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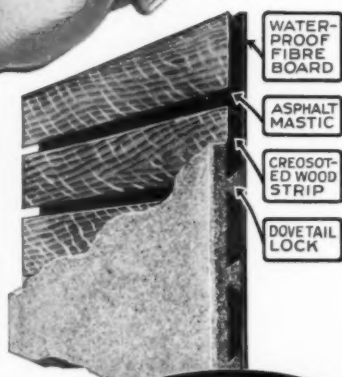
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Des Moines, Iowa
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PALAZZO DEL PODESTA, FLORENCE

THE AMERICAN ARCHITECT

THE AMERICAN ARCHITECT

VOL. CXV

WEDNESDAY, MARCH 26, 1919

NUMBER 2257

Architectural History of a Western Town

By THOMAS E. TALLMADGE, A. I. A.

WHEN one looks over a collection of photographs depicting in sequence the dwellings of any town from decade to decade, from generation to generation, he is inclined to lose faith in his belief in the grand sequence of the styles, that majestic evolution dictated by necessity and reflecting epic changes in national customs and ideals. Instead, one is unpleasantly reminded of Godey's Lady's Book, or of an old photograph album, showing the succeeding and senseless changes in costume and millinery from simplicity to extravagance, from good to bad and from bad to good. Mr. Cram places the end of the orderly procession of the styles between 1820 and 1830. That great march which started on the Acropolis at Athens and has left its monuments through ancient, mediæval and modern times, disappears within the lifetimes of some now living nonagenarians. In other words, architecture made its last stand on the eastern shores of our continent and gave up the ghost in our own Colonial style.

All of the architecture which we are considering lies in the period of architectural anarchy and eclecticism which has prevailed since that ominous decade, as there was no Colonial architecture in the Middle West with the exception of the old French church at Cahokia, Illinois, built earlier than 1750, and a few scattered buildings along the lower Mississippi and New Orleans, built by French settlers. The town we have chosen is typical in many respects, and on account of its culture and wealth is able to present the best examples of those styles (shall we call them fashions?) which have prevailed since 1840. Lying within a few miles of a great metropolis on the shores of a great lake, the site of a university, it has been able to combine wealth, culture and beauty of location to as great an extent as



THE LOG HOUSE. BUILT ABOUT 1840 ON THE NILES ROAD

any other town in the Middle West might do so.

The first houses in this and in any community are the log cabins, built of squared logs with the chinks filled with mud or plaster and covered with a sloping roof. They are of no style and of no time. As the exterior skeleton of the mollusc was a pretty experiment, tried and discarded by nature for the vertebrate idea, so architecture has flirted with the log house from time immemorial, but has gone elsewhere for its grand passions with their majestic consummations. So the log house remains alpha and omega, the same yesterday, today and tomorrow.

Previous to the founding of the university in 1853 there was no town, and the only settlements were scattered farmhouses and inns lying along the old Ridge Road, which stretched north a mile or two west of the shores of the lake. The town was platted out in 1854, and the first railroad built in the same year. Although the population is now in excess of thirty thousand, as late as 1861 it had a

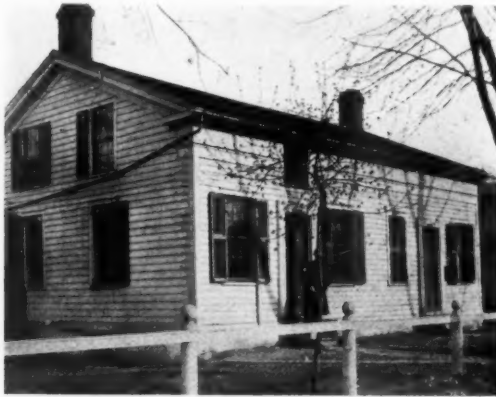
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population of only three hundred. Of the houses built along the old highway, a part are fortunately still standing. These were built before the town was a town and are very good but simple examples of the classic revival. They were evidently built by car-



CLASSIC REVIVAL. THE CRANE HOUSE
BUILT IN 1845

penters who came from the East, and the mouldings all have unmistakable Greek profiles, and were, of course, planed out with hand planes. This was the day of the old-fashioned carpenter shop, when sashes, doors and blinds were run by hand, and pinned and tenoned together. Great pine forests in



THE BUCKEYE TAVERN ON THE OLD STAGE
ROAD. CLASSIC REVIVAL, 1848

close proximity furnished the finest of clear white pine, and the excellent condition of these houses, many of which have been innocent of paint for a generation or more, is eloquent of the conscientious workmanship and good material employed. Exam-

ples of this period are the old Crane house, built in 1854, the Buckeye Tavern in 1849, and the original Methodist Church in 1856.* There was little building during the war, and what little there was still maintained the traditions of the Classic Revival. Immediately after the war, with the revival of building, came new fashions of many varieties. There was the Cottage style, apparently inspired by a style-book issued by Robert Downing, with numerous plans and elevations of cozy cottages. Their principal characteristic is the sharp peaked roof, a vertical outside siding, with the joints covered with battens, narrow porches and narrow windows and narrow hallways. The details are ordinarily Gothic, and the style is, of course, related at least by marriage to the Gothic Revival. A very good



THE OLD ROUND HOUSE. BUILT IN 1836
Wood Siding on Concrete Walls

example is Rest Cottage, the home of Frances Willard, built in 1866.

Exactly contemporary with this fashion was the Mansard Roof style. This fashion is apparently French in its origin, and was used for the houses of the rich. The captains of finance, who made their money in the nearby metropolis, lived in more or less old-time splendor in the adjoining suburb. These

*A curious eddy in the architectural stream is indicated by the old Round House. In 1854 a book was published by Mr. O. S. Fowler called "A Home for All, or The Octagon Mode of Building." This book proved, at least to the satisfaction of the author, that a house of circular or octagonal plan not only had the smallest amount of outside wall space for the area of the enclosed rooms, but also resulted in a building more conveniently arranged and more elegant than the prevailing Cottage or "Doric" style of building, of which he was especially scornful. A number of these octagon houses had been built throughout the country, so Mr. Fowler, who was also an author of numerous works on phrenology, seems to have had a number of disciples. The house in question was built by some theological students in the University, whose chosen profession did not prevent them from filching a cargo of lumber which had been washed ashore from the wreck of a schooner on the Gross Point reefs. The building had various vicissitudes—it was moved once the length of the town, much to the discomfort of the moving contractor, who discovered that the supposedly lumber house was in reality concrete covered with siding. The stairs of these houses were also in a well in the center, which was lighted by a cupola, and the rooms presented an amazing variety of triangles, octagons, and trapeziums. The old building was torn down in 1889.

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THE KIDDER HOUSE

An interesting attempt to elaborate on the simplicity of the classic revival; built in 1856



A MANSARD ROOF HOUSE WITH BOTH GOTHIC AND EASTLAKE DETAILS. BUILT ABOUT 1870



FRENCH INFLUENCE MANSARD ROOF AND CUPOLA BUILT IN 1867



A LARGE HOUSE IN THE COTTAGE STYLE. 1875. IRON CRESTING. VERY TYPICAL



COLLEGE HALL. A FINE EXAMPLE OF VICTORIAN GOTHIC. BUILT IN 1873

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THE GOTHIC COTTAGE STYLE

Rest Cottage, the Home of Frances Willard, Built in 1867

houses were usually built along the old Ridge Road, which had now become an avenue, as the beauties of the lake were either not appreciated or feared on account of the supposed deleterious effects of the lake air. These houses were generally of brick and the stories were extraordinarily high. The hallway was in the center, with a stairway which usually ran in one straight ramp almost to the second floor, where, on the short turn, was placed a niche, in which often stood a plaster statue of Canova's Hebe. Opening off the hall on one side through wide folding doors was the parlor. Behind this was the dining room. On the other side, usually of the same size and relationship, ranged the sitting-room and a large bedroom. Each of these rooms was provided with a marble fireplace carved in a debased rococo style, or else made of slabs incised with Eastlake decoration. Plaster cornices surmounted the wall, and in the center of the ceiling was a huge plaster rosette, from which hung iron chandeliers with their oil lamps. The arrangement of the rooms on the second floor was similar, except that a single bathroom, long, narrow and high, accommodated the household. A rear wing housed the kitchen, back stairs and an anomalous room behind the kitchen, which was part

laundry and part woodshed. The crowning glory of the house was the cupola. This room, never visited except by the children in fear and trembling, was plastered and finished off as the rooms below. Such a house was the Hamline House, which boasts twenty different kinds of wood in its interior finish; it was built in 1867. Of the same period is the Kedzie House, where the detail is Eastlake rather than French. It is possible that some of this work, usually ascribed to the influence of the English Eastlake patterns, was derived from the French neo-Grec, as exploited by Lebruste in the Bibliotheque Sainte-Genevieve.

The first important building of the university was University Hall, built in 1873. This is one of the most important and successful monuments of the Gothic Revival. When it was completed, Frances Willard called it a "poem in stone," and writes that the best models on both sides of the water had been studied. G. P. Randall was the architect. Particularly interesting is the very original and impressive treatment of the tower, evidently influenced by the fashionable cupolas in vogue. Joliet limestone was the material par excellence for stone work, and it was invariably laid up in rock-faced ashler. Its



THE ROMANESQUE REVIVAL, ITS INTERPRETATION IN SHINGLES. BUILT IN 1889
HANDY & CADY, ARCHITECTS

THE AMERICAN ARCHITECT



A QUEEN ANNE HOUSE BUILT 1885

extraordinary self-cleaning property has kept this and other buildings of the same material as new and bright as they were on the day of their completion.

The difficulties of Gothic architecture for domestic use, the desire for the picturesque, and the cheapness of labor and material soon called into being the Queen Anne style. The regularity and sobriety of the Mansard Roof houses gave place to Queen Anne waywardness and eccentricity. Dormer windows, bay windows, balustrades and turrets crowded each other and cried out for recognition on the distracted façade. These were halcyon days for the planing-mill and the jigsaw. Turned and sawed grills, balustrades and traceries formed the ornament. Plate glass windows had come into fashion, and at least one or two huge sheets proclaimed the opulence of the owner. These houses were invariably badly arranged; the stairways occupied a niche off the hall and reached the second floor after several turns; yellow oak became popular as trim, and hardwood floors replaced the pine painted boards of earlier days; corner fireplaces became fashionable, and these were made of several shelves and stories provided with little railings and niches and faced with variegated tiles. Cornices largely departed, and the fashion of dropping the picture moulding and leaving a frieze above prevailed. This frieze was highly decorated in fresco, or with a differ-

ent style of wall paper from the wall below. European travel had become popular, and alabaster replicas of the Leaning Tower of Pisa and bisque busts ornamented the mantelpieces and whatnots, and a colored photograph of the Taj Mahal, invariably referred to as the most beautiful building in the world, hung on the wall.

Finally, about 1885, the ripples of a great movement in the direction of good taste, initiated by H. H. Richardson, reached the Middle West. Burnham and Root in Chicago were building such splendid examples of the Romanesque as the old Art Institute and the Rookery Building, and their attempts to translate the style into wood and adapt it for domestic purposes were most interesting. The Fuller House, hooted

at by the proud owners of Queen Anne mansions at the time of its erection, was fairly revolutionizing in its effect. Of the same period and style is the Eliot House, a beautiful example of Romanesque, worked out in shingles with the picturesque features of the Queen Anne without any of its barbarisms.

In 1893 came the World's Fair. Although it was a noble exemplar of good taste and correct architecture, yet it undoubtedly killed a certain amount of romance and native Americanism which had existed in the good and bad houses of previous periods.



A QUEEN ANNE INTERIOR

THE AMERICAN ARCHITECT



THE CHICAGO SCHOOL. AN EXAMPLE OF RATIONAL DESIGN

The nearest available style which employed the Orders was, of course, the Colonial, and a Colonial Revival ensued. Most of these Colonial houses, built in the late nineties, were Colonial, however, only in their employment of the Orders. A true appreciation of the spirit of Colonial architecture did not exist in any of them, and many of the shortcomings of the Queen Anne style, as far as interior finish and decoration are concerned, persisted.

By 1900 the accomplished eclecticism, initiated through the outpouring of the graduates of our architectural schools and through the dissemination of excellent periodicals on house building and good taste, had made itself felt with full force on our Middle West town. In addition to the styles practiced in the East, such as Elizabethan, Georgian and the 57 varieties of the Renaissance styles of France and Italy, we added our local school, owing its life to the Transportation Building by Louis Sullivan at the World's Fair. The house by Burley Griffin, Sullivanesque, translated through the example of Frank Lloyd Wright, the great Patten House by George Maher, and the Condict House belong to the local school, and are perhaps forerunners of a more truly national expression. A new revival in Colonial architecture also made its appearance. Now the Georgian and Colonial styles were treated with discernment and

understanding. Full-fledged and accomplished eclecticism now prevailed.

The introduction of expanded metal lath and the rising cost of dressed lumber made stucco, or a rough cast cement finish for exterior work, cheap and desirable, and this, together with the arrival of an English architect, made the English half timber Elizabethan style very popular. Very soon houses of all styles and of various vintages began to wrap about themselves white mantles of lath and cement—white, also, no longer, as the increasing use of soft coal has transformed their snowy vestments to a degree of drab and dinginess greater than their pristine condition.

Architects and owners soon turned the guns of their improving taste on the design and furnishings of the interior. No longer would baseboard and picture moulding with a plate-rail in the dining-room suffice for the downstairs rooms. The next step was the wainscot and beamed ceiling treatment. The panels of the wainscot were often of burlap, and the imitation wooden beams performed prodigies of strength in supporting nothing but themselves. The walls were covered with burlap or grass cloth, and the woodwork was usually stained, birch mahogany being a favorite. The popularity of the Colonial swung the style back to painted woodwork and to wall papers again. Everything



THE CHICAGO SCHOOL. BUILT IN 1913. SHOWS SLIGHT ITALIAN INFLUENCE

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A HOUSE BY BURNHAM & ROOT. ROMAN-
ESQUE REVIVAL. 1887



THE CHICAGO SCHOOLHOUSE SHOWING IN-
FLUENCE OF FRANK LLOYD WRIGHT



THE WORLD'S FAIR PERIOD. PSEUDO-
COLONIAL. BUILT ABOUT 1894



"EASTLAKE HOUSE"

Built in 1877 and known at the time as an example of
pure Eastlake



AN ELIZABETHAN HOUSE BUILT ABOUT 1895
ERNEST MAYO, ARCHITECT

The introduction of metal lath and stucco made this style
very popular



THE CHICAGO SCHOOL. A GREAT HOUSE FOR
A CAPTAIN OF INDUSTRY. BUILT IN 1900
GEORGE W. MAHER, ARCHITECT

THE AMERICAN ARCHITECT



THE FIRST OF THE CHURCHES

The Methodist church built in the classic revival in 1856

must be white or ivory, and the furniture mahogany; the walls were now crowned with carefully profiled cornices; gay cretonnes hung at the windows, and silk shades softened the electric candles on the wall.

Gradually the present mode is swinging away from the well-loved, if somewhat saccharine, beauties of the Colonial. Now walls are covered with muslin and are panelled; and walls and woodwork



First M. E. Church

MODERN GOTHIC. THE METHODIST CHURCH
BUILT IN 1910



VICTORIAN GOTHIC
Its Successor Built in 1871



ADVANCED ECLECTICISM GEORGIAN
BUILT IN 1915

are painted together in soft colors; chandeliers are with us again, often in softly colored or rusted iron; breakfast porches essay daring combinations of purple, green and blue, in painted furniture and hangings; and now the smartest of our house furnishers are haunting the ruins of old dormer roofers in the hope of snatching from oblivion some forlorn marble mantelpiece with its rococo mouldings or its Eastlake ornament, to resurrect it in the glory of the fashion of today.

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About 1900, like the camel that poked its nose into the Arab's tent, the first flat building appeared. Slowly at first, and then with the rapidity of a contagion, these buildings sprang up, most of them designed by contractors and built by promoters from the nearby metropolis, perfectly willing to exploit and defile the peaceful and beautiful village, whose greatest treasures were its sunlit lawns, its arching

the home dwellers have been safeguarded and the camel, if not kicked out of the tent, at least denied further entrance by the enraged Bedouin.



AN APARTMENT BUILDING BY MYRON HUNT
Built in thoughtful relationship to its surroundings and carefully studied in design

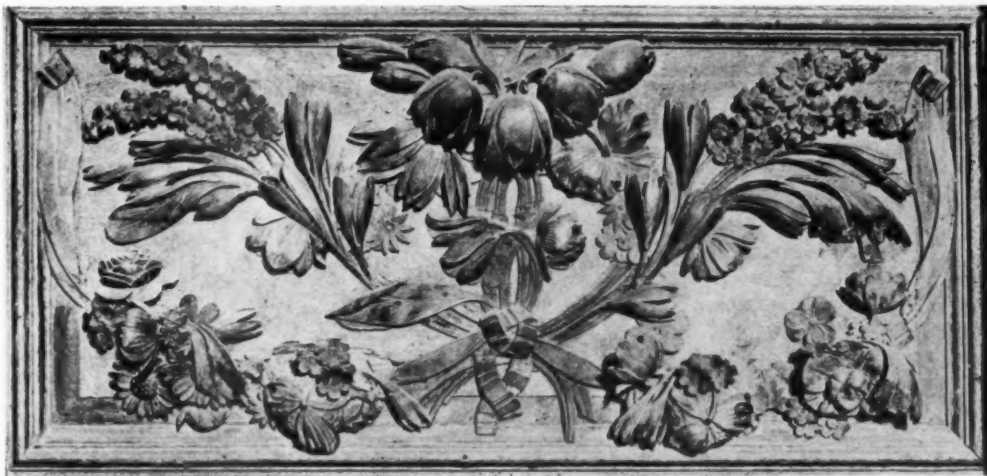


AN APARTMENT BUILDING IN THE HEART OF
THE RESIDENCE DISTRICT

Equally oblivious to the rights of neighbors and to the principles of good design

elms and its hospitable homes. Let it be known by other towns suffering under the same menace that the community finally awoke, and through the extensions of the police ordinances and building laws

In other than domestic architecture our mid-Western town is in no degree notable, if we except its churches. Here we run the same gamut of the styles from the early Classic Revival frame building of the fifties, through the Carpenter Gothic or Queen Anne of the seventies, down to the Gothic Revival of the last decade, of which be it said that it is the most encouraging, the most consistent, and the noblest tendency in American architecture since the ill-starred Romanesque Revival of Richardson.



Recent Legal Decisions

CONNECTING OWNER WITH WORK CONTRACTED FOR WITH GENERAL CONTRACTOR

In an action to recover a balance alleged to be due for work done on the defendant's buildings at the defendant's request, the trial court dismissed the complaint on the ground that the plaintiff had failed to show any connection of the defendant with the work done, and that one of the plaintiff's witnesses had testified that the plaintiff had not performed the contract. This was reversed by the New York Appellate Division for the following reasons: The evidence showed that the plaintiff's work was begun pursuant to a contract made in the names of plaintiff and another with S. & B., contractors; that no other contractor was substituted for S. & B.; that the work was performed in the improvement of the defendant's property; that the defendant's supervising architect superintended the work and made reports thereon to the defendant; and that all payments, except the last one to recover which the action was brought, were made to the plaintiff by the defendant's checks. It was held that it was not essential to the plaintiff's cause of action that he should prove an express agreement with the defendant, substituting the defendant for S. & B. contractors, or undertake to pay the plaintiff for his services. No such contract was pleaded, and the evidence given was sufficient to put the defendant to its proofs. The plaintiff was not concluded by the testimony of his witness contradictory of his own; but a question of credibility for the trial judge was presented.—*Nerenberg v. Bronx Shore Park Dev. Co.* 172 N. Y. Supp. 507.

CONTRACT OF SALE OF REINFORCED STEEL

In an action to foreclose a lien on account of reinforcing diagrams and steel furnished in changing a building from mill construction to a fire-proof building with reinforced concrete floors, the defense was false representations as to the amount of steel to be furnished for the contract price, as to the time of delivery, and failure to deliver as agreed. The contract was not to furnish a definite quantity of steel, but all that was required. Thirty-nine tons were necessary, while the contract estimated it would be fifty tons. It was held the buyers could not avoid payment by setting up misrepresentations as to amount. The written contract could not be varied by parol evidence of prior representations or agreements as to the time of delivery. The reinforcing steel was ordered from stock, not mill shipments, and the material was

furnished within a reasonable time. It was held that the buyers could not complain that mill shipments were made, although the jobbing company, not a manufacturer, from which the seller procured the steel itself, procured a small part from the mill.—*Wheeler v. Pitwood, Washington Supreme Court*, 175 Pac. 289.

EXTENSION OF TIME FOR FILING LIENS

Where work or material is, in good faith, furnished at the request and with the knowledge of the owner, to remedy defects in the original work, and not done for the purpose of reviving a lien which had been lost, this is sufficient to establish a new period from which the time for filing notice or claim of a lien is to be computed. But where the subcontractor fails to file his lien for material and labor furnished to the contractor within the statutory time, though the owners declare a default as to the general contractor and complete the building themselves, the furnishing to them of material and labor by the subcontractor, not for repair work done in connection with the original contract of the contractor, will not extend the time for filing a lien for the material and labor furnished under the original contract.—*Decatur Bridge Co. v. Standart*, 208 Ill. App. 592.

AGENT OR INDEPENDENT CONTRACTOR?

Action was brought against an owner and his contractors for the collapse of the plaintiffs' building, where the party wall owned by them and the defendant owner collapsed when its foundation was being replaced by the defendant contractors. Judgment against the defendant owner alone was affirmed on his appeal for the reason that the contractors were, under the circumstances, merely the defendant owner's agents and not independent contractors. The work done by them was performed under a written contract by which they undertook to "superintend" and "direct" the work of wrecking an old building and constructing a new one on the site; while they were given authority to employ all necessary labor and procure all necessary materials for the performance of this work, all such doings and expenditures were to be reported, with proper vouchers, to the owner every week, and he bound himself to pay promptly the expenses thus incurred, and repay any advances made by them on his behalf, together with an agreed compensation for their services. Being the owner's employees or agents, he was liable for their negligence.—*Wright v. Goldheim, Iowa Supreme Court*, 169 N. W. 343.

Improvement of Farm Buildings and the Country-Side

By GEORGE W. MAHER, F. A. I. A.

THE movement so ably presented and championed by *THE AMERICAN ARCHITECT* for the improvement in plan and design of farm buildings and their immediate surroundings is bringing forth results of a most commendable and gratifying nature.

The encouraging responses received from Governors of many States, published in the December 4 issue of *THE AMERICAN ARCHITECT*, and the interesting letters published March 12 from many and widely separated State Agricultural Colleges and Institutes throughout the length and breadth of this country, testify most eloquently to the actual and immediate need of constructive methods to solve the farm building problem for the purpose of bringing order and beauty out of what now appears a depressing and chaotic situation.

There are many reasons of gravest import, why the light of intelligence and understanding should be brought to bear on this great issue. It is not a local problem affecting any one particular section of America; with rare exceptions the farm building situation is the same all over; the lack of order and of appropriate architectural design in farm buildings is general throughout the country.

The country-side as a whole is sadly deficient in taste and attractiveness so far as the work of man is concerned, and if it were not for the rare beauty of bountiful nature, the sweep of the open and the sky, the valleys and hills, the forest and the broad fields, there would be little to attract or inspire the beholder.

It is obvious that our civilization founded on the democratic ideal should progress in such an orderly manner that all phases of society, of life and habitation should co-relate and progress harmoniously so far as is practical and possible for the common good of all.

Although the city and the country will always portray in their respective developments certain inevitable differentiations inspired by conditions and environment, yet the art and architecture of the city and country should relate in respect to established standards of harmony and beauty and move apace so as to appeal to all people alike irrespective of place of residence or habitation. This phase of orderly development did occur to a limited extent in the early history of our country, notably in the Colonial Period. Country mansions and surround-

ings erected by the prosperous and educated farmers and planters vied in taste and attractiveness with city mansions of the same period, and thus in these country and rural districts the people were distinctive and cultured, in fact were a people as a class who exercised a tremendous influence in the proper and rational development of this country, such as our illustrious first president, George Washington, and many others well known in early American history. These old homesteads are still in evidence and are revered to this day as fine examples of American rural domestic architecture.

The lack of attractive farm houses and surroundings in our present day has been generally recognized and earnest efforts have been made with more or less success by those interested in improving the situation. It seems, however, that the results obtained have not been so satisfactory as the importance of the situation demands. General publicity has been given to the subject in many of our widely circulated magazines, and various designs of merit have been proposed at reasonable costs for the use of the farming and agricultural classes. Although the results so far apparent do not indicate that the right or consistent method has yet been evolved to reach the issue fundamentally for permanent nationwide progress, yet there is no doubt that the general publicity already given has been of great value in preparing the country for the next advance forward in order to achieve the desired end.

It would seem that our State Universities are the great mediums through which to carry on in a practical and constructive way the orderly improvement of farm buildings. A careful perusal of letters received from those in authority in these State Institutions clearly indicates this fact since they are in close touch with the situation and in accord with the desired results to be accomplished. It is they who recognize clearly the need of a state and national movement to assist the farming classes.

The State Universities supported directly by the people have the principle of organization at hand for carrying the work forward vigorously and consistently through the years.

What seems necessary at the present moment is to bring our representatives and legislators to an appreciation of the importance of this movement and through them provide ways and means properly to perform the work in our State Universities.

THE AMERICAN ARCHITECT

For this reason it seems advisable that special State Commissions be created for this technical work, whose functions shall be to investigate all the problems affecting the farm building situation, and to prepare careful and exhaustive surveys of the exact situation.

This survey shall also discuss all that pertains to the beautifying of the country-side, such as the need for well designed bridges to be erected over the many brooks and streams in connection with the great road building propaganda now inaugurated and for which millions of dollars have been appropriated.

Such a commission could link with its survey all that pertains to the road details so necessary to aid their attractiveness, such as permanent and artistic sign posts, proposed monuments and fountains, school buildings and churches, and small country parks in connection with country hamlets. These features of beautification should all be brought into a proper correlation with the farm building proper as being a part of and affecting the great problem of the general betterment of the country-side.

Such a report or survey should be given the widest publicity to form a basis for State Legislation in order to provide the financial means of solving the present conditions, especially intolerable in the country, and commencing the new reconstruction era now upon us in America in a way that will be of lasting value to the entire people.

The farmer and farming class left entirely to themselves can make little progress in the direction indicated, the assistance must come through those same sources of inspiration and of knowledge which teach scientific methods of agriculture and which have achieved such distinct success in this country.

Building is a science as well as an art and must be taught systematically and with understanding. The agricultural colleges should be fully equipped for this purpose since they are close to and in sympathy with the farming classes and understand their needs. Men of vision and sound architectural training, who are in full accord with the farming classes and understand the problems affecting the farm, should be employed in the curriculum.

There can be little doubt that if the country-side can be provided with improvements of a type that

lend beauty and attractiveness in color, design and architecture, linked with all of the modern accessions that inevitably accompany orderliness of plan and procedure, the perplexing problem now presented to the nation of encouraging the farming classes and children to stay on the farm and homesteads is a long way toward being permanently solved. It resolves itself upon all of those in authority most interested in the welfare of the country and the beautifying of the environment of the farming classes to bring about this most desired result.

Proposed Victory Building at Springfield, Mass.

ALBERT WINSLOW COBB, *Architect*, and ALBERT H. LAVELLE, *Consulting Architect*.

A Victory federal building is proposed by the Citizens' Improvement League of Springfield, Mass., for housing the post-office, custom house, Federal Land Bank and Federal District Court, with various supplementary offices. Albert Winslow Cobb with Albert H. Lavelle consulting, are the architects of the accompanying design of the memorial. It would be 230 feet long and 174 feet wide, and constructed of light stone.

The design of the building includes a war memorial symbolic of the heroic victory achieved by our gallant forces in the world war. This memorial feature is in the grand stairway and forehall of the Federal Court where naturalizations will be held, thus constituting an appeal to patriotism for new-made citizens. Internally and externally the dome, a concept recommended by the postmaster for dignity of effect, crowns all.

The principal façade also has panel titles of battles in which the 104th Massachusetts regiment engaged—Belleau Wood, Chateau-Thierry, St. Mihiel, Argonne and Alsace-Lorraine. It provides for medallions of the three chief war presidents of the nation. The committee believes a building of this design for federal purposes is befitting Springfield's dignity as represented by her municipal and commercial structures.

Is the Cost of Construction High?

The Government's Policy in Stimulating War Production and Curtailing Non-War Production, As Affecting the Difference Between the Cost of Labor and Materials in the Building Industry and Labor and Material Costs in General, Interestingly Traced in the Following Résumé of Conditions by the Division of Public Works and Construction Development, U. S. Department of Labor.

DURING the war about one-third of the country's industrial capacity, including man power, was diverted to war production. To bring about this great diversion of industry two means were employed: stimulation and curtailment. Stimulation was practiced throughout the war and affected the prices of materials and the wages of labor because Government contracts were awarded on a basis which permitted contractors to compete successfully with non-war manufacturers for materials and labor.

Curtailment was not important until early in 1918 except for the orders of the Fuel Administration and the Railroad Administration for the purpose of conserving fuel and transportation, and certain priority orders.

But in a statement of February 5, 1918, Secretary McAdoo requested that homes should not be built except in case of urgent necessity. The statement contained by implication the premises on which the radical curtailment of the building industry was later carried out, i. e.: (1) that conservation of materials, labor and credit was necessary in order to win the war and (2) that the conservation must take place in those industries that were not essential, or only in part essential, to the winning of the war. Some time after the publication of Secretary McAdoo's statement, the policy of seriously curtailing non-war production was put into effect. Eventually the production of sixteen building materials was cut down 25 to 60 per cent. Non-war construction was greatly restricted until it was almost completely stopped from September 3, 1918, until the armistice was signed. It was estimated by the Chief of the Building Materials Section of the War Industries Board that the non-war construction in 1919 would be not more than 10 per cent of normal. This estimate indicates how great the diversion of labor and capital from the construction industry had been.

The stimulation of war industry and the curtailment of non-war industry was mainly carried out directly or indirectly by the Capital Issues Committee, the War Industries Board, and the War Labor Administration. Not only were prices of building materials affected by the stimulation of war industries, but in many cases also by direct price fixing. The same was true of the wages of labor. The power of the Government was exercised toward the lowering of prices of materials and the

wages of labor in non-war industries in order to prevent labor and material from being drawn away from the war industries.

This brief sketch of the Government's policy in stimulating war production and curtailing non-war production explains the difference between the cost of labor and of materials in the building industry and the cost of labor and of materials in general which was found to exist at the close of the war.

At the close of the war the index number of building materials, not including steel, had risen only 61 per cent over the pre-war prices of 1913, while the index number for commodities, exclusive of building materials, had risen 113 per cent. The average increase of wages in the construction industry in forty-one leading cities from 1914-1918 was only 28.5 per cent as against a rise of 94 per cent in commodities. When the armistice came, there was, of course, a great volume of deferred construction projects, partly in the form of public works, partly in the form of semi-public utilities, partly in the form of housing and of commercial and industrial buildings. This volume of deferred construction represented in large part the curtailment of non-war production which had resulted from the diversion of one-third of the Nation's industrial capacity to war production.

Fortunately the return of peace did not mean the complete, abrupt end of war production, yet it threatened serious unemployment. In order to minimize unemployment during the period of economic readjustment, the Government promptly removed the restrictions which it had imposed upon the construction industry. There probably never was a time when broadly speaking optimism as regards industry was better justified or meant more to the country than at present. It is distinctly encouraging to the construction industry to note that optimism—reasoned optimism—is most emphatic in the literature published by the leading banks of national reputation, compiled for them by trained investigators.

Evidence of a helpful attitude on the part of banks toward real estate is not wanting. In the great borough of Manhattan, in New York City, mortgages aggregating \$8,500,000 in value were extended (renewed) in January of this year, as against \$2,600,000 in January of last year. That is to say, the banks and insurance companies are not

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now, as they were a year ago, calling upon real estate borrowers to pay off loans in whole or in part.

Furthermore, 13,500 building permits were issued in 152 cities this January as against 9600 permits a year ago. The average value of the January permits this year was \$1,700, compared with \$2,800 in January, 1918. A year ago, it will be remembered, the Government was building extensively, and, besides many factories were being erected for war production. Fifty-four per cent of the cities showed gains in building this January over the preceding January. It is to be noted also that January, 1919, gained over December, 1918, although building permits are normally fewer in January than in December. The significance of these building figures is that there is a tendency to build extensions, to make structural repairs, and to erect inexpensive buildings, including particularly housing. The figures bear the characteristics one looks for at the beginning of a revival of the building industry.

It takes time for private building to get under way, and still longer for public works to get started in volume. However, the reports received from state, county and municipal officials justify the belief that an exceptional amount of public construction will be undertaken this year.

The turning of the tide in the construction industry that we have all been looking for since the armistice has unquestionably come. However, there are still obstacles in the way of its rise to normal. The most important of these is the high cost of construction as compared with the pre-war period. Not a few bankers and investors decline to consider a building project to-day merely because of the high cost of construction. Those who take this attitude do not generally stop to analyze the high cost of construction which alarms them so.

Although construction costs are higher now than in 1913, the union wage scales in the building industry have not advanced as rapidly as have the cost of living, while building material prices are not as high as are commodity prices. Wage increases in the construction industry, speaking generally, lagged behind because that industry was utilized to only a small degree in war production. The level at which the cost of construction stands to-day has been pushed up only slightly by temporary war conditions. It has been fixed mainly by conditions that can not be materially changed for years to come—by the tremendous expansion of money and credit.

During the war the volume of money and credit increased far more rapidly than the volume of industry and commerce; hence prices rose. But expansion of credit through Government loans is a world-wide condition which must hold up prices

everywhere until the Government debts are largely discharged.

The fact is that the cost of construction is not high today. It is low compared with food, clothing and commodities in general. It is high only in comparison with its own pre-war level. Commodity prices will undoubtedly recede because food and clothing and many other things were affected by special war conditions, for example, scarcity of transportation which prevented shipments from distant countries to the Allies. But they can not fall to the pre-war level.

But, although some readjustments in the wages of individual trades and in the prices of individual classes of building materials may take place, the cost of construction will not come down to such an extent as to endanger a judicious investment made today in the erection of a new building. Where the rents offered will show a fair net return on the cost today of a new building after deducting a reasonable sinking fund allowance, no one should hesitate to build or to lend money for building.

Rents are determined by supply and demand. In the case of housing, during the early part of the war, the demand was curtailed by the rapid advance in commodity prices, which impelled many tenants to crowd into or get along with less space than their normal standard of living required, and by the drafting of the young men of military age. With a year, however, these influences had spent their force. By the end of 1919, according to the replies obtained from a questionnaire sent to real estate boards in 91 cities, only four of these cities had a housing demand that was below normal, while in 52 cities rents had advanced 10 per cent or more, in some instances 40 per cent to 50 per cent. This rise in rents took place at a time when the population at home was as economical of house room as possible and while several millions of soldiers were absent in the service.

Another important fact was disclosed by the replies to the questionnaire, namely, that despite rising rents for housing in the majority of the 91 cities, the market values of house sites had declined in six cities, and had remained practically stationary in 72. The market value of land is, like rents, determined by the interplay of supply and demand. During the war the demand for city land was relatively small, because dealing in real estate was discouraged by the banks as a non-war activity requiring the use of credit. With a restoration of easier mortgage loan conditions, the demand for real estate will inevitably increase; nothing can seem more certain than that in our growing Ameri-

(Concluded on page 459)

THE AMERICAN ARCHITECT

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The Conflict Between Pure Design and Fitness

A LETTER, recently published in THE AMERICAN ARCHITECT, calls attention to the art of planning in the following words:

"There is bound up in the daily practice of architectural design an art so subtle that few laymen realize its existence, and few architects themselves accord it a position which its importance should demand. Its practice is based upon information of such an exact nature that it might almost claim a place among the sciences as well as among the arts. We refer to the art of planning."

There is always the inevitable conflict between what is known as pure design and fitness of design. A building constructed on the basis of pure design may fulfill all of the sensuous demands of the most cultivated taste and still be a failure as a building for human use. The elements that constitute fitness are capable of being segregated into two distinct groups, the aesthetic or sentimental and the practical or utilitarian. Both are essential, but the degree of their influence is fixed by the use of the structure.

To combine both elements in the correct proportion is the true test of architectural efficiency and this is the case regardless of the character of the

building. The problem is involved as much in the designing of the industrial building as in the monumental building. As stated by our correspondent, the basis of all correct design is correct planning, to which the enclosing structure must be applied. This envelope must satisfy, as far as the circumstances permit, the aesthetic needs of the community. The true test of architectural ability is to combine these two elements in a perfect relation to each other without a servile copying of any existing structure. To do this is difficult and requires a great expenditure of real work and imaginative energy.

In this issue of THE AMERICAN ARCHITECT in the Department of Architectural Engineering is a happy illustration of a proper and satisfactory balance of good planning and designing which was accomplished by applying the idea of "fitness to function." Every demand of utility with correct architectural expression has been fulfilled.

The Post-War Program

RELATION OF THE INSTITUTE TO OTHER
PROFESSIONAL SOCIETIES

WHEN, during the course of a series of interesting impromptu remarks, printed in our issue of Feb. 12, D. Knickerbacker Boyd at the last convention of the Institute stated that architects owed a reciprocal obligation to other societies, he struck the nail squarely on the head.

Mr. Boyd directed attention to the fact that various departments of the Government and many organizations throughout the country are performing valuable services to architects by issuing publications of great interest to their profession. He very pertinently asks, what can architects do to reciprocate this obligation?

If it is claimed that architects are affiliated with many of these organizations and are therefore indirectly participating in this work, it may be bluntly stated that such a statement is not fact. But if it is assumed that architects are indirectly co-operating with other societies, is it not pertinent to inquire why they are not through their own organization rendering in part a service that they find so valuable when given by others?

If the Institute either through its Board of Directors or its State Chapters fails to give publicity to discussions and investigations of problems that are of vital interest to other professions, may it not be asked if they are not neglecting a most important service? To be sure, we have at each convention many carefully prepared reports, most of them of a valuable nature. What becomes of these aside from the printing in the *Journal*? Are they sent to allied societies, are they circulated

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among the architectural press and that of the arts and crafts allied to architecture? It is easy to recall many reports during the past few years that if widely distributed would have had far-reaching influence in acquainting the general public as to just what the practice of architecture represents.

PARTICIPATION in the activities of other related organizations is not so general among architects as it should be. Does not every architect reap substantial benefit from the work of the American Society for Testing Materials? Mr. Boyd states he found but three architects to be members of that society. Again, the National Fire Protection Association has through its efficient organization and a campaign of education sent broadcast at considerable expense material help for every architect in the country. Mr. Boyd directs attention to the fact that a recent report of a committee on fireproof construction states that it had been prepared in collaboration with representatives from eleven important organizations, but he fails to find in the list the American Institute of Architects.

These instances are cited as indicating the seeming apathy of the profession of architecture toward questions, investigations and propaganda in which they should be active.

IF the profession of architecture as an organized body is to become as virile as other societies with which it necessarily comes in contact it must pursue the same methods as do those societies, none of which are in the least moribund. Architects must not be content in a self-satisfied observation of their own particular field. They have a reciprocal obligation. They must realize this, pay the debt they owe, and by this very straightforward course assume the station among the ranks of men to which they are by education and practice so eminently qualified.

These important matters will undoubtedly receive careful consideration by the Post-War Committee. To give it such attention and enable it to arrive at a correct conclusion it should be placed in possession of the views of men in practice.

The more the program of the Post-War Committee is studied the more one becomes impressed with the importance and the comprehensive manner of its framing. But the essence of success lies wholly in co-operation, and it will be unfortunate if there is a disposition toward apathy in this direction that will jeopardize the attainment of a high purpose.

CONSIDERING the relationship of the American Institute of Architects to the profession as a whole (Subject C of the Program), and including with it an analysis of the purpose of a professional organization (paragraph d of Subject D) numerous illuminating things will be discovered, and on these there no doubt will be many and diverse opinions. As the desirability of a controlling organization in the profession is conceded, only the method of organization and its administration as representing the profession needs to be discussed.

Just what the relationship of the Institute to the whole profession should be can be stated in one word: representative. Not representative solely of Institute membership, but of architects in good standing everywhere in the United States irrespective of affiliation. Having assumed this representative function, the Institute will necessarily be expected to fulfill all of the obligations which such assumption imposes. It will have to be democratized, become aggressively practical, and it must by its every act show to the world at large that architecture is always an essential profession. It may subordinate, and in some instances entirely ignore many things upon which in the past it has placed emphasis. It might, for example, amend and considerably condense the Circular of Advice and Canons of Ethics, acting on the assumption that many of the present provisions in these documents on which so much time has been wasted, are unnecessary in a professional code of to-day.

Then there is the all important question of the State Societies and their relation to the Institute. Why not a special committee on State Societies with a view to their organization in all the states, their federation and the determination of their exact relation to the Institute?

Shall we concede any of our nationalism if we enter into a league with our professional brethren in Europe? Will it not make for a broader and a higher plane of professional practice if our relationship with the men abroad becomes more definitely practical than at present? Would it be advantageous to invite representatives from societies in Europe to attend our conventions and arrange on our own part for a representation of the Institute at the meetings in Europe?

We recall with considerable pride the very flattering reception accorded in England and France to representative American architects who have visited these countries and addressed their meetings. Could we not with advantage arrange for a continuation of this desirable custom?

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Cost of Construction

(Continued from page 456)

can cities the market value of land must advance briskly.

A judicious investment in the erection of a new building does not depend solely on the cost of con-

struction. It may well happen that the man who buys a lot today and builds on it a house the cost of which is not greatly out of proportion to the cost of the land will be better off a year from now than he would be if he had left his money in the savings banks in the meantime. City land at present is least inflated of all material wealth.

Financial and Commercial Digest

As Affecting the Practice of Architecture

Financing Building in Southern California

That prospects for the early construction of new buildings of all classes in southern California are excellent is the opinion of Harry Lee Martin, vice-president of the Mortgage Guarantee Company, of Los Angeles, Cal., who declares in a letter to *THE AMERICAN ARCHITECT* that the situation is "healthy and altogether satisfactory."

"While the problem in southern California takes a special form, and is affected by conditions that probably do not prevail elsewhere," writes Mr. Martin, "the financing of the building in this territory will be comparatively easy. It appears that building and loan associations, mortgage companies and private individuals are able and ready to make whatever loans are offered on a sound basis; that is to say, to make any and all loans that are not excessive."

"It is evident, however, that building operations will be curtailed to an appreciable extent by reason of the fact that costs of building material and building are still high. People generally expect a great reduction in prices, but there are some well qualified to judge who believe that the cost of material, both wood and metal, will not be appreciably reduced for quite a while. The situation is healthy and altogether satisfactory, with an evident readiness on every hand to start new buildings of all classes."

Building Operations Show Gain

A substantial increase in building operations is shown in reports from various cities for the first time since January, 1917, a gain of 24.2 per cent in February over the same month a year ago being recorded by *Bradstreet's*. In New York alone

the gain over February last year was 90 per cent. One of the larger metropolitan construction companies, now doing the largest business in its history, has orders on its books totalling approximately \$75,000,000, compared with \$41,000,000 at this time last year.

Reduced Wages and Building Resumption

That a reduced wage scale is not an indispensable preliminary to resumption of activity in the building trades is the opinion of Morton C. Tuttle, just retired as production manager for the United States Emergency Fleet Corporation. Mr. Tuttle bases his judgment on some very recent investigations of large construction enterprises located at various points from New England to Florida. These unmistakably indicate that increased efficiency of labor is bringing down costs even while wages remain at existing altitudes.

"In the course of viewing numerous undertakings more or less closely associated with interests of the Government," says Mr. Tuttle, "I have lately been impressed to find the statement commonly made that costs of operation are beginning to show a noticeable decline. And this, almost without exception, was attributed to increased efficiency of the labor force, due in part to the opportunity for weeding out the less dependable workers, in part to the growing desire of all members of the force to retain their jobs."

"Owing to inadequate or otherwise unsatisfactory cost systems maintained in connection with most of these undertakings, I found it impossible fully to check the statement by actual figures. Accordingly, I made out the cost of one process in an operation continued over a period of several weeks."

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That which I selected was a piece of concrete work; the costs studied were those for the common labor employed on this work from January 7 to February 4 of the present year inclusive. During this period the wage scale remained unaltered; but the personnel of the labor force underwent frequent changes.

"A graph of the labor costs of the work during the period noted shows a sharp and almost undeviating decline from day to day. On February 4 these costs were exactly 50 per cent less per unit than were those of January 7. It is my belief that in almost any labor force there lies the opportunity of realizing economies ranging from 20 to 50 per cent without interfering with the wage scale.

"This implies, of course, that there is now increased opportunity for selecting men according to their suitability for a given task, and an increased eagerness on the part of the men to make good. But this is as it should be; and the whole country ought soon to feel the effect of it in general improvement at all points. It is a case of supplanting so-called liquidation of labor by proper adaptation of labor as a means of keeping the cost of doing things within the bounds of utility.

Iron Ore Production in United States in 1918

Statistics and estimates of the production of iron ore in 1918, compiled under the direction of Ernest F. Burchard of the United States Geographical Survey, Department of the Interior, show a moderate decrease in output compared with the high records of 1916 and 1917.

The estimated quantity of iron ore mined in the United States in 1918 amounted to 69,712,000 gross tons, compared with 75,288,851 tons in 1917, a decrease of 7.4 per cent. The estimated shipments of ore from the mines in 1918 were 72,192,000 gross tons, valued at \$246,043,000, compared with 75,573,207 tons, valued at \$288,260,444 in 1917, a decrease in quantity of 4.5 per cent, but an increase in value of 3.3 per cent. The average selling value of the ore per gross ton at the mines for the whole United States in 1918 was \$3.41, compared with \$3.15 in 1917. The stocks of iron ore at the mines apparently decreased from 10,628,908 gross tons in 1918, or 23.4 per cent.

The decrease in output, which was general throughout the country, is probably to be attributed to a combination of circumstances. Industrial conditions were more or less disturbed, the supply of labor was uncertain, and transportation facilities

were inadequate, but notwithstanding these handicaps, the shipments from the Lake Superior district from April to October, inclusive, 1918, were over 2,500,000 tons more than those for the corresponding period of 1917. Owing to a scaling down of furnace requirements, however, in order to release vessels for carrying grain to Europe, the shipments in November and December, 1918, were nearly 4,000,000 tons less than those made in November and December, 1917. Government control of the entire steel supply, which became effective in June, 1918, undoubtedly regulated the demand for ore, and stocks at mines and lower lake ports were somewhat reduced, so that the consumption of ore remained about the same as in 1917.

About 86 per cent of the iron ore mined and shipped in 1918 came from the Lake Superior district, in which about 60,092,000 gross tons were mined and about 63,666,068 tons mined and 63,854,752 tons shipped in 1917, representing decreases of 5.6 per cent and 2.5 per cent, respectively in 1918.

Call Money Rates at High Mark

The highest mark in more than two years was touched recently by call money rates on the New York Stock Exchange, when loans on good mixed collateral touched 7 per cent, and those negotiated on all industrial collateral loaned at 7½ per cent. These figures compare with the wartime maximum of 6 per cent and 6½ per cent, shortly after the flotation of the First Liberty Loan in May, 1917. The advance was taken as a warning that the stock market must go slowly. Bankers believe, however, that there will be no need for the reconvening of the money committee which was recently disbanded. While there are heavy demands being made on the money market now and although heavier demands will come in the near future, they are simply in response to the law of supply and demand.

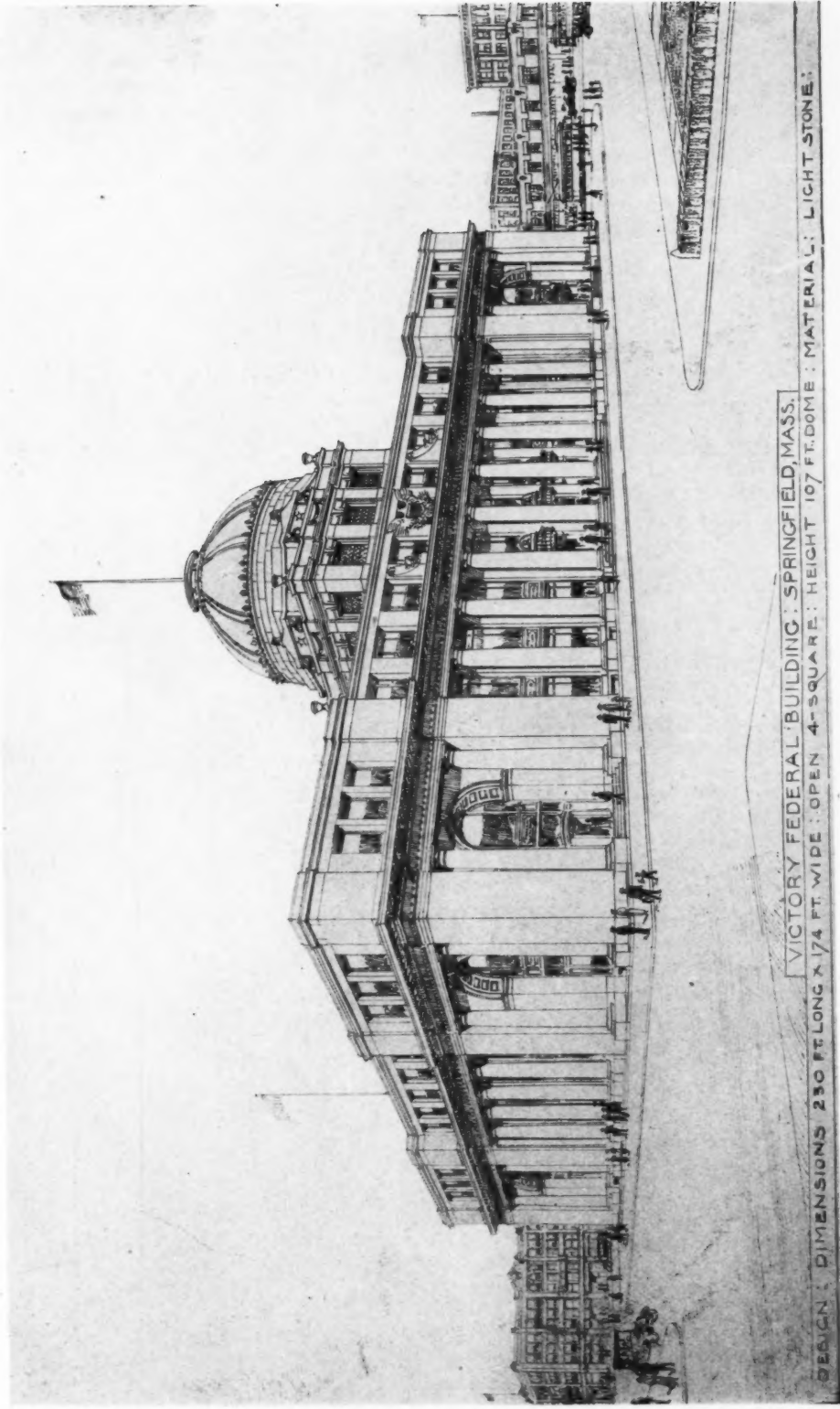
Steel Reports Conflicting

From various steel mills over the country conflicting reports of operations continue to come. It is decidedly evident that business is picking up, but reports of this character seem to be unevenly distributed, as some plants are working close to capacity, while others have taken up the high schedule maintained before the signing of the armistice. It is known that some mills are not merely restocking depleted supplies but are booking and filling substantial orders.

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MARCH 26, 1919

VOL. CXV, NO. 2257



A. W. COBB, ARCHITECT—A. H. LAVELLE, CONSULTING ARCHITECT

PLATE 94

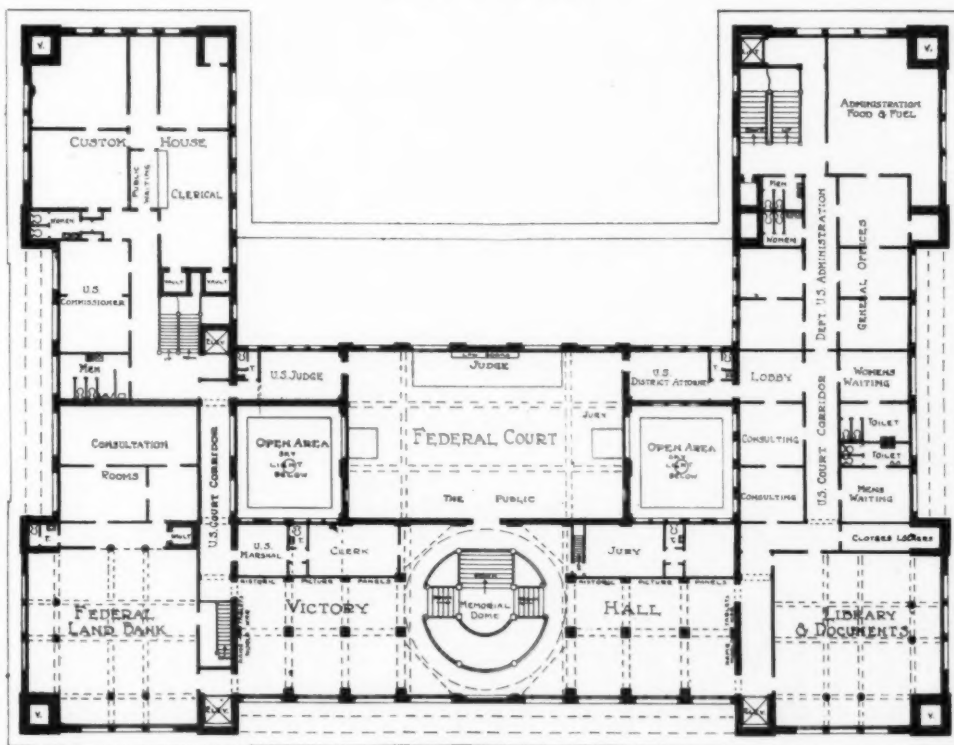
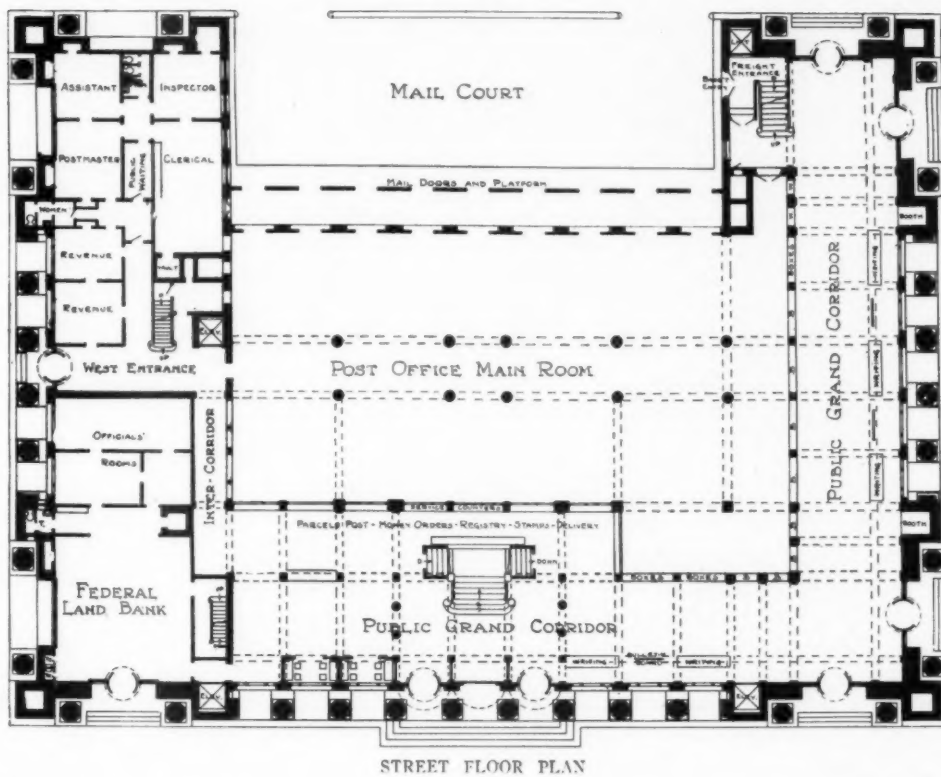


PLATE 95

VICTORY FEDERAL BUILDING, SPRINGFIELD, MASS.

A. W. COBB, ARCHITECT—A. H. LAVELLE, CONSULTING ARCHITECT



PLATE 96

HOUSE OF JOHN R. FLIPPIN, MEMPHIS, TENN.

JONES & FURBRINGER, ARCHITECTS



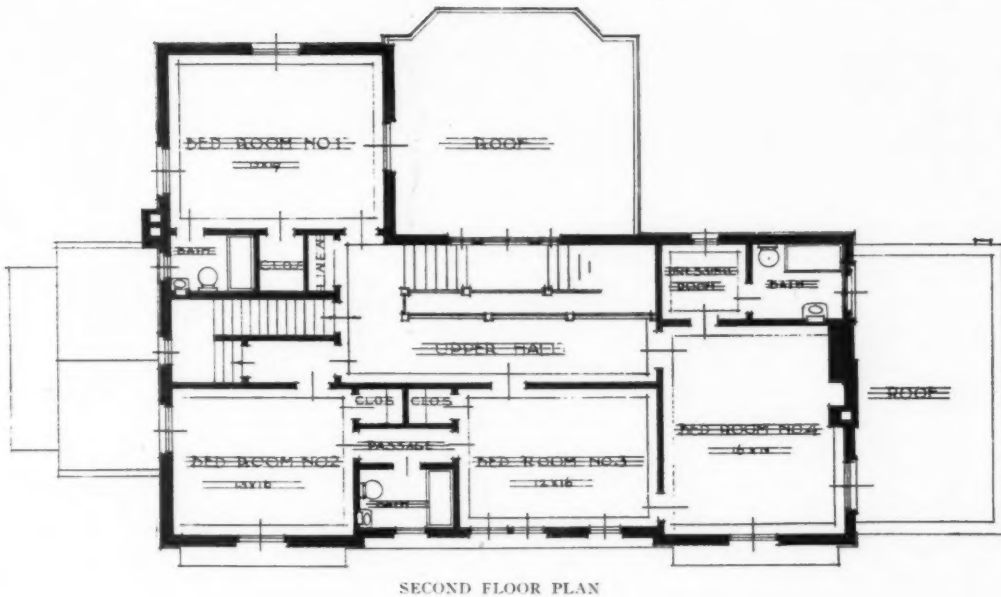


PLATE 97

HOUSE OF JOHN R. FLIPPIN, MEMPHIS, TENN.

JONES & FURBRINGER, ARCHITECTS

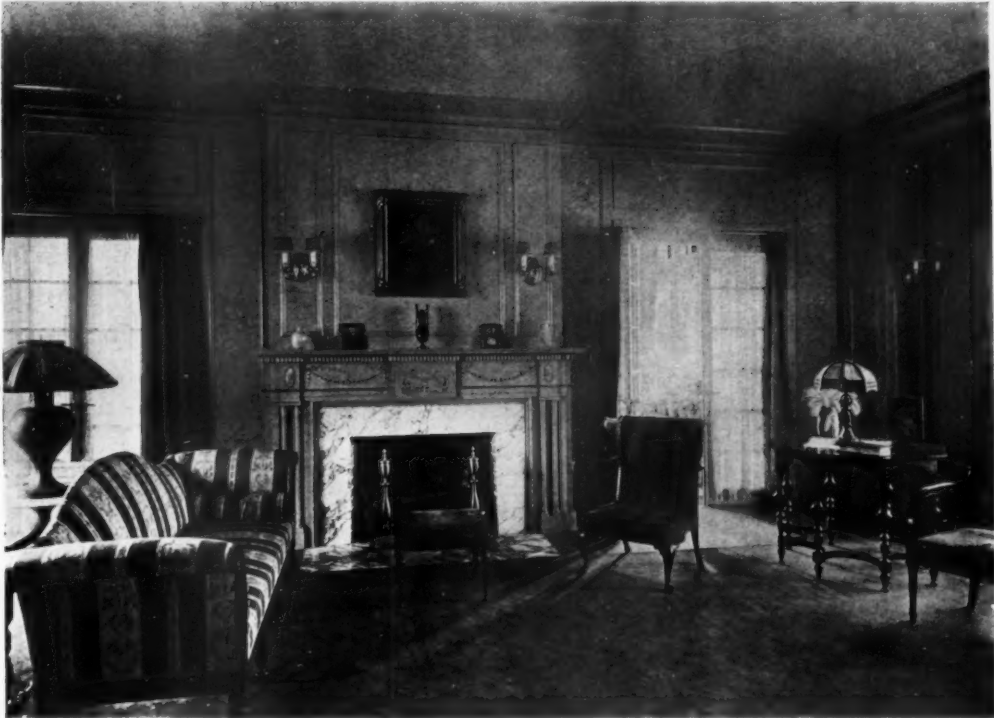


PLATE 98

MAIN HALL

HOUSE OF JOHN R. FLIPPIN, MEMPHIS, TENN.

JONES & FURBER, ARCHITECTS



LIVING ROOM



PLATE 99

LIVING PORCH

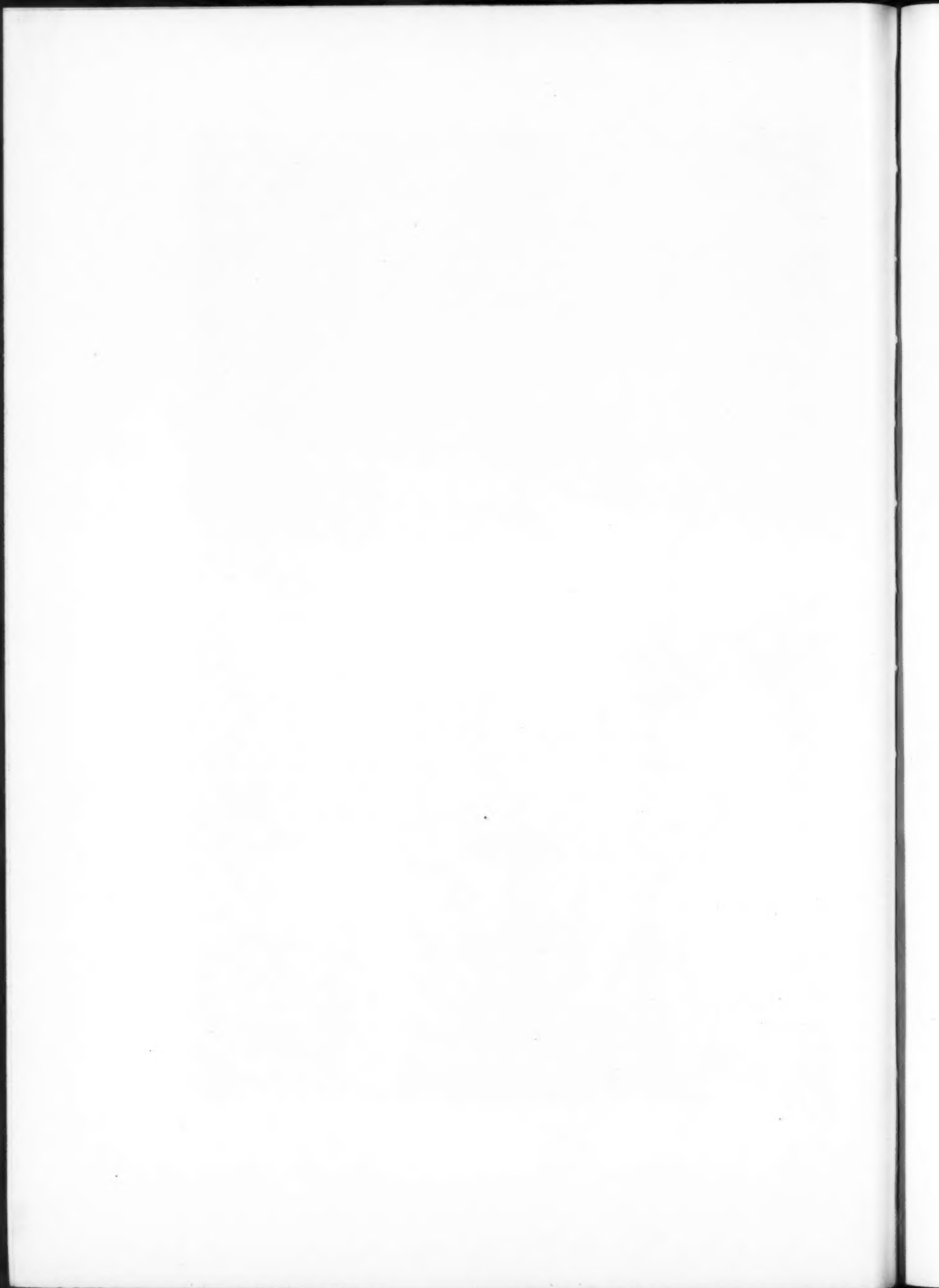
HOUSE OF JOHN R. FLIPPIN, MEMPHIS, TENN.

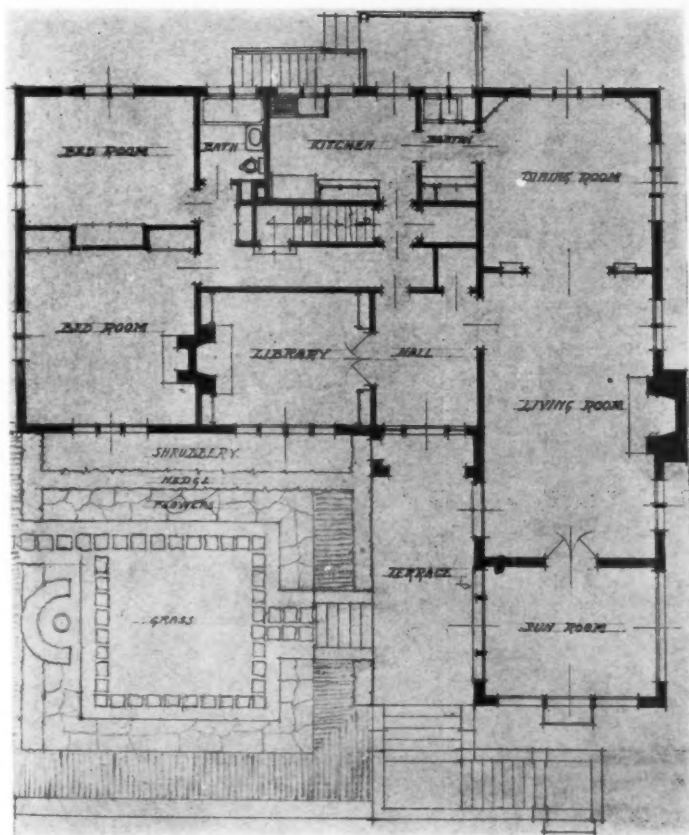
JONES & FURBRINGER, ARCHITECTS



PLATE 100

HOUSE OF DR. E. S. BREESE, DAYTON, O.
LOUIS LOTT, ARCHITECT





HOUSE OF
DR. E. S. BREESE,
DAYTON, O.

LOUIS LOTT,
ARCHITECT

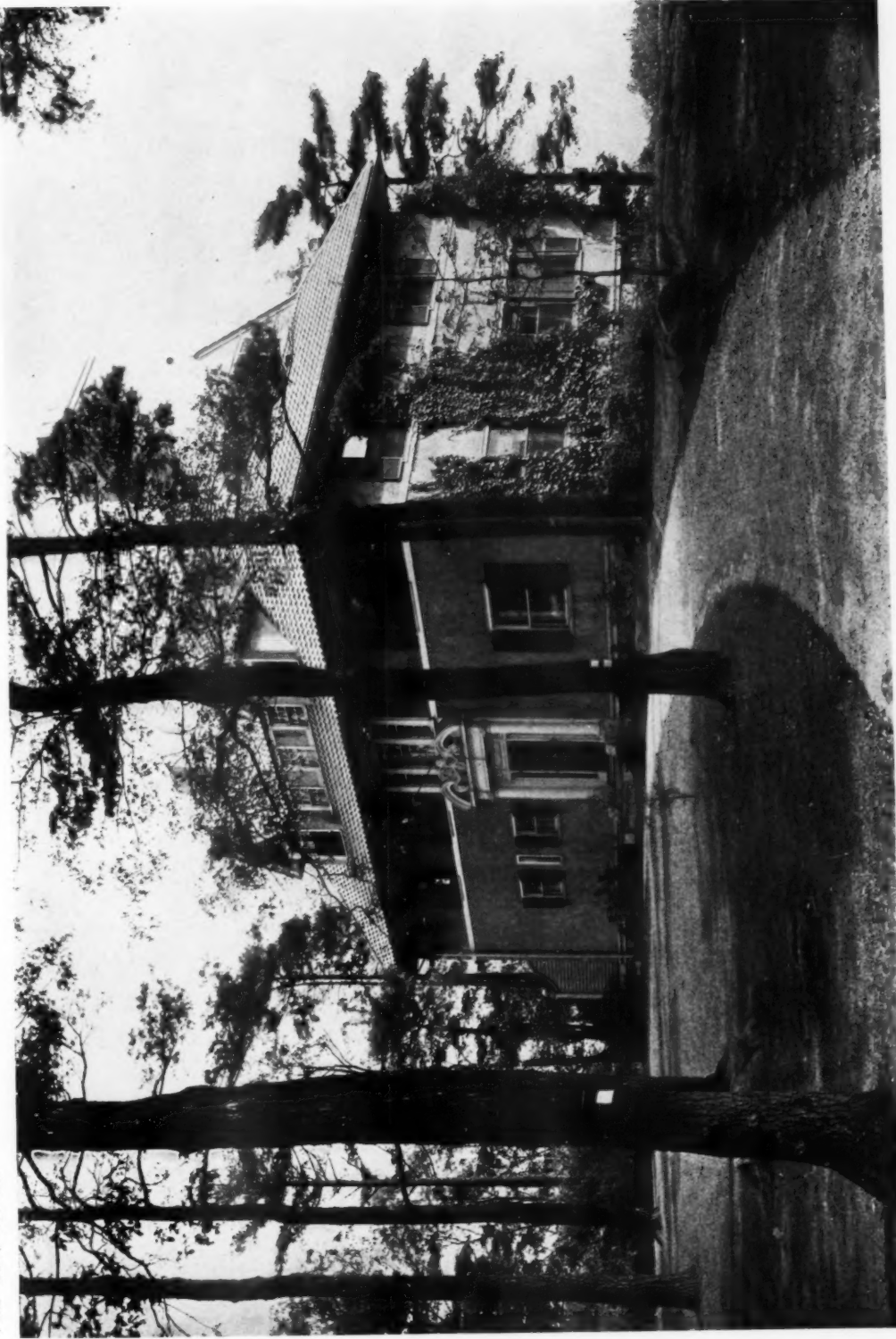


PLATE 102

HOUSE OF MR. BURTON P. GRAY, NEWTON CENTRE, MASS.
COOLIDGE & CARLSON, ARCHITECTS

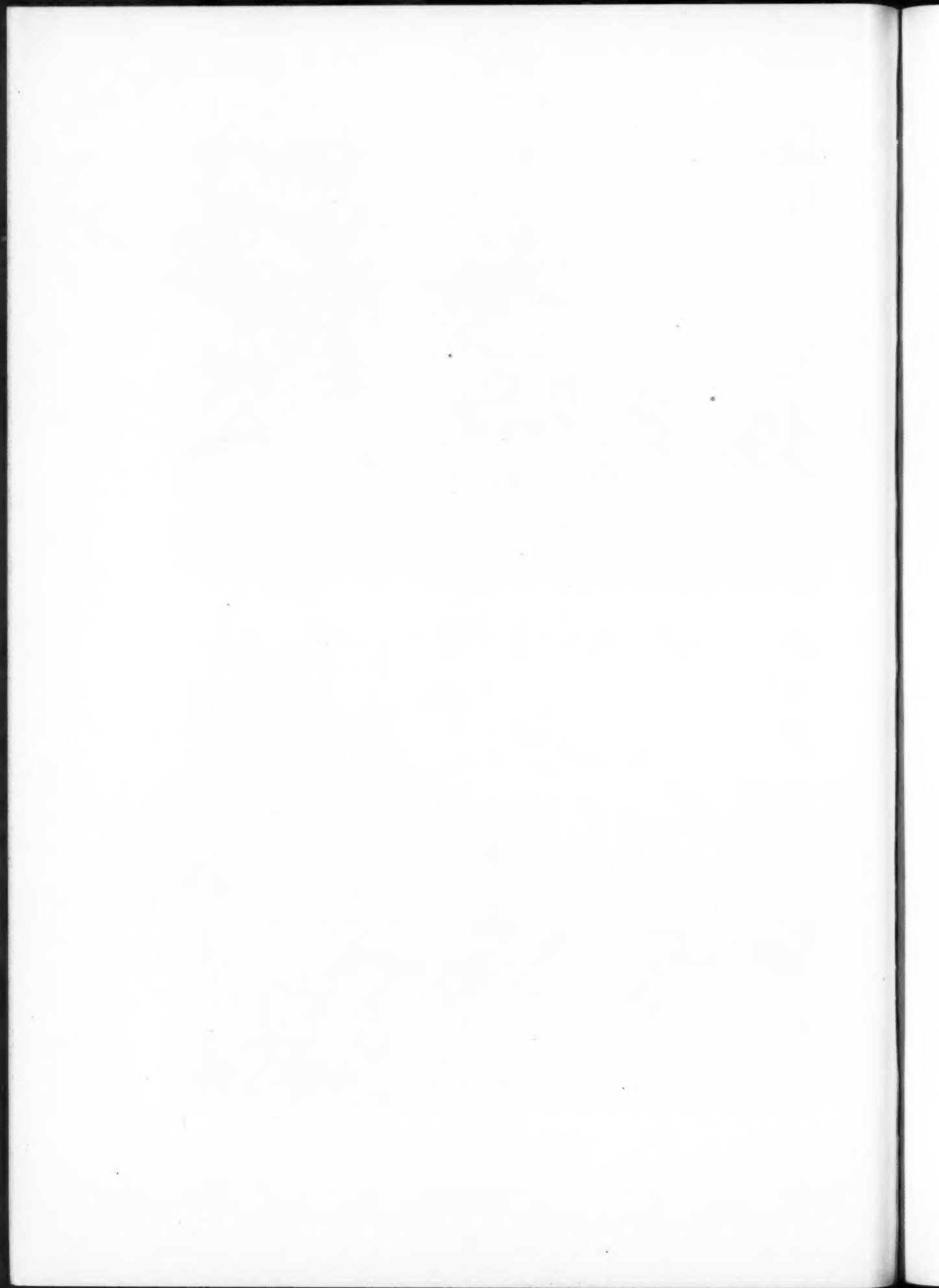




PLATE 103

HOUSE OF MISS WINSOR, NEWTON CENTRE, MASS.

COOLIDGE & CARLSON, ARCHITECTS

Current News

Aid in Selecting Appropriate War Memorials

A committee has been appointed by the American Federation of Arts whose services and advice are offered those throughout the United States who are considering the erection of war memorials. It is the purpose of the committee to afford assistance to officials, commissions and committees endeavoring to make memorials of the war express in permanently satisfactory manner feelings of honor, sacrifice and patriotism.

The Federation in a circular just sent out expresses the opinion that the American artist should be called on to design and to execute any structural memorials of the war and that in every community the memorial should be an individual, artistic creation. The committee is not interested in any particular form of memorial, or in any particular artist or group of artists, the only end in view being a memorial worthy of the community and the cause.

Convinced that thoughtful attention at the beginning of the project will bring good results, the committee may be consulted on the choice among the various forms of memorials, as to methods of selecting a designer and bringing the work to a satisfactory conclusion. The aim is not to dictate but to be helpful. Those desiring information touching any phase of the matter may communicate with Keila Mechlin, secretary of the general committee, the American Federation of Arts, 1741 New York Avenue, Washington, D. C.

Pursue Interesting Pottery Study

The end of the war and a generous legacy bequeathed to the Pennsylvania Museum and School of Industrial Art enables that institution to continue developing the manufacture of what is known as Pennsylvania Dutch pottery.

The legacy was left as a memorial to Dr. Edwin A. Barber, a former curator of the museum. A committee has been appointed, with Mrs. Jasper Yates Britton as its chairman, and arrangements are now being made to erect a new kiln and install the necessary apparatus for studying this branch of the pottery industry, both for its artistic as well as for its commercial possibilities.

A hundred or more years ago, Dutch potteries were scattered over Bucks and Montgomery coun-

ties in great numbers. For various reasons, one pottery after another was discontinued, until there is now only one in the eastern section of the country, which is at Haddonfield, N. J.

Historians seem to have overlooked the fact that what might be termed ceramic literature was used as a method of transmitting ideas. By the union of expressive pictographs and inscribed words the workers in clay recorded the customs of the people who lived in the country districts, together with much of their folk lore and artistic progress.

American Army Art School in France

The American Army University, the largest university in the English-speaking world, at Beaune, southeast of Paris, has opened a branch at Bellevue, near Versailles, for nearly 1000 students of art and architecture.

The American Army University is one of the four features of the educational system introduced for the benefit of the Expeditionary Force. The other features are post schools in all organizations for elementary work; division educational headquarters in all armies, corps, and divisions for vocational training and general education of high school grade and details of officers and soldiers as students at French and British universities for post-graduate college work.

Post schools have been established in units of 500 or more men. There are generally forty of such schools in each division, which will make more than 1000 in the American Expeditionary Force.

In the main school at Beaune 15,000 soldiers have enrolled for a three months' course. The faculty of 500 members, chiefly drawn from the American Expeditionary Force, is headed by Col. Ira I. Reeves, formerly president of Norwich University in Vermont. The study halls and dormitories were an American hospital during the war.

U. S. Employment Service Activities

During the eight weeks ending February 22, the United States Employment Service received 1,090,124 applications from men and women for jobs. Of this number 930,029 were referred to opportunities and the remainder were reported placed in employment.

More Houses the Remedy

The City Health Department, says the *Toronto Mail and Empire*, is denouncing "doubling up" of families in Toronto houses as being injurious to health. Dr. Hastings estimates that from 3000 to 5000 more houses would relieve the scarcity, and do away with the overcrowding.

But is not that view based on a misconception? What causes the overcrowding? Is it not a consequence of high taxes, high rents, and high property ratings? There is a shortage of houses, even for citizens able to pay high prices, but the doubling up that is injurious to health seems to occur mostly among the poorer families, and these are unquestionably victims of exorbitant values.

In the survey of 13,574 houses made by the Civic Housing Commission, it was found that in 4383 houses of four, five, six, seven or eight rooms there were two families. In 402 homes there were three families, and in 3954 homes there were lodgers or boarders. That is, in 64 per cent of the houses, either there was doubling up, or the taking in of outsiders to help pay costs. Surely this is significant of the actual conditions. It is not so much the scarcity of house accommodation that forces such doubling up as it is the imperative necessity of relieving unbearable costs of living. A four-thousand-dollar house, assessed at three thousand, will pay more than \$100 a year taxes, and heavy local improvements also, as a rule. Interest at six per cent is \$240. That is, the minimum cost of occupation of that house by a single family is at least \$30 a month, without regard to repairs. During the war rents have advanced about 50 per cent in many of the cheaper houses. In a family where there are several children to be fed and clothed, with prices as they have been, the paying of rents or taxes on a 31 or 32-mill basis is a hardship that brings up immediately the proposition of doubling up. Young couples getting married cannot, unless they have considerable savings, hope to buy their house and furnish it. They find it is better to go into two or three rooms. And with building costs what they are now, when the plain home of a wage-earner is from \$3,500 to \$5,000, what opportunity have they got to get into a home of their own? Paying rent, and living from hand to mouth, in the matter of housing, is the only alternative open.

The outlook for relief is dismal. As long as Toronto has a tax rate above 30 mills, on an assessment so high, the rents will not come down unless there is a depression that leaves many houses vacant. The building of large numbers of low-cost houses, as is proposed by the new housing commission to operate under the new housing act, ought to furnish some relief by making available homes within the proper economic reach of wage-earners. At present, to occupy a house good enough to satisfy reasonable requirements forces the average worker to go beyond his means. Overcrowding and doubling up will not diminish much until there is cheaper housing.

Roosevelt Memorial Exhibition

A Roosevelt Memorial Exhibition will be held in the Avery Library Building, Columbia University, from May 1 until June 4, it has been announced by Prof. W. A. Braun, secretary of the memorial committee. The exhibition will consist of objects of every description connected with the life of Theodore Roosevelt, including manuscripts and mementoes lent by his friends.

Frederic R. Coudert will be treasurer of the me-

morial committee. The other members will be William Fellowes Morgan, Frederick Coykendall, Colonel Walter Sherwood, and Professors J. J. Goss and J. R. Crawford.

Among the personal friends of the late Colonel Roosevelt who will assist the committee are Otto H. Kahn, Stephen Baker, Benjamin B. Lawrence, Clarence Mackay, A. Barton Hepburn, and Felix Warburg.

Favors School of Citizenship

Believing that Col. Roosevelt would have preferred a memorial appealing to the mind, Prof. Albert Bushnell Hart of Harvard has recommended the foundation of a training school of patriotism and citizenship to the Roosevelt Permanent Memorial National Committee.

In a letter to the committee, Prof. Hart suggests that the object of the school be to train teachers of government and politics from grade teachers up to college professors. He also suggests that a system of Roosevelt international fellowships be founded to give promising young men and women a chance to spend a year, or possibly two, in an educational journey around the world.

France to Cut High Food Costs

With the expectation of lowering the cost of living in Paris forty per cent within a fortnight, the French Government has started an offensive against profiteering. Fifteen large sheds have been opened in various public squares for the sale of Government-controlled provisions. These supplies consist principally of food hought from interallied committees already in existence. The State will transport them from ports to selling places by special trains.

The Government hopes this scheme will result in reduction of other commodities through indirect pressure.

A model scientific ration for an average man, as worked out by the interallied commission, at present costs 65 cents a day in Paris, 42 cents in New York and 35 cents in London. Under the new Government sales system the cost will be only 39 cents a day here. If the Paris experiment is successful food will be sent to other towns, where it will be retailed either by the municipalities or approved merchants, subject to State control.

The Ministry of Food Supplies also is arranging a system of workmen's restaurants in Paris capable of serving 400,000 meals a day.

French Ask Art Works for Those Ruined

As reparation for the works of art destroyed in France by the Germans, it is suggested by the French Academy of Fine Arts, according to the *Journal des Debats*, that works of French genius now in the collections of the former royal families in the public museums of Germany and Austria be put at the disposal of the French state, which will select some of these works as a legitimate indemnity. The petition sent by the academy to the government reads:

"The public monuments of twenty cities, cathedrals, museums, libraries and a large number of small churches known as the most precious among the churches of France have been mutilated and destroyed with the works of art they contained. In order to make up in a small measure for the loss of the home of the French works which composed our national art treasure destined to serve for the education of future generations, we do not demand that the museums of Germany and Austria be plundered, but only that the works due to French genius which are now in the collection of the former royal families and in the public museums in Germany and Austria be put at the disposal of the French state to let it select some works of art as a legitimate indemnity. The same can be said regarding the ravishing of the art patrimony of Belgium. Could pecuniary indemnities be considered sufficient to make up for the destruction of Louvain and Ypres? Belgium should be allowed to select a certain amount of Flemish works of art from the collections of the states which destroyed them on the same conditions as we demand for France.

"The destruction carried out in Italy which affected some precious works of Venetian art must also be compensated for, as justice demands, by the handing over of some Italian works of art now in possession of the enemy.

"In short, the signers of the petition demand that the following principle be written in the peace terms:

"That the diminution brought to the art treasures of the attacked nations be compensated for by the handing over of the works of art of the countries which have carried out the destructions."

Utilize Wood Wastes to Conserve Lumber Supply

The United States Forest Service is experimenting in the utilization of wood wastes to conserve the timber supply of the country. Wood pieces and wood ends that were considered of no value are now used in the making of many valuable products. In the manufacture of aeroplanes and similar delicate structures there is much of the tree that cannot be used, but all ends and scraps are now being utilized in wood pulp and wood flour.

Wood flour is made by grinding spruce or hemlock on the end grain against a revolving grindstone, the wood being kept continually wet while grinding. It is then mixed with other materials for the manufacture of various articles. Because of the increased price of cotton, the use of wood pulp and

wood flour has been greatly extended. Tan bark has been successfully substituted for rags in the making of roofing felt, and a similar wood product is used in the manufacture of fiber for wood silk. Another method of treating wood is the paper making process in the production of furniture reed. Paper made from this chemical wood pulp is twisted into strands, and in furniture reed, shellac is applied for waterproofing.

Improve Method of Plywood Manufacture

To find wood for air and sea planes that will be strong, light in weight, non-shrinkable and resistive to splitting has resulted in marked improvements in the manufacture of plywood. The strength of most woods when pulled parallel to the grain is several times that of mild steel, weight for weight, but wood is relatively weak across the grain and is susceptible to high shrinkage in this direction.

Plywood is made of several sheets of thin wood or veneer glued together so that the grain of any one sheet crosses that of both adjacent sheets. As many as twenty-seven or more sheets may be glued together to form a piece of plywood an inch thick. Such material has satisfactory strength in all directions, shrinks or expands little with changing moisture, has high resistance to splitting and is easily worked. It is therefore very satisfactory for airplane stock.

Thousands of tests have been made in the past few months at the Forest Products Laboratory to secure exact data as to the mechanical and physical properties of plywood, and as a result its use promises to be much extended.

The wing ribs used by the Bureau of Aircraft Production in one of the types of machines were developed by the Forest Service. These ribs were 30 per cent lighter than those formerly used and twice as strong. The laboratory has also shown the possibility of using many species of woods for plywood heretofore considered unsuitable for airplane manufacture.

As may be seen, the glue is a very important part in the making of plywood, but tests have resulted in the manufacture of a glue that is so water-resistant that plywood may be soaked in water for ten days or boiled for one day without showing any signs of separation into its individual layers and without materially lessening its strength. There are tremendous possibilities for the use of this wood in peace uses as well as in aircraft.

Retraining Disabled Soldiers and Sailors

By the policy of placing disabled soldiers, sailors and marines for retraining in the existing institutions of the country it is figured that the Government has been saved over \$25,000,000, which is a reasonable cost had all the men in training, and to be trained, been assembled in one or two institutions provided and controlled by the Federal Government. By using the existing educational institutions, representing an investment of over \$300,000,000, there is available for the disabled man an infinitely greater opportunity than could possibly be given through any institution inaugurated especially for this work.

The training is now given in the best institutions of the United States, ranging from Harvard and Yale, Massachusetts Institute of Technology, Case School of Applied Science, Columbia University, and the various land grant colleges of the states to agricultural schools, scientific schools, and, in some instances, direct in the industries. There are, altogether, some 500 trades, professions, occupations, callings and the industries from which a choice may be made by the disabled man. He is by no means confined to manual trades and occupations, and the sole animating and dominating thought and object of the Government, as expressed and carried out by its agent, the Federal Board for Vocational Education, is to do that thing for the disabled man which will insure to him the greatest possibility for future usefulness, happiness and contentment according to his capabilities.

Placing the men in existing institutions instead of herding them in great camps of crippled and disabled men has a beneficial effect upon the men themselves, from a physiological standpoint, causing them to lose sight of their disabilities, to minimize them, and concentrate their attention upon the capabilities remaining to them and which are being capitalized by retraining.

Reports Situation as Improved

Having traveled in the last six weeks all states in the Union except those of the southeast, Henry N. Teague, field agent for the U. S. Department of Labor, reports that industrial and labor conditions show a marked improvement during the last sixty days. This results, in Mr. Teague's opinion, from the fact that State and municipal authorities have come to appreciate the necessity for buffer employment for labor and the possibilities of stimulating business through extensive public improvements.

Mr. Teague has traveled, during the last six weeks, from Boston to San Francisco, and from Seattle to New Orleans, calling on all the governors and on the mayors of the principal cities and carrying a personal message to them from Secretary of Labor Wilson. When asked to state his outstanding impression from his trip, Mr. Teague said:

"There is to be a great deal of public building during the next six months. I am convinced the public improvements program for 1919 will equal that of any five years in the country's history and the road building activities from the Atlantic to the Pacific, once under way, are to be tremendous."

To Spend \$1,059,000 on New Schools

In view of the fact that the shortage of school buildings over the country represents a larger total than any other form of construction, it is interesting to note that the City of San Francisco, Cal., has just authorized the expenditure of \$1,059,000 on new schools. Construction plans, announced by President George E. Gallagher of the Board of Education, include the erection of four new school buildings, including a high school, costing \$500,000, three modern six room additions and a reconstructed building with new equipment.

Solon Borglum Honored by France

For his services as a member of the Foyer du Soldat, Solon Borglum, sculptor, who has made many small bronzes depicting western life, has been awarded the Croix de Guerre. In his citation it said that he "has not ceased for several months to organize foyers directly back of the first lines, and even in bombarded villages, showing in his work the soul of an apostle. He has rendered and continues to render the best services to the soldiers of the regiment with all his power of organization, his generosity and kindness of heart."

Prisoners Manufacture Road Signs

Road signs and direction markers for use on state and country highways will be manufactured by convicts in the carpenter shop of the state prison at Trenton, N. J., in accordance with a plan prepared by Commissioner of Charities and Correction Lewis, in co-operation with the State Highway Commission. The new industry will get under way when samples are completed. Quotations have been submitted on 1000 concrete posts, 300 wooden signs and 1000 triangular metal signs.

Late News from Architectural Fields

Special Correspondence to THE AMERICAN ARCHITECT

Hasten Building is Advice Given

Detroit, Mich., March 22.—"Build now and as much as possible," was the consensus of opinion at a conference of architects, bankers, building interests, real estate men and others interested in construction held by the Detroit, Mich., Board of Commerce this week. The purpose of the meeting was to learn what could be done to start a great building campaign in Detroit, which should take in all sorts of construction, both private and municipal.

Charles Kotting, president of the Michigan Chapter, American Institute of Architects, presided at the conference.

"We are prepared to make construction loans for any legitimate project," said the bankers.

"There will be no reduction in the cost of building material," said the manufacturers and the supply dealers.

"There will be no decrease in the wages of labor," said the contractors.

"The available and desirable building lots are being grabbed up rapidly and we are building houses now which are sold before they are finished," said the real estate men.

"Our government desires to see the building industry speeded up to high tension without delay," said a representative of the United States Department of Labor.

The architects reported an appreciable increase in demand for plans of all kinds. The contractors announced they are being asked for figures on an increasing number of projects and that, in some cases, more work is in progress than usual at this season of the year.

The executive committee, which has called a conference, will meet again to prepare a report to be submitted to a general meeting to be called later. The committee, comprising Charles Kotting, Charles H. Bryan, J. F. Deacon, J. W. Boardman, Jr., Thomas Murray, F. M. Pauli and William W. Norton, is expected to outline plans to start the building program in large volume.

North Carolina to Employ State Architect

Raleigh, N. C., March 22.—Senator McCain's bill creating the office of State architect has passed the House without opposition. This position will be under the direction of the State building commission and the McCain bill provides that the architect shall receive a salary of \$5,000 and \$7,500 additional for assistants. All plans for State buildings are to be drawn or approved by him and the estimated saving for the ensuing two years, according to Mr. McCain, will be \$125,000.

Arthur T. O'Brien Dies

San Francisco, Cal., March 22.—Arthur T. O'Brien, architect, died at his home, 2218 Van Ness Avenue this city, last week. He had suffered from pneumonia, but was supposed to be on the road to recovery. He was feeling so well that two days before his death he was at his office. He was forty years old.

He was associated in business with his brothers, Walter J. and Albert O'Brien. He studied at the Mark Hopkins Institute of Art and other schools. He was a member of the Olympic Club, the Corinthian Yacht Club and the Indoor Yacht Club.

Demands for Building

Washington, D. C., March 24.—Seventy-four cities have returned to the U. S. Department of Labor questionnaires on needs in getting building underway. Fifty-seven of these cities show a pressing demand for building and most of these emphasize the shortage of dwellings and apartment houses.

Typical of the representations in this particular are the following: Portland, Maine, reports a shortage in dwelling and tenement houses; Haverhill, Lawrence and Salem, Mass., report a demand for dwellings and tenements; Albany, N. Y., needs flats; New York City needs office, dwelling and storage buildings; Rochester needs dwellings and mercantile buildings; Atlantic City, East Orange and Elizabeth, New Jersey, are short in dwellings and apartments, and almost all the towns in Pennsylvania reporting, show a deficiency in residences.

Ohio, Indiana and Illinois show a shortage in dwellings with an occasional report on demands for schools and factories, and the major percentage of shortage in Colorado, Utah, Washington and California is in dwellings. In the South and Southwest there is a demand for business building, this being especially noticeable in Texas and Louisiana.

Tacoma, Washington, was the only city reporting no delay on account of wages, material prices, interest rates and available capital. Tacoma's obstacle was inclement weather and subsequent reports from the State of Washington indicate preparations for unusual building activity for the spring season.

The questionnaires, which were sent out by the Division of Public Works and Construction Developments of the U. S. Department of Labor, were calculated to verify the results of other investigations into the building shortage of the country and to develop what, if any, obstacles were being encountered by building interests. Specific information was asked on the influence of wages, material prices, interest rates and available investment capital. Several cities reported that it was none of these which was delaying building, but rather the uncertainty of the future labor and material market. A majority of the cities assert that high wages are a factor in holding back building; there is almost unanimous concurrence in the opinion that high prices of materials are determined obstacles. There is not much complaint about interest rates, but fourteen cities report builders are having difficulty in obtaining capital to finance projects.

This latter obstacle appears not to be a sectional matter, but rather one growing out of local conditions in widely separated territory. Cambridge, Mass., New Haven, Conn., Albany, N. Y., Philadelphia, Pa., Terre Haute, Ind., Wheeling, W. Va., Aurora, Ill., are among the cities reporting difficulty in borrowing capital for building work.

Wherever building industry organizations have gone into the subject the conclusion has prevailed that no decrease in labor wages may be expected for some time to come—not until the general price level on living necessities drops. The investigations of the economists in the Department of Labor, supported by no less an authority than Prof. Irving Fisher, of Yale University, assert no marked reduction may be expected in building material prices. Prof. Fisher asserts we are on a new and higher price level from which, in the main, we shall not recede. "We are on a permanently higher price level," says Prof. Fisher, "and the sooner the business men of the country take this view and adjust themselves to it, the sooner will they save themselves and the nation from the misfortune which will come, if we persist in our present false hope."

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After setting out the circumstances and developments on which this conclusion is based, Prof. Fisher concludes his study of the situation with this: "Business men should face the facts. To talk reverently of 1913-14 prices is to speak a dead language today. The buyers of the country, since the armistice, have made an unexampled attack upon prices through their waiting attitude, and yet price recessions have been insignificant. The reason is that we are on a new high price level, which will be found a stubborn reality. Business men are going to find out that the clever man is not the man who waits, but the one who finds out the new price facts, and acts accordingly."

"Own Your Own Home" Campaign Plans Announced

Washington, D. C., March 24.—Arrangements adaptable to any city in the United States, for an effective "Own Your Own Home" campaign, have been formulated by the U. S. Department of Labor and the literature is now ready for distribution through the Division of Public Works and Construction Development of the Department. Twenty cities already are getting under way with their drives for home building and home owning.

To supervise the formulation of these plans, Paul C. Murphy of Portland, Oregon, for two years working on "Own Your Own Home" work, was brought to Washington. In consultation with Department of Labor officials and several of the leading authorities on building in the United States, Mr. Murphy has drafted the campaign manual, now available for such cities and individuals as are interested in promoting home owning.

The "Own Your Own Home" bureau in the Division of Public Works and Construction Development will serve as an advisory board to the managements of these local campaigns, where requested, and will extend the fullest co-operation to every city in the country which undertakes a campaign.

Briefly, the campaign plan contemplates a general committee made up of civic and industrial leaders, with someone whose standing in the community justifies his selection, as the chief executive official.

Under this general committee are such sub-committees as have been found essential. The manual suggests the prudence of having vigorous committees on finance, publicity and campaign methods, mercantile institutions, public service corporations, education, religious activities, industrial workers and labor unions, hotels and restaurants, exhibits and management of headquarters, women's clubs, speakers and meetings, poster contests, civic bodies, theaters and amusements, transportation and automobiles, industrial plants, music, printing and supplies and donations.

The function of each committee is explained in detail, with suggestions on handling specific problems.

In the Department of Labor's plan of campaign the women, churches and labor organizations play an important part. The entire campaign is pitched on a civic betterment plane rather than on a purely commercial basis. It is a movement, having in mind only the incalculable permanent benefits to the community and the immediate helpfulness to the nation during the transition from war mobilization to peace production. The Department of Labor emphasizes the following benefits:

It will provide better living conditions, increase efficiency, encourage thrift, give greater comfort and happiness and create individual reserves for misfortune and old age. Every house owner with his family, whether rich, poor or well-to-do, becomes thereby a better citizen, with increased self-respect, independence and responsibility to the city and

nation and are more vitally interested in the welfare and prosperity of both.

That during the readjustment period, such a movement hastens the return of normal conditions; results in much needed construction for home and industrial purposes; provides work for returning soldiers and sailors and for labor changing from war to peace industries; stimulates all lines of business in each community; creates general prosperity.

Price Movements Favor Builders

Advantage to prospective builders comes this week with the formal opening of the building season of 1919 in the announcement of material price changes. Quotations show a dollar drop in the price of wall plaster to \$23.30 a ton, delivered in New York. There is also a slight change in favor of the builder in small size window glass. A complete withdrawal of listed selling prices of sand, gravel, grit, and possibly crushed stone, is announced, thereby throwing the market open to the best price the buyer can get, depending upon the quantity and the location of the job.

Lumber Bureau Protests Freight Charges

Washington, D. C., March 22.—The National Bureau of Wholesale Lumber Distributors, in a recent letter to Max Thelan, director of the Division of Public Service and Accounting, protested against the excessive demurrage charges now being assessed by the railroads, and urged that these charges be reduced to the normal pre-war period.

Many reports have come to the attention of the bureau advising that there is an abundance of idle equipment in all sections of the country, and it is the opinion of the bureau that 75 per cent of the delay of consignments and loss of freight is due to the inefficiency and negligence of the common carriers, through embargoes and congested terminals. This delay results in customers purchasing their wants in the open market or declining shipments when they finally arrive, in either case, causing great loss to the distributors.

It is urged that these excessive charges are unjust and illegal, and the Railroad Administration is asked to take immediate action in this matter, in answer to the protests being filed by various associations in all parts of the country.

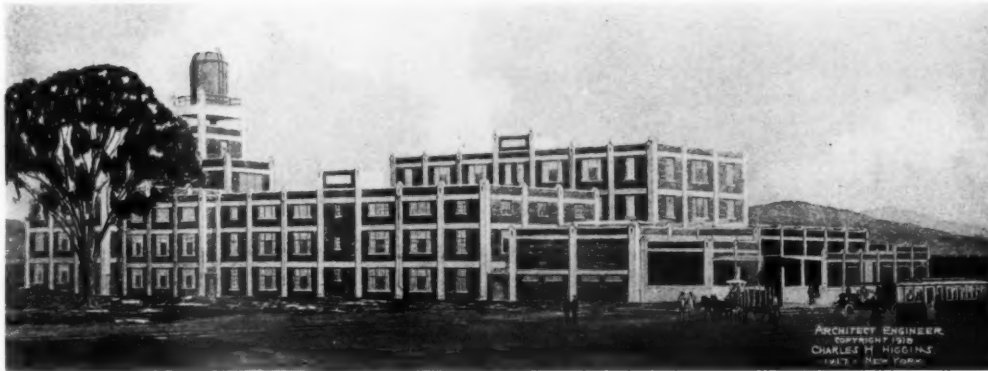
Kenyon Cox

Kenyon Cox, a mural painter of distinction, died at his home in New York on March 17. He was in his 62nd year.

For a quarter century Mr. Cox has been a prominent figure in the field of American Art. He combined with an unusual ability as an artist, many attributes as an advanced thinker and a profound student. He had also achieved reputation as a sculptor, but a rare sense for color and a highly developed appreciation for classical composition led him to devote his fine abilities more largely to mural painting. His work is to be found in many of our most important public buildings.

Mr. Cox was married in 1892 to Louise Howland King, former pupil and herself a painter of note. He was a member of the National Academy and the American Academy of Arts and Letters. Chief among his literary works were: "Old Masters and New," "Painters and Sculptors," and "The Classic Point of View."

Department of Architectural Engineering



Perspective view of plant from the southwest, compare with the photograph of completed structures.

Building a Home for an Industry

FITNESS is the all important factor upon which good planning is based. This applies to all buildings of whatever kind. The type or kind of a structure is determined by its use, and the particular use establishes those essential elements which, when incorporated in the plan, make the structure fit. In industrial structures the dominating element that influences the design is utility. This is necessarily the case, as the motive that actuates the erection of such structures is to house

a profitable production process. Success is largely profitable production, and this is contingent, in a great measure, on the kind of building which houses the enterprise. The effect of the building on the business is often greatly under-estimated, and it is the purpose of this article to indicate and emphasize its relative importance.

THE AMERICAN ARCHITECT presents here, as an example of the best method of planning, an industrial plant designed by the firm of Charles H.



View of plant from the southwest, compare with perspective from the same viewpoint.

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Higgins, Architects-Engineers, of New York City, for E. C. Klipstein & Sons Company, manufacturers of dyes, at South Charleston, West Virginia.

In discussing the development of this project, Mr. Higgins was emphatic in stating that the principal motive in the design of this plant was "fitness to accomplish the owner's purpose; in a word, fitness for function." This purpose he defined to be "to shape for the hand of the plant superintendent and his forces, according to the processes developed by the owner's technical staff, the best tool for production of full capacity, at low unit cost, of the materials the owner foresees that the country will demand. The arrangement and character of units, movement of materials and men, protection from weather and fire, compactness,

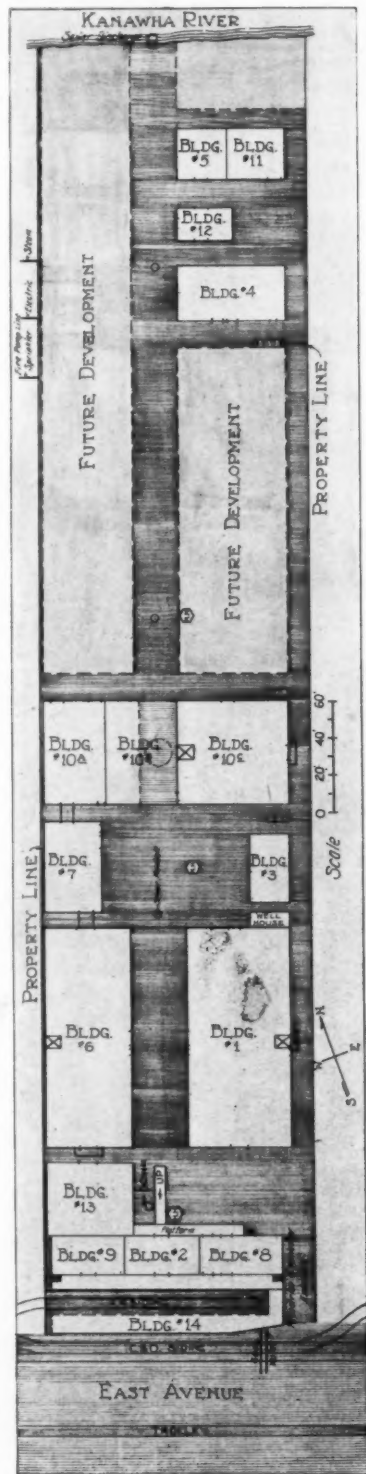


Site of the improvement on December 19, 1916.

orderliness, convenience and proper working conditions for the men, safety, light, heat, ventilation, sanitation—all make for the accomplishment of the purpose. A home for the industry."

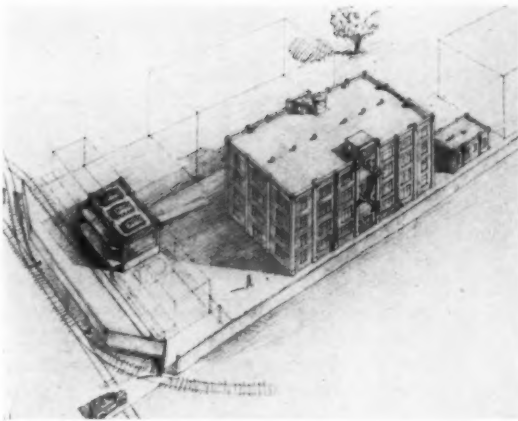
The general location of a plant is determined by the source of the raw materials and their weight, the fuel supply and the weight of fuel compared to that of the raw material, the finished product and its weight compared with that of the raw material and fuel. The weight of finished product, raw material and fuel are translated into terms of transportation cost and time, for comparison. Labor is the other general element that affects the location of the plant. Skilled labor is always found adjacent to its employment. It may be that supplies of raw materials or fuel are developed in places where the necessary skilled labor is not found. The problem then naturally arises as to whether to transplant the labor to the raw material or fuel or to bring these to the labor supply. The supply of skilled labor is affected by the climate, character of the country, the housing and social conditions, and often by racial instincts and habits.

Having decided upon a certain section of the country as suitable for a general location, the particular location is decided by making surveys of



Location plan, showing the limits of the grounds; the highway, railroad, trolley and river connections; the buildings constructed and the areas set aside for future improvement.

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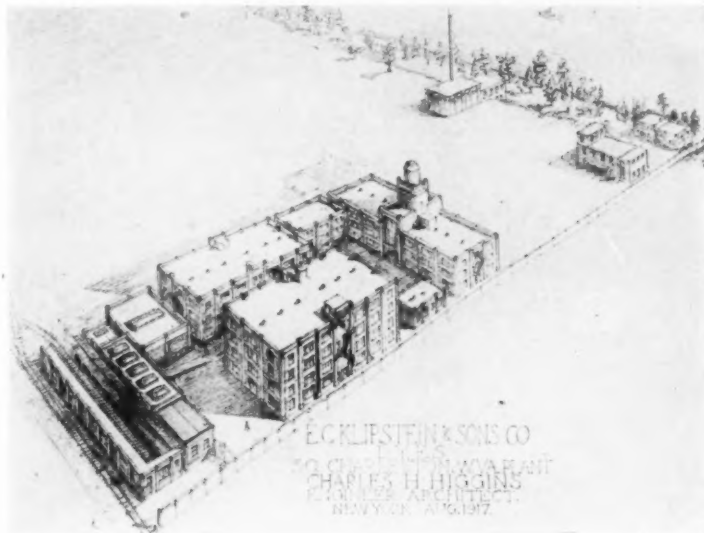
First project study from an elevated viewpoint, showing the first buildings whose construction was authorized. Buildings 1, 2 and 3, also the railroad connection, the vehicular and pedestrian entrance and the outlines of future buildings indicated.

the several available localities. Railroad transportation and switching facilities, highways and their condition, public utilities, cost of land and building materials, tax rates, local laws which may affect the construction and operation of the plant, local municipal fire and police protection, cost of insurance against loss by fire and accidents, employer's liability laws, labor supply and its characteristics, passenger transportation for labor, housing for labor and the general social and economic condition of labor—all are factors having a definite influence in the forming of the final decision.

All of these things are properly considered before the purchase of the ground, and when the land is purchased the shape and area of the tract is considered in its relation to the ultimate development of the project. The selection of the land depends upon the character of the business. Some kinds of manufacturing are better housed in buildings of several stories and within the closely built sections of a city. In these cases no particular limit is placed on the height of the buildings—this is true of the garment-making industry, as an example. Other kinds of manufacturing demand buildings of comparatively

low height, especially where the materials are extremely heavy and bulky, thus saving the expense of elevating the materials to great heights. All classes of manufacturing can be divided into two groups—one requiring large areas of ground and others requiring small areas. If the production process demands a maximum of horizontal travel it belongs in the first mentioned class, otherwise it naturally falls in the second mentioned class.

With the acquiring of the property the real task of planning is undertaken. The location of points of access for pedestrians, vehicles and railroad tracks is the first problem to solve. Entrance to the property by railroad is often fixed within close limits or it may be flexible, owing to conditions. The location of paved streets determines the entrance for vehicles and the location of street car lines govern the placing of the pedestrian entrance. It is very desirable that these three necessary entrances be as close together as possible in order that the supervision over this traffic can be delegated to as few persons as practicable. This traffic is made dangerous by the railroads, in a less degree by vehicles, and their relation to each other

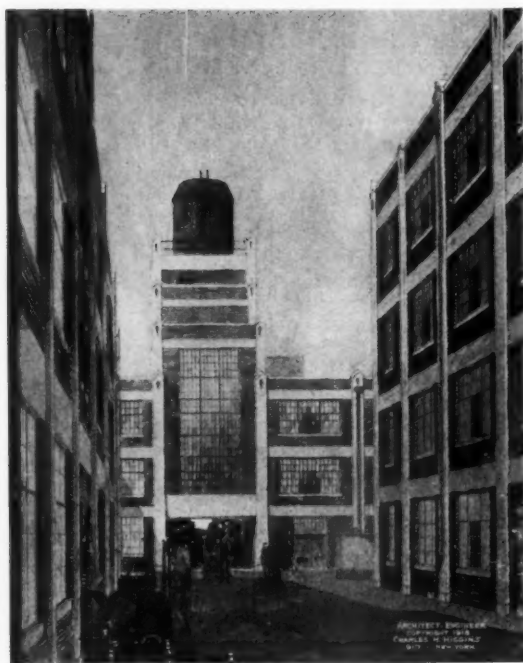


Developed project study showing the buildings whose construction was authorized after the first project study was made. The outlines of future buildings are indicated. These studies, from an elevated viewpoint, are the best method of showing the buildings as units and their relation to adjacent units and the surrounding conditions.

must be carefully considered before the final location is made.

The location of the administrative department should be adjacent to the points of access. This permits of the concentration of those forces that

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Perspective sketch of Building 10B from ground level. Building 1 at the right, Building 6 at the left. Compare with photograph of same view.

supervise the entrance and employment of workmen, the entrance of freight cars and vehicles as well as their exit, the receiving of materials and the shipment of manufactured products and the reception of business visitors. This latter point is of importance as it prevents entering of the plant by unauthorized persons, who might be without good purpose.

The storage of raw materials will naturally be adjacent to railroad tracks and vehicular traffic, depending on its nature and its origin. Such materials as lumber, structural steel, pig iron, clay and sand naturally demand storage yards and sheds of considerable area and outside the buildings wherein these materials are used in the process of manufacturing. Materials such as cloth, sheet iron, paper stock, leather and package goods, used in the manufacturing process, are stored in ware-

houses often one or more stories in height.

The shipment of the manufactured product is from warehouses convenient to the railroad tracks and also to vehicular traffic if shipments are made in less than carload lots. The value of the finished product is more than that of the raw material, and naturally its storage prior to shipment must afford protection from the elements, from fire damage and loss by theft.

In some cases raw materials are stored on the upper floors of high buildings, permitting the material to travel by the force of gravity downward through the various stories as required. The number of persons employed in storage spaces is comparatively small. In the disposition and concentration of operatives, it is important to consider the increased hazard in their travel in vertical lines of travel over that on horizontal planes. Travel distance in either case involves hazard, and it follows that it is better to reduce the number of occupants on the upper floors when possible.

Between the storage places of raw materials and for the finished product, the process of manufacturing is housed.

The routing of the material during this process has a very great effect on the cost of production. The primary law to be observed is to have the material travel from its place of origin as directly as possible to the point where the finished product is to be stored. This line of travel can be deflected to one side or vertically, but it should never be di-



View looking north from ramp leading to Building 2. Building 1 on right, Building 6 on left. The main roadway, the center of which is the main axis of the group plan, passes through Building 10B in the background. Compare this with the preliminary perspective drawing.

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verted toward its point of origin. The movement of material in any direction involves transportation costs. Upward movement is more costly than horizontal movement unless the downward movement is made by the force of gravity, and under these conditions the cost may be equalized. The weight and the bulk of the material has an important influence on the planning of its travel lines. To comply with the requirements of the economical routing of the product, the location of each process unit must be approximately fixed before the preliminary building plans are made.

Another feature that must be considered in the preliminary planning is the hazard from fire and safety of the operatives. Fire hazards are of two

rates charged for fire and liability insurance.

The distribution of mechanical service also has its influence on the plan. Water and gas are generally provided by public utility corporations, and these services taken from mains located in the adjacent streets. The electric service is purchased by others or produced within the plant, as may be most economical. In addition to these, both high and low pressure steam are supplied, the former for boiling water, cooking or sterilizing purposes and the latter for heating and often for extinguishing fires. The water distribution includes water for sprinkler system and fire service, for water closets lavatories and shower baths, air washers, and humidifiers, hot water and drinking water. Refrigeration, compressed air and vacuum services are often a necessary part of the mechanical equipment. Aside from the ordinary cold water, gas and possibly electric service, the distributing of the other services mentioned must have some intimate contact with the boiler and engine plant. This must be located with reference to the fuel supply and its location with reference to the balance of the plant has an importance with reference to economy of



Study of a unit, Building 10A, 10B, 10C.

kinds, interior and exterior. The interior hazard governs the disposition of the various departments, the stairways and elevators. The exterior hazard governs the actual location of the building with reference to hazards originating in other buildings of the same plant or adjacent properties. Protection against interior hazard is provided for by means of fire walls, fire doors at all interior openings, properly protected interior stairways and elevator shafts, sprinkler apparatus and manually operated fire extinguishing apparatus. Exterior hazards are cared for by the installation of metal windows glazed with wired glass, and exterior walls of non-combustible material, fire doors in exterior walls. In plants where yard spaces occur, water mains, hydrants and hose houses are provided. The safety of the operatives is secured by the use of fire escapes leading from the various floors to the ground or by bridges connecting one building with another, these in addition to the enclosed stairways and elevators. These features of the plan have an important effect on the



View of Building 10A, 10B, 10C, from the north, showing the main thoroughfare through the first story. Hydrant and hose house in the foreground.

operation. The distributing systems of high temperature fluids and gases, as steam and water, should be as compact as possible in order to avoid the losses due to radiation—this also applies to refrigeration.

Scales should be located at receiving and shipping points and at places where weights are required during the process of manufacture.

Aside from means afforded to protect the workmen from injury, their proper care includes the installation of toilet and locker room facilities, shower baths, lunch rooms and possibly a small first aid hospital. These facilities should be located convenient to the work in order to save time and to be under the supervision of the process foremen.

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When the operatives are of both sexes proper provision must be made for them according to their needs.

The foregoing items indicate, in a limited manner, those that Mr. Higgins considers and evaluates in order to establish their relative importance in the project plan. Special conditions and requirements necessarily develop in each project, and they are carefully analyzed and appraised. In this work he makes a close study of the requirements by conferring with the administrative and business departments, the mechanical department



Photograph of Building 7. Compare with perspective of same view. Note stairs and connection to adjoining buildings.

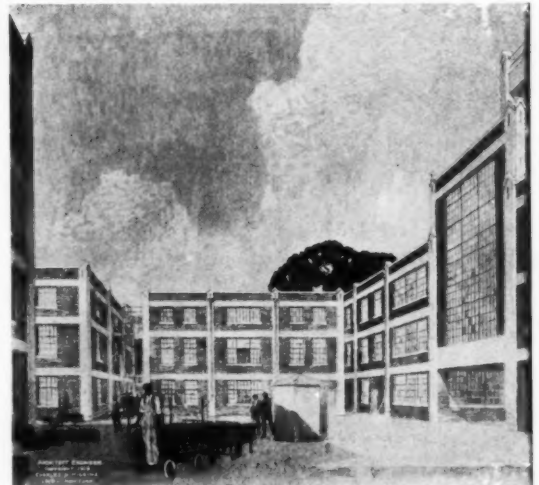
and the heads of the various production units. By correlating and adjusting all of the various factors and requirements he is enabled to produce a comprehensive and satisfactory plan.

In this industry the weight of the finished product is but a small proportion of the weight of the raw material, and the principal raw material is fuel. As the number of workmen is limited in number and the transportation of the finished product are relatively small items, a location near the source of fuel supply was indicated and the Kanawha Valley of West Virginia was selected. Local conditions at Charleston were favorable, and a site was secured at South Charleston. The tract of land is 150 ft. wide and about 800 ft. long. The 150 ft. frontage is on a highway improved with a brick pavement, in which are water and natural gas mains. A trolley line affords transportation for the operatives and an industrial siding of the C. & O. Railroad extended along this frontage. The property extends from this highway to the Kanawha River, a navigable stream, on which coal is transported in barges. The soil is a compact clay affording a good bearing for foundations, the surface of the ground, however, being but slightly above the high flood levels, preventing the use of basements.

In describing the development of this project

references will be made to the location plan. The general scheme is based upon locating the railroad spur along the south end of the tract with the vehicular and pedestrian entrance at the southeast corner of the property and not crossing this spur. This permits of an unobstructed and more safe passage way. The buildings are located with reference to a thoroughfare extending from the south end of the tract to the river and centered on a longitudinal axis which is 10 ft. west of the center line. The water and natural gas service is brought into the property from the street mains as indicated. The fire pump line for the sprinkler system, the steam and electric service is, for the present, taken from the adjoining plant on the west. The main sewer is under the main central thoroughfare and discharges into the Kanawha River.

The first structure to be authorized was Building 1 and was placed as indicated in the study for its location. Shortly after this location was decided



Perspective sketch of Building 7, showing exterior stairs and communication platforms connecting to Building 6 at the left. Building 10A, 10B at right, hose and hydrant house and motor truck in foreground.

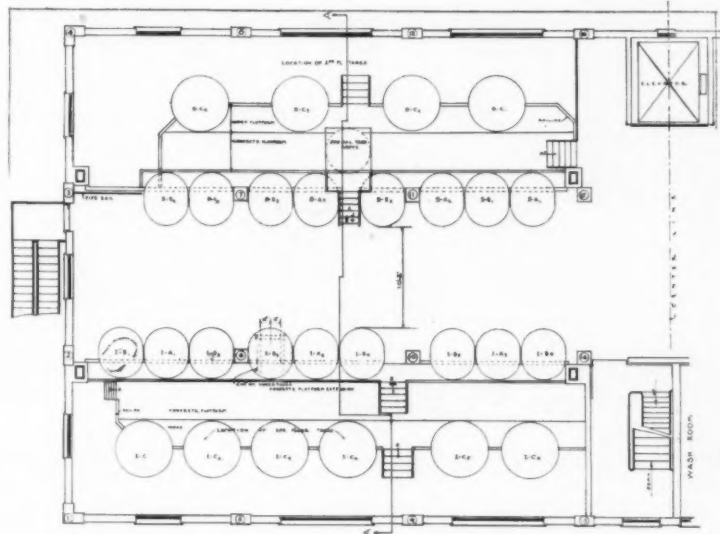
upon, Buildings 2 and 3 were located. Building 3 is a laboratory building and was also intended to be a temporary administration building. Building 2 was the nucleus of the shipping or receiving building. It will be noted that Building 2 has its floor and platform at the level of the floors of the cars and that ingress into the building is by means of a ramp extending into the yard. An inspection of this study for Building 1 will show the outlines indicated for possible future buildings. In this way the effect of the future buildings as to fire hazard, obstructing sunlight and yard spaces, in relation to

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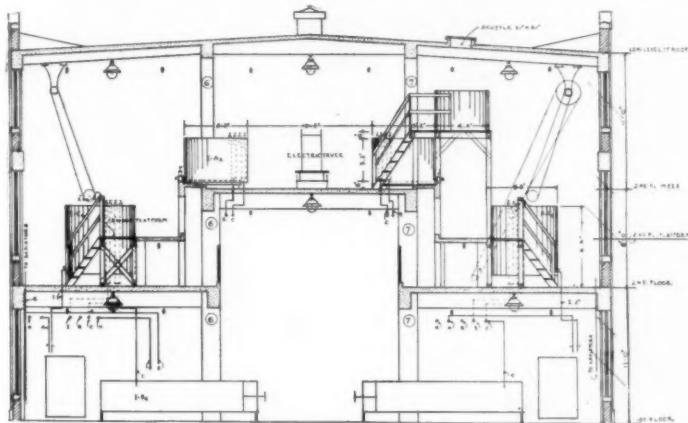
the building being designed, is measured and provided for. This drawing very distinctly shows the difference in methods for designing an isolated building and designing a plant composed of several adjacent buildings.

About the time that Building 1 had the fourth floor concrete in place the second progress study was made, including Buildings 5, 6, 7, 8 and 9, and as the plans for these were nearing completion, studies for Buildings 10A, 10B, 10C and 11 were added. The latter buildings were started about the time that Buildings 5 to 9 were nearing completion. Buildings 8 and 9 are extensions of Building 2, the ends of the latter serving as fire walls. A portion of Building 8 is used for administrative offices and Building 9 is for shipping and receiving. Buildings 5, 6 and 7 form the second manufacturing group. The processes requiring fire or gas flames were placed in Building 7, and for that reason it was separated from Buildings 6 and 10A. These hazards in a more pronounced form made the greater isolation of Building 5 desirable. Buildings 10A, 10B

turing process. It developed that the best relation between these, owing to the disposition of materials and mechanical services, was found in a single building separated into three parts by fire



Partial plan of Building 6, showing the distribution of the tanks and process units at the various levels.



Transverse section of Building 6, showing the levels of the process units, the means of supporting them, the enclosing walls and roof. This illustrates the fundamental element of industrial planning, that of making the building conform to the requirements of the production process.

and 10C having the appearance of a single structure, were at first intended to be three separate buildings, as each housed a different manufac-

turing process. It developed that the best relation between these, owing to the disposition of materials and mechanical services, was found in a single building separated into three parts by fire walls with openings protected by fire doors. One elevator serves the three sections. An individual study of this unit is shown. The process in Building 11 naturally associated with that in Building 5 and adjoins it with a fire wall between, but with no communicating doors.

In this plant there are four methods of dividing buildings with reference to fire hazard. Building 1 is divided horizontally in two parts; the first story with its mezzanine. The construction is of concrete and the communication between the two parts is protected by fire wall enclosures with automatic fire doors. In groups 2, 8, 9 and 5, 11 the divisions are made by impierced fire walls. Group 6, 7 have no horizontal divisions but have a vertical division by the building of two separate structures 8 ft. apart, a common stairway and

platform serving both buildings, as shown in the illustrations. Group 10A, 10B and 10C is divided by 12 in. fire walls, with automatic fire doors, the

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floors are of reinforced concrete and all vertical communications protected by fire walls and automatic fire doors.

In strong contrast with the compact arrangement of this plant are those adjoining it on the east and the west. This is very apparent by inspecting the



Train of trailers loaded with acid carboys, hauled on paved yard with a 1-ton electric storage battery truck.

illustrations given. These adjoining plants also house the manufacturing of chemicals and are also subject to fire hazards.

A distinction can always be made between cheapness of low first cost and economy of low production cost, per unit of product. The first difference is in the movement of materials. Where movement by gravity is possible for materials in process, that feature determines the height of the building, each floor level being a stage in the process. Intra-plant travel distances are reduced to a minimum. The movement of materials is effected by means of elec-



Building 1 under construction.

tric storage battery trucks to which a train of trailers can be attached. These trucks, by means of elevators, can reach any point to which dry materials must be transported. Liquids are transported by air pressure, gravity or pumping. In the compact plant the installation of water, gas, steam

and other utility services is naturally much cheaper than in the spread-out plant. The maintenance and cost of service is also less, as the losses due to radiation, friction, leakage and "drop" are reduced to a minimum.

The compact plant makes possible the paving, at small cost, of the yards and open spaces with brick or concrete, which is a great aid to cheap intra-plant traffic. The cost of such yard paving in the old style plant would be a very large item and prohibitive.

The preliminary location studies were made from an elevated viewpoint in order to clearly show the relation of the parts. For the development of the architectural features studies from the ground level



Shooting the brine well, 40 seconds after firing 120 quarts of nitro-glycerine. Well 1050 ft. deep, 8 in. diameter.

were made. These are shown, as are also photographs of the completed buildings. The finished work parallels very closely the perspective drawings.

The absence of planting in the drawings and photographs is due to the fact that the nature of the industrial plants in this neighborhood does not encourage vegetable growth.

The electric storage battery trucks used in this plant are of 2000 lb. capacity and can operate with six or seven trailers. The trailers are also operated as hand trucks. These trucks provide the means of horizontal transportation and the elevators the means of vertical transportation. Access to the

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storehouse is by means of the ramp at Building 2. Traffic in this plant is very flexible and the distances are reduced to the minimum.

An automatic sprinkler system is installed throughout the plant. A fire main is provided which receives its pressure from the tank on Building 10B and is also connected with fire pumps in the power house and has a two-way steamer connection near the street entrance. In connection with this



View northwest of Building 1, showing adjoining plant. A typical plant with low buildings, partially combustible and spread out for protection. No special provision for paved roads and economical intra-plant traffic.

main there are hose houses and hydrants in the yards. Water operated fire alarms are provided throughout. In these buildings the water in the sprinkler system can be cut off and live steam supplied. Steam is necessary where the burning materials are of a character that float and would spread the fire if water was used. Windows are held open by chains with fusible links, so as to close automatically in case of fire.

A platform scale is provided at the receiving and shipping building and one is placed near the foot of each elevator. Power is now provided by an adjoining plant. Buildings 1 and 6 are connected by a pipe tunnel below the paved thoroughfare.

Compressed air, vacuum and refrigeration are developed in the north end of Building 1. From this point they are distributed to the places where needed. Refrigeration is distributed either in the form of cooled brine in mains or as manufactured ice. All service pipes and wires are located so as to be out of the way as far as possible and still be readily accessible for inspection and repairs. When these services are above the ground they are carried on one side of the property in a neat and orderly manner.

The process in each case determined the character of the building. This is clearly illustrated in the section and partial plan of Building 6. An in-

spection of this drawing will clearly demonstrate the fact that industrial planning is based on properly locating and supporting the process units, after which the enveloping walls and roof are provided.

The welfare of the operative is cared for by providing ample locker, toilet and wash rooms, sufficient light, heat and ventilation, safety from fire hazards. The owners felt very strongly that these facilities should be made ample and convenient.



View looking east from Building 1. This plant has the same characteristics as the one adjoining on the west.

The operation of this plant has practically demonstrated the many contemplated economies of operation which were discussed during the planning of the plant. The excellence of the facilities and arrangements for fire protection have been demonstrated.

In this plant, form followed function and the logical clean-cut and efficient methods of planning have proved their merit. The interest in the buildings is in their fitness for the purpose, effective protection and good conditions for the operatives.

In planning this plant, Mr. Higgins' organization produced complete and separate drawings for (a) building construction, (b) piping and mechanical systems, (c) refrigeration and ice making plant, (d) paving and drainage, (e) electric light and power, (f) motors (delivered), (g) well drilling and (h) erection and connection of apparatus for processes. On each of these divisions competitive bids were invited from a selected list of reputable contractors. Close and cheerful co-operation was maintained between the organization of the architects-engineers, the various contracting and owners' organizations, resulting in the execution of the owner's purpose efficiently, promptly and economically.

Since the planning and construction of this plant the organization headed by Mr. Higgins has become associated with that of Delano & Aldrich, as Delano & Aldrich and Charles H. Higgins, associated architects and engineers, New York City.

Industrial Information

In this Department there is published each week information as to the development of materials and methods, derived from reliable sources.

Damp-proofing vs. Waterproofing

The Society for Testing Materials at its last meeting adopted a distinction in the use of the words damp-proofing and waterproofing. For a long time these terms have been interchangeably employed. Confusion inevitably resulted, and materials ordered simply as damp-proof and wrongly believed waterproof, were a source of trouble, and often unnecessary expense, due to their wrong use or application.

It appears that the Hydrex Felt and Engineering Co., 120 Liberty Street, New York, manufacturers of materials for both damp-proofing and waterproofing, were influential in bringing about this clearer understanding. In a pamphlet entitled "Damp-proofing Walls Above and Below Grade," the distinction is drawn that damp-proofing a wall means that thereafter water may be shed down that wall's surface without penetrating to the interior. Waterproofing goes further. It stands for resistance against water *pressure*.

This pamphlet discusses the merits of the one method over the other for specific purposes and makes clear where each may with most advantage be used. The Hydrex Felt and Engineering Co. manufactures a number of materials for effecting both of these purposes, and these are fully described and illustrated in the pamphlet referred to. Architects will find this of considerable practical use, and it is suggested that they send for a copy. The Hydrex Felt and Engineering Co. describes itself as specialists in structural waterproofing, insulation and soundproofing, and manufactures extensively water-proofing felts, roofings, and paints. Co-operation with architects is offered.

HO Minus Germs

Why should a lot of thoughtful scientists evolve certain truths to benefit mankind, if these truths are to be accepted merely as academic facts and are not immediately and consistently applied? When one reflects that about 75 per cent of the human body is constituted of the elements of water, that about 95 per cent of healthy blood and 80 per cent of our food is also water, one cannot but marvel at our dependence upon it for actual existence, and incidentally want to pat ourselves on the back for be-

ing able to maintain any individuality at all under these aqueous conditions. A simple tomato, we have learned, is 98 per cent water. This cannot but increase our respect for a vegetable which preserves its personality on only 2 per cent of actual tomatohood.

To revert to the serious aspect of the topic, the urgency of having pure water would seem to be a self-evident truth. One of the accepted methods of purifying it is by adequate filtering. And yet in how few homes are found adequate filters. Though it is common knowledge that many of the most pernicious diseases are fostered by the use of impure water, the precaution of a filter installation is too seldom taken. Prudence dictates that people apply that knowledge as a measure of safety and refrain from taking chances with disease.

The Roberts Filter Manufacturing Co., Darby, Philadelphia, Pa., have received first honors for the variety of filters which they make. These cover all the needs for domestic use as well as for hotels, hospitals and other large public buildings. Testimonials signed by eminent physicians and recognized medical schools claim them germ-proof and in every way satisfactory. The Roberts Filters are constructed on correct mechanical principles; their workmanship and the material used are of high quality, and simplicity in usage and maintenance are characteristic. Further, they are inexpensive, durable, and easily fitted to any type or size of spigot. The Roberts Company undertakes municipal and industrial work as a specialty.

It is nothing short of a duty to the community to safeguard the residents by providing the purest possible water for everyone. Architects cannot give the subject too serious thought—and action.

Post-War Committee on Architectural Practice

This committee has recently mailed a communication addressed to architects of the United States asking suggestions in co-operation with the work it is doing. The committee also desires to reach building trades and contractors' organizations, and if application is made for copies of this practical paper, it will be sent in such numbers as may be desired. Address the committee at 1741 New York Avenue, Washington, D. C.



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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information con-

ARIZONA

PHOENIX, ARIZ.—Masonic Order is having plans prepared by Lescher & Kibbey, Architects, Bank of Arizona Building, for building three-story, 120 x 140 ft., reinforced concrete and brick temple to be known El Zabira Temple. \$150,000.

CALIFORNIA

HOLTVILLE, CAL.—Imperial Valley Milk Producers' Association plans to build creamery. \$150,000.

LOS ANGELES, CAL.—Board of Education, 730 Security Building, plans to build school on seventh Street. W. D. Sheldon, secretary. \$75,000.

LOS ANGELES, CAL.—California Hotel Corp., Maryland Hotel, Pasadena, had plans prepared by M. Hunt, architect, Hibernian Building, to build five story concrete and hollow tile hotel on Welshire Boulevard and Irola Street. \$2,500,000.

OAKLAND, CAL.—American Manganese Steel Co., 1433 California Street, San Francisco, let contract for building steel frame foundry on waterfront here to H. P. Hoyt Co., Monadnock Building, San Francisco. \$70,000.

SAN FRANCISCO, CAL.—University of California plans to build nurses' home at University Hospital. \$160,000.

SAN DIEGO, CAL.—Musher & Co., 140 Liberty Street, New York City, authorized J. G. Buerkle, 2920 Granada Street, to begin negotiations for building a fish canning and olive oil packing plant here. \$100,000.

COLORADO

COLORADO SPRINGS, COL.—First National Bank, Court Place and Colorado Avenue, plans to build sixteen-story bank. \$500,000.

DENVER, COL.—J. A. Ferguson, 407 Century Building, is having plans prepared by Fisher & Fisher, Architects, 337 Century Building, for remodeling Century Building on Seventeenth and Stout Streets and building six-story, 125 x 125 ft., concrete and terra cotta addition. Cost between \$300,000 and \$400,000.

GRAND JUNCTION, COLO.—Denver & Rio Grande Railroad, Denver, let contract for building four 90 x 128 ft., timber ice houses, concrete foundation, to A. Stocker, 217 Chamber of Commerce Building, Denver. \$100,000.

JULESBURG, COL.—City soon receives bids for building power plant. Bonds for \$100,000 sold for project. Henningson Engineering Co., 1122 Farnam Street, Omaha, Neb., engineers.

CONNECTICUT

NEW BRITAIN, CONN.—Alfred Hopkins, architect, 101 Park Avenue, New York City, soon receives bids to alter bank for Commercial Trust Co., 274 Main Street. Smalley & Meyers, 9 East Fortieth Street, New York City, engineers. \$50,000.

NEW LONDON, CONN.—Connecticut College for Women, Mohegan Avenue, plans to build dormitory and home. \$125,000.

TORRINGTON, CONN.—Y. M. C. A., 113 Main Street, plans to construct new building. Address H. J. Wylie, president. \$60,000.

WATERBURY, CONN.—Board of Education plans to build classification high school in spring. \$150,000.

WATERBURY, CONN.—Board of Education will issue \$225,000 bonds to build two and one-half-story grammar school on Elm Street.

DELAWARE

WILMINGTON, DEL.—Board of Education borrowed \$175,000 from Emergency Fleet Corporation, Washington, D. C., and plans to build school on Bayard Avenue and Fourth Street. C. J. Scott, superintendent.

ILLINOIS

CHICAGO, ILL.—Morris & Co., 38 South Dearborn Street, let contract for building five-story, 96 x 162 ft., office on Forty-second and Loomis streets, to R. C. Wieboldt, 1534 West Van Buren Street. \$300,000.

CHICAGO, ILL.—Philipsborn Outer Garment Co., 900 West Van Buren Street, has had plans prepared by A. S. Alschuler, Architect, 28 East Jackson Street, for

eight-story, 150 x 200 ft. brick and reinforced concrete factory on Harrison and Paulina streets. \$1,250,000.

CHICAGO, ILL.—Architects Fillard & Bacon, 343 S. Dearborn Street, have designed a pattern warehouse.

CHICAGO, ILL.—Manufacturing plant to cost \$65,000 has been planned by Architect W. G. Uffendell, 39 S. State Street, for Armstrong Bros. Tool Co., J. Armstrong, president, 339 N. Francisco Avenue. General contractor J. W. Snyder, 122 S. Michigan Avenue.

CHICAGO, ILL.—Shops and office building costing \$130,000 are being planned by Architects Perkins, Fellows & Hamilton, 814 Tower Court. Owner Arthur L. Farwell, vice-president, J. V. Farwell & Co., 102 S. Market Street.

CHICAGO, ILL.—Factory will go up at Winchester & Bloomingdale avenues from plans prepared by Architect R. G. Pierce, 10 S. La Salle Street. Owner Independent Snuff Co., Wm. Hoffbauer, vice-president, 1800 N. Winchester Avenue.

CHICAGO, ILL.—Moody congregation, 808 North La Salle Street, plans to build church on 290 x 365 ft. site on North Avenue and Clark Street. P. Rader, pastor. H. Holmes, 30 North Michigan Ave., Architect. \$500,000.

CHICAGO, ILL.—Canning factory is proposed for erection at a cost of \$60,000, two story, 66 x 100, Forty-fourth Street and Southwest Boulevard. Architect, C. P. Carnett, care of Wilson & Co. Owner, U. S. Yards. Brk., mill.

CHICAGO, ILL.—Factory to cost \$175,000 has been designed by Architect C. Frank Jobson, 79 E. Adams Street, for Vitanola Talking Machine Co., S. S. Schiff, president, 503 W. Thirty-fifth Street.

CHICAGO, ILL.—Blackstone Hotel will erect twenty-one story and basement annex to cost \$2,000,000. Architects, Marshall & Fox, 721 N. Michigan Avenue. Owner, Drake Hotel Co., John B. Drake, corner Seventh Street and Wabash Avenue.

CHICAGO, ILL.—Canada Casing Co., 657 West Randolph Street, plans to build two-story, 24 x 100 ft., brick and timber casing factory, brick foundation, on Forty-seventh and Halsted Streets. Vitzthum & Teich, 21 East Van Buren Street, Architects. \$40,000.

CHICAGO, ILL.—R. T. Kittredge & Co., 812 West Superior Avenue, are having plans prepared by Mundie & Jensen, Architects, 39 South La Salle Street, for one and two-story brick and timber printing plant, concrete foundation, on Forty-seventh and Whipple Streets. \$200,000.

CHICAGO, ILL.—Victor Mfg. & Casket Co., 1956 South Troy Street, plans to build several one and two-story factories on Twelfth Street and Fifty-eighth Avenue. A. S. Alschuler, 28 East Jackson Street, Architect. \$250,000.

CHICAGO HEIGHTS, ILL.—Chicago Heights Country Club is having plans prepared by P. Gerhardt, Architect, 64 West Randolph Street, Chicago, for four-story, 75 x 150 ft., brick and reinforced concrete club on Illinois and Oak streets. 150,000.

JACKSONVILLE, ILL.—Board of Education plans to build three-story high school. J. Royer, Flat Iron Building, Urbana, Architect. \$200,000.

OAK PARK, ILL.—Avenue State Bank, 126 North Oak Park Avenue, plans to build two-story bank, 60 x 95 ft., brick and concrete, Park Avenue and North Boulevard. Puckey & Jenkins, 6 North Michigan Avenue, Chicago, Architects. \$100,000.

OAK PARK, ILL.—Board of Education, Oak Park and River Forest townships, receives bids in February for building four-story, brick and reinforced concrete high school on Ontario Street and East Avenue. Holmes & Flinn, 8 South Dearborn Street, Chicago, Architects. \$200,000.

INDIANA

NEW ALBANY, IND.—Masonic Temple is contemplated to cost \$75,000. Architect C. C. Martindale, 1200 Fletcher Trust Building, Indianapolis, Ind., has prepared plans for Masonic Temple Association, C. E. Citizens, County Treasurer, Court House, New Albany.

SHELBYVILLE, IND.—County infirmary to cost \$100,-

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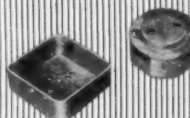
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000 has been designed by Architect Herbert Foltz, 1456 Lemcke Annex, Indianapolis, Ind., for Shelby County, Curtis Farrell, superintendent, Shelbyville.

IOWA

CEDAR RAPIDS, IOWA.—Douglas Co., core of W. H. Lender, manager, Tenth Avenue and H Street, W., plans to build warehouse between First Street and river and Tenth and Twelfth Avenues. Cost between \$200,000 and \$250,000.

CEDAR RAPIDS, IOWA.—Quaker Oats Co., C Avenue and Third Street, plans to build reinforced concrete and brick warehouse on Third Street, E., between B and D Avenues. Cost between \$150,000 and \$200,000.

FORT DODGE, IOWA.—Minneapolis & St. Louis Ry., Transportation Building, Minneapolis, Minn., plans to build one and two-story terminal plant, to include engine house, machine shop, boiler plant and power house. J. H. Reinholdt, Minneapolis, chief engineer.

KANSAS

ATCHISON, KAN.—Board of Education plans election in March to vote for \$100,000 bonds to build grade school and addition to high school.

BELOIT, KAN.—High school costing \$100,000 has been designed by Architects Wm. Saylor, 2638 Olive Street, Kansas City, Mo., and Frank Slack, Beloit. Owner, Board of Education, care H. Baer, chairman, Beloit.

HOLTON, KAN.—Jackson County voted \$100,000 bonds to build new hospitals. P. Fricker, chairman board of commissioners.

KENTUCKY

COVINGTON, KY.—Board of Education had plans prepared by McCarty & Bulford, architects, Hardman Building, Columbus, Ohio, for building two story, 79 x 237 ft., reinforced concrete, hollow tile and stucco school, on Greer and Robinson Streets.

LOUISVILLE, KY.—Four story hospital, 150 x 250, is in process of being planned by Architects Joseph & Joseph, 243 Atherton Building, for the Baptist Hospital Association, care of architect.

MARYLAND

BALTIMORE, MD.—Spedding Shipbuilding Co., Boston Street and Kenwood Avenue, let contract for rebuilding shipbuilding plant to Piel Construction Co., Edmondson and Whitman Avenues. \$55,000.

BALTIMORE, MD.—University Baptist congregation plans to build concrete, stone and marble church on Charles Street Avenue and Greenway Street, to cost between \$250,000 and \$300,000. W. M. McCormick, Pratt and Concord Streets, chairman building committee. John Russell Pope, 537 Fifth Avenue, New York City, architect.

BALTIMORE, MD.—Board of School Commissioners plan to build three story, 100 x 150 ft. concrete, stone and brick school for colored pupils on Calhoun and Lawrens Streets. J. W. Chapman, Madison and Lafayette Streets, president. \$170,000.

MICHIGAN

ANN ARBOR, MICH.—Hospital costing \$1,000,000 has been planned by Architects Albert Kahn & Ernest Wilby, Marquette Building, Detroit, Mich., for University of Michigan, Shirley W. Smith, secretary, Ann Arbor.

BESSEMER, MICH.—Board of Education receives bids about Feb. 1 for building two-story, brick and reinforced concrete school and power house. C. Anderson, Ironwood, Architect. \$125,000.

CRYSTAL FALLS, MICH.—C. A. Robinson had plans prepared by D. Hubert, Architect, Menominee, for three-story brick hotel. \$50,000.

DETROIT, MICH.—War Work Council, 600 Lexington Avenue, New York City, let contract for building two-story, 44 x 150 ft., brick and steel war service center building on St. Aubin Avenue and Grand Boulevard. to R. H. Howe Construction Co., 105 West Fortieth Street, New York City. \$100,000.

DETROIT, MICH.—Specifications are to be prepared at once for three new school buildings and an addition to another. The schools for which plans are to be drawn are to be at George and Concord avenues, on Emerson Avenue, and on a site to be obtained in the vicinity of the Thornton and Ivanhoe buildings. Appropriations for these schools already have been authorized.

GRAND RAPIDS, MICH.—Board of Education plans to build high school. H. H. Turner, care of Board of Education, Division Street, Architect. \$50,000.

GRAND RAPIDS, MICH.—Furniture Manufacturers' Association, 216 Lyon Street, N. W., plans to build two and one-half-story warehouse on Fulton Street. \$150,000.

HIGHLAND PARK, MICH.—Hospital building will be built at a cost of \$300,000 from plans by Architect Meyer J. Sturm, 116 S. Michigan Avenue, Chicago, Ill. Owner, City of Highland Park, Royal M. Ford, mayor, Highland Park.

HOWARD CITY, MICH.—Gillett Motor Truck Products Co. had plans prepared for one-story, 65 x 200 ft. steel factory.

MINNESOTA

JACKSON, MINN.—Parochial school will go up at a cost of \$20,000. W. F. Keefe, 658 Hague Avenue, St. Paul, Minn., Architect. Owner, St. Wencelaus R. C. Church, Rev. Ed. Kasel, Jackson.

ST. PAUL, MINN.—Cobb Hospital Association, 2056 Iglehart Avenue, had plans prepared by L. Bassindale, Architect, Capital Bank Building, for building hospital. \$400,000.

ST. PAUL, MINN.—St. Johns Hospital, Ninth and Exchange streets, is having plans prepared for hospital in Groveland Park District. \$500,000.

WINNEBAGO, MINN.—School will be erected at a cost of \$50,000 from plans by K. T. Snyder, Architect, 933 Plymouth Building, Minneapolis.

MISSOURI

KANSAS CITY, MO.—Kansas City Club, Twelfth and Wyandotte streets, let contract for building fourteen-story, steel club to Kansas City Structural Steel Co., 705 Orear-Leslie Building. \$275,000.

MARSHALL, MO.—City receives bids in January for electric light plant. Bonds for \$75,000 sold for project. Henrici-Lowry, 222 Commerce Building, Kansas City, engineers.

ST. LOUIS, MO.—City plans to issue \$360,000 bonds to build bathhouses and swimming pool on Twenty-third and Carr streets. E. R. Kinsey, City Hall, president board of public improvements.

ST. LOUIS, MO.—City plans to issue \$100,000 bonds to build comfort stations and shelter houses. E. R. Kinsey, City Hall, president board of public improvements.

ST. LOUIS, MO.—City plans to issue \$500,000 bonds to build gymnasiums and community centers. E. R. Kinsey, City Hall, president board of public improvements.

ST. LOUIS, MO.—Christian Brothers' College soon lets contract for brick and concrete college on Clayton Road. H. P. Hess, 4811 Cote Brillante Avenue, Architect. \$200,000.

ST. LOUIS, MO.—Deaconess Hospital Association, 4125 West Belle Place, plans to build hospital on Oakland and Berthold avenues. Cost between \$750,000 and \$1,000,000.

ST. LOUIS, MO.—Board of Public Service was recommended by City Plan Commission, H. Batholomew, engineer, to issue \$15,000,000 bonds for building group of public buildings facing City Hall and Municipal Courts Buildings. E. R. Kinsey, 301 City Hall, president.

ST. LOUIS, MO.—D. O'Neill, 6481 Ellenwood Avenue, let contract building one-story, 150 x 150 ft., brick, concrete and steel motor truck service station and repair shop, at 203-7 South Fourteenth Street, to S. Abrahams & Sons Constructing Co., Chemical Building. \$50,000.

MONTANA

BUTTE, MONT.—J. H. Wharton is having plans prepared for a one-story addition to Arizona Hotel. \$125,000.

NEW JERSEY

JERSEY CITY, N. J.—City Commission plans to build two-story brick and concrete boiler and engine room on City Hospital Grounds. \$50,000.

NEWARK, N. J.—E. I. du Pont de Nemours & Co., Du Pont Building, Wilmington, Del., had plans prepared for one-story, 100 x 120 ft., brick and steel addition to plant on Vanderpool Street and Avenue B. C. K. Weston, Wilmington, Del., publicity agent. \$45,000.



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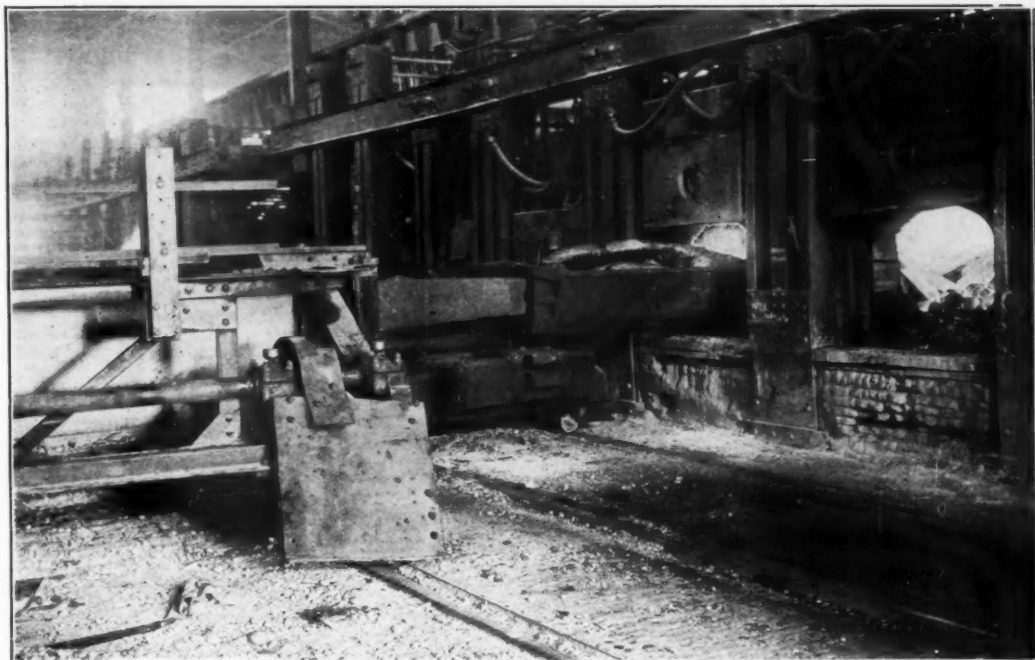
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NEWARK, N. J.—E. and H. Levy, Fourth Avenue and Nineteenth Street, had plans prepared by F. A. Phelps, Architect, 920 Union Building, for four-story 52 x 213 ft. and 40 x 46 ft., brick and reinforced concrete silk mill and power house on Purdy and O'Dell streets. \$75,000.

PATERSON, N. J.—Board of Education receives bids in spring for building three story school, 200 x 200 ft., brick and stone, on Broadway, between Graham Avenue and Eighteenth Street. F. I. Adams, City Hall, president. H. B. Crosby, First National Bank Building, architect. \$375,000.

NEW YORK

BROOKLYN, N. Y.—St. Gregory's congregation, Brooklyn Avenue and St. Johns Place, plans to build three-story, 40 x 135 ft., steel and brick school. Helmle & Corbett, 190 Montague Street, Architects. \$80,000.

BROOKLYN, N. Y.—Circle Garage Co., 250 Coney Island Avenue, will receive bids in January to build one-story, 50 x 200 ft., reinforced concrete steel and brick garage on Coney Island Avenue and Prospect Park West. Shampian & Shampian, 772 Broadway, Architects. \$45,000.

BROOKLYN, N. Y.—B. A. Cushman Co., 772 Nostrand Avenue, is having plans prepared for three-story, 45 x 85 ft., steel and brick bakery, Sterling Place and Nostrand Avenue. C. D. Cooley, Architect, Century Building, Pittsburgh, Pa., receives bids in February for project. \$55,000.

NEW YORK CITY, N. Y.—M. Groh's Sons, 238 West Twenty-eighth Street, is having plans prepared by Friedman, Robertson & Keeler, Architects, 90 West Street, for 10-story, 75 x 100 ft., steel and brick cold storage warehouse. \$250,000.

NEW YORK, N. Y.—Seventh Church of Christ Scientist, 606 West 110th Street, soon lets contract for building one story, 67 x 95 ft., stone and marble church at 516-22 West 112th Street. Griffin & Wyncoop, 30 Church Street, architects. \$50,000.

NEW YORK CITY, N. Y.—Chelsea Fireproof Warehouse Co., 436 West Twenty-sixth Street, will build five-story, 25 x 90 ft., steel and brick warehouse. \$25,000.

NIAGARA FALLS, N. Y.—Public Service Commission, Second District, granted permission to Niagara Falls Power Co. to issue \$2,000,000 bonds: proceeds will be used to build addition to power house No. 3.

ROCKAWAY, N. Y.—Zenith Amusement Co., 1579 Broadway, New York City, had plans prepared by T. W. Lamb, Architect, 644 Eighth Avenue, New York City, for one-story, 103 x 150 ft., steel and brick theater on Boulevard west of Manoeke Avenue. \$100,000.

STATEN ISLAND, N. Y.—Downey Shipbuilding Corp., Richmond Terrace, will build reinforced concrete shipyard. Plans include construction of bulkheads and docks and dredging, fitting out basin, etc. \$1,000,000.

UTICA, N. Y.—Masonic Order, 46 West Twenty-fourth Street, New York City, is having plans prepared by H. P. Knowles, Architect, 52 Vanderbilt Avenue, New York City, for two- or four-story, brick hospital here. Cost between \$400,000 and \$1,000,000.

YONKERS, N. Y.—Ludlow Hotel Co., 290 South Broadway, receives bids in February for building ten story, 90 x 217 ft. steel, stone and brick hotel, Ludlow Street and Broadway. Roberts Frost Co., 505 Fifth Avenue, New York City, architects. \$500,000.

NORTH CAROLINA

HENDERSON, N. C.—Sarah Elizabeth Hospital plans to construct new building here. R. B. Crowder, secretary. \$100,000.

SEDALIA, N. C.—Palmer Memorial Institute plans to build institution. Address C. H. Brown. \$50,000.

OHIO

AKRON, OHIO.—Board of Education, South Forge Street, is having plans prepared by F. R. Ridley, Architect, Cottage Place, for building two- or three-story Normal School on West Exchange and Bowery streets. \$250,000.

AKRON, OHIO.—Board of Education, South Forge Street, having plans prepared by T. R. Ridley, Architect, Cottage Place, for two-story addition to Mason School on Beaver Street, and two-story addition to Lincoln School on West Crosier Street. \$125,000 each.

ATHENS, OHIO.—Tuberculosis cottage costing \$25,000 will be designed for Ohio Board of Administration,

D. S. Creamer, president, Oak and Ninth Streets, Columbus, Ohio.

DAYTON, OHIO.—The Hoskot site has been chosen for the new west side high school. The price paid for the site was \$20,000. Address Board of Education.

DAYTON, OHIO.—Rev. Father J. P. Downey, pastor of the Holy Family parish, will begin the erection of a \$100,000 church during the coming year. Plans will be prepared by Murphy and Joekel.

HUBBARD, OHIO.—The Board of Education has voted to act at once under authority from the Capital Issues Committee on the issuance of \$200,000 bonds for the erection of new school buildings.

LIMA, OHIO.—A. J. Dunn has purchased a lot 50 x 200 on the east side of Union Street on which he plans to construct a \$65,000 building. The building will be completed by June 1 and will be constructed of pressed brick, terra cotta trimmed.

MT. VERNON, OHIO.—Tuberculosis hospital to cost \$50,000 will be erected from plans prepared by Architects Richards, McCarty & Bulford, Hartman Building, Columbus, Ohio. Ohio Board of Administration, owner, D. S. Creamer, president, Oak and Ninth Streets, Columbus.

PIQUA, OHIO.—Directors of the Citizens National Bank have decided to erect a new bank building on a site adjoining their property and present structure. Preliminary plans will be decided on as soon as an architect is selected. The structure will be of stone and pressed brick.

SANDUSKY, OHIO.—The Catawba Candy Co. is preparing for extensive additions to its factory on North Street. \$25,000 will be immediately expended but the contemplated additions will cost \$150,000.

TOLEDO, OHIO.—It is reported that Henry Ford of the Ford Motor Co., Detroit, is seeking the nitrate plant site on the East Side to be used as a location for a huge tractor factory.

TOLEDO, OHIO.—S. S. Royster Guano Co., Second National Bank Building, has purchased five acre site adjoining its plant and plans to build sulphuric acid plant. \$500,000.

TOLEDO, OHIO.—Redeemer Evangelical Lutheran congregation is having plans prepared by A. A. Hahn, Architects, care of E. H. Close Co., 513-15 Madison Avenue, for building 60 x 130 ft., church including 80 x 80 ft. gymnasium on Dorr and City Boulevard. \$190,000.

WASHINGTON C. H., OHIO.—Board of Education is having plans prepared by T. F. Huber, Architect, 754 Spitzer Building, Toledo, for five two-story, brick and concrete schools. \$800,000.

YOUNGSTOWN, OHIO.—The Youngstown Steel Car Co., of which Wm. Wilkoff is president, announces that plans have been completed for a new plant to cost \$2,000,000. A site of 75 acres has been acquired. Capacity of the property will be sufficient to provide for an annual gross business of about \$10,000,000 and employ about 2000 workers. To finance the undertaking, capital stock of the company will be increased from its present figure of \$250,000 to at least \$2,000,000 and possibly \$3,000,000. The plant will consist of three principal units and a number of smaller buildings.

ZANESVILLE, OHIO.—The J. B. Owens Floor and Wall Tile Co. will erect a new plant.

OKLAHOMA

GARBER, OKLA.—Hotel costing \$60,000 has been designed by Architect R. W. Shaw, Enid, Okla., for Leo Moran, Garber.

OKMULGEE, OKLA.—Stuart, Matthews & Baker soon let contract for building five-story, 55 x 100 ft., brick and reinforced concrete office on Fifth and North Grand streets. Smith, Rea & Lovitt, 602 Finance Building, Kansas City, Mo., Architects. \$112,000.

SHAWNEE, OKLA.—R. Pantier, Chrisney Building, let contract building two-story, 100 x 100 ft., brick and reinforced concrete creamery on Main and Park streets, to Cowan & Scott. \$25,000.

TULSA, OKLA.—Trustees of Henry Kendall College plan to build and improve college buildings. \$500,000.

OREGON

PORTLAND, ORE.—Globe Grain & Milling Co., Board of Trade Building, is having plans prepared by C. B. Thompson, engineer, care of Globe Grain & Milling Co., 901 East Third Street, Los Angeles, for five-story reinforced concrete flour mill here. \$150,000.

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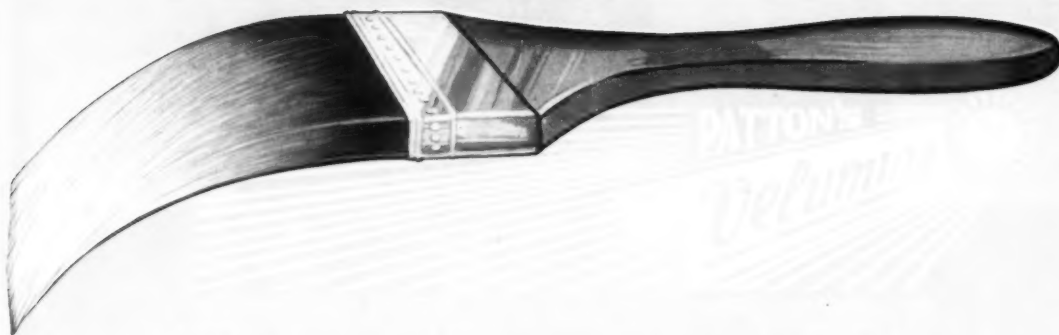
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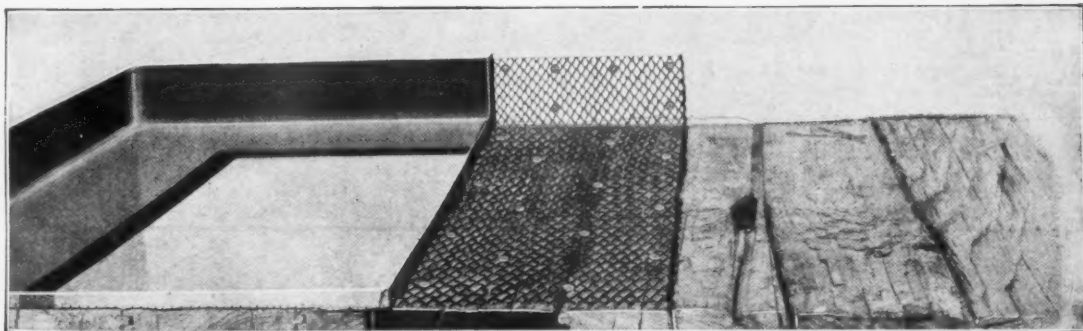
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PENNSYLVANIA

CHESTER, PA.—J. Sleeper, 625 Welch Street, had plans prepared by F. C. Watson, Architect, 625 Welch Street, for three-story business college, 42 x 110 ft., brick, 613-615 Welch Street. \$50,000.

McKEES ROCKS, PA.—St. Mary's congregation soon receives bids for building one-story, 50 x 100 ft., brick church on Helen and Ella streets. J. H. Philips, 604 Chartiers Avenue, Architect. \$600,000.

PHILADELPHIA, PA.—Supplee-Wills-Jones Milk Co., Twenty-sixth and Jefferson streets, let contract for building three-story, brick, steel and reinforced concrete factory addition at 3336-38 Market Street, to G. Kessler Contracting Co., Drexel Building. \$60,000.

PITTSBURGH, PA.—Atlantic Refining Co., Chamber of Commerce Building, let contract for building twenty one-story service stations to Metzger & Fischer, 112 South Sixteenth Street, Philadelphia. \$100,000.

READING, PA.—Carpenter Steel Co., River Road and Exeter Street, let contract for building one-story, 60 x 180 ft., power plant to Beard Construction Co., Fifth and Walnut Streets. \$100,000.

SHARON, PA.—The Industrial Gas and Chemical Company of Youngstown, Ohio, has been incorporated with \$250,000 capital to erect a plant which will be located in Sharon, Pa., where a site has already been secured and operations will start next spring. The plant will be used to manufacture welding gases, chemicals and dyestuffs.

SHARON, PA.—Plans for the reconstruction of the department burned in the recent fire at the Pennsylvania Tank Car Company's plant at Petroleum are under way and work will be started immediately on the erection of new and more modern buildings than those which were destroyed. The forge department and paint shop were totally destroyed in the recent fire and another department was damaged, causing a loss of about \$75,000.

VALLEY FORGE, PA.—Valley Forge Memorial Commission plans to build one-story memorial church. C. C. Harrison, 400 Chestnut Street, Philadelphia, chairman. Zantinger, Borie & Medary, Otis Building, Philadelphia, Architects. \$100,000.

WILKES-BARRE, PA.—C. W. Evans, architect, Coal Exchange Building, receives bids in spring for building three story parish house, 80 x 140 ft., brick and stone, for St. Stephens Episcopal Church, 27 West South Street. F. W. Sterret, pastor. \$100,000.

SOUTH DAKOTA

HURON, S. D.—Farmers Equity Union, Aberdeen, purchased site here and plans to build creamery. \$100,000.

TENNESSEE

KNOXVILLE, TENN.—University of Tennessee, Carrick Hall, is having preliminary plans prepared by Miller, Fullenwider & Dowling, architects, 6 North Michigan Avenue, Chicago, for a group of buildings to include two story, 110 x 140 ft. drill hall and gymnasium, also main building, auditorium and administration building, brick and stone. \$625,000.

TEXAS

BEAUMONT, TEX.—Board of Education are having plans prepared for addition to high school. \$70,000.

BONHAM, TEX.—First Baptist congregation soon receives bids for building two-story, 96 x 124 ft., hollow tile church. N. F. Marsh, 211 Broadway, Central Building, Los Angeles, Cal., Architect. \$60,000.

HOUSTON, TEX.—Crown Oil Co. plans to build refinery. \$500,000.

PARIS, TEX.—W. B. Wise plans to build garage on Main and Houston Streets. \$25,000.

VIRGINIA

RICHMOND, VA.—Federal Reserve Bank, 1109 East Main Street, receives bids in January for building five story, 100 x 110 ft., brick, steel and concrete bank and office, on East Main Street. Buckler & Fenhagan, 11 East Pleasant Street, Baltimore, Md., architects. \$350,000.

WASHINGTON

SEATTLE, WASH.—Trinity Parish Church, Eighth and James Streets, is having plans prepared by J. Graham, architect, Joshua Green Building, for church costing \$200,000.

WISCONSIN

CAMP DOUGLAS, WIS.—Architect Edw. Tough, 24 E. Mifflin Street, Madison, Wis., has prepared plans for hotel to cost \$40,000 for Benj. F. Bell, Camp Douglas.

FOND DU LAC, WIS.—Galloway-West Co., 24 West Division Street, had plans prepared by R. E. Mehner, Architect, Fond du Lac, building three-story, 148 x 170 ft., reinforced concrete condensory, cheese factory and garage, also 125 ft. concrete shack.

HARTFORD, WIS.—Kissel Motor Car Co. had plans prepared for four-story brick office. \$50,000.

HARTFORD, WIS.—City plans to build memorial home to contain community rest room, armory and club room. \$50,000.

HAYWARD, WIS.—American Veneer Co. plans to build brick and steel veneer mills. \$75,000.

JEFFERSON, WIS.—Commissioners Jefferson Co. receive bids in spring for building two- and three-story, 100 x 150 ft., brick, reinforced concrete and steel sanitarium. F. C. Edwards, Ft. Atkinson, chairman. O. C. Uehling, First National Bank Building, Milwaukee, Architect. \$75,000.

KENOSHA, WIS.—Kenosha Co. plans to build courthouse and jail. \$100,000.

LA CROSSE, WIS.—La Crosse Tractor Co., Front and King Streets, plans to build one-story brick and steel factory. B. P. Mahey, general manager. \$100,000.

MILWAUKEE, WIS.—E. Brielmaier & Sons, Architects, 401 University Building, receive bids in spring for one and two-story, 90 x 160 ft. Gymnasium, with two 48 x 140 ft. wings, brick, concrete and steel on Clubborn Street, for Marquette University, Twelfth Street and Grand Ave. \$200,000.

MILWAUKEE, WIS.—Manufacturing plant to cost \$100,000 will go up on Hopkins Road and Lake Street, Milwaukee. Architect F. D. Chase, 122 S. Michigan Avenue, Chicago, Ill., has prepared plans for Standard Steel Corp., Edw. J. De Guenther, president, 908 Maestric Building, Milwaukee.

MILWAUKEE, WIS.—Shop, office and garage costing \$15,000 is to be erected at Farwell Avenue by H. Schmidt & Son, Inc., 422 E. N. Avenue.

MILWAUKEE, WIS.—Factory addition to cost \$60,000 will go up at Sixty-fourth & Pullen Avenue from plans by engineers Klug & Smith, Mack Block. Owner Sterling Wheelbarrow Co., L. R. Smith, president, Sixty-fourth & Pullen Avenue.

MILWAUKEE, WIS.—Luick Ice Cream Co., Jackson and Ogden Avenues, plans to build two-story, 50 x 120 ft., reinforced concrete brick and steel addition to factory, reinforced concrete flooring. H. Schmitt & Son, 422 East North Avenue, engineers. \$30,000.

MILWAUKEE, WIS.—C. E. Malig, city engineer, contemplates a one-story, 100 x 120 ft., brick, concrete and steel meter repair shop on Third and Clinton Streets. \$60,000.

RACINE, WIS.—Factory to cost \$35,000 has been designed by Architect D. R. Davis. Owner E. C. Tecktonius Manufacturing Co., 1225 Thirteenth Street.

RACINE, WIS.—Factory to cost \$100,000 is contemplated by Perfex Radiators Co., Eighteenth and Flett avenues.

SHEBOYGAN, WIS.—Citizens Telephone Exchange, 706 Eighth Street, is having plans prepared by W. C. Weeks, Architect, 720 Ontario Avenue, for four-story, brick and concrete exchange.

SUPERIOR, WIS.—Lehigh Valley Coal Sales Co., foot South Fiftieth Avenue, W., let for contract building coal handling plant, forty-ton capacity, to Link Belt Co., Twenty-ninth Street and Stewart Avenue, Chicago. \$275,000.

WALES, WIS.—Infirmary costing \$100,000 has been designed by Architect Arthur Peabody, Capitol Building, Madison, Wis., for State Board of Control, M. J. Tappins, secretary, Capitol Building, Madison.

WEST ALLIS, WIS.—Factory addition is contemplated for erection on Seventy-fifth and National avenues. Owner Neininger & Korth, Seventy-fifth and National avenues.

WEST ALLIS, WIS.—R. Messmer & Bro., Architects, 221 Grand Street, Milwaukee, receives bids in January for three-story, 176 x 277 ft., reinforced concrete and steel high school on National and Sixty-seventh streets, for Board of Education, Milwaukee. \$360,000.

WEST ALLIS, WIS.—F. M. Davis, 350 Twenty-fourth Avenue, and J. T. Thompson, 1580 Stowell Place, both of Milwaukee, receive bids in the spring for building one-story, 100 x 200 ft., brick, steel and concrete factory, concrete foundation, here.



Stained with Cabot's Stucco Stains
Harland A. Perkins, Architect, Boston

A Four-Year Record of Cabot's Stucco Stains

Gentlemen:

Wakefield, Mass., November 11, 1911.
Last spring I used over two hundred gallons of your Waterproof Cement Stains on Miss Boit's new house at Wakefield. This was a job I was very particular to have right, and I am glad to say your material has proved entirely satisfactory in every way.

JAMES F. SHERRITT.

Four Years Later:

In September, 1915, an examination of the Boit residence by an expert decorator showed that the Cabot's Cement Stains had worn so well and grown so soft and beautiful with age that he advised against re-coloring the stucco when the other parts of the house were painted. This is typical of the results obtained. These Stains tint stucco surfaces in soft, rich colorings that grow more charming under the action of the weather.

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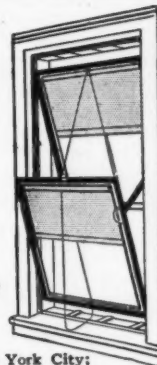
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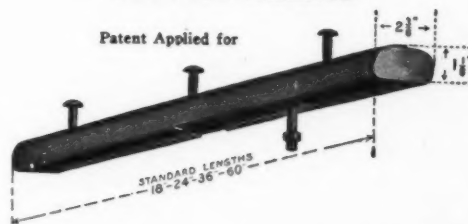


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BUILDING NEWS

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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

CALIFORNIA

HOLTVILLE, CAL.—The Imperial Valley Milk Producers' Association has plans for the construction of a model creamery which it contemplates constructing at a cost of approximately \$150,000.

LOS ANGELES, CAL.—The Walter Slater Co., 2314 Santa Fe Avenue, will construct a frame mechanical arts building at the Lincoln High School; cost \$29,500. building at the Lincoln High School at \$29,500.

LOS ANGELES, CAL.—Plans are being prepared for the construction of a one story mercantile building at East Third Street, near Los Angeles Street. The building will be 65 x 120 ft. in size and will have concrete foundation, brick walls, heavy mill interior construction, etc. Richard D. King, 517 Van Nuys Building, Architect.

LOS ANGELES, CAL.—Plans are being prepared for the construction of a one story and basement psychopathic ward building to be constructed at the Los Angeles county farm. The building will consist of two wings, each 269 ft. long and 30 ft. wide. Parker O. Wright, Architect; William Davidson, Chief Mechanical Engineer, Ninth Floor, Hall of Records.

OAKLAND, CAL.—The American Machine Works, Mr. A. A. Wise, president, has just purchased five acres bounded by Wood, Willow, Twenty-fourth and Twenty-sixth streets, West Oakland, from the Realty Syndicate Company, Oakland, as a factory site. Buildings costing \$100,000 or more are to be constructed.

SAN DIEGO, CAL.—Musher & Co. of New York City, importers of olive oil, will construct a \$100,000 cannery on the water front here. John G. Buerkle, Pacific Coast Agent.

SAN FRANCISCO, CAL.—Cunningham & Politeo, First National Bank Building, San Francisco, have been commissioned by the proprietors of the Techau Tavern to design an elaborate café in the two-story St. Francis Theater on Geary Street. The present Techau Tavern site has been purchased by the Bank of Italy, which is to build a bank building there.

SAN FRANCISCO, CAL.—Cunningham & Politeo, First National Bank Building, San Francisco, are preparing plans for a duplicate of the Arcadia dancing hall in San Francisco, the building to be constructed in the downtown section of Oakland. This structure will represent an outlay of from \$50,000 to \$100,000.

SAN FRANCISCO, CAL.—Funds for an Aquarium, amounting to \$250,000, are available. At the November election the voters authorized the Supervisors to spend \$20,000 annually for the maintenance of the Aquarium. Preliminary plans by Architect Lewis P. Hobart are now in the hands of the building committee, of which Dr. Everman is chairman. They call for a structure 150 x 130 ft., and largely of steel and glass.

SAN FRANCISCO, CAL.—A brick and steel municipal building costing \$100,000 has been designed by Carl Werner, Phelan Building, San Francisco.

SAN FRANCISCO, CAL.—Ward & Blohme, Alaska Commercial Building, are preparing plans for a country home to be built at Burlingame for Mr. William P. Fuller, Jr., at a cost of \$25,000 or more.

SAN FRANCISCO, CAL.—Carl Werner, Phelan Building, San Francisco, expects to turn out plans soon for new Masonic buildings costing \$500,000 or more. The list includes a Scottish Rite Temple at Fresno and a Masonic building at Stockton, also a one-story brick addition to the Masonic Home at Decota.

SAN FRANCISCO, CAL.—Ward & Blohme, Alaska Commercial Building, San Francisco, have completed preliminary plans for a four-story and basement reinforced concrete factory and office building to be erected on the northeast corner of Eighth and Howard streets, San Francisco, for the Owl Drug Company, at an approximate cost of \$200,000.

SAN FRANCISCO, CAL.—E. A. Garin, 1849 Page Street, San Francisco, has completed plans for a four-story and basement brick factory building, offices and salesrooms to be erected at Fourteenth and Valencia streets, San Francisco, for the San Francisco Casket Company. The building will be 50 x 215, and of mill construction type. \$70,000.

SAN FRANCISCO, CAL.—Plans have been completed by John Reid, Jr., First National Bank Building, San Francisco, for the new Twin Peaks Primary school, to cost \$25,000, and drawings are under way for a two-story frame and brick veneer schoolhouse in the Richmond district to be known as the Park Presidio School. This structure will contain about eighteen rooms and an assembly hall and will cost in excess of \$100,000.

SAN FRANCISCO, CAL.—E. E. Young, 251 Kearny Street, San Francisco, reports that construction will be started early in the new year on two apartment houses, work upon which was deferred by the war. Both are for Mr. Herman Hogrefe, 110 Upper Terrace, San Francisco. One building will be a four-story brick and will be erected on Leavenworth Street, near Eddy, at an estimated cost of \$50,000. The other building will be a three-story frame structure at Stockton and Pine streets, to cost \$30,000. Mr. Young is also making plans for a frame apartment house on Dolores Street, to cost \$16,000.

SAN PEDRO, CAL.—Plans have been completed for the construction of a three story and basement Class C store and hotel building at Sixth Street. The building will be 50 x 120 ft., for Lyman Farwell, 2908 S. Figueroa Street, and John B. Dawson, 705 Fay Building, Los Angeles.

CONNECTICUT

DURHAM, CONN.—Factory costing \$150,000 is in course of design by Engineer Chas. S. Palmer, 191 Church Street, New Haven, Conn. Owner Merriam Mfg. Co., Durham, care Ward Church, 129 Church Street, New Haven.

WATERBURY, CONN.—Factory to cost \$30,000 will be erected on S. Main Street for the Waterbury Buckle Co., Arthur J. Smith, president and treasurer, Julius Maltby, secretary, 872 S. Main Street. Brick.

WATERBURY, CONN.—Church addition was designed by Architect Jos. A. Jackson, 1133 Broadway, N. Y. C., for Immaculate Conception Church, Rev. Luke Fitzsimmons, 98 E. Main Street, Waterbury. \$20,000.

WATERBURY, CONN.—Church to cost \$25,000 was designed by Architect W. E. Grigg, 51 W. Main Street, for St. Paul's P. E. Church, care G. F. Bates.

WATERBURY, CONN.—Club house to cost \$27,000 was designed by Architect Henry F. Wenzel, 6 Glen Ridge Street, for St. Stanislaw Society, care Architect.

WATERBURY, CONN.—School will be rebuilt at a cost of \$150,000 from plans by Architect L. A. Walsh, 51 Leavenworth Street. Owner City of Waterbury School Commission, in charge.

WATERBURY, CONN.—High school to cost \$400,000-\$500,000 will be designed by Architect L. A. Walsh, 51 Leavenworth Street, Waterbury, for City of Waterbury Board of Education, Peter Fitz Henry, chairman, 546 Highland, Waterbury.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—J. C. Loehler Co., Franklin Bank Building, this city, was awarded contract for constructing post office department annex at 209 Twelfth Street, N. W., at \$13,500.

FLORIDA

JACKSONVILLE, FLA.—It has been announced that the officials of the Florida East Coast Railroad plan to construct a fine tourist hotel building here. The building will be a three story reinforced concrete and stucco structure.

IDAHO

IDAHO FALLS, IDAHO.—The Idaho Falls National Bank will erect a \$100,000 structure.

ILLINOIS

CHICAGO, ILL.—R. C. Wieboldt Co., this city, was awarded contract for constructing reinforced concrete building, five stories and basement, 96 x 152 ft., to be used for bank and offices at Forty-second and Loomis Streets, for Morris & Co., at an approximate cost of \$300,000.

IT SAVES COAL



This table shows the
Monthly Coal Saving,
in Dollars and Cents
per 100 feet of pipe
by using
"85% Magnesia"
Pipe - Coverings

Size of Pipe Inches	5 lbs. Steam Pressure	10 lbs. Steam Pressure	20 lbs. Steam Pressure	30 lbs. Steam Pressure	40 lbs. Steam Pressure	50 lbs. Steam Pressure	60 lbs. Steam Pressure
1/2	\$1.44	\$1.58	\$2.20	\$3.28	\$3.66	\$4.11	\$5.80
3/4	1.72	1.89	2.87	3.70	4.26	4.89	8.03
1	2.11	2.30	3.56	4.80	5.35	6.04	10.00
1 1/4	2.52	2.74	4.22	5.52	6.50	7.25	12.20
1 1/2	2.56	3.10	4.73	6.14	7.29	8.17	13.79
2	3.53	3.74	5.86	7.63	8.93	10.11	16.80
2 1/2	4.25	4.39	6.95	9.07	10.55	11.90	19.90
3	5.00	5.33	8.30	10.90	12.60	14.30	23.82
3 1/2	....	6.22	9.60	12.40	14.40	16.32	27.23
4	....	7.08	10.60	14.05	16.40	18.40	30.85
4 1/2	....	7.89	11.80	15.35	17.92	20.25	34.00
5	....	8.64	13.16	17.20	20.00	22.72	38.00
6	....	10.15	15.60	20.38	23.82	26.88	44.90
7	....	....	18.38	23.68	27.60	30.80	52.00
8	....	....	20.40	26.60	31.20	34.90	58.55
9	....	....	22.70	29.00	34.52	38.61	64.80
10	....	....	25.00	32.70	38.40	43.08	72.40
Boilers and flat surfaces per 100 sq. ft. 1 1/2 in. thick	5.26	5.67	8.80	11.50	13.48	15.12	25.44

FACTS are enlightening things. For the man who doesn't see how it is that "85% Magnesia" pipe and boiler coverings save their cost many times over, here are the figures.

They are conservatively based on the most exhaustive series of tests ever made. These tests extended over more than a year. They were conducted by the Mellon Institute of Industrial Research, a scientific institution of the highest standing, which certifies their absolute correctness.

What Will "85% Magnesia" Save You?

We ask your special attention to the fact that these savings are *per hundred lineal feet of pipe per month*. To find the actual saving for your own steam plant you must multiply this monthly saving by the number of hundreds of feet of steam pipe you have. To find the total saving for a full year, you must again multiply this figure by twelve.

Then you will know the exact coal-saving efficiency of "85% Magnesia."

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Are my pipes and boilers properly covered with the most efficient heat-saving insulation?

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The cost of thorough protection by "85% Magnesia," against heat losses, will repay itself, not in years but in months. It will continue to save indefinitely, not only in the actual money cost of coal but also by greatly increased efficiency in the operation of your steam plant, whether it be used for heating or power.

The National Coal Saver

The value of "85% Magnesia" as a conservator of heat and saver of fuel is demonstrated by the fact that for over thirty years it has been the official standard of the U. S. Navy. During this same period it has been the choice of the leading power and heating engineers of the country and of the leading railroads and

steamship lines. It is endorsed and approved by the U. S. Fuel Administration and the U. S. Shipping Board.

The World-War of Industries

The coming economic world-struggle will be purely one of industries. The best equipped factories, with the lowest cost of production and the greatest economy of operation, will be the most successful. The basis of all industry is coal. To save coal is one of the mightiest steps towards industrial supremacy.

Copies of this table will be sent free on request. The members of the Magnesia Association will gladly furnish further information if desired, on this vital subject of heat insulation. If you are an engineer or architect, ask also for the Specification for the proper application of "85% Magnesia," compiled and indorsed by the Mellon Institute of Industrial Research and issued by the

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Alvin M. Ehret, Ehret Magnesia Mfg. Co., Valley Forge, Pa.
J. R. Swift, The Franklin Mfg. Co., Franklin, Pa.
R. V. Mattison, Jr., Kearsbey & Mattison Co., Ambler, Pa.

CHICAGO, ILL.—Warehouse, office building & sales-room costing \$50,000 has been designed by Architects Davidson & Weiss, 53 W. Jackson Boulevard for Hill, Clarke & Co., H. W. Mens, secretary, 625 Washington Boulevard.

CHICAGO, ILL.—Bank and office building will go up at a cost of \$50,000. Plans were drawn by Architect J. K. Cady, 179 W. Washington Street, for Douglas Park State Bank, Jos. Kostner, president, 1404 Independence Boulevard.

JOLIET, ILL.—Factory to cost \$140,000 will be built on Irving Street from plans drawn by Architect C. W. Webster, Cutting Building. Owner Joliet Forge Co., J. D. Sharpe, president. Brick and steel.

LAKE FOREST, ILL.—Memorial library to cost \$150,000 has been designed by Architect Howard Shaw, 39 S. State Street, Chicago, Ill.

INDIANA

ELKHART, IND.—High and grade school costing \$110,000 will go up from plans by Architects A. H. Ellwood & Son, Haynes Building.

INDIANAPOLIS, IND.—Marion County sold \$100,000 issue of tuberculosis hospital bonds. The money is to be used for the enlargement and better equipment of the Sunnyside sanatorium.

INDIANA HARBOR, IND.—Hotel is contemplated to cost \$80,000. Architect L. H. Warriner, 527 Broadway, Gary, Ind. Owner P. T. C. Leisi, 3469 Michigan Avenue, Indiana Harbor.

IOWA

CEDAR RAPIDS, IOWA.—A \$100,000 Victory building is being planned for this city as a memorial to the boys who offered themselves for service in the war.

DES MOINES, IOWA.—City sold school bonds amounting to \$500,000 for the construction of two new high schools.

GRINNELL, IOWA.—Contract was let to Lightner Bros., 611 Security Building, Cedar Rapids, for building for St. Francis Hospital, care Sister Paul, Mother Superior, Clinton. Architect Damon & O'Meara, Fort Dodge. Two stories and basement, 40 x 146. \$100,000.

JEFFERSON, IOWA.—Architects Proudfoot, Bird & Rawson, 810 Hubbell Building, Ninth and Walnut Street, Des Moines, Iowa, are revising plans for a \$140,000 high school for Board of Education, S. C. Culbertson, president, Jefferson.

MT. PLEASANT, IOWA.—High school will be remodeled from Y. M. C. A. building at a cost of \$90,000. Architect G. L. Lockhart, 391 Endicott Building, St. Paul, Minn., for Board of Education, J. C. McCoid, president, Mt. Pleasant.

STANTON, IOWA.—General construction was awarded to C. W. Johnson, Chariton, for orphanage designed by Architect W. L. Perkins, Chariton, for Swedish Lutheran Church, Stanton, two stories, 45 x 32. \$65,000.

WATERLOO, IOWA.—Sketches are being prepared for church to be erected by First Presbyterian Church, Rev. J. R. Macartneue, 102 Independence Avenue, from plans drawn by Architect Clinton P. Shockley, 719 Black Building. \$75,000.

KANSAS

ARKANSAS CITY, KAN.—It has been decided to hold a special bond election for the purpose of securing funds to erect a \$100,000 memorial hall adjoining the new \$50,000 city building in memory of the soldiers and sailors from this county who have paid the supreme sacrifice.

HILLSBORO, KAN.—College costing \$100,000 has been planned by Architect Wm. Mampe, 559 Sheidley Building, K. C., Mo., for Tabor College, care Prof. Lorntz, president, Hillsboro.

MAINE

AUGUSTA, ME.—Hospital addition and improvements costing \$80,000 are contemplated. Architects Wm. Bunker, Augusta Trust Building, Augusta, and E. F. Stevens, 9 Park Street, Boston, Mass. Owner City of Augusta, Mrs. Sarah Hayden, superintendent.

MARYLAND

BALTIMORE, MD.—Packing plant will be remodeled at a cost of \$60,000. Architect H. P. Friend, Boyer Arcada, Norristown, Pa. Owner D. B. Martin Co., J. J. Martin, president, Thirtieth and Market streets, Phila., Pa. General contract let to Consolidated Engr. Co., 243 Calvert Building, Baltimore.

MASSACHUSETTS

BOSTON, MASS.—Austin Co., Cleveland, Ohio, received contract for constructing five buildings for the Air Reduction Co. of New York City. The cost will be approximately \$40,000.

BOSTON, MASS.—Storage building to cost \$90,000 will go up in Boston for U. S. Government, C. W. Parks, Chief Bureau Yards & Docks, Navy Department, Washington, D. C.

EVERETT, MASS.—The Standard Envelope Sealer Mfg. Co., Somerville, Mass., are having plans prepared for a two-story brick and concrete manufacturing building, 65 x 120 ft., by Walter T. Littlefield, 9 Hamilton, Place, Boston, Mass.

NEWBURYPORT, MASS.—Post office will go up at a cost of \$70,000. Acting Supervising Architect Jas. A. Wetmore, Treasury Department. Owner U. S. Government, Carter Glass, secretary, Treasury Department. Both of Washington, D. C.

NEW BEDFORD, MASS.—Grammar school costing \$150,000 was designed by Architect N. C. Smith, 645 Pleasant Street, New Bedford, Consulting Architect Frank Irving Cooper, 33 Cornhill, Boston, Mass., for City of New Bedford, Superintendent of Public Buildings, Wm. Gibbs, Municipal Building, New Bedford.

WALTHAM, MASS.—Tuberculosis hospital to cost \$50,000 is being designed by Architect Olin W. Gutter, 683 Atlantic Avenue, Boston, Mass., and Walter B. Ross, 203 Summer Street, for Middlesex G. County Commissioners, Chas. Irson, County Building, East Cambridge, Mass.

MICHIGAN

DETROIT, MICH.—Church will be erected at a cost of \$30,000. Architects Worthmann & Steinbach, 155 N. Clark Street. Owner St. Joseph R. C. Church, Rev. Marcizk, 2333 Mango Avenue.

GRAND RAPIDS, MICH.—Junior high school has been designed by Architect H. H. Turner, Division Street. Owner Board of Education, H. M. Morrill, City Hall. \$50,000.

GRAND RAPIDS, MICH.—Grade school costing \$100,000 is to be erected from plans by Architect H. H. Turner, 24 Division Street, for Board of Education, H. M. Morrill, secretary, City Hall.

HANCOCK, MICH.—Church and parish house will be erected at a cost of \$75,000 from plans drawn by Architect H. T. Liebert, 632 First National Bank Building, Milwaukee, Wis. First Congregational Church, Geo. L. Christensen, secretary, Houghton, Mich., owner.

HOWELL, MICH.—Architect R. A. LeRoy, Pratt Building, Kalamazoo, Mich., has prepared plans for a \$150,000 high school. Owner Board of Education, Dr. J. E. Brown, president, Howell.

PORTLAND, MICH.—There will be a special school election Dec. 26 on the proposition of bonding the district for the sum of \$100,000 to cover the cost of a new school house.

MINNESOTA

DULUTH, MINN.—A \$95,000 grade school was designed by Architects Croft & Boerner, Lonsdale Building, for Board of Education, C. A. Bronson, clerk, City Hall.

ELGIN, MINN.—High and grade school costing \$30,000 is contemplated by the Board of Education, 2nd School District No. 57, E. L. Rollins, clerk, Elgin. Geo. J. Hoffman, Rochester, Minn., Architect.

LEWISTON, MINN.—High school will be altered and improved at a cost of \$40,000. Architect Geo. J. Hoffman, Rochester, Minn., will be in charge. Owner Board of Education, District No. 22, F. H. Blanchard, president, Lewiston.

MAGNOLIA, MINN.—Consolidated school costing \$35,000 is proposed for erection from plans by Architects Geo. Pass & Son, Ekle Building, Mankato, Minn.

MINNEAPOLIS, MINN.—Auditorium, bible school, stores, offices and apartment buildings to cost \$1,000,000 have been designed by Architect Jas. A. Burner, 945 McKnight Building, for Northwestern Missionary & Training School, Rev. W. Riley, Eleventh Street and Harmon Place.

MOORHEAD, MINN.—Preliminary plans for the construction of the proposed new city hall and fire department headquarters to cost approximately \$45,000 were approved by the city council.

SHERBURN, MINN.—Revised plans are nearing completion for church for St. Luke's R. C. Church, Rev. P. J. Kearney, Sherburn. Architect, W. F. Keefe, 658 Hague Avenue, St. Paul. \$50,000.

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Long-Bell

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Manufacturers of Southern Pine, hardwood, oak flooring and creosoted lumber, ties, posts, poles, piling and wood blocks.



MONTANA

BILLINGS, MONT.—Norwegian Lutheran Church has had plans completed for church. Architect, Thorwald Thorson, Forest City, Iowa. Brick construction. \$50,000.

HELENA, MONT.—Girls' dormitory will be built in addition to the Montana Wesleyan College in Helena. \$100,000.

LIVINGSTON, MONT.—Plans for the state fish hatchery to be built in Park County, near Emigrant, are complete. State Game Warden J. L. DeHart will survey site soon. \$20,000.

MILES CITY, MONT.—Business men are planning to build national guard armory as memorial to men of Custer County who took part in war. \$25,000.

NEBRASKA

EAGLE, NEB.—An \$85,000 school has been designed by Architect Ellery Davis, Security Mutual Life Building, Lincoln, Neb., for Board of Education, H. H. Frantz, secretary, Eagle.

FREMONT, NEB.—County may soon vote bonds to build a memorial for Dodge County soldiers on the site of the old Dodge County jail.

LAKEVIEW, NEB.—Omaha Potash & Refining Co., with capital of \$1,000,000, plans to build potash plant 20 miles south of Lakeview. \$500,000.

LINCOLN, NEB.—Westminster Presbyterian congregation has decided to build church at a cost of \$75,000.

OMAHA, NEB.—The Skinner Mfg. Co. has announced it will start at once to construct on property east of the present plant. The addition will be 132 ft. square and will be used for storage and manufacturing purposes, of reinforced concrete and steel construction, entirely fireproof. Plans for the new building are now being prepared. Harry Lawrie, Architect.

NEW JERSEY

CAMDEN, N. J.—A \$250,000 school was designed by Architect E. Litchfield, 477 Fifth Avenue, N. Y. C., for Fairview Realty Corporation, care U. S. Shipping Board, Emergency Fleet Corporation, 253 N. Broad Street, Philadelphia.

NEW BRUNSWICK, N. J.—Junior High School to cost \$350,000 has been designed by Architect Alex. Merchant, 353 George Street, for Board of Education, A. L. Smith, president, Bayard Street School.

NEW BRUNSWICK, N. J.—School addition costing \$45,000 will be erected from plans by Architect Alexander Merchant, 353 George Street, for Board of Education, A. L. Smith, president, Morris Bauer, clerk, Bayard Street School.

TRENTON, N. J.—Church, Sunday school and parsonage costing \$25,000 has been designed by Architect C. W. Bolton & Son, 1321 Walnut Street, Philadelphia, Pa., for Pilgrim Presbyterian Church, care Edward Lee, chairman, City Hall, Trenton.

NEW YORK

BROOKLYN, N. Y.—Architect C. B. J. Snyder, Municipal Building, N. Y. C., has plans for P. S. 100 to cost \$200,000. Owner Board of Education, Arthur S. Somers, president, corner Fifty-ninth Street and Park Avenue, N. Y. C.

NEW YORK CITY, N. Y.—Psychiatric hospital will go up at a cost of \$750,000. State Architect Lewis F. Pilcher, Capitol, Albany, N. Y. E. S. Elwood, secretary state hospital commission, Capitol, Albany.

NEW YORK, N. Y.—Plans have been completed for a new ten-story cold storage plant, to be erected by M. Groh's Sons, Inc., 238 West Twenty-eighth Street, New York, at 245-51 West Twenty-seventh Street, at an estimated cost of \$250,000.

POUGHKEEPSIE, N. Y.—Factory will have addition to cost \$40,000. Owner Knickerbocker Motors Inc., Herbert G. Street, president, 170 Broadway, N. Y. C. Brick, timber. Builder Edgar V. Anderson, 39 Market Street, Poughkeepsie.

POUGHKEEPSIE, N. Y.—Factory addition costing \$50,000 is proposed for erection on Cherry Street for the Poughkeepsie Cutlery Works, Wm. E. Eppert, president. Brick.

SYRACUSE, N. Y.—Private hospital to cost \$100,000 was designed by Architect Harry D. Phoenix, Union Building, for Onondaga Hospital Association.

NORTH CAROLINA

KINGSTON, N. C.—Trustees of Caswell Training School will rebuild the girls' dormitory which was recently destroyed by fire at a loss of \$35,000 to \$40,000.

NORTH DAKOTA

WARSAW, N. D.—Plans completed for convent. Owner withheld. Architect A. A. Tocha, 1227 N. Ashland Avenue, Chicago, Ill. Three stories, 40 x 53. \$35,000.

OHIO

ATHENS, OHIO.—It is expected that the State Legislature which will convene in January will appropriate \$25,000 for the construction of a tuberculosis cottage at Athens for the Ohio Board of Administration, D. S. Creamer, president, Oak and Ninth Streets, Columbus, Ohio.

CLINTON, OHIO.—Architect John Morrell, Howes Block, has drawn preliminary plans for paper mill for Klein Paper Mill Co. Steel and brick construction. \$100,000.

DAYTON, OHIO.—Church to cost \$150,000 has been designed by Architects Schenck & Williams, Mutual Building, for owner Grace M. E. Church, Rev. Geo. W. Bunton, 333 N. Roberts Boulevard.

HUBBARD, OHIO.—The Capital Issues Committee has authorized the issuance of bonds amounting to \$200,000 for the construction of new school building.

MANSFIELD, OHIO.—Plans will soon be begun by Architect Vernon Redding and bids will be taken by the City Hospital Association, Chas. Fuchs, City National Bank Building, secretary, for a nurses' home. The structure will be three stories and basement, 38 x 70 ft., and will cost \$28,000.

MT. VERNON, OHIO.—The State Legislature at its January session is expected to appropriate \$50,000 for a tuberculosis hospital for the Ohio Board of Administration, D. S. Creamer, president, Oak and Ninth Streets, Columbus, Ohio, to be erected here.

PORTSMOUTH, OHIO.—Round house to cost \$75,000 is planned by Engineer J. E. Crawford, Roanoke, Va., for Norfolk & Western Railroad, A. C. Needles, Roanoke.

SPRINGFIELD, OHIO.—Sketches have been made by Samuel Hannaford & Sons, Architects, Cincinnati, for a hospital addition to cost \$60,000 for this city. Warren A. Meyers, president of the Board of Hospital Commissioners.

TOLEDO, OHIO.—Stockholders of the Paragon Refining Co. have voted to expend \$50,000 on building and storage facilities to be erected on ground recently purchased by the company.

TOLEDO, OHIO.—It has been announced by T. W. Warner, president of the Chevrolet Motor Co., that the company has purchased additional property approximating 5 acres surrounding its factory at Central Avenue and Michigan Central Railway, on which it plans to expand its factory to a \$4,000,000 or \$5,000,000 plant within two years. The construction of a two-story brick factory building 150 x 150 ft. will be started at once facing Maplewood Avenue.

WARREN, OHIO.—The Stevens Co. of Chicago will erect a hotel here on High Street at a cost of \$250,000.

WASHINGTON COURT HOUSE, OHIO.—The Sunlight Creameries, just incorporated for \$1,000,000, have closed negotiations to locate their executive offices and big creamery at Washington Court House. The plant will cover 12 acres of ground and will include a five-story cold storage plant and big sales pavilion. The building to be erected in the neighboring city will cost from \$500,000 to \$800,000 and will be one of the largest plants of its kind in the United States.

ZANESVILLE, OHIO.—The Y. M. C. A., D. S. Snedeker, secretary, Main Street, near Third Street, plans a \$250,000 building. Architects, C. D. McLean, 301 Robinson Building, Rock Island, Ill., and A. A. Hansen, People's Bank Building, this city.

OKLAHOMA

HEAVENER, OKLA.—School District No. 3 voted bond issue of \$23,900 for constructing school building. S. J. Folsom, School Board clerk.

OREGON

PORTLAND, ORE.—Plans and specifications have been completed for the Standard Oil Co. for the construction of three fireproof oil storage tanks to be built at Linnton at a cost of \$25,000. Each tank will be 60 x 40 ft. in diameter, of steel, with concrete base. C. H. Benson, division superintendent of construction, Yeon Building.

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PENNSYLVANIA

CARLISLE, PA.—E. C. Beetem & Son, Carlisle, Pa., are considering plans for the erection of a one-story power plant, 50 x 70 ft., at their carpet works, to cost about \$50,000.

ENOLA, PA.—High school is contemplated for erection at \$100,000. Architect C. Howard Lloyd, Telegraph Building, Harrisburg, Pa., has prepared the plans for the Board of Education, J. H. Kinder, president, Enola.

MARCUS HOOK, PA.—The Austin Co., Cleveland, Ohio, have contract for constructing a modified Austin No. 9 building, 106 x 109 ft., which will cost approximately \$32,000, for the National Aniline & Chemical Co.

PHILADELPHIA, PA.—The Austin Co., Cleveland, Ohio, received contract for constructing a special Austin No. 5 building, 100 x 150 ft., for the American Engineering Co. The cost will be approximately \$45,000.

PHILADELPHIA, PA.—Hospital addition will cost \$65,000. Architects Stearns, Woodnut & Schmol, Stephen Girard Building, have prepared plans for Frankford Hospital, Nathan Hall, superintendent, Wakeling & Frankford Avenue, Frankford, Philadelphia. General contract let to W. A. Dougherty, 161 Sansom Street.

STATE COLLEGE, PA.—Vocational school costing \$25,000 has been planned by Architect Frederick C. Disfae, State College, for Gregg Township School Board, J. W. Zer, secretary, Centre Hall, Pa.

RHODE ISLAND

CENTRAL FALLS, R. I.—High school costing \$50,000 was designed by Architect Wm. P. Walker & Son, 17 Custom House Street, Providence, R. I., for City of Central Falls, chairman Linnel School Commission, Superintendent of Schools, E. L. Adams, Central Falls.

SOUTH DAKOTA

RAPID CITY, S. D.—The Dacotah Packing Co., Inc., with capital stock of \$1,500,000, was incorporated by Orville V. Rinehart and John L. Burke, Rapid City, and H. F. Fellows of Sioux Falls, S. D., to construct a new plant.

TENNESSEE

KNOXVILLE, TENN.—Plans are being prepared for the construction of a gymnasium, two and five stories; 110 x 150 ft., brick and stone trimming, to cost \$170,000; also a \$500,000 administration building and \$150,000 army building for the University of Tennessee. Miller, Fullenwider & Dowling, 6 N. Michigan Avenue, Architects.

TEXAS

BEAUMONT, TEX.—Plans are being prepared for the construction of a twelve room addition to the Beaumont High School. Total estimated cost, \$70,000. Address school board.

FORT WORTH, TEX.—Construction work on a refinery of the Federal Oil & Refining Co. will begin Jan. 1 on a fifty acre tract of land east of the Gulf Production Co.'s refinery on the Texas & Pacific Railroad.

PARIS, TEX.—C. E. Goodhand, Chadron, Neb., will construct U. S. Post Office here, at \$185,000.

VIRGINIA

NEWPORT NEWS, VA.—C. C. Vellines, this city, was awarded contract for constructing storage warehouse at 215-17 Twenty-third Street, three stories and basement, 50 x 100 ft., of brick construction, at an approximate cost of \$25,000.

NORFOLK, VA.—The Navy Department, Washington, D. C., is contemplating the rebuilding of the steam heating plant at the navy base here which was destroyed by fire at a loss of \$30,000.

QUANTICO, VA.—Navy Department, Washington, D. C., contemplates constructing twenty-four officers' houses and administration buildings to cost \$250,000, also for constructing additional buildings and improvements to cost \$70,831.

RICHMOND, VA.—A \$400,000 bank was designed by Architects Sill, Buckley & Fenhagen, 11 E. Pleasant Street, Baltimore, Md., and Thos. Bruce Boyd, 286 Fifth Avenue, N. Y. C., for U. S. Government, Federal Reserve Bank, Geo. J. Seay, Richmond.

RICHMOND, VA.—Hospital will go up at a cost of \$160,000. Architects Carneal & Johnson, Chamber of Commerce Building. Owner Retreat for the Sick, Col. E. G. Massey, president, Mutual Building. General contract let to John T. Wilson Co., Mutual Building.

YORKTOWN, VA.—Five storage buildings costing \$750,000 are contemplated by the U. S. Government, C. W. Parks, Chief Bureau of Yards & Docks, Navy Department, Washington, D. C. General contract let to Hughes Foilkrod Co., Commonwealth Building, Phila.

WASHINGTON

SEATTLE, WASH.—The stockholders of the Fishermen's Canning & Cold Storage Co. of Pt. Angeles and Seattle have voted to erect a \$250,000 plant for curing and canning the entire catch of the United Fishermen of the Pacific at Ediz Hook on a 10 acre tract. The company, recently incorporated with a capital stock of \$500,000, has authorized the board of directors to advertise for material bids and machinery at once, so that construction work may commence early in spring.

SEATTLE, WASH.—Preliminary sketches are being prepared for the construction of a \$500,000 Victory cathedral to be located on Harvard Avenue, between Spring and Seneca Streets, for the St. Mark's Episcopal Church congregation. E. Frere Champney, Henry Building, Architect.

SEATTLE, WASH.—Harding F. Allen, 1107 American Bank Building, this city, awarded contract for constructing one-story masonry garage building, 100 x 150 ft., for the Commercial Security Co., at Westlake Avenue and Nickerson Street. Building will cost approximately \$40,000.

TACOMA, WASH.—Plans are being prepared for improving the Point Defiance Park, including a bathing and eating pavilion 600 ft. long and a bathing tank. Total estimated cost, \$75,000. A. J. Russell and E. M. Dugan, Architects.

WEST VIRGINIA

MARTINSBURG, W. VA.—Church and Sunday school will be erected for \$20,000. Architect Fred J. Mack, Negley Building, Hagerstown, Md., is finishing plans. Owner Second U. B. Church, care Rev. J. H. Ford, W. A. McCarroll, Virginia Avenue, Martinsburg.

WISCONSIN

CHIPPEWA FALLS, WIS.—Plans are completed for laundry. Owner State Board of Control, Madison, Wis. Architect Arthur Peabody, Madison, Wis., brick and concrete, one-story, 50 x 80; wing, 40 x 40. \$20,000.

CUDAHY, WIS.—Contract was let to Wm. F. Tubesing Co., 139 Chestnut, Wauwatosa, for cold storage warehouse to be built for Cudahy Bros. Co., four stories and basement, 80 x 200. \$150,000.

EAU CLAIRE, WIS.—Preliminary plans completed for church to go up for First Congregational Church, J. A. Playter, care Eau Claire National Bank. Architects, Holmes & Finn, 8 S. Dearborn Street, Chicago, Ill. \$85,000.

FOND DU LAC, WIS.—Sisters of St. Agnes Hospital, 390 Division Street, Fond du Lac, will build hospital addition. Architect not yet selected.

JANESVILLE, WIS.—Board of Education, Francis Grant, contemplates high school, \$250,000; 1st Ward school, \$100,000; 4th Ward school, \$150,000.

LA CROSSE, WIS.—The La Crosse County Conservation Club is planning to build fish hatchery. W. E. Barber, state conservation commissioner.

LA CROSSE, WIS.—Armour & Co., packers, U. S. Yards, Chicago, Ill., will build cold storage plant, plans in progress. \$200,000.

LA CROSSE, WIS.—Gibson Bros., 1115 Caledonia Street, will start construction in spring of a brick and concrete ice cream factory. Architect not selected. \$25,000.

LANCASTER, WIS.—Owner Grand County, care of County Board, J. C. Bennett, chairman building commission, contemplates building tuberculosis sanitarium. Architect and site not yet selected.

OWEN, WIS.—Pearl Button Co., W. Erickson, manager, plans factory in Owen, Wis., one story and basement, brick and concrete. Architects, Bentley & Merman, Linker Building, La Crosse. \$20,000.

STANLEY, WIS.—Plans completed for grade school. Architect Gus Krasin, Marshfield; hollow tile and brick, stone trim, one story and basement. 40 x 53, township of Thorp. Owner District No. 6. Mike Gorzny, clerk, Stanley.

WAUKESHA, WIS.—Owner Board of Education, Sidney Putney, president, considering rebuilding heating plant in high school, for 1919. Architects Van Ryn & DeGelleke, 726 Caswell Block, Milwaukee.

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ALABAMA

FLORENCE, ALA.—Princess Amusement Co. had plans prepared by G. D. Waller, Architect, Florence, for 67 x 125 ft. brick and concrete opera house. \$50,000.

ARIZONA

EAGAR, ARIZ.—Latterday Saints congregation is having plans prepared by S. A. Shreeve, Architect, Col. Hudson Building, Ogden, Utah, for church. \$75,000.

GLOBE, ARIZ.—Supervising Architect, Treasury Department, Washington, D. C., will authorize construction of United States post office here.

NOGALES, ARIZ.—City plans to build market costing \$50,000.

PHOENIX, ARIZ.—Trustees Phoenix School District contemplate building two-story, 80 x 120 ft., brick school. Marsh, Howard & Wallingford, 211 Broadway, Central Building, Los Angeles, Cal., Architects. \$150,000.

PHOENIX, ARIZ.—Plans are being prepared for the construction of the El Zariba Temple. Tentative plans provide for a two-story structure, with a high basement, 120 x 140 ft., reinforced concrete and brick construction. Total estimated cost, \$150,000. Lescher & Kibbey, Architects.

TUCSON, ARIZ.—The president of the University of Arizona has made recommendation to regents for the construction of a second women's dormitory to cost \$150,000, a men's dormitory to cost \$125,000 and a science building to cost \$80,000 during the coming year.

ARKANSAS

RUSSELLVILLE, ARK.—Supervising Architect, Treasury Department, Washington, D. C., plans constructing United States post office here.

CALIFORNIA

CORONA, CAL.—The Cresmer Mfg. Co., Riverside, Cal., awarded contract for constructing a part one-story and a part two-story brick and frame cannery building for the Exchange By-Products Co. of Pomona.

ENGLEWOOD, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct two double cottages, a four-room cottage and a sewer system. Total estimated cost, \$9,000.

FRESNO, CAL.—Trustees University Colony School District, at the office of Coates & Traver, Architects, 626 Rowell Building, Fresno, will receive bids for the construction of a school building.

LOS ANGELES, CAL.—Board of Education will construct Manual Arts Building on the Jefferson High School site, at Twenty-eighth Street and Hooper Avenue, to be one story, 100 x 100 ft. in size.

MARE ISLAND, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct power house, cottage and sewer ejector at the Beach Radio Station, Cal. Total estimated cost, \$50,000.

MERCED, CAL.—The Merced Union High School trustees will have new plans prepared for the construction of a high school building to conform to a new site.

NEWPORT, CAL.—The Newport School District of Orange County will vote on Jan. 11 on the issuance of \$10,000 bonds for the construction of a new school building.

SAN DIEGO, CAL.—A site has been selected at Camp Kearny for the construction of an infirmary building 156 x 40 ft.

SAN FRANCISCO, CAL.—Bureau of Yards and Docks, Navy Department, will construct two double cottages, a four-room cottage and a sewer system extension. Estimated cost, \$9,000.

CONNECTICUT

BRIDGEPORT, CONN.—Salvation Army, 82 Elm Street, receives bids in spring for five-story hotel on Elm near Main Street. \$100,000.

DURHAM, CONN.—Merriam Mfg. Co. is having plans prepared by C. S. Palmer, Architect, 191 Church Street, New Haven, for plant to replace one destroyed by fire. Plans include brick and timber office building, 40 x 100

ft. stamping room, 30 x 230 ft. soldering room and 45 x 110 ft. storage kiln. \$40,000.

HARTFORD, CONN.—R. N. Clark, city engineer, proposes building one-story brick and timber market, concrete flooring and concrete foundation, on Main, Wells and Elm Streets. \$100,000.

HARTFORD, CONN.—Connecticut General Life Insurance Co., 64 Pearl Street, is having plans prepared by J. O. Rogers, Architect, 470 Fourth Avenue, New York City, for office building on Elm Street. \$500,000.

HARTFORD, CONN.—Phoenix Mutual Insurance Co., 49 Pearl Street, let contract for building six-story office, 135 x 150 ft., brick and concrete, on Elm Street, to M. Eidlitz & Son, 30 East Forty-second Street, New York City. \$500,000.

HARTFORD, CONN.—State Commission will submit plans to Legislature for approval of \$2,000,000 bonds to build State prison. L. W. Robinson, 42 Church Street, New Haven, Architect. Ford, Buck & Sheldon, 60 Prospect Street, consulting engineers.

NEW LONDON, CONN.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will complete the buildings for the nets at the naval station.

PARKVILLE (HARTFORD P. O.), CONN.—Jewell Belting Co., 55 Trumbull Street, Hartford, plans to build one and two-story, 100 x 450 ft., reinforced concrete and brick factory, reinforced concrete flooring, concrete foundation, here. H. Wolcott, Elmwood, engineer. \$100,000.

STAMFORD, CONN.—H. & H. Foundry Co., 770 Pacific Street, is having plans prepared for one-story, 100 x 400 ft., brick and concrete foundry on Pacific Street. \$40,000.

WEST HARTFORD, CONN.—Town receives bids in spring for two-story, 100 x 100 ft., brick, steel and timber high school, reinforced flooring and concrete foundation, on South Main Street. \$100,000. C. S. Lane, 1631 Boulevard, chairman Building Committee.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Boyle-Robertson Construction Co., this city, was awarded contract for constructing a laboratory for the Fish Commission in Henry Park, at \$46,000.

WASHINGTON, D. C.—Supervising Architect, Treasury Department, Washington, D. C., authorized construction of the South Building for the United States Hygienic Laboratory at Washington.

FLORIDA

MELBOURNE, FLA.—S. J. Overstreet, Superintendent of Trevar County School Board, Titusville, Fla., will construct a school building, two stories, 185 x 80 ft., with an auditorium extension 54 x 72 ft., reinforced concrete. Total estimated cost, \$60,000. A. P. Lewis, Architect, Miami, Fla.

TAMPA, FLA.—Latin Labor Unions plan to build three-story Temple, 50 x 95 ft., with 95 x 100 ft. adjoining structure. Bonfey & Elliott, Petteway Building, Architects.

GEORGIA

ATLANTA, GA.—R. C. Turner, city electrician, recommended that city issue \$70,000 bonds to build electric light plant. H. L. Collier, city engineer.

LYONS, GA.—Toombs County Commissioners will rebuild courthouse recently destroyed by fire. Estimated cost, \$50,000. A. Blair, Georgia Life Building, Architects.

SAVANNAH, GA.—Forest City Ice Cream Co., 241 Whitaker Street, plans to build plant costing \$100,000. B. J. Ford, manager.

WEST POINT, GA.—Supervising Architect, Treasury Department, Washington, D. C., will accept bids for the construction of a United States post office here.

IDAHO

NAMPA, IDAHO.—Sisters of Mercy had plans prepared by Tourtellotte & Hummel, Architects, Overland Building, Boise, for 40 x 152 ft. brick and concrete hospital to cost \$50,000.



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ILLINOIS

CHICAGO, ILL.—National Biscuit Co., 112 West Adams Street, plans to build several mill construction additions to existing plants.

CHICAGO, ILL.—Bunte Bros., 730 West Monroe Street, plans to build candy factory on Franklin and Ohio Streets. \$1,500,000.

CHICAGO, ILL.—Channel Chemical Co., 1419 Carroll Avenue, plans to purchase site and build factory costing \$500,000.

CHICAGO, ILL.—B. A. Eckert Milling Co., 1300 Carroll Avenue, plans to build addition to flour mill on Carroll and Sheldon Avenues at a cost of \$100,000.

CHICAGO, ILL.—Englewood Lodge, A. F. and A. M., 6730 Wentworth Avenue, plans to build three-story, 75 x 150 ft., brick and steel temple. \$175,000.

CHICAGO, ILL.—A. S. Best, Wabash and Randolph Streets, plans to build eight-story office and store, 89 x 96 ft., reinforced concrete. \$300,000.

CHICAGO, ILL.—S. W. Strauss & Co., 6 North Clark Street, plans to build twelve-story, 80 x 160 ft., steel office on Madison and Clark Streets. \$2,500,000.

CHICAGO, ILL.—Logan Square, No. 891, A. F. and A. M., 3117 Logan Boulevard, plans to build four-story temple, 54 x 100 ft., brick and steel, on Fullerton Avenue at Logan Square. \$100,000.

CHICAGO, ILL.—Wisconsin Steel Co., 606 South Michigan Avenue, plans to build by-products plant to cost over \$2,000,000. Contract for foundations for buildings let to Sumner-Solitt Co., 79 East Adams Street.

CHICAGO, ILL.—Illinois Packing Co., 3950 Normal Avenue, had plans prepared by Henshein & McLaren, 1600 Old Colony Building, for a four-story, 85 x 145 ft., brick and timber packing plant, reinforced concrete flooring and concrete foundation, at 925 West Thirty-seventh Street. \$125,000.

CHICAGO, ILL.—Fourteenth Church of Christian Scientist, 1639 Montrose Avenue, proposed building one-story, 106 x 143 ft., steel church, reinforced concrete flooring, at 4450 North Paulina Street. N. M. Dunning, 310 South Wabash Avenue, Architect. \$200,000.

CHICAGO, ILL.—Pennsylvania Ry., Union Station, is having plans prepared by R. G. Pierce, Architect, 10 South La Salle Street, for building two-story, 50 x 90 ft., brick and reinforced concrete machine shop, reinforced concrete flooring and concrete foundation, on Fourteenth Street and Pennsylvania tracks. E. R. Barry, division engineer. \$40,000.

MT. CARMEL, ILL.—American National Bank will build two-story, 45 x 80 ft., bank. J. M. Mitchell, secretary. C. Shopbell, Furniture Building, Evansville, Ind., Architect. \$50,000.

INDIANA

CULVER, IND.—A. Knell, Architect, 5661 Natural Bridge Road, St. Louis, Mo., will construct two-story, 100 x 160 ft., library building on the campus of the Culver Military Academy. Estimated cost, \$70,000.

HARTFORD CITY, IND.—Ft. Wayne Corrugated Paper Co., Murray and Barr Streets, Ft. Wayne, plans to build two-story addition to factory at a cost of \$75,000. Address D. S. Griffith.

NEW ALBANY, IND.—Masonic Temple Association had plans prepared by C. E. Martindale, Architect, 1200 Fletcher Trust Building, Indianapolis, for four-story, 75 x 110 ft., temple. \$75,000.

SHELBYVILLE, IND.—The Board of Commissioners of Shelby County and the County Council decided to proceed with plans for the construction of a county infirmary on a 240-acre farm situated south of Shelbyville. Estimated cost of the structure is \$80,000. Herbert Foltz, Architect, Indianapolis, Ind.

IOWA

CLINTON, IOWA.—Klein Paper Co., Nineteenth Avenue and Fifth Street, had plans prepared by J. Morrill Co., Architects, Howes Block, for brick and steel paper mill. \$100,000.

DES MOINES, IOWA.—Kurtz Hardware Co., 312 Walnut Street, is having plans prepared for six or seven-story reinforced concrete plant on Third Street.

DES MOINES, IOWA.—Board of Education will build two-story school reinforced concrete and brick. Proudfoot, Bird & Rawson, 810 Hubbell Building, Architects. \$150,000.

FORT DODGE, IOWA.—Minneapolis & St. Louis R. R., Transportation Building, Minneapolis, Minn., plans to build a one and two-story terminal plant and power house. J. H. Reinholdt, Minneapolis, chief engineer.

SIoux CITY, IOWA.—Western Terminal Elevator Co., recently incorporated, plans to build a 1,000,000-bushel elevator. \$650,000. M. King, 634 Davidson Building, president.

WATERLOO, IOWA.—Board of Education will build three-story, 50 x 180 ft., reinforced concrete and brick school. J. G. Ralston, 417 Syndicate Building, Architect. \$150,000.

KANSAS

ATCHISON, KAN.—Bailor Plow Co., Thirteenth and Utah Streets, plans to build new factory. E. V. Jones, secretary. \$250,000.

KENTUCKY

DAWSON SPRINGS, KY.—Karlsbad Hotel Co. of America plans to build eight-story, 450 x 650 ft., reinforced concrete and brick hotel, to include casino, sanitarium, clubhouse, bathhouse, etc. W. W. Ahlschlager, 133 West Washington Street, Chicago, Architect. \$4,000,000.

MARYLAND

BALTIMORE, MD.—M. McI. Dukehart & Co., 641 Light Street, purchased site on Key Highway and plans to build one and two-story, 210 x 269 ft., concrete and brick plant. Cost, between \$75,000 and \$100,000.

BALTIMORE, MD.—Safe Deposit & Trust Co., 13 South Street, plans to alter and build five-story reinforced concrete, steel and brick addition to store and office on Charles and Clay Streets. J. J. Nelligan, president. T. W. Pietsch, 1210 American Building, Architect. \$50,000.

INDIANA HARBOR, MD.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct two four-family houses. Total estimated cost, \$70,000.

MASSACHUSETTS

BOSTON, MASS.—Trustees Electric Garage, care of A. F. Bowditch, engineer, 44 Bromfield Street, plant to build two-story, 90 x 91 ft., and 232 x 233 ft., brick, steel and concrete garage at 57-93 West Dedham Street. \$175,000.

CHATHAM, MASS.—Coleman Bros., 1 Marginal Street, Chelsea, Mass., will construct boiler house, heating and drainage system, and pump house and gasoline storage and supply system at the naval air station here at \$33,250.

NEW BEDFORD, MASS.—Parsons Steam Laundry Co., 270 Acushnet Street, receives bids in spring for three-story, 80 x 80 ft., brick and concrete addition to laundry, concrete flooring and concrete foundation. \$50,000.

WAKEFIELD, MASS.—Town Commission receives bids in spring for high school. Hartwell, Richardson & Driver, 27 State Street, Boston, Architects. \$275,000.

MICHIGAN

DETROIT, MICH.—Newcomb Endicott Co., 190-200 Woodward Avenue, had plans prepared by H. S. Angell, Architect, 722 Free Press Building, for twelve-story mercantile building, 60 x 110 ft., brick and reinforced concrete, reinforced concrete flooring and concrete foundation, on Woodward and Grand River Avenues.

DETROIT, MICH.—F. Stearns & Co., Jefferson Avenue, had plans prepared by A. Kahn, Architect, Marquette Building, for eight-story, 100 x 110 ft., reinforced concrete and steel plant, reinforced concrete flooring and concrete foundation, on Jefferson Avenue and Belvue Street.

DETROIT, MICH.—Board of Education, 50 Broadway, will construct two-story, 102 x 223 ft., brick, reinforced concrete and steel school building, reinforced concrete flooring and concrete foundation, on Emerson Avenue. Estimated cost, \$275,000. Malcomson & Higginbotham, 404 Moffat Building, Architects.

FLINT, MICH.—J. E. Burroughs and J. C. Zimmerman had preliminary plans prepared for store building on Saginaw Street. \$260,000.

PORT HURON, MICH.—W. H. Reid plans to build brick theater and office, reinforced concrete and steel, concrete foundation, on Military Street. \$200,000.

MINNESOTA

HAWLEY, MINN.—Board of Education will build two-story, 67 x 118 ft., brick and stone school, costing \$50,000. K. T. Snyder, 933 Plymouth Building, Architect.

HIBBING, MINN.—Hibbing Electric Light Co. plans to build two-story reinforced concrete, brick and steel



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plant south of Great Northern R. R. tracks. C. Foster, manager. \$400,000.

ST. PAUL, MINN.—Board of Education plans to build reinforced concrete and brick sub-normal school on Fourteenth Street, between Robert and Jackson Streets. C. A. Hausler, City Hall, City Architect. \$300,000.

WINNEBAGO, MINN.—F. Duncanson is having plans prepared by W. F. Keefe, Architect, 1192 Portland Avenue, St. Paul, for building two-story, 50 x 200 ft., reinforced concrete and brick warehouse. \$50,000.

MISSISSIPPI

PASCAGOULA, MISS.—Louisville & Nashville R. R. is contemplating the construction of a passenger station, enlarging warehouses and extending tracks, etc. W. H. Courtenay, chief engineer, Louisville, Ky.

MISSOURI

CONCORDIA, MO.—Plans have been prepared for the construction of a living room and gymnasium for St. Paul's College, 43 x 125 ft. and 52 x 80 ft., three stories, brick and stone construction. Total estimated cost, \$60,000. Charles F. May, Merchants' Laclede Building, St. Louis, Mo., Architect.

KANSAS CITY, MO.—J. E. Taylor, Ridge Building, this city, was awarded contract by the Methodist Episcopal Church for the construction of a building at Linwood Boulevard and Olive Street, two stories and basement, 71 x 100 ft. Estimated cost, \$100,000.

ST. LOUIS, MO.—A. C. Welsh Construction Co., Central National Bank Building, was awarded contract by the Holy Trinity Parish for the construction of a school building at 1420 Mallinkrodt Street, two stories, at an approximate cost of \$29,000.

ST. LOUIS, MO.—Deaconess Hospital Association, 4125 West Belle Place, proposes building hospital on Oakland and Bethold Avenues. Cost, between \$750,000 and \$1,000,000. W. Wedemeyer, Wainwright Building, Architect.

ST. LOUIS, MO.—Hussmann Refrigerator Co., 911 North Broadway, receives bids about March 1 for one-story, 130 x 200 ft., brick, concrete and steel factory on Leffingwell Avenue and North Market Street. H. J. Schulte, 1517 North Twenty-third Street, Architect. \$50,000.

MONTANA

BILLINGS, MONT.—Merchants National Bank, Northern Building, is having plans prepared by Weary & Alford, Architects, 1007 Michigan Avenue, Chicago, for \$300,000 bank and office. R. J. Covert, president.

NEBRASKA

LAKESIDE, NEB.—Omaha Potash & Refining Co. plans to build plant 20 miles south of here. \$500,000.

LINCOLN, NEB.—Westminster Presbyterian congregation plans to build church here. \$75,000.

OMAHA, NEB.—Skinner Mfg. Co., Fourteenth and Jackson Streets, is having plans prepared by H. Lawrie, Architect, 619 Paxton Block, for building six-story, 132 x 132 ft., reinforced concrete manufacturing plant on Thirteenth and Jackson Streets. P. F. Skinner, president.

NEW JERSEY

ATLANTIC CITY, N. J.—Brighton Realty Co. had plans prepared for building two-story concrete addition to Ambassador Hotel, Brighton Avenue. \$75,000.

BAYONNE, N. J.—Board of Education soon receives bids for building addition to Public School No. 11, Twenty-third Street and Avenue A. \$65,000.

BOONTON, N. J.—Board of Education is having plans prepared by W. Potter, Architect, 1 Union Square, New York City, for two-story, 110 x 150 ft., School, steel and brick, on Old Boonton Road and Lathrop Avenue. \$125,000.

GLASSBORO, N. J.—State Board of Education, Trenton, purchased site and plans to build Normal School here. F. H. Bent, Bound Brook, Architect. \$300,000.

NEWARK, N. J.—E. I. du Pont de Nemours & Co., 278 Passaic Street, contemplate building one-story, 100 x 200 ft., steel and brick storehouse. C. K. Weston, Du Pont Building, Wilmington, Del., publicity agent. \$55,000.

NEW BRUNSWICK, N. J.—Board of Education had plans prepared by A. Merchant, Architect, 363 George Street, for three-story, 175 x 175 ft., brick and concrete school on Livingstone Avenue. A. L. Smith, president. \$400,000.

TRENTON, N. J.—State plans to purchase building on New York Avenue to convert into garage and warehouse; also construct new building. F. H. Bent, Bound Brook, Architect. \$70,000.

NEW YORK

COHOES, N. Y.—Board of Education plans to build two-story school, steel and brick, concrete foundation. Tucker & Marsh, 101 Park Avenue, New York City, Architects. \$210,000.

BROOKLYN, N. Y.—Carleson & Wiseman, Architects, 226 Henry Street, have plans for building four-story, 75 x 100 ft., steel and brick hospital on Bushwick Avenue and Cedar Street for Bushwick Maternity Hospital, 761 Bushwick Avenue. \$70,000.

BROOKLYN, N. Y.—M. Montrose & Sons, Architects, 533 Nostrand Avenue, have plans for building one-story theater, 120 x 171 ft., steel and brick, at Fulton Street and Howard Avenue, for H. Weingarten, 1901 Broadway. \$70,000.

NEW YORK, N. Y.—Seventh Church of Christ Scientist, 606 West 110th Street, let contract for building one-story, 67 x 94 ft., stone and marble Church at 516-22 West 112th Street, to Burke Bros. Construction Co., 62 West Forty-fifth Street. \$50,000.

NEW YORK, N. Y.—New York State Veterinary College, 338 West Twenty-sixth Street, is having preliminary sketches made by Cady & Gregory, Architects, 40 West Thirty-second Street, for four-story, 74 x 95 ft., steel and brick school, concrete foundation, on First Avenue and Twenty-seventh Street.

NEW YORK, N. Y.—B. Altman & Co., Fifth Avenue and Thirty-fourth Street, are having plans prepared by F. G. Frost, Architect, 19-25 West Forty-fourth Street, for six and nine-story, 75 x 200 ft., steel and brick garage, warehouse and storage plant, reinforced concrete flooring, at Thirty-sixth and Thirty-seventh Streets, between Second and Third Avenues. \$250,000.

NEW YORK, N. Y.—Knickerbocker Hospital, 128th Street, had plans prepared by Helmle & Corbett, Architects, 190 Montgomery Street, Brooklyn, for seven-story, 150 x 200 ft., steel and brick hospital, concrete foundation, to be erected at 130th Street and Convent Avenue. \$500,000.

PHOENIX, N. Y.—Sweet Paper Co. plans to build reinforced concrete machine room to replace one destroyed by fire. Cost, between \$75,000 and \$85,000.

POUGHKEEPSIE, N. Y.—Poughkeepsie Cutlery Works plans to build four-story, 75 x 125 ft., brick addition to factory on Cherry Street. \$50,000.

ROCHESTER, N. Y.—City soon lets contract for building one-story, 24 x 400 ft., brick and tile bathhouse at Durand Eastman Park, and two-story, 40 x 80 ft., stucco bathhouse at Lake Beach in Twenty-third Ward. F. F. Elwood, city engineer.

NORTH DAKOTA

GRAND FORKS, N. D.—Plans have been prepared for the construction of a \$100,000 theater to be erected on De Mers Avenue, between Fourth and Fifth Streets, and to be known as the New Grand. A. J. Kavanagh, proprietor.

OHIO

AKRON, OHIO.—Wellman-Seaver-Morgan Co., 7004 Central Avenue, Cleveland, let contract for building four-story, 40 x 60 ft., brick, steel and reinforced concrete office to Hunkin-Conkey Co., 601 Century Building, Cleveland. \$60,000.

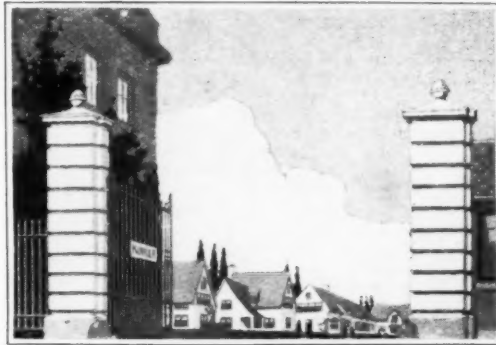
CLEVELAND, OHIO.—J. H. Donahey, Plain Dealer Building, let contract for building one-story, 54 x 179 ft., brick and timber salesroom, reinforced concrete flooring, at 2002 Euclid Avenue, to E. Paulson Co., 429 Erie Building. \$50,000.

CLEVELAND, OHIO.—Steel plant. Engineer taking bids, Erie, Pa. \$200,000. Architects and general contractors, Arthur C. McKee & Co., 130 Rockefeller Building. Owner, Wayne Steel Co., Erie, Pa. Steel frame. Equipment included in general contract.

CLEVELAND, OHIO.—Glates Silver Co. plans to build brick and concrete warehouse and storage at 727 Bolivar Road. J. Katsarsy, 303 Erie Building, Architect. \$50,000.

CLEVELAND HEIGHTS (WARRENSVILLE P. O.), OHIO.—Board of Education receives bids in spring for building addition to schools on Noble, Fairfax and Roxboro Roads. \$125,000 each. F. C. Warner, 768 Hippodrome Annex, Cleveland, Architect and engineer.

CLEVELAND, OHIO.—Pipe bending plant. The Austin Co., 1612 Euclid Avenue, selected as Architect. Bay-



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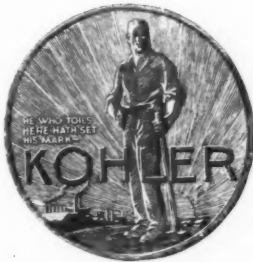
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onne, N. J. Owner, Cox Automatic Pipe Bending Co., 149 Broadway, New York City. Steel and concrete.

CLEVELAND, OHIO.—One hundred residences. Work will start in spring. \$550,000 total. Owner and contractor, the Reaugh Construction Co., E. W. Reaugh, manager, 2835 East Fifty-first Street. Two-family residences.

CLEVELAND, OHIO.—Bathhouse will be constructed at Gordon Park to replace that destroyed by fire. \$300,000. Owner, City of Cleveland, Floyd Waite, Director of Parks.

COLUMBUS, OHIO.—Architects Howard & Merriam, 8 East Broad Street, will take bids early in January for a high school building at West Unity. It will be two stories high and will cost \$80,000. The same architects are revising plans for a grade and high school building at Whitehouse. It will be two stories, 73 x 44 ft., and will cost \$30,000. Clara B. Garber of Whitehouse, Ohio, is secretary of the board.

DAYTON, OHIO.—Architects Schenck & Williams, Minhot Building, will take new bids on the construction of the Grace M. E. Church, of which Rev. E. W. Bunker, 333 N. Robert Boulevard, is pastor. The structure will be two stories and basement, mezzanine floor, and will cost \$150,000.

MANSFIELD, OHIO.—Architects Allhum & Power have plans ready for the Board of Education of Holmesville for a new high school building. It will be two stories, 62 x 74 ft., and will cost \$30,000. L. E. Crawford of Holmesville is secretary of the board.

TOLEDO, OHIO.—Architects Langdon & Hohly, Nicholson Building, will have plans ready in two weeks for a machine shop and foundry, one story, 150 x 379 ft., to be erected at the end of 7 Dorr Street for the Toledo Machine & Tool Co., of which C. W. Greening is general manager. It will be one story high, 150 x 379 ft., and will cost \$150,000.

ZANESVILLE, OHIO.—Y. M. C. A., Main Street, plans to construct four-story, 135 x 140 ft., brick, steel and reinforced concrete building. A. A. Hanson, care of owner, Architect. \$250,000.

PENNSYLVANIA

ALLENTOWN, PA.—The Allentown Masonic Temple Association has purchased a site for \$42,000 for a home for the Masonic fraternities. Total estimated cost, \$250,000.

EASTON, PA.—The Wilson Township Board of Education has plans for two grade schools, 40 x 90 ft., to cost \$30,000 each. J. F. Stoxes, secretary.

FRANKFORD, PA.—Wm. Steele & Sons Co., Philadelphia, Pa., are low bidders for constructing platforms, etc., at Frankford Elevated Station at \$98,950.

PHILADELPHIA, PA.—City proposes building one and two-story brick and stone fire and police stations, power house and stables at Twenty-fourth and Ritter Streets. P. H. Johnson, Land Title Building, Architect.

PHILADELPHIA, PA.—Snyder & Co., 134 North Tenth Street, soon receives bids for building five-story, 31 x 105 ft., brick and terra cotta warehouse and showroom. \$50,000.

PHILADELPHIA, PA.—Plans are being prepared for the construction of a seven-story brick and stone fireproof hospital building, 41 x 91 ft., for Babies' Hospital, at Seventh and DeLancy Streets. C. A. Ziegler, Architect.

RHODE ISLAND

PAWTUCKET, R. I.—Royal Weaving Co., Central Avenue, plans to build two-story, 75 x 120 ft., brick and concrete addition to mill, concrete flooring and concrete foundation. D. Seabury, 12 East Avenue, engineer. \$54,000.

SOUTH CAROLINA

ROCK HILL, S. C.—Winthrop College plans to build three-story dormitory. \$100,000.

SOUTH DAKOTA

SIOUX FALLS, S. D.—Madison Hospital Association will build hospital. Perkins & McWayne, Paulton Building, Architects. \$75,000.

TENNESSEE

JACKSON, TENN.—Plans are being prepared for the construction of a woman's college building, estimated to cost \$500,000. Construction is to begin in the early spring. E. R. Naylor, president, Woman's College.

KNOXVILLE, TENN.—The University of Tennessee will expend approximately \$650,000 for constructing

buildings to include gymnasium and armory, two and five stories, 110 x 150 ft.; administration building and agricultural laboratory, at experiment farm. Buildings to be brick and concrete. Fullenwider & Dowling, 6 Michigan Avenue, Chicago, Architect.

TEXAS

COLLEGE STATION, TEX.—Agricultural and Mechanical College of Texas will build 60 x 100 ft. administration building and 65 x 130 ft. physics building, of reinforced concrete and brick, to cost \$75,000 and \$60,000 respectively. W. B. Bizzell, president.

DALLAS, TEX.—The Capital Issues Committee of Washington has approved the sale of \$640,000 worth of bonds recently authorized by the Board of City Commissioners. Of the total, \$440,000 represents school improvement bonds and \$200,000 storm sewer bonds.

FORT WORTH, TEX.—Carpenters' Union plans to build three-story brick hall at Jones and Third Streets. T. F. Bays, 3301 Avenue N, manager. \$80,000.

FORT WORTH, TEX.—W. Capps plans to build five-story addition to office at Fifth and Throckmorton Streets. \$65,000.

PARIS, TEX.—First Methodist congregation purchased site on Lamar Avenue and Clarksville Street and plans to build church costing \$100,000.

SAN ANTONIO, TEX.—Allensworth-Carnahan Co., 117 Military Plaza, plans to build two or three-story reinforced concrete warehouse. Cost, between \$25,000 and \$35,000. W. E. Simpson, 516 Hicks Building, engineer.

VIRGINIA

NORFOLK, VA.—I. Fass, foot of Water Street, Portsmouth, soon lets contract for building and equipping one-story, 111 x 115 ft., brick ice and cold storage plant. \$125,000.

PETERSBURG, VA.—Supervising Architect, Treasury Department, Washington, D. C., plans alterations to the United States post office and custom house here.

SALEM, VA.—Supervising Architect, Treasury Department, Washington, D. C., will construct United States post office here.

YORKTOWN, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct an administration building. Total estimated cost, \$57,000.

WASHINGTON

SEATTLE, WASH.—J. W. Wilkins, M.D., Cobb Building, plans to build three-story, 72 x 34 ft., brick hospital on Sixteenth Avenue and John Street. J. R. Nevins, Hoge Building, Architect. \$60,000.

WEST VIRGINIA

S. CHARLESTON, W. VA.—Willis-Engelhof Co., 101 Park Avenue, New York City, will construct four officers' quarters at the naval ordnance plant here at \$72,855.

WISCONSIN

CUDAHY, WIS.—Federal Rubber Co. plans to build six-story, 250 x 300 ft., brick and concrete factory. A. A. Frank, general manager.

MILWAUKEE, WIS.—Wisconsin National Bank, East Water and Wisconsin Streets, plans to build bank. Marshall & Fox, 721 North Michigan Avenue, Chicago, Architects. \$1,000,000.

RACINE, WIS.—Racine City Bank, 1345 Washington Avenue, plans to build three-story bank, 40 x 90 ft., on Washington Avenue. Cost, between \$45,000 and \$70,000.

RACINE, WIS.—Maibohm Motor Co., Fifteenth and Clark Streets, plans to rebuild one-story, 80 x 600 ft., brick and steel factory recently destroyed by fire. Austin Co., Peoples National Bank Building, Jackson, Mich., engineers. \$96,000.

SHEBOYGAN, WIS.—Citizens Telephone Exchange, 706 Eighth Street, will build four-story brick and concrete exchange. W. C. Weeks, 720 Ontario Avenue, Architect.

WAUKESHA, WIS.—Board of Education will erect high school, two and three stories, 150 x 220 ft., brick, steel and reinforced concrete, on Grand and Carroll Streets. Van Ryn & De Gelleke, Caswell Block, Milwaukee, Architects. \$230,000.

WEST ALLIS, WIS.—Sterling Wheelbarrow Co. contemplates building one-story, 125 x 300 ft., brick and steel addition to machine shop, reinforced concrete flooring, concrete foundation. Klug & Smith, 69 Wisconsin Street, Milwaukee, Architects.



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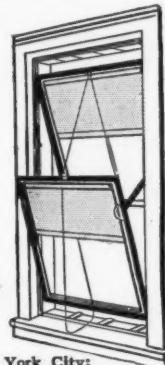
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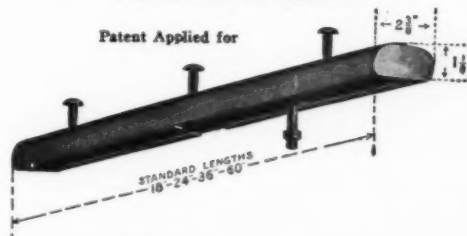


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BUILDING NEWS

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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

DETROIT, MICH.

A statement issued by William W. Norton, secretary of the Builders' and Traders' Exchange, places the expenditure Detroit will make on home building in 1919 at \$50,000,000. In addition to this, Detroit will spend a further \$5,000,000 for the erection of new schools, made necessary by rapid population growth. It is estimated that 25,000 workers will be required to carry out the building program in Michigan. It is stated that all banking institutions are perfecting financial arrangements whereby construction work may go forward with the least delay.

CALIFORNIA

LOS ANGELES, CAL.—Rosedale Mausoleum Co., 308 Haas Building, let contract for building two story mausoleum, 91 x 308 ft., reinforced concrete, at Rosedale Cemetery, containing 1750 crypts, chapel, two columbariums, etc., to J. S. Fluor, Santa Ana. \$200,000.

LOS ANGELES, CAL.—Globe Grain & Milling Co., 901 East Third Street, let contract for building two 40 x 80 ft. and 40 x 60 ft., reinforced concrete and timber hydrogen and oxygen plants on Fifty-first Street and Santa Fe Avenue, to Leonardt & Peck, 721 H. W. Hellman Building. \$25,000.

LOS ANGELES, CAL.—Plans are being prepared for the erection of a six story, 150 x 150 ft., brick and reinforced concrete theater building on Seventh and Hill Streets, to cost \$400,000. M. Pretica, Seattle, Wash., is the Architect.

LOS ANGELES, CAL.—S. Van Nuys, Van Nuys Building, let contract to rebuild four story, 74 x 165 ft., brick and timber factory on San Pedro Street, to J. P. Alperer, Fox Ferguson Building. \$35,000.

LOS ANGELES, CAL.—The Keystone Iron Works, 973 North Main Street, Los Angeles, manufacturer of posts, hydrants, etc., is having plans prepared for a new plant on Santa Fe Avenue and Thirteenth Street to cost about \$100,000. It will consist principally of machine shop, foundry and manufacturing building. Albert C. Martin, Higgins Building, is Architect.

POMONA, CAL.—Y. M. C. A. having plans prepared by R. H. Orr, Architect, 1301 Van Nuys Building, Los Angeles, building four story, 125 x 150 ft., brick, reinforced concrete flooring, concrete foundation. About \$75,000 available; campaign to raise \$75,000 more will be inaugurated.

SACRAMENTO, CAL.—Northern California Milk Producers' Assn., California Fruit Building, let contract building reinforced concrete creamery, to Clinton Construction Co., 357 Pine Street, San Francisco. About \$125,000.

SAN FRANCISCO, CAL.—The erection of a \$160,000 home for the nurses of the University of California Hospital, San Francisco, was decided on at a meeting of the regents of the university held recently.

COLORADO

COLORADO SPRINGS, COL.—The Hassell Iron Works, Colorado Springs, Col., will soon begin work on an addition to cost \$50,000, to give better facilities for overhauling and repairing machinery and engines. W. W. Hassell is president.

CONNECTICUT

BRIDGEPORT, CONN.—Ground has been broken for a new two story boiler plant for St. Vincent's Hospital, Bridgeport, Conn., to cost \$30,000.

HARTFORD, CONN.—Anderson Bros., 220 Windsor Avenue, plan to build an 18 x 20 x 18 ft. engine house in connection with the 35 x 140 ft. monumental shop which will be constructed on Windsor Avenue. An electric power system will be installed in same. Total estimated cost, \$20,000. Berenson & Moses, 26 State Street, are the engineers.

NEW LONDON, CONN.—Ground has been broken by the Government Navy Department for the construction of two one story sub-charging stations at the local navy yards, to cost \$20,000.

STAMFORD, CONN.—Baer Brothers, 438 West Thirty-seventh Street, New York, contemplate the erection of a four-story factory building at Stamford, Conn.

WATERBURY, CONN.—Clubhouse will go up at a cost of \$27,000 from plans by Architect Henry F. Wenzel, 6 Glen Ridge Street. Owner, St. Stanislaw Society, care Architect.

DELAWARE

CLAYTON, DEL.—Church is proposed to cost \$12,000. Architect, J. J. Kennedy, 925 Market Street, Wilmington, Del. Owner, St. Joseph's R. C. Church, Rev. John J. Monaghan in charge, 1301 Delaware Avenue, Wilmington.

FLORIDA

MELBOURNE, FLA.—School—Until Feb. 3, by Board of Education, Brevard County, building two story, 80 x 183 ft., school, and 54 x 72 ft. auditorium extension, reinforced concrete, frame and hollow tile. About \$60,000. S. J. Overstreet, superintendent. A. E. Lewis, Real Estate Building, Miami, Architect.

GEORGIA

ATLANTA, GA.—The City Council, Atlanta, Ga., is planning an appropriation of \$70,000 for a municipal electric plant to be operated in connection with the city crematory.

AUGUSTA, GA.—Geo. R. Lombard, care Lombard Iron Works, will continue the erection of residence stopped by war. New bids to be taken Feb. 15. Willis Irvin, 1404 Lamar Building, Augusta, Architect.

MOULTRIE, GA.—The influenza epidemic at Moultrie, Ga., has emphasized the need of a permanent hospital at that place and steps are being taken to provide a suitable building.

IDAHO

BOISE, IDAHO.—St. Luke's Hospital, Boise, Idaho, is considering the erection of a three story brick and stone addition to cost about \$75,000.

ILLINOIS

CHICAGO, ILL.—C. Rubens, care of A. S. Alschuler, Architect, 28 East Jackson Street, let contract for office building, eight stories, 122 x 286 ft., reinforced concrete and brick, on Harrison and Paulina Streets, to J. W. Snyder Co., 122 South Michigan Avenue. \$50,000.

CHICAGO, ILL.—J. K. Cady, architect, 179 West Washington Street, receives bids in February for building two story bank and office, 35 x 95 ft., reinforced concrete, on Crawford Avenue and Twelfth Street, for J. J. Kostner, 1404 Independence Boulevard. \$65,000.

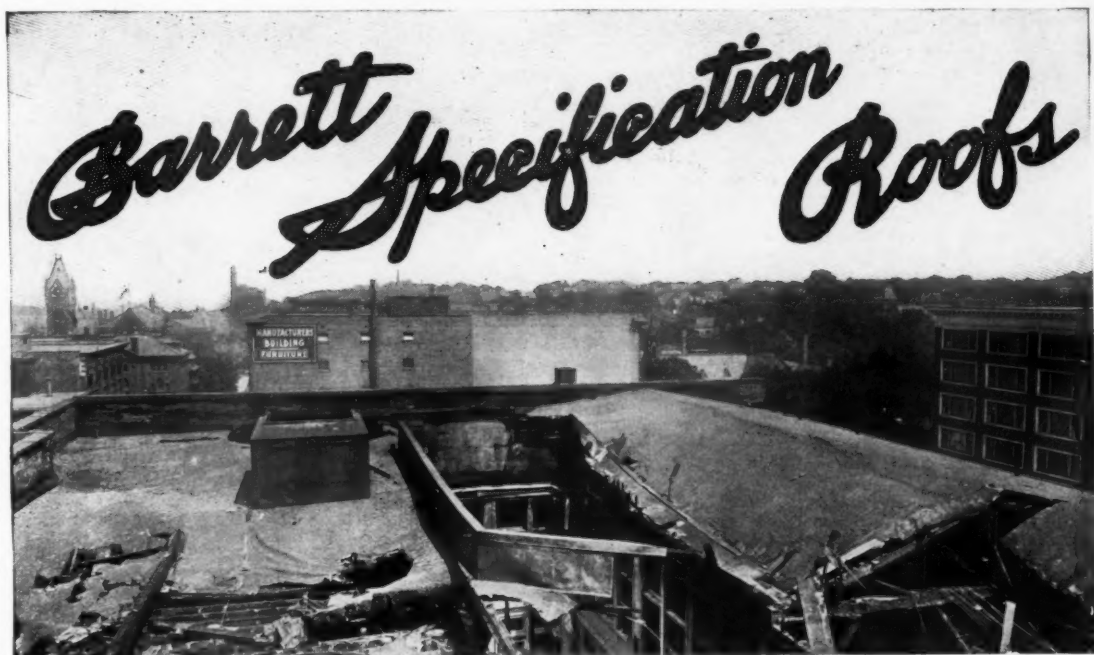
CHICAGO, ILL.—Chicago Union Hospital, 834 Wellington Street, is having plans prepared by Wheelock & Shank, architects, 64 West Randolph Street, for building two four story, 45 x 90 ft. and 45 x 102 ft., brick and reinforced concrete additions to cost \$200,000.

CHICAGO, ILL.—W. W. Ahlschlager, architect, 133 West Washington Street, has prepared plans for ten story hotel, 70 x 135 ft., reinforced concrete and brick, on Garfield Avenue and Lincoln Park, W., for Lott Hotel Co., 2100 Lincoln Park, W. \$750,000.

CHICAGO, ILL.—Kercher Hotel & Bath Co., 505 South Wabash Avenue, plans to build twelve story hotel and baths, 80 x 170 ft., reinforced concrete, steel and brick, at 414 South Wabash Avenue. Cost over \$1,000,000. W. W. Ahlschlager, 133 West Washington Street, architect.

CHICAGO, ILL.—The general contract for a factory addition to the plant of the O'Malley Beare Valve Co., 255 East Ninety-fifth Street, Chicago, has been awarded to the Foundation Co., 209 South La Salle Street. It is to be of concrete and will cost \$130,000.

CHICAGO, ILL.—C. Rasmussen, 154 West Randolph Street, Chicago, has been awarded the entire contract for a one story boiler house, 41 x 60 ft., for the Herman Loesher Co., leather manufacturer, 2022 and 2024 Mendell Street. The cost will be \$15,000.



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*Ashton Building,
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Roofers: F. J.
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and cooked; but it did not blaze or furnish fuel to the flames!

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CHICAGO, ILL.—Gardner & Lindberg, consulting engineers, 140 South Dearborn Street, Chicago, will take bids shortly in connection with the \$1,000,000 packing plant to be built at the Union Stock Yards, Sioux City, Iowa, for the Midland Packing Co.

CHICAGO, ILL.—The Packers' Architectural & Engineering Co., 451 South Dearborn Street, Chicago, is the designer of a \$500,000 packing plant to be erected at 1400 and 1426 West Forty-sixth Street for the Consumers Packing Co., 11 South La Salle Street. The entire contract has been placed with the Salomon-Waterton Co., 343 South Dearborn Street, and includes refrigerator, cold storage and power buildings with all the appurtenances.

CHICAGO, ILL.—A permit has been issued to the Edison Electric Appliance Co., 5660 West Taylor Street, Chicago, for a one story factory, 101 x 147 ft., to cost \$40,000.

CHICAGO, ILL.—The Finck Brothers Co., Cortland Street, Chicago, will build a one story addition to its foundry on Kingsbury Street, to cost about \$10,000.

CHICAGO, ILL.—The H. W. Clark Co., Mattoon, Ill., is rebuilding its two story foundry and metal works at a cost of about \$50,000.

CHICAGO, ILL.—The American Wire & Cable Co., Twenty-first and Morgan Streets, Chicago, will build a one story addition, 25 x 115 ft., to cost \$8,000.

CHICAGO, ILL.—The Edward Katzinger Co., manufacturer of bakers' pans and supplies, has purchased a plot 90 x 150 ft., at the northeast corner of Washington and Sangamon Streets, on which it will erect a seven story factory to cost about \$250,000, to be used as an extension.

CHICAGO, ILL.—The Austin Co., room 1374, southwest corner La Salle and Adams Streets, Chicago, has been awarded the entire contract for a one story machine shop, 120 x 260 ft., Bay City, Mich., for the Industrial Works. It will be of steel and concrete construction, with brick exterior, and cost about \$100,000.

CHICAGO, ILL.—An \$80,000 warehouse was designed by Architect Fred. Lindquist, 179 Wallace Street, for Weir & Craig, 2421 Wallace Street.

CHICAGO, ILL.—Oil storage building to cost \$100,000 is contemplated by Indiana Refining Co., W. E. Fletcher in charge, 52 Vanderbilt Avenue, New York City.

CHICAGO, ILL.—Manufacturing plant will go up at a cost of \$575,000 at S. Western Avenue, near Forty-fifth Street. Architects, Mundie & Jensen, 39 S. La Salle Street.

CHICAGO, ILL.—Manufacturing plant to cost \$250,000 is contemplated for erection at Twelfth Street, Fifty-eighth Avenue and Fillmore Street. Architect, A. S. Alschuler, 28 E. Jackson Boulevard. Owner, Victor Mfg. & Casket Co., John H. Victor, president, 1956 S. Troy Avenue. Brick.

CHICAGO, ILL.—Incinerator plant will cost \$50,000 and will go up at Goose Island, Chicago. Engineer, Chas. W. Kallal, care city of Chicago, owner. Frank I. Bennett, Commissioner of Public Works, 406 City Hall. Brick. Plans drawn.

CHICAGO, ILL.—A \$45,000 factory will go up at Kolmar, near Cornelia Avenue, from plans by Architect A. A. Tocha, 1227 N. Ashland Avenue. Owner, International Photo Play Co., on premises.

CHICAGO, ILL.—Canning factory addition costing \$60,000 is proposed for a site at Forty-fourth Street and Southwest Boulevard. Architect, C. P. Barnett, care Wilson & Co. Owner, U. S. Yds.

CHICAGO, ILL.—Printing building to cost \$750,000 is proposed for erection from plans by Architect E. P. Dinkleberg, 80 E. Jackson Boulevard. Engineer, George A. Muir, 80 E. Jackson Boulevard. W. E. Hall Printing Co., owner, Robert M. Eastman, president, 466 W. Superior Street.

CHICAGO, ILL.—Church will cost \$145,000. Architect N. Max. Dunning, 300 S. Wabash Avenue, has prepared plans for Fourteenth Church of Christ. Scientist, Mrs. H. E. Cartwright, president of board, 4358 N. Whipple Street.

CHICAGO, ILL.—The Acme Boiler & Tank Co., 1017 West Forty-eighth Street, Chicago, will build a one story addition, 52 x 85 ft., to its factory to cost \$10,000. Contracts have been let.

CHICAGO, ILL.—The Foundation Co., 209 South La Salle Street, Chicago, has awarded sub-contracts for the two story factory, 70 x 273 ft., to be built for the O'Malley-Beare Valve Co. at 231-249 East Ninety-fifth Street.

CHICAGO, ILL.—Francisco & Jacobus, 39 South La Salle Street, Chicago, have prepared plans for remodel-

ing the interior of a six story factory, 100 x 200 ft., at Washington Boulevard and Union Avenue, for the Peerless Light Co., 813 West Adams Street.

CHICAGO, ILL.—Plans are being prepared for the construction of a five story hospital building for the Ravenswood Hospital Association. It will be 150 x 200 ft., located on Wilson Avenue and Winchester Street, and estimated to cost \$400,000. M. J. Sturm, 114 S. Michigan Avenue, is the Architect.

CUDAHY, ILL.—The Federal Rubber Co. of Illinois, Cudahy, has tentative plans for a six-story fireproof addition, 250 x 300 ft. A. A. Frank is general manager.

EAST ST. LOUIS, ILL.—International Y. M. C. A., 19 South La Salle Street, Chicago, plans to build two buildings, one for white boys, cost \$50,000, and one for negroes, \$25,000. T. F. Evans, secretary.

INDIANA

INDIANAPOLIS, IND.—County Infirmary will be erected at a cost of \$100,000 near Shelbyville, Ind. Architect, Herbert Foltz, 1456 Lemke Annex, Indianapolis. Owner, Shelby County, care Auditor, Frank W. Eagel, Shelbyville.

SOUTH BEND, IND.—Blackstone Theater, four stores and six shops are contemplated to cost \$300,000 and to be erected at 212-18 S. Michigan Avenue, South Bend, Ind. Architects, C. W. & G. L. Rapp, 69 W. Washington Street, Chicago. Owner, J. Handelsman, Kimball Piano Co., 308 S. Wabash Avenue, Chicago, Ill.

SOUTH BEND, IND.—An eight story apartment building costing \$400,000 will go up at Hyde Park Boulevard and Dorchester Avenue. Architect, Wm. P. Doerr, 28 E. Jackson Boulevard. Owner, Madison Park Apartment Co., Robert J. Doerr, president, care Architect. Brick, reinforced concrete.

IOWA

DUBUQUE, IOWA.—Liberty Tractor Co., 803 Main Street, let contract for building one story factory to A. Zwack, Thirteenth and Clay Streets. \$25,000.

KEOKUK, IOWA.—The Standard Four Tire Co., Keokuk, Iowa, will soon prepare plans for the erection of a two story addition, 20 x 50 ft.

SIoux CITY, IOWA.—The Sioux City Tire & Mfg. Co., Sioux City, Iowa, will build a two story addition, 25 x 80 ft., to cost \$10,000.

STANTON, IOWA.—Swedish Lutheran congregation let contract for building two story orphanage, 32 x 45 ft., to C. W. Johnson, Chariton. \$65,000.

KANSAS

ATCHISON, KAN.—Atchison Co. plans election to vote on \$100,000 bonds to build 100 x 120 ft. armory to serve as convention hall.

JUNCTION CITY, KAN.—Memorial hospital or monument costing \$100,000 is contemplated by Geary County, care B. C. Bond, chairman.

LEAVENWORTH, KAN.—Community building will be erected at a cost of \$95,000. Architects, T. W. Williamson & Co., Central National Bank Building, Topeka. Owner, Board of Education, M. E. Moore, superintendent, Leavenworth.

MCPHERSON, KAN.—Hospital costing \$100,000 will be built for McPherson County, W. E. Rostine, clerk.

PRATT, KAN.—Board of Education soon lets contract for building three story, 86 x 200 ft. brick and reinforced concrete school and one story, 40 x 44 ft., boiler house. W. E. Hulse & Co., Hutchinson, architects. \$175,000.

KENTUCKY

DAWSON SPRINGS, KY.—Dawson Springs, Ky., is being considered by the United States Public Health Service as the site for a tuberculosis hospital, for the establishment of which the national House of Representatives has passed a bill appropriating \$1,850,000. The hospital is designed for the care of soldiers who have contracted tuberculosis.

OLIVE HILL, KY.—Hotel costing \$20,000 has been planned by Architect W. B. Smith, 709 R. & P. Building, Huntington, W. Va., for H. L. Woods, Olive Hill.

LOUISIANA

NEW ORLEANS, LA.—Mrs. Kirby Roy, 3110 N. Rampart Street, New Orleans, is reported to contemplate erecting a bungalow to cost \$5,000.

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NEW ORLEANS, LA.—Construction work has been started on a \$200,000 addition to the United States Marine Hospital in New Orleans.

NEW ORLEANS, LA.—Plans are being prepared for the construction of a sixteen and eighteen story bank and office building for the Hibernia Bank Trust Co. on Carondelet and Gravier Streets. The cost is estimated at \$2,000,000 and Fairot & Lavaudais, Perrin Building, are the Architects.

MARYLAND

BALTIMORE, MD.—Hospital will build \$25,000 addition. Architect and builder, John T. Bramble, 2 E. Lexington Street.

BALTIMORE, MD.—Bank has been designed to cost \$160,000-\$150,000 by Architect Josiah Pennington, 501 Professional Building, for National Central Bank of Baltimore, Aug. Webber, president, Central Fire Insurance Co., Holliday and Baltimore Streets.

MASSACHUSETTS

BOSTON, MASS.—The Government is planning additions to the United States Marine Hospital at Boston to cost \$250,000.

WORCESTER, MASS.—A \$50,000 garage designed by Edwin T. Chapin, State Mutual Building, Worcester, will be erected for Maurice Barsky, 21 Green Street.

WORCESTER, MASS.—Edwin T. Chapin, State Mutual Building, Worcester, has plans in progress for a \$30,000 garage to go up at 741 Main Street for Mrs. Annie Hauson, 873 Main Street.

WORCESTER, MASS.—A garage is proposed for erection at a cost of \$50,000 by A. A. Wheeler on Mechanic and Spring Streets. Edwin T. Chapin, State Mutual Building Worcester, Architect.

MICHIGAN

DETROIT, MICH.—The General Motors Corporation, Detroit, Mich., will equip a three story factory at St. Louis to cost \$1,000,000.

DETROIT, MICH.—H. Koppin, Breitmeyer Building, is having plans prepared by E. G. Kiehler and C. H. Crane, architects, 2325 Dime Bank Building, for two story theater, brick, reinforced concrete and steel, on Gratiot Avenue and Raynor Street. \$75,000.

DETROIT, MICH.—The Michigan Copper & Brass Co., Detroit, will build an addition to cost \$18,000.

DETROIT, MICH.—The Standard Motor Truck Co., Detroit, will erect an addition costing \$30,000.

DETROIT, MICH.—The Standard Motor Truck Co., Bellevue Avenue, Detroit, is planning for the erection of a two story factory, 66 x 165 ft., to cost \$35,000.

DETROIT, MICH.—The Central Forge Co., Euclid Avenue, Detroit, is planning for the early resumption of construction on the extension to its forge shop and heat treatment building, foundations for which have been completed. The addition is estimated to cost \$200,000.

GRAND RAPIDS, MICH.—City commission is contemplating the construction of a great memorial building to cost \$1,000,000, in honor of Grand Rapids' sailors and soldiers.

GRAND RAPIDS, MICH.—Dominican Sisters soon receive bids for building T-shaped convent to be four stories, 40 x 380 ft., 34 x 160 ft., 68 x 140 ft., 34 x 192 ft., and 68 x 140 ft., brick and reinforced concrete. \$350,000.

LANSING, MICH.—Plans for a hotel to cost \$400,000 have been prepared by Architects Claire Allen & Son, Dwight Building, Jackson, Mich., for Michigan Hotel Corporation, Harry Herdon, proprietor, Hotel Butler, Lansing.

MINNESOTA

MINNEAPOLIS, MINN.—University of Minnesota plans to build addition to high school, cost \$50,000; addition to Shevin Hall, \$25,000; veterinary building at University Farm, \$25,000; business building, \$260,000. G. H. Hayes, comptroller.

MINNEAPOLIS, MINN.—North East Neighborhood House, Fifteenth Avenue, N. E., and Second Street, let contract for building three story settlement house, 50 x 80 ft., with two story, 42 x 75 ft., wing, concrete and brick, concrete foundation, to Pike & Cook, 416 South Fifth Street. \$60,000.

ROCHESTER, MINN.—Hotel will be erected from plans by Architect Wm. Lindau, 1928 Berkeley Avenue, St. Paul, Minn., for James J. Murphy, care Architect. Plans drawn. \$20,000.

ST. PAUL, MINN.—The Cobb Hospital, St. Paul, Minn., proposes to launch a campaign in the near future

to raise a building fund of \$300,000 for enlargement. The plan provides for increasing the capacity of the hospital from 40 to 160 beds.

ST. PAUL, MINN.—The Northern Pacific Beneficial Association, St. Paul, Minn., is advertising for bids on the erection of a three story brick and concrete hospital building, 200 x 250 ft., estimated to cost approximately \$300,000.

ST. PAUL, MINN.—Veterinary building will be completed for \$25,000. Owner, Board of Regents, U. of M., F. B. Snyder, president, Minneapolis, Minn.

ST. PAUL, MINN.—Children's building (addition to hospital) will cost \$150,000. Architect, G. H. Johnston, Capital Bank Building. Owner, State Board of Control, City and County, O. J. Thong, secretary, 715 Court House.

MISSISSIPPI

CORINTH, MISS.—Alcorn County has voted \$30,000 bonds to complete courthouse. Plans call for structure 95 x 124 ft., fireproof, to cost about \$97,000. N. W. Overstreet, Jackson, Miss., is the Architect.

MISSOURI

CONCORDIA, Mo.—St. Paul's College had plans prepared by C. F. May, architect, Merchants Laclede Building, St. Louis, for three story, 43 x 125 ft. and 52 x 80 ft., brick and stone living room and gymnasium. \$60,000.

JOPLIN, Mo.—Y. M. C. A., 117 East Fourth Street, receives bids about March 1 for building four story, 103 x 129 ft. brick and reinforced concrete structure. J. S. Gravelle, secretary. Smith, Rea & Lovitt, 602 Finance Building, Kansas City, architects. \$150,000.

ST. JOSEPH, Mo.—Contagious hospital costing \$8,000 was planned by Architect E. C. Powell, city engineer office. Owner, City of St. Joseph, Dr. H. DeLamater, City Health Officer, City Hall.

ST. JOSEPH, Mo.—Swift & Co., Union Stock Yards, Chicago, let contract for building three story, 51 x 52 ft. brick and reinforced concrete power house, to Lehr Construction Co., 1712 Frederick Avenue. \$40,000.

ST. LOUIS, Mo.—The Polar Wave Ice & Fuel Co., St. Louis, Mo., will build a branch ice plant to cost, with equipment, about \$200,000.

ST. LOUIS, Mo.—Bids will be received in the spring for the construction of a two story, 75 x 400 ft., factory building for the Inland Machine Co., Seventh and Locust Streets. Total estimated cost, \$100,000. Brusel & Vieterbo, Wright Building are the Architects.

ST. LOUIS, Mo.—N. Frank Real Estate Co., Century Building, will alter 75 x 174 ft. brick, concrete and steel mercantile building on Broadway and Washington Avenue. \$50,000.

ST. LOUIS, Mo.—St. Louis Union Trust Co., Fourth and Locust Streets, plans to build bank and office on Seventh and Locust Streets. Address J. H. Grover, vice-president.

ST. LOUIS, Mo.—A. A. Busch, Ninth and Pestalozzi Streets, plans to build hotel on west side Twelfth Street from Market to Chestnut Streets, \$2,000,000.

ST. LOUIS, Mo.—Best Clymer Mfg. Co., Virginia and Davis Avenues, let contract for building three and four story, 50 x 236 ft., brick, reinforced concrete and steel addition to factory, at 400-418 Poepping Street, to H. G. Clymer, Wainwright Building. \$30,000.

NEBRASKA

OMAHA, NEB.—Overland Tire & Rubber Co., 1019 W. O. W. Building, let contract for building two story, 80 x 300 ft. reinforced concrete and brick factory on Thirtieth and Taylor Streets, to Vaughn Construction Co., Keeline Building.

NEW JERSEY

ASBURY PARK, N. J.—Church—Until Jan. 25, by L. E. Smith, Architect, 2 West Forty-seventh Street, New York City, building two story, 70 x 190 ft., steel and brick, concrete foundation, for First Methodist Episcopal congregation. About \$150,000.

ATLANTIC CITY, N. J.—Hotel Ambassador will erect addition to cost \$75,000. Architects, Clinton & Russell, 32 Liberty Street, New York City. Owner, Brighton Realty Co., 150 Broadway, New York City, and care Fred Webber, Architect, Morris Building, Philadelphia, Pa.

CHATHAM, N. J.—The New York and New Jersey Health Corporation has recently been organized at

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Chatham, N. J., announcing as its object the establishment and operation of hospitals, sanatoriums, etc. A capital stock of \$100,000 is authorized.

ELIZABETH, N. J.—The Elizabeth General Hospital, Elizabeth, N. J., is having plans prepared for a six story building to cost \$500,000.

HARRISON, N. J.—Edison Lamp Works of the General Electric Co. is said to be planning for the construction of a plant on property recently acquired at Frelinghuysen and Evergreen Avenues, Newark. A two story pattern shop, to cost about \$50,000, is now in course of construction at the Sprague Electric Works of the company at Bloomfield.

JERSEY CITY, N. J.—Jersey City, N. J., plans to issue bonds to the amount of \$1,335,000 for the erection of a new plant for the Jersey City Hospital.

JERSEY CITY, N. J.—A campaign that will have for its object the raising of \$200,000 for Christ Hospital will be launched in Jersey City, N. J.

KEARNEY, N. J.—A modern hospital as a memorial to soldiers and sailors who participated in the war is proposed for erection in Kearney, N. J. George Alexander, president of the West Hudson Hospital Association, maintaining the Stumpf Memorial Hospital, and Dr. E. H. Goldberg have been appointed a committee to obtain information relative to the cost of a hospital suited to the needs of the community.

TRENTON, N. J.—A hotel to cost \$1,000,000 is now assured for the city of Trenton, through the efforts of the Chamber of Commerce, L. L. Woodward, president. Details of plans and location are not yet mature.

VERONA, N. J.—Hospital buildings costing \$120,000 have been designed by Architect Jordan Green, Essex Building, Newark, N. J.

NEW YORK

BROOKLYN, N. Y.—The erection of a \$250,000 plant is contemplated by the Brooklyn Eye and Ear Hospital, Brooklyn, N. Y.

KEW GARDENS, L. I., N. Y.—Renwick, Aspinwall & Tucker, 8 West Fortieth Street, New York City, are architects for 500 houses to be built at Kew Gardens, L. I., for the owners of that property.

MIDDLETOWN, N. Y.—A committee has been appointed to select a site for the Elizabeth A. Horton Memorial Hospital to be erected in Middletown, N. Y. A fund of \$600,000 for the founding of this hospital is available. Drs. Theodore D. Mills and Daniel B. Hardenbergh of Middletown may be addressed.

NEW YORK, N. Y.—Synagogue will be altered at a cost of \$20,000 by Architect Sam Hertz, 149 Fifth Avenue. Owner, Emanuel Congregation of the City of New York, Louis Marshall, president, 120 Broadway.

NEW YORK, N. Y.—Plans are being drawn for a psychiatric hospital to be erected in New York City by the State of New York at a cost of \$750,000.

NEW YORK, N. Y.—Ground will be broken shortly at 125 West Seventy-second Street, New York City, for a \$250,000 hospital to be erected by the New York Diagnostic Society.

OTISVILLE, N. Y.—The War Department has taken over the New York City tuberculosis hospital at Otisville and is building a \$300,000 addition.

UTICA, N. Y.—A \$1,000,000 hospital for wounded soldiers who are Masons will be erected in Utica, N. Y., early in 1919, according to plans announced.

OHIO

AKRON, OHIO.—The Peoples Savings & Trust Co. of Barberton is planning new bank building to be erected at a cost of \$45,000.

AKRON, OHIO.—The village of Kenmore will submit to popular vote at once the matter of a new school building. It will contain thirteen rooms and will cost \$140,000. Claude Benedict is a member of the board.

AKRON, OHIO.—The Barberton Real Estate Board at its next meeting will take action looking to the relief of poor housing conditions here. Three hundred new houses are needed immediately in the city, C. L. Gaskins of the United States Employment Service has said.

AKRON, OHIO.—A new bank is to be built at Kenmore. Fred E. Smith, president of the Akron Realty Co., his brother, H. R. Smith, and Harry Haines are the principal backers of the new venture. The new bank will be located at Thirteenth Street and the Boulevard. The building is to be two or three stories, brick, and will cost \$20,000.

CANTON, OHIO.—Factory costing \$60,000 is awaiting erection in Canton or Cleveland, Ohio. Company's engineer, N. O. Davidson, care Hydraulic Pressed Steel Co., Illuminating Building, Cleveland. Owner, Canton Metal Products Co., H. G. Bow, president, 2201 Bryan Avenue, Canton. Brick.

CINCINNATI, OHIO.—Girls' Home will build addition costing \$100,000. Garber & Woodward, Architects, 2803 Union Central Building. Owner, Cincinnati Union Bethel, R. S. Fulton, president, Third and Lawrence Streets.

CLEVELAND, OHIO.—Auditorium and convention hall will be erected at E. Sixth Street, Lakeside and St. Clair Avenues, \$2,500,000. City Architect, F. H. Betz, City Hall; consulting Architects, Walker & Weeks, 1900 Euclid Avenue; consulting engineers, Osborn Engineering Co., 2848 Prospect Avenue, S. E.

CLEVELAND, OHIO.—Cleveland Union Terminal Co. will install a steam heating system in the twenty story, 200 x 300 ft., railroad terminal and office building which it plans to erect. Total estimated cost, \$15,000,000. Barclay, Parsons & Clapp, 60 Wall Street, New York City, are the engineers.

CLEVELAND, OHIO.—Architect, W. S. Ferguson Co., 615-1900 Euclid Building, has plans for a \$200,000 temple for Cleveland Woodmen of the World, J. M. Beville, president Building Committee, 1415 E. Fifty-second Street. Brick.

DAYTON, OHIO.—Architects Shenck & Williams are revising plans for a bank building, 38 x 60 ft., one story and basement, for the Gem City Building and Loan Association, of which Robt. L. Eifhart is secretary. Cost, \$10,000.

EAST LIVERPOOL, OHIO.—B. J. Ross, general superintendent of the American Sheet & Tin Plate Co., states that the company will arrange for the erection of a new building to cost \$150,000. It will be erected on Wells Avenue and will be of brick.

FINDLAY, OHIO.—The American National Bank has purchased the Karst Block for \$40,000. The structure will be modernized into a high class bank building, being overhauled from top to bottom. H. F. Burket, president of the bank, states that the directors will take up the matter of remodeling the structure at once.

LAKEWOOD, OHIO.—Church will go up at Detroit, Virginia and French Avenues, Lakewood, Ohio, for First Church of Christ Scientist, Lakewood, Ohio. \$75,000.

LANCASTER, OHIO.—An appropriation of \$20,000 is sought by the Boys' Industrial School at Lancaster, Ohio, to increase the hospital facilities of the institution.

NAPOLEON, OHIO.—Architect G. F. Tuttle has plans for remodeling and for an addition to the M. E. Church, of which Rev. W. S. Kelley is pastor. It will be one story, 45 x 65 ft., and will cost \$17,000.

SANDUSKY, OHIO.—D. Olmstead, care of H. L. Stevens & Co., architects, Karpen Building, Chicago, had plans prepared for building six story hotel, 75 x 130 ft., brick and reinforced concrete. \$200,000.

SPRINGFIELD, OHIO.—From \$60,000 to \$70,000 will be available in the near future for improvements at the Masonic Home at Springfield, Ohio, and it is reported that a hospital will be one of two or three new buildings to be erected.

SPRINGFIELD, OHIO.—Hospital to cost \$60,000 will be erected from plans prepared by Architects S. Hannaford & Sons, Hulbert Block, Cincinnati, Ohio. Owner, City of Springfield, Board of Hospital Commission, Warren A. Meyers, president, Victor Tressler, vice-president, Springfield.

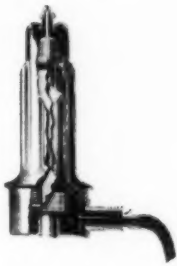
STARK (CANTON P. O.), OHIO.—Hotel to cost \$225,000 is being designed by Architects Price & McLanahan, Bellevue Court Building, Philadelphia, Pa.

TOLEDO, OHIO.—The trustees of the Greek Orthodox Congregation, of which Barton Tattersoll is chairman of the Building Committee, have awarded to Frank Kayser of 356 Parker Street the contract for the construction of their new church building at \$12,000. It will be a one story structure, 35 x 70 ft.

TOLEDO, OHIO.—Hospital to cost \$75,000 was designed by Architects Langdon & Hohley, 1442 Nichols Building, for Toledo Class and Central Synod of Reformed Church, Rev. W. Kratz, Prouty Street.

WARREN, OHIO.—The Ohio Corrugating Co., of which Wm. Kerr is president, has plans ready and will take bids in sixty days for a factory, one story, 120 x 500 ft., to cost about \$40,000.

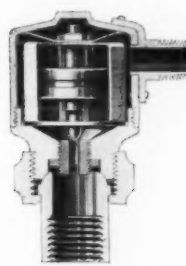
YOUNGSTOWN, OHIO.—The Truscon Steel Co., Youngstown, Ohio, will enlarge its plant by the erection of a fireproof machine shop, 80 x 400 ft.



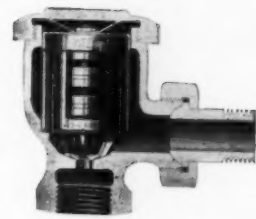
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PENNSYLVANIA

EDENBURG, PA.—The Pittsburgh Aeroplane & Motor Co., Pittsburgh, is planning for the erection of a new five story plant, 200 x 300 ft., at Edenburg, Pa., to be equipped for the manufacture of aircraft and motors. C. L. Sanford is president.

ERIE, PA.—County Home buildings, to consist of 300 bed capacity institution, administration building, dining rooms, two cottages, power house, storage building, tunnel for power and light mains, sewage disposal plant, will be erected at Dobler Farm, Fairview Township, Erie, from plans by Architect F. McCrooks, 530 Fourth Avenue, Pittsburgh. Owner, County of Erie, Scott Kimball, president, Erie, Pa.

HARRISBURG, PA.—A movement for a memorial hospital to be erected to the soldiers of Dauphin County has been launched at Harrisburg, Pa.

MIDLAND, PA.—Church will go up at a cost of \$20,000. Architect, J. B. Martin, Park Boulevard, East Liverpool, Ohio.

PHILADELPHIA, PA.—Emergency hospital buildings have been proposed to cost \$300,000. Owner, United States Government, C. W. Parks, chief Bureau of Yards and Docks, Navy Department, Washington, D. C.

PHILADELPHIA, PA.—The Pennsylvania Railroad, Broad Street Station, Philadelphia, has filed plans for seven new buildings at Greenwich Point, Philadelphia, to cost \$138,000, including a one story machine shop to cost \$30,000.

PHILADELPHIA, PA.—Miss Mabel Pew has lately been placed in charge of the Sun Emergency Hospital at Philadelphia, maintained by the employees of the Sun Shipbuilding Co. A new building, for which the Emergency Fleet Corporation recently allotted \$25,000, is to be erected at once to provide more adequate facilities.

PHILADELPHIA, PA.—The Frankfort Hospital, Philadelphia, has been granted permits for building improvements to cost \$40,000. The improvements will include alterations to the main structure of the institution and the erection of a separate building to house the dining room, kitchen and laundry.

READING, PA.—The Parish Mfg. Co., Reading, Pa., manufacturer of automobile axles and parts, has had plans prepared for the erection of a one story heat treatment building, 93 x 150 ft., at its Detroit plant, Mount Elliott Avenue. The structure is estimated to cost \$50,000.

WEST CHESTER, PA.—The West Chester Hospital, West Chester, Pa., has announced a gift of \$300,000 from Pierre S. Dupont for the erection of a building as a memorial to Lewis Mason, who was Mr. Dupont's chauffeur and who died of influenza during the epidemic. The structure will replace the old main building of the hospital and will be erected as soon as the necessary preliminary arrangements can be made.

SOUTH CAROLINA

ANDERSON, S. C.—Plans prepared by James J. Baldwin of Anderson, S. C., and held up by the war necessities, are now released for action, as follows: High school building, Anderson, S. C., \$80,000; graded school building, Fountain Inn, S. C., \$40,000; Bank of Norway, Norway, S. C., \$30,000; Baptist Church, Norway, S. C., \$15,000; graded school building, Wrens, Ga., \$40,000; graded school building, Harlem, Ga., \$12,000; graded school building, Gordon, Ga., \$25,000; Beckcom Memorial Church, Jeffersonville, Ga., \$20,000; First Baptist Church, Hawkinsville, Ga., \$35,000; Bacon County courthouse, Alma, Ga., \$30,000; Baptist Church, McCormick, S. C., \$25,000; Baptist Church, Franklin, N. C., \$25,000; Methodist Church, Franklin, N. C., \$15,000.

TEXAS

BEAUMONT, TEX.—The Magnolia Petroleum Co., Beaumont, will make improvements and additions to its oil refinery to cost approximately \$1,000,000. A plant to manufacture 12,000 tin cases a day will be equipped. E. Plumly is manager.

FORT WORTH, TEX.—W. T. Waggoner, First National Bank Building, is having plans prepared by Sanguinet & Staats, architects, First National Bank Building, for sixteen story office, 75 x 95 ft., on Eighth and Houston Streets.

PALESTINE, TEX.—Palestine, Tex., is to have a memorial hospital in honor of Anderson County boys who gave their lives in the war, if plans of the Anderson County Commercial League are carried out.

VERMONT

MIDDLEBURY, VT.—W. F. Porter, Middlebury, Vt., is having plans drawn for a hospital that he will erect in that city in the near future. The building will be a two story brick and reinforced concrete structure, 100 x 150 ft.

VIRGINIA

NORFOLK, VA.—Bank and office building will be remodeled at a cost of \$50,000. Peebles & Ferguson, Law Building, Architects. Owner, Bankers Trust Co., John D. Abbott, president, corner Granby Street and City Hall Avenue.

NORFOLK, VA.—Mission house is to be remodeled from hotel at a cost of \$30,000. Architect Russell E. Mitchell, Paul Gale, Greenwood Building, has drawn plans. Owner, Union Mission, H. H. Kratzig, 51 Church Street.

RICHMOND, VA.—Bank to cost \$400,000 has been designed by Architects Sill, Buckley & Fenhagen, 11 E. Pleasant Street, Baltimore, Md. Engineer, Thos. Bruce Boyd, 286 Fifth Avenue, New York. United States Government, Federal Reserve Bank, Geo. J. Seay, Richmond, owner.

WASHINGTON

SEATTLE, WASH.—The Pacific Coast Grinding & Machinery Co., Seattle, has recently been organized by Alexander and Gerhard Pearson of the Pearson Construction Co., and contemplates the construction of a plant to cost \$200,000.

WEST VIRGINIA

PARKERSBURG, W. VA.—Plans are being prepared for a \$50,000 addition to the Parkersburg City Hospital, Parkersburg, W. Va., and for the remodeling of the present building.

WHEELING, W. VA.—Church costing \$20,000 is contemplated by owner, Greek Catholic Church, Rev. Paul Abraham, 2329 Market Street. Owner expects to select Architect and have plans ready so work can be started May 1.

WISCONSIN

BAYFIELD, WIS.—"Pureair" Tuberculosis Sanitarium, costing \$70,000, is being designed by Architects Schmidt, Garden & Martin, 104 S. Michigan Avenue, Chicago, Ill., for Bayfield, Ashland and Iron Counties, G. A. Poundstone, Mellen, Wis.

MILWAUKEE, WIS.—Board of Education, Tenth and Prairie Streets, plans to build two story school, 180 x 19 ft., reinforced concrete, steel and brick, on Greenbush Avenue. Van Ryn & De Gellecke, 114 Grand Avenue, architects. \$250,000.

MILWAUKEE, WIS.—City is having plans prepared by C. E. Malig, city architect, for two two story, 54 x 100 ft., reinforced concrete, steel and brick wings to hospital on Nineteenth Avenue and Mitchell Street. \$175,000.

MILWAUKEE, WIS.—The Filer & Stowell Co., Milwaukee, manufacturer of steam engines, sawmill machinery and woodworking equipment, has been granted a permit to build a one story brick and concrete foundry, 71 x 130 ft., at 219 Becher Street. The value is given as \$25,000.

MILWAUKEE, WIS.—The Rosenthal Corn Husker Co., 7403 Greenfield Avenue, West Allis, Milwaukee, will build a \$25,000 machine and assembling shop addition early in the spring and is obtaining estimates on the machine tool and other equipment. August Rosenthal is general manager.

RACINE, WIS.—The Simms Foundry Co., Racine, Wis., has awarded contracts for the construction of a brick and steel shop addition, 60 x 80 ft., estimated to cost about \$35,000. The project is in charge of Edmund B. Funston & Co., Architects, Racine.

ROCK COUNTY, WIS.—Rock County, Wis., has appropriated \$80,000 for the erection of a tuberculosis sanatorium.

SHEBOYGAN, WIS.—The Hayssen Mfg. Co., Sheboygan, Wis., manufacturer of special automatic machinery for wrapping bread and other foodstuffs, will build a two story brick shop addition, 50 x 100 ft., at North Thirteenth Street and St. Claire Avenue. W. C. Weeks, Sheboygan, is the Architect.



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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ARIZONA

AJO, ARIZ.—School Trustees of Ajo School District No. 15 will soon let contract for building two-story, hollow tile school. Lescher & Kibbey, Bank of Arizona Building, Phoenix, Architects. \$195,000.

FLAGSTAFF, ARIZ.—Plans are being prepared for the construction of a wholesale warehouse for T. E. Pollock, one story and basement, 175 x 175 ft., Class A construction, with concrete foundation and composition roof. Total estimated cost, \$100,000. Lescher & Kibbey, Phoenix, Ariz., Architects.

PHOENIX, ARIZ.—Board of Supervisors, Maricopa County, plan election to vote on \$250,000 bonds to build court house.

CALIFORNIA

LOS ANGELES, CAL.—C. Kuback Company, 701 Merchants National Bank Building, this city, was awarded contract for constructing two-story Class C addition to the office and club house building at the Automobile Club of Southern California, on Figueroa Street, at \$50,000.

LOS ANGELES, CAL.—Board of Education, 731 Security Building, is having plans prepared by Allison & Allison, Architects, 1405 Hibernian Building, for two-story, brick school on East Seventh Street. \$90,000.

MARE ISLAND, CAL.—K. E. Parker, San Francisco, Cal., was low bidder for constructing electrical storehouse at the Navy Yard here, at \$110,363.

OCEAN PARK, CAL.—Thompson County plans to build bath house on ocean front and Raymond Avenue. \$50,000.

POMONA, CAL.—Preliminary plans have been prepared for the construction of a new Y. M. C. A. building to be erected as a war memorial, four stories and basement, 125 x 150 ft., to cost approximately \$150,000. Robert H. Orr, 1301 Van Nuys Building, Architect.

SAN DIEGO, CAL.—Musher & Co. of New York have purchased the uncompleted plant of the National Sea Food Products Co. at the foot of Juniper Street and are contemplating the construction of a 175-ft. wing addition. The building will be used for fish canning. An olive oil storage plant with glass lined tanks of 40,000 gal. capacity will also be constructed. The firm expects to expend \$150,000 on this improvement.

SAN PEDRO, CAL.—Secretary of the Treasury Glass has recommended an appropriation of \$43,500 to be made for the construction of a post office and customs house here.

CONNECTICUT

ANSONIA, CONN.—F. A. Cooper, Architect, 1024 Main Street, Bridgeport, soon receives bids for building two-story dormitory, 50 x 80 ft., brick, steel and reinforced concrete, on Central Street, for Day Nursery Association, Central Street. \$50,000.

BRIDGEPORT, CONN.—McCabe & Blagge, Architects, 952 Main Street, will build brick and concrete grain elevator building on Water Street for Susman-Feuer-Brownstein Co., 23 Bank Street.

FAIRFIELD, CONN.—St. Thomas congregation, Boston Post Road, plans to build two-story school, 62 x 96 ft., brick, concrete and steel. W. J. Blake, pastor. W. Schmidt, 1188 Main Street, Bridgeport, Architect. \$65,000.

HARTFORD, CONN.—Connecticut General Life Insurance Co., 64 Pearl Street, had plans prepared by J. G. Rogers, Architect, 40 East Twenty-second Street, New York City, for ten five- and six-story, steel and brick offices, reinforced concrete flooring, concrete foundation.

HARTFORD, CONN.—Swift & Co., 60 North Market Street, Boston, Mass., proposes building two-story, 78 x 100 ft., brick and concrete storage building, reinforced concrete flooring and concrete foundation, on Church Street, here. A. E. Bump, 60 North Market Street, Boston, Mass., engineer. \$90,000.

MANCHESTER, CONN.—T. C. Hardie, 1088 Broad Street, Hartford, plans to build a fifty room brick and reinforced concrete hotel on Main and North School streets, here. \$75,000.

NEW HAVEN, CONN.—Board of Education purchased site on Whaley Avenue and Fountain Street, Westville District, and plans to build high school. \$150,000.

NEW LONDON, CONN.—H. R. Brewster, Architect, 116 Nassau Street, New York City, receives bids about February 15 for building brick and concrete theater on Bank Street, for C. H. Dugy and W. F. Murphy, 143 Bank Street. \$125,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—M. W. Kellogg, 90 West Street, New York City, was awarded contract for two radial block chimneys at \$37,400.

FLORIDA

APALACHICOLA, FLA.—City is having plans prepared by J. M. Carver, engineer, 29 Broadway, New York City, for shipyard, to include bulkheads, loading docks, etc. \$300,000.

BROOKSVILLE, FLA.—Brooksville School District will erect high school to replace Hernando High School lately noted damaged by fire, brick, roofing not decided. Cost, about \$40,000. Address W. O. Lemasten, Superintendent of Schools, Brooksville.

MELBOURNE, FLA.—Brevard County School Board, S. J. Overstreet, superintendent, Titusville, Fla., will erect school building, two stories, reinforced concrete, frame and hollow tile. Plans and specifications at office of A. E. Lewis, Architect, Miami, Fla. Cost, \$60,000.

GEORGIA

ATLANTA, GA.—Walker & Chase, 140 Peachtree Street, Atlanta, are preparing plans for an apartment on Peachtree and Seventeenth Streets, 75 x 100 ft.

DECATUR, GA.—A Baptist Church is being designed by Walker & Chase, 140 Peachtree Street, Atlanta, Ga., for an apartment house, 82 x 74 ft., for Fitzhugh Knox, in Decatur, Ga.

MACON, GA.—Bibb County (Macon) and Macon County (Montezuma) plans to issue \$1,200,000 in bonds for constructing schools and courthouse.

ILLINOIS

CHICAGO, ILL.—Goldsmith Bros. Smelting & Refining Co., 29 East Madison Street, plans to build plant additions on 125 x 150 ft. site on Fifty-ninth and Throop Streets. A. Woltersdorf, 138 North La Salle Street, Architect.

CHICAGO, ILL.—Independent Snuff Co., 1800 North Winchester Avenue, let contract for three-story, 50 x 100 ft., brick and timber factory, brick foundation, on North Winchester Avenue and Bloomingdale Road, to W. Polzin, 2700 West Twenty-second Place. \$35,000.

CHICAGO, ILL.—International Leather & Belting Co., 3239 South Western Avenue, plans to build one and two-story brick and concrete factory building, concrete foundation, on Western Avenue, at Drainage Canal. Purcell & Elmslie, 122 South Michigan Avenue, Architects. \$100,000.

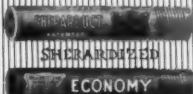
CHICAGO, ILL.—Conlon Electric Washer Co., 312 North May Street, let contract for building brick and reinforced concrete washing machine factory, on Fifty-second Avenue and West Nineteenth Street, to F. D. Chase, Inc., 122 South Michigan Avenue. \$250,000.

CHICAGO, ILL.—W. F. Hall Printing Co., 466 West Superior Street, had plans prepared by Graver & Dunkelberg, Architects, 80 East Jackson Street, for building seven-story, 130 x 325 ft., brick, concrete and timber addition to printing plant on Superior and Kingsbury Streets. \$800,000.

CHICAGO, ILL.—Faith Presbyterian congregation, 914 Pine Avenue, Austin, had plans prepared by R. W. Ermeling, Architect, 155 North Clark Street, for building one-story church, 65 x 90 ft., brick, brick foundation, on Pine Avenue and Augusta Street. \$50,000.

CHICAGO, ILL.—University of Chicago, 134 South La Salle Street, had plans prepared by B. Goodhue, Architect, Boston, Mass., for chapel building on University grounds. Cost between \$1,500,000 and \$2,000,000.

NATIONAL PRODUCTS



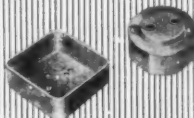
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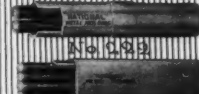
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CHICAGO, ILL.—University of Chicago, 134 South La Salle Street, plans to build laboratory and hospital near Cook County Hospital on west side, also hospital on south side, cost \$400,000 each; divinity and administration buildings, \$250,000 each.

CHICAGO, ILL.—Illuminating Electrical Ventilating Co., 154 Whiting Street, plans to build four-story, 60 x 300 ft., brick and reinforced concrete factory, reinforced concrete flooring and concrete foundation, on Elston Avenue and Snow Street. Lebenbaum, Marx & Vigeant, 175 West Jackson Street, Architects. \$100,000.

CHICAGO, ILL.—Bankers Supply Co., 2251 South Park Avenue, is having plans prepared for building one and two-story, 100 x 360 ft., brick and reinforced concrete printing plant, reinforced concrete flooring and concrete foundation, on State Street, near Fifty-ninth Street. E. C. & R. M. Shankland, 209 South La Salle Street, engineers. \$110,000.

CHICAGO, ILL.—R. H. Ashton, regional director of railroads, after conference with city officials, announced that plans have been completed for resumption of work on new Union Station. Entire project involves expenditure of about \$25,000,000 of which about 20 per cent has already been put in preliminary work. About \$5,000,000 will be expended during coming year.

GREAT LAKES, ILL.—Henry Schrik Co., 3722 West Chicago Avenue, Chicago, Ill., was awarded contract for constructing six swimming pools at \$139,333.

JOLIET, ILL.—F. J. Walsh, Bank Building, soon lets contract for building twelve-story garage. R. C. Hoen, First National Bank Building, Architect.

JOLIET, ILL.—Joliet Forge Co. receives bids about Feb. 15 for building one-story, 60 x 320 ft., brick and steel factory on Irving Street. J. D. Share, president. C. W. Webster, Cutting Building, Architect. \$140,000.

MT. CARMEL, ILL.—H. D. Mitchell, Scottsburg, Md., was the low bidder for constructing U. S. Post Office here at \$57,000.

INDIANA

ANDERSON, IND.—Anderson Banking Co., Tenth and Meridian Streets, plans to build four or five story bank and office, 72 x 144 ft. \$150,000.

SOUTH BEND, IND.—Notre Dame University plans to build social center here for students. \$50,000.

IOWA

CEDAR RAPIDS, IOWA.—Coe College, 1220 First Avenue, plans to build dormitory and science hall on First Avenue between Twelfth and Thirteenth streets. Cost between \$500,000 and \$600,000. J. A. Marquis, president.

DUBUQUE, IOWA.—Board of Education contemplates building three-story school. A. Harris, superintendent. R. Royer, Flat Iron Building, Urbana, Architect. \$465,000.

DUBUQUE, IOWA.—The Standard Oil Co., 900 N. Michigan Avenue, Chicago, Ill., will receive bids in spring for the construction of a garage, machine and paint shop. Estimated cost, \$50,000.

KEOKUK, IOWA.—Bids will be received in spring for the construction of an addition to factory of the Standard Four Tire Co., two stories, 20 x 50 ft. Estimated cost, \$500,000. J. L. Brady, Fourth and Blondeau Streets, Architects.

MT. PLEASANT, IOWA.—Plans have been prepared for remodeling the Y. M. C. A. Building into a high school, which may be constructed this year. Total estimated cost, \$80,000. G. L. Lockhart, 391 Endicott Building, Architect.

MUSCATINE, IOWA.—City is having plans prepared for building new biological building to replace one destroyed by fire. \$60,000.

NEWTON, IOWA.—First National Bank receives bids in spring to build brick and stone bank. \$50,000. Proudfoot, Bird & Rawson, 610 Hubbell Building, Des Moines, Architects.

WATERLOO, IOWA.—First Presbyterian congregation, 102 Independence Avenue, is having sketches prepared by C. P. Shockley, Architect, 719 Black Building, for a \$75,000 church. J. R. Macartneue, pastor.

KANSAS

ANTHONY, KAN.—W. Mampe, Architect, 529 Sheidley Building, Kansas City, Mo., has plans for three-story, 71 x 128 ft., brick, stone or terra cotta high school. Cost, \$85,000.

LOUISIANA

ALEXANDRIA, LA.—Wm. O'Neill & Sons Company, Fairbault, Minn., will remodel U. S. Post Office here at \$84,000.

MAINE

CARIBOU, ME.—I. F. Woodbury's Sons Co., Boston, Mass., will construct U. S. Post Office here at \$68,998.

MARYLAND

ANNAPOLIS, MD.—James L. Marshall, Washington, D. C., has contract for constructing general storehouse at \$80,858.

BALTIMORE, MD.—Hess Steel Corp., Biddle Street, receives bids in February for several one-story steel and reinforced concrete additions to plant. \$150,000.

BALTIMORE, MD.—C. T. Bagby, 818 Fidelity Building, and associates, plan to rebuild Seventh Baptist Church, North Avenue and St. Paul Street, recently destroyed by fire. \$85,000.

BALTIMORE, MD.—R. A. Lychon, care of Baldwin Locomotive Works, Broad and Spring Garden streets, Philadelphia, plans to build dance hall, skating rink, gymnasium and natatorium on North and Maryland avenues, here. Cost between \$150,000 and \$200,000.

TEXAS, MD.—Commissioners of Baltimore County (Towson) plan to build steel, concrete and brick almshouse to replace one recently destroyed by fire. W. F. Coughlan, Towson, president. \$100,000.

WESTMINSTER, MD.—Western Maryland Theological Seminary plans to build three-story chapel and dormitory, 48 x 105 ft., concrete and brick. H. L. Elderdice, president. \$50,000.

MASSACHUSETTS

CAMPBELL, MASS. (Brockton P. O.)—A. E. Keith Co. will build 64 x 71 ft. power plant, 40 ft. high. Jenks & Ballon, 735 Grosvenor Building, Providence, R. I., engineers. \$56,000.

NEWBURYPORT, MASS.—Franco-American Construction Co., 150 Nassau Street, New York City, were low bidders for constructing U. S. Post Office here at \$81,761.

WORCESTER, MASS.—E. T. Chapin, Architect, 340 Main Street, is preparing plans for one-story, 160 x 212 ft., brick and reinforced concrete garage on Mechanic Street. \$60,000.

MICHIGAN

DETROIT, MICH.—Board of Commerce, Lafayette Boulevard, plans to build four-story, 100 x 120 ft., concrete, brick and steel addition on Lafayette Boulevard and Wayne Street. J. J. Crowley, president.

DETROIT, MICH.—St. Hyacinth congregation, McDougall and Frederick avenues, plans to build one-story church, 110 x 220 ft., brick. About \$225,000. E. Brielmaier & Sons, 111 Mason Street, Milwaukee, Wis., Architects.

GRAND RAPIDS, MICH.—Board of Education is having preliminary sketches made by H. H. Turner, Architect, 24 Division Street, for brick school. H. M. Morrill, City Hall, secretary. \$100,000.

GRAND RAPIDS, MICH.—Board of Education is having plans prepared by H. Turner, Architect, 24 Division Street, for building Creston High School, reinforced concrete, brick and steel. \$350,000.

GRAND RAPIDS, MICH.—Board of Education is having preliminary sketches prepared by H. H. Turner, Architect, 24 Division Street, for addition to school. H. M. Morrill, City Hall, secretary. \$100,000.

HANCOCK, MICH.—First Congregational Church, Houghton, had plans prepared by H. T. Liebert, Architect, 632 First National Bank Building, Milwaukee, Wis., for two-story, 40 x 100 ft. church and parish house. G. L. Christensen, Houghton, secretary. \$75,000.

MINNESOTA

CHICAGO CITY, MINN.—Plans are being prepared for the construction of a reinforced concrete fireproof high and grade school, two stories and basement, 60 x 100 ft. G. L. Lockhart, 301 Endicott Building, St. Paul, Minn., Architect.

DULUTH, MINN.—Plans are being prepared for the construction of a grade school. Total estimated cost, \$95,000. Croft & Boerner, Lonsdale Building, Architects.

LE SUEUR, MINN.—St. Ann's congregation is having plans prepared by W. F. Keefe, Architect, 1192 Portland Avenue, St. Paul, for building one-story church, 65 x 180 ft. \$100,000.

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NEW YORK

MINNEAPOLIS, MINN.—Northwestern Telephone Exchange Co., Fifth Street and Third Avenue, S., will build eleven-story exchange, 132 x 147 ft., reinforced concrete and brick plant on Third Avenue, S., between Fourth and Fifth streets. Hewitt & Brown, 716 Fourth Avenue S., Architects.

MINNEAPOLIS, MINN.—The Electric Machinery Co. is contemplating the construction of an addition at Fourteenth Avenue, N. E., and Tyler Street, to be four stories and basement, mill and brick construction, 60 x 160 ft.

MINNEAPOLIS, MINN.—The following construction is templated by the University of Minnesota during 1919-1920: Business building, to cost \$260,000; addition to University High School, \$50,000; addition to Shevlin Hall, \$25,000; veterinary building at university farm, \$25,000.

PINE ISLAND, MINN.—Board of Education is having plans prepared by Stebbins & Haxby, Architects, 445 Auditorium Building, Minneapolis, for two-story high school, 60 x 106 ft., reinforced concrete and brick. L. L. Cornwell, clerk.

ROCHESTER, MINN.—Kahler Roberts Corporation is having plans prepared by F. H. Ellerbe, Architect, 692 Endicott Building, Minneapolis, for eight story, 50 x 140 ft. hotel.

ST. PAUL, MINN.—Minnesota Agricultural Society, State Fair Grounds, plans to build reinforced concrete and brick live stock pavilion. T. H. Canfield, secretary and manager. \$300,000.

ST. PAUL, MINN.—Griggs, Cooper & Co., Third Street and Broadway, let contract for building four-story, 120 x 240 ft., reinforced concrete factory, on Fairview and University Avenues, to Toltz Eng. Co., 1419 Pioneer Building. \$300,000.

SHERBURN, MINN.—St. Luke's congregation is having revised plans prepared by W. F. Keefe, Architect, 1192 Portland Avenue, St. Paul, to build one-story church, 50 x 160 ft. \$50,000.

MISSOURI

CONCORDIA, MO.—St. Paul's College has plans by Chas. F. May, Merchants' Laclede Building, St. Louis, for living room and gymnasium, 43 x 125 ft. and 52 x 80 ft., three stories, brick and stone, wood and composition roof, reinforced floor construction. Cost, \$60,000.

FULTON, MO.—Board of Managers of State Hospital will ask State Legislature, Jefferson City, for appropriation to build power house to cost \$40,000 and equipment, \$27,000.

ST. LOUIS, MO.—Third National Bank, Broadway and Olive Street, will build two-story bank, 41 x 127 ft., reinforced concrete and steel annex. G. Brueggeman, 902 Third National Bank Building, Architect. \$100,000.

ST. LOUIS, MO.—Central Baptist Church, George E. Stevens, pastor, has plans by Ernest Hess, 3226 Magnolia Street, St. Louis, for reconstruction of building at 2834 Washington Avenue, one story, stone. Cost, \$20,000.

ST. LOUIS, MO.—St. Michael's Russian Church, Rev. Alexis Dankevitch, pastor, 1125 Hickory Street, is having plans prepared by J. M. Dunham, Chemical Building, St. Louis, for church, hall and parsonage, brick and stone, one story, 60 x 102 ft. Cost, \$30,000.

SULLIVAN, MO.—Bank of Sullivan has plans by William Wedemeyer, Wainwright Building, St. Louis, for bank and office building, two stories, 31.5 x 90 ft. Cost, \$30,000.

NEBRASKA

KEARNEY, NEB.—City plans to build hospital. About \$100,000.

LINCOLN, NEB.—School District Fifteenth and N streets, will build two-story, reinforced concrete and brick school on Thirty-third and Vine streets. Fisk & Meginnis, Bankers Life Building, Architects, \$61,000.

LINCOLN, NEB.—School District, Fifteenth and N streets, will build school on Twenty-second and Lake streets. Fisk & Meginnis, Bankers Life Building, Architects. \$75,000.

NEW JERSEY

LINDEN, N. J.—MacGovern & Co., 114 Liberty Street, New York City, let contract for building one-story, 50 x 150 ft., steel and brick factory, reinforced concrete flooring, to H. Wilhelm & Sons, 803 East Jersey Street, Elizabeth. \$25,000.

TRENTON, N. J.—City plans to build three-story school on Bellevue Avenue. T. A. Klemann, 239 Bellevue Avenue, Architect. \$200,000.

TRENTON, N. J.—L. L. Woodward, president Chamber of Commerce, and associates, plan to build hotel. \$1,000,000.

TRENTON, N. J.—State plans to build assembly hall on site adjoining State House. F. H. Bent, Bound Brook, Architect. \$250,000.

TRENTON, N. J.—State plans to purchase building on New York Avenue to convert into garage and warehouse, also construct new building. F. H. Bent, State Architect, State House, Trenton, N. J. \$70,000.

WOODBURY, N. J.—T. H. Mitchell, Salisbury, Md., will construct U. S. Post Office here at \$63,444.

UNION HILL, N. J.—Board of Education had plans prepared by J. Lugosch, Architect, 21 Bergenline Avenue, for three-story school, 105 x 192 ft., brick and concrete, on Hudson Avenue, between First and Second Streets. A. Reisenberg, president. \$200,000.

NEW MEXICO

SAN JUAN, N. M.—William MacDonald Construction Co., Odd Fellows Building, St. Louis, Mo., were low bidders for constructing two lavatory annexes at the Indian School here, at \$12,785.

SILVER CITY, N. M.—Silver City National Bank plans to build four-story bank and hotel.

NEW YORK

BROOKLYN, N. Y.—Department Public Charities is having plans prepared by F. J. Helmle, Architect, 190 Montague Street, for four-story, 50 x 100 ft., steel and brick nurses' home at Kings County Hospital, Clarkson Street and Alabama Avenue. \$75,000.

BROOKLYN, N. Y.—Coney Island Talmud Torah, Inc., 2861 West Thirty-second Street, Coney Island, is having plans prepared by B. W. Dorfman, Architect, 26 Court Street, for three-story, 56 x 100 ft., steel and brick school on Thirty-first Street between Mermaid and Neptune Avenues. M. Friedman, president. \$50,000.

LONG ISLAND CITY, N. Y.—L. Gold, 44 Court Street, will build two-story, 100 x 150 ft., steel and brick factory, concrete foundation, on Nott Avenue. \$65,000.

LONG ISLAND CITY, N. Y.—Board of Education, 500 Park Avenue, New York City, is having plans prepared by C. B. J. Snyder, Architect, Municipal Building, New York City, for three-story, 105 x 108 ft., steel and brick school on Colonial Avenue between Livingston and Meteor streets. \$200,000.

NEW YORK, N. Y.—Berth Levi & Co., 42 Broadway, purchased site at 35-37 Frankfort Street and plan to build 50 x 100 ft. steel and brick office and loft.

NEW YORK, N. Y.—Bronx Hospital, Fulton Avenue and 169th Street, had plans prepared for building additions and altering for four-story brick and steel hospital building. L. Abramson, 220 Fifth Avenue, Architect. \$50,000.

NEW YORK, N. Y.—Estate of R. S. Clark, 19 Liberty Street, J. M. Knox, owner, is having plans prepared by A. C. Jackson, Architect, 25 Madison Avenue, for four-story, 25 x 100 ft., brick and steel office at 89 Maiden Lane. \$50,000.

NEW YORK, N. Y.—Beth Israel Hospital, 70 Jefferson Street, is having plans prepared by L. Abramson, Architect, 220 Fifth Avenue, for sixteen-story hospital, 175 x 200 ft., steel and brick, concrete foundation, Sixteenth and Seventeenth streets and Livingston Place. \$1,000,000.

POUGHKEEPSIE, N. Y.—State Hospital plans to build one-story, 35 x 350 ft., frame hospital for tubercular patients. \$95,000.

SYRACUSE, N. Y.—Onondaga Hospital Association, care H. D. Phoenix, Architect, Union Building, had plans prepared for four-story brick hospital at 415 West Onondaga Street. \$100,000.

UTICA, N. Y.—State Hospital Commission, Albany, plans to build two-story laboratory, 44 x 60 ft., brick, at State Hospital. \$50,000.

WATERLOO, N. Y.—Dreher Construction Co., Chicago, Ill., will construct U. S. Post Office here at \$62,300.

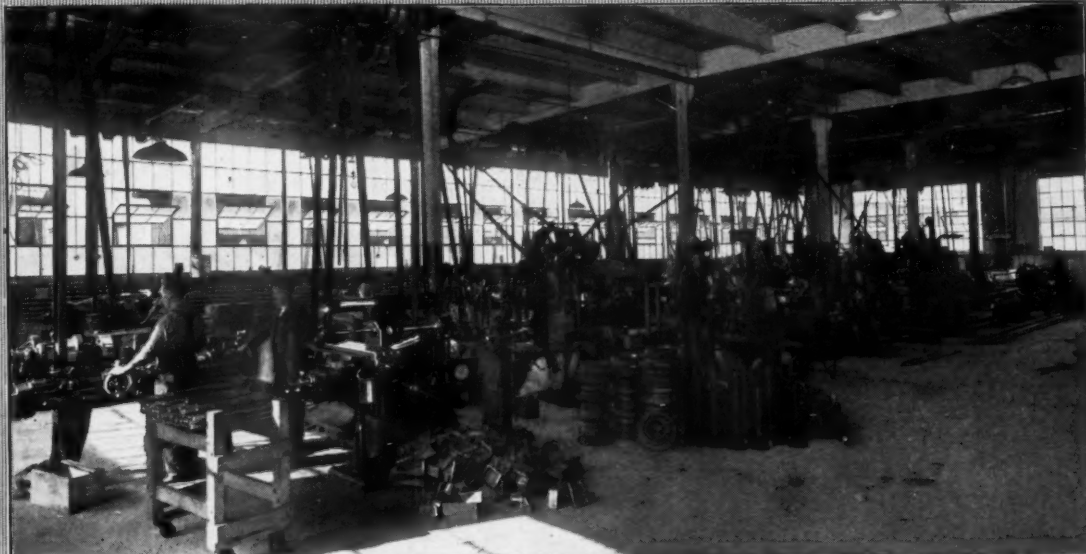
NORTH CAROLINA

CHAPEL HILL, N. C.—Victor S. Bryant and others of alumni and L. R. Wilson and others of faculty of University of North Carolina are interested in erection of Students' Activities Building as memorial to late Dr. Edward Kidder Graham, former president of university.

GASTONIA, N. C.—Y. M. C. A. plans to construct \$100,000 building here.

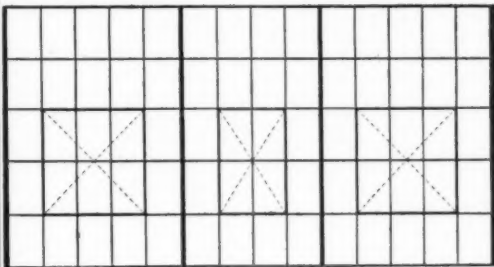
SEDALIA, N. C.—Palmer Memorial Institute, Char-

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lotte Hawkins Brown, principal, will erect \$50,000 building to replace structure damaged by fire.

STATESVILLE, N. C.—J. S. Hammond is having plans prepared by W. H. Peeps, Architect, 222 Latta Avenue, Charlotte, for building hotel. Cost between \$125,000 and \$150,000.

OHIO

CATAWBA, OHIO.—Catawba Candy Co. plans to build addition to plant. \$150,000.

CLEVELAND, OHIO.—Torbenson Axle Co., 1115 East 152nd Street, let contract for building two-story, 100 x 140 ft., brick, reinforced concrete and steel addition to factory to S. W. Emerson Co., 1900 Euclid Avenue. \$75,000.

DAYTON, OHIO.—Frank Hill Smith Co., Inc., East Third Street, plans to build four-story sales building, 50 x 200 ft., reinforced concrete, on East Third Street. \$50,000.

YOUNGSTOWN, OHIO.—Plans have been completed for the construction of a new plant which will involve an expenditure of \$2,000,000 for the Youngstown Steel Car Co., 1609 Wilson Avenue. A site of 75 acres has been acquired and about 2000 workers will be employed. The plans will consist of three principal units and a number of smaller ones. Wm. Wilkoff, president, Youngstown Steel Car Co.

OKLAHOMA

GARBER, OKLA.—L. Moran soon lets contract for building three-story hotel, 75 x 116 ft., brick and stone. R. W. Shaw, Beck Building, Enid, Architect. \$60,000.

MIAMI, OKLA.—T. L. Robinson is reported to erect ten-story office building, brick and reinforced concrete.

OKMULGEE, OKLA.—N. M. Kimbley will erect six-story office building, 50 x 100 ft., reinforced concrete, brick and stone. Cost, \$130,000. Smith, Rea & Lovitt, Architects, Finance Building, Kansas City, Mo.

PAULS VALLEY, OKLA.—City voted \$75,000 high school bonds. Address the Mayor.

TULSA, OKLA.—Henry Kendall College of Tulsa will soon commence upon a program of expansion that contemplates the expenditure of at least \$500,000.

PENNSYLVANIA

ATHENS, PA.—Ingersoll-Rand Mfg. Co., 11 Broadway, New York City, soon receives bids for building one-story, 112 x 240 ft., brick and steel machine shop here. D. A. Keefe, 711 South Main Street, engineer. \$55,000.

HARRISBURG, PA.—Plans are being prepared for the construction of a two-story brick high school building, 80 x 145 ft., to cost approximately \$100,000. C. Howard Lloyd, Architect, Telegraph Building, Harrisburg, Pa.

PHILADELPHIA, PA.—L. W. Hirsh Co., 933 Market Street, had plans prepared by F. E. Hahn, Architect, 1112 Chestnut Street, for remodeling five story, 46 x 200 ft. building adjoining present store into addition for its own use. \$250,000.

PHILADELPHIA, PA.—Market Street Title & Trust Co., Fifty-second and Market streets, is having plans prepared by W. L. Blithe, Architect, 608 Chestnut Street, for two-story bank, 30 x 120 ft., brick and terra cotta. A. Wilson, president. \$75,000.

SOUTH CAROLINA

GREENVILLE, S. C.—City School Commissioners are considering \$150,000 bond issue to erect high school, grammar school and other school buildings. P. T. Hayne, chairman of committee to circulate petition.

TENNESSEE

JACKSON, TENN.—Methodist Conference and city of Jackson are having plans prepared for Woman's College buildings. Estimated cost, \$500,000. Details not determined. E. R. Naylor, president Woman's College.

KNOXVILLE, TENN.—University of Tennessee, Dr. Brown Ayres, president, will expend \$65,000 for erection of buildings, to include gymnasium and armory, two and five stories, 110 x 150 ft.; administration building, also agricultural laboratory at experimentation farm. All buildings brick and concrete; fireproof. Miller, Fullenwider & Dowling, Architects, 6 Michigan Avenue, Chicago.

NASHVILLE, TENN.—Spilleds Co., 134 Second Avenue, S., plans to rebuild plant recently destroyed by fire. Loss, \$50,000.

NEWPORT, TENN.—Unaka Tanning Co. plans to rebuild plant recently destroyed by fire. Loss, between \$300,000 and \$500,000.

TEXAS

COLLEGE STATION, TEX.—Board of Directors, Agricultural and Mechanical College of Texas, will erect fireproof laboratory building for physics department and fireproof administration building for mechanical engineering department; former 65 x 130 ft., latter 60 x 90 ft. Plans and specifications obtainable from Department of Agriculture, College Station; W. Scott Dunne, Architect, Department of Agriculture. \$75,000.

FORT WORTH, TEX.—Citizens' Amusement Co., H. G. Cottar, president; A. S. Mims, manager, will organize, with capital of \$600,000, to erect five-story theater and office building, 50 x 200 ft.

FORT WORTH, TEX.—William Capps will erect three additional stories to five-story building at Fifth and Throckmorton Streets for offices. Cost, \$65,000 to \$75,000.

GALVESTON, TEX.—City National Bank, 2223 D Street, is having plans prepared by Weir, Alfred & Co., Architects, Chicago, for building 50 x 120 ft., reinforced concrete and brick on Market and Twenty-second streets. \$100,000.

PARIS, TEX.—First Methodist Church purchased site at Lamar Avenue and Clarksville Street and will erect \$100,000 structure. Address the pastor.

WICHITA FALLS, TEX.—Chamber of Commerce plans to build 250 room hotel. \$600,000.

VIRGINIA

NORFOLK, VA.—James J. Stewart & Co., 30 Church Street, New York City, were awarded contract for constructing plant for the Norfolk-Hampton Roads Dry Dock & Ship Repair Association, located on Hampton Roads Terminal property at Lambert's Point, to cost approximately \$7,000,000.

RICHMOND, VA.—Plans are being prepared for the construction of a bank for the United States Federal Reserve Bank, of brick, stone and steel. Estimated cost, \$400,000. Buckley & Fenhagen, Architects, 11 E. Pleasant Place, Baltimore, Md.

RICHMOND, VA.—Grace Methodist Church, Dr. John F. Carey, pastor, will erect building at Stuart Avenue and Boulevard, probably stone, tile roof, hardwood floors. Cost, \$75,000 to \$100,000. Architect not selected. Address S. E. Bishop, 721 Main Street, Richmond.

YORKTOWN, VA.—Hughs-Foulkrod Co., 1406 Commonwealth Building, Philadelphia, Pa., were low bidders for constructing an administration building, barracks, mess hall and scrub house at the naval mind depot here, at \$309,977.

WISCONSIN

MILWAUKEE, WIS.—Plans are being prepared for the construction of a candy and biscuit factory at National Avenue and Thirty-fourth Street, reinforced concrete construction, brick walls, seven stories and basement, 135 x 310 ft., for R. A. Johnson Co., 270 Florida Street. Estimated cost, \$500,000. H. J. Esser, 402 Camp Building Architect.

MILWAUKEE, WIS.—Among the larger building projects which have been proposed for immediate erection are: Courthouse, \$2,000,000; Wisconsin National Bank, East Water and Wisconsin Streets, \$500,000; county and emergency hospital at Twenty-fifth Street and Grand Avenue, \$1,000,000; public market building, \$250,000; school building at Twenty-seventh Street and Grand Avenue, \$175,000; Bay View High School, \$250,000; Cutler-Hammer Co., additional unit to plant, Twelfth Street and St. Paul Avenue, \$150,000; Milwaukee Paper Box Co., South Pierce Street and Muskego Avenue, \$225,000 plant; Evangelical Lutheran Congregation Church, Sixteenth Street and Fond du Lac Avenue, \$60,000; National Exchange Bank, new building to be constructed at East Water and Wisconsin Streets, \$250,000; Western Electric Co., plant at Clybourn and Sixteenth Streets, \$80,000; Standard Oil Co., distributing station, Barclay Street, \$150,000; H. Schmidt Co., garage and manufacturing building at Farwell and North Avenues, \$100,000; Luic Ice Cream Co., additional unit at Jackson and Ogden Avenues, \$40,000.

PLAIN, WIS.—Bids will be received for the construction of a church, school, sisters' home and rectory, brick and tile, reinforced concrete construction, for the St. Luke's Catholic congregation. Estimated cost, \$250,000. E. R. Liebert, 512 Colby-Abbott Building, Milwaukee, Architect.

RICHLAND CENTER, WIS.—First National Bank plans to build brick and stone bank. \$50,000.



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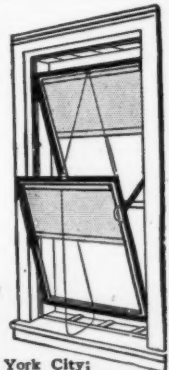
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BUILDING NEWS

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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ARIZONA

AJO, ARIZ.—Trustees Arizona School District No. 15 will build two-story hollow tile school. Edwards & Wilkey Co., Black Building, Los Angeles, Cal., contractors. \$129,000.

AJO, ARIZ.—Contract will soon be let by the School Trustees, Ajo School District, No. 15, for the construction of a two-story school building. Estimated cost, \$195,000. Lescher & Kibbey, Bank of Arizona Building, Phoenix, Ariz., Architects.

GLOBE, ARIZ.—C. E. Goodhand, Chadron, Neb., will construct U. S. Post Office here at \$105,810.

CALIFORNIA

BAKERSFIELD, CAL.—City will vote on \$125,000 bonds to build Lincoln School, addition to Fremont School and install heating system in Franklin School.

INGLEWOOD, CAL.—Darrell-Condley Co., 520 March Strong Building, San Francisco, Cal., will construct two double cottages, one four room cottage and sewer system here at \$19,795.

SACRAMENTO, CAL.—City will vote on \$300,000 bonds to build memorial hall. F. C. Miller, city engineer.

SAN DIEGO, CAL.—Paschen Bros., 111 West Washington Street, Chicago, Ill., will construct addition to building here at \$379,000.

SAN FRANCISCO, CAL.—Charles J. W. Koenig, 520 Church Street, San Francisco, Cal., will construct two double cottages, four room cottage and sewer system here at \$15,992.

SAN JOSE, CAL.—A. Hart will build five-story, 100 x 100 ft., reinforced concrete store, reinforced concrete flooring, concrete foundation, on Santa Clara and Market Streets. Work will be done by day labor.

SAN MARINO, CAL.—H. E. Huntington is having plans prepared by M. Hunt, Architect, 1017 Hibernian Building, Los Angeles, for two-story, 160 x 200 ft. reinforced concrete and brick library, with three wings, each 150 ft. long, reinforced concrete flooring, concrete foundation, on Oak Knoll. \$100,000.

TULARE, CAL.—Carpenter Cheese Co., Salida, Cal., will soon let contract for the construction of a 60 x 200 ft. factory building here. Estimated cost, \$100,000.

VENTURA, CAL.—Ventura County plans to build county hospital. A. C. Martin, Architect, 430 Higgins Building, Los Angeles, is preparing plans. \$200,000.

WEST POINT, CAL.—Algernon Blair, Montgomery, Ala., will construct U. S. Post Office here at \$53,900.

COLORADO

COLORADO SPRINGS, COL.—Hassel Iron Works, Moreno and Sierra Madre Streets, plans to build addition to factory. W. W. Hassell, president. \$50,000.

DURANGO, COL.—J. H. Wiese, Omaha, Neb., will construct U. S. Post Office here at \$131,616.

CONNECTICUT

BRIDGEPORT, CONN.—Fire Commissioners plan to build police station on Caroline and Arctic Streets. J. C. Stanley, president. \$75,000.

BRIDGEPORT, CONN.—I. O. O. F., 1089 Broad Street, plans to build club on Golden Hill, Harrison and Elm Streets. \$150,000.

BRIDGEPORT, CONN.—United Congregational Church, Broad and Gilbert Streets, plans to build brick, concrete and steel church on Broad, John and Bank Streets. W. H. Day, pastor. Cass Gilbert, 244 Madison Avenue, New York City, Architect. \$300,000.

BRIDGEPORT, CONN.—West Side Bank, 1418 State Street, plans to build on State Street between Hancock and Butler Avenues. W. P. Kirk, president. \$50,000.

BRIDGEPORT, CONN.—Susman-Feuer-Brownstein Co., 23 Bank Street, let contract for building four-story, 78 x 100 ft., brick, steel and concrete grain elevator, reinforced concrete flooring and concrete foundation, on Water Street, to W. A. Smith & Son, 188 Cannon Street. \$60,000.

HARTFORD, CONN.—Bids will be received about April 1 by Swift & Co., 60 North Market Street, Boston, Mass., for the construction of a two-story, 78 x 100 ft.,

brick and concrete storage building, reinforced concrete flooring and concrete foundation, on Church Street. Estimated cost, \$90,000. A. E. Bump, 60 North Market Street, Boston, Mass., engineer.

NEW LONDON, CONN.—Bids will be received about Feb. 15 for the construction of a brick and concrete theater building, reinforced concrete flooring and concrete foundation, on Bank Street, for C. H. Dugy and W. F. Murphy, 143 Bank Street. Estimated cost, \$125,000. H. R. Brewster, Architect, 116 Nassau Street, New York City.

WATERBURY, CONN.—Board of Health plans to build isolation hospital costing \$150,000.

WATERBURY, CONN.—Hotel Elton, West Main and Prospect Streets, plans to alter and build addition. W. E. Hunt, 182 South Main Street, Torrington, Architect. \$150,000.

WETHERSFIELD, CONN.—State Institution, Hartford, plans to build brick, steel and reinforced concrete prison. L. W. Robinson, 42 Church Street, New Haven, Architect. \$1,500,000.

GEORGIA

LA GRANGE, GA.—Plans are being formulated here for the construction of a modern hotel building to cost approximately \$250,000. J. E. Dunson, Jr., Ely R. Callaway, J. A. Perry, Horace Lanier and H. W. Caldwell make up the committee to select a site and make other preliminary arrangements.

ILLINOIS

BLOOMINGTON, ILL.—Kinlock-Bloomington Telephone Co. plans to build two-story exchange, 45 x 120 ft., on Washington and Prairie streets. Cost between \$50,000 and \$75,000. J. T. Lillard, president.

CHICAGO, ILL.—F. D. Chase, Inc., 122 South Michigan Avenue, this city, was awarded contract for constructing brick and reinforced concrete washing machine factory for the Conlon Electric Washer Co., 312 North May Street, on Fifty-second Avenue and West Nineteenth Street, at approximately \$250,000.

CHICAGO, ILL.—Standard Oil Co. of Indiana, 910 South Michigan Avenue, is having plans prepared by Schinz & Bailey, Architects, 802 Monadnock Building, for two one-story, 75 x 120 ft., brick and reinforced concrete distributing stations, one on Seventy-first and Halsted Streets and other on Stoney Island and Marquette Road. \$40,000 each.

CHICAGO, ILL.—Weir & Craig, 6316 Wentworth Avenue, are having plans prepared by F. Lindquist, Architect, 179 West Washington Street, for three-story, 100 x 125 ft., brick and timber warehouse on Sixty-third Street and Wentworth Avenue. \$75,000.

CHICAGO HEIGHTS, ILL.—Armour Fertilizer Works, Union Stock Yards, Chicago, are having plans prepared by R. C. Clark, Architect, care of company, for one-story, 240 x 520 ft., steel and concrete fertilizer plant on State Street and Chicago Heights Terminal Transfer R. R. \$500,000.

EAST ST. LOUIS, ILL.—National Catholic War Council plans to build community center. D. McGlynn, 120 North Main Street, chairman. J. Ware, Wash., D. C., Architect. \$200,000.

JOLIET, ILL.—Bids will soon be received by F. J. Walsh, Bank Building, for constructing a twelve-story garage. R. G. Hoen, First National Bank Building, Architect.

JOLIET, ILL.—The Joliet Forge Co. will construct a one-story, 60 x 320 ft., brick and steel factory on Irving Street. Total estimated cost, \$140,000. J. D. Sharpe, president, Cutting Building, Architect.

MOLINE, ILL.—J. N. Pierr, 1517 Fifth Avenue, plans to rebuild brick store on Fifteenth Street and Fifth Avenue. \$80,000.

SOUTH BARTONVILLE (PEORIA P. O.), ILL.—American Milling Co. plans to rebuild plant recently destroyed by fire. Loss, \$750,000. H. G. Atwood, president.

WOODRIVER, ILL.—Tidewater Oil Co., Constable Hook, Bayonne, N. J., plans to build oil refinery here and extend pipe line from here to Tulsa, Okla.

Double the Heat on Half the Coal by— "85% Magnesia"



DURING the cold spell a man was showing a visitor over his new house. "It's too bad we are so cold here to-day," he said. "That's our only trouble. I have a big heater, run it hard and burn lots of coal, but on a cold day we do shiver."

They went down to inspect the heater outfit. The visitor, who was an engineer, made some quick observations and said:—

"I see your trouble. Observe, this basement is the hottest place in the house. You've lots of heat where you don't need it and not enough where you do. The trouble is that your boiler and steam-risers are not properly insulated, and you lose your heat before it gets to the radiators.

"Remember that if heat can pass out of metal radiators it passes out of the *unprotected* boiler and risers just the same—and more, because the heat gets to them *first*—and that *heat wastage is the thief of your coal*.

"Cover your boiler and pipes with '85% Magnesia,' and you will get double the heat with half the coal and half the work. Then *all* the heat you now waste in this basement, in the partitions, in that closet upstairs, must get to the radiators. With '85% Magnesia' you will save enough coal in a few months to pay for the installation. Your basement will be cool but your rooms will be warm as toast."

In the goodly fellowship of users of "85% Magnesia" Uncle Sam is a charter member; for he has specified it for his Fleet since 1888; the U. S. Shipping Board followed suit, and the U. S. Fuel Administration recommended it to the public.

All our powerful locomotives are protected by "85% Magnesia." Unnumbered power-plants protect their steam by it. In the biggest skyscrapers, public buildings, hotels, and in thousands of private residences, it is now saving the heat and saving the coal.

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In this house heater and steam piping are covered with "85% MAGNESIA" insulation. **Result:**—every room is warm all winter, on half the coal required if heater and pipes were left bare.

HOT BASEMENT

But in this twin house heater and steam piping are **LEFT BARE**. **Result:** Chilly rooms on double the coal used in the house where heater and pipes are insulated with "85% Magnesia."

INDIANA

ANDERSON, IND.—The Madison County Council has appropriated \$50,000 for the construction of a tuberculosis hospital, a farm of ninety acres one mile northwest of here having been purchased for a site.

BLUFFTON, IND.—The H. C. Bay Piano Co. is contemplating the construction of additional buildings to its plant here.

FRANKFORT, IND.—A special election for the purpose of voting on the question of a memorial hospital in honor of Clinton County soldiers has been ordered by the County Commissioners, which will be held on March 4. The ballots will set forth that the hospital will cost approximately \$100,000.

ROCKPORT, IND.—Commissioners of Spencer County propose building two-story, 105 x 112 ft., reinforced concrete and brick courthouse. E. E. Dunlap, 910 State Life Building, Indianapolis, Architect. \$175,000.

SOUTH BEND, IND.—J. J. Handelsman, care of Inland Steel Co., is having plans prepared by C. W. and G. L. Rapp, Architects, 69 West Washington Street, Chicago, for building two-story theater, 140 x 160 ft., steel and reinforced concrete moving picture theater at 216 South Michigan Street. \$300,000.

IOWA

CHEROKEE, IOWA.—J. H. Wiese, Omaha, Neb., will construct U. S. Post Office here at \$63,250.

DODGE CITY, IOWA.—A special election will be held here on April 1 to decide the question of issuing bonds amounting to \$90,000 for the construction of a large auditorium here to accommodate the large meetings of southwestern Kansas.

DUBUQUE, IOWA.—Bids will be received about June 1 by the Board of Education for the construction of a three-story school building. Total estimated cost, \$465,000. A Harris, superintendent, Board of Education. R. Royer, Flatiron Building, Urbana, Iowa, Architect.

SIOUX CITY, IOWA.—Marine Terminal Elevator Co., Grain Exchange, let contract to build reinforced concrete and brick terminal elevator, also 44 x 151 ft. work house and fifteen storage tanks, to Younglove Construction Co., 312 U. B. Building. \$150,000.

KANSAS

HILLSBORO, KAN.—Tabor College will build three-story, 90 x 160 ft., brick and stone college at a cost of \$100,000. W. Mampe, 559 Sheidley Building, Kansas City, Mo., Architect.

LEAVENWORTH, KAN.—Board of Education will erect community building, two stories, 96 x 130 ft., brick. T. W. Williamson & Co., 418 Central Bank Building, Topeka, Architects. \$90,000.

MCPHERSON, KAN.—McPherson Co. plans to build hospital. Bond for \$100,000 voted for project. A. J. Cedarholm, county clerk.

PRATT, KAN.—Board of Education let contract for building three-story, 86 x 200 ft., brick and reinforced concrete school, to W. Foley, Dodge City. \$157,087.

TOPEKA, KAN.—J. V. Deever, Big Springs, plans to build 75 x 100 ft. garage at 1032 Kansas Avenue here.

TOPEKA, KAN.—Whiteker Bros., First Street and Kansas Avenue, plan to build garage on Kansas Avenue. \$30,000.

KENTUCKY

ASHLAND, KY.—Plans are being prepared for the construction of a two-story, 100 x 140 ft., church building on Carter and Eighteenth Streets for the First Methodist Episcopal Congregation. Estimated cost, \$110,000. V. T. Ritter, Architect, National Bank Building, Huntington, W. Va.

LOUISIANA

NEW ORLEANS, LA.—Orpheum Circuit is having plans prepared by J. Lansburg, Architect, San Francisco, Cal., for one-story, 150 x 200 ft., steel theater. Address M. Beck, 1564 Broadway, New York City. \$400,000.

NEW ORLEANS, LA.—Southern Yacht Club, West End, plans to build new concrete club on site of present building. P. S. Benedict, commodore. \$200,000.

MARYLAND

BALTIMORE, MD.—Bids will be received in February by the Hess Steel Corporation, Biddle Street, for the construction of several one-story steel and reinforced concrete additions to their plant. Total estimated cost, \$150,000.

BALTIMORE, MD.—Public Service Building Co., Lexington Street Building, let contract for building twenty-one story office and store, steel and terra cotta, on Lexington and Liberty Streets, to Cogswell-Koether Co., 406 Park Avenue. \$50,000.

WESTMINSTER, MD.—B. F. Shriver Co. let contract for building one-story, 36 x 42 ft., power plant, and one-story, 50 x 90 ft., factory, reinforced concrete foundation, on Main Street, to J. F. Roystone Eng. Co., Westminster. \$50,000.

MASSACHUSETTS

CAMBRIDGE, MASS.—City soon receives bids for remodeling and building brick, steel and concrete addition to fire house and police station on Central Square. C. H. Blackall, 20 Beacon Street, Boston, Architect. \$85,000.

FOXBORO, MASS.—Bids will soon be received by the State Commission on Mental Diseases, State House, Boston, for the construction of a two-story, 60 x 130 ft., brick and timber ward hospital building. Estimated cost, \$105,000. Address M. Kline, 36 State House, Boston, Mass.

FRAMINGHAM, MASS.—State Board of Education applied to Legislature for appropriation of \$161,000 to build dormitory for State Normal School here.

HAVERHILL, MASS.—Bids will be received in spring by W. D. Stearns, president Y. M. C. A., 75 main Street, for constructing building to cost approximately \$150,000.

LOWELL, MASS.—Merrimac River Savings Bank, William and Central Streets, let contract for altering and building addition to three-story, 100 x 150 ft., brick and steel bank to Hoggson Bros., 485 Fifth Avenue, New York City. \$50,000.

NEW BEDFORD, MASS.—A. Ashley, Mayor, applied to State Legislature for authority to borrow \$400,000 to build city hospital.

NEW BEDFORD, MASS.—City applied to State Legislature for authority to reconstruct old high school on Summer Street. A. Ashley, Mayor.

SPRINGFIELD, MASS.—Board of Education is having plans prepared by G. C. Gardner, Architect, 33 Lyman Street, for building brick addition to school on Chestnut Street. \$200,000.

WATERTOWN (MIDDLESEX P. O.), MASS.—Aetna Mills plans to build brick and concrete office to cost \$50,000.

WORCESTER, MASS.—P. G. Homes, Mayor, has recommended the construction of a new girls' trade school, at a cost of \$100,000; a new ward at Belmont Hospital, to cost \$114,000; that an addition be constructed at classical high school to provide a new administration building for the school department, a new gymnasium for the school and extra schoolrooms. The construction of a new building adjoining Police Headquarters, the widening of Belmont Street, the construction of a new high service reservoir in Tatmuck, the purchase of land adjoining the Public Library as a site for an addition to the library.

MICHIGAN

DETROIT, MICH.—F. L. Brooke, 82 Melbourne Avenue, trustee for late W. W. Hannan, plans to build auditorium on Woodward Avenue, to be known as Hannan Memorial Hall. Building will be bequeathed to city when completed. \$2,500,000.

DETROIT, MICH.—Grace Hospital plans to build hospital in vicinity of Fairview. W. L. Babcock, superintendent. \$150,000.

DETROIT, MICH.—Smith, Hinchman & Grylls, Architects, 710 Washington Arcade, will alter six-story brick, reinforced concrete and steel mercantile building on Woodward Avenue, for Lewin-Neiman Co., 183-185 Woodward Avenue. \$125,000.

PORTLAND, MICH.—Board of Education, C. L. Crane, secretary, contemplates building two-story, 74 x 140 ft., brick and reinforced concrete high school costing \$100,000. T. E. White, 312 City National Bank Building, Lansing, Architect.

MINNESOTA

BRAINERD, MINN.—Northern Pacific Railroad, Railroad Building, St. Paul, receives bids in February or March for building two-story, 40 x 160 ft., reinforced concrete and brick depot. O. M. Rognan, Railroad Building, Architect. \$65,000.

DULUTH, MINN.—City plans to build three-story, reinforced concrete, brick and steel hospital. \$600,000.

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are on exhibition at our nurseries at Scarborough, N. Y., and the stock described below should be seen to be appreciated. It will be found to be unequalled in quality.

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TARRYTOWN, NEW YORK

DULUTH, MINN.—Board of Education will build three-story school, reinforced concrete, brick and steel, on Fifth Avenue, E., to cost \$60,000. Croft & Boerner, 1201 Fidelity Building, Architects.

MILACA, MINN.—Hanson Bros. plan to build one-story, 65 x 130 ft., brick garage.

ST. CLOUD, MINN.—Pan Motor Co. had plans prepared for one-story, 130 x 180 ft., steel foundry.

STILLWATER, MINN.—Board of Education receives bids in March for building two-story, 60 x 98 ft., reinforced concrete and brick school. W. L. Alban, 347 Endicott Building, St. Paul, Architect. \$50,000.

MISSOURI

FULTON, Mo.—Calloway Co. plans to build hospital. About \$75,000 appropriated for site and hospital.

JEFFERSON CITY, Mo.—W. H. Mueller plans to build 57 x 198 ft., brick theater on High Street. \$60,000.

ST. LOUIS, Mo.—City plans to hold an election to vote on a bond issue of \$22,000,000 for constructing a series of grain elevators with a total capacity of 1,500,000 bushels. J. A. Hooke, Director of Public Utilities.

ST. LOUIS, Mo.—Bids will be received about Feb. 1 by the Third National Bank, Broadway and Olive Street, for the construction of a bank building, two stories, 41 x 127 ft., reinforced concrete and steel, annex to the present bank building, reinforced concrete flooring and concrete foundation, to cost about \$100,000. G. Brugge-man, 902 Third National Bank Building, Architect.

ST. LOUIS, Mo.—H. Kiel, mayor, submitted report to Board of Estimate and Apportionment recommending that two-story, reinforced concrete addition be built to Municipal Courts, Thirteenth and Market streets, costing \$150,000. L. R. Bowen, City Hall, engineer.

ST. LOUIS, Mo.—Washington University, Skinker and Lindell streets, receives bids in March for two-story, 150 x 200 ft., reinforced concrete college. F. A. Hall, chancellor. J. F. Jamieson, Security Building, Architect. \$300,000.

VALLEY PARK, Mo.—Universal Glass Co. of Pennsylvania plans to remodel, re-equip and reopen glass plant on 11-acre site; also rehabilitate 200 workmen's homes, bank building and hotel. Address owners, through R. K. Kauffman, Mercantile Trust Building, St. Louis.

WEBSTER GROVES, Mo.—Algonquin Golf Club plans to rebuild clubhouse on Berry and Jackson roads. R. A. Nickerson, secretary-treasurer. \$100,000.

NEBRASKA

HASTINGS, NEB.—Hastings College plans to build college. Cost between \$150,000 and \$200,000. A. Crone, president.

OMAHA, NEB.—The Capital Issues Committee in Washington has approved the issue of \$1,000,000 bonds for the construction of the new High School of Commerce building.

NEW JERSEY

BOUND BROOK, N. J.—A. A. Marlow & Sons will build sulphur dioxide and chemical plant. Work will be done by day labor.

CAMDEN, N. J.—Triumphal arches will be constructed here at the Pennsylvania Terminal and the County Courthouse in honor of returning soldier heroes. The City Council has appropriated \$20,000 and the Board of Freeholders will donate \$5,000 toward the victory jubilee and memorial celebration.

IRVINGTON, N. J.—Board of Education proposes altering School No. 6, Madison Avenue. \$60,000.

JERSEY CITY, N. J.—Jersey City Hospital, 29 Duncan Avenue, is having plans prepared for altering and building additions to hospital on Baldwin Avenue. J. T. Rowland, 100 Sip Avenue, Architect. \$600,000.

LINDEN, N. J.—Board of Education plans building addition to Public School No. 2. A. N. Crone, 37 Sherman Place, Jersey City, offered to do it for \$54,897.

WEST NEW YORK, N. J.—Board of Education proposes building addition to Public School No. 6. \$50,000.

NEW YORK

BROOKLYN, N. Y.—Brooklyn Synagogue, 1093 Sterling Place, plans to build two-story, 80 x 100 ft., brick and steel synagogue, brick foundation. About \$100,000.

BROOKLYN, N. Y.—G. E. Steinback, Architect, 15 East Fortieth Street, New York City, is preparing

plans for two-story, 68 x 100 ft., steel and brick parochial school, concrete foundation, on Du Pont Street, between Franklin Street and Manhattan Avenue, for St. Cyril Methodius Congregation. \$90,000.

BROOKLYN, N. Y.—R. T. Short, Architect, 370 Macon Street, has plans for two-story, 80 x 180 ft., steel and brick theater, concrete foundation, on Flatbush and Rogers Avenues, for Jewel Building Co., 170 Broadway, New York City. W. S. Baker, president. \$250,000.

BROOKLYN, N. Y.—W. Higginson, Architect, 21 Park Row, New York City, has plans for one-story, 50 x 55 ft., steel and brick power house, on Classon Avenue, for J. Kayser, 45 East Seventeenth Street, New York City. \$60,000.

BROOKLYN, N. Y.—Until Feb. 18 bids will be received by W. W. Wotherspoon, Superintendent Public Works, Capitol, Albany, for building Barge Canal Terminal freight shed at Greenpoint. \$99,710.

EAST BUFFALO, N. Y.—New York Central R. R., Grand Central Terminal, New York City, awarded contract for building one-story, 50 x 150 ft., brick and steel ice house, to J. W. Cowper, Fidelity Building, Buffalo. \$55,000.

NEW YORK, N. Y.—B. Diamond, 12 Bergen Street, Brooklyn, N. Y., was awarded contract for constructing female nurses' quarters at the Marine Hospital here at \$19,500.

NEW YORK, N. Y.—Board of Education soon receives bids for building five-story, 60 x 142 ft., brick and steel school addition, at Tremont, Bryant and Vyse Avenues. C. B. J. Snyder, Municipal Building, Architect. \$200,000.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, soon receives bids for building Public School 57, five stories, 118 x 192 ft., brick and steel, concrete foundation, at Crotona Avenue and 181st Street. C. B. J. Snyder, Municipal Building, Architect. \$543,474.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, soon receives bids for Public School 130, five stories, 98 x 157 ft., brick and steel, on Baxter Street. C. B. J. Snyder, Municipal Building, Architect. \$506,592.

NEW YORK, N. Y.—Gronenberg & Leuchtag, Architects, 303 Fifth Avenue, have prepared plans for ten-story hotel, 100 x 100 ft., brick and steel, concrete foundation, on Forty-third Street, near Eighth Avenue, for H. Claman, 243 West Forty-third Street. \$200,000.

NEW YORK, N. Y.—D. M. Ach, Architect, 1 Madison Avenue, will build two-story, 125 x 200 ft., brick and steel factory and garage at 510-14 West Twenty-second Street, for A. Louy, 511-19 West Twenty-first Street. \$95,000.

NEW YORK, N. Y.—Board of Education soon receives bids for building five-story School, 92 x 193 ft., limestone, steel, brick and terra cotta, on Crotona Avenue and 151st Street. C. B. J. Snyder, Municipal Building, Architect. \$450,000.

NEW YORK, N. Y.—F. G. Frost, Architect, 19 West Forty-fourth Street, has prepared plans for six-story, 100 x 200 ft., garage, and nine-story, 75 x 100 ft., storage building, steel and brick, on Thirty-sixth and Thirty-seventh Streets, between Second and Third Avenues, for B. Altman Co., Fifth Avenue and Thirty-fourth Street. \$350,000.

NEW YORK, N. Y.—M. Groh's Sons, 238 West Twenty-eighth Street, let contract to build ten-story, 75 x 100 ft., brick and steel cold storage warehouse, to Patterson Bros., 215 West Twenty-eighth Street. \$250,000.

NEW YORK, N. Y.—Standard Concrete Steel Co., 105 West Fortieth Street, will build three-story, 100 x 175 ft., steel and brick factory on Sixty-first Street and Amsterdam Avenue. \$200,000.

SONYEA, N. Y.—F. L. Lang, president Board of Managers, Craig Colony for Epileptics, proposes building one-story kitchen, reinforced concrete, steel and brick, reinforced concrete flooring, concrete foundation. C. A. Foote, Mt. Morris, will erect it at a cost of \$48,100.

THIELLS, N. Y.—L. F. Pilcher, State Architect, Albany, let general contract for completing two-story, 38 x 39 ft., attendants' home, and one-story, 64 x 83 ft., service building, steel frame, with stone exterior, stone foundation, to P. Keeler Building Co., 425 Orange Street. \$68,850.

NORTH DAKOTA

JAMESTOWN, N. D.—Jamestown College plans to build college. B. H. Kroeze, president. \$500,000.

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OHIO

CINCINNATI, OHIO.—Havlin Hotel Co., Mine Street and Opera Place, plans to remodel 60 x 150 ft. hotel. H. Hake, Telephone Building, Architect.

CLEVELAND, OHIO.—Glass Coating Co., 1209 Rockefeller Building, let contract for building one-story, 165 x 240 ft. factory, brick, steel and reinforced concrete, on St. Clair Avenue and New York, Chicago & St. Louis R. R., to H. Ferguson, 66 Beersford Road. \$80,000.

CLEVELAND, OHIO.—The new Jail Commission has decided to let contract about Feb. 15 for the foundation and basement of the proposed building and to rush work upon the \$1,250,000 structure as soon as weather conditions permit. R. E. Collins, secretary of the commission.

CLEVELAND, OHIO.—Bids will be received about April 15 for the construction of a three-story clubhouse, 80 x 130 ft., brick, steel and reinforced concrete, reinforced concrete flooring and concrete foundation, on Seventy-ninth Street and Euclid Avenue, for the Woodmen of the World. Estimated cost, \$200,000. W. S. Ferguson Co., Architect, 1900 Euclid Building, Cleveland.

CLEVELAND, OHIO.—C. A. Carson Co., 6408 Euclid Avenue, this city, received contract for constructing church for the St. Casimir Congregation, 8223 Sowinski Avenue, two story brick, steel and reinforced concrete construction, on East Eighty-second Street and Pulaski Avenue. \$250,000.

CLEVELAND, OHIO.—W. R. Powell, Architect, 705 Rose Building, receives bids about March 15 for building two and six-story, 78 x 381 ft., brick, steel and reinforced concrete market house at 11826 Detroit Avenue, for Lakewood Market House Co., care of Architect. \$200,000.

CLEVELAND, OHIO.—Western Reserve Construction Co., East Seventy-first Street and Carnegie Avenue, this city, was awarded contract for constructing six story hospital building, 159 x 206 ft. reinforced concrete, brick and steel construction, for the Co-operative Hospital Association, East Seventy-first Street and Carnegie Avenue, at approximately \$1,500,000.

COLUMBUS, OHIO.—Columbus Exposition Building Co. is having plans rechecked by Richards, McCarty & Bulford and F. L. Packard, Architects, Hartman Building, for constructing exposition building on Rich and Wall streets. F. Lazarus, Jr., president. Rechecking of plans made necessary by advanced cost of material and labor. \$500,000.

FREMONT, OHIO.—W. D. Lovell, Minneapolis, Minn., will construct U. S. Post Office here at \$127,800.

KENTON, OHIO.—W. D. Lovell, Minneapolis, Minn., will construct U. S. Public Building at \$82,200.

NORWOOD, OHIO.—Board of Education and H. Hake, Architect, Telephone Building, Cincinnati, will build two-story, 80 x 139 ft., school on Allison Street. \$150,000.

OVERLIN, OHIO.—Board of Education is having plans prepared by F. C. Warner, Architect, 767 Hippodrome Annex, Cleveland, for two-story high school, 75 x 180 ft., brick, reinforced concrete and steel. \$225,000.

TOLEDO, OHIO.—The Modern Glass Co. will commence the construction of a plant early in the spring. The new factory will be on a nine-acre site on the Toledo Terminal Railway near Dorr Street crossing. The plant will consist of brick and steel buildings and will cost \$250,000. Their present offices are located at 618 Nicholas Building.

WESTERVILLE, OHIO.—Otterbein University plans to build three-story science hall on campus of University. A. Clippenger, president.

WEST UNITY, OHIO.—Board of Education is having plans prepared by Howard & Merriam, Architects, 8 East Broad Street, for four-story, 76 x 115 ft., brick school. \$80,000.

OKLAHOMA

HOOVER, OKLA.—Board of Education, School Department No. 23, is having plans prepared by Mann & Jerow, Architects, Hutchinson, Kan., building three-story, 54 x 74 ft., brick and reinforced concrete school. \$50,000.

OKLAHOMA CITY, OKLA.—The Lisle-Dunning Construction Co. has contract for constructing Board of Education and heating plant building for Irving School at \$24,015.

TULSA, OKLA.—U. S. Compression Inner Tube Co. had plans prepared for building 50 x 300 ft. factory. M. C. Hale, president.

OREGON

PORTLAND, ORE.—United Artisans, Beck Building, plans to build two-story, 60 x 100 ft., frame home, and 38 x 58 ft., brick servants' quarters in Columbia Park, cost, \$40,000; also two-story reinforced concrete building for business headquarters, Third and Columbia streets, cost, \$60,000. E. Schacht, Commonwealth Building, Architect.

WILBRIDGE, ORE.—Pacific Coast Steel Co., North West Bank Building, Portland, let contract for constructing open hearth building to cost \$41,000; mill building, \$40,000, and steel mill, \$1,000,000 to Grant Smith & Co., St. John Street, Portland.

PENNSYLVANIA

FARRELL, PA.—The Capital Issues Committee, Washington, D. C., has approved bond issue for \$95,000 for constructing school building.

HAMBURG, PA.—B. F. Royer, Commissioner of Health, let contract for building four one-story buildings and two two-story buildings, concrete, at Hamburg Sanatorium for Tuberculosis, to E. Fay & Sons, 2 South Mole Street, Philadelphia. \$343,800.

HARRISBURG, PA.—Board of Education is having plans prepared by C. H. Lloyd, Architect, Telegraph Building, for two-story, 80 x 145 ft., brick high school. \$100,000.

HARRISBURG, PA.—The contract for construction work at the Hamburg Sanatorium for Tuberculosis, amounting to \$343,800, has been awarded to Edwin Fay & Sons of Philadelphia. The work includes the construction of four one story buildings and two two story buildings at Hamburg.

LOCK HAVEN, PA.—Masonic Lodge purchased site on Main and Grove Streets and plans to build temple. \$100,000.

MCKEES ROCKS, PA.—Inland Construction Co., Detroit, Mich., was awarded contract for constructing U. S. Post Office here at \$75,626.

NEWCATLE, PA.—Y. M. C. A., West Washington Street, plans to construct building to cost \$100,000.

PHILADELPHIA, PA.—Roman Auto Co., 203 North Broad Street, purchased site and plans to build twelve-story building for automobile and airplane salesrooms.

PHILADELPHIA, PA.—W. Wilson, director Department of Public Safety, contemplates building and completing fire and police stations, boiler house and stable at east side of Twenty-fourth Street, between Ritner and Wolf Streets. P. H. Johnson, 728 Presser Building, 1713 Sansome Street, Architect.

PITTSBURGH, PA.—F. E. Koegler, 1320 Carson Street, let contract for building two-story, 60 x 75 ft., garage on Fourteenth and Carson Streets to P. Auel, 93 South Twenty-fourth Street. \$30,000.

POTTSVILLE, PA.—The Nitral Products Co. building near Mount Carmel, used to supply France with war munitions for several years, is to be turned into a gigantic bakery to cost approximately \$250,000. The plant will be an auxiliary of the Harrisburg Baking Co. and a number of additional buildings, to be composed of brick, will be erected.

SPRINGDALE, PA.—Penn Power Co., Benedum Trees Building, Pittsburgh, will build one-story, 200 x 900 ft., steel, reinforced concrete and brick power plant. \$5,000,000.

STATE COLLEGE, PA.—Wills, Ludwick & Co., 1708 Sansom Street, Philadelphia, Pa., were low bidders for constructing U. S. Post Office at \$79,779.

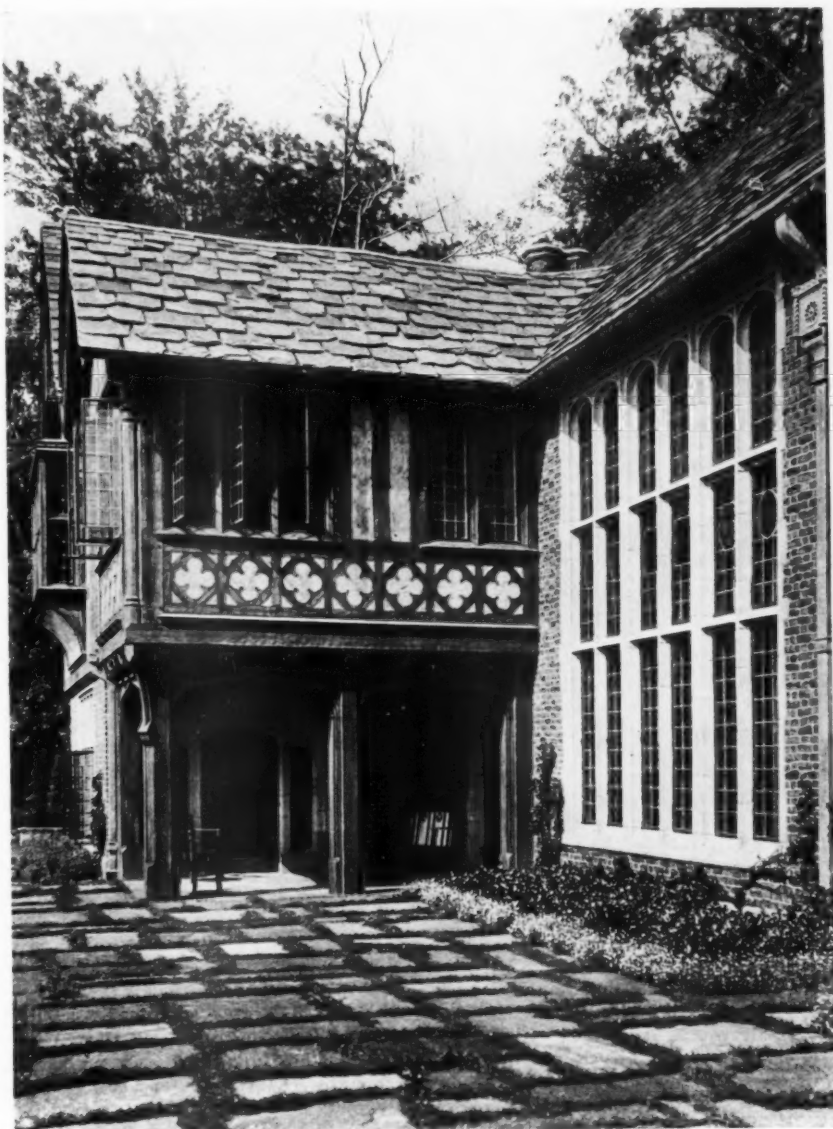
RHODE ISLAND

PROVIDENCE, R. I.—J. Bartley, Seekonk, Mass., is having plans prepared by W. R. Walker & Son, Architects, 7 Custom House Street, to alter and build addition to Scenic Theater on Matthewson Street here.

PROVIDENCE, R. I.—City plans to build addition to library on Fountain and Empire Streets. Clarke & Howe, 1304 Turks Head Building, Architects.

SOUTH CAROLINA

SPARTANBURG, S. C.—A modern cotton mill, to cost between \$150,000 and \$200,000, will be constructed shortly at the Textile Industrial Institute.



This exquisite
"Olde Stonesfield"
roof was
designed and
executed by us
in co-operation
with the architect
to produce
probably the most
perfect example
of Tudor
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NEW YORK CITY

SOUTH DAKOTA

BELLEFORCHE, S. DAK.—Mullin & Rourke, Deadwood, S. Dak., were low bidders for constructing U. S. Post Office here at \$60,500.

SIoux FALLS, S. D.—Board of Education having preliminary estimates made for building high and grade schools. About \$500,000.

TEXAS

DALLAS, TEX.—Plans have been accepted and arrangements are about completed for the construction of an armory for the Tenth Regiment of Infantry of the Texas National Guard. The armory will be 200 x 300 ft. in size and will be the largest of its kind west of the Mississippi River. The building will cost \$200,000. Major Hal and Captain M. O. C. Hull have been working on the plans.

FT. WORTH, TEX.—W. Capps receives bids in March for building three-story addition to office building on Fifth and Throckmorton streets. Cost between \$75,000 and \$100,000.

MCKINNEY, TEX.—A. E. Boquer, Dallas, plans to build refinery here. \$500,000.

ORANGE, TEX.—W. D. Lovell, Minneapolis, Minn., will construct U. S. Post Office here at \$58,650.

WICHITA FALLS, TEX.—Oil men of Wichita Falls have organized a \$250,000 stock company to construct a five or six-story office building for the oil interests in this section. W. Newton Maer, prominent local oil man, is interested.

VIRGINIA

CHARLOTTESVILLE, VA.—National Bank of Charlottesville plans to build bank and office. R. T. Minor, Jr., vice-president.

NORFOLK, VA.—Norfolk & Hampton Roads Dry Dock & Ship Repairing Co., Bank of Commerce Building, let contract for building shipbuilding plant, to consist of several one-story reinforced concrete, steel and brick buildings, reinforced concrete flooring, concrete foundation, to J. Stewart & Co., 30 Church Street, New York City. \$7,000,000.

WASHINGTON

BREMERTON, WASH.—Navy Y. M. C. A. is having plans prepared by F. S. Baker, Architect, Pacific Block, Seattle, for five-story club, 56 x 90 ft., reinforced concrete, front and Washington streets. \$55,000.

SEATTLE, WASH.—The East Waterway Dock & Warehouse Co. has announced that it will make additions to its terminal facilities on Harbor Island at a cost of over \$200,000. George B. Green, Hoge Bldg., general manager.

YARDLEY, WASH.—The Ohio Match Co. of Wadsworth, Ohio, are having plans prepared for the construction of a building 60 x 120 ft. here to be used as a factory. Estimated cost, \$75,000.

struction of a building 60 x 120 ft. here to be used as a factory. Estimated cost, \$75,000.

WISCONSIN

AMERY, WIS.—Apple River Milling Co. plans to rebuild mills destroyed by fire at a loss of \$60,000.

APPLETON, WIS.—Konz & Co. plan to build box factory. \$30,000.

ASHLAND, WIS.—By the action of the Ashland County Board \$80,000 has been appropriated by the three counties of Ashland, Bayfield and Iron for the Tri-County Tuberculosis Sanitarium to be built near Salmo. Ashland and Bayfield counties appropriated \$30,000 each, while Iron County appropriated \$20,000.

MILWAUKEE, WIS.—O. Brachman and others plan to build eight-story hotel on Juneau Avenue and Astor Street. \$800,000.

MILWAUKEE, WIS.—National Oil Products Co., 220 Broadway, New York City, plans to build plant on Keefe and Humboldt Avenues here. \$100,000.

MILWAUKEE, WIS.—Wisconsin National Bank, East Water and Wisconsin streets is having plans prepared by Marshall & Fox, Architects, 721 North Michigan Avenue, Chicago, for three-story bank, steel, on East Water and Wisconsin streets. \$1,500,000.

MILWAUKEE, WIS.—Plans are under way for the construction of an eighteen story hotel building at Juneau Avenue and Astor Street. Approximately \$1,000,000 will be involved. The site consists of 137 ft. on Juneau Avenue, 180 ft. on Astor Street and a width of 50 ft. on Marshall Street, and was purchased by a company which is headed by Oscar Brachman.

SHEBOYGAN, WIS.—Lake Side Craft Shop plans to build two-story, 70 x 100 ft., addition to factory on South Twelfth Street and Kentucky Avenue.

SHEBOYGAN, WIS.—Bids will be received in spring by the Phoenix Chair Co., South Water Street, for the construction of a four story, 65 x 165 ft. brick and timber factory and warehouse on Virginia Avenue and South Twelfth Street. Juul & Smith, 801 North Eighth Street, Architects.

TWO RIVERS, WIS.—Aluminum Goods Mfg. Co., Manitowoc, purchased 60 x 300 ft. lot adjacent to works here and plans to build addition. G. Vits, general manager.

TWO RIVERS, WIS.—City receives bids in spring for building addition to school and boiler house. Van Ryn & De Gelleke, Caswell Block, Milwaukee, Architects. \$65,000.

WYOMING

LUSK, WYO.—Court House is contemplated by Commissioners of Niobrara County. Cost between \$60,000 and \$75,000. G. E. McDonald, Kimball Building, Casper, Architect.





Stained with Cabot's Stucco Stains
Harland A. Perkins, Architect, Boston

A Four-Year Record of Cabot's Stucco Stains

Gentlemen:

Wakefield, Mass., November 11, 1911.
Last spring I used over two hundred gallons of your Waterproof Cement Stains on Miss Boit's new house at Wakefield. This was a job I was very particular to have right, and I am glad to say your material has proved entirely satisfactory in every way.

JAMES F. SHERRITT.

Four Years Later:

In September, 1915, an examination of the Boit residence by an expert decorator showed that the Cabot's Cement Stains had worn so well and grown so soft and beautiful with age that he advised against re-coloring the stucco when the other parts of the house were painted. This is typical of the results obtained. These Stains tint stucco surfaces in soft, rich colorings that grow more charming under the action of the weather.

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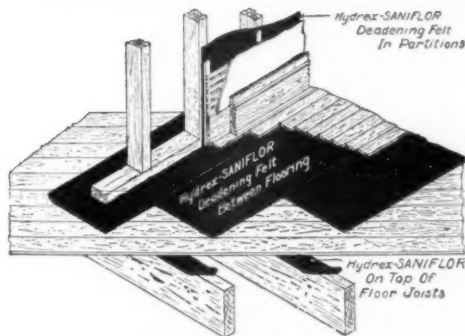
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is manufactured of soft, blanket-like pure felt. It is coated on both surfaces with a flexible, waterproof substance which hermetically seals the felt, preventing the penetration of odors or moisture, and making it absolutely insect and vermin proof. Mice will not gnaw it, for gnawing causes the coating to stick to their teeth. It is just as obnoxious to other vermin. Hydrex-SANIFLOR is

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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

CALVERT, ALA.—National Reduction Corp., Boston, Mass., let contract for building plant here to consist of one and two-story steel and concrete building, to A. D. Little Co., 30 Charles River Road, Boston, Mass. \$200,000.

DECATUR, ALA.—Samuel L. Plato, Marion, Ind., will construct United States public building here at \$55,370.

ARIZONA

HUMBOLDT, ARIZ.—Humboldt Improvement Co. plans to build water-works and electric light plants. \$200,000.

CALIFORNIA

BAKERSFIELD, CAL.—McLeran & Peterson, San Francisco, Cal., will construct United States public building here at \$149,604.

BAKERSFIELD, CAL.—Southern California Edison Co., 301 South Broadway, Los Angeles, is having surveys made by E. F. Prouse, assistant engineer, for large hydroelectric plant in Kern River Valley. W. Dennis, Los Angeles, chief engineer. \$10,000,000.

LONG BEACH, CAL.—Board of Education is having plans prepared by Austin & Austin, Architects, 1125 Baker-Detwiler Building, Los Angeles, for school on American Avenue. \$100,000.

LONG BEACH, CAL.—Y. M. C. A. plans campaign to raise funds to construct building, Sixth and American Avenues. R. H. Gossom, secretary. \$200,000.

LOS ANGELES, CAL.—C. Karseboom, 1445 Dana Street, this city, has general contract for the construction of a new school building at the Soto Street site, 125 x 160 ft. \$52,600.

LOS ANGELES, CAL.—K. R. Bradley, 1825 E. Sixteenth Street, this city, was awarded general contract for constructing a mechanical arts building at the Jefferson High School site at \$23,400.

MARE ISLAND, CAL.—K. E. Parker, San Francisco, Cal., was awarded contract for constructing electrical storehouse at the navy yard here at \$110,363.

MARE ISLAND, CAL.—Charles J. Koenig, 520 Church Street, San Francisco, Cal., was awarded contract for constructing power house, cottage and sewer ejector at Beach Radio Station, Navy Yard, at \$13,753.

SAN DIEGO, CAL.—Lange & Bergstrom, Timken Building, this city, will construct ten buildings at the permanent naval air station at North Island, including barracks, officers' quarters, storehouse, dispensary and garage at \$431,480.

SAN FRANCISCO, CAL.—J. U. Doenig, this city, was awarded contract for constructing two double cottages, four-room cottage and sewer system at the navy yard at \$15,992.

SAN JOSE, CAL.—Salsini Packing Co. plans to build two-story, 60 x 600 ft., reinforced concrete addition to fruit packing plant on Lincoln and Salvator streets. \$100,000.

COLORADO

DENVER, COL.—City soon receives bids for building one-story, 73 x 265 ft., reinforced concrete garage and warehouse, Larimer and Thirteenth Streets, for Department of Parks and Improvements. Cost, between \$700,000 and \$800,000. J. B. Hunter, City Engineer.

GREELEY, COL.—National Food Products Co. plans to build 200 x 200 ft. dehydrating plant here.

CONNECTICUT

BRIDGEPORT, CONN.—Board of Health and Charities asked city to appropriate \$50,000 to build brick and reinforced concrete garage on Washington Avenue.

BRIDGEPORT, CONN.—Board of Education plans to build additions to schools on Grand and McKinley Streets. E. H. Haven, president. \$575,000.

BRIDGEPORT, CONN.—Bridgeport Hospital, Grant Street, plans to build pathological laboratory on Mill Hill Avenue costing \$50,000.

BRISTOL, CONN.—New Departure Mfg. Co., 269 North Main Street, is having plans prepared for one-story,

90 x 302 ft., brick hardening shop, reinforced concrete flooring and concrete foundation, on North Main Street. \$60,000.

HARTFORD, CONN.—Libby, McNeil & Libby, 252 Asylum Street, plan to build three-story, 50 x 112 ft. reinforced concrete cold storage plant on Edwards Street. P. Larmon, care of Swift & Co., Union Stockyards, Chicago, engineer. \$60,000.

NEW BRITAIN, CONN.—State plans to build two-story school, 64 x 110 ft., brick, timber, concrete and steel, on Camp Street. C. D. Hine, Hartford, State Superintendent. Davis & Brooks, Lewis and Gold Streets, Hartford, Architects. \$100,000.

WALLINGFORD, CONN.—The R. Wallace & Sons Mfg. Co. has engaged Walter P. Crabtree, National Bank Building, New Britain, Conn., as Architect for a new administration building to cost \$150,000.

WATERBURY, CONN.—S. Z. Poli, 24 Church Street, New Haven, plans to build one-story brick and steel theater here costing \$500,000. T. W. Lamb, 644 Eighth Avenue, New York City, Architect.

WATERVILLE (WATERBURY P. O.), CONN.—St. Paul Episcopal congregation, 201 Boyden Street, receives bids in spring for building brick, timber, steel and concrete church on Manville Street and Thomaston Avenue, costing \$85,000. H. C. Senior, chairman. W. E. Griggs Estate, 51 West Main Street, engineer.

WILLIMANTIC, CONN.—State plans to build three-story dormitory, 46 x 114 ft. and 30 x 46 ft., brick, timber, steel and concrete, on Valley Street. C. D. Hine, Hartford State Superintendent. Davis & Brooks, Lewis and Gold Streets, Hartford, Architects. \$150,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—M. Heister & Co., Architects, Union Savings Bank Building, have plans for five-story office and loft building, 68 x 100 ft., steel and brick, on Ninth Street and Mt. Vernon Place, for International Association of American Machinists, Ninth Street and Massachusetts Avenue.

FLORIDA

MIAMI, FLA.—J. J. Hamilton, Architect for Armour & Co., 208 South La Salle Street, Chicago, soon lets contract for building reinforced concrete refrigerating plant and storage building on Sixth Street and Avenue B here. \$100,000.

GEORGIA

MILLEDGEVILLE, GA.—Trustees Georgia State Sanatorium plan to build three-story brick home for nurses. \$100,000.

ILLINOIS

ALTON, ILL.—Catholic Orphanage plans to build addition to home. J. J. Ryan, Alton, bishop. \$80,000.

CHICAGO, ILL.—P. E. Erlinder & Co., 3213 Wentworth Avenue, proposes erecting one-story, 75 x 160 ft., brick and reinforced auto service building on Forty-third Street and Wabash Avenue. R. R. Cenek, 105 South La Salle Street, Architect. \$25,000.

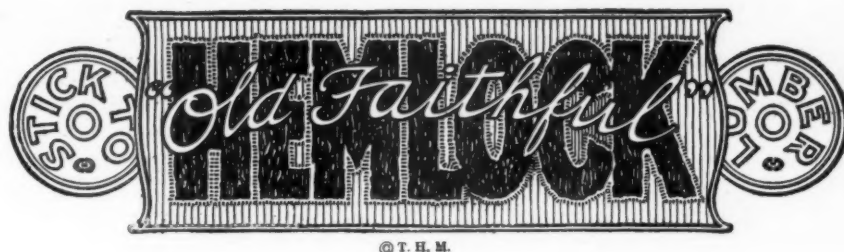
CHICAGO, ILL.—Lindstrom & Hedberg, 127 North Dearborn Street, plan to build one-story, 100 x 200 ft., brick and timber garage on East Seventy-first Street and Jeffrey Avenue. \$30,000.

WOODRIVER, ILL.—Standard Oil Co. of Indiana, 910 South Michigan Avenue, Chicago, plans to build twenty-five workmen's homes and addition to refinery here. C. B. Manbeck, Woodriver, general manager.

INDIANA

SHELBYVILLE, IND.—Dunlap & Co., Columbus, Ind., will construct United States public building here at \$57,198.

SULLIVAN, IND.—Mutual Truck Co. plans to purchase 30-acre site near here and build 100 x 300 ft. brick and steel factory. R. E. Petrie, president.



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IOWA

CHEROKEE, IOWA.—Beuttler & Arnold, Architects, 610 Security Building, Sioux City, has prepared plans for two-story, 32 x 80 ft., reinforced concrete and brick storage building, reinforced concrete flooring, concrete and brick foundation, for Sache & Bunn Co., 322 Third Street. \$30,000.

COUNCIL BLUFFS, IOWA.—Christian Home is having plans prepared by J. C. Jensen, Architect, 305 West Broadway, for building two-story brick and stone chapel. \$50,000.

DES MOINES, IOWA.—Advance-Rumely Thresher Co., Vine and West Ninth Streets, awarded contract to build three-story, 100 x 132 ft., factory and warehouse to A. H. Neumann & Co., Seventh and Walnut Streets. \$125,000.

MANLEY, IOWA.—Chicago, Rock Island & Pacific Ry., La Salle Street, Chicago, had plans prepared for one-story, 32 x 64 ft., icing station and storage plant here. C. A. Morse, chief engineer. \$25,000.

WATERLOO, IOWA.—Board of Education soon lets contract for building three-story, 55 x 125 ft., school. J. E. Dempster, secretary. \$80,000.

WAVERLY, IOWA.—Wartberg Seminary is having plans prepared by G. L. Lockhart, Architect, 391 Endicott Building, St. Paul, for two-story reinforced concrete and brick dormitory.

KANSAS

ASSARIA, KAN.—Board of Education approved preliminary plans for two-story high school, 58 x 100 ft., brick and reinforced concrete, with 16 x 60 ft. extension in rear. W. E. Hulse & Co., Hutchinson Building, Architects. \$50,000.

ELDORADO, KAN.—Northern Construction Co., 421 Milwaukee Street, Milwaukee, Wis., will construct United States public building here at \$62,779.

LOUISIANA

LAKE CHARLES, LA.—City voted \$200,000 bonds to build and repair schools damaged by storm.

MARYLAND

BALTIMORE, MD.—S. Lasch, City Councilman, introduced ordinance to appropriate \$200,000 bonds for public school on Orleans, Baltimore, Asquith and Eden Streets.

BALTIMORE, MD.—Trustees Johns Hopkins University, Homewood, plan to build either chemical laboratory or library building on ground here. About \$200,000 has been bequeathed by E. O. Mergenthaler for this purpose. Address F. J. Goodnow, Gilman Hall, president of college.

HIGHLANDTOWN (BALTIMORE P. O.), MD.—Pompeian Co., Coca Cola Building, Baltimore, let contract for building one and three-story, 160 x 260 ft., concrete and brick factory, storage and office building, concrete foundation, Eleventh Street, to C. B. Pierce, Philadelphia Road and Eleventh Street, Baltimore. \$50,000.

INDIANHEAD, MD.—Levering & Garrigues Co., 552 W. Twenty-third Street, New York City, will construct two additional buildings and extension to two existing building at the naval proving grounds here at \$74,895.

MASSACHUSETTS

NEW BEDFORD, MASS.—Board of Education soon receives bids for building two-story, 117 x 155 ft., brick, steel and reinforced concrete school on Emery Street. F. C. Brown, Chapman Building, Architect. \$185,000.

SOUTH BOSTON, MASS.—S. A. Woods Machine Co., 27 Damrell Street, Boston, plans to rebuild plant on Dorchester Avenue recently destroyed by fire at a loss of \$50,000.

WALTHAM (BOSTON P. O.), MASS.—Commissioners of Middlesex County (Cambridge) receive bids in spring for two-story, 400 x 400 ft., brick, reinforced concrete and steel hospital. O. W. Cutter, 683 Atlantic Avenue, Boston, Architect. \$200,000.

WINCHESTER, MASS.—James E. Nelson Co., 7 Water Street, Boston, Mass., will construct United States public building here at \$69,942.

WORCESTER, MASS.—E. T. Chapin, Architect, 340 Main Street, will erect one-story, 160 x 210 ft., brick, steel and reinforced concrete garage, on Mechanic Street, for A. H. Wheeler Co., Inc. Federal Engineering Co., 518 Main Street, contractors. \$60,000.

MICHIGAN

BAY CITY, MICH.—City plans to build addition to electric light and power plant. C. L. DeBates, superintendent. \$125,000.

DETROIT, MICH.—Morgan & Wright Tire Co., Bellevue Street, plans to build seven-story, 140 x 215 ft., brick and reinforced concrete warehouse, reinforced concrete flooring and concrete foundation. Lockwood Greene & Co., 38 South Dearborn Street, Chicago, engineers. \$750,000.

DETROIT, MICH.—F. Stearns & Co., Jefferson Avenue, let contract for building eight-story, 100 x 110 ft., steel and reinforced concrete drug plant, on Jefferson Avenue and Bellevue Street, to Bryant & Detwiler Co., 2336-9 Dime Bank Building. \$130,000.

IRONWOOD, MICH.—Gogebic Co. is having plans prepared by C. J. Anderson, Architect, Ironwood, for sanitarium to cost \$75,000.

MENOMINEE, MICH.—Lloyd Mfg. Co. is having plans prepared by D. Hubert, Architect, for one-story, 100 x 800 ft., brick and concrete factory warehouse. M. B. Lloyd, president.

MINNESOTA

AURORA, MINN.—Board of Education receives bids in spring for building high school here. C. L. Pillsbury Co., 805 Metropolitan Life Building, Minneapolis, engineers.

CLOQUET, MINN.—Board of Education proposes to build three-story high school, 65 x 190 ft., reinforced concrete, brick and steel, on Main Street. Croft & Boerner, Lonsdale Building, Duluth, Architects. \$140,000.

DULUTH, MINN.—Protestant Church trustees, Morgan Park, are having plans prepared by German & Jenssen, Architects, Exchange Building, for two-story reinforced concrete, brick and steel church, reinforced concrete flooring, concrete and rock foundation, on Commonwealth Avenue. \$100,000.

DULUTH, MINN.—St. Luke's Hospital plans to build four-story addition on First Street and Tenth Avenue, E., reinforced concrete and brick, reinforced concrete flooring, concrete and rock foundation. \$100,000.

MOUNTAIN IRON, MINN.—H. E. Mitchell, secretary Board of Education, will build three-story, 134 x 156 ft. school, reinforced concrete and brick, in Leonides Township. W. T. Bray, Fidelity Building, Duluth, Architect. \$175,000.

MOUNTAIN IRON, MINN.—H. E. Mitchell, secretary Board of Education, will build three-story, 145 x 173 ft. school, reinforced concrete, brick and steel, on Main Street. W. T. Bray, Fidelity Building, Duluth, Architect. \$200,000.

ST. PAUL, MINN.—Minor Hotel Co. receives bids in March to build fifteen-story, 100 x 100 ft., reinforced concrete and brick hotel, Fourth and Robert Streets. M. Fitzpatrick, 17 West Ninth Street, Architect. \$500,000.

THROMMALD, MINN.—City plans to build school. \$75,000.

VICTORIA, MINN.—Board of Education had plans prepared by Magney & Rusler, Architects, 450 Builders Exchange, Minneapolis, for building two-story school here.

WAUBUN, MINN.—School to cost \$60,000 is proposed, two stories, 65 x 130 ft., reinforced concrete and brick. K. T. Snyder, 933 Plymouth Building, Minneapolis, Architect.

WINNEBARO, MINN.—Board of Education will build two-story, 74 x 112 ft., reinforced concrete and brick school. K. T. Snyder, 933 Plymouth Building, Minneapolis, Architect. \$50,000.

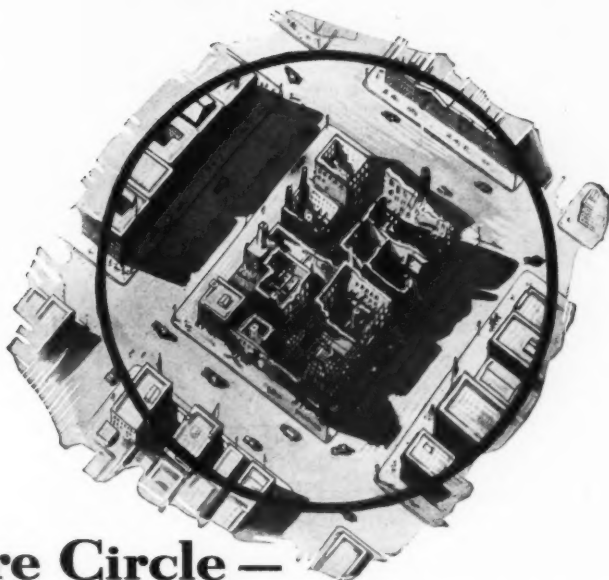
MISSOURI

ARMSTRONG, MO.—Liberty Farmers Club plans to build grain elevator. Address J. E. Walkup, care of owner. \$50,000.

HARRISONVILLE, MO.—W. D. Lovell, Minneapolis, Minn., will construct United States public building here at \$62,800.

JEFFERSON CITY, MO.—State Legislature asked to appropriate \$200,000 to build dormitory here. Address C. E. Edwards, Jefferson City, representative.

KANSAS CITY, MO.—H. D. Lee Mercantile Co., Twen-



The Scare Circle — the greatest roofing salesman in the world!

FIRE breaks out in a community. An efficient fire department, hard work or luck confines it to a limited area.

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that make boiler walls leak-proof

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that cut down fire risks

PACKINGS
that save power waste

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that make brakes safe

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New York City

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tieth and Wyandotte Streets, is having plans prepared for addition to nine-story building. \$500,000.

MARSHALL, Mo.—Trustees of J. Fitzgibbon Estate purchased site and plan to build memorial hospital costing \$50,000. J. R. Hall, chairman.

ST. LOUIS, Mo.—City plans to issue \$2,000,000 bonds to build courthouse on Broadway and Chestnut Street. L. R. Bowen, City Engineer.

ST. LOUIS, Mo.—Board of Public Service will erect two-story, 36 x 76 ft. and 28 x 65 ft., brick and timber fire houses Nos. 3 and 32. L. R. Bowen, City Engineer. \$56,000.

ST. LOUIS, Mo.—M. Loew, 1493 Broadway, New York City, is having plans prepared by T. W. Lamb, Architect, 644 Eighth Avenue, New York City, for theater and business lofts on Eighth and Washington Streets here. \$500,000.

ST. LOUIS, Mo.—J. M. Hirshstein, Architect, 5777 De Giverville Avenue, receives bids in March for building ten-story, 125 x 158 ft., factory on northeast corner Jefferson and Locust Streets, for S. Haas Hat Co., Twenty-third and Locust Streets. \$250,000.

MONTANA

GREAT FALLS, MONT.—State voted \$250,000 bonds to build grain elevator here.

NEW HAMPSHIRE

LACONIA, N. H.—Board of Education is having plans prepared by A. H. Dow, 101 Tremont Street, Boston, for two-story, 80 x 178 ft., brick and concrete high school. \$15,000.

NEW JERSEY

NEWARK, N. J.—F. Grad, Architect, 245 Springfield Avenue, receives bids about March 1 for building three-story, 40 x 100 ft., concrete and brick warehouse and store, at 157 Ferry Street, for Lion Furniture Co. \$25,000.

NEWARK, N. J.—Board of Education receives bids about April 1 for building four-story school, 200 x 200 ft., reinforced concrete and brick, Sussex Avenue and First Street, consisting of laboratories and power plant, etc. J. H. & W. C. Ely, Firemans Building, Architects. \$500,000.

NEWARK, N. J.—City will sell \$200,000 bonds to build fire and police stations. M. R. Sherard, city engineer.

NEW YORK

ALBANY, N. Y.—Trustees of Public Buildings applied to State Legislature for appropriation of \$2,500,000 to construct State office buildings.

ALBION, N. Y.—Board of Directors, State Home of Refuge for Women, applied to State Legislature, Albany, for appropriation of \$30,000 to build cold storage and ice making plant.

BATH, N. Y.—Board of Directors, New York State Soldiers' and Sailors' Home, applied to State Legislature, Albany, for appropriation of \$100,550 to rebuild barracks H and I.

BINGHAMTON, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$150,000 to construct building for acute patients and \$350,000 for building for chronic patients.

BROOKLYN, N. Y.—H. J. Nurick, Architect, 957 Broadway, has plans for two-story, 120 x 160 ft., brick and steel warehouse, garage and workhouse, on Varick and Meserole Streets and Montrose Avenue, for J. H. Werbelovskys Sons, 83 Meserole Street. \$50,000.

BROOKLYN, N. Y.—Williamsburg Hospital, 342 Bedford Avenue, is having plans prepared by Helmle & Corbett, Architects, 190 Montague Street, for seven-story, 1.6 x 150 ft., hospital, steel and brick on South Ninth Street and Driggs Avenue. About \$350,000.

BROOKLYN, N. Y.—Seabring Warehouse Co., 32 Court Street, will build one-story, 133 x 151 ft., steel and brick garage, brick foundation, on Hamilton Avenue and Fourteenth Street. \$40,000.

BROOKLYN, N. Y.—Lurwall Realty Co., 49 Graham Avenue, had plans prepared by Shampman & Shampman, Architects, 772 Broadway, for one-story, 90 x 200 ft., steel and brick garage, reinforced concrete flooring, brick foundation, North First Street, near Bedford Avenue. \$55,000.

BROOKLYN, N. Y.—Pennsylvania Textile Co., Madison Avenue and Twenty-fifth Street, New York City, had plans prepared for one-story, 60 x 60 ft., steel and brick textile mill in Greenpoint. R. G. Cory, 39 Cortlandt Street, New York City, Architect. \$35,000.

BROOKLYN, N. Y.—Cohn Bros., Architects, 361 Stone Avenue, having plans for building one-story theater, 80 x 190 ft., steel and brick, Cleveland Street and Pitkin Avenue, for Cleveland Amusement Co., 645 Georgia Street.

BROOKLYN, N. Y.—Mollers & Schuman, Marcy Avenue, are having plans prepared by H. Holder, Architect, 242 Franklin Avenue, for two-story steel and brick addition to factory on Gerry and Wallabout streets. \$80,000.

BUFFALO, N. Y.—Mayer Clarkson Co., 453 Ellicott Square, plans to build one-story, 100 x 250 ft., reinforced concrete and steel factory on Delaware Avenue and Erie R. R.

CENTRAL ISLIP, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$700,000 to build group, \$125,000 for kitchen and dining-room building and \$200,000 for buildings for acute patients, at Central Islip State Hospital.

COHOES, N. Y.—Charles P. Boland, Troy, N. Y., will construct United States public building here at \$97,400.

CONEY ISLAND (BROOKLYN P. O.), N. Y.—M. E. Finigan, 44 Court Street, Brooklyn, is having plans prepared by P. J. Gallagher, Architect, 75 Oriental Building, for one-story, 50 x 200 ft., steel and brick garage, Coney Island and Greenwood Avenues. \$35,000.

CORNELL, N. Y.—Trustees Cornell University applied to State Legislature, Albany, for appropriation of \$150,000 to build school, laboratory, etc., here.

CREEDMORE, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$200,000 to build nurses' home at Brooklyn State Hospital here.

GENEVA, N. Y.—C. C. Davison had plans prepared for flour mill with 500 barrel daily capacity.

OWANDA, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$175,000 to build reception hospital at Gowanda State Hospital.

HUDSON, N. Y.—Board of Directors, New York Training School for Girls, applied to State Legislature, Albany, for appropriation of \$48,000 to build two-story, 38 x 82 ft., storehouse and refrigerating plant here.

HUNTINGTON PARK (HUNTINGTON P. O.), N. Y.—A. Heckscher, 56 East Forty-second Street, New York City, is having revised plans prepared by Maynicke & Franke, Architects, 25 East Twenty-sixth Street, New York City, for one-story museum, 44 x 113 ft., limestone and marble. \$100,000.

KINGS PARK, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$75,000 to construct building for tuberculosis patients, \$50,000 for physicians' building, \$50,000 for assembly hall, \$75,000 for administration building and \$200,000 for reception hospital at Kings Park State Hospital.

MALONE, N. Y.—Kirk-Maher Co., West Main Street, plans to build three-story, 41 x 56 ft., steel and concrete factory. \$40,000.

MIDDLETOWN, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$100,000 to construct building for convalescent patients and \$100,000 for employees' home, at Middletown State Hospital.

NEWARK, N. Y.—Board of Directors, New York State Custodial Asylum for Women, applied to State Legislature, Albany, for appropriation of \$70,000 for laundry and equipment and \$50,000 for storehouse, cold storage and equipment.

NEW YORK, N. Y.—Baker, Carver & Morrell, 39 Water Street, purchased site and plans to build nine-story office and loft, 28 x 83 ft., at 37 Water Street.

NEW YORK, N. Y.—A. L. Kehoe & Co., Architects, 1 Beekman Street, propose building a three-story, 100 x 111 ft., reinforced concrete and brick laundry, Ninety-ninth Street, between First and Second Avenues, for Rapid Laundry Co. \$60,000.

NEW YORK, N. Y.—R. McNeil, Architect, 139 East Forty-second Street, will build five-story, 50 x 300 ft., steel and brick factory, on Fifty-second Street and



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Twelfth Avenue, for Kohler & Campbell, Inc., Eleventh Avenue and Fiftieth Street. \$40,000.

NEW YORK, N. Y.—S. Stein, 120 East Thirteenth Street, will build four-story, 35 x 100 ft., steel and brick garage. \$30,000.

NEW YORK, N. Y.—L. Abramson, Architect, 220 Fifth Avenue, has designed four four-story, steel and brick hospital buildings, Fulton Avenue and East 169th Street, for Bronx Hospital. \$50,000.

NEW YORK, N. Y.—B. S. Coler, commissioner of department of public charities, Municipal Building, contemplates school and chapel on Randalls Island.

NEW YORK, N. Y.—T. Demmerle, 1510 Bryant Avenue, had plans prepared by W. A. Geison, Architect, 104 West Forty-second Street, for two-story, 78 x 94 ft., brick and steel garage, concrete foundation, on 181st Street and Davidson Avenue. \$30,000.

NEW YORK, N. Y.—A. C. Merkle, Inc., 233 Broadway, is having plans prepared by A. B. Lucius, Architect, 38 Park Row, for altering and building four-story addition to brick and steel factory, West and Horatio Streets. \$145,000.

NEW YORK, N. Y.—C. Muller, Rockaway Park, had plans prepared by J. T. Powers, Architect, 220 Larken Street, Rockaway Park, for four-story, 100 x 200 ft., reinforced concrete, steel and brick garage on Dykman Street, near Sherman Avenue, here. \$100,000.

OWEGO, N. Y.—A. E. Badgley, Binghamton, N. Y., will construct United States public building here at \$47,787.

POUGHKEEPSIE, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$50,000 for two cottages at Hudson River State Hospital here.

ROCHESTER, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation to construct buildings at Rochester State Hospital, one for housing 250 patients, to cost \$250,000; 200 patients, \$160,000; 100 patients, \$120,000; also for twelve cottages, \$70,000.

ROME, N. Y.—Board of Directors, New York State Custodial Asylum, applied to State Legislature, Albany, for appropriation of \$50,000 for industrial building, \$50,000 for employees' building, \$275,000 for school group consisting of dormitories, kitchen, dining room, etc., and \$50,000 for nursery building.

SYRACUSE, N. Y.—Board of Directors, State Fair, Syracuse, applied to State Legislature, Albany, for appropriation of \$250,000 to construct horticultural building.

THIELLS, N. Y.—Board of Directors, Letchworth Village, applied to State Legislature, Albany, for appropriation of \$40,000 for school, \$60,000 for assembly hall and industrial building, \$360,000 for eight cottages, \$70,000 for attendants' home, \$90,000 for service building and \$140,000 for girls' group, consisting of assembly hall and industrial building. F. Vanderlip, 7 Wall Street, New York City, president.

UTICA, N. Y.—State Hospital Commission, Albany, applied to State Legislature for appropriation of \$50,000 to construct industrial building at Utica State Hospital.

WEST ALBANY, N. Y.—New York Central R. R., Union Depot, Albany, let contract for building one-story, 80 x 376 ft., steel and brick roundhouse, concrete foundation, here, to M. Kantowitz, 20½ Market Street, Albany. \$70,000.

WEST CARTHAGE, N. Y.—Local Dairymen's League is having plans prepared for two-story milk condensary. S. Balcom, chairman. \$25,000.

NORTH CAROLINA

DURHAM, N. C.—City plans election to vote on \$90,000 bonds to build ice plant. H. W. Kueffner, city engineer.

NORTH DAKOTA

MARMARTH, N. D.—Chicago, Milwaukee & St. Paul R. R. plans to build shops and roundhouse here. C. F. Loweth, Chicago, chief engineer.

OHIO

BELLAIRE, OHIO.—F. F. Faris, Architect, Schmulback Building, Wheeling, W. Va., receives bids in February for building four-story 82 x 120 ft. brick Temple for United Mine Workers of Sub-District No. 5 of Ohio. \$100,000.

CINCINNATI, OHIO.—Goodyear Tire & Rubber Co., Akron, purchased site on Gilbert Avenue and Elsinore Place and plans to build six-story factory and warehouse.

CINCINNATI, OHIO.—Teasdale Co., 625 Walnut Street, purchased 32,000 sq. ft. site on Reading Road and McMillan Street and plans to build two-story dry cleaning plant.

CINCINNATI, OHIO.—Board of Education, 511 West Court Street, will build Hoffman School, three-story brick, Bloody Run Boulevard. Hannaford & Son, Hulbert Block, Architects. \$250,000.

CINCINNATI, OHIO.—Board of Education, 511 West Court Street, is having plans prepared by Tieting & Lee, Architects, Fourth National Bank Building, for Harriet Beecher Stowe School, three-story brick home for nurses. \$100,000.

CINCINNATI, OHIO.—Board of Education, 511 West Court Street, plans to build Sherman School on Eighth and Ninth Streets, brick, costing \$250,000. Garber & Woodward, Union Century Building, Architects.

CLEVELAND, OHIO.—Globe Machine & Stamping Co., 1250 West Seventy-sixth Street, let contract for building two-story, 60 x 135 ft., brick and concrete factory addition to Craig-Curtis Co., 1013 Guardian Building. \$40,000.

CLEVELAND, OHIO.—McKinney Steel Co., 4001 Dille Avenue, let contract for building one-story, 152 x 164 ft., steel furnace addition, on St. Clair Avenue and New York, Chicago & St. Louis R. R., to American Bridge Co., 327 Guardian Building. \$75,000.

CLEVELAND, OHIO.—Clover Meadow Creamery Co., Crawford Road and Hough Avenue, is having plans prepared by W. G. Caldwell, Architect, 1206 Williamson Building, for two-story brick, steel and reinforced concrete creamery plant, reinforced concrete flooring, at 1827 East Fifty-fifth Street. \$60,000.

CLEVELAND, OHIO.—Electric Steel & Forge Co., East Sixty-first Street, plans to build one-story, 60 x 160 ft., brick, steel and reinforced concrete machine shop and warehouse on Grant Avenue. A. M. Allen Co., 1900 Euclid Avenue, Architects. \$200,000.

CLEVELAND, OHIO.—Sparks-Withington Co., 622 Swetland Building, plans to build brick, steel and reinforced concrete factory on East 152d Street, near St. Clair Avenue. \$100,000.

DAYTON, OHIO.—Schenck & Williams, Mutual Home Building, soon let contract for building brick, stone and reinforced concrete church on Salem Avenue for Grace Methodist Episcopal congregation, Fourth and Ludlow Streets. \$200,000.

LONDON, OHIO.—Ohio Prison Building Commission, Columbus, plans to submit estimate to A. Cox, governor, for new prison near here. State legislature will be asked to appropriate \$350,000, which together with unexpended balance will make total of \$700,000.

PHILLIPSBURG, OHIO.—R. Davenport, clerk, Board of Education, will build two-story, reinforced concrete and brick school. \$50,000.

TOLEDO, OHIO.—Modern Glass Co. plans to build six brick and steel buildings on nine acre site on Toledo Terminal Railway near Dorr Street crossing. \$250,000.

WASHINGTON COURT HOUSE, OHIO.—Sunlight Creameries Co. plans to build five-story cold storage plant and sales pavilion on 12-acre site.

OKLAHOMA

SHAWNEE, OKLA.—C. E. Goodhand, Chadron, Neb., will construct United States public building here at \$112,750.

PENNSYLVANIA

CARBONDALE, PA.—T. J. Mulholland is having plans prepared for brick ice cream plant. \$60,000.

FRANKLIN, PA.—J. W. Brent, Philadelphia, Pa., will construct United States post office here, one story, at \$94,972.

HONESDALE, PA.—Smith & Clark Co., Tannery and Water streets, are having plans prepared for two-story milk condensary. \$75,000.

MCKEES ROCKS, PA.—Hinland Construction Co., Detroit, Mich., will construct United States post office here, one story, at \$75,626.

SUNBURY, PA.—A. E. Badgley, Binghamton, N. Y., will construct United States public building here at \$85,367.



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WILKES-BARRE, PA.—Comerford-De Graff Theatrical Co., Scranton, plans to build theater on Public Square here. F. W. Herman, manager. \$150,000.

RHODE ISLAND

NEWPORT, R. I.—Joseph Meltzer, 31 Beach Street, Boston, Mass., will construct double quarters for officers at the United States Training Station, Coasters Harbor Island, Newport, at \$21,498.

PROVIDENCE, R. I.—Page & Page, Architects, 87 Weybosset Street, soon receive bids for altering and building 30 x 33 ft., brick, reinforced concrete and steel addition to Barnaby Building on Union Street. \$50,000.

PROVIDENCE, R. I.—Page & Page, Architects, 87 Weybosset Street, soon receive bids for building three-story school, 42 x 60 ft., brick, timber and steel, on Orms Street, for Sons of Zion Society, 89 Orms Street.

SOUTH CAROLINA

CHARLESTON, S. C.—Eitwan Fertilizer Co. plans to rebuild two-story acid chambers on Cooper River recently destroyed by fire. F. Burludge, president. \$125,000.

TEXAS

DALLAS, TEX.—First Methodist congregation plans to build church on Ross and Harwood Streets. A. V. Lane, chairman. \$500,000.

GALVESTON, TEX.—Horton & Horton, Houston, Tex., was awarded contract for constructing shops and industrial building at the navy yard here at \$148,900.

HOUSTON, TEX.—Industrial Transportation Co., Carter Building, is having plans prepared by F. J. Woerner, Architect, Sumpter Building, Dallas, for building plant here. \$1,000,000.

UTAH

OGDEN, UTAH.—The city contemplates a new city and county building to cost \$500,000. Architect not yet selected.

SALT LAKE CITY, UTAH.—City plans to build bathhouse at Warm Springs. S. Q. Cannon, City Engineer. \$150,000.

SALT LAKE CITY, UTAH.—City plans to build soldiers' and sailors' memorial building on University Campus. S. Q. Cannon, City Engineer. \$300,000.

SALT LAKE CITY, UTAH.—City plans to build zoo at Liberty Park. \$65,000. Also \$35,000 will be expended for improvements to existing building. S. Q. Cannon, City Engineer.

SALT LAKE CITY, UTAH.—Mrs. F. D. Clift, owner of the old Clift House, northwest corner of Main and Third Streets, has let contract to a San Francisco firm for the construction of an eight-story fireproof office building, to be constructed on the site of the old hotel, for \$500,000.

VIRGINIA

HAMPTON ROADS, VA.—Hugh S. Roberts Co., 1123 Broadway, New York City, will construct an oil storage and reclaiming building and a photographic laboratory at the naval air station here at \$21,900.

MONEY POINT (GILMERTON P. O.), VA.—Hubbard Fertilizer Co., 802 Keyser Building, Baltimore, Md., let contract for building one and two-story, 150 x 192 ft., concrete and timber fertilizer plant here to W. J. Gregory, 501 Law Building. \$50,000.

NORFOLK, VA.—Hugh S. Roberts & Co., 1123 Broadway, New York City, were awarded contract for constructing cold storage and reclaiming building at the navy yard here at \$21,900.

WASHINGTON

SEATTLE, WASH.—East Waterway Dock & Warehouse Co., 2901 Kitsap Street, plans to build warehouse and 350 ft. extension to present wharf at terminal on Harbor Island. \$200,000.

SPOKANE, WASH.—Centennial Mill Co., North 817 Howard Street, is having preliminary sketches prepared for flour mill and grain elevator. \$800,000.

SPOKANE, WASH.—Try-Blu Biscuit Co., Revision and Railroad Streets, is having plans prepared by L. L. Rand, Architect, Realty Building, for two-story, 70 x 70 ft., brick addition to factory.

TACOMA, WASH.—The Construction Co., this city, was awarded contract for constructing the \$1,000,000 Hotel Alexander, on the site of the present Tacoma Hotel, by the Alexander Realty Co.

WALLA WALLA, WASH.—Knights of Pythias plan to build two-story Temple, 60 x 130 ft., on East Poplar Street. \$50,000.

WISCONSIN

APPLETON, WIS.—Graef Wire Mfg. Co., Neenah, soon lets contract for four two-story brick buildings here. E. Wettengel, 901 Washington Street, Architect. \$350,000.

APPLETON, WIS.—Simons Cheese Co., Pacific and Morrison Streets, let contract for building 80 x 160 ft. brick and mill construction warehouse to C. R. Meyers & Sons Co., Oshkosh.

EAU CLAIRE, WIS.—Norwegian Lutheran congregation plans to build one-story church. R. R. Syidal, pastor. \$60,000.

JANESVILLE, WIS.—Board of Education plans to build school. \$250,000.

LA CROSSE, WIS.—Tri-State Ice Cream Co. receives bids in March to build two-story, 60 x 60 ft., factory. Bentley & Merman, 210 Linker Building, Architects. \$30,000.

MADISON, WIS.—Board of Education soon lets contract for building two-story school, 61 x 110 ft., F. L. Kronenberg, 18 North Carroll Street, Architect. \$80,000.

MILWAUKEE, WIS.—Prest-O-Lite Co., 30 East Forty-second Street, New York City, is receiving bids for one-story, 60 x 100 ft., brick filling station, 619 Trowbridge Avenue, here. \$55,000.

MILWAUKEE, WIS.—Globe Seamless Steel Tube Co., Burnham Street, is having plans prepared by Worden-Allen Engineering Co., 208 South La Salle Street, Chicago, for one-story, 242 x 300 ft., brick and steel factory.

MILWAUKEE, WIS.—Janke Shce Mfg. Co. plans to build three-story, 34 x 120 ft., addition to factory at 62 Thirty-second Street. E. C. Janke, president.

ONALASKA, WIS.—Onalaska Pickle & Canning Co. is having plans prepared by W. E. Bennett, Architect, Batavian Bank Building, La Crosse, for three-story, 24 x 44 ft., concrete and steel factory here. E. Johnson, manager.

SHEBOYGAN, WIS.—Citizens Telephone Exchange, 706 North Eighth Street, will build four-story reinforced concrete and brick exchange. W. C. Weeks, 720 Ontario Street, Architect. \$70,000.

WEST BEND, WIS.—City plans to build memorial hall here. A. C. Clas, Colby-Abbot Building, Milwaukee, Architect. \$80,000.

WYOMING

BUFFALO, WYO.—W. D. Lovell, Minneapolis, Minn., will construct United States post office here at \$62,878.

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Old Virginia
White; roofs
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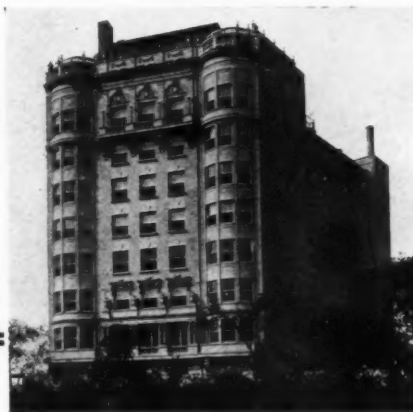


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ARIZONA

AJO, ARIZ.—The Edwards & Wildey Co., 515 Black Building, Los Angeles, Cal., has the general contract for the construction of a grade school building here at \$129,000.

ARKANSAS

RUSSELLVILLE, ARK.—W. D. Lovell, Minneapolis, Minn., will construct United States public building here at \$54,700.

CALIFORNIA

BAKERSFIELD, CAL.—F. W. Tegeler and associates plan to build six-story brick or concrete hotel. \$500,000.

BAKERSFIELD, CAL.—B. P. O. E., No. 266, purchased site and is having plans prepared for lodge, probably brick. Cost, between \$100,000 and \$150,000.

BAKERSFIELD, CAL.—Henry Eisslery was awarded contract for constructing one-story brick garage at Nineteenth and M Streets for the Western Auto Stage Co. at \$15,000.

FRESNO, CAL.—Walter M. Brown, Madera, was awarded contract for constructing school building at La Vine, 30 x 75 ft., at \$12,675.

GLENDAL, CAL.—Holy Family congregation is considering preliminary plans for group of buildings, consisting of church, school, parish house, guild hall, etc., larger buildings of brick, others of frame construction, reinforced concrete flooring, concrete foundation, Louise Street and Lomita Avenue. \$100,000. H. M. Doll, South Louise Street, member Building Committee.

INGLEWOOD, CAL.—Darrell Condley Co., 520 Marsh-Strong Building, Los Angeles, was awarded contract for constructing one-story double quarters and one four-room quarters at the United States Radio Station here at \$18,320.

LOS ANGELES, CAL.—G. Hanson & Son, 1414 South Vermont Avenue, this city, was awarded contract for constructing building at Tenth Street and Maple Avenue for the Fleischman Co. at \$19,387.

LOS ANGELES, CAL.—Plans are being prepared for the construction of new factory buildings on Santa Fe Avenue, near Thirty-seventh Street, for the Keystone Iron Works. Albert C. Martin, 30 Higgins Building, Architect. \$125,000.

LOS ANGELES, CAL.—Plans are being prepared for the construction of an addition to be built to and alterations to be made to a brick building at 2660 Lacey Street, for W. H. Jahns. Albert C. Martin, 30 Higgins Building, Architect.

MARE ISLAND, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct a fuel oil station at the navy yards here. \$400,000.

SACRAMENTO, CAL.—Appropriations aggregating \$125,000 were asked by Herbert W. Slater for the Sonoma State Home for the Feeble Minded at Eldridge. Thirty-five thousand dollars is to be used for the construction of a dormitory for employes of the institution.

SAN DIEGO, CAL.—Lange & Bergstrom, 819 Timkin Building, San Diego, Cal., awarded contract for constructing additional building at the air station here at \$430,881.

SAN DIEGO, CAL.—Brawner & Hunter were awarded contract for constructing blacksmith shop, oil room, store room and boiler room at Sixteenth and Main streets, for the San Diego & Arizona Railway Company at \$19,527.

SANTA BARBARA, CAL.—Board of Supervisors, Santa Barbara County, plans to issue \$500,000 bonds to build courthouse.

TAFT, CAL.—W. L. Adkisson and associates plan to build four-story hotel, 75 x 125 ft., brick or concrete, on Center Street. \$60,000.

WHITTIER, CAL.—Plans are being prepared for the construction of a one-story and basement office and warehouse building for the Southern Counties Gas Company. Albert R. Walker, 1403 Hibernian Building, Los Angeles, Cal., Architect.

CONNECTICUT

BRIDGEPORT, CONN.—North End Bank & Trust Co. plans to build brick and marble bank on Main Street and Wheeler Avenue. Address J. T. L. Hubbard, 1115 Main Street.

HARTFORD, CONN.—Aetna Life Insurance Co., 650 Main Street, purchased site on Jowell, Hicks and Trumbull streets and plans to build large office building, probably thirty stories high.

HARTFORD, CONN.—Board of Education appropriated \$250,000 to build addition to Northeast School on Westland Street.

HARTFORD, CONN.—D. B. Hillyer, 108 Gillett Street, plans to build auditorium on Trinity Street, to be known as Bushnell Memorial. \$500,000.

HARTFORD, CONN.—Johnson & Webster Co., 327 Trumbull Street, will build two six-story, 40 x 126 ft., brick apartment hotels, reinforced concrete flooring and concrete foundation, on Washington and Park Streets. \$160,000.

MIDDLETOWN, CONN.—State plans to construct two tuberculosis hospitals and buildings for acutely insane at South Farms here. About \$125,000 and \$175,000 respectively.

NAUGATUCK, CONN.—State Legislature, Hartford, was petitioned to appropriate \$60,000 for new State armory here.

NEW HAVEN, CONN.—State Legislature, Hartford, was petitioned to appropriate \$500,000 to build new State armory here.

NEW LONDON, CONN.—Board of Education plans to issue \$500,000 bonds to build new schools.

NORFOLK, CONN.—Commissioners of Fairfield County (Bridgeport) plans to build two-story brick home on Westfield Avenue here. \$50,000.

UNIONVILLE, CONN.—St. Mary's congregation proposes building two-story brick, concrete and steel school. W. H. Redding, pastor. Brown & Van Buren, 185 Church Street, New Haven, Architects. \$60,000.

WALLINGFORD, CONN.—State Legislature, Hartford, appropriated \$225,000 to build new State armory here.

WALLINGFORD, CONN.—R. Wallace & Sons Mfg. Co., Quinpiac Street, plans to build office. W. P. Crabtree, 272 Main Street, New Britain, Architect. \$50,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Washington, Baltimore & Annapolis Electric Ry., 108 North Liberty Street, Baltimore, Md., plans to build station on New York Avenue, Twelfth, H and Eleventh Streets here. J. J. Doyle, Baltimore, Md., general manager.

GEORGIA

MACON, GA.—Citizens will vote March 5 on a bond issue of \$1,500,000 for the following improvements: The construction of a new courthouse, costing \$400,000; schools, \$400,000, and permanent highways, \$700,000.

IDAHO

LEWISTON, IDAHO.—State Legislature, Boise, appropriated \$150,000 to reconstruct administration building at State School here.

ILLINOIS

CHICAGO, ILL.—W. W. Ahlschlager, Architect, 133 West Washington Street, receives bids about April 1

Barrett Specification Roofs



Barrett Specification Roofs on Boston Elevated Railway Company's Buildings.

Above: Surface Subway Station, Boston Elevated Ry. Co., Andrews Square, South Boston.
At left: Sub-power Station, Boston Elevated Ry., Somerville, Mass.
At right: Transfer Station, Boston Elevated Ry., Egleston Square, Boston.

The Barrett Specification provides real roof insurance—

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for building twelve-story hotel and baths, 80 x 170 ft., brick and reinforced concrete, at 410-416 Wabash Avenue, for Kercher Hotel Co., 505 South Wabash Avenue. \$1,200,000.

CHICAGO, ILL.—Marshall & Fox, 721 North Michigan Avenue, soon receives bids for building three-story office and stores, 47 x 70 ft., at 700 North Michigan Avenue. \$75,000.

CHICAGO, ILL.—Holabird & Roche, Architects, 104 South Michigan Avenue, have plans for constructing John Crerar Library, Michigan Avenue and Randolph Street, to be thirteen-story, 81 x 127 ft., library and office building; also five-story, 81 x 81 ft., library and office building (ultimately thirteen stories). Estimated cost, \$1,000,000 and \$500,000 respectively. Address John Crerar Library Board, Marshall Field Building.

JOLIET, ILL.—Board of School Inspectors, District No. 86, will construct and complete school building at McDonough and South Joliet Streets, to be known as the Eliza Kelly School. R. C. Hoen, Charles L. Wallace or C. W. Webster, Associate Architects, Joliet, Ill.

STREATOR, ILL.—D. C. Murray, 309 East Main Street, soon receives bids for building five-story store and office, 50 x 142 ft., brick and reinforced concrete. G. C. Nimmons & Co., 120 South Michigan Avenue, Chicago, Architects. \$175,000.

INDIANA

ROCKPORT, IND.—Spencer County Commissioners will construct two-story courthouse, 105 x 112 ft., reinforced concrete. E. E. Dunlap, 910 State Life Building, Indianapolis, Ind., Architect. \$175,000.

IOWA

DUBUQUE, IOWA.—Perkins, Fellows & Hamilton, Architects, 814 Tower Court, Chicago, are preparing preliminary plans for two-story 50 x 100 ft., brick and timber dormitory. About \$65,000.

FORT DODGE, IOWA.—City election is contemplated to vote on \$650,000 bonds for high school building.

WATERLOO, IOWA.—J. E. Dempster, secretary school district, proposes constructing school building, three stories, 125 x 55 ft., reinforced concrete construction. J. G. Ralston, Waterloo, Iowa, Architect. \$80,000.

KANSAS

DODGE CITY, KAN.—City will hold election April 1 to vote on \$90,000 bonds to build auditorium.

EMPORIA, KAN.—State plans to build normal school here, brick, steel and concrete. R. L. Gamble, Topeka, State Architect. \$85,000.

LANSING, KAN.—State plans to build women's detention home here, brick, steel and concrete. R. L. Gamble, Topeka, State Architect. \$100,000.

LARNED, KAN.—State plans to build brick, steel and concrete hospital here. R. L. Gamble, Topeka, State Architect. \$125,000.

LAWRENCE, KAN.—State plans to build brick, stone and steel university here. R. L. Gamble, Topeka, State Architect. \$200,000.

LEAVENWORTH, KAN.—Board of Education will construct community building, two stories, 96 x 130 ft., brick. T. W. Williamson & Co., 418 Central Bank Building, Topeka, Kan., Architect. \$90,000.

MANHATTAN, KAN.—State plans to build agricultural college here, brick, concrete and steel. R. L. Gamble, Topeka, State Architect. \$165,000.

NORTON, KAN.—State plans to construct frame buildings, concrete foundation, also one brick building, for State hospital here. R. L. Gamble, Topeka, State Architect. \$150,000.

OWEGO, KAN.—A. E. Badgley, Binghamton, N. Y., will construct limestone U. S. Post Office here, at \$49,787.

QUINDARO (KANSAS CITY P. O.), KAN.—State plans to build Western University here, brick, steel and concrete. R. L. Gamble, Topeka, State Architect. \$85,000.

ROSEDALE, KAN.—State plans to build medical school here, brick, concrete and steel. R. L. Gamble, Topeka, State Architect. \$125,000.

TOPEKA, KAN.—State plans to build industrial and educational institution here, brick, concrete and steel. R. L. Gamble, State Architect. \$90,000.

TOPEKA, KAN.—State plans to build boys' industrial school here, brick, concrete and steel. R. L. Gamble, State Architect. \$90,000.

WICHITA, KAN.—Sisters of Blessed Virgin plan to build addition to Mt. Carmel Academy at 4000 West Douglas Street. \$150,000.

LOUISIANA

BATON ROUGE, LA.—Y. M. C. A. proposes constructing two-story brick building. Shattuck & Hussey, 19 South La Salle Street, Chicago, Ill., Architects. \$75,000.

SHREVEPORT, LA.—Highland Avenue Baptist congregation plans to build church, steel and reinforced concrete, brick facing, on Olive and Stephens Streets. Cost, between \$75,000 and \$100,000. C. P. Roney, 1333 Jennings Avenue, pastor.

MARYLAND

ABERDEEN, MD.—Smith & May, Architects, 1133 Calvert Building, Baltimore, are designing one-story bank, 50 x 75 ft., concrete, steel and brick, for First National Bank here. \$50,000.

BALTIMORE, MD.—Seaboard Bank, Park Avenue and Fayette Street, will alter five-story concrete and steel bank. R. L. Harris, 2027 Kennedy Avenue, Architect. \$60,000.

BALTIMORE, MD.—Terminal United Rys. & Electric Co., Continental Building, purchased site on Eastern Avenue and Fifteenth Street, East Baltimore, and plans to build steel and concrete passenger terminal and carhouse. Cost, between \$150,000 and \$200,000. J. R. Pratt, general manager.

DUNDALK (BALTIMORE P. O.), MD.—E. L. Palmer, Jr., Architect, 513 North Charles Street, Baltimore, will build two-story, 200 x 400 ft., reinforced concrete and brick structure for Liberty Housing Co., 330 North Charles Street, Baltimore. \$60,000.

SPARROWS POINT, MD.—Bethlehem Steel Corp., Bethlehem, Pa., plans expenditure of \$20,000,000 during 1919 to complete commercial steel plant. J. N. Stringley in charge of construction.

MASSACHUSETTS

BOSTON, MASS.—Beth Israel Hospital, Townsend Street, plans to build. \$150,000.

BOSTON, MASS.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct steel stock and storage shed here. Estimated cost, \$80,000.

BOSTON, MASS.—City had plans prepared by Frank Chouteau Brown, Architect, 9 Park Street, for memorial liberty temple to consist of civic auditorium, museum and colonnade of nations. \$4,000,000.

EVERETT, MASS.—W. T. Littlefield, Architect, 9 Hamilton Place, Boston, will build two-story, 65 x 125 ft., brick and concrete factory, Boulevard and Winter Streets, for Standard Envelope Sealer Mfg. Co., care of Architect. \$50,000.

NEW BEDFORD, MASS.—City will build brick, concrete and steel hospital group on Mt. Pleasant, Myrtle, Van Buren and Jefferson streets. Plans include ward and operating buildings, laundry and power house. H. T. Borden, 154 Fair Street, chairman of commission. J. S. McIntyre, 22 Clifford Building, Architect. \$100,000.

NORTH READING, MASS.—Trustees of Hospitals for Consumptives filed petition in state legislature, Boston, for authority to expend \$82,618 to build new hospital at North Reading Sanatorium, and \$48,156 for nurses' dormitory and chapel.

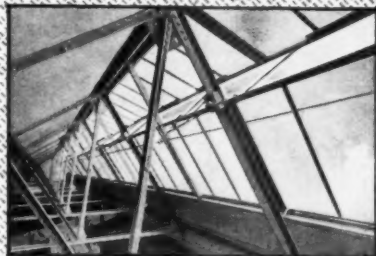
PITTSFIELD, MASS.—W. T. Littlefield, Architect, 9 Hamilton Place, Boston, will build two-story, 190 x 220 ft., brick and concrete factory for McGilvray-Cummings Co., care of Architect. \$200,000.

PLYMOUTH, MASS.—City voted \$250,000 bonds to build memorial to commemorate landing of Pilgrims and services of sons in other wars.

RUTLAND, MASS.—Central New England Sanatorium will build three-story, 40 x 90 ft., administration building and two three-story, 35 x 100 ft., ward buildings, hollow tile and stucco construction. E. F. Stercus, 9 Park Street, Boston, Architect. B. T. Crane, superintendent. \$250,000.

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WORCESTER, MASS.—A. S. Hanson, 873 Main Street, had plans prepared by E. T. Chapin, Architect, 340 Main Street, for two-story, 64 x 111 ft., brick garage at 741 Main Street. \$30,000.

MICHIGAN

DETROIT, MICH.—Board of Education, 50 Broadway, will build two-story, 102 x 223 ft., brick, steel and reinforced concrete school on Emerson Avenue south of Jefferson Avenue. Malcolmson & Higginbotham, 404 Moffat Building, Architects. \$275,000.

DETROIT, MICH.—Fellowcraft Athletic Club, 1602 Woodward Avenue, is having plans prepared for clubhouse near City Hall, to include 200 bedrooms, assembly room, dining rooms, swimming pool and gymnasium. F. E. Holmes, president.

DETROIT, MICH.—Contracts will probably be let May 1 for constructing a brick church and rectory for St. Hyacinth's Roman Catholic Church. Total estimated cost, \$225,000. E. Brielmaier & Sons, 432 Broadway, Milwaukee, Wis., Architects.

DETROIT, MICH.—J. G. Kastler Co., Architects, 523 Chamber of Commerce, will build three-story, 53 x 156 ft., brick and reinforced concrete bakery, reinforced concrete flooring and concrete foundation, on Thirty-first and Herbert Streets, for Polonia Baking Co., 420 Thirtieth Street. \$100,000.

GRAND RAPIDS, MICH.—Fountain Street Baptist Church purchased site on Fulton Street and Lafayette Avenue and plans to build new church. Cost, between \$400,000 and \$500,000.

GRAND RAPIDS, MICH.—Bids will be received about May 1 by the Board of Education for constructing two grade school buildings, three stories, 75 x 172 ft., fireproof construction. H. H. Turner, 234 Division Avenue, N., Grand Rapids, Mich., Architect and Engineer.

NEWAYGO, MICH.—Newaygo County Building Commission will build two-story court, 64 x 93 ft., brick, reinforced concrete and steel. J. G. Petersen, Traverse City, Architect. \$50,000.

PILGRIM (HOUGHTON P. O.), MICH.—Good Will Farm Association plans to rebuild home recently destroyed by fire. \$50,000.

PORTLAND, MICH.—C. L. Crane, secretary Board of Education, will construct high school building. Thomas Ernest White, Lansing, Mich., Architect.

MINNESOTA

CHICAGO CITY, MINN.—Consolidated School District Board of Education will build two-story, 60 x 100 ft., reinforced concrete and brick school. G. L. Lockhart, 391 Endicott Building, St. Paul, Architect.

CLOQUET, MINN.—Board of Education will construct three-story high school building, 65 x 190 ft., reinforced concrete, brick and steel, on Main Street. Estimated cost, \$140,000. Croft & Boerner, Lonsdale Building, Duluth, Minn., Architects.

DULUTH, MINN.—Second Presbyterian congregation plans to build two-story church, 75 x 120 ft., reinforced concrete, brick and steel, on Second Street. \$75,000.

IRON MOUNTAIN, MINN.—H. E. Mitchell, secretary Board of Education, plans constructing three-story school building, 134 x 156 ft., reinforced concrete and brick construction, in Leonides Township. Estimated cost, \$175,000. W. T. Bray, Fidelity Building, Duluth, Minn., Architect.

IRON MOUNTAIN, MINN.—H. E. Mitchell, secretary Board of Education, proposes constructing three-story school building, 145 x 173 ft., reinforced concrete, brick and steel construction, on Main Street. Estimated cost, \$200,000. W. T. Bray, Fidelity Building, Duluth, Minn., Architect.

MAGNOLIA, MINN.—F. B. Pettengill, clerk Consolidated District No. 5, Rock County, Magnolia, Minn., will construct school building. George Pass & Son, Architects, Mankato, Minn.

MINNEAPOLIS, MINN.—City voted \$2,500,000 bonds to build market. W. F. Cappelin, City Engineer.

MINNEAPOLIS, MINN.—Library Board plans election to vote on \$1,000,000 bonds to build library. W. F. Cappelin, City Engineer.

MINNEAPOLIS, MINN.—Board of Education plans election to vote on \$4,750,000 bonds to build schools. W. F. Cappelin, City Engineer.

MINNEAPOLIS, MINN.—Civic and Commercial Association will apply to State Legislature for authority to build auditorium and municipal building. W. F. Cappelin, City Engineer. \$3,500,000.

MISSOURI

COLUMBIA, MO.—Boone County plans election to vote on \$100,000 bonds to build county hospital here.

FLORISSANT, MO.—Sisters of Loretto plan to rebuild Loretto Academy here, recently destroyed by fire. Address Mother General, Loretto, Ky. \$50,000.

MONTANA

LEWISTOWN, MONT.—City plans to build auditorium. A. C. Birkland, City Engineer. \$100,000.

NEBRASKA

BEATRICE, NEB.—State Legislature, Lincoln, petitioned to appropriate \$75,000 to build and equip dining room, bakery, refrigerating and vegetable rooms, also \$15,000 for addition to hospital.

LINCOLN, NEB.—State Legislature petitioned to appropriate \$75,000 to construct and equip kitchen, dining room and dormitory for Hospital for Insane here.

NORFOLK, NEB.—State Legislature, Lincoln, petitioned to appropriate \$75,000 to build and equip kitchen, dining room and dormitory, \$35,000 for addition to power house and smoke stack, and \$80,000 for chapel and assembly hall.

NEW JERSEY

IRVINGTON, N. J.—Board of Education will alter school No. 6, Madison Avenue. Estimated cost, \$60,000.

NEWARK, N. J.—Board of Education had tentative plans prepared by J. H. & W. C. Ely, Architects, Firemen's Building, for four-story memorial, 300 x 600 ft., on Broad Street and Clinton Avenue. \$1,000,000.

NEWARK, N. J.—N. Myers, Architect, 7 Nelson Place, has remodeling of existing building and will construct one-story, 25 x 95 ft., reinforced concrete and steel restaurant and dance hall at 187 Market Street, for Hong Kong Investment Co., care of Feist & Feist, 238 Broad Street. \$60,000.

SOUTH ORANGE, N. J.—South Orange Service Memorial Corp. plans campaign to raise \$150,000 to build two-story memorial, brick and limestone, South Orange Avenue and Valley Street. E. Stout, 66 Ralston Avenue, Architect.

VERONA, N. J.—Board of Freeholders of Essex County (Newark) will erect reinforced concrete, steel and brick tuberculosis hospital on Fairview Avenue. J. Green, Essex Building, Newark, Architect.

NEW YORK

ALBANY, N. Y.—Board of Education, Colonie Township, will build two-story, 60 x 65 ft., concrete and brick school, Stop 28, Schenectady Road. E. H. Newmann, Stop 24, Schenectady Road, Architect. \$50,000.

BROOKLYN, N. Y.—Cohn Bros., Architects, 361 Stone Avenue, will construct theater building, one story, 80 x 190 ft., steel and brick, on Cleveland Street and Pitkin Avenue, for the Cleveland Amusement Co., 645 Georgia Avenue.

BROOKLYN, N. Y.—R. T. Short, Architect, 370 Macon Street, has plans for constructing two-story theater, 80 x 180 ft., steel and brick, on Flatbush and Rogers Avenues, for Jewel Building Co., 170 Broadway, New York City. \$250,000.

BROOKLYN, N. Y.—H. J. Nurick, Architect, 957 Broadway, has drawn plans for constructing two-story, 120 x 160 ft., brick and steel warehouse, garage and workhouse, reinforced concrete flooring, on Varick Street, from Meserole Street and Montrose Avenue, for J. H. Wierbelovskys Sons, 83 Meserole Street. Estimated cost, \$50,000.

BROOKLYN, N. Y.—St. Bartholomew's Protestant Episcopal congregation, 1227 Pacific Street, is having preliminary sketches prepared by M. Montrose & Sons, Architects, 533 Bedford Avenue, for steel, brick and stone parish house, Pacific Street and Bedford Avenue.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, will build P. S. 100, four

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stories, 100 x 144 ft., West First Street, Coney Island, costing \$299,500; P. S. 80, four stories, 100 x 144 ft., West Nineteenth Street, Coney Island, \$310,230; P. S. 29, five stories, 118 x 192 ft., Henry and Harrison Streets, \$543,474; P. S. 182, five stories, 118 x 192 ft., Dumont Avenue and Wyona Street; all brick and concrete construction.

CARTHAGE, N. Y.—National Paper Products Co., 1789 Montgomery Street, San Francisco, Cal., plans to build two-story concrete and steel addition to mill here. \$150,000.

FOREST HILLS, N. Y.—Board of Education, 500 Park Avenue, New York City, is having plans prepared by C. B. J. Snyder, Architect, Municipal Building, for two-story, 105 x 108 ft., steel and brick school here. \$200,000.

MALONE, N. Y.—J. A. Coffey, secretary state board of armory commissioners, 158 State Street, Albany, proposes building addition to state armory.

MIDDLETOWN, N. Y.—City is receiving competitive plans for brick, steel and concrete memorial building. \$200,000.

NEW YORK, N. Y.—Gronenberg & Leuchtag, Architects, 303 Fifth Avenue, have plans for constructing ten-story hotel, 100 x 100 ft., brick and steel, on Forty-third Street, for H. Claman, 243 West Forty-third Street. \$200,000.

NEW YORK, N. Y.—L. Abramson, Architect, 220 Fifth Avenue, will construct four-story steel and brick hospital building at Fulton Avenue and East 169th Street for the Bronx Hospital. Estimated cost, \$50,000.

NEW YORK, N. Y.—A. L. Kehoe & Co., Architects, 1 Beekman Street, will construct three-story, 100 x 111 ft., reinforced concrete and brick laundry, reinforced concrete flooring, concrete foundation, Ninety-ninth Street, for the Rapid Laundry Co. Estimated cost, \$60,000.

NEW YORK, N. Y.—B. F. Keith, 1564 Broadway, had plans prepared by W. H. McElpatrick, Architect, 701 Seventh Avenue, for three-story, 200 x 228 ft., steel and brick theater, Fordham Road and Valentine Avenue, Bronx. \$300,000.

NEW YORK, N. Y.—J. J. Astor, London, England, has had tentative plans prepared by C. E. Birge, Architect, 29 West Thirty-fourth Street, for thirty-one-story office, 66 x 98 ft., at 8-12 Wall Street. \$1,500,000.

NEW YORK, N. Y.—W. H. Hussy & Son, 150 West Thirty-fifth Street, is having plans prepared by G. Keister, Architect, 56 West Forty-fifth Street, for four-story, 42 x 98 ft., steel and brick warehouse, reinforced concrete flooring, concrete foundation, 233-235 West Thirty-fifth Street. \$75,000.

NEW YORK, N. Y.—State Legislature, Albany, was petitioned to appropriate \$600,000 to build armory in Queens Borough.

WALDEN, N. Y.—Supervising Architect, Treasury Department, Washington, D. C., has authorized constructing United States post office here.

WATERTOWN, N. Y.—Knowlton Bros., 139 Mill Street, had plans prepared by C. Eaton, Sherman Building, for brick and concrete addition to plant. \$50,000.

WOODHAVEN, N. Y.—American Tool & Dye Co., Lexington Avenue, Brooklyn, is having plans prepared by W. T. McCarthy, Architect, 16 Court Street, Brooklyn, for two-story, 50 x 95 ft., steel or reinforced concrete and brick factory on Atlantic and Freedom Avenues here. \$25,000.

OHIO

CINCINNATI, OHIO.—Board of Education, 511 W. Court Street, will construct Hoffman School Building, three stories, brick construction, on Bloody Run Boulevard. Hannaford & Son, Hulbert Building, Architects. \$250,000.

CLEVELAND, OHIO.—Century Realty Co., 209 Williamson Building, plans to build four-story, 60 x 104 ft., brick, steel and reinforced concrete manufacturing plant on East Seventeenth Street and Payne Avenue. \$50,000.

CLEVELAND, OHIO.—H. M. Morse & Co., Architects, 413 Citizens Building, will build two-story, 80 x 160 ft., brick, steel and reinforced concrete factory, reinforced concrete flooring, on West 110th Street and New York Central R. R., for Reflex Ignition Co., 1708 Payne Street. \$65,000.

IRONTON, OHIO.—F. L. Packard, Architect, Hayden Building, Columbus, will build store and moving picture theater for H. A. Marting, here. \$100,000.

NEW LEXINGTON, OHIO.—The Building Commissioners will construct a new children's home for Perry County. Mills & Millsbaugh Co., Architects and Engineers, 67 E. Long Street, Columbus, Ohio.

NORWOOD, OHIO.—Board of Education, Norwood City School District, will construct the Alliscn Street school building. Harry Hake, Architect, Telephone Building, Cincinnati, Ohio.

PHILLIPSBURG, OHIO.—R. Davenport, clerk Board of Education, will construct two-story reinforced concrete and brick school building. \$50,000.

SANDUSKY, OHIO.—H. L. Stevens & Co., Architects, 910 South Michigan Avenue, receive bids in spring for building six-story, 75 x 130 ft., brick, concrete and steel hotel. D. Olmstead, care of Architect. \$200,000.

TOLEDO, OHIO.—Toledo Ry. & Light Co., Smith and Baker Building, plans to issue \$3,200,000 bonds for acquisition, construction, extension and equipping of additional property; also for improvements and extensions to existing light and power plants. F. R. Coates, president and general manager.

OREGON

PORTLAND, ORE.—Commissioners of Multnomah County plan to build county hospital on grounds of Oregon Medical College. \$200,000.

PENNSYLVANIA

GREEN RIDGE (SCRANTON P. O.), PA.—Susquehanna Collieries Co., Commercial Trust Building, Philadelphia, had plans prepared for building central power plant here. \$2,000,000.

HOLLIDAYSBURG, PA.—Pennsylvania R. R., Broad Street Station, Philadelphia, plans to build extension to engine house here. A. C. Shand, chief engineer. \$50,000.

HONESDALE, PA.—Honesdale Consolidated Heat, Light & Power Co., 110 Seventh Street, plans to build electric power plant. \$50,000.

MT. CARMEL, PA.—St. Joseph's congregation plans to build church. M. Mayer, pastor. \$60,000.

PALMERTON, PA.—Board of Education is having plans prepared by C. H. Lloyd, Architect, Telegraph Building, Harrisburg, for building grade school. \$100,000.

PHILADELPHIA, PA.—L. W. Hirsch Co., 923 Market Street, soon lets contract for remodeling five-story, 46 x 200 ft., building adjoining present store into addition for its own use. F. E. Hahn, 112 Chestnut Street, Architect. \$250,000.

PHILADELPHIA, PA.—Kensington Trust Co., Kensington and Allegheny Avenues, plans to build one-story bank, 54 x 78 ft. and 15 x 54 ft. Heacock & Hakanon, Bailey Building, Architects. \$50,000.

PHILADELPHIA, PA.—W. T. Clark and S. Craighead, 1635 North Broad Street, are having plans prepared for one-story, 103 x 194 ft., garage at 1736-1748 North Broad Street.

PHILADELPHIA, PA.—Frank G. Stewart will construct one- and two-story, brick and stone police and fire stations at Twenty-fourth and Ritner streets, for the city, at \$289,000.

PITTSBURGH, PA.—East End Christian Church had plans prepared by B. Janssen, Architect, Century Building, for church on Shady Avenue and Howe Street. \$150,000.

SCRANTON, PA.—Maloney Oil & Mfg. Co., 141 Meridian Street, is having plans prepared by J. J. Howley, Architect, Traders Bank Building, for three-story, 90 x 100 ft., brick and concrete service station on Washington Avenue and Mulberry Street.

RHODE ISLAND

ELMWOOD (PROVIDENCE P. O.), R. I.—Providence Body Co., 32 Eagle Street, Providence, proposes building one-story, 80 x 200 ft., brick and mill construction factory with two wings on Elmwood Avenue here. \$55,000.

PAWTUCKET, R. I.—B. P. O. E., 14 School Street, plans to build club house. \$50,000.

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PAWTUCKET, R. I.—Knights of Columbus propose building clubhouse and home. M. J. Gallagher, chairman. \$80,000.

PAWTUCKET, R. I.—Notre Dame congregation will build brick church and parish house. \$200,000.

PAWTUCKET, R. I.—St. Edwards congregation plans to build church. \$100,000.

PROVIDENCE, R. I.—Board of Education will build three-story, 170 x 300 ft., brick high school on Pond, Winter and Spring streets and Montcalm Court. \$400,000.

PROVIDENCE, R. I.—Brown University, College Street, is preparing to build dormitory on Cushing Street for Pembroke College. \$130,000.

PROVIDENCE, R. I.—City plans to build large memorial auditorium.

TENNESSEE

CENTERVILLE, TENN.—Standard Ground Rock Phosphate & Fertilizer Co. will build mill construction fertilizer plant. A. H. Grigsby, president. \$40,000.

CHATTANOOGA, TENN.—City plans to build auditorium and school. J. M. Payne, secretary finance department. \$600,000.

MEMPHIS, TENN.—Shelby Co. and city plan to build auditorium here. T. C. Ashcroft, mayor. \$1,000,000.

MEMPHIS, TENN.—Methodist Hospital, Bank Commerce & Trade Building, will build on Mallory Avenue. Address T. B. King, secretary. \$500,000.

MEMPHIS, TENN.—Memphis Packing Corp., Central State National Bank Building, plans to build and equip

modern packing house. T. Newson, president. \$1,000,000.

VIRGINIA

SALEM, VA.—Algernon Blair, Montgomery, Ala., will construct United States public building here at \$52,000.

WASHINGTON

SEATTLE, WASH.—First Christian congregation is having plans prepared by R. O. Orr, Architect, 1301 Van Nuys Building, Los Angeles, Cal., for building church on Harvard Avenue and Spring Street. \$100,000.

WISCONSIN

KENOSHA, WIS.—Paccini Amusement Co. plans to build theater on Main and South streets. \$200,000.

KENOSHA, WIS.—Paccini Amusement Co. plans to build two-story theater on Elizabeth and Grove streets. \$100,000.

MILWAUKEE, WIS.—Board of Education will build three-story, 95 x 200 ft., reinforced concrete, brick and steel school on Grand Avenue. Van Ryn & De Gelleke, 114 Grand Avenue, Architects. \$240,000.

WYOMING

LUSK, WYO.—Niobrara County Commissioners will construct courthouse to cost between \$60,000 and \$75,000. C. E. McDonald, Kimball Building, Casper, Wyo., Architect.





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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ARIZONA

MORENCI, ARIZ.—School Trustees plan election to vot on \$150,000 bonds to build two grade schools and addition to Manual Training School. Address J. O. Hodgson.

ARKANSAS

ASHDOWN, ARK.—United Oil Mills, Hope, plans to build mill construction plant here to replace one recently destroyed by fire. W. Y. Foster, Sr., Hope, president. \$50,000.

BLYTHEVILLE, ARK.—Blytheville Auditorium Co., Chamber of Commerce, plans to build 75 x 140 ft., brick auditorium. \$50,000.

LITTLE ROCK, ARK.—B'Nai Israel congregation, Fifth Street and Broadway, plans to build temple. Address H. Lasker, 707 West Capitol Avenue. \$100,000.

CALIFORNIA

FAIRFIELD, CAL.—Solano County is having plans prepared by C. E. Perry, Jr., Architect, 1209 Sutter Street, Vallejo, for one-story, 100 x 300 ft., brick and frame hospital. \$100,000.

LOS ANGELES, CAL.—C. Karseboom, 1445 Dana Street, received contract for constructing school building at the Soto Street school site at \$53,890.

OXNARD, CAL.—City plans election to vote on \$140,000 bonds to build gas plant. Estimates have been made and plans are being prepared by Olmsted & Gillelen and J. M. Berkley, engineers, 1112 Hollingsworth Building, Los Angeles.

QUINCY, CAL.—Plumas County is having plans prepared by G. C. Sellon & Co., Architects, 1005 Eighth Avenue, Sacramento, for three-story reinforced concrete courthouse and jail. \$100,000.

SACRAMENTO, CAL.—A 50-ton daily ice manufacturing plant and a cold storage plant, costing approximately \$225,000, is soon to be constructed by R. Cartenson, proprietor of the Crystal Ice Co. Plans have been prepared and the building will be constructed on R Street, between Sixteenth and Seventeenth Streets.

SYLMAR, CAL.—Board of Supervisors, Los Angeles County, will construct one-story and basement reinforced concrete and frame service building at Olive View Sanitarium here.

TAFT, CAL.—W. L. Adkisson, Mayor, and associates have organized a company and are planning the construction of a four-story hotel building on Center Street having a frontage of 75 ft. Thomas Wiseman, Architect. \$125,000.

COLORADO

CENTER, COL.—Board of Education proposes building two-story, 60 x 275 ft., brick and concrete school, reinforced concrete flooring, concrete and brick foundation. Montjoy, French & Frewen, Chamber of Commerce Building, Denver, Architects. \$82,000.

DENVER, COL.—St. Luke's Hospital Assn., East Nineteenth and Pearl streets, plans to build addition to hospital. Cost between \$50,000 and \$75,000.

DENVER, COL.—Jackson Compressor Co., 235 South Cherokee Street, soon receives bids for building one-story plant on Alameda Avenue and Cherokee Street. Montjoy, French & Frewen, Chamber Commerce Building, Architects. \$225,000.

DURANGO, COL.—Supervising Architect. Treasury Department, Washington, D. C., contemplates constructing United States post office here.

EDGEWATER, COL.—Evangelical Lutheran Sanitarium Assn., Arvada Street, soon receives bids for building three-story, brick and reinforced concrete sanitarium on West Thirty-eighth Avenue. W. N. Bowman, 916 Central Savings Bank Building, Architect. \$150,000.

GREELY, COL.—Hackett & Walters Co., 708 Seventh Street, plans to build 37 x 115 ft. modern plant on Seventh Street.

ORDWAY, COL.—Board of Education will build brick and concrete cottage school, reinforced concrete flooring, concrete and brick foundation. Montjoy, French & Frewen, Chamber of Commerce Building, Denver, Architects. \$80,000.

CONNECTICUT

DERBY, CONN.—Board of Education, Minerva Street, plans to build high school. \$200,000.

HARTFORD, CONN.—D. B. Hillyer, 108 Gillett Street, is having plans prepared by Helmle & Corbett, Architects, 190 Montague Street, Brooklyn, N. Y., for auditorium on Trinity Street, to be known as Bushnell Memorial. \$500,000.

LITCHFIELD, CONN.—Episcopal congregation plans to build stone church and brick parish house. \$150,000.

NEW BRITAIN, CONN.—State Legislature, Hartford, petitioned to appropriate \$500,000 to build additional State normal schools here. Address State Board of Education, Hartford.

NEW HAVEN (HAMDEN), CONN.—Hamden Plains Methodist Episcopal congregation, F. A. Wells, pastor, contemplates 57 x 115 brick and concrete church on Dixwell Avenue and Church Street. R. W. Foote, 185 Church Street, Architect.

WATERBURY, CONN.—State Legislature, Hartford, petitioned to appropriate \$400,000 to build State armory here.

ILLINOIS

CHICAGO, ILL.—William J. Scown, 36 W. Randolph Street, Chicago, awarded contract for repairing dome in the United States post office here at \$16,800.

CHICAGO, ILL.—Board of Education will build three-story grade school, 100 x 160 ft., brick and steel, on Sacramento Street and Thirty-ninth Place. A. F. Husander, 7 South Dearborn Street, Architect. \$275,000.

CHICAGO, ILL.—H. L. Newhouse, Architect, 4630 Prairie Avenue, receives bids about May 1 for building three-story bank and office, 65 x 120 ft., brick and concrete, on Twelfth Street and Kedzie Avenue, for Independence State Bank, 1215 South Kedzie Avenue. \$125,000.

CHICAGO, ILL.—W. L. Park, 120 South Michigan Boulevard, plans to build eight-story apartment hotel on Seventy-third Street and South Shore Drive. \$1,000,000.

CHICAGO, ILL.—Bankers Supply Co., 2251 South Park Avenue, will build one-story, 100 x 370 ft., brick and timber printing plant, concrete foundation on State Street near Fifty-ninth Street. R. E. Pingree, 209 South La Salle Street, Architects. \$120,000.

CHICAGO, ILL.—Henschien & McLaren, Architects, Old Colony Building, are receiving bids for building four-story, 25 x 50 ft. and 86 x 145 ft., brick and reinforced concrete packing plant at 925 West Thirty-seventh Place for Illinois Packing Co., 3940 Normal Avenue. \$175,000.

CHICAGO, ILL.—Ilg. Electric Ventilating Co., 154 Whiting Street, purchased 325 x 1333 ft. site on Crawford Avenue and George Street and plans to build plant. First unit to cost about \$250,000.

CHICAGO, ILL.—Krasberg Mfg. Co., 536 Lake Shore Drive, purchased 20,000 sq. ft. site on Ohio Street near lake front and plans to build seven-story brick and concrete plant. A. S. Alschuler, 28 East Jackson Street, Architect. \$275,000.

CHICAGO, ILL.—Ohio Match Co., Wadsworth, Ohio, plans to build three-story, 100 x 124 ft., brick, steel and reinforced concrete warehouse, reinforced concrete flooring and concrete foundation. R. H. Hindsale, 527 Erie Building, Cleveland, Ohio, Architect. \$200,000.

CHICAGO, ILL.—Seng Co., 1450 Dayton Street, purchased 290 x 1146 ft. site on Diversey and Crawford avenues, and plans to build plant. \$500,000.

GRANITE CITY, ILL.—National Enameling & Stamping Co. let contract for one-story, 60 x 75 ft., turbine plant, to Stupp Bros. Bridge & Iron Co., Frisco Building, St. Louis, Mo. \$50,000.

INDIANA

CRAWFORDSVILLE, IND.—Mayor and Common Council, city of Crawfordsville, will authorize constructing building and equipping addition to electric light plant. Howard Watson, City Clerk.

SHELBYVILLE, IND.—Dunlap & Co., Columbus, Ind., have contract for constructing United States public building here at \$57,198.

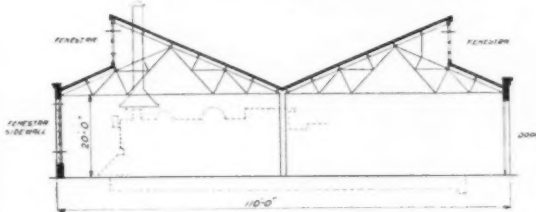
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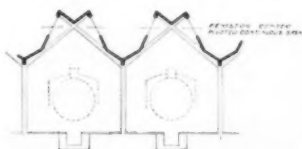
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IOWA

CEDAR RAPIDS, IA.—Iowa Radiator Co., 1210 South Twelfth Street, W., plans to build addition to factory. Cost between \$35,000 and \$50,000. W. H. Dunshee, president.

SIoux CITY, IA.—Sioux City Tire & Repair Co., 205 Fourth Street, plans to build brick and stone factory on Fifth and Plymouth streets. W. L. Steele, 502 United Bank Building, Architect. \$100,000.

SIoux CITY, IOWA.—Commissioners of Woodbury County are having plans prepared by W. Steele, Architect, 502 United Bank Building, for building two-story, 60 x 180 ft., reinforced concrete, brick and steel home on Bronson Road. \$100,000.

SIoux CITY, IOWA.—Shoborg Motor Co., 610 Pierce Street, plans to build four-story, 75 x 150 ft., brick, stone and reinforced concrete office and garage on Fourteenth and Pierce Streets. \$50,000.

MARYLAND

BALTIMORE, MD.—Board of Education authorized purchase of block bounded by Poplar Grove Street, Franklin Road, Lafayette Avenue and Lanvale Street, and plans to build school. Cost, between \$200,000 and \$250,000. Address J. F. Thrift, secretary.

BALTIMORE, MD.—Chizuk Amuno congregation purchased site on Eutaw Place and Chauncey Lane and plans to build granite or marble and steel synagogue and school. W. Levy, 2352 Eutaw Place, acting president. \$100,000.

BALTIMORE, MD.—Citizens National Bank, Hanover and Pratt Streets, plans to alter existing building and construct two-story, 25 x 80 ft., steel, brick and concrete addition. Cost, between \$75,000 and \$100,000. A. D. Graham, president.

BALTIMORE, MD.—Seventh Baptist congregation, North Avenue and St. Paul Street, is having plans prepared by C. N. Friz, Architect, 1523 Munsey Building, for 50 x 150 ft. marble church. C. H. Pinchbeck, pastor. \$100,000.

CUMBERLAND, MD.—Allegheny Trades Council plans to build three-story, 40 x 100 ft., steel and brick labor temple. J. V. Fisher, secretary. \$50,000.

HAGERSTOWN, MD.—Board of Education, Washington County, plans to build three two-story and three-story concrete, steel and brick schools, one at north end of city, addition to one on Antietam Street and one at Halfway. A. K. Klinkhart, 27 West Washington Street, Architect. \$200,000.

MASSACHUSETTS

BELCHERTOWN, MASS.—Commonwealth of Massachusetts will build home for feeble-minded, here, two-story, 75 x 90 ft., brick and reinforced concrete, reinforced concrete flooring and concrete foundation. Address G. M. Kline, 36 State House, Boston, director mental diseases. Kendall, Taylor & Co., 94 Federal Street, Boston, Architects. \$100,000.

BOSTON, MASS.—Commission Mental Diseases applied to State Legislature for appropriation to build kitchen and dining room in west group, Boston State Hospital, cost, \$100,000, kitchen and dining room, east group, \$110,000; home for nurses in east group, \$80,000.

CAMBRIDGE, MASS.—City had plans prepared by E. T. P. Graham, Architect, 20 Beacon Street, Boston, building two-story hospital on Cambridge Avenue. \$100,000.

CHICOPEE, MASS.—J. Bonetakis, 60 Springfield Street, plans to alter and build addition to existing building on Center Street to be used as motion picture theater. \$100,000.

SPRINGFIELD, MASS.—Board of Education plans to build twelve-room addition to Homer Street school. \$120,000.

WORCESTER, MASS.—M. Barsky, 21 Green Street, plans to build one-story, 200 x 280 ft., machine shop. \$50,000.

MICHIGAN

DETROIT, MICH.—Board of Education plans to build new schools and additions and improvements to existing buildings, all included in the 1919 budget, as follows: High school, Boston Boulevard and Twelfth Street, cost \$1,000,000; completing Nordstrom High School, Fort and Waterman Streets, \$750,000; addition to Longfellow School, Indiandale and Twelfth Streets, \$120,000; addition to Moore School, Alger and Cameron Avenues, \$200,000; addition to Farrand School, Harper Avenue and John R. Street, \$130,000; new school, For-

est Avenue and Antoine Street, \$200,000; new school, Brooklyn Avenue and Locust Street, \$200,000; addition to Dwyer School, Caniff and Rosedale Court, \$200,000; addition to A. L. Holmes School, \$120,000; addition to Philip School, \$120,000; new school, Fenkell Avenue, \$80,000; addition to Capron School, Maple and Riopelle Streets, \$20,000; new school in lieu of present Ternane School, \$80,000; new school in lieu of present Everett School, Fort and Hastings Streets, \$240,000; new school in lieu of Burton and Clay Schools, Pitcher Street and Cass Avenue, \$200,000; new school on Ferry and Joseph Campau Avenues, \$160,000; new school in lieu of Irving School, Willis and Woodward Avenues, \$280,000; new school in lieu of Logan School, Clippert and Michigan Avenues, \$200,000; addition to Nichols School, Burns and Goethe Avenues, \$160,000; new school, Milwaukee Avenue, E., and Boulevard, \$160,000; new school, Adelaide and Antoine Streets, \$240,000; new school, Canfield and Mt. Elliott Avenues, \$160,000; addition to Condon Junior High School, Vinewood Avenue and Grand Boulevard, \$130,000; addition to Joyce Junior High School, Sylvester and Seneca Avenues, \$75,000; auditorium and gymnasium in Field School, Field and Agnes Avenues, \$80,000; auditorium and gymnasium in Ellis School, Junction and Rich Avenues, \$70,000; new school, G. P. Lodd Athletic Field, \$20,000; new school, Goldberg Athletic Field, Twelfth and Piquette Streets, \$20,000; open air school, Waterman and Lafayette Avenues, \$25,000; open air school, Brooklyn Avenue and Locust Street, \$25,000; open air school, Martin and Michigan Avenues, \$25,000; open air school, Davison and Joseph Campau Avenues, \$25,000; open air school in vicinity of Maybee School, \$25,000; also developing and equipping fourth-floor laboratory of the Central High School, Cass and Warren Avenues, \$49,660.

DETROIT, MICH.—Department Motor Trucks plans to build garage at western yards on Nineteenth Street and Michigan Avenue. \$75,000.

DETROIT, MICH.—J. G. Kastler, Architect, 523 Chamber of Commerce Building, is preparing plans for two-story, 50 x 180 ft., brick, concrete and steel garage on Chene Street and East Grand Boulevard.

DETROIT, MICH.—Smith, Hinchman & Grylls, Architects, 710 Washington Arcade, will design two-story, 40 x 115 ft. and 40 x 130 ft., brick, steel and reinforced concrete factory on Pine and Fifth streets for Monroe Sheet Metal & Roofing Co., 563 Myrtle Street.

MUSKEGON, MICH.—Brunswick-Balke-Collender Co., Laketon Avenue, plans to build addition to factory. \$200,000.

MINNESOTA

CLOQUET, MINN.—City soon lets contract to build two-story fire hall, 50 x 100 ft. Holstead & Sullivan, 410 Palladio Building, Duluth, Architects.

CLOQUET, MINN.—E. W. Spoor, secretary Board of Education, will build two-story, 62 x 80 ft., reinforced concrete, steel and brick school on Main Street. Kelly & Shefelick, Alworth Building, Architect. \$50,000.

DULUTH, MINN.—C. A. Bronson, secretary Board of Education, Lonsdale Building, proposes two-story, 55 x 75 ft., reinforced concrete and brick addition to school on Seventh Street, E. Croft & Boerner, Lonsdale Building, Architects. \$70,000.

GREENBUSH, MINN.—School District No. 66, Roseau County, receives bids about March 15 to build two-story, 75 x 100 ft., stone and brick school. \$55,000.

MAGNOLIA, MINN.—Board of Education, Consolidated District No. 5, Rock County, will build school here. F. B. Pettengill, clerk. G. Pass & Son, Mankato, Architects.

MANKATO, MINN.—Building Committee, Board of Education, at the office of the Superintendent of Schools, will construct union grade school building. George Pass, Jr., Architect, Mankato, Minn., and Tweed & Kerr Co., Engineers.

MINNEAPOLIS, MINN.—Board of Charities & Corrections plans election to vote on \$344,000 bonds to build workhouse. W. F. Chappelin, city engineer.

STARBUCK, MINN.—Foss & Foss, Architects, Starbuck, Minn., will design brick high school building.

ST. PAUL, MINN.—Plans are being prepared for a four-story reinforced concrete factory building on University Avenue, near Fairview, for Griggs, Cooper & Co., 120 x 300 ft. Total estimated cost, \$250,000. Toltz Engineering Co., 1410 Pioneer Building, St. Paul, Architects and Engineers.

VIRGINIA, MINN.—City plans to build three-story reinforced concrete and brick City Hall and Public Auditorium. A. E. Bickford, City Clerk. \$200,000.

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MISSOURI

CHESTERFIELD, Mo.—L. B. Faust, president Chesterfield Cooperative Grain Assn., proposes building grain elevator with 70,000 bushels capacity. \$30,000.

KANSAS CITY, Mo.—Kansas City Light & Power Co., 1500 Grand Avenue, plans to expend \$5,500,000 for improvements. H. Blackwell, vice-president.

SPRINGFIELD, Mo.—United Iron Works, Mill and Prospect streets, plans to build brick machine shop on National Boulevard. C. H. Cole, Kansas City, president. \$30,000.

ST. LOUIS, Mo.—Floor Shine Paint & Varnish Mfg. Co., 2744 Olive Street, will build addition to factory. C. F. McKinley, president. \$30,000.

ST. LOUIS, Mo.—Yung & Mueller Baking Co., 1913 North Prairie Avenue, let contract for building two-story, 54 x 115 ft., brick bakery, to Hartman & Schuermann, Odd Fellows Building. \$40,000.

ST. LOUIS, Mo.—Federal Reserve Bank, Broadway and Pine Street, purchased site on Fourth and Locust Streets and plans to build 72 x 150 ft. bank. Address D. C. Biggs, core of owner.

ST. LOUIS, Mo.—L. Haeger, Architect, 3844 Utah Street, has designed two-story, 60 x 100 ft., brick and concrete bank, on Grand and Hartford Avenues, for Tower Grove Bank, Grand and Juniata Avenues. \$60,000.

ST. LOUIS, Mo.—P. McCarthy, engineer, care of Grand Leader, soon receives bids for tearing down present building and constructing eight-story, 90 x 166 ft., department store on northeast corner of Seventh Street and Washington Avenue, for Stix, Baer & Fuller Dry Goods Co. \$1,000,000.

ST. LOUIS, Mo.—Provident Realty & Investment Co., Central National Bank Building, is having preliminary sketches prepared by T. P. Barnett Co., Architects, Central National Bank Building, for five-story office and store, 100 x 105 ft., on Laclede and Euclid Avenues. T. P. Barnett, president.

MONTANA

COLUMBUS, MONT.—Stillwater Co. had plans prepared for three-story brick courthouse. N. W. Dedrick, Babcock-Selvidge Building, Billings, Mont. \$100,000.

HARDIN, MONT.—Board of Education voted \$100,000 bonds to build high school. W. Dedrick, Babcock-Selvidge Building, Billings, Architect.

NEBRASKA

EAGLE, NEB.—Henry Ohlsen & Son, David City, Neb., have contract for constructing one-story, 120 x 120 ft., school building for District No. 104 at \$75,671.

NEW JERSEY

BAYONNE, N. J.—Southern Cotton Oil Co., 160 East Twenty-second Street, plans to build barrel factory to replace one destroyed by fire. \$75,000.

IRVINGTON, N. J.—The Board of Education let contract for alterations to School No. 6, Madison Avenue, at \$54,309.

LINDEN, N. J.—Board of Education let contract for building two-story, 50 x 100 ft., brick and stone addition to Public School No. 3, Wood Avenue, to A. W. Crone & Son, 500 Central Avenue, Jersey City. \$60,000.

NEWARK, N. J.—The Schofield Oil Co. has contracted for the construction of a large cooperage building in connection with its plant in Avenue R along the Passaic River. Frederick Kilgus, Inc., has the general contract. Frederick A. Phelps, Architect. \$55,000.

TRENTON, N. J.—Hildinger Enterprise, Inc., 135 East Hanover Street, plans to build theater on East State Street. \$150,000.

NEW HAMPSHIRE

LACONIA, N. H.—Eastern Hotel Co., care of F. C. Watson, Architect, 30 Elm Street, Gloucester, Mass., had plans prepared for building four-story hotel, 40 x 180 ft. frame and stucco on Lake Shore Avenue, here.

NEW YORK

BROOKLYN, N. Y.—Rockwood & Co., 88 Washington Avenue, let contract for altering and building three-story, 100 x 200 ft., steel and brick addition, 21-35 Waverly Avenue, to W. L. and G. H. O'Shea, 29 Broadway, New York City. \$83,000.

BROOKLYN, N. Y.—Spencer Realty Co., Broadway and Havermeyer Street, will build one-story, 50 x 200 ft., steel and brick garage, Bedford and Myrtle avenue. \$65,000.

BUFFALO, N. Y.—University of Buffalo, 24 High Street, is considering plans for chemical laboratory on Main Street. About \$150,000 available.

BUFFALO, N. Y.—A. L. Vincent, care of H. C. Lincoln, Architect, 15 West Eagle Street, had plans prepared for altering and converting building at 253 Ellicott Street into garage. \$35,000.

BUFFALO, N. Y.—J. Dold Packing Co., 723 William Street, is receiving bids for five-story, 60 x 70 ft., reinforced concrete addition to plant. A. Robb, purchasing agent.

BUFFALO, N. Y.—Donner-Union Coke Corp., Abbey Road, let contract for building plant consisting of brick and steel by-product coke building, cost, \$100,000; concrete coal bin, \$100,000; machine shop, \$17,000, etc., to H. J. Koppers Co., Abbey Road. Total cost of plant will amount to approximately \$5,000,000.

FAR ROCKAWAY, N. Y.—T. W. Lamb, Architect, 644 Eighth Avenue, New York City, has designed one-story, 44 x 250 ft., steel and brick theater on Central Avenue here for Far Rockaway Strand Theater Co., Forty-seventh Street and Broadway, New York City. \$100,000.

LONG ISLAND CITY, N. Y.—Bids will be received for construction of steel and brick factory, reinforced concrete floors, concrete foundation. Buchman & Kahn, Architects, 56 West Forty-fifth Street, New York City.

LYONSVILLE, N. Y.—Moyer & Pratt let contract for improving plant, to W. Charlebois, 841 Mill Street, Watertown. \$70,000.

MALONE, N. Y.—Captain John A. Coffey, secretary State Board of Armory Commissioners, 15 State Street, Albany, N. Y., plans addition to State Armory, constructing, heating, sanitary and electric work. Lewis F. Pilcher, Architect, Capitol, Albany, N. Y.

MASSENA, N. Y.—Aluminum Co. of America plans extensive improvements and additions to present plant.

NEW YORK, N. Y.—H. Birdsall, 182 West Street, let contract for building two-story, 71 x 100 ft., steel and brick garage, reinforced concrete flooring, brick foundation, at 221-225 Thompson Street, to J. C. Mack, 31 Liberty Street. \$40,000.

NEW YORK, N. Y.—Horowitz-Matzoths Co., 371 East Fourth Street, are having preliminary plans prepared by J. Fisher, Architect, 25 Avenue A, for 70 x 150 ft., reinforced concrete and steel warehouse at foot East Third Street. \$55,000.

NEW YORK, N. Y.—Pictorial Review Co., 222 West Thirty-ninth Street, plans to build twelve-story, 107 x 147 ft., brick and steel printing plant, Seventh Avenue and Thirty-ninth Street. \$1,000,000.

NEW YORK, N. Y.—A. C. Merkle, Inc., 233 Broadway, will build four-story, brick and steel factory, reinforced concrete flooring, concrete foundation, 517 West Street. \$145,000.

POUGHKEEPSIE, N. Y.—Korn & Stein, 10 North Cherry Street, are having plans prepared by D. Carpenter, Architect, 45 Market Street, for three-story, 30 x 90 ft., brick factory. \$30,000.

SYRACUSE, N. Y.—Bids will be received in spring for constructing fireproof building for the Onondaga General Hospital, four stories, 44 x 107 ft. Total estimated cost, \$90,000. H. D. Phoenix, 419 Union Building, Syracuse, N. Y., Architect.

UTICA, N. Y.—Board of Education plans to build three new schools.

UTICA, N. Y.—State Hospital Commission, Albany, will build two-story, 44 x 60 ft., reinforced concrete, steel and brick laboratory and mortuary at State Institution here. F. L. Pilcher, Capitol, Albany, Architect. \$50,000.

WARDS ISLAND, N. Y.—Hospital Commission, Albany, will build three-story, 22 x 114 ft., brick, steel and reinforced concrete dining room at State Hospital here. F. L. Pilcher, Capitol, Albany, State Architect. \$100,000.

WATERTOWN, N. Y.—F. Dudley of United Hotels Co., Buffalo, plans to build six-story concrete and brick hotel on Washington Street and a three-story garage on Goodale Street. \$500,000.

NORTH DAKOTA

BISMARCK, N. D.—State plans to build liberty memorial building on Capitol grounds. \$200,000.

OHIO

CLEVELAND, OHIO.—Board of Public Service let contract for building one-story, 105 x 133 ft., brick and concrete garage, reinforced concrete flooring, concrete foundation, on East Third Street and St. Clair Avenue, to G. A. Rutherford Co., 1922 East Eighteenth Street. \$50,000.

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CLEVELAND, OHIO.—Clover Meadow Creamery Co., 1837 East Fifty-fifth Street, let contract for building two-story brick, steel and reinforced concrete creamery plant, reinforced concrete flooring, concrete foundation, to Bolton & Pratt Co., 801 Columbia Building. \$60,000.

CLEVELAND, OHIO.—B. F. Keith Theater Co., Hippodrome Building, plans to build brick, steel and reinforced concrete theater and office. J. H. Royal, manager.

CLEVELAND, OHIO.—W. R. McCormack, Architect, East Sixth Street and Rockwell Avenue, will build one-story brick, steel and reinforced concrete school on East 146th Street, near Kinsman Road. \$200,000.

COLUMBUS, OHIO.—Board of Education plans to vote on \$1,500,000 bonds to construct twelve to fifteen elementary schools.

OKLAHOMA

DRUMRIGHT, OKLA.—Board of Education is having plans prepared by Stewart & Lambert, Architects, 1213 State Bank Building, for one-story brick and stone high school. D. Frye, president. \$235,000.

MCALISTER, OKLA.—City will vote on \$250,000 bonds to build school. W. G. Masterson, superintendent.

PAULS VALLEY, OKLA.—Board of Education is having plans prepared by J. Hicks, Architect, 19½ West Main Street, Oklahoma, for building two-story, 72 x 112 ft., reinforced concrete and brick high school. \$55,000.

YALE, OKLA.—Board of Education is having plans prepared by Tonini & Bramblet, Architects, 417 Terminal Building, Oklahoma, for brick and stone schools. \$75,000 and \$250,000 respectively. J. U. Joy, clerk.

OREGON

ASTORIA, ORE.—Standard Oil Co. plans to build distributing plant. \$200,000.

SALEM, ORE.—State Legislature petitioned to appropriate \$500,000 to build penitentiary group.

PENNSYLVANIA

PHILADELPHIA, PA.—Dawson Construction Co., Washington, D. C., was low bidder for constructing emergency hospital building at Grays Ferry at \$227,000.

PHILADELPHIA, PA.—Cheri, Inc., care of J. G. Patton, Fifteenth and Chestnut Streets, plans to alter and build four-story addition to restaurant at 1604 Chestnut Street. C. E. Oelschager, 1615 Sansom Street, Architect. \$50,000.

PHILADELPHIA, PA.—Miller-North Broad Street Storage Co., 2709-21 North Broad Street, plans to build six-story, 54 x 138 ft., storage warehouse at 5301-03 Germantown Avenue. \$100,000.

PHILADELPHIA, PA.—W. Sellers Co., Sixteenth and Hamilton Streets, let contract for building five-story, 52 x 108 ft., reinforced concrete, brick and steel machine shop, to Barclay, White & Co., 1713 Sansom Street. \$100,000.

PRESTON, PA.—Herman Mailander, Wilkes-Barre, Pa., will construct brick school building here at \$25,762.

READING, PA.—W. I. Luden Co., 216 North Eighth Street, plans to build four-story, 100 x 156 ft., brick building on North Eighth Street. \$75,000.

SUNBURY, PA.—A. E. Badgley, Binghamton, N. Y., was awarded contract for constructing United States public building here at \$85,367.

RHODE ISLAND

PROVIDENCE, R. I.—City is having plans prepared by Clarke & Howe, Architects, 1304 Turk Heads Building, for three-story library on Fountain and Empire Streets. \$400,000.

PROVIDENCE, R. I.—Maine Creamery Co., 69 Broadway, plans to alter present creamery and build one-story, 35 x 150 ft. and 30 x 60 ft., brick and timber additions, on Bath Street, to be used for garage, stable, office, etc. B. S. D. Martin, 86 Weybosset Street, Architect. \$45,000.

ROCKAWAY, R. I.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct an addition to dispensary at Rockaway.

SOUTH CAROLINA

ROCK HILL, S. C.—Anderson Motor Co. plans to build garage. \$75,000.

TIMMONSVILLE, S. C.—People's Bank plans to build bank on Main Street. J. B. Dansbury, president. \$65,000.

TEXAS

DALLAS, TEX.—Wyatt Metal & Boiler Works, 1817 Coombs Street, purchased 155 x 500 ft. site and plans to build an addition to its plant. W. J. Wyatt, president. \$25,000.

FT. WORTH, TEX.—Ft. Worth National Bank, 514 Main Street, plans to remodel and enlarge bank. \$75,000.

GALVESTON, TEX.—Dawson Construction Co., Union Trust Building, Washington, D. C., awarded contract for constructing three hangars, pavement and beach at the navy yard here at \$315,000.

HOUSTON, TEX.—W. C. Hedrick Construction Co. was awarded contract for constructing the \$750,000 refinery of the Crown Oil & Refining Co. on the south side of Houston Ship Canal in the Pasadena vicinity.

HOUSTON, TEX.—City is having plans prepared by M. J. Sullivan, Architect, 207 City Hall, for building Houston Heights School, at Boulevard and Twentieth Street, three-story, 65 x 200 ft., reinforced concrete, brick and stone. \$100,000.

NORTH FORT WORTH, TEX.—Pittsburgh-Des Moines Steel Co., Washington, D. C., awarded contract for gas holder at \$89,700.

SAN MARCUS, TEX.—Trustees San Marcus Baptist Academy plan to construct administration building to include classrooms, auditorium, library, laboratories, etc. \$100,000.

WISCONSIN

GREEN BAY, WIS.—Conradson Machine Tool Co., recently incorporated with \$300,000 capital stock, acquired 12 acre site and plans to build plant to include machine shop, experimental shop, drafting room, office and warehouse and shipping building. C. A. Conradson, chief engineer and manager.

JANESVILLE, WIS.—City plans to build school to include gymnasium and auditorium. \$500,000.

LA CROSSE, WIS.—Armour & Co., Union Stock Yards, Chicago, plans to build four-story, 81 x 154 ft., warehouse on Front and Mt. Vernon streets. \$150,000.

LA CROSSE, WIS.—Linker Realty Co. will build four-story, 20 x 152 ft., addition to hotel on Fourth Street between Main and Pearl streets. Parkinson & Dockendorff, La Crosse, Architects. \$50,000.

MARSHFIELD, WIS.—City soon lets contract for building two-story school, 50 x 125 ft., reinforced concrete and brick. Childs & Smith, 64 Van Buren Street, Chicago, Architects. \$60,000.

MEMASHA, WIS.—Graef Wire & Mfg. Co., 501 East Forest Avenue, Neenah, let contract for building brick and mill construction plant to include one-story, 110 x 150 ft., machine shop, 30 x 40 ft. boiler room and two-story, 50 x 100 ft., warehouse to Appleton Construction Co., Appleton. \$50,000.

MENASHA, WIS.—Lakeside Paper Co. had plans prepared for additions to its plant. \$80,000.

MILWAUKEE, WIS.—A. B. and B. Specialty Co., 3300 Fond du Lac Avenue, let contract for building two-story, 55 x 100 ft., brick and concrete addition to plant, to J. Metz, 1014 Center Street.

MILWAUKEE, WIS.—American Automobile Co., 187 Wisconsin Street, purchased site at Prospect Avenue and Ivanhoe Place and plans to build garage, service station and machine shop. A. E. Raffauf, manager. \$45,000.

MILWAUKEE, WIS.—Board of Education soon receives bids for building two-story, 170 x 175 ft., reinforced concrete, brick and steel school on Greenbush Avenue. Van Ryn & De Gelleke, 114 Grand Avenue, Architects. \$160,000.

MILWAUKEE, WIS.—H. J. Esser, Architect, 82 Wisconsin Street, receives bids in March for building seven-story, 185 x 310 ft., reinforced concrete, brick and steel bakery on Twenty-fourth Street and National Avenue for R. A. Johnston Co., 270 Florida Street.

MILWAUKEE, WIS.—Milwaukee Paper Box Co., 400 Florida Street, soon receives bids for building five-story, 120 x 145 ft., reinforced concrete, brick and steel factory, reinforced concrete flooring, concrete foundation on South Pierce and Muskego streets. Schnetzky & Son, 105 Wells Street, Architects. \$225,000.

SUPERIOR, WIS.—City receives bids in spring for building two-story school, 117 x 155 ft. F. E. Johnson, Wisconsin Building, Architect. \$125,000.

WAUSAU, WIS.—Marathon Shoe Co. plans to build three-story brick and concrete factory. S. J. Pentler, secretary and manager. \$30,000.



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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BESSEMER, ALA.—American Telephone & Telegraph Co., Hurt Building, Atlanta, Ga., acquired 75 x 150 ft. site on Fourth Avenue, between Eighteenth and Nineteenth Streets, and plans to build two-story brick exchange here. \$60,000.

MOBILE, ALA.—O. P. McMeans, engineer, McMeans and Tripp Streets, Indianapolis, Ind., will build factory here for Dixie Fruit Products Co., 510 Majestic Building. \$250,000.

ARIZONA

TUCSON, ARIZ.—Board of Supervisors, Pim County, plans to build school. Address E. Randolph. \$300,000.

CALIFORNIA

FRESNO, CAL.—San Joaquin Light & Power Co., H and Tulare Streets, plans to build 15,000-kw. hydroelectric plant on San Joaquin River. About \$3,000,000 will be expended for project.

LOS ANGELES, CAL.—T. F. Curtis, 671 South Coronado Street, is having plans prepared by H. Albright, Architect, 553 Laughlin Building, for twelve-story hotel, 175 x 250 ft., reinforced concrete, on Sixth Street, near Westlake Park. \$1,250,000.

LOS ANGELES, CAL.—Killefer Mfg. Co., 2209 Santa Fe Avenue, plans to build factory.

MARE ISLAND, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct structural shop at the navy yards here. \$1,450,000.

PASADENA, CAL.—City clerk will construct a municipal plant to manufacture stock feed out of city garbage to be constructed adjacent to the incinerator, on South Raymond Avenue. Herman Dyer, city clerk.

SAN DIEGO, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct seven barrack buildings at the Marine Corps base here. \$1,000,000.

SANTA BARBARA, CAL.—Union Mill & Lumber Co., Chapala Street, plans to build planing mill on East Montecito Street.

COLORADO

BOULDER, COL.—State is having plans prepared by Day & Klauder, Architects, 925 Chestnut Street, Philadelphia, Pa., for sixteen buildings, administration, social center, dormitories, liberal arts, etc., on college campus. \$2,000,000.

DENVER, COL.—Gates Rubber Co., 999 South Broadway, will build four-story, 125 x 170 ft., factory; also four-story, 90 x 140 ft., warehouse; both brick and concrete. \$200,000 each.

GREELEY, COL.—Union National Bank, Eighth Avenue and Eighth Street, is having plans prepared by Roeschlaub & Fuller, Architects, 310 Foster Building, Denver, for remodeling bank here. \$70,000.

CONNECTICUT

BRIDGEPORT, CONN.—A. L. Clark, 1710 Main Street, purchased 140 x 180 ft. site on Cannon Street and plans to build public garage.

BRIDGEPORT, CONN.—Commercial Trust Co., care of J. A. Spafford, 886 Main Street, purchased site at 1328-1334 Main Street and plans to build bank.

BRIDGEPORT, CONN.—S. Z. Poli, 24 Church Street, New Haven, plans to build three-story concrete, steel and brick theater on Main Street here. T. W. Lamb, 644 Eighth Avenue, New York City, Architect. \$400,000.

DANIELSON, CONN.—Connecticut Mills Co., 175 Connecticut Mills Avenue, plans to build community house on Plant Street, to include auditoriums, smoking rooms, hospital, café, and houses for employees. \$150,000.

FAIRFIELD, CONN.—Y. M. and Y. W. C. A. plans to build two-story, 40 x 100 ft., combined building. Address C. W. Saunders, Center Street.

HARTFORD, CONN.—P. A. Frasse & Co., Inc., 45 Boulevard Street, had plans prepared for building one-story, 50 x 145 ft., concrete and brick storage building on Forest Street. \$40,000.

HARTFORD, CONN.—Berenson & Moses, Architects, 26 State Street, receives bids in March for building five-story, 46 x 126 ft., brick, steel and timber apartment hotel on Farmington Avenue for N. Carabillo, 5 Edwards Street. \$80,000.

HARTFORD, CONN.—Horace Bushnell Memorial Hall Association, 108 Gillett Street, receives bids in spring for building brick and stone auditorium on Trinity Street and Capitol Avenue. Helme & Corbett, 190 Montague Street, Brooklyn, N. Y., Architects. \$500,000.

NAUGATUCK, CONN.—Y. M. C. A., Rockwell Avenue, receives bids in March for three-story brick, steel and timber building on Church Street. H. L. Isbell, chairman. L. W. Jallade, 37 Liberty Street, New York City, Architect. \$80,000.

NEW BRITAIN, CONN.—City will build brick addition to abattoir on Rocky Hill Avenue. Cost to exceed \$50,000.

NEW BRITAIN, CONN.—City receives bids in spring for building two-story firehouse in South End section. W. H. Hall, City Engineer. \$75,000.

NEW HAVEN, CONN.—New England Iron Works, Inc., 96 Commerce Street, will build one-story, 60 x 150 ft., brick and steel plant on Albert and Welton Streets. \$40,000.

NEW LONDON, CONN.—B. A. Copp, trustee, 48 Bank Street, plans to rebuild business building on Bank Street recently destroyed by fire. \$100,000.

PLAINVILLE, CONN.—M. J. Unkelbach, Architect, 162 Main Street, New Britain, will erect two-story, 60 x 135 ft., brick and concrete store building and bowling alleys, concrete foundation, on Main Street, for Neri Bros., 8 East Main Street. \$50,000.

ROCKY HILL, CONN.—Connecticut Foundry Co. let contract for building one and two-story, 100 x 160 ft., brick and steel foundry to J. H. Grozier Co., 721 Main Street, Hartford. \$40,000.

TORRINGTON, CONN.—Meyer & Rickert, 70 East Main Street, plans to build moving picture theater on site of old Strand Theater. \$60,000.

WATERBURY, CONN.—City will build firehouse and annex for police station in Waterville district. \$75,000.

WATERBURY, CONN.—City proposes building firehouse in Bunker Hill section. R. A. Cairns, City Engineer. \$50,000.

WATERBURY, CONN.—S. Z. Poli, 24 Church Street, New Haven, will erect one-story brick and steel theater. T. W. Lamb, 644 Eighth Avenue, New York City, Architect. \$500,000.

WATERBURY, CONN.—E. E. Benedict, Architect, 51 Leavenworth Street, will build two-story, 44 x 100 ft., concrete and brick public garage, reinforced concrete flooring, concrete foundation, on South Main Street, for S. L. Gottlieb, 291 South Main Street. \$35,000.

FLORIDA

MIAMI, FLA.—G. A. McKinnon, 1505 Fifteenth Street, soon receive bids for building seven-story hotel on Avenue C. \$50,000.

MIAMI, FLA.—Magic City Lumber Co., Lemon Street and Avenue E, purchased site on Waddell Street and plans to build three-story concrete or tile building. F. C. Goodman, president. \$75,000.

PALATKA, FLA.—Board of Public Instruction of Putnam County sold \$85,000 bonds to build two schools.

GEORGIA

AUGUSTA, GA.—Lenox Amusement Co. had plans prepared by G. L. Preacher, Architect, Johnson Building, for 30 x 150 ft. brick, reinforced concrete and steel theater. \$60,000.

ABBEVILLE, GA.—Lon Dickey Tobacco Warehouse Co., plans to build 160 x 200 ft. warehouse here.

ATLANTA, GA.—Murray Co., Southern R. R. and Foster Street, plans to build a one-story, 110 x 200 ft., steel-frame gray iron foundry. Lockwood, Greene & Co., Healy Building, engineers. \$50,000.

SAVANNAH, GA.—E. Morgan, Savannah, Ga., was awarded contract for constructing six additional buildings at the U. S. Quarantine Station here at \$94,573.

How \$1,500 invested in "85% Magnesia" saved 33 carloads of coal a year—

This striking picture shows the lofty steam expansion bend of the great outdoor steam pipe-line of the Gulf States Steel Company plant at Alabama City, Alabama.

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IDAHO

BOISE, IDAHO.—Independent School District No. 1 is having plans prepared by Wayland & Fennell, Architects, Idaho Building, for two-story brick school on East Bannock Street. \$90,000.

CALDWELL, IDAHO.—School District is having plans prepared by Wayland & Fennell, Architects, Idaho Building, Boise, for two-story concrete and brick high school. \$75,000.

NAMPA, IDAHO.—Tourtellote & Hummel, Architects, Overland Building, Boise, have plans for building hospital, 40 x 152 ft., brick, for Sisters of Mercy. Cost between \$50,000 and \$60,000.

ILLINOIS

CHICAGO, ILL.—Commissioners of Cook County plan to build at Oak Forest Infirmary to house 100 adults. E. E. Hall, 11 South La Salle Street, Architect.

CHICAGO, ILL.—State Bank of Chicago, 135 West Washington Street, will build sixteen-story, 95 x 189 ft., steel and concrete bank and office on La Salle and Monroe Streets. \$2,000,000.

CHICAGO, ILL.—Melba Mfg. Co., 4237 Indiana Avenue, let contract for building three-story, 65 x 65 ft., brick and timber addition to factory, brick foundation, to D. A. Crilly, 6242 Ellis Avenue. \$25,000.

DECATUR, ILL.—Comet Automobile Co., 156 South Water Street, plans to build power and heating station. \$35,000.

DUQUOIN, ILL.—Estate of Mrs. L. F. Browning plans to build hospital. Address M. Teague, trustee Browning Hospital. \$200,000.

EAST ST. LOUIS, ILL.—J. Downey, Architect, Stockyards, plans the rebuilding of fire damaged slaughter house for Morris & Co., National Stockyards. \$35,000.

ROCK FALLS, ILL.—Rock Falls Box Board Co. is having plans prepared for three-story, 120 x 135 ft., brick and reinforced concrete factory. J. L. Carey, 208 North Laramie Avenue, Chicago, engineer. \$130,000.

ROCK ISLAND, ILL.—Universal Tractor Co., branch of Moline Plow Co., 1420 Third Avenue, Moline, is having plans prepared by J. D. Clark, engineer, care of Moline Plow Co., for building two-story, 60 x 250 ft., plant on Forty-second Street and Third Avenue. \$250,000.

INDIANA

ROCKPORT, IND.—Anderson Parker, county auditor, Spencer County, will soon receive bids for constructing a new court house.

IOWA

MASON CITY, IOWA.—National Clay Works had plans prepared for rebuilding plant. A. J. Thompson, secretary. \$100,000.

MENLO, IOWA.—Board of Education is having plans prepared by Keffer & Jones, Architects, 610 Youngerman Building, Des Moines, for reinforced concrete and brick school. \$75,000.

PELLA, IOWA.—Central College is having preliminary plans prepared by J. Verhey, Architect, Pella, for brick and stone memorial. \$75,000.

SIoux CITY, IOWA.—Commissioners of Woodbury County will build two-story, 40 x 140 ft., reinforced concrete and brick infirmary on Danbury Road. W. L. Steele, 502 United Bank Building, Architect. \$100,000.

SIoux CITY, IOWA.—Terminal Grain Corp., Grain Exchange, will build 250,000-bushel reinforced concrete terminal elevator, reinforced concrete flooring, concrete foundation, on Fourteenth Street, along Great Northern Ry. tracks. Burrell Engineering & Construction Co., 323 South La Salle Street, Chicago, Ill., Engineers. \$140,000.

TAMA, IOWA.—Hotel Association, care of H. Cherry, secretary, Commercial Club, plans to build here. \$75,000.

KANSAS

WICHITA, KAN.—St. Mary's Cathedral Parish plans to build 124 x 167 ft. brick and stone school to cost \$70,000; rectory, \$30,000.

LOUISIANA

ALEXANDRIA, LA.—William O'Neil & Son Co. of Fari-bault, Minn., were low bidders for enlarging the Alexandria Public Building at \$84,000.

MARYLAND

BALTIMORE, MD.—The Bethlehem Steel Corporation has awarded contract to Irwin & Leighton of Philadelphia, Pa., for the construction of a one-story brick office building at Sparrows Point, 38 x 100 ft. Cost \$15,000.

BALTIMORE, MD.—J. Freund, Jr., Architect, 16 East Biddle Street, has plans for building four-story, 58 x 143 ft., reinforced concrete, steel and brick addition to bakery on North Gay Street, for City Baking Co., 500 Equitable Building. \$50,000.

BALTIMORE, MD.—Bartlett-Hayward Co., Scott and McHenry Streets, and F. A. Furst, 1515 Fidelity Building, are having preliminary plans prepared by Norton, Bird & Whitman, engineers, 1320 Munsey Building, for large ship repairing plant to cover 100 acres fronting on Patapsco River. Plans include dry docks, marine railway, machine shops, etc. Between \$4,000,000 and \$5,000,000 will be expended. H. Bruce, president of former company.

BALTIMORE, MD.—Trustees Johns Hopkins Hospital, Keyser Building, are having plans prepared by Archer & Allen, Architects, 47 Central Savings Bank Building, for three-story, 100 x 142 ft., steel and brick library and auditorium on Broadway and Monument Street, to be known as "Henry M. Hurd Building." \$100,000.

CANTON (BALTIMORE P. O.), MD.—J. M. Jones, 1621 Park Avenue, Baltimore, and associates, acquired site on Fifth Avenue and plan to build tin manufacturing plant. \$500,000.

CUMBERLAND, MD.—Kelly-Springfield Tire Co., Cook Street, Akron, Ohio, plans to build reinforced concrete factory here, to consist of several buildings. Cost, between \$2,000,000 and \$2,500,000. H. B. Blanchard, care of company, engineer.

MIDDLETOWN, MD.—Middletown Packing Co. plans to build one and two-story, 40 x 200 ft., factory, and 60 x 100 ft. warehouse, concrete, brick and timber, rock and concrete foundation. Cost between \$25,000 and \$30,000. M. F. Holter, president.

MASSACHUSETTS

BOSTON, MASS.—Boston Five Cent Savings Bank, School Street, plans to build five-story bank and office building. \$1,500,000.

BOSTON, MASS.—Evatt Construction Co., 151 Devonshire Street, Boston, Mass., will construct steel storage shed at the navy yards here at \$74,394.

BOSTON, MASS.—State Legislature petitioned to build armory in Dorchester district. Cost between \$200,000 and \$300,000.

BOSTON, MASS.—George A. Fuller Co., 131 State Street, Boston, Mass., has contract for constructing steel stack, storage shed, at the navy yards here at \$73,920.

MILLS, MASS.—Cliquot Club Co. let contract for building power house, new bottling building and removing and rebuilding storage building, to Aberthaw Construction Co., 27 School Street, Boston. \$150,000.

NEWTON, MASS.—C. W. Bixby, Architect, 8 Beacon Street, Boston, soon receives bids for building fifty houses for workmen, welfare house for men and one for women, timber, on Chapel, Bridge and California Streets, for Saxony Worsted Mills, 49 Chapel Street. \$180,000.

SHERBORN, MASS.—State Legislature, Boston, petitioned to appropriate \$332,600 to remodel and improve women's prison here. E. C. Bagley, Director of Prisons.

SPRINGFIELD, MASS.—Board of Education plans to build three-story school addition on Oakland Street, to include assembly hall and gymnasium. \$200,000.

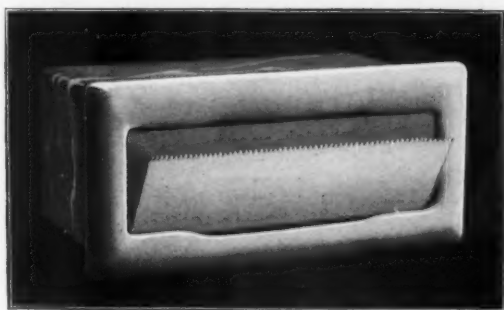
SPRINGFIELD, MASS.—H. L. Sprague, Architect, 310 Main Street, receives bids in March for remodeling building on Dwight Street into office for Baker Realty Trust Co., care of Architect. \$75,000.

WORCESTER, MASS.—Cutting, Carleton & Cutting, Architects, 44 Front Street, will rebuild lumber yards, to include brick office, dry kiln and several lumber sheds, for W. H. Sawyer Lumber Co., 66 Lincoln Street. \$50,000.

MICHIGAN

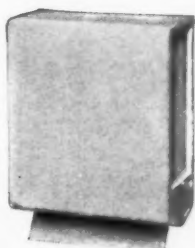
DETROIT, MICH.—Julius Berman, 1317 Dime Bank Building, proposes the construction of a forty-three apartment building to be constructed on the north side of Stimson Place.

DETROIT, MICH.—Morgan & Wright Tire Co., foot Bellevue Street, are receiving bids for building seven-story, 140 x 215 ft., brick and reinforced concrete ware-



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house, concrete foundation. Lockwood, Greene & Co., 38 South Dearborn Street, Chicago, engineers. \$75,000.

FLINT, MICH.—L. F. Sunlin is having plans prepared by G. Bachman, Architect, for building three-story, 41 x 150 ft., brick and reinforced concrete business block, to include offices, theater and shops, on South Saginaw Street. \$75,000.

GRAND RAPIDS, MICH.—H. N. Morrill, business manager, Board of Education, contemplates constructing an addition to the Madison School. H. H. Turner, Architect.

MINNESOTA

CLOQUET, MINN.—E. W. Spoor, secretary, Board of Education, will construct two stories, 62 x 80 ft. reinforced concrete steel and brick school building, on Main Street. Estimated cost \$50,000. Kelly & Shefelick, Alworth Building, Architect.

CLOQUET, MINN.—St. Andrew's Episcopal congregation will build two-story brick church on Arch Street. C. I. McNair, chairman Building Committee. \$75,000.

DULUTH, MINN.—C. A. Bronson, secretary, Board of Education, Lonsdale Building, will construct two-story school, 55 x 75 ft., reinforced concrete and brick addition to school on Seventh Street, E., reinforced concrete flooring, concrete and rock foundation, estimated cost \$70,000. Croft & Boerner, Lonsdale Building, Architects.

DULUTH, MINN.—Grace Methodist congregation plans to build two-story, 70 x 140 ft., reinforced concrete, brick and steel church on Third Street and Twenty-sixth Avenue. J. G. Schalby, pastor. \$75,000.

HIBBING, MINN.—City is having preliminary plans prepared by Holstead & Sullivan, Architects, 410 Paladia Building, Duluth, for building three-story, 100 x 150 ft., power plant. C. Foster, superintendent.

ST. PAUL, MINN.—City is having plans prepared by C. A. Hausler, engineer, City Hall, for building one-story brick memorial library on Minnehaha Avenue, east of Snelling Avenue. \$70,000.

ST. PAUL, MINN.—Silverman Bros., 150 North Concord Street, will build five-story, 75 x 120 ft., department store at 149 North Concord Street. \$75,000.

MISSOURI

FULTON, Mo.—Board of Trustees, Calloway County, is having plans prepared for building hospital here. \$75,000.

ST. LOUIS, Mo.—Bridge & Beach Stove Co., First and Valentine Streets, is having plans prepared by E. C. Klipstein, Architect, Chemical Building, for factory near Union and Natural Bridge Streets. H. C. Hoener, vice-president.

ST. LOUIS, Mo.—McQuay-Norris Mfg. Co., 2808 Locust Street, plans to build factory along Oak Hill R. R. and Cooper Street.

ST. LOUIS, Mo.—Valier-Spies Milling Co., Pierce Building, plans to build grain elevator on Marcus and Euclid Avenues. Address R. Valier. \$1,000,000.

ST. LOUIS, Mo.—S. Hamburg, Jr., manager Belt Investment Co., 2407 North Broadway, will build six-story, 115 x 465 ft., brick, reinforced concrete and steel theater, stores, on Delmar and Clara Avenues. Kennerly & Stiegmeyer, Benoist Building, Architects.

ST. LOUIS, Mo.—L. Haeger, Architect, 3844 Utah Street, has plans for constructing two-story bank, 60 x 100 ft., brick and concrete, on Grand and Hartford Avenues, for the Tower Grove Bank, at Grand and Juniata Avenues. Estimated cost \$60,000.

WEBSTER GROVE (St. Louis P. O.), Mo.—Algonquin Golf Club is having plans prepared by E. C. Klipstein, Architect, Chemical Building, St. Louis, for clubhouse. E. O. Hale, president. \$60,000.

MONTANA

BUTTE, MONT.—School Board had plans prepared by W. Smith, Architect, Butte, for building one and two-story school on Gallatin Street and Shields Avenue, to replace Jefferson School. Cost between \$65,000 and \$74,000.

HELENA, MONT.—Senate Committee on Public Buildings introduced bill in State Legislature providing for issuance of bonds for refacing main capitol building with Montana granite and remodeling and refurnishing interior. \$250,000.

NEBRASKA

INGLESIDE, NEB.—State Legislature, Lincoln, petitioned to appropriate \$125,000 to construct and equip hospital here.

OMAHA, NEB.—Iten Biscuit Co., Twelfth Street and Capitol Avenue, is having plans prepared for six-story, 120 x 132 ft., reinforced concrete addition to bakery, Twelfth and Davenport Streets. O. H. Barmettler, general manager.

OMAHA, NEB.—State Legislature plans to appropriate \$120,000 for improvements to University of Nebraska College of Medicine, Forty-second Street and Dewey Avenue. J. Latenser & Sons, 632 Bee Building, Architects.

NEW JERSEY

CAMDEN, N. J.—J. Evanson & Son, Delaware Avenue and Pennsylvania R. R., plans to rebuild factory destroyed by fire, six stories, 75 x 100 ft., brick and steel. \$150,000.

ELIZABETH, N. J.—L. F. & H. Hersch, 207 Broad Street, plan to build eight-story office, 75 x 110 ft., on Broad and East Grand Streets. \$250,000.

ELIZABETH, N. J.—U. S. Leather Co., 17 Battery Place, New York City, let contract for building two-story, 131 x 220 ft., reinforced concrete warehouse to Turner Construction Co., 244 Madison Avenue, New York City.

ELIZABETH, N. J.—Crow, Lewis & Wickenhoefer, Architects, 200 Fifth Avenue, New York City, have prepared plans for building six-story, 33 x 75 ft., reinforced concrete and brick addition on East Jersey Street for Elizabeth General Hospital. \$500,000.

GLEN RIDGE, N. J.—Borough will issue \$62,500 bonds to build memorial building, probably on Herman Street and Bloomfield Avenue. Total cost, \$125,000.

NEWARK, N. J.—L. Bamberger & Co., Halsey and Market Streets, are having plans prepared by J. Hunt, Architect, 30 North Michigan Avenue, Chicago, Ill., for building about fifteen-story reinforced concrete, steel and brick store on Market, Halsey, Bank and Washington Streets. \$1,500,000.

NEWARK, N. J.—Schofield Oil Co., Avenue R, let contract for building two-story reinforced concrete, steel and brick cooperage shop to F. Kilgus, Inc., 13 South Sixth Street. \$54,850.

NEWARK, N. J.—Y. M. H. A. is having tentative plans prepared for building club here. B. T. Greenfield, chairman Publicity Committee. \$75,000.

NEWARK, N. J.—M. J. Nadel, Architect, 15 Clinton Street, will build reinforced concrete and brick factory and loft building, reinforced concrete flooring, concrete foundation, at 359-361 Plane Street, for J. & H. Berkowitz, 93 South Orange Avenue. \$50,000.

NEWARK, N. J.—P. B. Taylor, Essex Building, will build one-story reinforced concrete and brick oil plant on Wilson Avenue, consisting of storage and office buildings, garage and stable, for American Oil & Supply Co., 52 Lafayette Street. \$100,000.

NEWARK, N. J.—Warner Bros., 270-274 Jelliff Avenue, will build two-story, 40 x 94 ft., addition to storage building. F. Grad, 245 Springfield Avenue, Architect. \$25,000.

NEW BRUNSWICK, N. J.—Howe Rubber Co., Codwise Avenue, let contract for building two-story, 76 x 106 ft., addition to plant to Turner Construction Co., 244 Madison Avenue, New York City.

SECAUCUS, N. J.—Hudson County (Jersey City) plans to build insane asylum here. J. T. Rowland, Jr., 100 Sip Avenue, Jersey City, Architect. \$600,000.

VERONA, N. J.—Board of Freeholders, Essex County, Newark, plans to build power plant. J. Green, 27 Clinton Street, Newark, Architect.

VERONA, N. J.—Board of Freeholders, Essex County, Newark, are having plans prepared by J. Green, Architect, 27 Clinton Street, Newark, for power plant here. Ruyon & Carey, 843 Broad Street, Newark, engineers.

WASHINGTON, N. J.—H. Christine, Mayor; O. Menkel and associates plan to build brick hosiery mill here. \$75,000.

NEW MEXICO

SHIPROCK, N. M.—Commissioner of Indian Affairs, Department of Interior, Washington, D. C., will construct two lavatory annexes at the Toadlena School under the jurisdiction of the San Juan School here. Cato Sells, Commissioner of Indian Affairs.

CLARE C. HOSMER, Architect



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NEW YORK

BROOKLYN, N. Y.—Peoples Trust Co., 181 Montague Street, is having plans prepared by Ludlow & Peabody, Architect, 101 Park Avenue, New York City, for four-story steel and brick bank at 230-232 Fatbush Avenue. \$75,000.

BROOKLYN, N. Y.—H. Aaron, 1205 Eastern Parkway, will build two-story, 112 x 200 ft., steel and brick garage, reinforced concrete flooring, concrete foundation, on Clason and Atlantic Avenues. \$85,000.

BROOKLYN, N. Y.—W. Goldstein, 1668 Forty-seventh Street, proposes building one-story, 100 x 100 ft., steel and brick garage, Sixth Avenue and Sixty-second Street. M. A. Cantor, 373 Fulton Street, Architect. \$25,000.

BROOKLYN, N. Y.—J. Kayser, 45 East Seventeenth Street, New York City, let contract for building one-story, 50 x 55 ft., steel and brick power house, reinforced concrete flooring, concrete foundation, on Clason Avenue, to Gaye-Hosford Construction Co., 299 Broadway, New York City. \$60,000.

BROOKLYN, N. Y.—H. J. Nurick, Architect, 951 Broadway, has plans for building two-story, 120 x 160 ft., steel and brick garage, warehouse and workshop, on Varick Street and Meserole Avenue, for J. H. Werbelovsky, 83 Meserole Avenue. \$50,000.

BROOKLYN, N. Y.—H. J. Nurick, Architect, 957 Broadway, has designed one-story, 100 x 165 ft., steel and brick warehouse, garage and workshop on Jefferson Street, Flushing and Wyckoff Avenues. \$50,000.

CANAJOHARIE, N. Y.—Beechnut Packing Co. let contract for building four-story reinforced concrete building for conserve department and two one-story buildings for manufacture of ginger ale, etc., to Aberthaw Construction Co., 27 School Street, Boston, Mass. \$25,000.

GOVERNEUR, N. Y.—Local Dairymen's League plans to build milk condensary. About \$30,000 available. Address Building Committee.

GOVERNEUR, N. Y.—Building Committee, local lodge of Foresters, plans to build theater, temple, dancing and banquet halls, etc., marble and brick, on Clinton Street here. \$50,000.

MONTAUK, L. I.—Williams-Cerster Engineering Co., 198 Broadway, New York City, were awarded contract for completing buildings at the navy yards at \$10,231.

NEW YORK, N. Y.—D. Auerbach, 638 Eleventh Avenue, is having plans prepared by Robert D. Kohn, Architect, 56 West Forty-fifth Street, for eleven-story steel and brick addition to factory, reinforced concrete flooring, concrete foundation.

NEW YORK, N. Y.—F. Holt, 165 Broadway, had plans prepared by C. B. Meyers, Architect, 1 Union Square, for three-story, 44 x 92 ft., steel and brick repair shop and showroom, reinforced concrete flooring, concrete foundation, at 240-242 East Twentieth Street. \$35,000.

NEW YORK, N. Y.—Allenby Realty Corp., 448 East 167th Street, will build one-story, 48 x 278 ft., steel and brick arage on Tremont Avenue and Boston Road, Bronx Borough. \$40,000.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, purchased site on Hamilton Place and 141st Street, Bronx Borough, and plans to build teachers' training school. C. B. J. Snyder, Municipal Building, Architect.

NEW YORK, N. Y.—Chapwin Realty Co., 32 Liberty Street, will build one-story, 18 x 200 ft., steel and brick storage building at 446 West Fifty-sixth Street. \$75,000.

NEW YORK, N. Y.—Kohler & Campbell, Eleventh Avenue and Fiftieth Street, let contract for building five-story, 50 x 300 ft., brick and steel factory on Fifty-second Street and Twelfth Avenue to J. H. Riker, 352 West Twenty-sixth Street. \$40,000.

NEW YORK, N. Y.—A. Louy Co., 511 West Twenty-first Street, let contract for building two-story, 125 x 197 ft., reinforced concrete and steel factory and garage to T. J. Murphy, 405 Lexington Avenue. \$90,000.

NEW YORK, N. Y.—A. Ruth, Third Avenue and 168th Street, will build one-story, 125 x 176 ft., steel and brick garage, Bronx Borough. \$40,000.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, will build two-story, 60 x 100 ft., steel and brick addition to P. S. No. 43, on Brown Place and 136th Street, Bronx Borough. C. B. J. Snyder, Municipal Building, Architect. \$70,000.

NEW YORK, N. Y.—City Realty Co., 176 Broadway, is having plans prepared by H. J. Krapp, Architect, 114 East Sixteenth Street, for two-story, 189 x 213 ft., steel

and brick theater at 4819-4827 Broadway, between 160th Street and Fort Washington Avenue. B. Cleveland, president. \$100,000.

NEW YORK, N. Y.—Mouquin Restaurant & Wine Co., 20 Ann Street, is having preliminary sketches prepared by W. E. Bloodgood, Architect, 681 Fifth Avenue, for restaurant at 147 Fulton Street. \$100,000.

NEW YORK, N. Y.—Uptown branch of congregation Kalvirean Sons of Israel, 82 West 119th Street, is having plans prepared by Sommerfield & Steckler, Architects, 31 Union Square, for one-story synagogue, 34 x 100 ft., steel and brick. \$50,000.

OSWEGO, N. Y.—Board of Education plans to build school. J. M. Hurley, City Clerk. \$75,000.

TROY, N. Y.—Mohican Co., 280 Broadway, New York City, proposes building three or four-story, 56 x 100 ft., steel and brick market at 361 River Street here. Cost between \$100,000 and \$150,000.

WARDS ISLAND, N. Y.—State Hospital Commission, Albany, will construct three-story, 22 x 114 ft. brick, steel and reinforced concrete building at the State Hospital here. Estimated cost \$100,000. F. L. Pilcher, Capitol Building, Albany, State Architect.

WATERTOWN, N. Y.—Northern New York Trust Co., 118 Washington Street, plans to reface and remodel three-story, 30 x 100 ft., brick building adjoining its present office into bank. Cost between \$50,000 and \$60,000.

WATERTOWN, N. Y.—C. R. Robinson, H. Gurnee, Ives Street Road, Watertown, and R. H. Gantor, formed committee to organize company to build milk plant and distributing station. \$40,000.

WATERTOWN, N. Y.—Weldon Sales Co., 483 Court Street, plans to build concrete and steel garage on Factory Street to cost between \$50,000 and \$60,000. J. J. Weldon, president.

WOODHAVEN, N. Y.—W. T. McCarthy, Architect, 16 Court Street, Brooklyn, has plans to build two-story, 50 x 95 ft., steel and brick factory, Atlantic and Freedom Avenues, for American Tool & Dye Co., Lexington Avenue, Brooklyn. \$25,000.

NORTH CAROLINA

WILSON, N. C.—Wilson County plans election to vote on \$50,000 bond issue to build home here.

NORTH DAKOTA

BISMARCK, N. D.—State plans to build Governor's Mansion here. \$140,000.

FARGO, N. D.—City plans to build three garages to cost from \$50,000 to \$100,000 each. A. R. Watkins, auditor.

WAHPETON, N. D.—Department of the Interior, Office of Indian Affairs, Washington, D. C., will construct school house and assembly hall at the Wahpeton School.

OHIO

ALLIANCE, OHIO.—City will hold election March 18 to vote on \$200,000 bond issue to build electric light and power plant.

CINCINNATI, OHIO.—Dixie Terminal Co., First National Bank Building, will build nine and ten-story, 150 x 180 ft., office and store on Fourth and Walnut Streets. Garber & Woodward, Union Century Building, Architects. \$750,000.

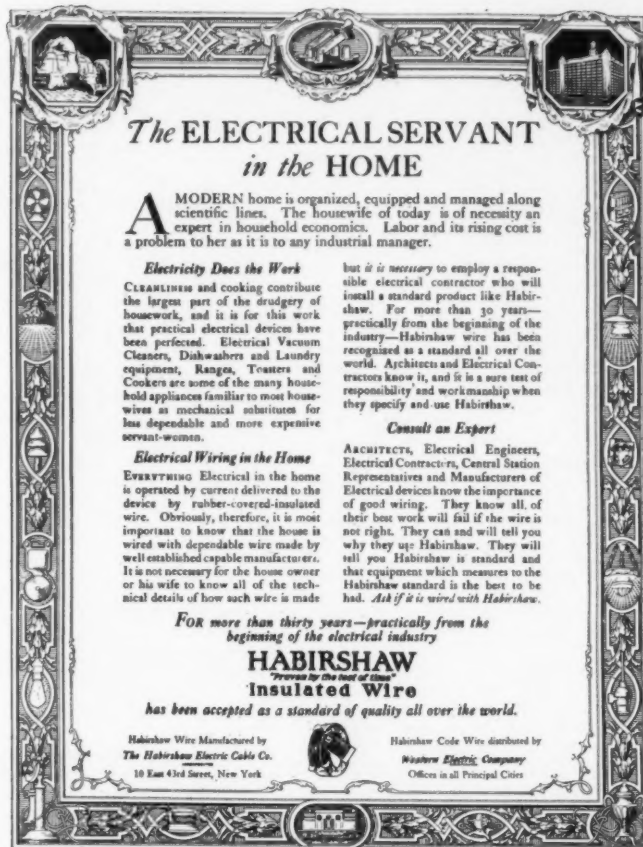
CLEVELAND, OHIO.—Beckman Co., Fulton Road, is having plans prepared by Lockwood, Greene & Co., Architects, 38 South Dearborn Street, Chicago, for two-story brick and reinforced concrete factory. \$175,000.

CLEVELAND, OHIO.—City plans to build brick, steel and reinforced concrete memorial building for soldiers and sailors, reinforced concrete flooring and concrete foundation, on Lakeside and Ontario Avenues. Address M. Berstein, 1442 East 105th Street. \$300,000.

CLEVELAND, OHIO.—J. Grossman, care of Standard Theater Co., East Ninth and Prospect Streets, plans to build six-story theater and office, 75 x 196 ft., brick, steel and reinforced concrete, on Euclid Avenue, near East 197th Street. \$300,000.

CLEVELAND, OHIO.—W. R. McCormack, Architect, E. Sixth Street and Rockwell Avenue, has plans for constructing one-story brick, steel and reinforced concrete school on East 146th Street, near Kinsman Road. Estimated cost \$200,000.

CLEVELAND, OHIO.—J. L. Free, 1005 Prospect Avenue, is having plans prepared by M. Dunning, Architect, 1005 Prospect Avenue, for two and three-story, 80 x 200 ft., brick and steel mercantile building on Prospect Avenue and East Twenty-first Street. \$200,000.



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stallations made by electrical contractors and hundreds of thousands of electrical devices sold by dealers.

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"Consult an Expert" is almost a slogan in our national publicity. It works hard for the capable men in the electrical industry who know their business, hold to fair prices and first quality materials in every detail.

CLEVELAND, OHIO.—D. R. Hanna, 511 Leader News Building, plans to build sixteen to eighteen-story, 199 x 210 ft., brick, steel and reinforced concrete office on East Fourteenth Street and Euclid Avenue.

WEST UNITY, OHIO.—Board of Education had plans prepared by Howard & Merriam, Architects, 8 East Broad Street, Columbus, for building three-story, 70 x 130 ft., brick and concrete school. \$120,000.

WHITEHOUSE, OHIO.—Board of Education of Whitehouse, Lucas County, Village School District, will construct brick and stone school building. Howard & Merriam, Architects, 8 E. Broad Street, Columbus, Ohio.

OREGON

ASTORIA, ORE.—Astoria Pulp & Paper Co. plans to build paper mill on Eleventh Street and Taylor Road. Blake-McFall Co., Third and Ankeny Streets, Portland, interested. \$250,000.

PORTLAND, ORE.—Astoria Flour Mills, Astoria, plans to build flour mill here, 3000-bbl. capacity. L. C. McLeod, Astoria, manager.

PORTLAND, ORE.—Pacific International Livestock Association plans to build exposition building on 7½-acre site, consisting of 200 x 300 ft. amphitheater, with 100 x 200 ft. show ring, etc. O. M. Plummer, manager, Chamber of Commerce. \$250,000.

PENNSYLVANIA

BLAIRSVILLE, PA.—S. R. Richard, Altoona, plans to build hospital and group institutional buildings, near here, consisting of administration buildings, reservoir, auditorium, nurses' homes, sewage disposal plant and morgue. F. McCrooks, Jones Law Building, Pittsburgh, Architect. G. S. Idell, 34 South Sixteenth Street, Philadelphia, Consulting Architect.

BOYERTOWN, PA.—Boyertown Burial Casket Co., 1211 Arch Street, Philadelphia, plans to build one-story, 100 x 200 ft., reinforced concrete and steel addition to wood-working plant. \$60,000.

CHESTER, PA.—Chester Shipbuilding Co., Kerlin Street, plans to build two-story, 37 x 120 ft., shop. \$25,000.

CLIFTON HEIGHTS, PA.—Clifton Yarn Mills let contract for building three-story, 65 x 130 ft., brick mill to Barclay, White & Co., 1713 Sanson Street. \$60,000.

MCKEES ROCKS, PA.—Pittsburgh Ry. Co., 435 Sixth Avenue, Pittsburgh, plans to build addition to power house here, also new station at Castle Shannon and new tracks at various points. F. Uhlenhart, chief engineer.

NORTH WALES, PA.—North Wales Machine Co., Elm Street, plans to rebuild machine shop recently destroyed by fire with a loss of \$25,000.

PHILADELPHIA, PA.—H. C. Derby Co., 425 Fairmount Avenue, let contract for building two-story, 20 x 95 ft., addition to packing plant, reinforced concrete, to J. Sims Wilson Co., 1125 Brown Street. \$25,000.

PHILADELPHIA, PA.—F. V. Nichols, Architect, 4400 Manayunk Avenue, will build four-story, 68 x 106 ft., brick hotel on Darien and Catherine Streets for F. Palumbo. \$60,000.

PITTSBURGH, PA.—First Baptist congregation, Bellefield Avenue, plans to build community house and swimming pool. \$350,000.

SHAMOKIN, PA.—H. McCloy, 711 North Shamokin Street, purchased site on Commerce Street and plans to build three-story brick ice cream plant.

SHARON, PA.—Sharon Motor Co. plans to build garage on Shenango Street, between Silver and Pitt Streets. \$40,000.

TARENTUM, PA.—Y. M. C. A., 117 East Seventh Avenue, plans campaign to raise \$50,000 to construct additional building, including swimming pool.

RHODE ISLAND

NEWPORT, R. I.—City plans to build auditorium and memorial hall on Thames Street. F. P. Fullerton, Clerk.

PAWTUCKET, R. I.—City plans to build memorial building and auditorium. H. A. Fuller, Clerk. \$100,000.

PAWTUCKET, R. I.—St. Jean Baptist congregation, 39 Quincy Avenue, receives bids in spring for rebuilding brick and stone church on Quincy Avenue, to replace building recently destroyed by fire. \$100,000.

PROVIDENCE, R. I.—G. Lafidian, 261 Plain Street, proposes building one-story, 47 x 80 ft., brick garage on Plain Street. \$25,000.

PROVIDENCE, R. I.—Maine Creamery Co., 69 Broadway, let contract to alter present creamery and build one-story, 35 x 150 ft. and 30 x 60 ft., brick and timber

addition on Bath Street, to be used for garage, stable and office, etc., to E. H. Bigney, 17 Custom House Street. \$45,000.

WOONSOCKET, R. I.—Narragansett Mills, recently organized, Sayles Street, plans to build plant here.

SOUTH CAROLINA

CHARLESTON, S. C.—R. L. Riggs, 4 Broad Street, is having preliminary plans prepared by J. D. Newcomer, Architect, 32 Broad Street, for three-story, 159 x 179 ft., reinforced concrete garage, salesrooms, repair shops and storage building. \$100,000.

CHARLESTON, S. C.—Sattile Cadillac Co., 261 Meeting Street, is having plans drawn by J. D. Newcomer, Architect, 32 Broad Street, for two-story, 100 x 120 ft., reinforced concrete garage, showrooms, storage building and repair shop on Meeting Street. \$50,000.

UTAH

OGDEN, UTAH.—Utah Packing Corp., Eccles Building, plans to build packing plant. A. J. Hall, president. \$200,000.

OGDEN, UTAH.—City and Weber County are having plans prepared by C. Woods, Architect, First National Bank Building, for reinforced concrete and steel office building, containing offices, courts, library, jail and auditorium. \$250,000.

VIRGINIA

HAMPTON ROADS, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct grandstand and bleacher at the naval operating base here. Total estimated cost \$64,500.

PETERSBURG, VA.—J. L. Robinson Construction Co., Baltimore, Md., awarded contract for improvements to the post office in this city.

WEST VIRGINIA

ELKINS, W. VA.—Trustees of Davies and Elkins College plan to build group of college buildings to include science hall, auditorium, gymnasium, laboratory, etc.

MARTINSBURG, W. VA.—City will vote on March 25 on \$75,000 bond issue to build two-story brick school.

MARTINSBURG, W. VA.—Supervising Architect, Treasury Department, Washington, D. C., will construct U. S. post office here.

WISCONSIN

JANESVILLE, WIS.—Samson Tractor Co., division of General Motors Corp., 88 East Congress Street, Detroit, Mich., plans to build second unit of its plant here, 200 x 500 ft. J. A. Craig, general manager.

LA CROSSE, WIS.—Bentley & Merman, Architects, Linker Building, have plans for building two-story, 60 x 60 ft., reinforced concrete, brick and steel plant on Front and Main Streets for Tri-State Ice Cream Co. \$60,000.

MANITOWOC, WIS.—Manitowoc Plating Works, 1022 South Tenth Street, is having plans prepared by Pitz & Peltz, engineers, Eighth and Jay Streets, for building one-story, 50 x 100 ft., plant.

OSHKOSH, WIS.—Challoner Co., 29 Osceola Street, plans to build two-story, 70 x 220 ft., mill construction addition to its plant. \$75,000.

SUPERIOR, WIS.—City plans to build two-story auditorium, 100 x 140 ft. \$100,000. E. B. Banks, City Engineer.

SUPERIOR, WIS.—City will build school, 80 x 200 ft., with wing, one-story, 56 x 70 ft., on Twenty-first Street, between Lamborn and Weeks Streets. Tweed & Kerr, 534 Metropolitan Bank Building, Minneapolis, Minn., engineers. \$200,000.

SUPERIOR, WIS.—Royal Order of Moose plans to build hall. \$50,000.

SUPERIOR, WIS.—Sacred Heart Cathedral plans to build church and school. V. Meagher, 1201 Hughitt Avenue, pastor. \$150,000.

WASHBURN, WIS.—Anchor Co. plans to build ship-building plant, to include 120 x 200 ft. machine shop, 160 x 300 ft. punch and blacksmith shops, and 55 x 270 ft. forge and foundry.

WAUWATOSA, WIS.—Board of Education will build two-story concrete, brick and steel grade school on Wauwatosa Avenue. E. O. Kuenzli, 151 Warren Avenue, Architect. \$50,000.

WEST ALLIS (MILWAUKEE P. O.), WIS.—Allis-Chalmers Mfg. Co., West Allis Street, Milwaukee, had plans prepared for building 110 x 320 ft. tractor plant.



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BUILDING NEWS

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ALABAMA

ALBANY, ALA.—Board of Education plans to build high school. \$150,000.

BIRMINGHAM, ALA.—City plans to issue \$3,000,000 bonds. Part proceeds will be used for rebuilding Central High School, also building high school in eastern end of city. J. Kendrick, City Engineer.

ARIZONA

HUMBOLDT, ARIZ.—A. H. Nelson, clerk Board of Education, proposes building school here. R. N. Lamberth, Hotel St. Michael, Prescott, Architect.

HUMBOLDT, ARIZ.—Board of Trustees, Humboldt School District No. 22, Yavapai County, Ariz., will construct public school building. A. H. Nelson, clerk, Board of Trustees. R. N. Lanworth, Architect, Hotel St. Michael, Prescott, Ariz.

TUCSON, ARIZ.—University of Arizona plans to build twelve new buildings and additions to dormitories, dining hall and library. \$425,000.

CALIFORNIA

CUTLER, CAL.—National Bank of Cutler let contract to build brick and concrete bank and store building to R. Pedersen & Co., Fresno. \$150,000.

EL CENTRO, CAL.—T. O. Lockett, W. L. Lyon and associates plan to build hospital here. \$60,000.

FRESNO, CAL.—Madray Planing Mill Co., Kern and H Streets, will build one-story, 150 x 280 ft., reinforced concrete planing mill on Santa Clara and H Sts. \$200,000.

FRESNO, CAL.—San Joaquin Light & Power Co., H and Tulare Streets, will rebuild 20,000-hp. reinforced concrete hydroelectric plant on San Joaquin River, near Macy Flat, to cost \$1,750,000. Other work to cost \$55,000,000.

GLENDALE, CAL.—Holy Family congregation is having plans prepared by A. C. Martin, Architect, 430 Higgins Building, Los Angeles, for group consisting of church, school, parish house, guild hall, etc., large building of brick, others frame construction, reinforced concrete flooring, concrete foundation, on Louise Street and Lomita Avenue. \$100,000.

LOS ANGELES, CAL.—Board of Education, Security Building, is having plans prepared by W. J. Bliesner, Architect, 223 South Flower Street, for brick gymnasium at Polytechnic High School. \$75,000.

LOS ANGELES, CAL.—F. T. Woodman, Mayor, appointed committee to formulate plans for civic center, to include city hall, library, police headquarters, etc. W. Mulholland, chief engineer Public Service Department, chairman. \$10,000,000.

LOS ANGELES, CAL.—A. Pantages, Pantages Building, will build eight-story, 150 x 150 ft., reinforced concrete, steel and brick theater, office and store, Seventh and Hill Streets. \$600,000.

MERCED, CAL.—Merced Union High School District is having plans prepared by Allison & Allison, Architects, Iberian Building, Los Angeles, for constructing group of one and two-story brick buildings, consisting of academic administration and assembly building, domestic science, manual training and commerce building, power house and gymnasium. \$130,000.

OAKLAND, CAL.—Oakland Labor Temple Association plans to build ten-story temple and hotel on Broadway, between Seventeenth and Eighteenth Streets. G. C. Davis, manager. \$700,000.

SAN DIEGO, CAL.—Naval Public Works Office, Timken Building, San Diego, will construct seven permanent barracks at the Marine Brigade Post on Dutch Flats. The buildings will be reinforced concrete, hollow tile construction. \$1,000,000.

SAN JOSE, CAL.—Producers Warehouse Co. plans to build addition to warehouse. \$200,000.

COLORADO

BRIGHTON, COL.—National Beet Harvester Co. plans to build factory and foundry here. \$30,000.

DENVER, COL.—Albany Hotel Co., Seventeenth and Stout Streets, plans to rebuild hotel. S. R. Dutton, manager. \$500,000.

DENVER, COL.—City and Denver County plan election to vote on \$1,500,000 bond issue for building city and country administration building, courthouse and county hospital.

CONNECTICUT

BRIDGEPORT, CONN.—Progressive Building Co., 1215 Main Street, will build four-story, 72 x 125 ft., brick and concrete apartment hotel on Lafayette and Liberty Streets. \$150,000.

HARTFORD, CONN.—City is having plans prepared by Whiton & McMahon, Architects, 36 Pearl Street, for building public market on Connecticut Boulevard. R. J. Kinsella, Mayor and chairman of Commission. \$100,000.

HARTFORD, CONN.—Supervising Architect, Treasury Department, Washington, D. C., authorizes extending and enclosing mailing platform at the United States Post Office and Custom House here.

MIDDLETOWN, CONN.—State Legislature, Hartford, petitioned to appropriate \$250,000 to build state armory here.

NEW HAVEN, CONN.—C. W. Ratner, 1476 Chapel Street, will build four-story, 90 x 101 ft., brick, reinforced concrete and steel apartment hotel on Chapel Street and Winthrop Avenue. \$90,000.

NEW HAVEN, CONN.—Grace Hospital Association, 1418 Chapel Street, proposes erecting five-story, 100 x 140 ft., brick, steel and reinforced concrete hospital on Orchard Street. C. S. Palmer, 191 Church Street, Architect. \$250,000.

NEW HAVEN, CONN.—Pallotti, Andretta Co., 630 Chapel Street, will build three-story, 76 x 90 ft., brick, steel and concrete bank building on Olive and Chapel Streets. D. Guerriero, 630 Chapel Street, Architect. \$100,000.

NORWALK, CONN.—Norwalk Realty & Improvement Co., care of M. N. Maychoff, 31 West Avenue, is having plans prepared by G. F. Shepard, Architect, 14 Kilby Street, Boston, for building brick and steel hotel, concrete foundation, on Wall Street. \$100,000.

STAMFORD, CONN.—Stamford Extract Mfg. Co., Cove Road, plans to rebuild manufacturing plant recently destroyed by fire with loss of about \$900,000.

WATERBURY, CONN.—Board of Health proposes building two-story brick, steel and reinforced concrete isolation hospital on Watertown Avenue. Cross & Cross, 681 Fifth Avenue, New York City, Architects. \$200,000.

ILLINOIS

BLUE ISLAND, ILL.—American Wire Fabrics Co., 208 South La Salle Street, Chicago, purchased site near here and plans to build large plant. \$1,000,000.

CHICAGO, ILL.—Passevant Memorial Hospital, 149 West Superior Street, plans to build hospital. \$1,000,000.

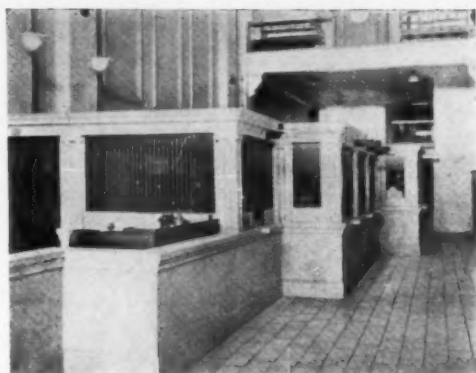
CHICAGO, ILL.—J. Vogelsang, 177 West Madison Street, proposes building seventeen-story, 85 x 189 ft., hotel and restaurant on Madison Street, near Wells Street. Holabird & Roche, 104 South Michigan Avenue, Architects. \$1,000,000.

CHICAGO, ILL.—Holabird & Roche, Architects, 104 South Michigan Avenue, have plans for building six-story, 27 ft. 9 in. x 108 ft., brick and steel store and office, at 127-129 South State Street here for L. E. Waterman & Co., 191 Broadway, New York City. \$175,000.

CHICAGO, ILL.—Mundie & Jensen, Architects, 39 South La Salle Street, have prepared plans for one-story, 133 x 520 ft., brick factory on Forty-seventh and Whipple Streets for J. S., H. C. and H. Phipps, 787 Fifth Avenue, New York City. Marshall Field Co., 22 East Washington Street, lessee. \$225,000.

GILLESPIE, ILL.—J. W. Kennedy, Architect, Cahokia Building, East St. Louis, has plans for building two-story, 140 x 154 ft., brick and reinforced concrete high school for Board of Education. \$125,000.

WOODRIVER, ILL.—J. W. Kennedy, Architect, Cahokia Building, East St. Louis, has designed a two-story, 90 x 150 ft., brick and reinforced concrete high school for Board of Education. \$90,000.



Chas. E. Bearden, Architect.
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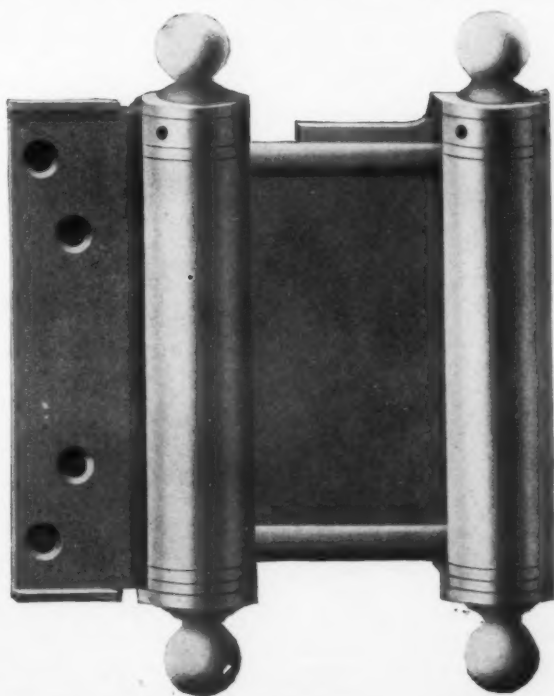
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INDIANA

DECATUR, IND.—Old Adams County Bank is having plans prepared by C. R. Weatherhogg, Architect, Hamilton Bank Building, Fort Wayne, for bank building here. \$65,000.

ELKHART, IND.—Board of Education plans election to vote on \$120,000 bonds to build new school.

GARY, IND.—The Methodist Episcopal Hospital Board of Indianapolis is contemplating the construction and equipment and operation of a \$260,000 hospital on a site here which has been given by the Gary Land Co.

IOWA

BLOOMFIELD, IOWA.—Davis County Red Cross plans campaign to build county memorial for soldiers. \$100,000.

COUNCIL BLUFFS, IOWA.—Independent School District will hold election to vote on \$100,000 bonds to purchase site and build school. R. H. Williams, secretary.

DAVENPORT, IOWA.—Standard Oil Co., 715 Federal Street, proposes building oil filling station on Fourth and Warren Streets. A. Flanigan, assistant manager.

SIoux CITY, IOWA.—Willis M. Pritchard, County Auditor, will construct county home building and boiler house on county home site, three stories and basement, brick structure main building. Wm. L. Steele, 502 United Bank Building, Sioux City, Iowa, Architect. \$150,000.

WASHINGTON, IOWA.—United Presbyterian congregation let contract for building two-story brick church to Shrader, Worlary & McKeane, Washington. \$50,000.

KENTUCKY

LEXINGTON, KY.—Burley Tobacco Co. plans to build 160 x 800 ft. warehouse here. C. Lebus, president. \$100,000.

MARYLAND

BALTIMORE, MD.—Johns Hopkins University received anonymous gift of about \$400,000 to build three-story brick and steel woman's clinic as an adjunct to hospital on North Broadway. Archer & Allen, Central Savings Bank Building, Architects.

BALTIMORE, MD.—J. Freund, Jr., Architect, 16 East Biddle Street, has plans to construct four-story reinforced concrete, brick and steel addition to bakery, 50 x 143 ft., four stories, on North Gay Street, for City Baking Co., Equitable Building. Total estimated cost, \$50,000.

BALTIMORE, MD.—City Council contemplates purchasing site at Fayette and Asquith Streets to build school, also establishing park adjoining school. Total cost, \$250,000.

CHESTERTOWN, MD.—Third National Bank purchased site on High and Cross Streets and plans to build 85 x 100 ft. steel, brick and concrete bank, office and store building. Address A. L. Sparks, Chestertown. \$75,000.

ST. HELENA (BALTIMORE P. O.), MD.—Raymond Concrete Pile Co., 922 Munsey Building, Baltimore, will build one-story reinforced concrete, steel and brick ship repairing and concrete pile casting plant on Colgate Creek. \$100,000.

TEXAS, MD.—Commissioners of Baltimore County, Towson, are having plans prepared by W. H. Emory, Jr., Architect, 827 Munsey Building, Baltimore, for concrete, steel and brick almshouse. Cost between \$75,000 and \$100,000.

MASSACHUSETTS

CAMBRIDGE (BOSTON P. O.), MASS.—H. Harlow, Architect, 101 Tremont Street, Boston, will build four-story brick, steel and concrete apartment hotel for F. S. Harlow, care of Architect. \$100,000.

CHELSEA (BOSTON P. O.), MASS.—Griffin Wheel Co., 42 Gerrish Avenue, has awarded contract for building one-story brick, steel and concrete foundry, machine shop, core room, cleaning room, etc., to F. F. Jonesberg Co., 294 Washington Street, Boston. \$300,000.

DORCHESTER (BOSTON P. O.), MASS.—Upham Market Co. had plans prepared by W. Bacon, Architect, 27 Kilby Street, Boston, for two-story market, 84 x 117 ft., reinforced concrete, on Ramsey Street here. \$100,000.

HOLYOKE, MASS.—Board of Education had plans prepared by G. P. B. Alderman & Co., Architects, 437 High Street, for building two-story brick, steel and reinforced concrete school. \$275,000.

LOWELL, MASS.—Standard Oil Co., 50 Congress Street, plans to build garage and office on Main and Canada Streets. \$80,000.

WORCESTER, MASS.—M. Barski, 21 Green Street, let contract for building one-story, 134 x 200 ft., brick and

concrete garage on Green Street to Federal Engineering Co., 518 Main Street. \$50,000.

WORCESTER, MASS.—B. Press, 1 Granite Street, is having plans prepared by E. T. Chapin, Architect, 340 Main Street, for building one-story, 50 x 90 ft., brick and reinforced concrete garage on Vernon Street. \$25,000.

WORCESTER, MASS.—Board of Education plans to build addition to high school on Irving Street, to contain gymnasium, administration rooms, etc.

MICHIGAN

BESSEMER, MICH.—Arthur Lintleman, secretary Board of Education, will construct fireproof school building. C. J. Anderson, Architect, Ironwood, Mich.

DETROIT, MICH.—Heyn's Bazaar, 147 Woodward Avenue, is having plans prepared by A. Kahn, Architect, Marquette Building, for eight-story, 40 x 100 ft., brick, steel and reinforced concrete store on Woodward Avenue. E. Heyn, president.

DETROIT, MICH.—E. Kern Co., Woodward and Gratiot Avenues, is having preliminary plans prepared by Smith, Hinchman & Grylls, Architects, 710 Washington Arcade, for eight-story, 94 x 100 ft., brick, steel and concrete store.

DETROIT, MICH.—Book Estate is having preliminary plans prepared for five-story, 60 x 100 ft., office on Washington Boulevard and Grand River Avenue. H. S. Ellington, 1225 Book Building, engineer.

DETROIT, MICH.—Holley Carburetor Co., 145 East Willis Avenue, is having plans prepared by A. Kahn, Marquette Building, for one- and two-story, 60 x 224 ft. and 40 x 94 ft., brick and reinforced concrete factory on Epworth Boulevard and Vancouver Street.

DETROIT, MICH.—J. G. Kastler, Architect, Chamber Commerce Building, has plans to build two-story, 50 x 180 ft., brick, concrete and steel garage on Chene Street and East Grand Boulevard.

DETROIT, MICH.—Newcomb-Endicott Co., 190-200 Woodward Avenue, let contract for twelve-story, 60 x 110 ft., steel building on Woodward and Grand River Avenues, to Batchelder-Wasmund Co., Jefferson Avenue, W.

EAST LANSING, MICH.—State Legislature, Lansing, petitioned to appropriate \$300,000 to build library at Michigan Agricultural College here.

FLINT, MICH.—Board of Education is having plans prepared by Malcolmson & Higginbotham, Architects, 404 Moffat Building, Detroit, for two-story brick and concrete grade school for Union School District. \$200,000.

GRAND RAPIDS, MICH.—C. A. Connor Ice Cream Co., Owosso, plans to build plant here. \$150,000.

LANSING, MICH.—Board of State Auditors, Lansing, soon receives bids for office building here. \$1,000,000.

PORTLAND, MICH.—C. L. Crane, secretary Board of Education, will construct high school building. Thos. E. White, Architect, Lansing, Mich.

MINNESOTA

DULUTH, MINN.—City plans to build four-story reinforced concrete, brick and steel hall on West First Street. L. A. Ayres, City Hall, engineer. \$1,000,000.

FARIBAULT, MINN.—State Board of Control, State House, St. Paul, plans to build epileptic colony here. \$150,000.

HIBBING, MINN.—C. Foster, engineer, care of Hibbing Power & Light Co., proposes building three-story, 104 x 158 ft., power house, reinforced concrete, brick and steel, on Main Street. Holstead & Sullivan, Palladia Building, Duluth, Architects. \$150,000.

MANKATO, MINN.—Eckman Bros. are having plans prepared by H. C. Gerlach, Architect, Mankato, for two-story, 30 x 50 ft., garage, 17 x 40 ft. office, 10 x 15 ft. stockroom and 50 x 88 ft. workshop.

ST. CLOUD, MINN.—Standard Oil Co., Fourth and Oak Streets, Minneapolis, expects to build one-story, 40 x 150 ft., filling station; one-story, 40 x 80 ft., barn, and two-story, 30 x 118 ft., warehouse here. \$100,000.

MISSOURI

JEFFERSON CITY, Mo.—St. Mary's Hospital plans to rebuild hospital recently destroyed by fire. \$150,000.

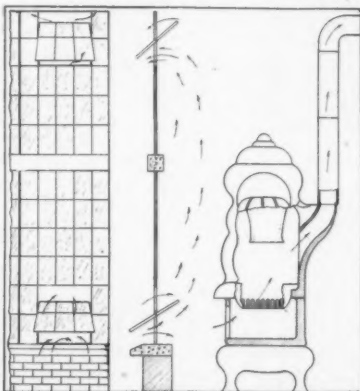
ST. LOUIS, Mo.—Corporation is being formed to build terminal building on river front, modeled after Bush Terminal of Long Island. E. Gengenbach, Chamber of Commerce, engineer. \$5,000,000.

ST. LOUIS.—A. B. Groves, Architect, Merchants Exchange Building, has plans for one-story, 120 x 260 ft.,

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reinforced concrete addition to factory for Bemis Bag Co., 601 South Fourth Street. \$100,000.

ST. LOUIS, Mo.—Missouri Farmers Association, care of A. Dunlap, representative, Gallatin, plans to build flour mill here. \$350,000.

NEVADA

WINNEMUCCA, NEV.—Commissioners of Humboldt County are having plans prepared by F. J. De Longchamps, Architect, Nixon Building, Reno, for building two-story reinforced concrete and stone courthouse. \$150,000.

NEW JERSEY

JERSEY CITY, N. J.—Board of Freeholders, Hudson County, is having plans prepared by E. Rowland, Architect, 100 Sipp Avenue, for new insane asylum. \$200,000.

NEWARK, N. J.—Newark Athletic Club, Ordway Building, had tentative plans prepared for building ten-story, 100 x 125 ft., concrete, steel and brick club. \$600,000.

NEWARK, N. J.—H. & J. Kruvant, 31 Walnut Street, let contract for building five-story, 68 x 150 ft., concrete, steel and brick hotel at 24-26 Park Street, to H. Kruvant, 189 Bloomfield Avenue. \$300,000.

UNION, N. J.—The Board of Education is contemplating the construction of a school building, brick and reinforced concrete construction, 190 feet and 4 inches by 105 feet and 5 inches. Joseph D. Lugosch, Architect. Weehawken, N. J. J. Byers Holbrook, engineer, New York City. \$300,000.

WASHINGTON, N. J.—H. Christine, mayor, O. Menkel and associates build two-story, 48 x 140 ft., brick hosiery mill. \$100,000.

WEEHAWKEN, N. J.—Township Commission plans to build new municipal building. \$150,000.

NEW YORK

ALBANY, N. Y.—State Legislature, Capitol, petitioned to acquire site and build Senate and Assembly office.

BROOKLYN, N. Y.—Bushwick Maternity Hospital, 761 Bushwick Avenue, proposes building four-story, 75 x 100 ft., steel and brick hospital on Bushwick Avenue and Cedar Street. Carlson & Wiseman, 226 Henry Street, Architects. \$70,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, has plans for building P. S. No. 29, five stories, 118 x 192 ft. steel and brick, on Henry and Harrison Streets. C. B. J. Snyder, Municipal Building, New York City, Architect. \$543,474.

FAR ROCKAWAY, N. Y.—T. W. Lamb, Architect, 644 Eighth Avenue, New York City, has prepared plans for building one-story, 44 x 250 ft., steel and brick theater on Central Avenue for Far Rockaway Strand Theater Co., Forty-seventh Street and Broadway, New York City. \$100,000.

LAKE PLACID, N. Y.—Bowman Hotel Co., 405 Lexington Avenue, New York City, plans to build ten-story hotel on Grand View Hill. \$300,000.

MANLUS, N. Y.—St. John School is having plans prepared by J. M. Scrafford, Architect, for building additional barracks. W. Verbeck, president. \$100,000.

NEW YORK, N. Y.—H. Jaeckel & Sons, 16 West Thirty-second Street, will build six-story, 25 x 155 ft., brick and steel addition at 546 Fifth Avenue. Starrett & Van Vleck, 8 West Fortieth Street, Architects. \$75,000.

NEW YORK, N. Y.—Eagle Pencil Co., 703 East Thirtieth Street, is having plans prepared by Buchman & Kahn, Architects, 56 West Forty-fifth Street, for six-story, 75 x 200 ft., reinforced concrete addition on Avenue D, between Thirteenth and Fourteenth Streets.

NEW YORK, N. Y.—Brown Bros. & Co., 59 Wall Street, let contract for building four-story, 44 x 88 ft., steel and brick bank at 81-83 Beaver Street to Marc Eidlitz & Son, 30 East Forty-second Street. \$150,000.

NEW YORK, N. Y.—M. A. Hoyt, 28 East Thirty-sixth Street, let contract for altering office building at 40-44 Pine Street into bank, brick and limestone, to Marc Eidlitz & Son, 30 East Forty-second Street. Mercantile Bank of America, 38 Pine Street, lessee. \$300,000.

NEW YORK, N. Y.—New York Stock Exchange, Broad Street, let contract for altering three-story brick and steel bank at 170 Broadway to G. Richter, 100 William Street. Zimmerman & Forshay, 9 Wall Street, lessees. \$50,000.

NEW YORK, N. Y.—Daughters of Jacob, 157th Street, Findlay and Tuller Avenues, let contract for building

five-story home, 100 x 150 ft., steel and brick, in Bronx Borough, to G. R. Davis & Co., 30 East Forty-second Street. \$600,000.

NEW YORK, N. Y.—E. K. Stalle Estate let contract for building thirty-story, 51 x 99 ft., steel and brick addition to office on Forty-second Street, between Broadway and Seventh Avenue, to Subway Central Building Corporation, 1482 Broadway. \$1,500,000.

NEW YORK, N. Y.—B. W. Levitan, Architect, 7 West Forty-fifth Street, receives bids about Feb. 28 for building two-story, 100 x 171 ft., steel and brick garage on Lenox Avenue between 110th and 11th streets for Swartout Realty Co., 26 West Thirty-first Street. \$200,000.

NEW YORK, N. Y.—Pictorial Review Co., 222 West Thirty-ninth Street, is having plans prepared for twelve-story, 107 x 147 ft., brick and steel printing plant on Seventh Avenue and Thirty-ninth Street. Renwick, Aspinwall & Tucker, 8 West Fortieth Street, Architects. \$1,000,000.

SYRACUSE, N. Y.—Board of Education let contract for building three-story school, 100 x 150 ft., steel and brick, on Madison Avenue and Walnut Street, to Schaefer Construction Co., 5 West Thirty-first Street, New York City. \$230,000.

SYRACUSE, N. Y.—Syracuse Trust Co., 328 South Warren Street, plans to expend between \$50,000 and \$100,000 for converting present buildings at 509-511 North Salina Street into bank; also build new quarters in South Genesee Street.

SYRACUSE, N. Y.—Onondaga Milk Producers Co-operative Association plans to build concrete and steel milk condensary. Address C. L. Amos, 1204 James Street, director. \$150,000.

SYRACUSE, N. Y.—Overland Syracuse Co., East Genesee Street, plans to build three-story, 96 x 100 ft., brick service station to replace present building on Grape Street; also build third story to existing building on East Genesee Street.

UTICA, N. Y.—Wilmer & Vincent 1451 Broadway New York City are having plans prepared by E. C. Horn & Sons Architects 1476 Broadway New York City, to alter existing building and construct three-story, 75 x 100 ft., addition to same, on Bleacher Street. \$100,000.

WHITESBORO, N. Y.—Board of Education will construct new school building. H. B. Cary, clerk Board of Education, 103 Main Street, Whitesboro.

NORTH CAROLINA

WINSTON SALEM, N. C.—Hanes Rubber Co. plans to extend plant here, including construction of warehouses and forty cottages. Lockwood, Greene & Co., Healy Building, Atlanta, Ga., engineers.

NORTH DAKOTA

GRAND FORKS, N. D.—J. Kavanaugh is having plans prepared by Buechner & Orth, Architects, Minneapolis, Minn., for three-story brick theater on De Mers Avenue. \$100,000.

OHIO

CLEVELAND, OHIO.—City is having plans prepared by F. H. Betz, Architect, City Hall Building, for three two-story brick, steel and reinforced concrete fire stations, one on East 187th Street and Nottingham Road, to cost \$75,000; one on West Sixty-fifth Street and Denison Avenue and one on East 131st Street and Corlett Avenue, to cost \$60,000 each.

CLEVELAND, OHIO.—East Ninth Street Euclid Co., care of C. H. Beardslee, East Ninth Street and Euclid Avenue, plans to remodel eight-story, 70 x 163 ft., building at above address into office. \$100,000.

CLEVELAND, OHIO.—City is having plans prepared by F. H. Betz, Architect, City Hall Building, for two-story brick, steel and reinforced concrete police station on West One Hundredth Street and Denison Avenue, also one on East 131st Street and Corlett Avenue. \$75,000 each.

CLEVELAND, OHIO.—Rialto Amusement Co., care of P. E. Essick, Stork Theater, West Twenty-fifth Street and Lorain Avenue, plans to build two-story, 70 x 175 ft., concrete, brick and steel moving picture theater. \$150,000.

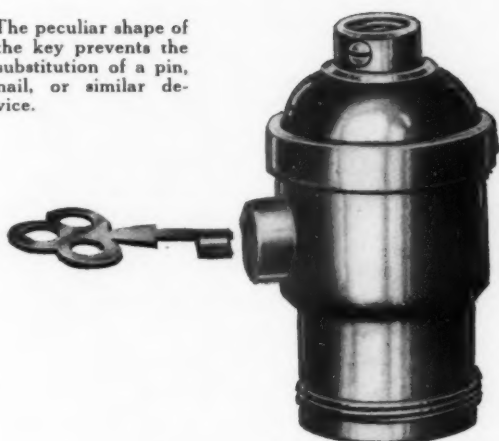
COLUMBUS, OHIO.—Clinton Cowen, State Highway Commissioner, plans prison camp buildings and all equipment located on Section "K" of the National Road, I. C. H. No. 1, Wills Township, Guernsey County, near Middlebourne, Ohio.



The Advantage of Locking Sockets

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DAYTON, OHIO.—Custer Specialty Co., 2628 North Ludlow Street, is having plans prepared by R. E. Gebhart, Architect, 73 Calahan Bank Building, for three-story, 60 x 80 ft., factory on Franklin Street.

DAYTON, OHIO.—Consolidated Automobile Co., 222 West Third Street, plans to build four and five-story reinforced concrete business block. \$300,000.

DAYTON, OHIO.—L. F. Schwind Realty Co., Schwind Building, 25-27 Ludlow Street, is having plans prepared by Schenck & Williams, Architects, Mutual Home Building, for building 100 x 120 ft. reinforced concrete theater on First and Main Streets.

KUNKLE, OHIO.—J. B. Bradhurst, Board of Education, Kunkle Rural School District, will construct brick composite type school building to be located adjoining the present school building here. W. H. Nicklas, Architect, 1900 Euclid Avenue, Cleveland, Ohio.

OKLAHOMA

BLACKWELL, OKLA.—First Baptist Church will construct two-story brick church building. A. C. West, secretary Building Committee; J. A. Tharp, chairman.

WOODWARD, OKLA.—Supervising Architect, Treasury Department, Washington, D. C., will construct United States post office and courthouse here.

OREGON

BAY CITY, ORE.—Miami Lumber Co. will build addition to sawmill to increase capacity to 175,000 ft. daily. Plans include filling, dredging, building loading docks, etc.

EUGENE, ORE.—State Legislature, Salem, petitioned to appropriate \$100,000 toward building women's building at University of Oregon. \$200,000.

PENNSYLVANIA

ALLENTOWN, PA.—Wilmer & Vincent Theater Co., 33 West Forty-second Street, New York City, is having plans prepared by Hoffman Co., Architects, Finance Building, Philadelphia, for seven-story concrete, steel and brick theater and office.

ALLENTOWN.—Plans are being prepared for the construction of a theater and office building, seven stories, brick, steel, stone and concrete construction. Hoffman Co., Architects, Philadelphia, Pa. \$450,000.

CHESTER, PA.—H. P. Bartow, 612 Newmarket Street, is having plans prepared for three-story, 20 x 100 ft., printing house.

JOHNSTOWN, PA.—Board of Directors of School District proposes building main school building and boiler house for group of six buildings known as William A. Cochran School in Eighth Ward. C. H. Meyer, secretary.

PHILADELPHIA, PA.—L. W. Hirsch Co., 923 Market Street, let contract for remodeling five-story, 46 x 200 ft., building adjoining present store into addition for its own use, to Melody & Keating, 1322 Race Street. \$195,000.

PHILADELPHIA, PA.—J. E. Sjöhsom, Inc., 1715 North Tenth Street, plans to build three-story, 68 x 102 ft., brick factory. \$50,000.

PHILADELPHIA, PA.—Palm Theater, Kensington Avenue and Norris Street, plans to alter theater and build new reinforced concrete balcony. R. Beard, Commonwealth Building, Architect. \$50,000.

PITTSBURGH, PA.—McCann & Co., Market Street, plans to build eight-story offices and store on Market and Diamond Streets. \$200,000.

YORKHAVEN, PA.—Yorkhaven Water & Power Co., engaged Gannett, Seelye & Fleming, engineers, 204 Locust Street, Harrisburg, to make complete study and report on improvements and enlargement of 20,000 h.p. hydro electric plant.

SOUTH CAROLINA

CHARLESTON, S. C.—State Assembly authorized building of "Citadel" (State Military School) on 43-acre site in Hampton Park donated by city. First unit to cost \$100,000; total cost, \$300,000.

TENNESSEE

MEMPHIS, TENN.—State Legislature, Nashville, petitioned to appropriate \$300,000 to build tuberculosis hospital here.

NASHVILLE, TENN.—E. M. Gardner, Architect, Nashville, submitted plans to Market House Association for new market house. Cost between \$150,000 and \$300,000.

TEXAS

ABILENE, TEX.—Gulf Well Machinery Mfg. Co. plans to build factory here, also make other improvements. \$250,000.

DALLAS, TEX.—W. B. Ittner, Architect, Board of Education Building, St. Louis, Mo., has plans for building second unit Oak Cliff High School, to include auditorium, art rooms, music rooms, rest rooms, lunch rooms. \$200,000.

DE LEON, TEX.—Chamber of Commerce plans to build hotel here. \$150,000.

ELECTRA, TEX.—D. T. Cross plans to build hotel here. \$70,000.

FORT WORTH, TEX.—W. T. Waggoner, First National Bank Building, proposes building sixteen-story office, 75 x 95 ft., reinforced concrete and steel, on Eighth and Houston Streets. Cost between \$750,000 and \$1,000,000. Sanguinett & Staats, First National Bank Building, Architects.

PARIS, TEX.—First Methodist congregation is having plans prepared by Van Slyke & Woodruff, Architects, Burk Burnett Building, Fort Worth, for church building here. \$100,000.

WACO, TEX.—Geyser Ice Co. plans to build cold storage plant here. \$100,000.

UTAH

SALT LAKE CITY, UTAH.—J. G. McDonald, 159 West Broadway, proposes building six-story, 55 x 145 ft., reinforced concrete addition to factory. Headlund & Kent, Dooly Building, Architects. \$100,000.

WASHINGTON

OLYMPIA, WASH.—State Legislature appropriated \$325,000 to build new armories at Olympia, Everett and Aberdeen.

SPOKANE, WASH.—Albers Milling Co. plans to build flour mill here. Address L. Palmerton, 1101 Nora Street. \$150,000.

WALLA WALLA, WASH.—First National Bank purchased site and plans to build eight or nine-story bank on Second and Alder Streets. J. H. Pedigo, attorney.

WENATCHEE, WASH.—Cashmere Apple Co. had plans prepared by H. M. Braggin, Architect, for three-story, 90 x 107 ft., warehouse on Wenatchee Avenue and Spokane Street.

WISCONSIN

ATKINSON, WIS.—Better Sox Knitting Mills Co. plans to build one-story, 20 x 50 and 25 x 30 ft., addition to factory. D. S. Becker, manager.

LA CROSSE, WIS.—Bentley & Merman, Architects, Linker Building, will construct two-story reinforced concrete, brick and steel plant on Front and Main Streets, 60 x 60 ft., for the Tri-State Ice Cream Co. \$60,000.

MADISON, WIS.—Board of Education is having plans prepared by F. L. Kroenberg, Architect, 18 North Carroll Street, for building brick addition on Johnson and Carroll Street to vocational and high school. \$200,000.

MANITOWOC, WIS.—Dixie Motor Co. is having plans prepared by Juul & Smith, Architects, 801 North Eighth Street, Sheboygan, for building two-story, 75 x 180 ft., reinforced concrete and brick garage on North Eighth Street here.

MILWAUKEE, WIS.—City plans to build police station. W. D. Hayes, City Hall, engineer. \$225,000.

OSHKOSH, WIS.—Citizens petitioned City Council to build addition to high school. N. G. Rimmel, Mayor. \$150,000.

RACINE, WIS.—E. C. Tecktonium Mfg. Co., 1224 Thirteenth Street, is having plans prepared by D. R. Davis, Architect, 526 Wisconsin Street, for two-story, 100 x 160 ft., addition to factory, with 50 x 80 ft. wing, reinforced concrete, brick and steel.

SUPERIOR, WIS.—J. O. Bach, Architect, Superior, will design garage for D. S. Webb, 1607 Twenty-first Street. \$35,000.

TWO RIVERS, WIS.—Plans are being prepared for constructing two-story, brick, school building, 60 x 100 ft. Van Ryn & De Gelleke, 726 Caswell Block, Milwaukee, Wis., Architects.

TWO RIVERS, WIS.—Board of Education is having plans prepared by Van Ryn & De Gelleke, Architects, Caswell Block, Milwaukee, for addition to high school. \$95,000.

WALES, WIS.—State Board of Control is having plans prepared by A. Peabody, Architect, Capitol, Madison, for two-story, 40 x 140 ft., infirmary here. \$100,000.



Stained with Cabot's Stucco Stains
Harland A. Perkins, Architect, Boston

A Four-Year Record of Cabot's Stucco Stains

Gentlemen:

Wakefield, Mass., November 11, 1911.
Last spring I used over two hundred gallons of your Waterproof Cement Stains on Miss Boit's new house at Wakefield. This was a job I was very particular to have right, and I am glad to say your material has proved entirely satisfactory in every way.

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In September, 1915, an examination of the Boit residence by an expert decorator showed that the Cabot's Cement Stains had worn so well and grown so soft and beautiful with age that he advised against re-coloring the stucco when the other parts of the house were painted. This is typical of the results obtained. These Stains tint stucco surfaces in soft, rich colorings that grow more charming under the action of the weather.

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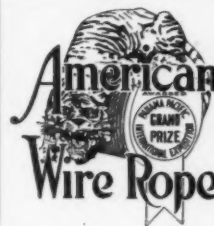
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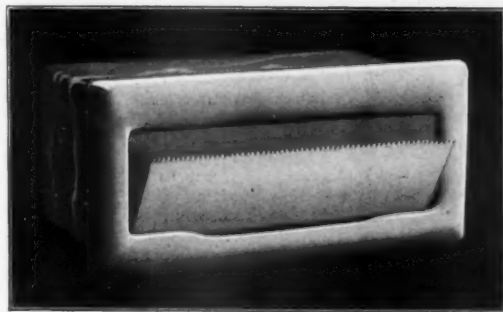
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The "Set-in" ONLIWON Tile Toilet Paper Cabinet that fits right into the tiling—out of the way. There are no buttons to press, no levers to pull. The Cabinet PROTECTS the toilet paper from dust and germs—serves just two sheets at a time—prevents waste and littered floors and cannot get out of order. Requires a recess 2 5/8 in. x 5 3/4 in. x 3 3/4 in. deep—holds 500 sheets and is filled in an instant.

There is a distinct Artistic and Architectural appeal to this and to all the ONLIWON toilet paper cabinets

Other ONLIWON Cabinets that add so much to the beauty of bathroom or toilet are the PORCELAIN Cabinets which harmonize with the white finish and porcelain equipment, and the NICK-ELED Cabinets which match the nicked trimmings.

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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. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Persons 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, ALA.—Board of Education had preliminary plans prepared by D. O. Whilldin, Architect, Title Guarantee Building, for one and two-story school on Montevallo Road and Montgomery Highway. \$500,000.

BIRMINGHAM, ALA.—St. James Methodist Church, Rev. I. T. Walker, pastor, has plans by W. A. Rayfield & Co., Birmingham, for 60 x 100 ft. building at Forty-first Street and Third Avenue, North. \$10,000.

FLORENCE, ALA.—City retained Evans & Brown, engineers, P. O. Box 94, to prepare plans for electric light plant.

TUSKEGEE, ALA.—Tuskegee Institute, R. R. Taylor, director of mechanical industries, is having plans prepared by W. A. Rayfield & Co., Birmingham, for Slater-Armstrong-Trader buildings, one main building and five units, fire proof. \$200,000.

CALIFORNIA

CUTLER, CAL.—National Bank of Cutler let contract to build brick and concrete bank and store building to R. Pedersen & Co., Fresno. \$150,000.

HANFORD, CAL.—California Packing Corp., 101 California Street, San Francisco, plans to build one-story, 110 x 250 ft., brick and frame factory and power house, also number of cottages here. P. Bush, 101 California Street, San Francisco, Architect.

LOS ANGELES, CAL.—A. Pantages, Pantages Building, will build eight-story, 150 x 150 ft., reinforced concrete, steel and brick theater, office and store, Seventh and Hill Streets. \$600,000.

SACRAMENTO, CAL.—Weinstock, Lubin & Co., Balboa Building, San Francisco, plans to build eight-story, 160 x 120 ft., department store on L Street here. S. W. McKim, president. \$1,000,000.

TULARE, CAL.—City Trustees and School Directors plan election to vote on \$90,000 bonds for two brick schools and \$60,000 bonds for auditorium.

WINEVILLE, CAL.—C. Stern & Sons, Van Nuys Building, Los Angeles, are having plans prepared by Krempel & Erkes, Architects, 415 Henne Building, Los Angeles, for remodeling winery buildings into fruit and vegetable cannery. Present buildings are one story, reinforced concrete and brick, cement flooring. \$100,000.

COLORADO

ALAMOSA, COL.—Odd Fellows plans to build home. W. E. Simmons, chairman. \$65,000.

CENTER, COL.—Board of Education will build two-story, 60 x 275 ft., brick and concrete school. Montjoy, French & Frewen, Chamber of Commerce Building, Denver, Architects. \$80,000.

LAS ANIMAS, COL.—Thomas Mercantile Co. plans to build 50 x 150 ft. store on Carson and Powers Streets.

LONGMONT, COL.—City will vote on \$55,000 bond issue to build City Hall.

CONNECTICUT

ANSONIA, CONN.—Appropriation Committee, Capitol, Hartford, petitioned to appropriate \$100,000 to build State armory here.

ANSONIA, CONN.—S. Yudkin, 403 Main Street, is having plans prepared by O. Frantzke, Architect, care of owner, to build one-story, 200 x 202 ft., concrete garage on Central Street. \$50,000.

BRIDGEPORT, CONN.—Zimmer Bros., 179 Golden Hill Street, plans to build four-story store and office on Main Street. \$50,000.

BRIDGEPORT, CONN.—Progressive Building Co., 1215 Main Street, will build four-story, 72 x 125 ft., brick and concrete apartment hotel on Lafayette and Liberty Streets. \$150,000.

CHESHIRE, CONN.—State Legislature, Hartford, appropriated \$80,000 to build factory at Cheshire Reformatory for Boys.

DERBY, CONN.—General Ordnance Co., Housatonic Avenue, let contract for building one-story, 30 x 250 ft., steel machine shop to Truss-Conn Steel Co., 207 Orange Street, New Haven. \$25,000.

HARTFORD, CONN.—Berenson & Moses, Architects, 26 State Street, proposes building three-story brick apartment hotel, concrete foundation, on Buckingham Street, for D. Kaplan. \$60,000.

MERIDEN, CONN.—E. Derecktor, 39 Crown Street, had plans prepared by W. A. Donovan, Architect, 3 Colony Street, for three-story, 40 x 75 ft., brick and timber store on West Main Street. \$50,000.

NEW HAVEN, CONN.—Beecher & Bennett, Inc., 280 Elm Street, are having plans prepared by C. S. Palmer, Architect, 191 Church Street, for two-story, 70 x 100 ft., brick store on Broadway and Howe Street. \$60,000.

NEW HAVEN, CONN.—C. W. Ratner, 1476 Chapel Street, will build four-story, 90 x 101 ft., brick, reinforced concrete and steel apartment hotel on Chapel Street and Winthrop Avenue. \$90,000.

NEW HAVEN, CONN.—J. P. Kaufman, 42 Church Street, will build five-story hotel, 84 x 114 ft., brick, steel and concrete, corner Orange and Bishop Streets. \$200,000.

NEW HAVEN, CONN.—Puglisti & Milici, 20 Wight Street, will build four-story hotel, 100 x 101 ft., brick, concrete and steel, Boulevard and Chapel Street. \$165,000.

NEW LONDON, CONN.—Federal Street Methodist Episcopal congregation plans to build brick and steel church on Broad Street. M. R. Geuter, 193 Hempstead Street, pastor. \$100,000.

NORWALK, CONN.—Commissioners of Fairfield County (Bridgeport) are having plans prepared by Davis & Dane, Architects, 1024 Main Street, Bridgeport, for two-story brick addition to home on Westport Avenue here. \$50,000.

STAMFORD, CONN.—S. Weiss and A. Geronimo purchased site on Park Place and plan to build theater. \$100,000.

STAMFORD, CONN.—H. and H. Foundry Co., 770 Pacific Street, proposes building one-story, 60 x 200 ft., brick foundry on Pacific Street. N. E. Emmons, Washington Building, Architect. \$30,000.

WATERBURY, CONN.—Scovill Mfg. Co., 99 Mill Street, will build one-story, 124 x 197 ft., brick addition to factory on Hamilton Avenue. \$50,000.

WATERBURY, CONN.—Immaculate Conception congregation, 97 East Main Street, is having plans prepared by J. A. Jackson, Architect, 1133 Broadway, New York City, for rebuilding church on East Main Street. L. Fitzsimmons, pastor. \$100,000.

WATERBURY, CONN.—M. G. Witort, 789 Bank Street, let contract for building one and two-story brick theater on Washington Avenue to M. P. Laukaitis, 25 Congress Street. \$50,000.

FLORIDA

GAINESVILLE, FLA.—Board of Education, Alachua County, plans to build one three-story high school and one two-story industrial school, brick or tile. Edwards, Sayward & Leither, Chamber of Commerce Building, Atlanta, Ga., Architects. \$150,000.

PENSACOLA, FLA.—Texas Oil Co., Chipley Street, plans to establish fuel oil station. \$1,000,000.

GEORGIA

ATLANTA, GA.—City votes on \$1,000,000 bonds, including \$100,000 for erection of cyclorama and museum in Grant Park. Address the Mayor.

CONYERS, GA.—First National Bank, E. P. McDaniel, chairman of Building Committee, has plans by A. Ten Eyck Brown, Forsyth Building, Atlanta, for bank building, 30 x 72 ft., two stories, brick and terra cotta. \$25,000.

MACON, GA.—Bibb County votes on \$1,500,000 bonds, to include \$40,000 for courthouse, \$400,000 for schools and \$700,000 for paved roads and bridges. J. H. Heard, chairman County Commissioners.

ILLINOIS

CHICAGO, ILL.—Chicago Public Library will build branch library on Crawford Avenue and West Monroe Street. H. G. Wilson, secretary.



More than Half a Million square feet of *Barrett Specification Roofs* Protect the great Remington Arms Plant

THE type of roof to be used on a huge job like this cannot be decided on the basis of individual preference. Nor can experimenting be tolerated. For the investment is too large and the consequences of a mistake are too serious. When architects and engineers face a roofing job like this they have to get right down to *proved facts and figures*. They have to be absolutely *sure* on four points.

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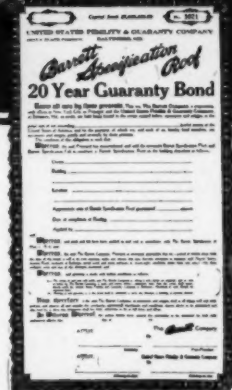
Second. That the manufacturer of the roofing materials is thoroughly reliable, and has had long and successful experience in the roofing business.

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Today the *standard* covering for permanent buildings is a Barrett Specification Roof. It takes the base rate of insurance. It costs less per year of service than any other type of permanent roof. It is guaranteed for 20 years.



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THE BARRETT COMPANY, Limited: Montreal Toronto

CHICAGO, ILL.—Board of Education, 7 South Dearborn Street, plans to build administration building in downtown district. \$250,000.

EAST ST. LOUIS, ILL.—Obea Nestor Glass Co., Broadway and Terminal R. R., let contract for building two-story, 82 x 190 ft., brick, steel and concrete addition to plant to F. Ganschinietz, 501 North Eighteenth Street. \$65,000.

GOOD HOPE, ILL.—City voted \$60,000 bonds to purchase site and build high school.

GRIGGSVILLE, ILL.—Board of Education plans to rebuild high school recently destroyed by fire. \$75,000.

QUINCY, ILL.—Board of Education plans to build new Irving School. \$115,000.

TROY, ILL.—Troy Grain Co. plans to build concrete grain elevator between here and Edwardsville Township. \$25,000.

VILLA GROVE, ILL.—Village voted \$75,000 bonds to build high school.

INDIANA

CARTHAGE, IND.—Carthage Box & Paper Co. plans to build one-story, 100 x 265 ft., reinforced concrete factory. \$50,000.

IOWA

CHEROKEE, IOWA.—Sache-Bunn Co., 322 Third Street, Sioux City, let contract for building reinforced concrete and brick implement building to Brown Bros., Hospers. \$28,300.

DES MOINES, IOWA.—Blackhawk Tire & Rubber Co. proposes building factory. Sawyer & Watrous, 401 Hippee Building, Architects. \$250,000.

FORT DODGE, IOWA.—City voted \$650,000 bonds to build high school. C. H. Reynolds, City Engineer.

FORT DODGE, IOWA.—Hawkeye Fair and Exposition, Inc., plans to build 72 x 150 ft. administration and woman's building, 72 x 150 exposition building, automobile show building, sales show pavilion and grandstand. E. C. Cameron, Alta, president. \$75,000.

IOWA CITY, IOWA.—State petitioned to appropriate \$150,000 for girls' dormitory, \$225,000 for botany and geology building, \$70,000 for laboratory and \$150,000 on nurses' building.

SHENANDOAH, IOWA.—K. of C. Home Association, care of C. R. Jarvis, secretary, plans to build club here. \$50,000.

WASHINGTON, IOWA.—United Presbyterian congregation let contract for two-story brick church to Shrader, Worlary & McKeane, Washington. \$50,000.

KANSAS

WICHITA, KAN.—Campbell Baking Co., 601-3 North Emporia Street, let contract to build two-story, 60 x 140 ft., brick and reinforced concrete addition to bakery to N. T. Vorse, 911 S. and L. Building, Des Moines, Iowa. \$100,000.

KENTUCKY

LONDON, KY.—Bennett Memorial School will erect high school and auditorium building. \$50,000.

LOUISIANA

BATON ROUGE, LA.—Young Men's Christian Association will erect Y. M. C. A. building, two stories, brick. Cost, \$75,000. Shattuck & Hussey, Architects, 19 S. La Salle Street, Chicago.

SHREVEPORT, LA.—Highland Avenue Baptist Church, Rev. C. P. Roney, pastor, 1333 Jennings Avenue, will erect building at Olive and Stevens Streets, steel and reinforced concrete construction, brick facing. Cost, \$75,000 to \$100,000. Architect not selected.

THIBODAUX, LA.—St. Joseph's congregation plans to rebuild church. \$125,000.

MARYLAND

BALTIMORE, MD.—Crown Cork & Seal Co., 1511 Guilford Avenue, let contract for two one-story, 75 x 240 ft., concrete and steel warehouses on Eastern Avenue to West Construction Co., 907 American Building. \$60,000.

BALTIMORE, MD.—Canton Air Brake Co., 563 Calvert Building, is having plans prepared for one-story steel and concrete plant. First unit to cost \$180,000; ultimate cost, \$1,000,000. R. Schoenwetter and C. A. Zarobsky, 563 Calvert Building, engineers.

BALTIMORE, MD.—Seaboard Bank is having plans prepared by Robert L. Harris, 1131-33 Calvert Building, Baltimore, for alterations to building at Park Avenue and Fayette Street. Cost, about \$50,000.

CUMBERLAND, MD.—Berwin-White Coal Mining Co., Windber, near here, plans to build power plant. \$800,000.

CURTIS BAY (BALTIMORE P. O.), MD.—Mexican Petroleum Co., 120 Broadway, New York City, plans to build large refinery here. Plans include building bulkhead and filling in on 70-acre site. Total cost, \$1,000,000.

TOWSON, MD.—St. Vincent's Male Orphan Asylum, York Road, near here, plans to rebuild building recently destroyed by fire. Loss about \$75,000. A. Deupert, 815 North Arlington Avenue, Baltimore, president Board of Managers.

MASSACHUSETTS

BOSTON, MASS.—G. J. Wilson let contract for building one-story, 80 x 110 ft., reinforced concrete and steel factory and sales building on Brookline Avenue to E. S. Butterfield Co., 88 Broad Street. \$75,000.

BROCKTON, MASS.—Unity congregation, care of C. C. King, 106 Main Street, plans to build brick church and parish on Warren Avenue.

LYNN, MASS.—D. Grossman, Roxbury, contemplates building seven-story brick and concrete hotel on Lynn Shore Drive here. D. Sanborn, Lynn, Architect. \$250,000.

MALDEN, MASS.—Boston Dye House, Malden, had plans prepared by A. Golden, engineer, care of company, for two-story, 80 x 100 ft., brick and concrete addition to factory on Main and Eastern Streets. \$50,000.

WORCESTER, MASS.—Simplex Player Co., Boylston Street, Boston, let contract to build four-story, 50 x 55 ft. and 35 x 115 ft., brick and reinforced concrete factory and storehouse on Blackstone Street here to E. D. Ward Co., 82 Foster Park. \$80,000.

MICHIGAN

CALUMET, MICH.—Calumet Hospital Board plans to build two-story brick hospital. M. S. Carlton, chairman. \$50,000.

DETROIT, MICH.—Detroit Edison Co., David Whitney Building, let contract for building 70 x 110 ft. brick and steel addition to central heating plant to A. A. Albrecht & Co., 1130 Penobscot Building.

DETROIT, MICH.—C. R. Wilson Body Co., Clay Avenue, plans to rebuild plant recently destroyed by fire. Loss between \$300,000 and \$400,000.

DETROIT, MICH.—Newcomb-Endicott Co., 190-200 Woodward Avenue, let contract for twelve-story, 60 x 110 ft., steel building on Woodward and Grand River Avenues to Batchelder-Wasmund Co., Jefferson Avenue, W.

GRAND RAPIDS, MICH.—Board of Education soon receives bids for two three-story, 67 x 167 ft., brick, concrete and steel schools on Congress and Henry Avenues. \$150,000 each. H. Turner, care Board of Education, Architect.

LANSING, MICH.—Board of State Auditors will build six-story brick and reinforced concrete library and office. E. A. Bowd, 129 West Allegan Street, Architect.

MINNESOTA

ROUND LAKE, MINN.—Board of Education is having plans prepared by G. Pass & Son, Architects, Mankato, for consolidated school. B. C. Denkmann, clerk. \$50,000.

MISSOURI

BOONVILLE, MO.—Hamilton-Brown Shoe Co., Jefferson and Rand Streets, St. Louis, plans to build three-story, 50 x 250 ft., brick factory here. \$40,000.

GRANT CITY, MO.—Board of Education, Leo Phipps, secretary, is considering erection of high school building. \$50,000.

JEFFERSON CITY, MO.—F. B. Miller, Architect, proposes building 57 x 198 ft. brick and reinforced concrete theater on High Street for W. H. Mueller. \$60,000.

MACON, MO.—W. H. Martin, city clerk, authorizes improving power plant. F. L. Wilcox, Syndicate Trust Building, St. Louis, engineer. \$45,000.

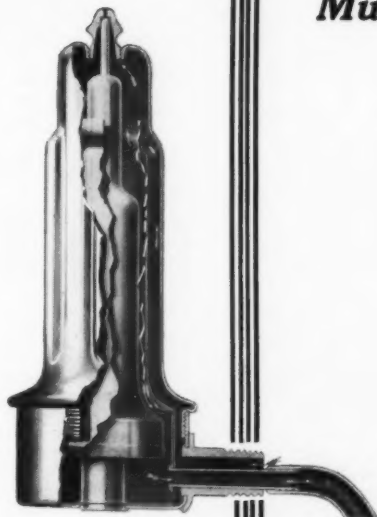
MARSHALL, MO.—City will build municipal electric light plant. Henrici-Lowry Eng. Co., Commercial Trust Building, Kansas City, engineers. \$75,000.

ST. JAMES, MO.—Missouri State Soldiers' Home plans to build addition to existing hospital to cost \$20,000; miscellaneous additions, \$20,000. W. V. Farris, president Board of Managers.

ST. LOUIS, MO.—L. Haeger, Architect, 3844 Utah Street, will build two-story, 60 x 100 ft., brick and con-

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215 West Seventh Street

crete bank on Grand and Hartford Avenues for Tower Grove Bank, Grand and Juniata Avenues. \$60,000.

ST. LOUIS, Mo.—Hotel Realty Co., Mercantile Trust Building, purchased site on Thirteenth Street, from Locust to St. Charles Streets, and plans to build twelve-story Hotel, 204 x 225 ft. F. J. Wade, president. \$2,000,000.

UNIVERSITY CITY (ST. LOUIS P. O.), Mo.—City plans election to vote on \$250,000 bonds to build schools. J. M. Atkinson, 10 Radcliffe Place, chairman School Board Committee.

NEBRASKA

LINCOLN, NEB.—State Legislature appropriated \$5,000,000 to build Capitol here.

NEW JERSEY

AMPERE, N. J.—General Electric Co. plans to build one-story, 94 x 98 ft., concrete storage plant. J. H. & W. G. Ely, Firemen's Building, Newark, Architects. \$35,000.

JERSEY CITY, N. J.—Keystone Motor Car Co., Stegman Street, plans to build concrete and brick plant on Communipaw and Bergen Avenues. \$70,000.

NEWARK, N. J.—F. W. Wentworth, Architect, 140 Market Street, Paterson, proposes building two-story, 83 x 147 ft., steel motion picture theater on Branford Place, near Broad Street, here, for J. Fabian, 12 Union Street, Paterson. \$500,000.

NEWARK, N. J.—H. & J. Kruvant, 31 Walnut Street, let contract for five-story hotel, 68 x 150 ft., concrete, steel and brick, at 24-26 Park Street, to H. Kruvant, 189 Bloomfield Avenue. \$300,000.

ORANGE, N. J.—War Memorial Advisory Co. had plans prepared for civic center building. \$100,000.

TRENTON, N. J.—A. C. Nevius, 601 Rutherford Avenue, plans to alter five-story Y. M. C. A. on State Street into mercantile building. \$100,000.

NEW YORK

ALBANY, N. Y.—H. M. Biggs, Commissioner of Health, State Health Department, proposes building laboratory.

ALBANY, N. Y.—Lockwood, Green & Co., 101 Park Avenue, New York City, will build three-story, 80 x 90 ft., brick and mill construction factory for Van Slyke & Horton, 471 Broadway. \$75,000.

BATH, N. Y.—County Dairymen's League plans to build reinforced concrete and brick dairy plant here. M. W. Davison, director. \$150,000.

BLACK RIVER, N. Y.—Northern New York Utilities, Inc., Light and Power Building, Watertown, is having plans prepared for building reinforced concrete power house. J. B. Taylor, Watertown, president.

BROOKLYN, N. Y.—Ludlow & Peabody, 101 Park Avenue, New York, are preparing plans for a bank building, 40 x 75 ft., to be erected on Flatbush Avenue, Brooklyn, for the People's Trust Co.

BROOKLYN, N. Y.—A. Paolillo, 810 Fourth Avenue, had plans prepared by C. P. Cannella, Architect, 1163 Herkimer Street, for one-story, 22 x 41 x 72 x 102 ft., brick and steel garage on Twenty-seventh Street and Fourth Avenue. \$45,000.

BROOKLYN, N. Y.—Bedford Riding Academy, 13 Ocean Parkway, will build one-story riding academy, 102 x 189 ft., brick and concrete. \$60,000.

BROOKLYN, N. Y.—Interborough Iron & Steel Co., care of M. A. Cantor, Architect, 373 Fulton Street, will build one-story, 100 x 100 ft., steel and brick garage on Sixth Avenue and Sixty-second Street. \$30,000.

BROOKLYN, N. Y.—Shampan & Shampan, Architects, 772 Broadway, propose building two-story, 100 x 100 ft., brick auto service station and showroom on Montrose Avenue and Leonard Street for Lasky Motor Car Corp., 17 Graham Avenue. \$75,000.

BROOKLYN, N. Y.—Kings Highway Corp., 1817 Kings Highway, let contract to build two-story, 104 x 120 ft., brick and steel moving picture theater, concrete flooring, on Kings Highway and East Twelfth Street, to L. Gold, 44 Court Street. \$175,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, will build P. S. 20, five stories, 92 x 193 ft., brick and limestone, on Roebing Street, North Fourth and North Fifth Streets. C. B. J. Snyder, Municipal Building, New York City, Architect. \$600,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, will build P. S. 182, five stories, 118 x 192 ft., brick and concrete, on Dumont Avenue

and Wyona Street. C. B. J. Snyder, Municipal Building, New York City, Architect. \$543,474.

CORTLAND, N. Y.—Local Dairymen's League plans to build milk plant here. N. F. Webb, president. \$50,000.

EAST SYRACUSE, N. Y.—East Syracuse Bank, recently incorporated, plans to build bank. \$50,000. Address Town Clerk.

GREECE, N. Y.—Town plans to vote on project to build two-story, 45 x 90 ft., brick and concrete auditorium, town office and library. Cost between \$40,000 and \$50,000.

HOLCOMB, N. Y.—W. N. Clark Co., 333 Hollenbeck Street, Rochester, let contract for building concrete factory, consisting of one two-story, 50 x 130 ft.; one one-story, 50 x 150 ft., and one one-story, 70 x 80 ft., buildings, to L. J. Held, 153 Plymouth Avenue, Rochester. \$60,000.

NEW YORK, N. Y.—H. Claman, 241 West Forty-third Street, will build ten-story hotel, 100 x 100 ft., steel and brick, concrete foundation, on Forty-third Street, near Eighth Avenue.

NEW YORK, N. Y.—F. A. Munsey, 280 Broadway, will build addition and alter existing printing plant. \$50,000.

NEW YORK, N. Y.—Atlantic & Pacific Steamship Co., 7 Hanover Square, will erect five-story office, 70 x 80 feet, brick and steel, on Water Street and Old Slip. J. W. O'Connor, 3 West Twenty-ninth Street, Architect.

NEW YORK, N. Y.—C. B. H. Gilbert, Architect, 1123 Broadway, proposes building twelve-story office, 50 x 100 ft., brick and limestone, concrete foundation, at 6-8 East Forty-fourth Street.

NEW YORK, N. Y.—Baker, Carver & Morrell, 39 Water Street, are having plans prepared by Severance & Van Allen, Architects, 4 West Thirty-seventh Street, for nine-story, 28 x 83 ft., steel and brick office at 37 Water Street.

NEW YORK, N. Y.—L. A. Sheinart, Architect, 192 Bowery, will build two-story, 98 x 117 ft., brick and steel garage at 536-546 West Forty-second Street for S. K. W. Shellat, Newport, R. I. Marcus & Goldstein, 141 Broadway, lessees.

NEW YORK, N. Y.—H. Jaekel & Sons, 16 West Thirty-second Street, let contract for building six-story, 25 x 155 ft., steel and brick addition at 546 Fifth Avenue to Wharton, Green & Co., 37 West Thirty-ninth Street. \$75,000.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, let contract for building P. S. 6, five stories, 60 x 142 ft., brick, on Tremont and Bryant Avenues, Bronx, to T. A. Clark Co., 122 Livingston Street, Brooklyn. \$206,000.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, let contract for building P. S. 6, five stories, 60 x 142 ft., brick, on Tremont and Bryant Avenues, Bronx, to T. A. Clark Co., 122 Livingston Street, Brooklyn. \$206,000.

NEW YORK, N. Y.—Buick Auto Repair Shop, 244 West Forty-ninth Street, had plans prepared by F. J. Bird, Architect, 101 Park Avenue, for one-story, 100 x 200 ft., brick and steel garage on Fifty-fourth Street, near Eighth Avenue. \$400,000.

NEW YORK, N. Y.—State Legislature, Capitol, Albany, petitioned to appropriate \$1,000,000 to provide for grain elevator at port of New York in connection with Gowanus Bay canal terminal.

NORFOLK, N. Y.—A. B. Hepburn, Ogdensburg, will build two-story ornamental brick library here as gift to town. \$50,000.

OGDENSBURG, N. Y.—A. Irving, president Chamber of Commerce, and associates plan to build \$200,000 hotel.

PENN YAN, N. Y.—A. H. Burns plans to build concrete and brick grist and grinding mill on East Main Street. \$60,000.

POTSDAM, N. Y.—Town is considering holding election to vote on \$150,000 bonds to build memorial building and community center. S. Watson, village president.

ROCHESTER, N. Y.—Yawman & Erbe, 242 St. Paul Street, are having plans prepared for addition to plant. T. Hough, purchasing agent. \$25,000.

ROCHESTER, N. Y.—Eastman Kodak Co., Kodak Park, had plans prepared for building six-story, 162 x 182 ft., reinforced concrete factory on Hanford Landing Road. \$350,000.

ROME, N. Y.—Board of Education plans to build two-story school, 100 x 125 ft., on Linden Street. W. T. Towner, 366 Fifth Avenue, New York City, Architect. \$120,000.

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SONYEA, N. Y.—Craig Colony for Epileptics let contract for building one-story kitchen, 42 x 114 ft. and 42 x 80 ft., reinforced concrete, brick and steel, to A. E. Stephens Co., 318 Main Street, Springfield, Mass. \$49,300.

SYRACUSE, N. Y.—H. H. Franklin Automobile Co., 302 South Geddes Street, purchased site at 215 Magnolia Street and plans to build addition to plant. Cost between \$300,000 and \$400,000.

SYRACUSE, N. Y.—Board of Education let contract to build three-story, 100 x 150 ft., school, steel and brick, on Madison Avenue and Walnut Street, to Schaefer Construction Co., 5 West Thirty-first Street, New York City. \$230,000.

SYRACUSE, N. Y.—Board of Estimate and Apportionment requests Council for authorization of \$500,000 bond issue. About \$200,000 will be used to build Prescott and Lincoln schools; remainder will be used to extend park system, purchase and develop playgrounds, build addition to city hospital and new firehouses, etc. H. A. Allen, City Engineer.

UTICA, N. Y.—Utica Co-operative Society, Inc., purchased site on Schuyler and Court Streets and plans to build two-story concrete bakery.

UTICA, N. Y.—L. F. Pilcher, State Architect, Capitol, Albany, let contract for building addition to central heating plant here to R. G. Lloyd, 113 South Street. \$29,832.

WATERTOWN, N. Y.—P. W. Davendorf, 145 Arsenal Street, had plans prepared for two-story, 72 x 150 ft., brick and tile garage and repair shop. \$40,000.

WATERTOWN, N. Y.—New York Air Brake Co., Starbuck Avenue; Northern New York Utilities, Inc., Light and Power Building; J. B. Wise, 401 Mill Street, and associates, plan to incorporate Beebe Island Corp. to develop power here. Plans include power house. \$500,000.

WATERTOWN, N. Y.—Northern New York Utilities, Inc., Light and Power Building, is having plans prepared for addition to existing generating plant at Effley Falls. J. B. Taylor, president.

NORTH CAROLINA

BOILING SPRINGS, N. C.—Board of Trustees, Boiling Springs High School, E. B. Hamrick, treasurer, plans to erect school building as memorial, to contain auditorium, society halls, music rooms, art and domestic science rooms, etc. Cost, \$25,000.

CHARLOTTE, N. C.—Board of Education plans to build three-story reinforced concrete, brick and tile high school. Edwards, Sayward & Leitner, Chamber of Commerce Building, Atlanta, Ga., Architects. \$135,000.

GASTONIA, N. C.—Charles C. Wilson, Columbus, S. C., is preparing plans for four residences. Total cost about \$150,000.

OXFORD, N. C.—City is considering election on \$50,000 bond issue to erect school building. W. J. Mitchell, Mayor.

SEDALIA, N. C.—Board of Education plans to build school. H. Barton, Greensboro, Architect. \$70,000.

NORTH DAKOTA

DICKINSON, N. D.—State Budget Committee, Capitol, Bismarck, plans to build dormitory at State Normal School here. \$55,000.

OHIO

CLEVELAND, OHIO.—Cleveland Automobile Co., East 131st Street, plans to build brick and reinforced concrete factory. E. McGeorge, 1900 Euclid Avenue, Architect. \$500,000.

CLEVELAND, OHIO.—Cowell & Hubbard, East Sixth Street and Euclid Avenue, are having plans prepared by Walker & Weeks, Architects, 1900 Euclid Avenue, for building two-story (ultimately eight stories), 80 x 200 ft., brick commercial building on Euclid Avenue and East Thirteenth Street. \$300,000.

CLEVELAND, OHIO.—Industrial Association of Cleveland, 607 Arcade Building, plans to build six or ten-story, 100 x 200 ft., industrial university, brick, steel and concrete. Plans include four large classrooms, auditorium, gymnasium, swimming pool, billiard rooms, etc. \$1,000,000.

COLUMBUS, OHIO.—Franklin Loan & Savings Co., 347 South High Street, will build six-story, 25 x 90 ft., brick and reinforced concrete bank and office on High and Main Streets. F. L. Packard, Hayden Building, Architect. \$163,000.

COLUMBUS, OHIO.—C. and E. Shoe Co., 56 East Ful-

ton Street, is having plans prepared by Richards & McCarty, Architects, Hartman Building, for six-story, 87 x 120 ft., brick and reinforced concrete factory on East Fulton Street. \$100,000.

DAYTON, OHIO.—Buick Automobile Co., 130 North Main Street, plans to build two-story, 78 x 100 ft., brick and reinforced concrete office and garage at 413 South Main Street.

FRANKLIN, OHIO.—Board of Education is having plans prepared by E. J. Mounstephen, Architect, 802 Union Bank Building, Dayton, for two-story brick and reinforced concrete school. J. C. Null, clerk. \$150,000.

KENMORE, OHIO.—Board of Education will build two-story, 69 x 127 ft., brick school on North Ninth Street. Cost between \$90,000 and \$95,000. A. R. Ritman, clerk. M. P. Lauer, 707 People's Saving & Trust Building, Architect.

PITTSBURGH, OHIO.—Board of Education is having plans prepared by E. J. Mounstephen, Architect, 802 Union Bank Building, Dayton, for two-story brick and reinforced concrete school in Monroe Township. \$100,000.

WEST UNITY, OHIO.—Board of Education and Howard & Marriam, Architects, 8 East Broad Street, Columbus, will erect two-story, 74 x 134 ft., brick and reinforced concrete school. \$125,000.

YELLOW SPRINGS, OHIO.—Board of Education plans to build one-story brick and reinforced concrete school. E. J. Mounstephen, 802 Union Bank Building, Dayton, Architect. \$50,000.

OKLAHOMA

BLACKWELL, OKLA.—First Baptist congregation will build three-story, 85 x 100 ft., brick church. J. E. Greene, 1204 Thirteenth Avenue, Birmingham, Ala., Architect. \$50,000.

HOOVER, OKLA.—School Board has plans by Mann & Gerow, Hutchinson, Kan., for school building, 54 x 94 ft., brick and reinforced concrete. \$40,000.

LANGSTON, OKLA.—State Board of Affairs, Oklahoma City, plans to erect industrial building and dormitory at colored Agricultural and Mechanical College. Cost, \$50,000 and \$5,000 respectively.

OKLAHOMA CITY, OKLA.—City votes on \$650,000 bonds for school buildings. John H. Hope, president Board of Education; J. G. Stearley, clerk.

OKMULGEE, OKLA.—City voted \$215,000 bonds to build three-story high school and four-room addition to grade school.

PAWHUSKA, OKLA.—Board of Education is having plans prepared by Hawk & Parr, Architects, 501 Security Building, Oklahoma, for building two-story, 150 x 150 ft., brick and reinforced concrete high school. A. C. Seeley, clerk. \$95,000.

OREGON

ASTORIA, ORE.—Pacific Power & Light Co., Spalding Building, Portland, plans to build 4500-hp. electric generating plant at foot of Astor Street.

FREEWATER, ORE.—Milton First National Bank plans to build on Evans and Depot Streets here.

MARSHFIELD, ORE.—Elks' Club plans to build home. G. Dix, chairman. \$60,000.

PENDLETON, ORE.—Sisters of St. Francis, Catholic Indian Mission, plans to build hospital. \$100,000.

PENDLETON, ORE.—Gritman Bros. purchased site on Webb and Willow Streets and plan to build one-story, 50 x 100 ft., brick store.

PORTLAND, ORE.—Senate petitioned to appropriate between \$400,000 and \$500,000 to build State hospital here.

PORTLAND, ORE.—Board of Education is considering \$3,000,000 bond issue to build high and grade schools.

PENNSYLVANIA

BETHLEHEM, PA.—Traveler Tire Co., Traveler Building, Philadelphia, plans to build two-story, 80 x 250 ft., concrete, steel and brick factory near Reading R. R. here. J. O. Hunt, 114 North Montgomery Street, Trenton, N. J., Architect. \$250,000.

CHESTER, PA.—Foster Hotel Corp. is having plans prepared by E. A. Wilson, Architect, 1208 Chestnut Street, Philadelphia, for four-story hotel, 118 x 228 ft., brick and steel, on Ninth and Welch Streets. \$250,000.

PALMERTON, PA.—Board of Education will build grade school. C. H. Lloyd, Telegraph Building, Harrisburg, Architect. \$100,000.

PHILADELPHIA, PA.—Taubel Bros., Cedar and Huntington Streets, plans to build three-story, 48 x 70 ft., brick and timber factory. \$30,000.

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PHILADELPHIA, PA.—Pennsylvania R. R., Broad Street Station, let contract to build one-story, 24 x 468 ft., concrete, steel and brick roundhouse on Forty-eighth Street and Parkside Avenue to W. Steele & Sons Co., Sixteenth Street and Parkway. \$85,000.

PHILADELPHIA, PA.—Armory Board, Capitol Building, Harrisburg, will build one-story, 154 x 282 ft., reinforced concrete, steel and brick drill shed on Cuthbert Street, Thirty-second to Thirty-third Street.

PHILADELPHIA, PA.—A. A. Ziegler, Architect, Bailey Building, is receiving bids for seven-story, 41 x 91 ft., brick building on Seventh and Delancy Streets for Babies' Hospital of Philadelphia, 1126 Walnut Street. \$80,000.

PHILADELPHIA, PA.—Powers, Weighon & Rosengarten, 916 Parrish Street, awarded contract for four-story, 28 x 40 ft., brick and timber factory on Ninth and Parrish Streets to R. C. Ballinger & Co., 218 North Thirteenth Street. \$30,000.

PHILADELPHIA, PA.—L. W. Hirsch Co., 923 Market Street, let contract to remodel five-story, 46 x 200 ft., building adjoining present store into addition for its own use, to Melody & Keating, 1322 Race Street. \$195,000.

PITTSBURGH, PA.—Board of Education will build three-story, 30 x 80 ft., brick, steel and stone school on Twenty-fourth and Birch Streets, and three-story, 30 x 80 ft., addition to school on Eighteenth and Ferry Streets. \$50,000.

POTTSTOWN, PA.—Hill School Alumni Association plans to build memorial hall. \$100,000.

TEMPLE, PA.—Temple Malleable Iron & Steel Co. awarded contract for building one-story, 340 x 380 ft., steel and brick plant near Pennsylvania R. R. (Schuykill Div.) here to F. D. Chase, Peoples Gas Building, Chicago, Ill.

RHODE ISLAND

PROVIDENCE, R. I.—City plans to build garage on Harris and Kingsley Avenues. W. E. Hartwell, Commissioner of Public Buildings. \$75,000.

SOUTH CAROLINA

CHARLESTON, S. C.—J. D. Newcomber, Architect, Broad Street, will build two-story, 100 x 120 ft., reinforced concrete garage on Meeting Street for Sottile Cadillac Co., 261 Meeting Street. \$50,000.

GREENVILLE, S. C.—Working Benevolent Realty Co., capital stock \$30,000, incorporated by E. W. Biggs, James A. Talbert and W. E. Payne, will erect store and office building at East Broad and Falls Streets, three stories, brick. Cost, about \$70,000.

LAKE CITY, S. C.—Baptist Church has plans by Charles C. Wilson, Columbia, for brick building, 75 x 100 ft. \$25,000.

SOUTH DAKOTA

HURLEY, S. D.—Hurley Consolidated School is having plans prepared by Perkins & McWayne, Architects, 322-324 Paulton Building, Sioux Falls, for two-story school, 60 x 134 ft., brick, steel and concrete. \$85,000.

MADISON, S. D.—Madison Hospital Association is having plans prepared by Perkins & McWayne, Architects, 322-324 Paulton Building, Sioux Falls, for building three-story, 38 x 92 ft., brick and terra cotta hospital. \$75,000.

SIoux FALLS, S. D.—Dakota Iron Store, Weber Avenue, is having plans prepared by Perkins & McWayne, Architects, 322 Paulton Building, for two-story, 90 x 150 ft., brick and concrete factory on Sixth Street. \$40,000.

TEXAS

BELTON, TEX.—Baylor College, J. C. Hardy, president, is having plans prepared by R. H. Hunt, Chattanooga, Tenn., for enlargements to college.

DALLAS, TEX.—Southern Methodist University, Dr. R. S. Hyer, president, plans to erect gymnasium. Cost, \$25,000.

DALLAS, TEX.—C. R. Miller, 5112 Swiss Avenue, and associates are having plans prepared by Lockwood-Greene Co., 60 Federal Street, Boston, Mass., for cotton mill. \$500,000.

DALLAS, TEX.—Y. M. C. A., care of B. B. Taylor, president, Baton Rouge, La., will construct four-story, 75 x 112 ft., building, to include social and class rooms, gymnasiums, swimming pool, bathrooms and dormitories. Shattuck & Hussey, 19 South La Salle Street, Chicago, Architects.

FORT WORTH, TEX.—Farmers' and Mechanics' National Bank, J. W. Spencer, president, will erect building at Seventh and Main Streets, 100 x 95 ft., twelve to sixteen stories, fireproof. Cost, \$800,000 to \$1,250,000.

SAN MARCOS, TEX.—San Marcos Baptist Academy trustees plan to erect \$100,000 administration building which will contain classrooms, auditorium, library, laboratories, president's and registrar's offices, commercial, music, domestic and manual arts departments.

VERNON, TEX.—Commissioners of Wilbarger County will vote on \$50,000 bonds to build memorial hospital.

UTAH

OGDEN, UTAH.—California Packing Corp., 101 California Street, San Francisco, is having plans prepared by P. Bush, Architect, 101 California Street, San Francisco, for packing plant and warehouse here. \$200,000.

VIRGINIA

CHARLOTTESVILLE, VA.—National Bank of Charlottesville is having plans prepared by Marsh & Peter, Architects, 522 Thirteenth Street, Washington, D. C., for eight-story bank, steel and brick. \$200,000.

LYNCHBURG, VA.—Rivermont Avenue Methodist Church, Rev. J. C. Robertson, pastor, 1110 Early Street, is having plans prepared by Craighill & Cardwell, People's Bank Building, Lynchburg, for Sunday school building, probably brick, two stories. Cost, \$20,000.

NORFOLK, VA.—City appropriated \$300,000 for new schools, as follows: One in Colonial Place, addition to Lott Cary School, one at Lamberts Point and completing addition to Walter Herron Taylor School.

NORFOLK, VA.—R. T. Lipscombe, 34 Virginia National Bank Building, and associates, plan to build 100 x 400 ft. brick and steel ice cold storage and dehydration plant. B. Mitchell, Seaboard Bank Building, Architect. \$225,000.

WEST VIRGINIA

ELKINS, W. VA.—Davis and Elkins College, Dr. James E. Allen, president, plans to erect building, two and one-half stories, about 110 x 40 ft., stone. C. L. Harding, Architect, Woodward Building, Washington, D. C. \$60,000. Address Dr. Allen.

HUNTINGTON, W. VA.—Chesapeake & Ohio R. R., Ninth and Main Streets, Richmond, Va., plans to build additions to its shops here. F. I. Cambell, chief engineer. \$500,000.

MORGANTOWN, W. VA.—State Board of Control, Charleston, plans to build steel and cement law building at West Virginia University. H. C. Jones, dean. \$125,000.

WISCONSIN

BEAVER DAM, WIS.—H. J. Esser, Architect, Camp Building, proposes building four-story, 52 x 250 ft., factory, with 38 x 60 ft. wing, mill construction, concrete foundation, for Weyenberg Shoe Co., 130 Reservoir Avenue. \$75,000.

JANESVILLE, WIS.—Parker Pen Co. is having plans prepared by F. A. Carpenter, Architect, 420 Brown Building, Rockford, Ill., for building three-story reinforced concrete and brick factory and office on Court Street. \$100,000.

MADISON, WIS.—City plans to build City Hall. O. S. Norsman, City Clerk. \$300,000.

MILWAUKEE, WIS.—O. Webb, Architect, 544 Forty-ninth Street, is preparing plans for twelve-story, 75 x 120 ft., brick and steel hotel.

MILWAUKEE, WIS.—A. Kuenselmann, 450 Mitchell Avenue, is having plans prepared by W. G. Herbst, Architect, 114 Grand Avenue, for one-story, 140 x 160 ft., reinforced concrete market on Mitchell and Eighth Avenues. \$175,000.

MILWAUKEE, WIS.—Board of Education plans to expend \$800,000 to build schools here.

SUPERIOR, WIS.—City plans to expend \$250,000 to build ward school. E. McKeagul, City Clerk.

WAUBESA, WIS.—Madison-Kipp Lubricating Co., Madison, acquired site here and had tentative plans prepared for one-story, 150 x 200 ft., concrete, brick and steel machine shop here. T. E. Coleman, vice-president and general manager.

WATERTOWN, WIS.—Lutheran congregation plans to build addition to home for feeble-minded. \$75,000.

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ARKANSAS

BLYTHEVILLE, ARK.—City let contract for auditorium to M. Seligman, Citizens Bank Building, Pine Bluff. \$50,000.

CALIFORNIA

LOS ANGELES, CAL.—Bonnie-Reed Film Mfg. Co., Niles, plans to build motion picture plant, consisting of studios, offices, laboratories, warehouse, grandstands, power plant, etc., all frame and plaster construction, on Sunset Boulevard and Bronson Avenue. About \$1,000,000. Train & Williams, 225 Exchange Building, Architects.

VISALIA, CAL.—National Bank of Visalia is considering tentative plans for four or five-story bank and office. \$200,000.

CONNECTICUT

BRIDGEPORT, CONN.—H. E. Frank, 426 Boston Avenue, purchased site on Washington Avenue and Coleman Street and plans to build four or six-story hotel. \$200,000.

BRIDGEPORT, CONN.—Chamber of Commerce plans to construct building to be known as Liberty Memorial Building. Address W. T. Hincks, member of committee. \$750,000.

BRIDGEPORT, CONN.—St. Michael's Polish congregation, 310 Sterling Street, plans to build three-and-one-half-story brick, steel and concrete school on Sterling Street. A. Figlewski, pastor. \$125,000.

BRISTOL, CONN.—New Departure Mfg. Co., 269 North Main Street, let contract for building one-story, 90 x 302 ft., brick shop on North Main Street to Torrington Building Co., 197 Water Street, Torrington. \$60,000.

DANIELSON, CONN.—St. James' congregation will build four-story, 70 x 100 ft., brick, steel and reinforced concrete recreation building. W. H. Cox, 53 State Street, Boston, Mass., Architect. \$60,000.

FAIRFIELD, CONN.—W. Schmidt, Architect, 1188 Main Street, Bridgeport, is receiving bids for two-story, 62 x 96 ft., brick, concrete and steel school, for St. Thomas congregation, Boston Post Road. W. J. Blake, pastor. \$65,000.

HARTFORD, CONN.—N. Carabillo, 5 Edwards Street, will build five-story hotel, 46 x 126 ft., brick and steel, on Farmington Avenue. \$80,000.

HARTFORD, CONN.—J. J. Roche Co., Maple Avenue and White Street, will build two three-story, 50 x 125 ft., brick factories, reinforced concrete flooring and concrete foundation, on Maple Avenue. Ellison Construction Co., 60 Prospect Street, contractors. \$50,000.

MILFORD, CONN.—Town plans to construct memorial building, to include armory, community hall, auditorium and clubhouse. Address M. J. Cheney, 8 Green Street. \$100,000.

NEW HAVEN, CONN.—H. A. Leonard, 902 Chapel Street, proposes building ten-story, 150 x 190 ft., brick and steel apartment hotel on College and Chapel Streets. \$250,000.

NEW HAVEN, CONN.—DeBussey-Kusterer Co., 116 Church Street, will build six-story, 226 x 250 ft., brick, steel and concrete hotel at 239 Whitney Avenue. Plans include garage, gymnasium and swimming pool. \$750,000.

NEW HAVEN, CONN.—T. R. Blakeslee, 84 Norton Street, plans to build six-story, 88 x 108 ft., brick, steel and concrete factory on Hill and Congress Avenues, to be occupied by Bradley-Smith Co. Dwight Building Co., 24 Center Street, engineer. \$65,000.

NEW LONDON, CONN.—H. R. Brewster, Architect, 295 East Seventeenth Street, Brooklyn, N. Y., will build three-story, 70 x 165 ft., brick and concrete theater on Bank Street for C. J. Ducey, Methodist Street. \$75,000.

NEW LONDON, CONN.—Ewing & Chappelle, Architects, 101 Park Avenue, New York City, are receiving bids for dormitory for Connecticut College for Women, Mohegan Avenue. \$125,000.

NEWTOWN, CONN.—Town plans to build memorial high school. \$100,000. E. O. Grisbrook, chairman of committee.

SOUTH WILLINGTON, CONN.—W. H. Hall will build three-story, 60 x 100 ft., mill construction dye house. A. R. Sharpe, Willimantic, Architect. \$40,000.

TORRINGTON, CONN.—I. O. R. M., Mohawk Tribe, Main Street, plans to build clubhouse on Main and East Main Streets. \$60,000.

TORRINGTON, CONN.—Polish Congregation Society plans to build church on Union Street, brick. Address A. Krukor, Torrington. \$75,000.

WATERBURY, CONN.—C. H. Preston, Jr., Architect, 136 Grand Street, will build one-story, 70 x 104 ft., brick and concrete public garage on Hill Street for W. Roberts. \$30,000.

WETHERSFIELD, CONN.—Town plans to build library on Main Street and Hartford Avenue. Address A. W. Hanmer, 71 Main Street. \$50,000.

DELAWARE

WILMINGTON, DEL.—Electric Hose & Rubber Co., Twelfth and Dure Streets, will erect two-story, 63 x 210 ft., brick and reinforced concrete factory. Brown & Whiteside, Dupont Building, Architects. \$60,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—The House of Representatives has passed a bill appropriating \$10,500,000 for constructing hospitals for disabled soldiers and sailors.

FLORIDA

TAMPA, FLA.—McElroy Engineering Co., engineers, Giddens Building, proposes building sugar mill. \$800,000.

GEORGIA

BIBB CITY, GA.—Bibb Mfg. Co., Main Street, Macon, will build two-story brick school and auditorium here. \$50,000.

BUFORD, GA.—Bona Allen, Inc., plans to build four-story, 45 x 200 ft., shoe factory. Lockwood, Greene & Co., Healey Building, Atlanta, engineers.

DUBLIN, GA.—Board of Education plans to issue \$50,000 bonds to enlarge and improve various schools.

LA GRANGE, GA.—International Cotton Mills let contract for building one-story tile and stucco community house, including swimming pool and gymnasium, to H. N. Marshall, Whaley Street, Columbia, S. C. \$65,000.

SAVANNAH, GA.—Reliance Fertilizer Co., 106 Bay Street, is having plans prepared by Lockwood, Greene & Co., engineers, Healey Building, Atlanta, for building reinforced concrete fertilizer factory. \$100,000.

IDAHO

CALDWELL, IDAHO.—J. L. Bardsley Implement Co., Railroad Street, plans to build warehouse. About \$75,000.

CALDWELL, IDAHO.—B. M. Holt Seed & Feed Co., 307 Main Street, plans to build grain elevator. \$100,000.

IDAHO FALLS, IDAHO.—Bonneville County will vote on \$275,000 bonds to build courthouse here.

ILLINOIS

ALHAMBRA, ILL.—Alhambra Grain & Feed Co. plans to build grain elevator. A. Gerbig, president. \$25,000.

CHICAGO, ILL.—Morris & Co., Union Stock Yards, are having plans prepared by D. D. Meredith, Architect, care of company, for seven-story reinforced concrete building to replace one recently destroyed by fire.

CHICAGO, ILL.—J. A. Taggart, Architect, 108 South La Salle Street, will build nine-story, 56 x 96 ft., brick and reinforced concrete addition to hotel on Clarendon and Windsor Avenues for Blackwood Hotel Co. \$250,000.

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Helena, Ark.
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CHICAGO, ILL.—Plans are under way for the erection of a new building, to cost about \$1,000,000, to replace the present Passavant Memorial Hospital Building, Chicago.

CHICAGO, ILL.—Plans are being prepared for the construction of a five-story building for the Ravenswood Hospital Association, Chicago. The building will be 150 x 200 ft., and the estimated cost is \$400,000. Meyer H. Sturm, Chicago, is the Architect.

CHICAGO, ILL.—Bankers Supply Co., 2251 South Park Avenue, will build one-story, 100 x 170 ft., mill construction printing plant, concrete foundation, on State and Fifty-ninth Streets. About \$120,000.

CHICAGO, ILL.—Board of Education will alter existing building and construct three-story, 105 x 120 ft., brick and timber addition to Darwin School on Edgewood and North Albany Avenues. A. F. Hussander, 5 South Dearborn Street, Architect. \$250,000.

DIXON, ILL.—A number of new buildings, including a large number of cottages, are to be added to the State epileptic colony at Dixon, Ill., to accommodate 700 patients.

EAST ST. LOUIS, MO.—Durbin Automatic Train Pipe Connector Co., Terminal Belt R. R. and Bond Avenue, plans to build 100 x 300 ft. addition to iron foundry. V. S. Durbin, president and engineer.

FOREST PARK (OAK PARK P. O.), ILL.—A. Harris, Thirty-fifth and Iron Streets, Chicago, is having plans prepared by H. L. Newhouse, Architect, 4630 Prairie Avenue, Chicago, for one-story, 120 x 200 ft., brick and timber theater and stores on Madison and Des Plaines Streets. \$85,000.

INDIANA

ANDERSON, IND.—The County Council of Madison County, Ind., has appropriated \$50,000 for a tuberculosis hospital to be erected on the Beachler farm, northwest of Anderson, where the county recently acquired a tract of 100 acres for hospital purposes.

HUNTINGTON COUNTY, IND.—The Huntington County Ind., Council recently appropriated \$13,500 to be added to the \$15,000 already appropriated for a nurses' home at Huntington County Hospital.

IOWA

SIoux CITY, IOWA.—Purslow Estate, care of L. B. Longnecker, 914 Jones Street, plans to build eighteen-story hotel, 150 x 150 ft., reinforced concrete, brick and steel, on Fifth and Nebraska Streets. \$1,000,000.

SIoux CITY, IOWA.—War Eagle Corporation, 507 Trimble Block, plans to build eight-story, 150 x 200 ft., reinforced concrete, brick and steel hotel on Sixth and Pierce Streets. \$750,000.

SIoux CITY, IOWA.—Commissioners of Woodbury County let contract for building two-story, 60 x 180 ft., reinforced concrete, brick and steel home on Bronson Road to W. F. Kucharo & Co., 622 Hubbell Street, Des Moines. \$87,880.

KANSAS

HILLSBORO, KAN.—Tabor College let contract for three-story, 90 x 132 ft., college and one-story heating plant, brick and reinforced concrete, to M. J. Green, Manhattan. \$100,000.

HUTCHINSON, KAN.—Merchants Transfer Co. is having plans prepared by Mann & Gerow, Architects, for three-story, 108 x 152 ft., warehouse. \$75,000.

LAWRENCE, KAN.—Board of Education plans election to vote on \$250,000 bonds to build memorial high school. R. A. Kent, superintendent.

MCPHERSON, KAN.—McPherson County is having plans prepared by Mann & Gerow, Architects, Hutchinson, for four-story, 44 x 155 ft., brick and stone hospital. A. J. Cederholm, County Clerk. \$100,000.

MOUNDRIE, KAN.—Unruh & Schlender are having plans prepared by C. W. Shaver, Architect, Saline, for one-story, 50 x 100 ft., brick garage.

SALINA, KAN.—Sisters of St. Joseph plan to build brick and reinforced concrete girls' school. \$300,000.

WELLINGTON, KAN.—City plans to build two-story brick, stone, concrete and steel auditorium. C. Boller & Bros., Architects, Kansas City, Mo., preparing plans. \$150,000.

WICHITA, KAN.—Wichita Union Stockyards Co., Stockyards Exchange Building, is having plans prepared by E. R. Meier, Architect, for three-story reinforced concrete and brick hotel on Twenty-first Street. D. C. Smith, manager. \$75,000.

KENTUCKY

HENDERSON, KY.—Henderson Cotton Mills are having plans prepared by Lockwood, Greene & Co., engineers, Healey Building, Atlanta, Ga., for building brick and concrete steam plant. \$309,000.

LOUISIANA

EDGARD, LA.—St. John Baptist congregation will build 55 x 135 ft. brick and concrete church. J. B. Favrot & Livaudais, Title Guarantee Building, New Orleans, Architects. \$60,000.

NEW ORLEANS, LA.—City is having plans prepared by E. A. Christy, Architect, City Hall, for three-story reinforced concrete, steel and brick hospital on Tulane and Carr Avenues. \$200,000.

MARYLAND

BALTIMORE, MD.—Emmanuel Protestant Episcopal congregation, Cathedral and Read Streets, had plans prepared by W. Ritter, Architect, Cambridge, Mass., for one-story, 25 x 65 ft., steel and stone addition to church. H. D. Harlan, 9 West Biddle Street, chairman Building.

CRISFIELD, MD.—C. D. Briddell is having plans prepared by W. C. Carter, Architect, Crisfield, for one-story, 50 x 100 ft., brick or reinforced concrete factory.

MASSACHUSETTS

ADAMS, MASS.—R. Graves, 132 Commercial Street, let contract for building three-story, 50 x 150 ft., brick garage on Columbia Street to D. S. McGrath, Summer Street. \$50,000.

BOSTON, MASS.—Park Sq. Real Estate Co. is having plans prepared by Dinsmore & LeClear, Architects, 88 Broad Street, for ten-story, 75 x 600 ft., reinforced concrete office on Park Square.

CAMBRIDGE, MASS.—City contemplates remodeling three-story brick, steel and concrete firehouse and police station on Central Square. C. H. Blackall, 20 Beacon Street, Boston, Architect. \$85,000.

MIDDLETON, MASS.—Essex County (Newburyport) let contract for building one and two-story, 40 x 600 ft., brick and concrete tuberculosis hospital to C. E. Currier Co., 10 High Street, Boston. Plans include power plant, administration and ward buildings. \$500,000.

NATICK, MASS.—Northway Motors Co. plans to build one hundred one-and-one-half-story, 28 x 38 ft., brick and concrete houses, macadamized roads, concrete walks and curbs, sewers, etc. J. J. Smith, Old South Building, Boston, Architect. \$500,000.

NEW BEDFORD, MASS.—W. A. Robinson & Co., 144 South Water Street, plans to rebuild plant recently destroyed by fire. Loss, \$75,000.

TAUNTON, MASS.—Immaculate Conception congregation will build two-story, 45 x 80 ft., brick and concrete church on Bay Street. M. J. Reilly, pastor. \$50,000.

WATERTOWN (MIDDLESEX P. O.), MASS.—Board of Education received bids for three-story brick school from L. Mitchell, Milk Street, Boston. \$78,983.

MICHIGAN

BATTLE CREEK, MICH.—Nichols & Shepard let contract for building two-story reinforced concrete boiler plant to Westinghouse, Church & Kerr, 37 Wall Street, New York City. \$120,000.

DETROIT, MICH.—Buhl Malleable Co., Wight and Adair Streets, had plans prepared by Smith, Hinchman & Grylls, Architects, 1318 Book Building, for three-story, 34 x 82 ft., brick, reinforced concrete and steel office. \$50,000.

DETROIT, MICH.—Holley Carbureter Co., 145 East Willis Street, let contract for building factory and boiler house, brick and reinforced concrete, on Epworth Boulevard, to O. Misch, 725 Chamber of Commerce Building.

DETROIT, MICH.—Morgan & Wright Tire Co., foot Bellevue Street, let contract for building seven-story, 140 x 215 ft., brick and reinforced concrete warehouse to Bryant & Detweiler Co., 2336 Dime Bank Building. \$700,000.

DETROIT, MICH.—A. Kahn, Architect, Marquette Building, will design eight-story, 40 x 100 ft., brick, reinforced concrete and steel building on Woodward Avenue for Heyn's Bazaar, 147 Woodward Avenue. E. Heyn, president.

DETROIT, MICH.—American Blower Co., 1400 Russell Street, purchased 20-acre site along Detroit Terminal R. R. tracks, near Gratiot and Grinnell Avenues, and plans to build plant. \$750,000.

DETROIT, MICH.—J. G. Kastler & Co., Architects, 523 Chamber of Commerce Building, will erect two-story,

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120 x 150 ft., brick and steel foundry for Lokomsky Bros., Dubois Street and East Grand Boulevard.

DETROIT, MICH.—C. R. Wilson Body Co., Clay Avenue, is having plans prepared by Esselstyn, Murphy & Hanford, Architects, New Telegraph Building, for reinforced concrete factory; also two-story reinforced concrete addition to present factory. \$450,000.

DOWAGIAC, MICH.—Ruddy Furnace Co. plans to build 50 x 200 ft. addition to foundry. A. E. Rudolph, President.

HIGHLAND PARK (DETROIT P. O.), MICH.—City will build four-story brick and reinforced concrete hospital; also two-story, 32 x 60 ft., power and heating plant. M. J. Sturm, 114 South Michigan Avenue, Chicago, Architect. \$300,000.

JACKSON, MICH.—Frost Gear & Forge Co., Horton and Tyson Streets, plans to build 75 x 150 ft. steel and concrete addition to factory.

MARQUETTE, MICH.—City plans to enlarge electric light plant. \$100,000.

THREE RIVERS, MICH.—Eddy Paper Co., White Pigeon, plans to build plant here. \$1,750,000.

MINNESOTA

DULUTH, MINN.—Board of Education, Glencoe Building is having plans prepared by Croft & Boerner, Architects, Lonsdale Building, for two-story reinforced concrete grade school on Bayview Heights. \$60,000.

MANKATO, MINN.—Eckman Bros. plan to build two-story, 30 x 50 ft., garage, office and workshop, reinforced concrete and brick. H. C. Gerlach, Mankato, Architect. \$30,000.

MISSOURI

BROOKFIELD, Mo.—Board of Education is having plans prepared by M. Martin, Architect, Hannibal, for rebuilding brick and stone school recently destroyed by fire. \$60,000.

COLUMBIA, Mo.—Knights of Columbus plan to build brick and stone dormitory, to include twenty-five rooms, hall, etc. \$50,000.

FULTON, Mo.—Callaway County, Mo., plans to build a \$75,000 hospital at Fulton.

KANSAS CITY, Mo.—Kansas City Mausoleum Co. is having plans prepared by S. Lovell, Architect, 30 North Michigan Avenue, Chicago, for three-story, reinforced concrete mausoleum on 20,000 sq. ft. site here. \$500,000.

OZARK, Mo.—Christian County plans election to vote on \$90,000 bonds to build courthouse.

ST. LOUIS, Mo.—Board of Education purchased site on Louisiana Avenue and Arsenal Street and plans to build three-story brick and concrete high school. R. M. Milligan, 60 Board of Education Building, Architect.

ST. LOUIS, Mo.—Chester Knitting Mill Co., 416 South Fourth Street, proposes building one-story, 50 x 100 ft., brick and reinforced concrete addition to mill at 3864 Laclede Avenue. Woermann Constr. Co., Century Building, will do the work. \$25,000.

ST. LOUIS, Mo.—McQuay-Norris Mfg. Co., 2808 Locust Street, is having plans prepared for building two or three one-story brick factories and power plant near Oak Hill R. R. tracks and Cooper Street. A. J. Mumert, 2808 Locust Street, engineer.

MONTANA

BOZEMAN, MONT.—Commercial National Bank, 40 West Main Street, let contract for building four-story, 55 x 133 ft., bank, brick and steel, to Hoggson Bros., 485 Fifth Avenue, New York City.

HARLOWTON, MONT.—City will sell \$50,000 bonds to build school.

NEBRASKA

FALLS CITY, NEB.—Richardson Co., State Bank and Masonic Building Association are having plans prepared by Fiske & Meginnis, Architects, 533 Bankers Life Building, Lincoln, for three-story, 50 x 113 ft., reinforced concrete and brick bank and temple. \$100,000.

LINCOLN, NEB.—Westminster Presbyterian congregation is having plans prepared by J. R. Smith, Architect, 406 Nebraska State Bank Building, for two-story, 38 x 98 ft., reinforced concrete and brick church on Twenty-third and Garfield Streets. R. A. Lyman, chairman Building Committee. \$110,000.

OMAHA, NEB.—Higgins Packing Co., 1315 Woodmen of the World Building, proposes erecting three-story, 50 x 100 ft., reinforced concrete and brick building at 4701 South Thirty-seventh Street. J. H. Craddock, 504 Farnum Building, Architect.

NEW JERSEY

NEWARK, N. J.—Federal Adding Machine Co., York and Grove Streets, New Haven, Conn., plans to build experimental plant near here. \$250,000.

NEWARK, N. J.—P. B. Taylor, Architect, Essex Building, has plans for building one and two-story, 140 x 168 ft., reinforced concrete and brick factory at 238 Wilson Avenue for American Oil & Supply Co., 52 Lafayette Street. W. F. Hofman, treasurer. \$100,000.

NEW BRUNSWICK, N. J.—Eastern Potash Co., 120 Broadway, New York City, will build plant consisting of ten one and three-story steel and brick buildings here. \$2,000,000.

SOHO, N. J.—Board of Freeholders, Essex County, Newark, is having preliminary plans prepared by R. W. Erler, Architect, 45 Clinton Street, for building tuberculosis hospital here.

UNION HILL, N. J.—Board of Education proposes building three-story, 105 x 192 ft., brick and steel school on Hudson Avenue, between First and Second Streets. J. Lugosch, 21 Bergenline Avenue, Architect. \$200,000.

WEST ORANGE, N. J.—City plans to construct civic center building between Valley Road and Fairmount Avenue, to be known as Liberty Hall. \$100,000.

NEW YORK

BROOKLYN, N. Y.—Belgian Fur Dyeing Co., 321 Manhattan Avenue, will build three-story, 68 x 98 ft., brick and steel factory, 566 Johnson Avenue. \$35,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, let contract for building P. S. 29, five stories, 118 x 192 ft., steel and brick, concrete foundation, Henry and Harrison Streets, to Frymer & Hanna, 25 West Forty-fifth Street, New York City. \$463,960.

BROOKLYN, N. Y.—Carlson & Wiseman, Architects, 226 Henry Street, propose four-story, 75 x 100 ft., brick and steel hospital on Bushwick Avenue and Cedar Street for Bushwick Maternity Hospital, 761 Bushwick Avenue. \$70,000.

BROOKLYN, N. Y.—D. C. Cooley & Co., Architects, 41 Park Avenue, New York City, have plans for building three-story, 45 x 60 ft., brick and steel addition to bakery for B. A. Cushman, Inc., 772 Nostrand Avenue. \$50,000.

BROOKLYN, N. Y.—Shampan & Shampan, Architects, 772 Broadway, have prepared plans to build one-story, 90 x 200 ft., brick and steel garage on North First Street, near Bedford Avenue, for Lurwall Realty Co., 49 Graham Avenue. \$55,000.

BROOKLYN, N. Y.—Shampan & Shampan, Architects, 772 Broadway, have plans for building one-story, 50 x 200 ft., brick and steel garage on Coney Island Avenue and Prospect Park West for Circle Garage Co., 250 Coney Island Avenue. \$45,000.

BROOKLYN, N. Y.—Cushman Baking Co., 44 Manhattan Avenue, is having plans prepared by Slee & Bryson, Architects, 154 Montague Street, for three-story, 60 x 100 ft., brick and steel bakery on Nostrand Avenue and Malbone Street. \$125,000.

BROOKLYN, N. Y.—Lehn & Fink, 120 William Street, New York City, plans to build eight-story, 40 x 100 ft., reinforced concrete factory on Irving and Columbia Streets. Buchman & Kahn, 56 West Forty-fifth Street, New York City, Architects.

BUFFALO, N. Y.—Lafayette Presbyterian congregation, Lafayette and Elmwood Avenues, plans to build memorial community house adjoining church. E. D. Emerson, 587 Ashland Avenue, chairman Finance Committee. \$150,000.

CORTLAND, N. Y.—State Legislature, Capitol, Albany, petitioned to appropriate \$600,000 to rebuild school here. T. E. Finegan, Capitol, Albany, Commissioner State Board of Education.

FAR ROCKAWAY, N. Y.—Far Rockaway Strand Theater, Forty-seventh Street and Broadway, New York City, let contract for building one-story, 144 x 250 ft., brick and steel theater on Central Avenue to M. Shapiro, 52 Vanderbilt Avenue, New York City. \$100,000.

FLUSHING, N. Y.—L. Nixon, Superintendent Public Works, Capitol, Albany, soon receives bids for building barge canal terminal and frame freight shed here. \$162,590.

GENEVA, N. Y.—Geneva Cutlery Co., Torrey Park, plans to build large addition on Gates Avenue to cost between \$75,000 and \$100,000.

HUNTINGTON PARK (HUNTINGTON P. O.), N. Y.—Maynicke & Franke, Architects, 25 East Twenty-sixth Street, New York City, will build one-story, 44 x 113

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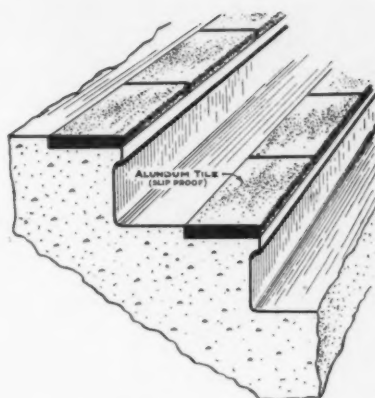
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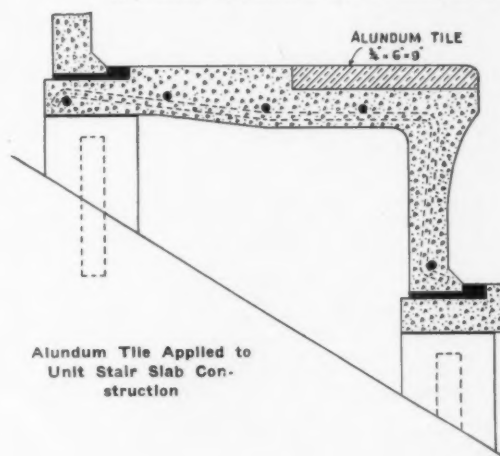
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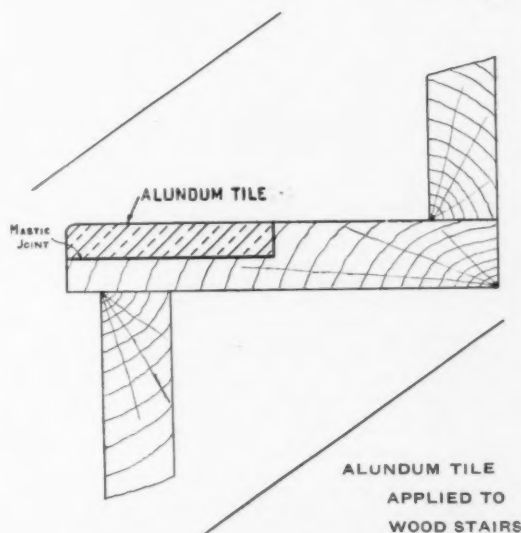
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Application of Alundum Tile to Concrete Steps



Alundum Tile Applied to Unit Stair Slab Construction



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ft., limestone and marble museum here for A. Heckscher, 56 East Forty-second Street, New York City. \$100,000.

LONG ISLAND CITY, N. Y.—S. Kappen & Bros., 68 West Thirty-fourth Street, New York City, had plans prepared by Ballinger & Perrot, Architects, 1328 Broadway, New York City, for six-story, 135 x 489 ft., reinforced concrete factory on Jackson Avenue, between Hulst and Harold Avenues, here. \$750,000.

LONG ISLAND CITY, N. Y.—Englander Spring Bed Co., 88 Thirty-fifth Street, let contract for building two-story, 200 x 200 ft., brick and steel factory on Johnson, Stewart and Varick Streets to Rosenthal Engineering Co., 228 Jackson Avenue, Brooklyn.

NEW YORK, N. Y.—B. S. Coler, Commissioner of Public Charities, proposes building and repairing in male dormitory on Randalls Island.

NEW YORK, N. Y.—H. J. Krapp, Architect, 114 East Sixteenth Street, will build two-story, 189 x 213 ft., brick and steel theater at 4827 Broadway for City Real Estate Co., 176 Broadway. B. Cleveland, president. \$100,000.

NEW YORK, N. Y.—N. W. Levitan, 7 West Forty-fifth Street, is Architect for two-story, 100 x 171 ft., brick garage on Lenox Avenue, between 110th and 111th Streets, for Stalwart Realty Co., care of Ames & Co., 26 West Thirty-first Street. New West Side Garage Corp., lessee.

NEW YORK, N. Y.—S. B. Eisendrath, Architect, 18 East Forty-first Street, will let contract for six-story, 49 x 100 ft., brick and steel store at 255-257 Fifth Avenue for Musher & Co., 140 Liberty Street. \$80,000.

ROCHESTER, N. Y.—Dairyman's League plans to build milk plant here. Address G. M. Tyler, president. \$150,000.

SALISBURY, N. Y.—Board of Supervisors, Herkimer County (Herkimer) is having plans prepared for brick and concrete tuberculosis hospital on Heller site here. \$150,000.

SYRACUSE, N. Y.—Chamber of Commerce plans to build memorial hall. C. A. Chase, 111 Wyoming Street, chairman Executive Committee. \$250,000.

TUCKAHOE, N. Y.—Hodgeman Rubber Co. is having plans prepared by W. L. Stoddard, Architect, 9 East Fortieth Street, New York City, for one-story, 50 x 150 ft., brick and steel factory.

WARDS ISLAND, N. Y.—State Hospital Commission, Capitol, Albany, will build three-story, 22 x 114 ft., brick, steel and concrete dining room at State Hospital here. \$97,630.

WATERTOWN, N. Y.—Northern New York Utilities, Inc., Light and Power Building, proposes one-story reinforced concrete addition to existing generating plant at Effley Falls. J. B. Taylor, president.

NORTH DAKOTA

FARGO, N. D.—City will vote on \$150,000 bonds to build light plant. F. L. Anders, City Engineer.

JAMESTOWN, N. D.—City will vote on bonds to build light and power plant.

WALHALLA, N. D.—Farmers Seed Potato Growers' Association plans to build two-story, 70 x 130 ft., tile warehouse, 100,000 bushels capacity.

WILLISTON, N. D.—Wittenberg Hospital Association plans to build hospital here. \$50,000.

WILLISTON, N. D.—Williston Farmers' Creamery & Produce Co. plans to build creamery. \$30,000.

OHIO

CINCINNATI, OHIO.—Home Financing Co., 1209 Union Commercial Bank Building, is having plans prepared for eight-story brick, steel and concrete freight terminal, warehouse and storage plant on Smith and Mill Streets. A. M. Allen Co., 1900 Euclid Building, engineers. \$3,000,000.

CINCINNATI, OHIO.—Board of Education received bids for building Hoffman School, two stories, brick, on Bloody Run Boulevard, from D. Meinken Co. \$337,554.

CLEVELAND, OHIO.—Cleveland Federal Reserve Bank, Williamson Building, plans to build ten or twelve-story bank and office, 150 x 200 ft., on East Sixth Street and Superior Avenue. \$1,550,000.

CLEVELAND, OHIO.—Commercial Warehouse Co., 250 Arcade Building, had preliminary plans prepared by Fulton & Taylor, Architects, 631 Hippodrome Annex, for ten-story brick, steel and concrete warehouse on Abbey Avenue. \$1,500,000.

CLEVELAND, OHIO.—Automobile Hospital Co., 2076

East Twenty-second Street, plans to build 65 x 150 ft., brick, steel and concrete office. \$75,000.

CLEVELAND, OHIO.—M. Bealls, 2711 Scoville Avenue, had plans prepared by A. Sogg, Architect, 10106 Pierpont Avenue, for one-story, 36 x 90 ft., brick and timber addition to factory. \$25,000.

CLEVELAND, OHIO.—Paul Bros. Co., Citizens Building, is having preliminary plans prepared by W. S. Ferguson Co., Architects, 1900 Euclid Avenue, for building three-story salesroom, 99 x 133 ft., on East Eighteenth Street, near Euclid Avenue. \$115,000.

CLEVELAND, OHIO.—L. C. Banderlean, Arlington Avenue, is having plans prepared by W. R. Powell, Architect, 705 Rose Building, for one-story, 60 x 93 ft., brick, steel and concrete garage on Arlington Avenue. \$75,000.

CLEVELAND, OHIO.—Board of Education plans to build one-story brick, steel and concrete school on Miles Avenue, and one-story addition to school on Warner Road, costing \$100,000 each. W. R. McCormack, East Sixth Street and Rockwell Avenue, Architect.

CLEVELAND, OHIO.—Beckman Co., Fulton Road, is having preliminary sketches prepared by Lockwood, Greene & Co., engineers, 38 South Dearborn Street, Chicago, Ill., for building two-story brick and reinforced concrete weaving factory on Fulton Road. \$175,000.

CLEVELAND, OHIO.—Forbes Chocolate Co., 5100 Superior Avenue, plans to build brick, steel and reinforced concrete candy factory on Ridge Road and Dennison Avenue. \$250,000.

CLEVELAND, OHIO.—Ohio Blower Co., West Ninety-third Street and Detroit Avenue, plans to build two-story brick, steel and concrete addition to factory. \$25,000.

CLEVELAND, OHIO.—Giatrou-Silver Co., 727 Bolivar Road, let contract to build three-story, 40 x 80 ft., brick and concrete warehouse and store to A. A. Lane, 1836 Euclid Avenue. \$75,000.

CLEVELAND, OHIO.—City proposes six-story concrete and steel public hall on East Sixth Street and Lakeside Avenue. Total cost, \$3,000,000.

CLEVELAND, OHIO.—D. R. Hanna, 511 Leader-News Building, let contract for building eighteen-story office, 199 x 210 ft., brick, reinforced concrete and steel, on East Fourteenth Street and Euclid Avenue, to J. Gill & Sons Co., 1301 Citizens Building. \$2,500,000.

CLEVELAND, OHIO.—Home Specialty Co., 1051 Power Avenue, let contract for building two-story, 80 x 160 ft., brick, steel and concrete factory on East 152d Street and Woodworth Avenue to S. W. Emerson, 1900 Euclid Avenue. \$75,000.

CLEVELAND, OHIO.—Sterling Spring Co., 2148 Scranton Road, awarded contract for building one-story, 100 x 150 ft., brick, steel and concrete factory to S. W. Emerson, 1900 Euclid Avenue. \$30,000.

CLEVELAND, OHIO.—Board of Education, East Sixth Street and Rockwell Avenue, plans to build two-story brick, steel and concrete school on West Twentieth Street and Spring Road. W. R. McCormack, East Sixth Street and Rockwell Avenue, Architect. \$75,000.

COLUMBUS, OHIO.—F. L. Packard, Architect, Hayden Building, will build six-story, 25 x 96 ft., concrete and brick bank and office on High and East Main Streets for Franklin Loan & Savings Co., 347 South High Street. \$100,000.

DAYTON, OHIO.—Pretzinger & Musselman, Architects, Reibold Building, has plans for six-story, 45 x 70 ft., reinforced concrete addition to Callahan Bank Building, Third and Main Streets. \$125,000.

DAYTON, OHIO.—Gem City Building and Loan Association, 12 North Main Street, plans to build one-story, 37 x 110 ft., steel and concrete commercial building. Schenck & Williams, Architects, Mutual Home Building.

DAYTON, OHIO.—Refiners Oil Co., 515 South Main Street, plans to build three or four-story office.

DAYTON, OHIO.—Dayton Fan & Motor Co., South Ludlow and Bayard Streets, is having preliminary plans prepared for building factory with 100,000 ft. floor space. \$175,000.

YOUNGSTOWN, OHIO.—The City Council of Youngstown, Ohio, has authorized the issuance of bonds for \$250,000 to be used in the erection of a municipal hospital.

OKLAHOMA

BLACKWELL, OKLA.—Blackwell Hotel Co. is having plans prepared by L. H. Bailey, Architect, 1214 North Oklahoma Street, Oklahoma, for four-story, 100 x 140 ft., reinforced concrete and brick hotel.

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DURANT, OKLA.—City will vote on \$120,000 bonds to build high school.

ENID, OKLA.—G. H. Harryman, 113 West Pine Street, plans to build 50 x 150 ft. brick and stone theater on Independence Street. \$50,000.

ENID, OKLA.—Board of Education soon receives bids for building two-story, 70 x 140 ft., reinforced concrete and brick grade school to cost \$110,000; also three-story, 64 x 125 ft., reinforced concrete and brick addition to high school costing \$100,000. R. W. Shaw, Beck Building, Architect.

OKLAHOMA, OKLA.—Sterling Refining Co., 319 Mercantile Building, plans to build two-story, 50 x 50 ft., marble and brick office. \$50,000.

PAULS VALLEY, OKLA.—Board of Education let contract to build two-story, 72 x 112 ft., reinforced concrete and brick high school to Manhattan Construction Co., Third and Fondulac Streets, Muskogee. \$54,985.

PONCA CITY, OKLA.—Board of Education is having plans prepared by Layton & Smith, Architects, 701 Southwest Reserve Bank Building, Oklahoma, for building one-story brick and stone school. \$60,000.

PONCA CITY, OKLA.—Christian congregation is having plans prepared by Layton & Smith, Architects, 701 Southwest Reserve Bank Building, Oklahoma, for two-story, 70 x 150 ft., brick and stone church on Fifth and Grand Avenues. \$50,000.

TULSA, OKLA.—Trinity Episcopal congregation plans to build church. \$150,000.

OREGON

EUGENE, ORE.—University of Oregon is having plans prepared by E. F. Lawrence, dean, for constructing woman's building adjacent to Hendricks Hall. \$125,000.

HEPPNER, ORE.—Heppner Hotel Co. and Heppner Improvement Co. are having plans prepared for 80 x 100 ft. hotel.

LAKEVIEW, ORE.—Commercial Hotel Co. is having plans prepared by F. J. De Longchamps, Architect, Lakeview, for large concrete hotel building.

MOLALLA, ORE.—Molalla Fire Clay Co. plans to build one kiln pottery factory on 32-acre site northwest of here. B. S. Sineheimer, secretary.

MARSHFIELD, ORE.—City plans to build armory. \$50,000.

OREGON CITY, ORE.—Willamette, West Linn and Bolton school districts plan election to vote on \$62,500 bonds to purchase site and build union high school. Board of Education, District No. 3, in charge.

PENNSYLVANIA

JUNIATA, PA.—Juniata College is having sketches prepared by G. E. Brumbaugh, Architect, Real Estate Trust Building, Philadelphia, for group of college buildings here.

NEW KENSINGTON, PA.—Dispatch Printing Co., 324 Ninth Street, had plans prepared for printing plant. \$35,000.

PHILADELPHIA, PA.—Finance Co. of Pennsylvania, 1420 South Penn Square, plans to build twenty-one-story office building. G. H. Earle, Jr., president. \$1,500,000.

PHILADELPHIA, PA.—The Christopher Columbus Italian Memorial Hospital is to be erected in Philadelphia at a cost of \$300,000. The institution will be in charge of the Missionary Sisters of the Sacred Heart.

PHILADELPHIA, PA.—J. J. Felin Co., Inc., 4148 Germantown Avenue, plans to build three-story, 40 x 89 ft., steel, concrete and brick paving plant at 4142 Germantown Avenue. C. B. Comstock, 110 West Fortieth Street, New York City, Architect. \$50,000.

PHILADELPHIA, PA.—Department of Public Works, City Hall, plans constructing group of one-story reinforced concrete, brick and timber buildings at League Island Park, to include comfort building, stable, yard, superintendent's quarters, boathouse and bandstand. R. E. White, Pennsylvania Building, Architect. \$250,000.

PITTSBURGH, PA.—K. Solomon, Frick Annex, plans to build three-story, 82 x 154 ft., reinforced concrete and brick garage at 513-523 Water Street. \$125,000.

SCRANTON, PA.—Heath Silk Co. let contract for three-story, 50 x 170 ft., brick mill on Maple Street and Meadow Avenue to P. Stipp, 327 North Washington Avenue.

RHODE ISLAND

CENTRAL FALLS, R. I.—Our Lady of Perpetual Help congregation, 310 High Street, Pawtucket, let contract for building two-story, 50 x 100 ft., brick church here to T. Walczak, Mill Street. \$90,000.

NEWPORT, R. I.—Cushing Memorial, care of Delano & Aldrich, Architects, 126 East Thirty-eighth Street, New York City, awarded contract for building 39 x 56 ft. stone and marble memorial on Bellevue Avenue to Central Building Co., 58 Front Street, Worcester, Mass. \$50,000.

PROVIDENCE, R. I.—City will build two-story central heating plant. J. H. Gainer, Mayor. \$50,000.

PROVIDENCE, R. I.—Rhode Island Hospital, Eddy Street, proposes building three-story brick, steel and reinforced concrete addition. K. Taylor & Co., Federal Street, Boston, Mass., Architects. \$100,000.

PROVIDENCE, R. I.—Marine Eng. & Drydock Co., 170 Westminster Street, let contract for building one-story, 60 x 303 ft., brick and timber machine shop and office on Allens Avenue to Interstate Constr. Co., 29 Weybosset Street. \$85,000.

PROVIDENCE, R. I.—Women's College of Brown University, 172 Meeting Street, will build four-story brick, steel and concrete dormitory, concrete foundation, to include reading, recreation and dining rooms. L. S. Ping, dean. Andrews, Jacques & Jones, 50 Congress Street, Boston, Architects. \$150,000.

WOONSOCKET, R. I.—Social Amusement Co., care of W. F. Fontaine, Architect, Federal Building, is having plans prepared for moving picture theater on Cumberland Street. \$50,000.

SOUTH CAROLINA

COLUMBIA, S. C.—The South Carolina Baptist Hospital at Columbia, S. C., is preparing to erect a hospital eight stories, 104 x 208 ft., the construction to consist of concrete, steel, brick and stone.

ELK POINT, S. C.—St. Joseph congregation contemplates building one-story, 50 x 143 ft., brick and stone church. F. R. Salmon, pastor. W. L. Steele, 502 United Bank Building, Sioux City, Iowa, Architect. \$60,000.

NORTH CHARLESTON, S. C.—General Asbestos & Rubber Co. is having plans prepared by Lockwood, Greene & Co., Architects, Healey Building, Atlanta, Ga., for reinforced concrete and steel power plant. \$75,000.

SOUTH DAKOTA

WATERTOWN, S. D.—Board of Education will build brick, concrete and stone high school on First Avenue, S. E. \$300,000.

TEXAS

DALLAS, TEX.—City to build schools. G. D. Fairtrace, City Engineer. \$750,000.

SAN ANGELO, TEX.—City will probably vote on \$500,000 bonds to build electric light and water plant.

WASHINGTON

SEATTLE, WASH.—Regents, of the University of Washington will build philosophy hall. Bebb & Gould, Securities Building, Architects. \$200,000.

SEATTLE, WASH.—Bekins Moving & Storage Co., Twelfth and Madison Streets, let contract for building six-story, 50 x 200 ft., concrete warehouse to Ferro Concrete Co., Empire Building. \$100,000.

WEST VIRGINIA

MONTGOMERY, W. VA.—Board of Education will build two-story, 88 x 144 ft., brick high school, also 45 x 82 ft. grade school. Cost, \$80,000 and \$20,000 respectively. A. F. Wysong, Princeton, Architect.

WISCONSIN

MILWAUKEE, WIS.—City let contract to build Bay View High School to P. Riesens Sons Co., 1018 Humboldt Street. \$50,000.

SALMO, WIS.—Ashland and Bayfield Counties, Wis., have appropriated \$30,000 each and Iron County has appropriated \$20,000 to build a tri-county tuberculosis sanatorium near Salmo.

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