenth and Walnut Sts.

Work will soon commence on building to be built by John W. Klein, at 642 S. Fourth St., and bids are now being taken by Arthur Loomis, Todd Bldg., and Julius Hartman, Architects, for construction work.

Beth Israel Society will erect \$20,000 building at Brook and Walnut Sts. Joseph & Joseph, Commercial Bldg., Architects.

LOUISVILLE.—Union Gospel Mission is planning erection of \$50,000 addition.

LOUISIANA

DELCAMBRE.—Bank of Delcambre has decided to erect building. Adolph Landry, President.

NEW ORLEANS.—Nungesser Lumber Co. has been incorporated; mill will be erected. George Nungesser, President.

Central Baptist Church will erect \$35,000 edifice at Cleveland Ave. and Jefferson Davis Boulevard. Plans prepared. Rev. F. C. Flowers, Pastor.

MARYLAND

BALTIMORE.—Mrs. C. Nicol has commissioned Architect Howard Sill, 11 E. Pleasant St., to prepare plans for \$25,000 cottage at Roland Park.

Architects Parker, Thomas & Rice, Union Trust Bldg., are preparing drawings for a \$30,000 brick cottage as an addition for the insane at Sykesville, Carroll County, for the Springfield State Hospital.

Plans for \$28,000 home of Dr. John C. Hemmeter, on University Parkway, have been completed by Architect Robert C. Ulrich.

BALTIMORE.—Plans have been completed by Bayard Turnbull, Architect, 12 E. Lexington St., for \$10,000 residence to be erected at Towson for John Ridgeley.

BALTIMORE.—George E. Cook will erect seventeen modern two-story houses on Thirty-fifth St. Cost, \$25,000. J. F. Gerwig, 210 E. Lexington St., Architect.

Bartlett, Hayward Co. is having plans made for new machine shop, to be erected at Scott and McHenry Sts.

Provident Realty Corporation will build another 2½-story frame cottage on Roslyn Ave., to cost about \$5,000. H. J. Tinley, Architect.

BALTIMORE.—M. Fillmore Carter will soon start work building 11 two-story brick dwellings on the north side of Belmont Ave., between Eighth and Ninth Sts., to cost about \$26,000. Stanislaus Russell, architect.

Catholic Church of St. John the Baptist, Saratoga St., will be improved at cost of \$35,000. Robert C. Ullrich, architect.

FREDERICK.—Architect A. B. Mullet, Union Trust Bldg., Washington, D. C., has prepared plans for extensive additional quarters and other improvements at City Hospital.

MASSACHUSETTS

HOLYOKE.—Plans have been prepared by Ellsworth & Howes, 365 Dwight St., for erection of five apartment houses on Saragant St., for Richard Taubert, Oakdale.

MALDEN.—Council is considering \$22,000 appropriation for erection of fire station in Ward No. 7.

QUINCY.—County Commissioners have purchased site on Coddington St. for erection of \$80,000 court house.

SPRINGFIELD.—Architect Henry Vance, Boston, will prepare plans for erection of \$10,000 edifice at Sheffield for Christ Church Parish. Rev. F. W. Stearns, Pastor.

WATERTOWN.—Chas. Brigham, 8 Exchange Place, Boston, has prepared plans for erection of \$140,000 high school.

MICHIGAN

CADILLAC.—Bids will be received by Anheuser-Busch Brewing Association, corner Ellesworth Ave. and Oakes St., Grand Rapids, for erection of two-story building.

DETROIT.—Dr. J. F. MacGeagh will erect apartment houses in near future on Winder St.

HANCOCK.—Hancock Lubricator Co. is planning erection of \$18,000 factory. H. W. Hancock, President.

KALAMAZOO.—Y. M. C. A. will probably consider erection of new building.

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AGENCIES IN ALL PRINCIPAL CITIES

LANSING.—Korff Manufacturing Co. is considering erection of factory.

LANSING.—Atlas Drop Forge Co. will erect more buildings R. E. Olds, President.

MARQUETTE.—Commercial Club is considering J. G. Kreig's proposition for erection of automobile factory.

PONTIAC.—Bids will be received until Nov. 14 for erection of postoffice. Jas. K. Taylor, Washington, D. C., Supervising Architect, Treasury Department.

SAGINAW.—Chas. E. Lown is considering erection of eight-story hotel at Jefferson and Lapeer Aves. Cost, \$130,000.

SAGINAW.—Seeley Auto Engine Co. is considering erection of factory. Board of Trade is interested.

WYOMING.—School District No. 7 will erect addition to school. N. D. Emmons, 86 Merritt Ave., Grand Rapids, Architect.

MINNESOTA

BEMIDJI.—Soo line and Minnesota and International Road will erect \$20,000 union depot. Plans prepared.

BRAINERD.—Socialist Party is considering erection of hall. DULUTH.—Imperial Iron Works will erect several new buildings at West Duluth.

DULUTH.—Plans for proposed St. Louis County tuberculosis sanitarium have been prepared by Scopes & Feustmann, Saranac Lake, N. Y.

The G. H. St. John Company will erect two-story warehouse and office building at Eighth and Hammond Sts.

DULUTH.—G. G. Hartley is having plans prepared for erection of hotel on East Superior St.

MANKATO.—St. Peter and Paul's Club will erect \$15,000 brick building. John H. Hohmann, President.

MINNEAPOLIS.—Architects Long, Lamoreaux & Long, 830 Hennepin Ave., are preparing plans for erecting addition to Palace Bldg. at Nicollet Ave. and Fourth St.

MINNEAPOLIS.—Simplex Darner Co. will erect factory. Al. Hazer is interested.

MINNEAPOLIS.—Three-story brick building, to cost \$12,000, will be erected by Lake Harriet Commercial Club, on W. Forty-third St.

MISSISSIPPI

HATTIESBURG.—Proposed Mississippi Normal College will be erected in this city.

LUCEDALE.—Plans by Chamberlain & Co., Birmingham, Ala., have been accepted for erection of proposed court house.

MISSOURI

COLUMBIA.—Stock company, headed by Horace Williams, Missouri University, will erect \$15,000, three-story building for negroes.

DONIPHAN.—Carter County will vote on \$20,000 bonds for erection of court house.

KANSAS CITY.—Margaret Fullerton, Woodford County, Ky., will erect two-story brick building at Southwest Boulevard and Summit St.

Plans have been prepared by Keene & Simpson, 201 Reliance Bldg., for erection of \$50,000 club house at Elm Ridge.

St. JOSEPH.—Residents of Crosby School District are urging erection of new school.

St. LOUIS.—E. G. Garden, Chemical Bldg., is preparing plans for erection of \$15,000 residence for Clarkson Carpenter.

G. F. A. Bruggeman, Third National Bank Bldg., has prepared plans for erection of \$10,000 residence for C. B. Allen.

NEBRASKA

BEATRICE.—American Automobile Co., Kansas City, will erect \$10,000 building in this city.

FAIRBURY.—Bids will be received until Oct. 15 for erection of proposed post office. Jas. K. Taylor, Washington, D. C., Supervising Architect, Treasury Department.

NELIGH.—Citizens have voted \$8,000 bonds for erection of school.

RED CLOUD.—Issuance of \$60,000 bonds for erection of court house is being considered.

NEW JERSEY

EAST ORANGE.—Bids will be received until 8 p. m. Oct. 12 for erection of high school; bids may be for entire work or any part. Guilbert & Betelle, 917 Broad St., Newark, Architects.

ELIZABETH.—Charles W. Oakley & Sons, 1201 E. Broad St., will prepare plans for erection of proposed Union County tuberculosis hospital.

ELIZABETH.—Nathan Finkel has plans out for eight two-family houses to be built on Magnolia Ave. and South Park St. State Architect George E. Pool has about completed plans for new armory to be erected at Walnut St. and Magnolia Ave.

HACKENSACK.—Board of School Trustees is urging another election on erection of \$177,000 high school at Beech and First Sts.

JERSEY CITY.—Metropole Construction Co., Union Trust Co. Bldg., will erect two modern apartment houses on Boulevard.

Plans have been completed and Architect Thomas W. Biddle is now receiving estimates for erection of \$8,000 store and apartment building on West Side Ave. for Benjamin Elenberger, West Side Ave.

JERSEY CITY.—From plans prepared by Architect John A. Resch, two two-family houses will be erected on Grant Ave. for William E. England, 290 Bergen Ave. Cost \$11,000.

JERSEY CITY.—From plans as prepared by Architect John A. Resch, 170 Lexington Ave., \$6,200 store and apartment building will be erected on Armstrong Ave. for Timothy Furey, of 104 Armstrong Ave.

Architect Emil Guhl, 19 Charles St., has completed plans for a \$10,000 apartment house which will be erected on corner of Columbia Ave. and Bleecker St. for John Sangineth, 207 Thorne St.

MONTCLAIR.—Woman's Club of Upper Montclair is considering erection of clubhouse. Mrs. Robert Hoe Dodd, President.

NEWARK.—Nathan Myers, 238 Washington St., is preparing plans of \$150,000 apartment house to be erected at 143 and 145 Clinton Ave. for Benjamin March.

Residence, cost \$11,000, will be erected on S. Prospect St. for Mrs. Grace H. Currier after plans by W. Orrin Bartlett.

Cohen & Bessman have drawn plans of three-story brick building for six families and stores to be erected for I. Hendler at West Kinney and Sayre Sts. Cost, \$12,000.

Charles Oppel's Sons will erect a power house, factory and stable of brick construction at 364 and 368 Jelliff Ave. after plans by F. H. Ogden Co.

John Schneider will erect \$9,000 dwelling at 10 Kenmore Place. Chas. Knoff, 459 Eighteenth St., Architect.

OCEANPORT.—Citizens have voted to erect \$14,000 school.

PATERSON.—Architect W. T. Fanning, Colt Bldg., has practically completed plans for erection of proposed central fire headquarters.

PLAINFIELD.—Temple Baptist Church will purchase site at 317 E. Front St. for future erection of edifice.

TRENTON.—Board of School Estimate has decided to recommend \$8,000 issue of bonds for construction of school house on Rutherford Ave.

NEW MEXICO

LAS CRUCES.—Trost & Trost, El Paso, Tex., will prepare plans for erection of \$40,000 building for A. & M. College.

NEW YORK

ARVERNE, L. I.—Plans have been prepared by the Long Island Railroad Co. for erection of new brick and frame railroad station which will cost \$10,000.

BROOKLYN.—Thirtieth Ward residents are urging erection of firehouse at Twelfth Ave. and Forty-second St. I. Nathan, Chairman Special Committee.

Wells Memorial Presbyterian Church, Foster Ave. and E. Thirteenth St., is planning to erect \$40,000 edifice. Rev. Wm. B. Gates, Pastor.

CORNWALL.—Citizens will vote. Oct. 18 on \$75,000 bonds for erection of school.

ELMIRA.—Fire Commissioners are considering purchase of site for erection of fire station.

NEW YORK.—Sun Construction Co., 1400 Fifth Ave., will erect six-story brick apartment house on 157th St. Cost, \$80,000. Gronenberg & Leutchttag, 7 West Twenty-second St., architect.

Henry D. Nevins, City Island, will erect \$6,000 frame shop on City Island Ave. John Monks & Son, 82 Beaver St., architects.

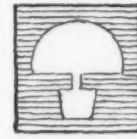
City will erect \$7,000 frame shop on Crotona Ave. Paul Meyer, 26th St. and First Ave., architect.

J. G. Blaaser, 1154 Hoe Ave., will erect \$7,000 brick dwelling on 197th St. C. J. Itzel, 1338 Wilkins Ave., architect.

Levy & Hillson, 1754 Bathgate Ave., will erect \$5,000 brick stable and loft building at 454 173d St. S. Livingston, 29 Forty-second St., architect.



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The Associated Tile Manufacturers

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NEW YORK.—Thos. J. Keleher, 1917 Mathews Ave., will erect \$5,500 dwelling on Kearney Ave. Julius Fabel, Architect.

NEW YORK.—R. W. Goelet, 9 W. Seventeenth St., will erect five-story \$125,000 brick store at Fifth Ave. and Forty-eighth St. H. C. Severance, 500 Fifth Ave., Architect.

Irving Roberts, 1165 Fox St., will erect five-story brick store and apartment house on 165th St. Schaefer & Jaeger, 461 Tremont Ave., Architects.

Dr. F. B. Littlewood will erect six-story \$100,000 elevator apartment house on North Ave. Fred E. Winter, New Rochelle, Architect.

NEW YORK.—City will erect two buildings at Bronx Park Zoo. Total cost, \$10,000. Geo. M. Beerbower, premises, architect.

NEW YORK.—B. C. Gerken, 2685 Briggs Ave., will erect six-story brick lofts on Third Ave. Cost, \$30,000. J. C. W. Ruhl, 3012 E. 204th St., Architect.

NEW YORK.—Daly & Carlson, 44 E. 136th St., will erect six-story \$225,000 apartment house at Broadway and 135th St. Neville & Bagge, 217 W. 125th St., Architects.

Henry Acker, 901 Prospect Ave., will erect two one-story brick stores and amusement hall, cost \$40,000, on Westchester Ave. Koppe & Daube, 830 Westchester Ave., Architects.

NIAGARA FALLS.—Pierce Avenue Presbyterian Church has decided to erect \$10,000 addition. Rev. U. S. Schual, Pastor.

NIAGARA FALLS.—Niagara Falls Exempt Firemen's Association will erect \$9,000 home at 713 Third St. George E. Wright, Architect.

NYACK.—Board of Education is considering erection of school in Central Nyack.

OWEGO.—Citizens have voted \$20,500 bonds to erect fire house on Main St.

STAPLETON, S. I.—Bids will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until Oct. 14, for construction of a double set of assistant surgeon's quarters in conjunction with reconstruction and additional buildings for Marine Hospital at Staten Island.

SYRACUSE.—Board of Contract and Supply has directed Sec. John J. Halloran to advertise for bids for an addition to the City Hospital and the erection of a comfort station at Frazer School.

Architects Merrick & Randall, S. A. & K. Bldg., are preparing plans for five-story brick building to be erected at No. 206 Jefferson St for Max Lessen.

SYRACUSE.—Tabernacle Baptist Church Corporation is considering erection of addition to present edifice on South Salina St.

Edward Lehman will erect two-family house at corner of Grant Ave. and Arthur St.

NORTH CAROLINA

FAYETTEVILLE.—Atlantic Coast Line Co. will have plans prepared for erection of \$30,000 union depot.

GREENSBORO.—Architect F. A. Weston has about completed plans for erection of proposed Y. M. C. A. building.

NORTH DAKOTA

BELFIELD.—Citizens' State Bank is considering erection of brick building.

OHIO

AKRON.—New hospital building will be erected at Mary Day Nursery. Mrs. E. R. Adam, President, Board of Directors.

AKRON.—S. T. Cunningham & Son, Mill St., will erect modern undertaking establishment on South High St.

CINCINNATI.—Arthur Chundle will erect country home on Plainfield Pike.

CINCINNATI.—The L. & N. Railroad will erect \$8,500 office building and storeroom near their shops in former Central Covington.

CINCINNATI.—Dickman & Ortman will erect three bungalows, cost \$13,500, at Shanmoor and Burwood Aves., in Norwood.

CLEVELAND.—Architect M. M. Gleichman, Lennox Bldg., has prepared plans for series of proposed community houses which Councilman White is urging city to build.

Public Library Board has rejected all bids for library to be erected on Quincy Ave. New bids will be asked.

COLUMBUS.—Architect H. C. Jones, Desher Blk., has prepared plans for erection of two residences.

Architects Stribling & Lum, 85 N. High St., are drawing plans for pressed brick residence to be erected on Franklin Park South for Dr. Tod Gilliam.

HAMILTON.—St. Peter's Church, Father H. H. Rehtin, Pastor, is planning \$50,000 structure.

VAN WERT.—Architect F. L. Packard, Hayden Bldg., Columbus, has been commissioned to draw the plans for the proposed \$100,000 high school.

YOUNGSTOWN.—Pennsylvania and Erie Railroads have perfected plans for erection of union depot.

OKLAHOMA

MUSKOGEE.—Southern Methodist Church is interested in proposed erection of edifice in eastern part of city.

OKLAHOMA CITY.—New State Brewing Co. will at once erect storage depot at Francis and Twenty-sixth Sts. Carl Glitsch, Manager.

WAKITA.—City is considering election on \$20,000 bonds for erection of school.

OREGON

KENTON.—Kingsbury, Carey & Hallock, Portland, are preparing plans and specifications for \$9,000 cement block building to be erected for M. H. Carter.

MEDFORD.—Sisters of Providence have agreed to erect \$100,000 hospital in early spring.

PORTLAND.—F. Masson, Powell Valley Road, will erect ware house at Broadway and Thirty-third St.

Architect J. R. Ford is preparing plans for erection of residence for C. M. Collier.

PORTLAND.—Architects Claussen & Claussen, Board of Trade Bldg., are preparing plans and specifications for \$7,500 residence of the "Craftsman" type, which will be erected on the Alameda Drive, in Alameda Park, for Louis J. Bader.

PORTLAND.—G. F. Peake is planning to erect \$10,000 Colonial residence at E. Twenty-first and Hancock Sts.

Jas. Phillips will erect residence on Williams Ave. Roberts & Roberts, Architects.

PORTLAND.—Plans and specifications for \$12,500 two and a half-story Colonial residence, to be built on Twenty-sixth and Lovejoy Sts. for W. B. Peacock, have been prepared.

Portland Hotel Co. is considering erection of ten-story addition to hotel. K. K. Cutler, Spokane, Advisory Architect.

SUMTER.—A. E. Dagany, owner of Golden Eagle Hotel, will at once rebuild burned structure.

PENNSYLVANIA

AMBRIDGE.—Architect J. A. Snyder, Beaver Falls, has prepared plans for erection of \$20,000 club house or Eagles' Club.

CHESTER.—Mrs. Samuel Gore, Ninth St., is considering erection of home on Eighth St.

CONNELLSVILLE.—A. F. Link, 407 N. Craig St., Pittsburg, is preparing plans for erection of parochial school.

HANOVER.—Supervising Architect Jas. K. Taylor, Treasury Department, Washington, D. C., has prepared plans for erection of \$100,000 Federal Building.

HAZLETON.—Directors of United Charities are considering erection of \$15,000 home for friendless.

JOHNSTOWN.—Vine St. United Brethren Church is considering erection of edifice. Thos. W. Boyd, Pittsburg, Architect.

MEADVILLE.—Moore Bros. Dairy Co. will at once erect building on Water St.

PHILADELPHIA.—Deaconess and Hospital Society of Atlantic Conference of Evangelical Association will erect hospital in future at corner of Taber Road and Lawrence St.

PHILADELPHIA.—H. E. DeHuff is preparing plans for three-story flat-house at corner of Forty-fourth and Walnut Sts. for M. Rosenstein. Cost \$80,000.

Architects Savery, Scheetz & Savery, Gerard Bldg., have completed plans for three-story office building at Cramp Shipyard at Richmond Ave. and Norris St.

Architects Ballinger & Perrot, 1211 Arch St., have completed plans for six-story brick and concrete commercial building at corner of Twelfth and Race Sts. for Leo and Arthur A. Neissen.

PHILADELPHIA.—Board of Education will at once ask bids for erection of following: A six-room addition to the Thomas B. Read School, Seventy-eighth St. and Buist Ave., costing about \$30,000, and a 12-division addition for the Comegys School, at Fifty-first St. and Greenway Ave., to cost between \$96,000 and \$100,000. J. Horace Cook, Architect.

PHILADELPHIA.—Architects Anderson & Houpt are designing operation of 150 two-story dwellings at Sixtieth and Pine Sts. for the Penn Building Co., and 50 two-story houses at Twenty-third and Cambria Sts. for Greenspan & Quinto.

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PITTSBURG.—Plans have about been completed by Architects Ballinger & Perrott, of Philadelphia, of the \$15,000 dormitory to be built on Ridge Ave., Northside, for Western Theological Seminary of Presbyterian Church.

Architects D. Simpson & Co. are receiving bids on the erection of \$40,000 residence on Fifth Ave., East End, for L. W. Hicks.

PITTSBURG.—Brick store and flat building, cost \$15,000, will be put up on Electric Ave., East Pittsburg, for S. Hartstein, from plans by A. K. Miller, Penn Bldg.

Three-story brick building is to be erected this fall for the East Pittsburg Singing Society on Electric Ave., East Pittsburg. Architect M. Nirdlinger, Diamond Bank Bldg., is preparing plans for erection of \$16,000 residence on Parkman Ave.

PITTSBURG.—Plans of the 26 dwellings to be built on Center Ave. and on Grant Boulevard, Bellfield district, by the Schenley Farms Co., are being completed by Architects Janssen & Abbott, Ninth St. and Liberty Ave.

TREHART.—Bids will be received until noon, October 13, for erection of almshouse building. McCormick & French, Second National Bank Bldg., Wilkes-Barre, Architects. Thos. Cassidy, 20 N. Franklin St., Wilkes-Barre, Secretary, Central Poor District.

SCRANTON.—Architect Louis Reisman, Dime Bank Bldg., is preparing plans and specifications for \$7,000 frame dwelling to be erected for Samuel Patz at Prospect Ave. and Cherry St.

Plans have been prepared for erection of \$38,000 addition to the Mayfield Silk Mill owned by Alfred Harvey of this city.

SHARPSVILLE.—Valley Mould & Iron Co. is having plans prepared for erection of office building on Mercer Ave.

WEST GROVE.—Fire company will erect \$10,000 engine house.

YORK.—Finance Committee will purchase site in Eighth Ward for erection of school.

RHODE ISLAND

CENTRAL FALLS.—Addition, cost \$15,000, will be erected to Broad St. school building.

WOONSOCKET.—Erection of \$60,000 high school is being considered.

SOUTH CAROLINA

BATESBURG.—School District No. 18 has voted \$15,000 bonds to erect school. J. A. Whitten, Trustee.

TENNESSEE

BRISTOL.—Emanuel Episcopal Church will erect \$15,000 edifice at Moore and Sycamore Sts.

First Baptist Church will shortly erect \$25,000 edifice.

COVINGTON.—Bids will be received until Oct. 15 for erection of county high school. J. J. Miller, Secretary Board of Education.

MEMPHIS.—Sacred Heart Church will erect edifice at Cleveland St. and Jefferson Ave., Madison Heights. Rev. P. L. Mahoney, Pastor.

NASHVILLE.—Citizens will vote November 8 on \$25,000 bonds to erect colored normal school. H. E. Howse, Mayor.

TEXAS

BEEVILLE.—Citizens have voted \$30,000 bonds to erect modern high school.

BRACKETTVILLE.—Commissioners' Court has decided to erect proposed court house of brick.

DONNA.—Citizens have voted \$10,000 bonds to erect brick school; frame school building will be erected at East Donna.

EL PASO.—Walter D. O'Brien is interested in proposed erection of nine-story hotel at Overland and El Paso Sts.

EL PASO.—Trost & Trost are preparing plans for erection of \$25,000 edifice at Rio Grande and Florence Sts. for Westminster Presbyterian Church.

FLOYDADA.—Bids will be received until 10 a. m., October 3, for erection of school. Taylor & Wolfe, Continental Bank Bldg., Fort Worth, Architects. A. B. Duncan can be addressed.

FORT WORTH.—Plans and specifications for four buildings for immediate construction at Texas Christian University are being considered by Board of Directors. Address President Lockhart.

WACO.—Texas Central and Katy railroads will erect \$100,000 freight depot at Eighth and Jackson Sts.

UTAH

OGDEN.—City will soon ask bids for erection of school on Endion Ave.

VIRGINIA

LYNCHBURG.—Executive Committee of Presbyterian Orphanage has decided to erect buildings at cost of \$50,000.

NORFOLK.—Methodist Episcopal Church will erect edifice at Monroe Place and Cambridge Crescent, Larchmont. Russel E. Mitchell, Dickson Bldg., Architect.

PETERSBURG.—High St. M. E. Church is interested in erection of proposed Blandford Church.

WASHINGTON

EVERETT.—Knights of Columbus are considering erection of building. John K. Healy, Chairman Building Committee.

SEATTLE.—Hamm & Schmitz will erect office building at Fourth Ave. and James St. Bebb and Mendel, Denny Bldg., architects.

G. Hamman will erect \$20,000 apartment house at 17 W. Roy St. G. S. Hamman, architect.

Seattle Surgical Hospital Co. will erect \$90,000 building on Eastlake Ave. Kingsley & Creutzger, architects.

SPOKANE.—Bids will be received until Oct. 10 for erection of proposed \$275,000 Central High School, L. L. Rand, The Rookery, architect. E. A. Thomas, Secretary Board of Education.

SPOKANE.—Minnesota Club is considering plans for erection of \$5,000 club house.

Three residences are planned for the South Park and Cannon Hill Districts about corners of Thirteenth and Fourteenth Aves. and Walnut St. for G. S. Goosuch.

A \$15,000 brick warehouse is to be built by Calispel Flour Mills Co.

J. B. Bayless, of grocery firm of Bayless & Crowell, is to build two-story brick block at Thirteenth Ave. and Chestnut St.

Plans have been prepared by the Ballard Plannery for erection of residence on Summit Boulevard for Rev. F. G. Davies, Pastor, Grace Baptist Church.

Kohler & Chase Piano Co. will erect factory in this city. Geo. C. Chase, San Francisco, western representative.

TACOMA.—Plans for modern, \$10,000 residence to be built for Dr. L. L. Love at corner of G and North Eighth Sts. are now being prepared by Potter & Merrill; contracts are expected to be let Oct. 1.

WEST VIRGINIA

CHARLESTON.—United Brethren Congregation is planning erection of church.

KENOVA.—Bids will be received by the Board of Directors of the Kenova Banking & Savings Co. until 2 p. m. Oct. 1 for erection and completion of any part or the whole of banking and office building, according to plans and specifications prepared for same by J. R. Gieske, Architect, Ceredo. K. B. Cecil, Cashier.

WISCONSIN

FOND DU LAC.—Architect H. Messiner & Son, Milwaukee, have prepared plans for erection of \$125,000 high school.

GREEN BAY.—G. W. Leamon, of City Bakery, will erect building at 1014 Ogden Ave.

Board of Education will purchase site along Madison Ave. for erection of ward school.

LA CROSSE.—Governor's Guard Association is considering erection of auditorium and armory building.

MILWAUKEE.—Architects C. F. Ringer & Son, 106 Mason St., have prepared plans for erection of two-story flat for John Picken, at Dormer and Linwood Aves.

MILWAUKEE.—H. F. Bogt will erect \$9,000 residence on Cedar St. H. Messmer & Sons, Papst Theater Bldg., Architects.

A \$10,000 store and flat building will be erected at 548 Mitchell St. for P. Saxe. Van Ryn & De Gelleke, 211 Grand Ave., Architects.

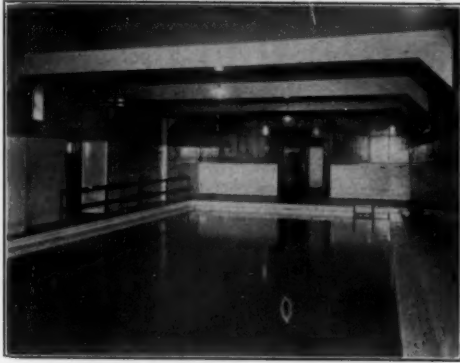
E. A. Oliver will erect \$9,000 residence on Marietta Ave.

SUPERIOR.—Erection of another wing to Superior Normal School is being considered; Legislature will be asked to make appropriation.

WAUSAUKEE.—Laun Bros. will erect double-store building.

CANADA

NIAGARA FALLS, ONT.—General Hospital Board has decided to erect home for nurses.



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Gaggin & Gaggin, Architects.

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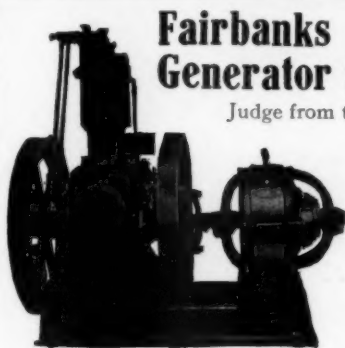
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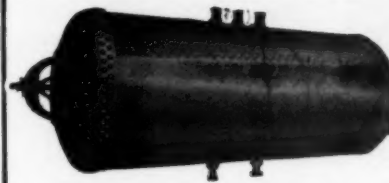
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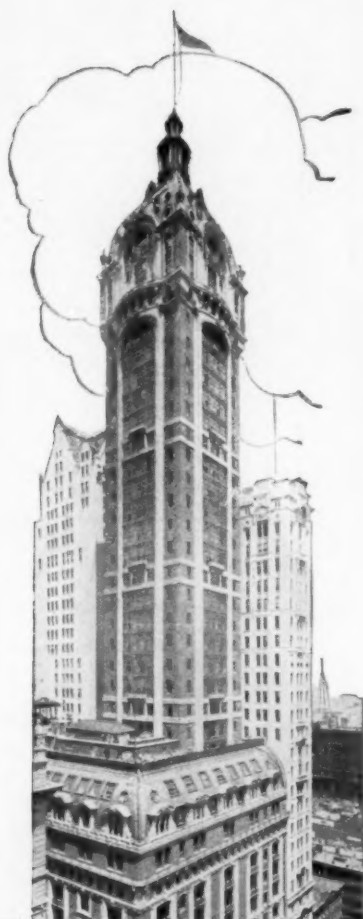
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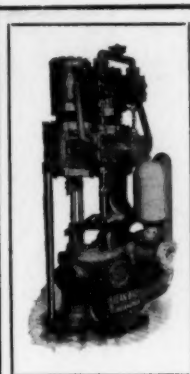
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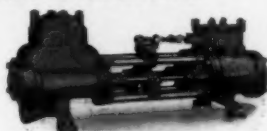


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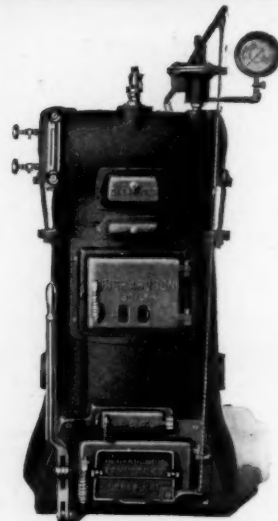
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Architect

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SILVER LAKE COMPANY
BOSTON, MASS.

Art-Metal Bronze-Steel

In the year 1888 a factory was established which has made the name of Jamestown, N. Y. as celebrated as the historic Va. town of the same name.

ART METAL CONSTRUCTION CO.

are the originators in the adaptation of Sheet Steel for the furnishings of Public Buildings of every character. Their resources are unlimited---Capitalized for \$1,750,000---Factory capacity 7 acres of floor space and employing 1200 skilled mechanics---ARCHITECTS and OWNERS ARE SOLICITED.

Jamestown, N. Y.

The Address

"Art Metal"



"The 'GLOBE' is built on honor
and sold on merit."

The "GLOBE" Ventilator

IN BRASS, COPPER, GALVANIZED IRON
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SIMPLE SYMMETRICAL STORM-PROOF EFFECTIVE

FOR PERFECTLY VENTILATING BUILDINGS OF EVERY CHARACTER

Smoky Chimneys Cured

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MANUFACTURED BY

GLOBE VENTILATOR COMPANY, TROY, N. Y.



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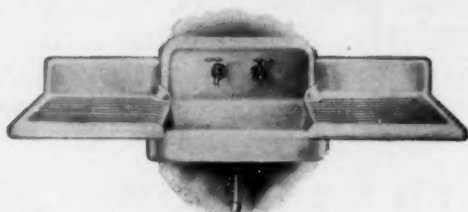
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Are you interested to obtain the most effective and telling results from the ornamental work you draw into your plans? Do you want same to be an exact characteristic reproduction of the style or period of design you want your building or rooms to represent? Then send your plans for estimating the cost of the Ornamental Plaster, Composition or Cement work to

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For further particulars see catalog "F," copy of which will be mailed on application.

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Medusa Waterproofing

(Patented Apr. 23, 1907)

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Catalog G on Request

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hair or fiber with plaster the way it should be done. All working parts and mixing chamber of the

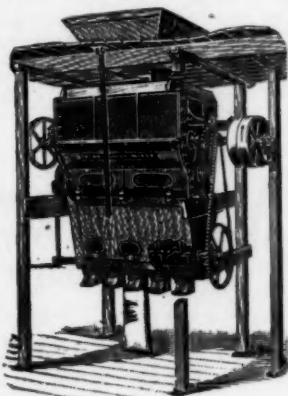
Broughton Mixer

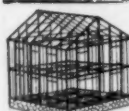
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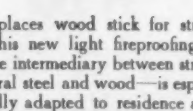






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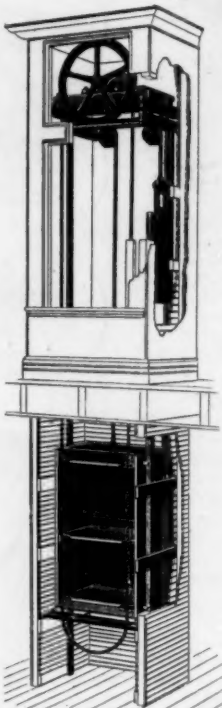
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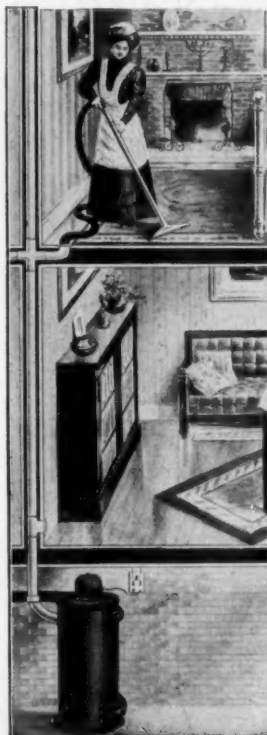
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so delights any woman that the small cost is returned to you many times over in higher rents and better selling prices.

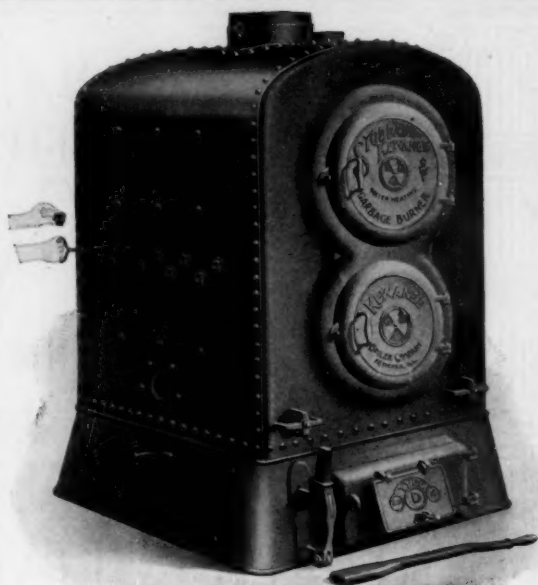
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GARBAGE BURNER
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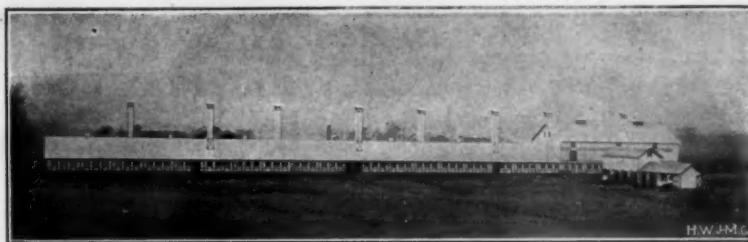
Ease and comfort to operatives, smooth, noiseless, dustless, sanitary; with great fire-resisting quality and not affected by moisture, oil dripping, or acids; it is the *ideal* flooring.

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That is what this roofing has been called by those who use it, because it is practically indestructible. It makes any building immune against every enemy that can attack a roof.



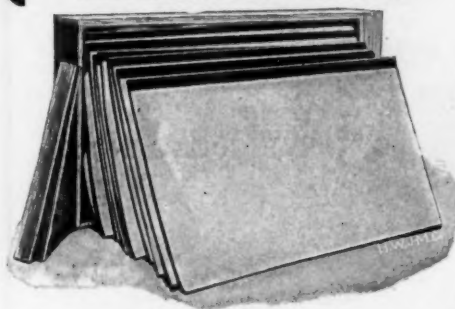
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The quality of its service and durability place it in a class by itself. No other roofing can compare with it. It will stand fire tests for any length of time that would destroy in a few minutes any of the so-called fire-resisting roofings.

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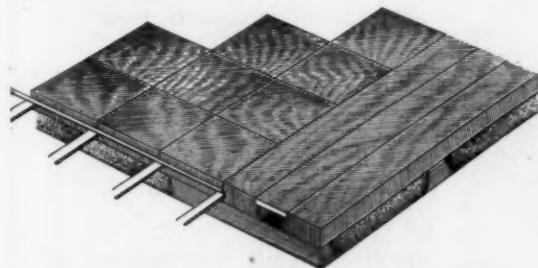
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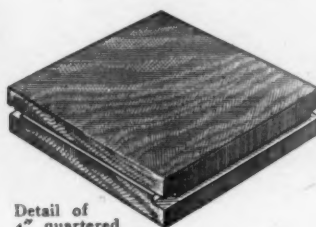
STEEL-WOVEN OAK FLOORING

FOR FIREPROOF BUILDINGS

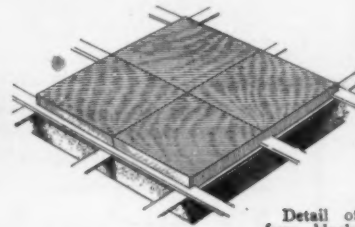
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Showing two border and wall strips with bridge over compression space and short dovetailed pieces of wood to which border strips are lightly nailed.



Detail of 4" quartered white oak block.



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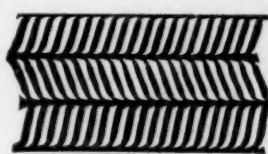
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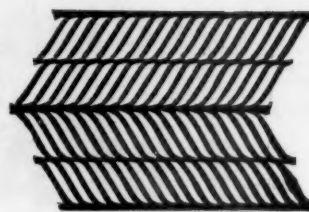
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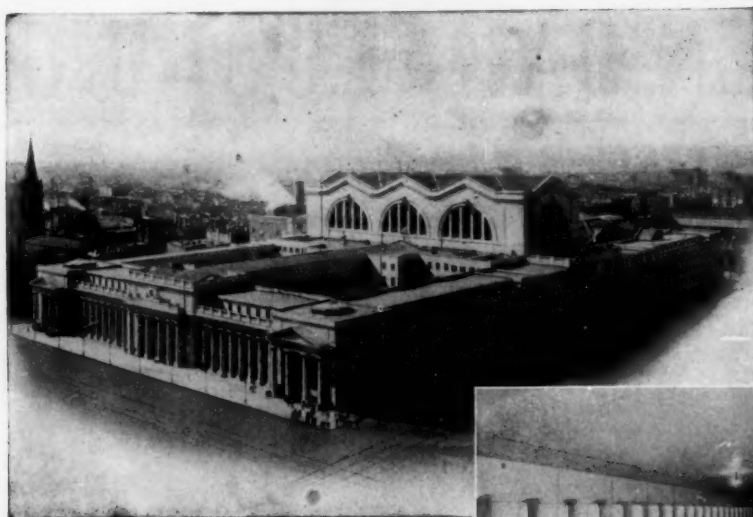
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Trenton, New Jersey, U. S. A.

The Trenton Potteries Company

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Illustrating one of our several designs of Slop Sinks



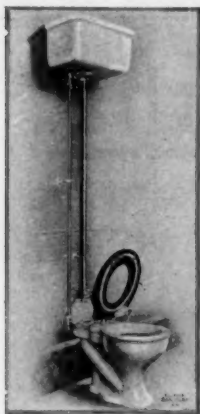
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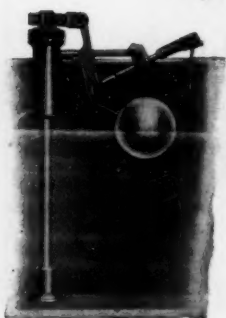
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You could not prevent
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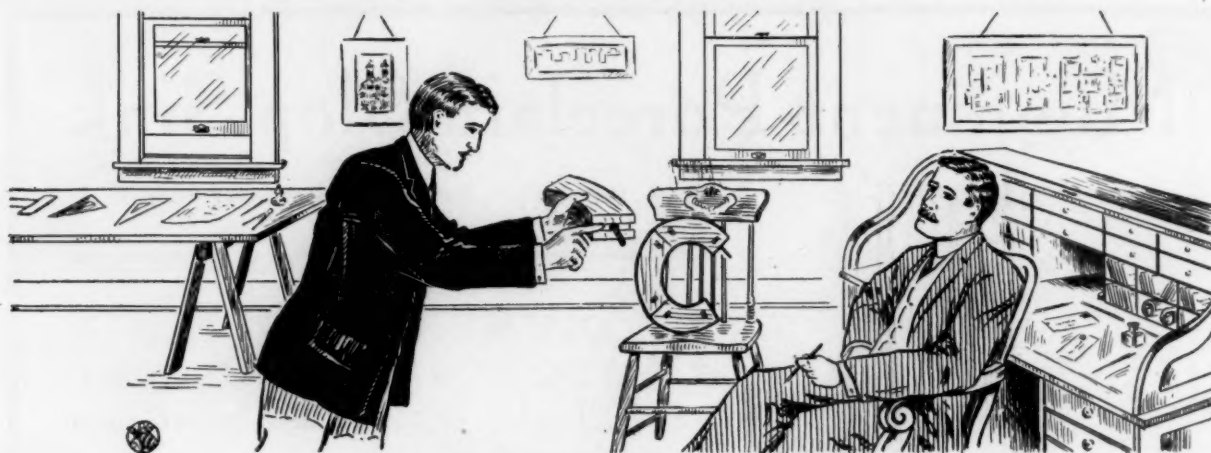
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"The seat with the bolted joints"

Its finish and construction are perfect. Pieces tightly joined with glue, and tongue and groove, and additionally reinforced with

BOLTS, NUTS AND WASHERS

conforms perfectly with the finest bath-room fixtures and retains its handsome appearance indefinitely.



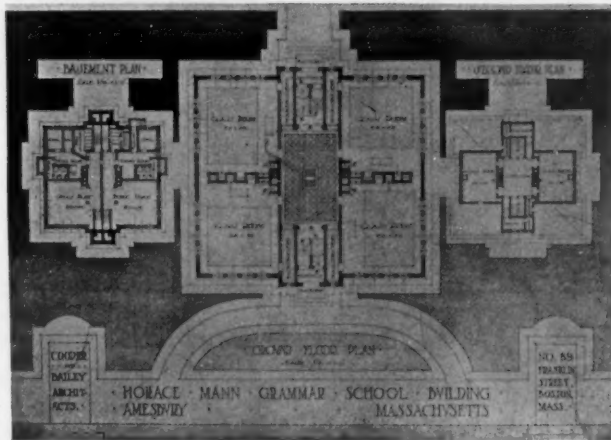
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- 2 July 7, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted a restraining order against the Pope Automatic Merchandising Co., and Clarence R. Pope, forbidding the manufacture and sale of the "Pope Electric Cleaner."
- 3 July 15, 1910: U. S. District Judge Carpenter, sitting in Chicago, after a full day's hearing, denied the motion of the Pope Automatic Merchandising Co., and Clarence R. Pope, to vacate Judge Kohlsaat's restraining order.
- 4 July 20, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, after a full hearing, granted the injunction asked against the Pope Automatic Merchandising Co., and Clarence R. Pope, manufacturers of the "Pope Electric Cleaner."
- 5 July 22, 1910: U. S. District Judge Morris, sitting in Duluth, granted a restraining order against the St. Paul Electric Co., and B. B. Downs, forbidding the manufacture and sale of the "Downs Electric Cleaner."
- 6 July 26, 1910: U. S. District Judge Amidon, sitting in Minneapolis, after a full hearing, granted the injunction asked against the St. Paul Electric Co., and B. B. Downs, manufacturers of the "Downs Electric Cleaner."
- 7 August 3, 1910: U. S. District Judge Denison, sitting in Grand Rapids, granted a restraining order against the Menominee Electric Co., forbidding the manufacture of Suction Cleaners in imitation of the **"RICHMOND"** Suction Cleaner.
- 8 August 16, 1910: U. S. District Judge Sanborn, sitting in Chicago, granted a decree against Streeter Brothers, users of a plant installed by a California company, enjoining the use of that plant because it infringes the Matchette Patent on Automatic Vacuum Control, now owned by the McCrum-Howell Co.
- 9 August 18, 1910: U. S. Circuit Judge Kohlsaat, sitting in Chicago, granted the Pope Automatic Merchandising Co., and Clarence R. Pope, permission to dispose of 1000 cleaners on hand only on condition that a \$20,000 bond be given to protect The McCrum-Howell Co., and that each machine be plainly marked, "Not the Richmond Suction Cleaner manufactured by the McCrum-Howell Co."

The McCrum-Howell Co., at a large expenditure, has brought together, under one control, all of the important Vacuum Cleaning patents.

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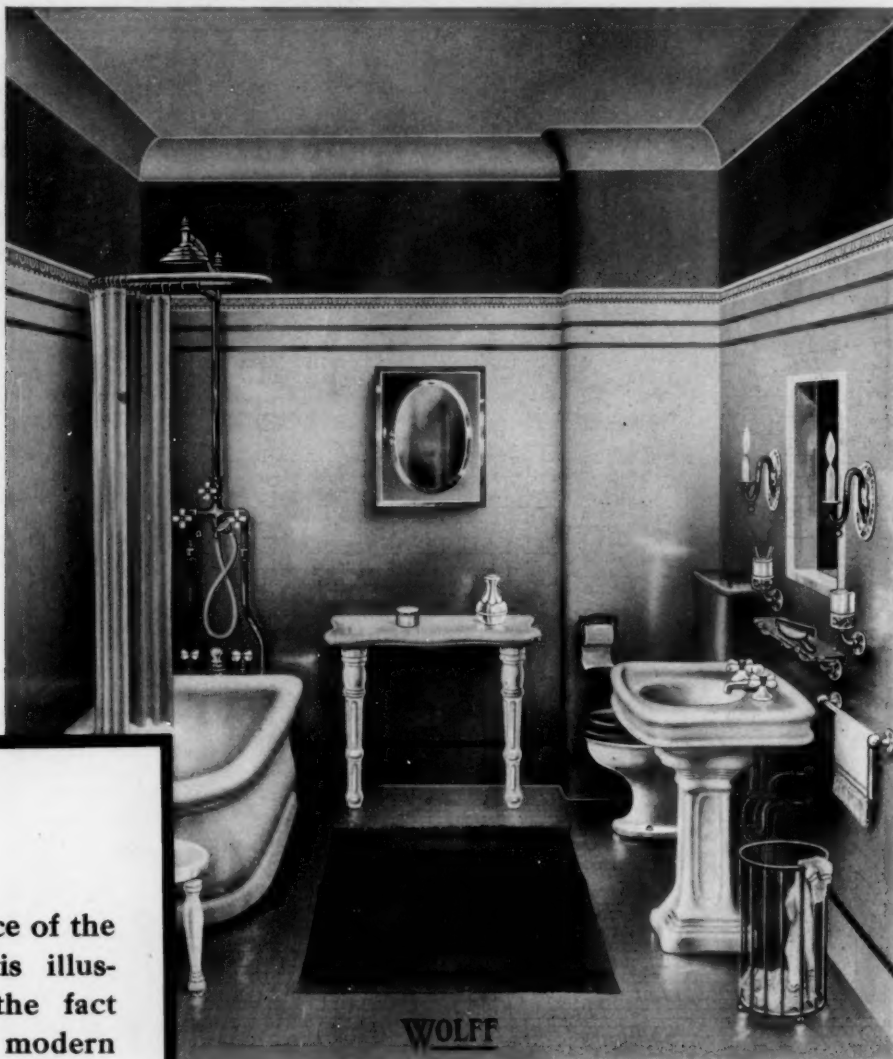
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