

The AMERICAN ARCHITECT



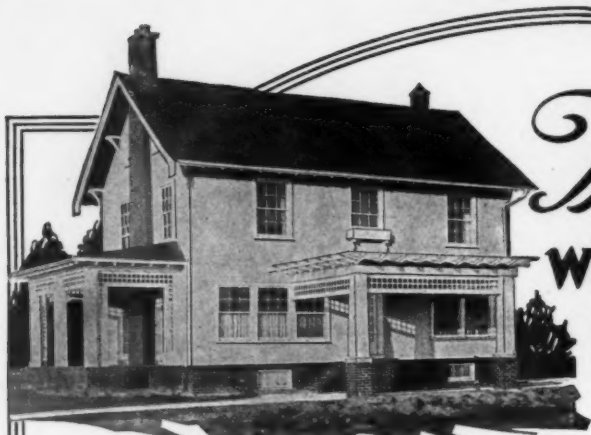
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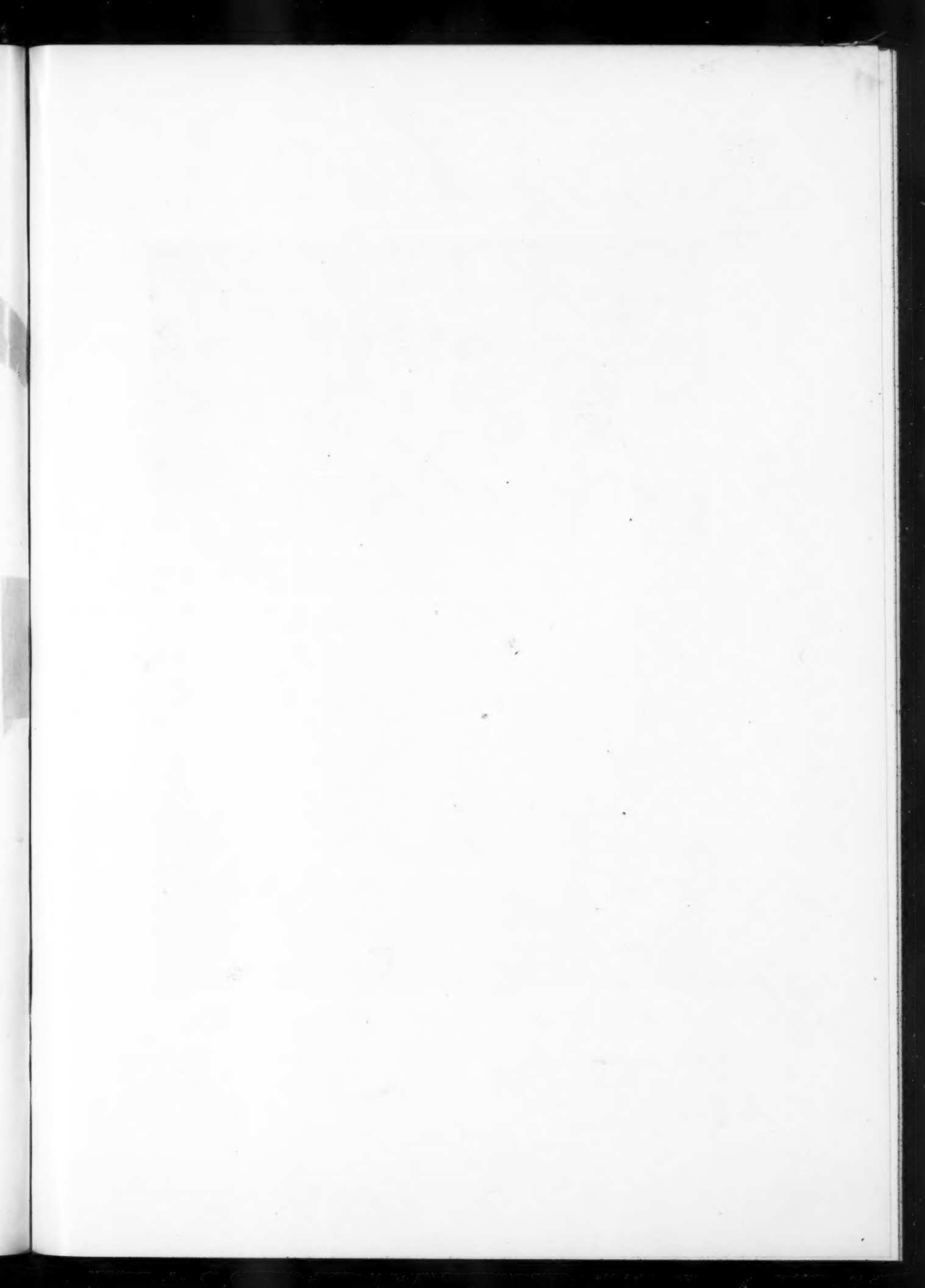
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Cincinnati, Ohio







DOOR OF A HOUSE IN GENOA

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VOL. CXVI

WEDNESDAY, SEPTEMBER 24, 1919

NUMBER 2283

The Report of the United States Housing Corporation

Illustrated by Examples of Community and Group Buildings

A CLOTH bound book of more than 500 pages, size 9 x 12, is the report of the United States Housing Corporation. It treats of activities during the war, in the housing of war workers, of the Bureau of Industrial Housing and Transportation of the Department of Labor. It should be in the hands of every architect in this country.

Every phase of the question of industrial housing is fully treated in a series of articles, carefully prepared, and there are, in addition, more than two hundred and fifty illustrations of typical examples in the more than forty-five different localities where housing for industrial workers was undertaken under Government control during the war.

There is no connection between this report and that of the United States Shipping Board, illustrations from which have recently appeared in THE AMERICAN ARCHITECT. This report of the Housing Corporation may be fairly said to be of greater importance than any work on housing that up to this time has been published.

It contains the result of investigation and study, all carried on with the unrestricted opportunity that clothes Governmental authority. The men who have contributed and who formed the nucleus of this organization are acknowledged the most authoritative in this country. Whether architects, engineers, town planners or those whose study has been the sociological aspect of housing, each has come to the work assigned to him equipped to secure the very utmost of practical result.

In illustrating the work of the United States Shipping Board, the detached and semi-detached house, with respect to its regional location, was fully set forth. In this report these types are as interestingly shown, but in order to cover as fully as possible all the many types of buildings that form the industrial housing groups, only the buildings properly belonging to the community center are treated in this issue. The extracts from this report have been culled with particular reference to a fur-

ther discussion of the planning and designing of the low cost house.

It was realized at the outset of these large and widely distributed operations that in addition to the influence of locality, the effect of climate on the design of houses, there was also the important influence of local custom. The report, in part, follows:

Investigation of the requirements of workmen in different localities showed generally a preference for established local types. In the Middle West and on the Pacific coast it was the bungalow; in the smaller towns, single or possibly semi-detached houses; while the workmen in the Philadelphia Navy Yard would consider nothing but the row house. As the houses were to be occupied by these workmen, their wishes were complied with so far as their earnings indicated their ability to pay for them.

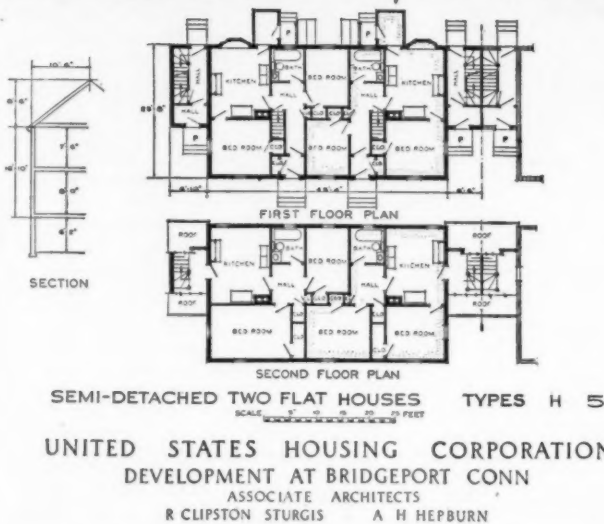
In order to lessen the burden on transportation facilities, materials available in local markets were given preference, even at increased cost in some instances. Where brick and terra cotta were manufactured in quantity they were used for exterior walls; slate sometimes replaced the usual asphalt slate-coated shingles, and plaster board the usual spruce lath.

In congested localities where the row house and the apartment house were the predominant types, brick was generally used for the exterior walls. It reduced fire risks, and where smoke would make a stucco surface unsightly and necessitate the frequent painting of wood, the use of brick reduced the maintenance charges.

Early the question of the substitution of materials, owing to the rulings of the War Industries Board that prohibited the use of metals and other building materials, became important, and forced the use of materials of construction not customary in the best practice.

The restriction in the use of metals, which at first affected only copper and lead, later limited the use of steel and of zinc, which had been adopted as a flashing material after tin and galvanized iron were no longer available. This required the avoidance of flashing by special details of frames and the use of asphalt-coated flashing in many cases. Gutters and downspouts were made of wood where they could not be omitted entirely, and deck roofs, ordinarily tin, were covered with canvas or more frequently with some prepared roofing.

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The conservation of metals became a most vital question. Plumbing was arranged for the minimum use of pipe, even at the expense of some features in the plan. All fixtures were arranged to have the shortest possible runs to the stack and the kitchen range with the hot-water tank was placed so that the runs of supply pipe were reduced to a minimum. In all dwellings, except where superimposed bathrooms occurred and where fixtures were more than 10 feet from the stack, all venting of traps was dispensed with and cast-iron drum traps were adopted. After thorough tests had proved that the seal could not be destroyed by siphoning, a special fitting was adopted for bathroom waste connections by which all the connections to the stack were made with a single fitting. Galvanized wrought-iron pipe was used for all waste pipes.

For houses of the size generally built hot air offered a thoroughly satisfactory system of heating. It was adopted because of small initial cost and economy of metal. Electric wiring was reduced to one outlet in each room with switches for the hall light only.

The use of white paint except for exterior trim was

prohibited because of the shortage of lead and zinc oxide. Chrome yellow and green were held for the exclusive use of the Army for camouflage purposes. Interior woodwork was given one coat of an oil stain for protection until such time as the supply of materials would allow finishing with varnish or paint. Shingles without paint or stain were used for exterior walls in many cases where the climate gives a good color from weathering.

GENERAL OBSERVATIONS

Under the necessities of war, certain forms of construction were decided on which in peace time would not have been resorted to.

The War Industries Board was the final arbiter in nearly all cases as to forms of construction and materials. Naturally, the policies which they determined from the point of view of general economy of material and transportation did not always produce results which were satisfactory from the point of view of our particular housing developments. In the light of our experience it is obvious also, now that the war is over, that, as was inevitable, some errors were made and that some construction, though it aimed at economy, did not so result.

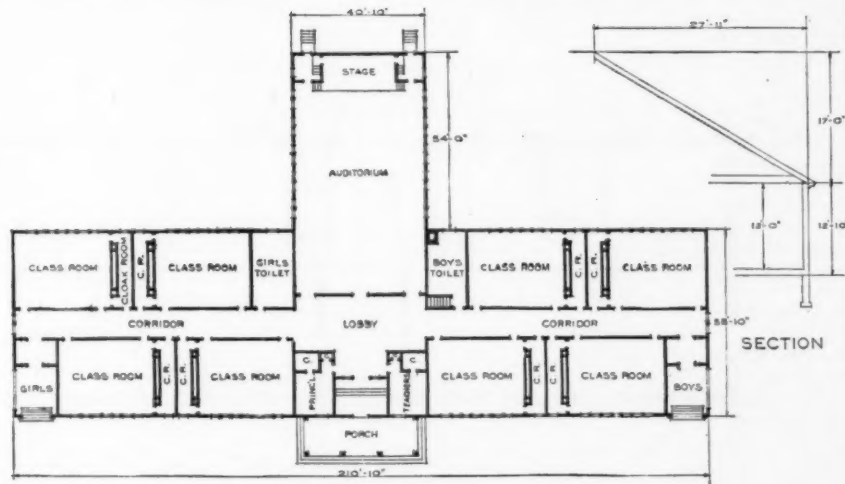
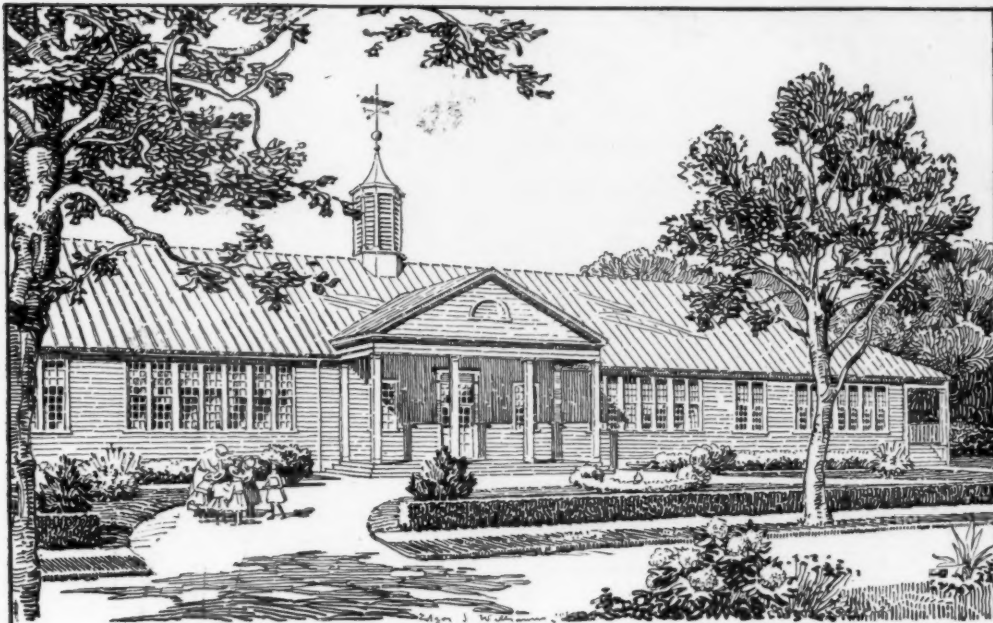
In the descriptions of the dwellings for each project, certain features particular to the project have been noted. The general faults, however, if faults they may be called under the circumstances, common to all or at least to a great many of the Corporation's developments, are sufficient in number and importance to be discussed here, so that the prospective builder may be warned against the so-called Government standards (both design and construction) without careful consideration of those

deficiencies which were compelled by the war. In speaking of these defects in connection with the Government housing, the corporation is in many cases calling attention to faults common also to a very large percentage of pre-war houses built privately,—houses which though cheap to build are costly to own because of the repairs consequent to inferiority of construction, or inconvenient to live in on account of poor design.

For example, let us consider the plans generally. It is to be noted that many rooms, while perfectly livable, lack in size just the few square feet required to give real comfort. These few feet save a large amount of money in the aggregate of all the houses built, but the money would be well spent under ordinary circumstances in providing the extra accommodations.

The same comment is applicable in many cases to porches. Similarly a large saving was effected by omitting the finish in attics, where oftentimes there was sufficient space for an extra room which if lighted by a dormer window would have been at least as comfortable as a small room on the second floor.

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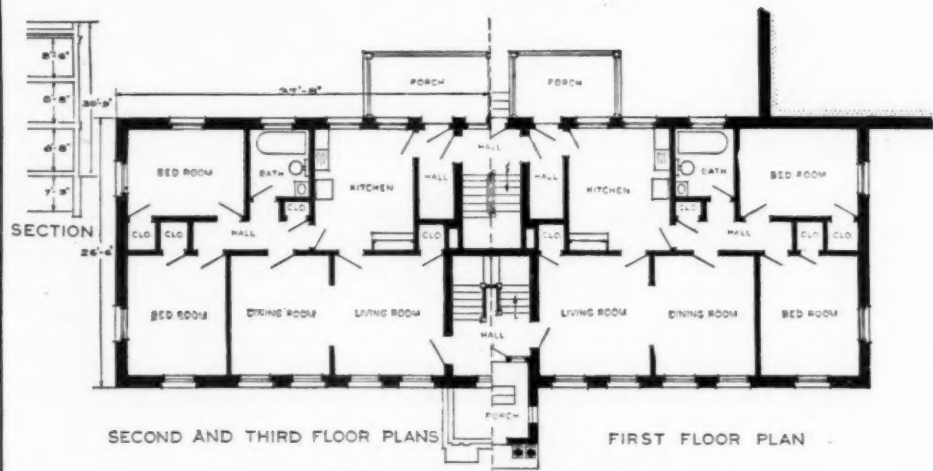
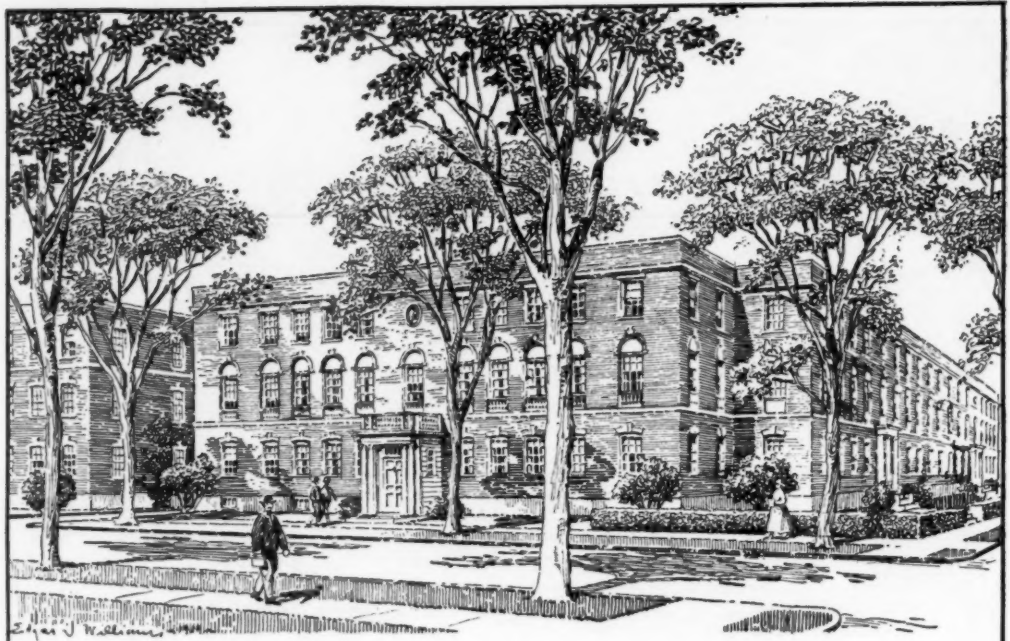
FLOOR PLAN
SCHOOL

SCALE 10 20 30 40 50 FEET

UNITED STATES HOUSING CORPORATION
DEVELOPMENT AT INDIAN HEAD MD

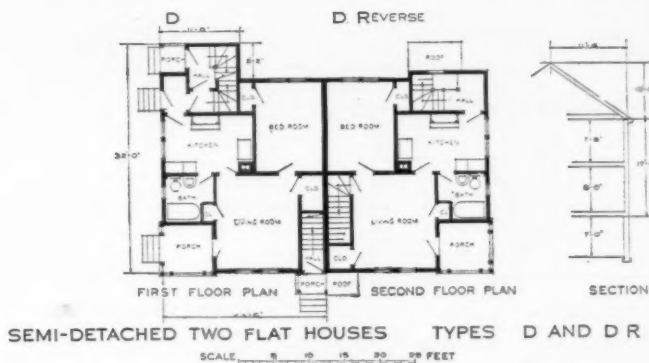
ARCHITECTS DONN AND DEMING

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UNITED STATES HOUSING CORPORATION
 DEVELOPMENT AT BRIDGEPORT CONN
 ARCHITECT R CLIPSTON STURGIS

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UNITED STATES HOUSING CORPORATION
DEVELOPMENT AT BATH MAINE
ARCHITECTS PARKER THOMAS AND RICE

But the greatest savings were made in materials, lumber, and millwork, including both the quality and kind; also in the design of moldings.

Attention should be called to the many roofs which have insufficient pitch to drain properly. A roof with insufficient pitch will leak unless the roof covering is such as is usually placed on flat roofs. With such materials as slate, asphalt shingles, and wood shingles, a roof with a pitch of less than 30° is bad. In the case of wood shingles it is specially bad, as, besides the consequent decay to the construction of the roof, the shingles themselves rot so quickly as to require renewal in a few years.

Flashings in many of the Government projects are of other materials than metal, for metal was the scarcest of all war material and most requisite for the war. Flashings should be of tin or, better yet, lead or copper, as those last two materials are practically everlasting. For flat roofs, too, copper is much to be preferred. Many of the projects are built on sites of such soil formation as would ordinarily require that the cellars be waterproofed,

but in no case has this been done. Where cellars are dug in clay or rock or shale, it is advisable to waterproof not only the outside of the cellar walls but also under the cellar floors. Tile drains at the footings are of great value, but where water pressure is likely to exist the tile drains are not always sufficient.

It is inadvisable to stucco walls down to the grade level, as was done on some projects. Capillary attraction causes moisture from the earth to permeate the stucco and frost cracks it off of its backing.

When a chimney flue is required to be 8 by 8 inches or 8 by 12 inches no part should have less than that area. It seems almost unnecessary to state this, but the error occurred sufficiently often among the thousands of houses built for the corporation, and it occurs in common practice to such an extent as to be worthy of note.

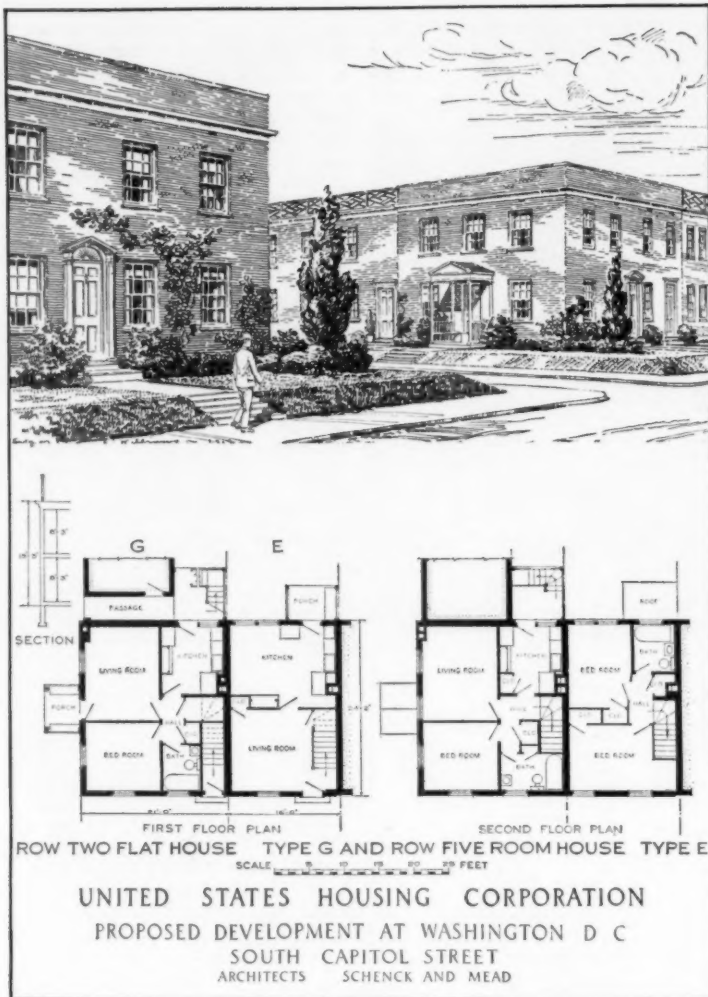
The millwork on moldings furnished for the corporation's houses is, generally speaking, coarse in detail and poor in quality. There are but few exceptions. It was considered necessary as a war measure to use stocks on hand with the mills rather than to cut the moldings anew. As a result many of the cornices of houses and many of the other molded parts, such as porches, are too heavy in appearance, by no means as good as the details made by the architects in these cases. This is as true of interior millwork as it is of the exterior. But, all in all, except where a few houses depended upon their millwork for their refinements, there is no very glaring fault in the general design due to the conditions stated.

The quality of material, however, is quite another matter, and there is so much inferior quality of woodwork that it would almost seem that a great part of the second-grade wood trim and boarding in certain parts of the country must have been used up on the Government's housing. We find siding of such poor quality as to raise the question of the advisability of using it, even in war times, and flooring which proved to be more economical to discard than to use because of the great cost of laying. Lengths less than 3 feet, as a rule, might better be discarded or used in closets.

Exception may be justly taken to the design of many of the knobs and fancy plates with which the doors are fitted. They would have looked much better had they been perfectly plain rather than highly ornamented. They are evidently stock which had existed for some time and the best that can be said for them (as well as the inferior wood used) is that by their use the market is purged to that extent and therefore houses built in future will not have them because they are cheap.

As a rule it is wise to have too much heating capacity in a house rather than too little, but in most of the Gov-

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ernment houses the question still arises whether smaller furnaces would not have been sufficient. In connection with the heating, exception may well be taken to the positions of the wood lattice coverings of the cold-air returns in the floors. They should have been placed in side walls, as was done at two of the projects. It would, of course, have helped matters had metal grilles been used, but even in this case the openings might be at corners of rooms rather than in places over which persons are required to pass.

The uniformly high-grade designs of the houses and the care with which they were worked out by the architects leave little to be said in general criticism of them. The few minor details which might be noted are, however, worth consideration for future building.

In many houses headroom on stairs could be bettered by beveling the header beam of the staircase well.

In all the houses, except in the development at Newport, R. I., no provision has been made for access to attic spaces. At Newport a ladder was constructed between the studs directly beside the opening in the attic floor. This is

a very simple way of getting to the attic.

A great majority of the houses have wooden gutters and downspouts. In cases where the wood gutters are built into the cornice the appearance is much better than in cases where they are hung like a metal gutter. The wooden downspouts or leaders should always receive a coat of asphalt paint on the inside to preserve the wood.

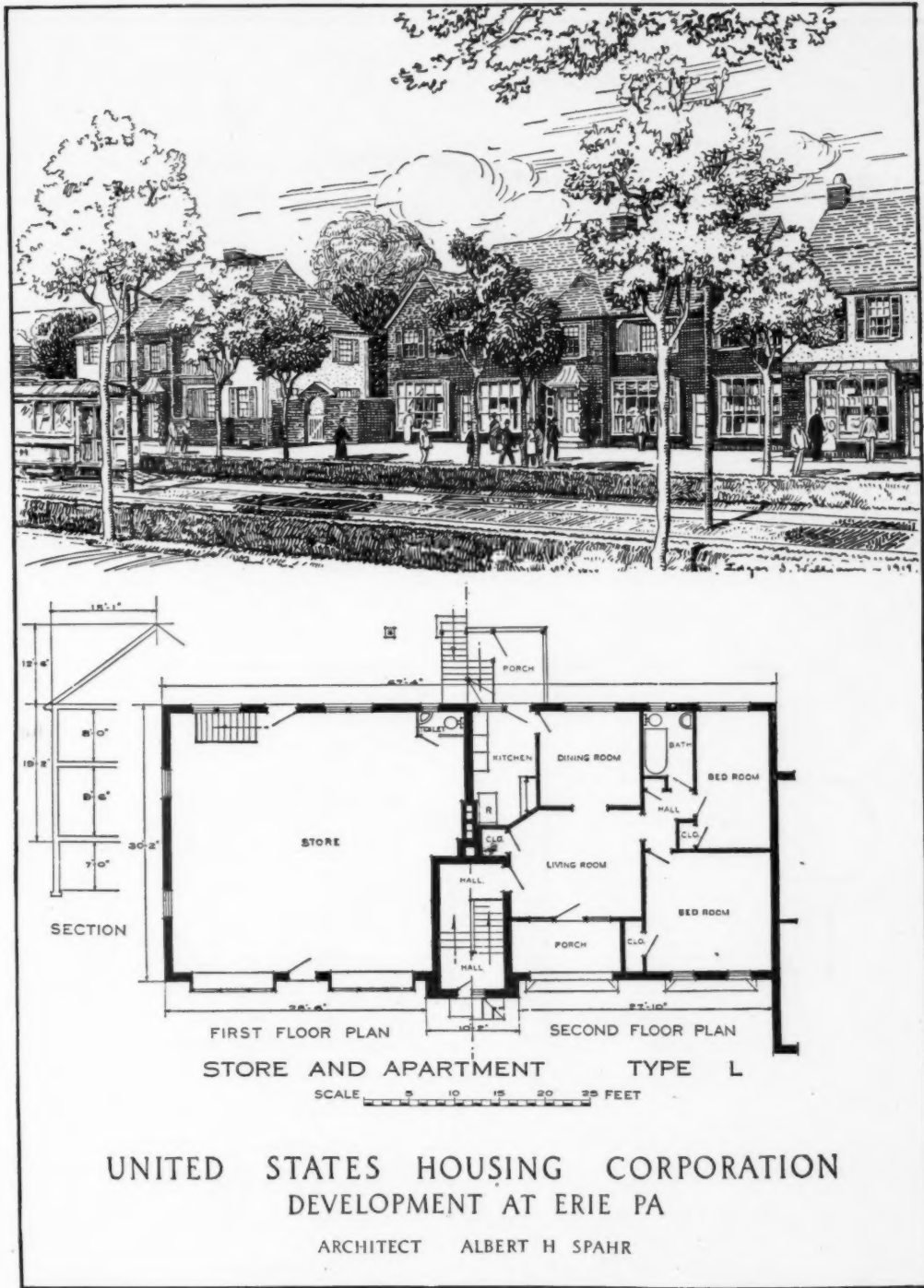
The foregoing criticisms apply to certain instances of the work of the United States Housing Corporation. In relation to building generally many warning notes could be sounded in the hope of raising the standard of house construction, but this would be out of place in the present report. It is hoped, however, that with the foregoing notes the "housing standards" as used in the work of the Housing Corporation may be of value in suggesting certain economies in the use of materials, and general saving for the house builder, and better housing for the vast number of home makers whose right it is to get a return of a dollar's worth for a dollar spent.

In every case where organization was created, one and perhaps the first question to be settled was the method of procedure in design. Referring to the early studies, the report states:

The difficulty of this work, and the need for it, in face of the large program in view, was increased by the lack of experience in this country in regard to housing on a large scale. Modern workmen's villages of England and the Continent, while usually excellent in design as to appearance were not suited to our living conditions and methods of construction. Little information was available concerning the few private developments and the work of speculative builders, which ranged in quality from good houses offered on fair terms down to anything that could command a market. So that the architects from all parts of the country who very generously complied with requests for drawings of houses which they had built, approximately suitable for the proposed housing developments, furnished the real basis upon which this preliminary architectural work was done.

A conference called by Mr. Eidlitz of a number of prominent architects, town planners, sociologists and men interested in industrial problems resulted in a report issued in March, 1918, as a bulletin by the Department of Labor under the title "Standards Recommended for Permanent Industrial Housing Developments," which later became a sort of accepted description of normal types and standards for all developments. On the basis of the standard requirements established in this report all the plans collected were compared, and the most promising types selected for

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A black and white architectural sketch of a street scene in New York City. The central focus is a large, multi-story brick building with a steep gabled roof and several windows. To its right is a taller building with a prominent clock tower and a cross on top. A few figures are visible on the street in front of the buildings, and a small tree stands to the left of the main building.



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study and revision. The resulting plans were called for lack of a better name "standard plans." They were intended to serve as condensed practical guides to architects employed, rather than as hard and fast forms. The architect, while held to a proper limitation, and given a tentative solution, was free to exercise his own ingenuity in the improvement of the plan, in the design of the exterior, and in its execution. He was told in a letter of instruction issued that "we must depend upon simplicity of design, the avoidance of unnecessary variety in types, and plain common sense in the choice of materials, to get our cost down to rock bottom. Our problem is to build houses which workmen will like to live in and which they can afford to rent and buy * * *"

As the standards developed, many types were discarded which were too large in area or cubage or which did not give a relatively large ratio of room area to total area. Thus a great deal of experience was gained beforehand which otherwise would have been gained only with much greater expense and delay during the actual progress of the work. Originally conceived to represent minimum requirements, the imperative need of securing as many houses as possible with a limited sum of money often turned the standards into maximum requirements, and although a write-off of abnormal "war costs" was contemplated, any excessive expense incurred entailed the danger that workmen might still be unable to afford the houses. Almost before the standard plans were finished increasing cost of building had rendered many of the larger types impracticable for our purposes. Some types also, though correct as to size of units, were discarded because certain other quite uniform arrangements of plan worked better. It developed also that bathrooms and kitchens, especially in their relation to each other in the matter of plumbing, could advantageously be arranged according to plans so constant as to become practically standard. All the standard plans are published, however, with the thought that they will prove interesting in comparison with the plans which were finally developed from them by the architects to meet special local conditions.

The principal types of houses as evolved were:

TYPES OF HOUSES

(Principal types only.)

- Type 1. Single-family house.
- Type 2. Two-family house.
- Type 3. Single-family house with rooms for lodgers or boarders.
- Type 4. Lodging house for men.
- Type 5. Hotel for men.
- Type 6. Lodging house for women.
- Type 7. Hotel for women.
- Type 8. Tenement house.
- Type 9. Boarding house.

The standard plans as referring to such of these types as might properly be classed as buildings in the community group is as follows:

DORMITORIES

Originally dormitories were planned for men and for women with bedrooms about 11 feet by 7 feet 6 inches and 8 feet high, for a single occupant. In the dormitories for women a living room, laundry, and special toilet arrangements, and a room and bath for the matron were required.

None of these were provided in the dormitories for men, the caretaker using the general baths. Bedroom closets increased the size and cost of the building, so open shelves having hook strips below were used with provision for curtains of washable material. No dormitory over two stories high was contemplated, but later an exception was made in the case of the Washington, D. C., dormitories with the use of nonflammable outside walls, because of inadequate available land. Transverse fire partitions with self-closing fire doors divided long buildings, and fire escapes were provided at the ends of corridors.

It soon became apparent that in most communities dwellings were especially needed for men with families or dependents, as quickly as an adequate number of suitable dwellings could be constructed. The single men could largely be cared for as boarders, and the single women were thus generally the only class to be continuously housed in dormitories. It seemed probable that dormitories originally used for a sudden influx of men workers would revert eventually to women. Therefore, it was decided that all dormitories should be built so that they might be made available for women.

The standard dormitory as illustrated accommodates 57 or 59 men, S 27 accommodates 93 men and has a small lounging room and an office, but no living room. The outside porch is glazed and screened to serve as a living room in winter and summer.

CONVERTIBLE HOUSES.

The so-called convertible type house is of permanent construction, designed to be used for a period as a boarding house or dormitory and to be altered by slight changes in partitions and the addition of bathroom and kitchen fixtures for use as semidetached or row dwellings. This type is illustrated by houses at Alton, Ilion, Aberdeen, and Indianapolis.

APARTMENTS.

A limited number of apartment houses were projected by the corporation as at Staten Island, Bridgeport, Bethlehem, Perth Amboy, Puget Sound, Vallejo, Erie, and Washington, D. C. They were housekeeping apartments having three to five rooms each, usually with brick walls and wooden floor construction. A number of these apartments furnish an interesting basis for comparison on the special requirements due to local custom and climate.

CAFETERIAS.

The cafeteria on the scale required for our developments was practically a new problem. Little accurate information could be obtained until various schemes of kitchen, counter, and seating arrangements had been tried by Government departments. In order to give light and ventilation to large spaces monitors have been generally adopted. Tables with chairs, seating not more than eight, have proved generally preferable to the arrangement of benches shown. The tables should be 2 feet 6 inches wide and spaced not less than 4 feet apart. Passages at the ends of tables should not be less than 3 feet. Hat and coat hooks should be provided, and where the entrance and exit are at the same point it is sometimes advisable to provide a check room. The emergency exits are necessary in case of fire. Dry storage in addition to the kitchen storeroom is generally provided for supplies purchased in large quantities. For convenient checking all kitchen supplies should be delivered at a single entrance, and there should also be a single entrance under control for employees. The bakery is a valuable adjunct in case of inadequate local

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supply, as it developed that pastry, breadstuffs, and cakes are among the most popular foods supplied.

The cafeteria was found to be so much more efficient and its operation so much cheaper than the restaurant for feeding the occupants of dormitories, that there is only one case, Washington, D. C., in which the restaurant plan is being used. There, owing to the character of the patrons, principally women clerks from Government offices, it was felt that the cafeteria would not prove satisfactory.

SCHOOLS.

In so many instances the schools had to fulfill the mission of day nursery for older children, because mothers as well as fathers were working, that the double session recreation corridor type was recommended by the Bureau of Education. The type was not, however, finally adopted as standard and was built only in a few cases, but it is of such interest that it seems worthy of publication, with key plans showing numerous possible compositions. The plate section of this issue, illustrating "Special Schools", gives a typical arrangement shown at larger scale together with key plans of smaller buildings. The traditional school-house plan was used with modifications.

STORES.

Stores already existing in the neighborhood of most developments made it difficult to apply any rule for determining the number of stores required for each project. In cases where the projects are isolated, one store for each 40 families was estimated to be sufficient. They are generally grouped at civic centers or placed in rows on opposite sides of a street. They are planned in small units and so constructed that two or more of these units may be combined for a single larger store. Exterior walls are generally of brick, but stucco on wood frame is used in several developments where the houses are of frame. One floor of apartments is generally provided over the stores. These apartments have always independent entrances, so that the apartments may be let separately, although often in demand by the storekeepers.

RECREATION BUILDINGS.

In projects of not less than 500 families or where there are large numbers of men in dormitories without convenient access to other places of recreation the Housing Corporation undertook the construction of recreation buildings of various types and in several cases of isolated projects separate moving-picture theatres were planned with an average of one seat for each family in the community.

HOSPITALS.

The requirements for hospitals did not differ widely from those of the usual clinical hospital, except that the dispensary service was given more emphasis.

The Housing Corporation was well aware that good appearance would be a financial asset in the housing developments; that is, it was known that up to a certain point every householder would be willing to pay something extra for good-looking surroundings. But it was realized also that in communities of people of modest means, such communities as the Housing Corporation was dealing with, the householders simply can not afford very much expense, over and above what they must pay for the absolute necessities of life, purely for enjoyment of the appearance of their home neighborhood, however much they might desire this enjoyment.

This fact makes it very difficult for any small develop-

ment of houses scattered among those of an existing large community to do much without financial loss to raise itself above the mediocrity or ugliness which too often surrounds it. But in a large development or an isolated development the case is entirely different. Here all the attractiveness of harmonious buildings pleasantly related, of street systems which have a general unity and a sensible fitness to the ground surface, of avoidance of the mutual nuisances which arise when buildings, often for different uses, are jumbled together in inconvenient relations,—all this can often be had for no extra expense at all over the cost of houses and streets built without consideration of these relations.

If it is thus possible to get a community which has an air of well-being of its own, it is much more likely that the householders will make effort enough to maintain and better its appearance, each in his small way on his own lot. And of course the general pride of the householders in the attractiveness of the neighborhood is the force by which, in the long run, the appearance of the community will largely be determined.

In this chapter the Corporation has set down some of the ways in which it has found that it was possible to obtain some degree of order and attractiveness of appearance without incurring thereby an expense which the kind of people whom the Corporation were serving could not readily afford to pay for.

Of course the good appearance of a neighborhood depends mostly on three things: First, the appearance of the several houses and streets and fences and plantings in themselves, according as they are each well designed and well kept; second, the grouping together of these things to make a good-looking whole; and third, the pleasant relation of this whole layout to the surroundings into which it is set.

It will evidently go a long way to help the appearance of a town if as anyone goes along the streets he feels that each new view that he gets, each new neighborhood that he goes through, has some consistent character of its own.

The simplest way to make a street present a consistent "picture" is to have it form a vista. Anyone's natural tendency when in a straight street is to look down it. There should be something at the end to look at not too far away. In this respect the regular gridiron plan of streets of indefinite extent fails to be satisfactory. Every street in the gridiron is a vista, but no vista has any terminus. In many cases the Corporation planned streets with slight angles, or curved, or (in the case of purely local streets) ending abruptly against a transverse street; and arranged the buildings and plantings so that there should be pleasant views along the streets, both toward and from the buildings at the vista ends.

A section of street may be made distinctive by setting the houses close to the street at each end of the section and farther back in the middle, so forming or suggesting an inclosed space into which the houses look and each side of which is a consistently designed group or continuous row of houses. Sometimes where there was land enough we carried this idea so far as to make a neighborhood park or a village green with two roadways and a central grass space. The arrangement proved worth while, however, in many cases where the roadway was continuous and the difference in setback of the houses was less than 10 feet.

An examination of the executed work, however, shows that in designing such variation in setback the tendency has been almost invariably to overdo the amount of the

(Continued on page 412)

Editorial Comment

Estimating Methods in Contracting

EVERY efficiently rendered service is justly entitled to fair compensation. That present methods of estimating do not provide such just compensation has given rise to dissatisfaction not only on the part of contractors but also architects and their clients. Undoubtedly there is something wrong in a method that is so generally adversely criticised. In the effort to provide a remedy, a method that will fairly and equitably act in the interest of all the parties concerned in a building contract, many plans have been proposed. Three of these are described and criticised in this issue.

The estimated cost of a building is the real basis of every contract and in the calculating of such an estimate, a service is rendered for which the owner, or client, as the beneficiary, should pay. It is a further fact that the present methods of estimating have now, in view of the very radical changes in building methods, become cumbrous, expensive and retard the initial progress of the work.

In these days of inflated prices the accurate preparation of an estimate of costs becomes a very large part of the builder's expenses. Those engaged in such calculations are necessarily men of considerable technical training, and it is important under present methods, to have a staff of such well trained assistants in the office of every modern contractor. That contractors are fully alive to the fact that a large part of the "over-head" carried in their organizations is created through modern wasteful estimating methods is proven by the fact that a system founded on principles that are so manifestly unjust as that of Mr. Kelley, discussed on another page in this issue, has received in many instances their careful consideration and even acceptance.

It is not the purpose to discuss this system here, as it is very thoroughly covered by the report of the Committee on Methods of the Associated General Contractors of America, printed in this issue. With this report THE AMERICAN ARCHITECT thoroughly concurs.

It is learned that those who are endeavoring to press the merits of the Kelley system have addressed local Master Builders' Associations in certain sections of the Middle West on the topic of "Payment for Bidding." In a letter written by a prominent contractor who attended a meeting addressed by a promoter of the Kelley system, it is stated that the impression was given that that system was agreeable to the American Institute of Architects

and that approval of the system had been given by the president of the Chapter of the Institute located in the city in which this meeting was held.

These statements would undoubtedly carry considerable weight with the contractors as they have a keen appreciation of the work of the Institute and would also tend to influence many architects not affiliated with the Institute. As a matter of fact, the Institute and its local chapters speak only through the adoption of a resolution, although the officers are under no restraint as to expressing their personal views.

THE propaganda which is being furthered by the promoters of the Kelley system must be analyzed and properly classified, as it affects all architects in the discharge of their duties to their clients. Architects must take some action at once in order to retain their rightful prerogatives. In order that this important subject may be disposed of in a rational and business-like manner, the Associated General Contractors of America has addressed a communication to the president of the American Institute of Architects and the chairman of Engineering Council, suggesting that the three organizations meet in conference at an early date. These organizations to be represented each by three delegates. The delegates to this informal conference are to discuss methods for establishing a scheme for the payment for estimates and report to their respective organizations for action. By this means it is possible to formulate and adopt a plan mutually satisfactory to the interests involved. It is to be hoped that prompt action will result from this suggestion.

A building contract affects six interests: owner, architect, general contractor, sub-contractor, material dealer and the public. Of these, the first three naturally control the project. The architect, as the agent of the owner, must have a voice in the establishment of any scheme which involves the expenditure of the owner's funds employed in the erection of a building. Not only should he be a party to the formulation of any scheme affecting the owner's funds, but he should control such expenditures. For this reason, architects must take cognizance of the proposed action of the contractors and be a party to the establishment of some proper scheme whereby suitable compensation is made for estimating services.

The systems most seriously considered are very fully set forth in this issue. As a means of develop-

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ing opinion in the profession, THE AMERICAN ARCHITECT will be glad to receive from its readers, for publication, a full expression of opinion.

THERE is also published in this issue a new method of contract letting, developed by Dr. J. A. L. Waddell, Consulting Engineer. Inasmuch as the matter of estimating is intimately related to the form of contract, the two must be considered simultaneously. If the form of contract be on the cost plus basis, then clearly there is no need for having a large number of contractors estimate the cost of the work, but inasmuch as in any case the owner desires an outside figure limiting the ultimate cost of the improvement some estimate must necessarily be made.

It is almost universally admitted by all parties in interest that neither the lump sum nor the cost plus form of contract as at present in use are ideal, or in general entirely fair to both owner and contractor. The plan suggested by Dr. Waddell therefore deserves careful study and analysis, to determine whether it presents a satisfactory solution of the problem, or whether it may be used as the basis of such a solution. It would seem that it is the duty of every member of the architectural profession to frankly state his experience and give an expression of his opinion on these matters, to the end that the present restlessness and dissatisfaction may be eliminated, and methods fair and satisfactory to all concerned be instituted without delay.

The Power of the Technical Press

AN excellent example of just how efficient and successful a technical publication may be in working for the solution of problems in its particular field is conclusively proven by reading the results of an investigation conducted by *The Iron Age* into the facts behind the threatened nation-wide strike of iron and steel workers. In a recent issue of that publication a most thorough and illuminating exposé of conditions at Pittsburgh, the result of a personal visit to many plants by one of the editorial staff, was printed.

It was most forcefully brought out in the article that the question being considered by labor unions at Pittsburgh was not merely that should there be a strike throughout the entire steel trade but whether "men who believe in anarchy, revolution, Syndicalism and bloodshed, ambitious agitators who will not hesitate to do anything, no matter how brutal it is, to accomplish their ends, shall have their way or the more conservative element under the leadership of Samuel Gompers shall pre-

vail and prevent the strike at least until the coming conference to be held in Washington.

The article further brings out evidence connecting the leading spirit of the strike agitation with extreme Syndicalism and other forms of revolutionary propaganda. The evidence was presented to Mr. Gompers with an opportunity for him to use his influence to prevent the strike and save the American Federation of Labor from disgrace. The report of *The Iron Age* was accepted with the assurance that those who had confidence in Mr. Gompers as a conservative leader would not be disappointed as to his attitude toward the strike.

The energetic editorial activity of *The Iron Age* in this matter cannot be too heartily commended. It is evident that everything possible is being done by this publication to make conservatism prevail in the steel industry and prevent any further industrial struggles. By first thoroughly investigating the facts and then maintaining its position and asserting its beliefs editorially a technical paper can make its influence felt most strongly.

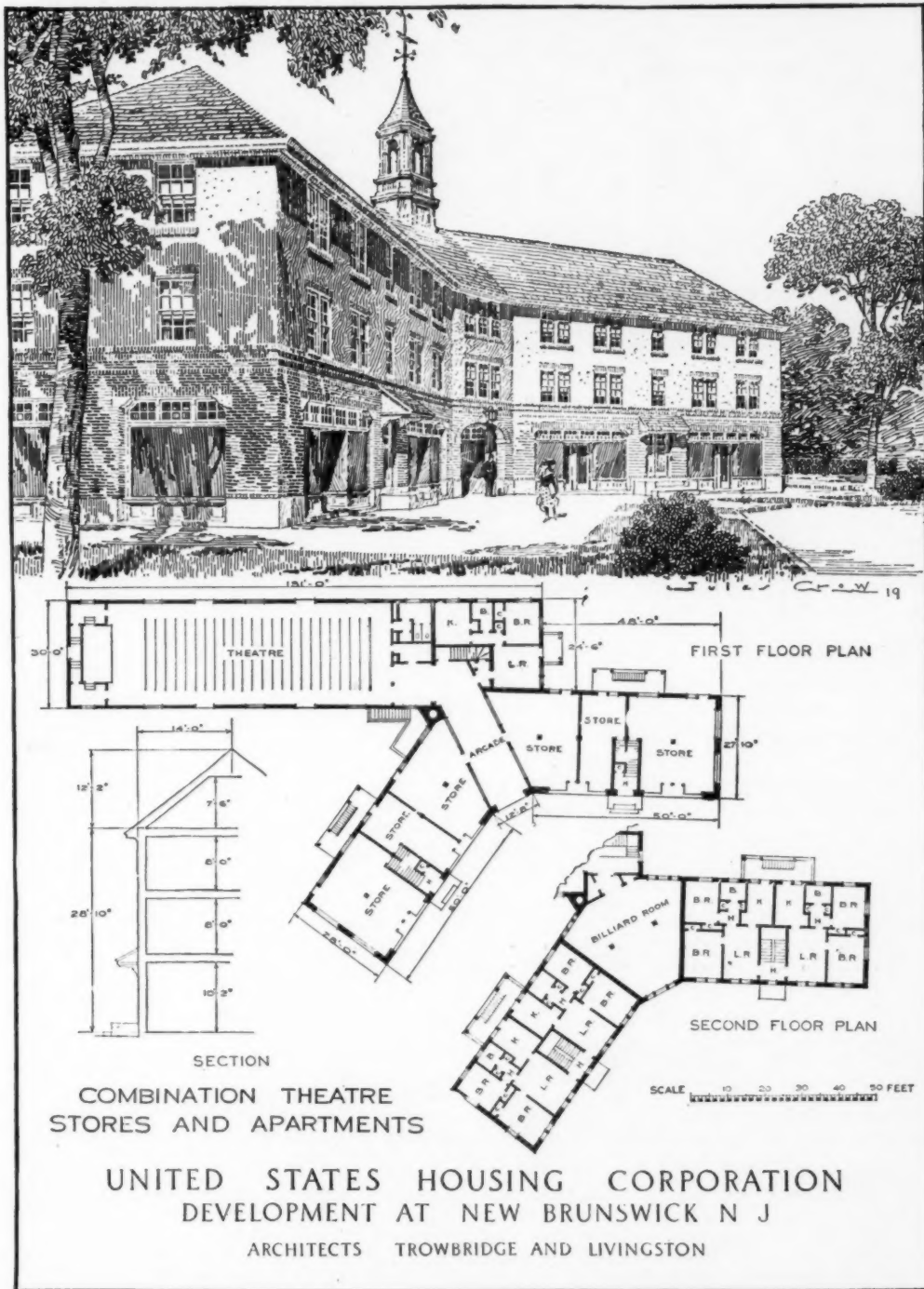
A Model That May Be Copied

IF the purpose of the so-called "model dwellings" is to encourage a wholesome emulation, one element has in the past been overlooked. It is the people in the slums who, more than any others, need the kind of education which may be derived from the inspection of a "model" house. Too often such models as have been exhibited have depended for their very perfection upon devices and luxuries which it is never within the power of the beholder to acquire.

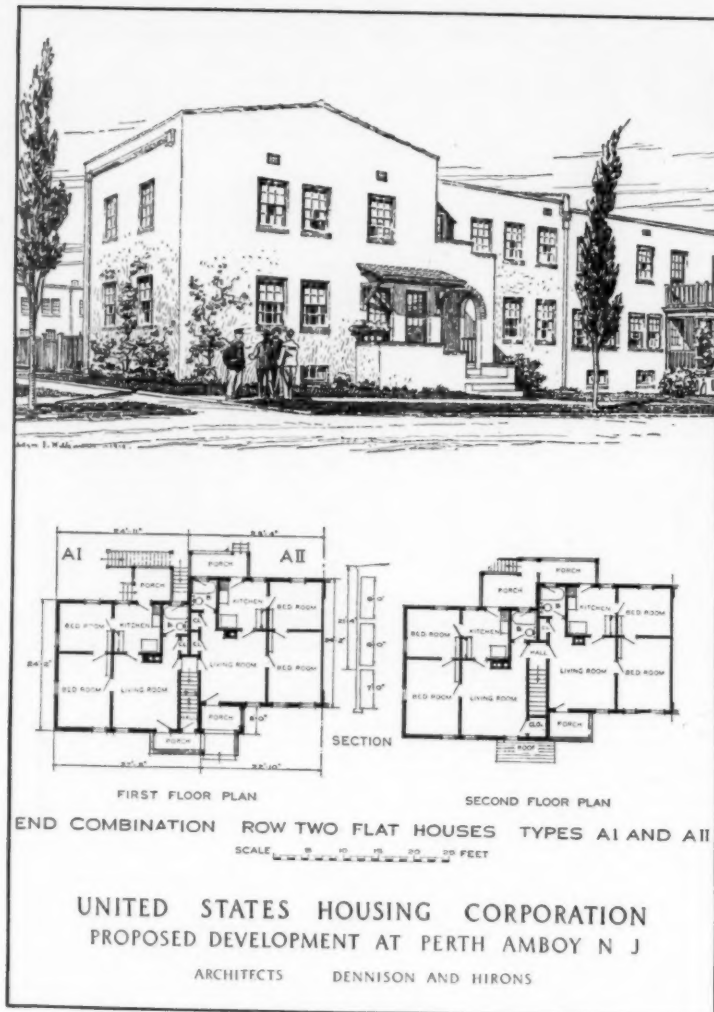
It is not difficult to have a model home if it may be provided with all the conveniences and accessories that modern industry has made available for a price. The thing is to make the best of circumstances; to have the least objectionable kind of home despite the absence of all these accessories, and in the face of a deficiency even of actual needs.

There is now a movement under way to assist in the accomplishment of this end. Dr. Henry Fleischman, director of the Educational Alliance, a settlement of considerable influence in New York, is sponsor for the idea. He has rented a flat in the thick of the settlement,—a typical, dark, small-roomed slum tenement,—not a clean, light, airy place, but one like practically every other in the neighborhood. Then with no essential advantages over the regular thing the population knows, he will make it as habitable as possible, and by practical example demonstrate how it can be done.

This is a form of education which considers the limitations of the learners; and insofar as this is true, results will undoubtedly be forthcoming.



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Report of U. S. Housing Commission

(Continued on page 408)

setback. The effect can often be quite adequately secured by a variation in setback of no more than 2 to 6 feet. Generally speaking, where front porches are used, a variation in setback of less than the width of the porch is more agreeable in every respect than where the porches of the recessed houses fall wholly behind the wall line of the more advanced houses. The amount of recessing which has proved desirable as a matter of appearance depends, of course, upon the length of the recessed portion; the shorter it is the less can it be recessed, the controlling principle being that the building fronts of the recessed portion should not entirely disappear from sight in the raking views along the street which are ordinarily those of most importance. In these views all projections and recessions from the normal building line count for their full dimensions in depth, whereas their lengths are extremely foreshortened.

A strong effect of consistency of design can be got by balancing a building or a group of buildings on one side of the street by a similar building or group on the other side. In monumental designs where two public buildings can reasonably be made alike there are of course many good examples of this. In dealing with small dwelling houses, on the other hand, we felt that a rigid similarity in a balanced composition is apt to spoil the individuality and homeliness of the private dwellings, and to make the whole street look stiff, set, and institutional.

It was found that on the whole in the work that the corporation was doing, it was better not to strain after obviously designed effect on every street, but to choose here a retired street for a quiet open space, there a street intersection for a more monumental treatment, and to have a large proportion of more ordinary streets leading up to the points of interest.

Street intersections are natural places for the designer to put some particular feature of interest, and this was the easier for us to do because we could economically put a larger building on a corner, where it got more light. We found on study, however, that when we were using single or semi-detached houses the only effect that could be got was a pleasant grouping of four buildings about the intersection, and not an inclosure of the intersection like a court. The buildings were too small and the streets too wide to make the latter possible. When we did endeavor to get the effect of a space inclosed on all sides or at one end, we used stores or row houses to make the larger architectural masses needed, and so arranged them around an open area that there was sufficient enclosing house-front proportionally to the openings made by the entering streets.

Where the people to be housed needed public or semi-public buildings like stores, schools, a moving picture theatre, or a community building, and the structures were grouped at an important road intersection, as a matter of appearance this was a very good thing. It gave a definite center and dominant point to the whole design, and the buildings, being larger and all serving a public purpose, could be more reasonably arranged for their general effect, perhaps inclosing a "square," as just suggested, or perhaps in a more open group.

When a project was large enough, and different districts in it were designed for different purposes, this, if rightly done from the point of view of use, gave also naturally a consistency of appearance in each district and variety in the whole project. Even when no particular districting was needed, and no difference in the ground made a variety of appearance, something of the same effect was possible by marking the difference between the

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larger thoroughfares and the quiet local streets, and giving one street, for instance, elms for street trees, wide planting strips and front-line hedges, and giving another street sugar maple street trees, with narrower planting strips and open front lawns.

The choice of the color of paint for the houses, the choice of stucco or brick or wood as a material, and the choice of material and color of the roofs, we attempted to use as a means of making various neighborhoods different and each one consistent. The corporation attempted to use differences of color in a subordinate way to multiply the variation due to differences in form between the houses of a given group. The corporation was convinced that an attempt to get variety by using different colors of paint on houses which were all alike in form was likely to look forced, and that it was better to accept the similarity of house form as making the whole neighborhood consistent in appearance. It was possible to relieve the houses by different minor details of color of trim or form of porch or roof, and especially by planting of different vines to grow on the houses and different trees and shrubs, and by the use or omission of hedges or fences, and informal shrubbery along the front boundaries. It was probably in respect to color and texture of roofs that the limitations on material imposed by war conditions most conspicuously and unfavorably affected the appearance of our projects.

Much variety can be and was obtained with little or no expense by repeating the same house plan, but placing it with its side or with its end to the street, by reversing it right for left, by ringing a series of changes on the location of porches, and finally by using more than one shape of roof.

A consideration of all the projects, when they were sufficiently near completion to indicate their final appearance, made it very clear that an unpleasant monotony among the houses of a large project can be avoided by the skillful use of architectural variations surprisingly few in number and surprisingly limited in their range of architectural character, and that any effort at a greater variety in the houses than can easily be obtained by such simple methods is apt to result in one of three unfortunate ways. The least unfortunate is a mere waste of effort and expense in producing a needless number of different plans all of an excellent sort, when two or three, with a few interchangeable variations, would accomplish purpose. The second is the admission of confessedly inferior designs, of otherwise harmonious and acceptable sort, under the mistaken impression that the number of type designs must be increased. The third is the mingling of designs so different as to appear restless and forced, or even so different as to appear clashing and inharmonious. The introduction of such striking differences between the houses of any group or neighborhood, especially if the same striking difference is repeated several times, does not overcome the most serious aspect of monotony in a housing development, namely, the suggestion of institutionalism. It rather emphasizes the repetitive character of the work by appearing too loudly to deny it; whereas if the differences are not very striking, if there is no noticeable effort at differentiation, the fact that the modest and pleasant variations often repeat is not conspicuous.

BASIC PLANS AND THEIR DESCRIPTION

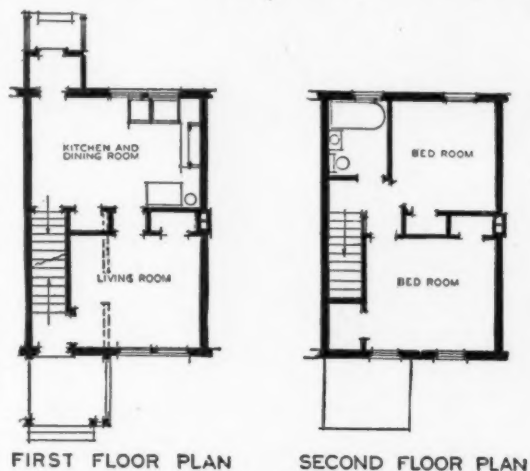
In reducing many variant plans to the following basic types, minor differences, especially placing the closets, door, and window locations, etc., are disregarded, and only the es-

entials in plan arrangements are considered. Nearly every one of the basic plans is capable not only of being reversed right for left but of being turned 90 deg. in relation to the street front. The center stair types are capable of being reversed 90 deg. in either direction, the entrance in one case being at the foot of the stairs to the second floor with the stairs to the basement opening off the kitchen, and in the other case being at the head of the basement stairs with the stairs to the second floor accessible through the living room.

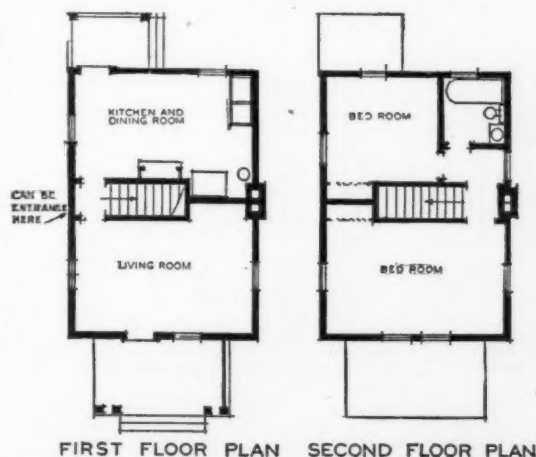
The plans as represented below are for four, five, and six room houses, as these were the most popular types constructed, and are intended to represent only essential points.

FOUR-ROOM PLAN; TYPE A.

This plan, with staircase at the side, admirably admits of its use as a row house, but is not so well adapted if used as a semi-detached house, due to the fact that an



FOUR ROOM HOUSE TYPE A



FOUR ROOM HOUSE TYPE B

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economical arrangement of combining this plan should call for chimneys and plumbing together. This would place the staircase to both apartments in the center, thereby giving combined porches. With stairs arranged as in this type, if a first floor hall is desired, it is a little wasteful, as the hall would naturally run the entire length

space. We feel that of the two types plan B is more economical in arrangement, but is apt to be less economical in construction, especially on account of the requirements of two girders and bearing partitions. This plan, however, would have less partition area and would also give a larger living room if the hall is used, and a better front bedroom.

FIVE-ROOM PLAN: TYPES A-1, A-2, B.

On the five-room type A-1 and A-2, the same general advantages apply as to the four-room type. On the five-room type B the same advantages apply as on the four-room type B, but this type does not admit economically of developing a second floor with three bedrooms as per type A.

SIX-ROOM PLAN: TYPE A.

The same general descriptions apply to this plan as to the previous A types. The B type (or center stair) plan again would not adapt itself so economically with the area



FIRST FLOOR PLAN SECOND FLOOR PLAN
FIVE ROOM HOUSE TYPE B

of the staircase. This also gives a little larger second floor hall space. It will be noted by reference to the dotted lines on this plan, representing a front hall, that the living room becomes narrow. Also, on account of stair location in the average depth used for houses of this type, it does not admit of an economical closet arrangement, as the space over stairs on the second floor could not be utilized but for one closet.

FOUR-ROOM PLAN: TYPE B.

The B type plan as illustrated, with the stairs in the center of the building, is best fitted for either single or semi-detached houses, as it admits of separated entrances and porches if used as semi-detached, with a minimum of hall space both upstairs and down. With this arrangement of stairs, it also allows for sufficient closet area for both bedrooms over the staircase, and best utilizes this



FIRST FLOOR PLAN SECOND FLOOR PLAN
FIVE ROOM HOUSE TYPE A 1

of three bedrooms on the second floor, due to increased second floor hall which would be necessary.

An excellent variant of the side stair type applicable to five-room houses with three rooms downstairs, and to six-room houses, is the double-run corner stair type. Excel-



FIRST FLOOR PLAN SECOND FLOOR PLAN
SIX ROOM HOUSE TYPE A



FIRST FLOOR PLAN SECOND FLOOR PLAN
FIVE ROOM HOUSE TYPE A 2

lent examples of these types might be seen under the Waterbury, Conn., project. Many monotype houses which would really not come under the basic plans as represented above have been used to meet special conditions for the individual project in which they occur. They may be found under the various projects as illustrated.

American Small Houses Lead the World's

THE superior quality of the small homes in America, the safer terms upon which ownership may be acquired, also the unnecessary delay in war housing because of slow recognition of these facts, are among the interesting statements of William E. Shannon, until recently manager of the real estate division of the United States Housing Corporation.

The entertainment of impractical theories, said Mr. Shannon, no matter how well intentioned the motives may be, does not make for practical and successful administration.

Now as to the beautifully painted picture of European housing, of which so many people write and talk and so few really know about.

The German system would not be permitted by the independent thinking, self-respecting American workman to exist in this country. For us the system is wrong, the lay-out is wrong, the design is wrong, and its long payment plan, which in some cases is as much as 50 years, is for no other purpose than to keep the citizens from owning property in fee, for as Mr. Shannon was frankly told "as long as the Government owned the mortgage on a man's home that man would do as bidden."

In England rather a different state of affairs was found, the manufacturer taking the place of the Government, but with about the same results. "The Master with great show appears as if he is desirous of having 'his workmen' own their homes, generally in the hollow, while he lives on the hill—but the very small monthly payment spread over years of time keeps the man from securing his home in fee, because death, accident or a convenient strike throws him out.

Our people must realize, unless they desire to degenerate to the European level of dependence, that no man has a right to live in a home that will take more than fifteen years to pay for, and no healthy man is entitled to a home unless he can earn enough to pay a reasonable value for it.

The architectural exterior effect seems to be considered by the English philanthropist far more important than the interior comfort. The roof must be just right, otherwise it would be unsightly from his home on the hill. A thatched roof in Ann Hathaway style is considered ideal, though it permit of only a 2-foot by 2-foot bedroof window, but the occupant must not complain—because this is architecturally correct, and his cottage has been sold to him much less than cost, with an interest rate far less than current. A cottage built so close

to the ground that it could not have cellar ventilation is raved over as a thing of beauty, though it gives the occupant tuberculosis.

It was matters of this kind that the realtors in the Housing Corporation objected to forcing on the industrial workers of America.

The street layout of the English "Village Beautiful" for this country is also all wrong. Their design is to have many blocked streets, for the purpose of seclusion, and those which are open must be as crooked as possible, even where the topographical features of the land do not demand it.

This ancient and un-American scheme was very much favored by a group of landscape gardeners in the bureau, who renamed themselves "town planners", which the architects of the bureau resented and therefore renamed themselves "architects and town planners". These so-called "town planners", from the appearance of their town designs, must have secured their experience in this work from old books on landscape architecture published by the monks. Their plans were mostly of the de Medici period, when towns were built for defense, when streets were on angles and curves, so they could be defended with the weapons of the day from the rush of invading hordes. They did not appreciate that Benjamin Franklin planned a town in this country, not designed for defense, but with straight, broad streets, so that God could purify every corner with His sun and fresh air, and they did not seem to know that later came the great Frenchman, L'Enfant, who assisted by Washington and Jefferson, improved the plan of Philadelphia in the design of the nation's capital by putting in diagonal avenues. From that date to this, America has broken away from the European idea of town planning and I think it is safe to say we are not going back to it.

We have heard so much about building homes "by the mile and selling them by the foot" that some really believe that we have a wrong system of home production. Mr. Shannon, therefore, made a personal investigation of housing conditions in Europe and can now make the statement that whether they are a row, semi-detached or detached homes, this country produces better built, better ventilated, brighter and more comfortable workmen's homes than any of the nine European countries which he visited. Furthermore, this country sells these homes, with rare exception, on the safest terms for the occupant's good in any country in the world.

America produces the best small homes because

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it is the only nation that has made it a business to do so. It is in this country that one finds the modern building association, the modern savings banks, the modern trust company, the modern insurance company and the realtors—all of whom assist that benefactor, misnamed the speculative builder, to give to all the people homes, American homes, homes on tops of hills, homes with real windows, wide doors, ventilated cellars, roofs with air space, and modern sanitation, and because of unrestricted competition, at prices that governmental agency never did and never can approach.

If the Bureau of Housing had adopted the plan suggested by Messrs. Garland, Thorpe, Macomber and Monteverde, every one a realtor and expert in practical industrial housing, well built Government homes would have gone up with a rapidity in keeping with the way we of this country do things.

The plan was very simple; merely as a war measure to release materials to the local builders and to supply building loans through local banks, thus availing of plans characteristic of each locality. All construction, rents and sales were to be conducted by local talent under Government supervision.

This plan being rejected and the so-called up-lift plan of England and Germany being in part adopted as an undefined policy, the next step of the theorist was to start creating separate "ideal villages". These theorists are able magazine writers and wonderful in getting up Government publications with their names engraved on each plate showing "architectural gems" that were never built as designed.

When one realizes that "ideal villages" meant separate communities, requiring additional streets, sewer, water, light, sidewalk, grading and macadam, in fact millions of tons of materials to add to the congestion of the already over-burdened railroads of a country at war, and the employment of additional thousands of men for the purpose of installing these utilities when labor was so scarce, you can readily understand why the realtors at the Housing Corporation took the positive position against the architectural and "town planning" divisions of the bureau, that this procedure should not be continued.

Upon appeal to the Secretary of Labor, it was soon decided that existing utilities should be used whenever available. As a result, homes for the industrial war workers were located in select sections away from the "works", but where previously installed transportation systems, schools, churches, amusements and underground utilities were to be found, and the creating of separate villages, where workmen and their families were to be isolated under so-called æsthetic surroundings were discontinued.

Tapestry

Around Arras, in Flanders, circles forever the charm of pure beauty and stately majesty, although to-day the place itself is a dismal wreck. It is stated in a recent New Orleans paper that beauty and the charm of Arras lies in the one word "Tapestry." The first tapestries in Europe were made by Flemings, and made in Arras. Indeed, so noted were the weaves of Arras that the word itself became a synonym for "Tapestry." Shakespeare uses this in Hamlet, as when "Hamlet stabs Polonius behind the Arras," meaning the great curtain, or tapestry, hung in royal apartments.

The art of tapestry-making was first introduced into England in 1620, and introduced by William Sheldon. He established looms at Mortlake. Now, "tapestry" is the art of painting by the weaving of colored threads intertwined on lines stretched vertically (high-warp tapestry) or horizontally (low-warp) which become one web, combining lines and tones.

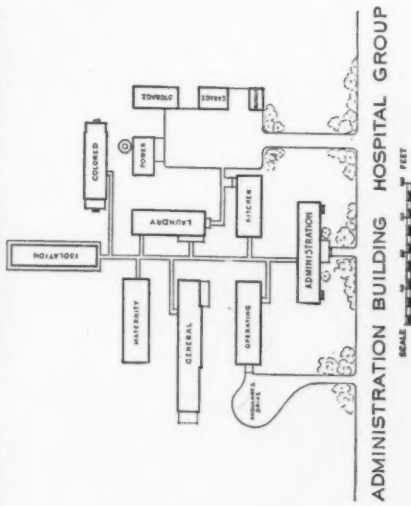
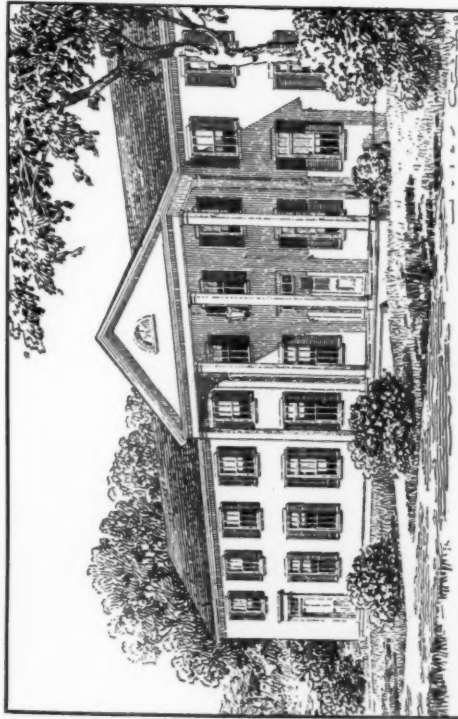
The skillful tapestry weaver is himself an artist; he interprets and he creates designs, called cartoons, which are the soul of his work. Tapestry-weaving was known to the ancients, to the Egyptians, and to Grecian women. Tapestries figure in Holy Writ. They were so costly that they could only be owned by kings.

The Saracens, or Arabs, who founded an Art, a Religion, and an Empire, introduced tapestry into Europe. The largest and most complete tapestry-weavings are the great textile pictures, or storied wall-hangings, of the fifteenth and sixteenth centuries, made in Arras and Brussels. The stories on tapestries ranged, in subject, from the Greek myths and gods to the doings of kings and to Scriptural subjects and lives of the saints.

When the Spanish persecutions overflowed the Netherlands and Arras, tapestry-weaving was driven into France, where the Grand Monarque, Louis IV., a lover of splendor and patron of the arts, immediately purchased the house of Jean Gobelins, 1622 A. D., who was a genius in weaving, and the king turned the house into a factory, in which tapestries for the adornment of palaces should be made. Thus, the great name was born, from the name of their maker, for the noblest tapestries in the world—the Gobelins.

One century earlier, in 1519, the Pope Leo X paid from the Vatican Exchequer, one thousand pounds each for the ten cartoons to Raphael, to be copied into a tapestry.

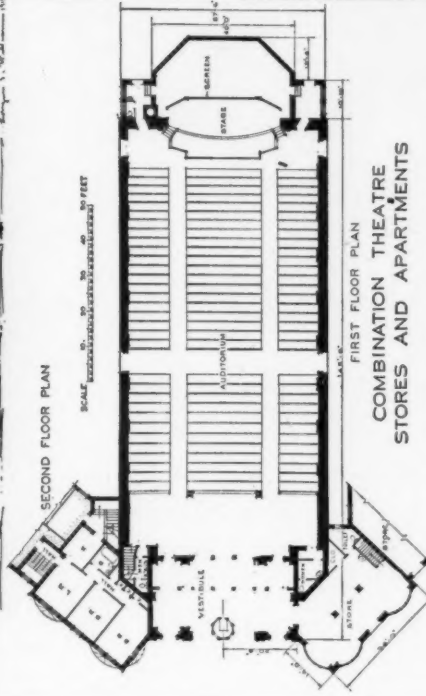
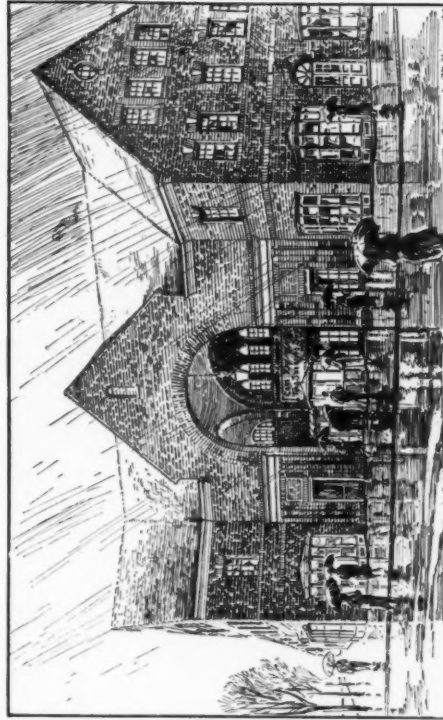
Spain today owns the incomparable collection of Arras Tapestries, thus Arras is immortal, for her heroes and her art.



ADMINISTRATION BUILDING HOSPITAL GROUP

UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT PORT PENN DEL

ARCHITECT CHARLES BUTLER



COMBINATION THEATRE
STORES AND APARTMENTS

UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT BETHLEHEM PA

ARCHITECTS ZANTZINGER BORIE AND MEDARY



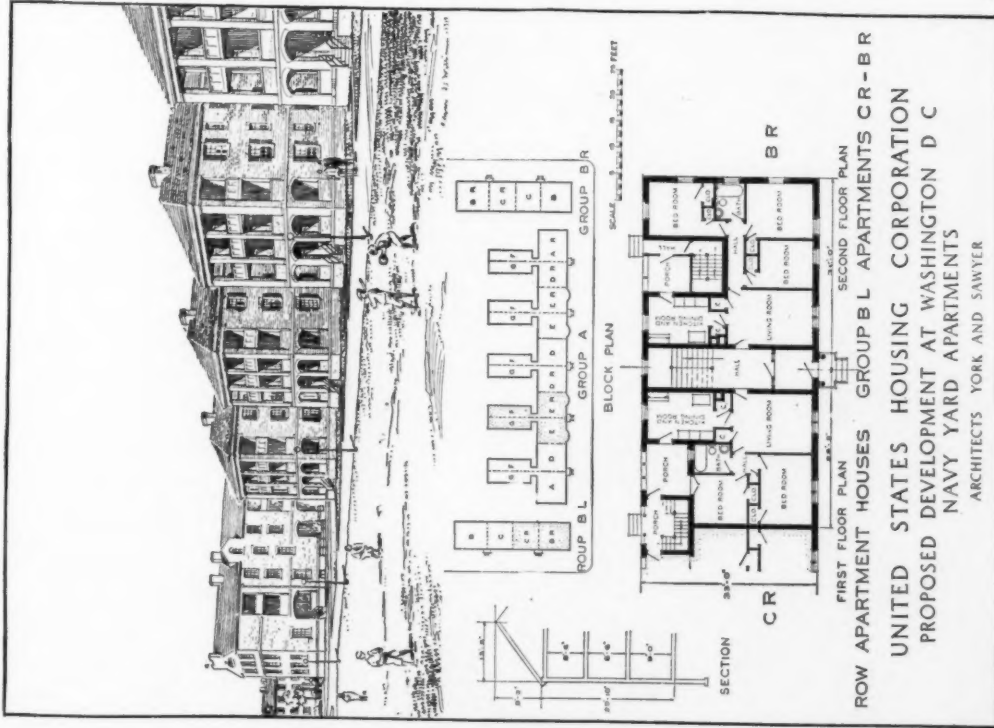
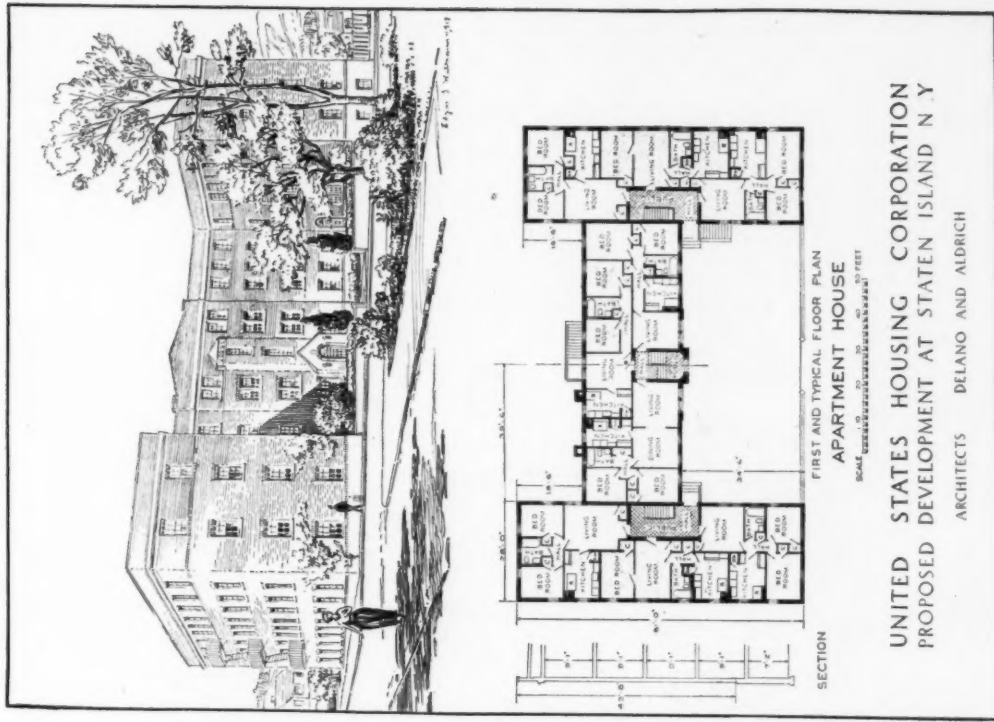
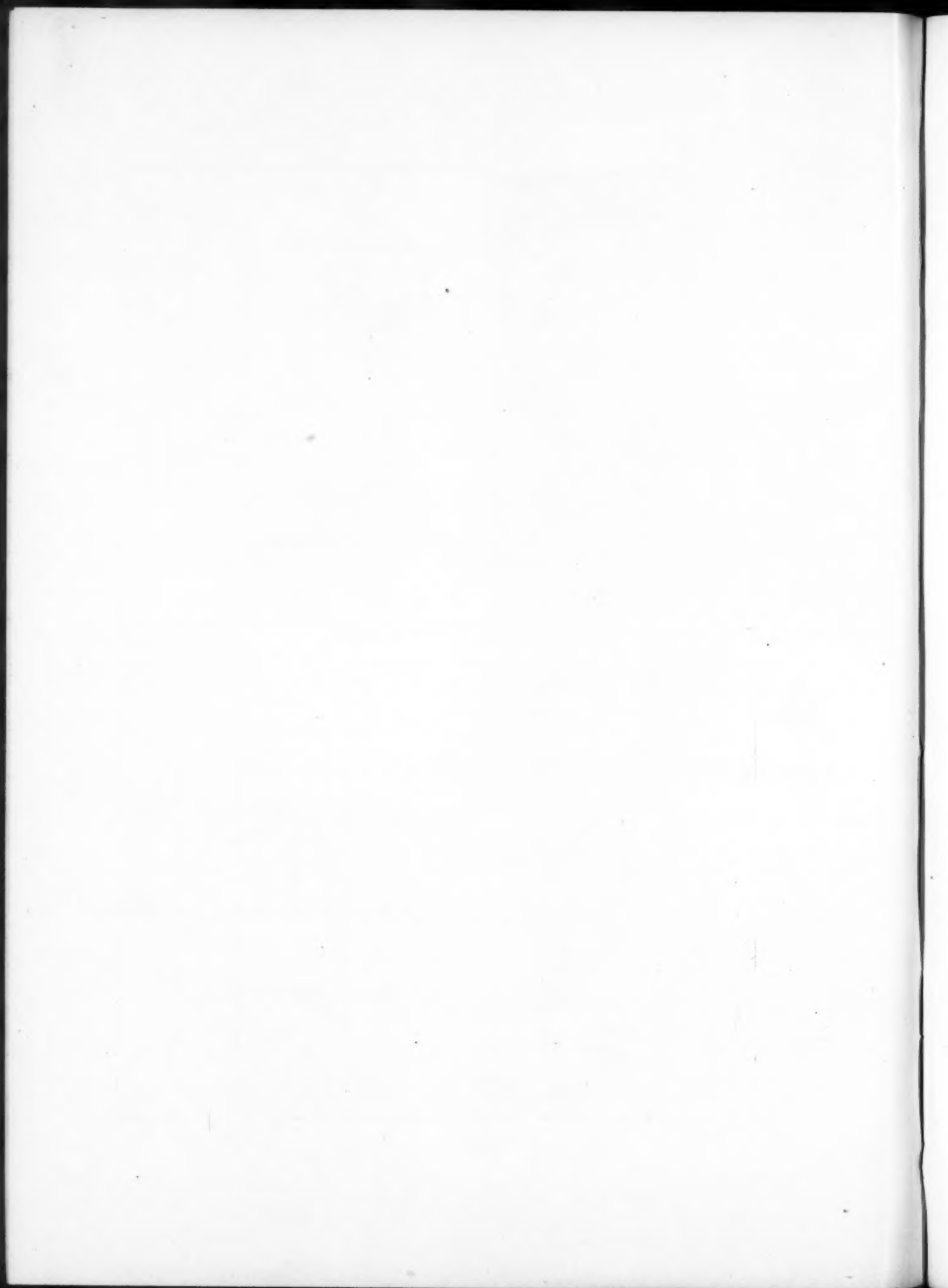


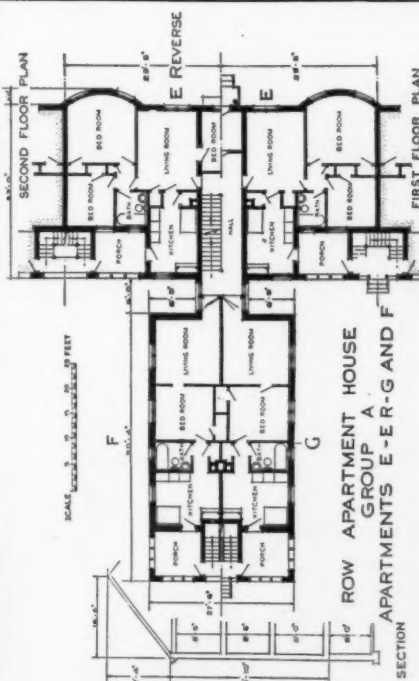
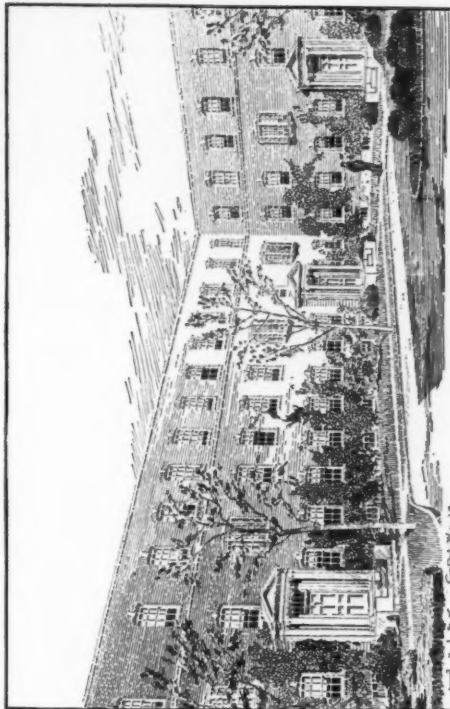
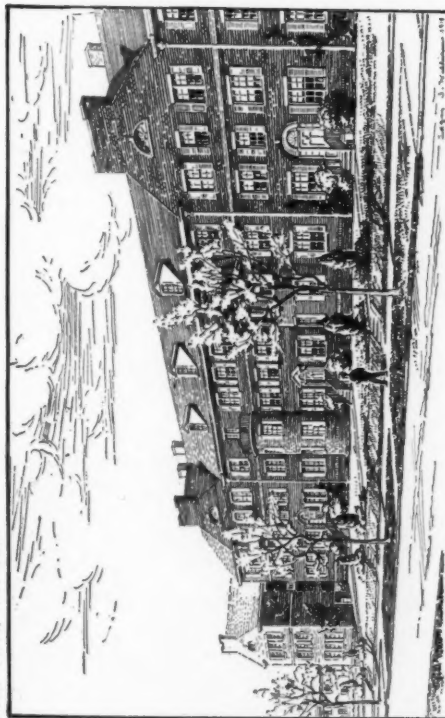
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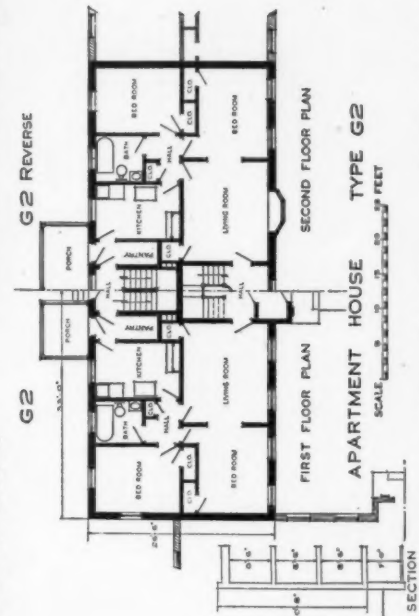


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SEPTEMBER 24, 1919

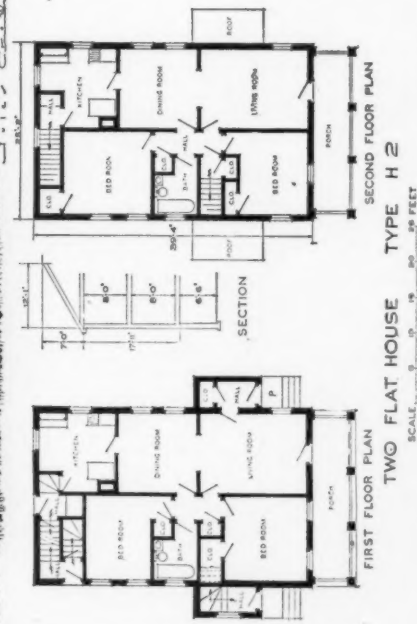
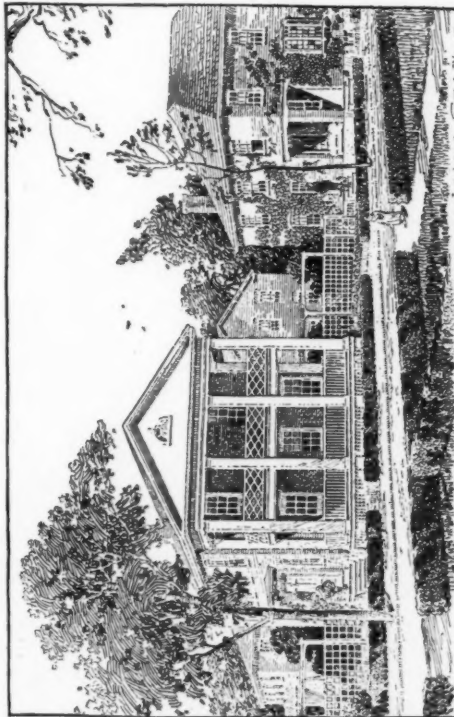


UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT WASHINGTON D C
NAVY YARD APARTMENTS
ARCHITECTS YORK AND SAWYER



UNITED STATES HOUSING CORPORATION
DEVELOPMENT AT BRIDGEPORT CONN
ARCHITECT R CLIPSTON STURGIS

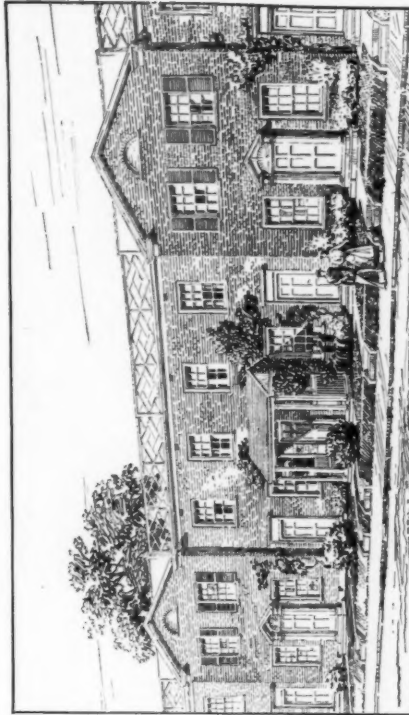




UNITED STATES HOUSING CORPORATION
DEVELOPMENT AT BRIDGEPORT CONN

ARCHITECT R CLIPSTON STURGIS

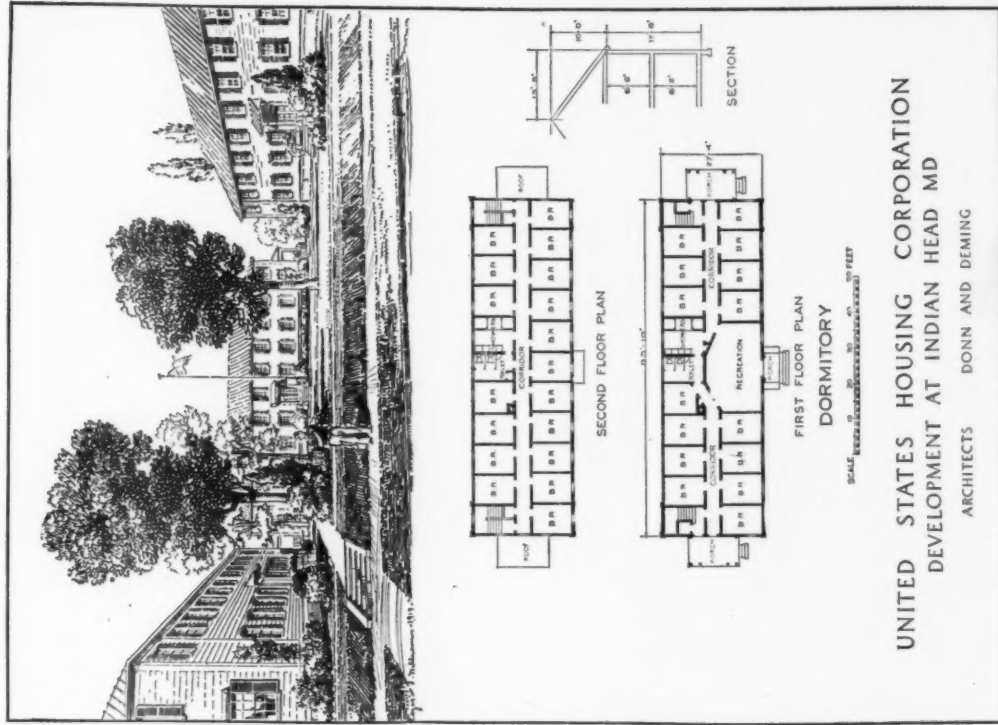
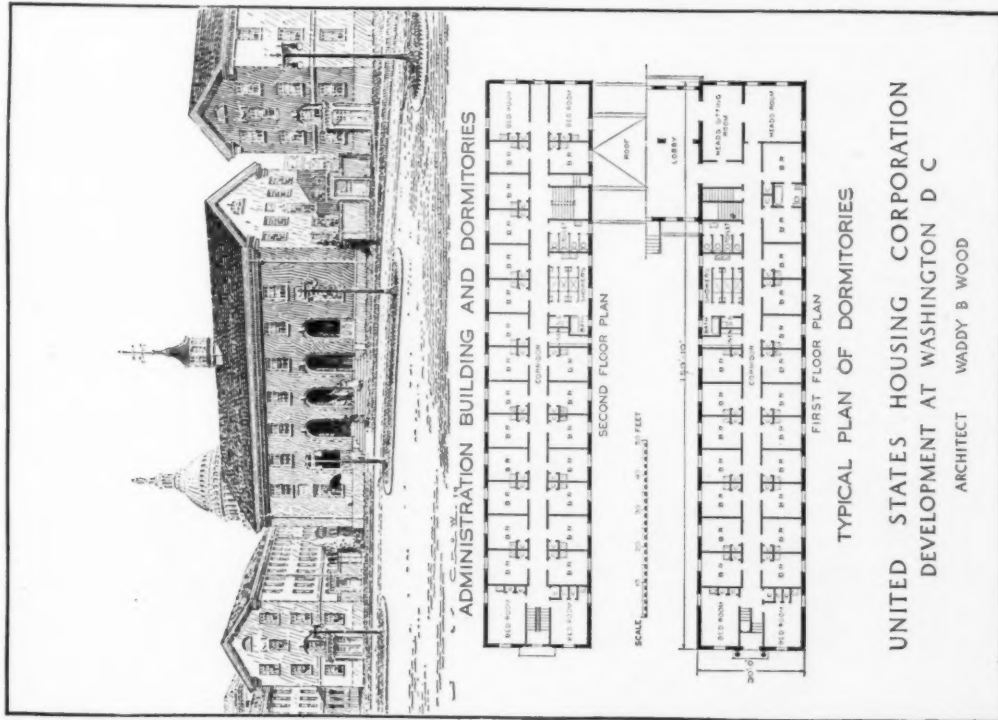
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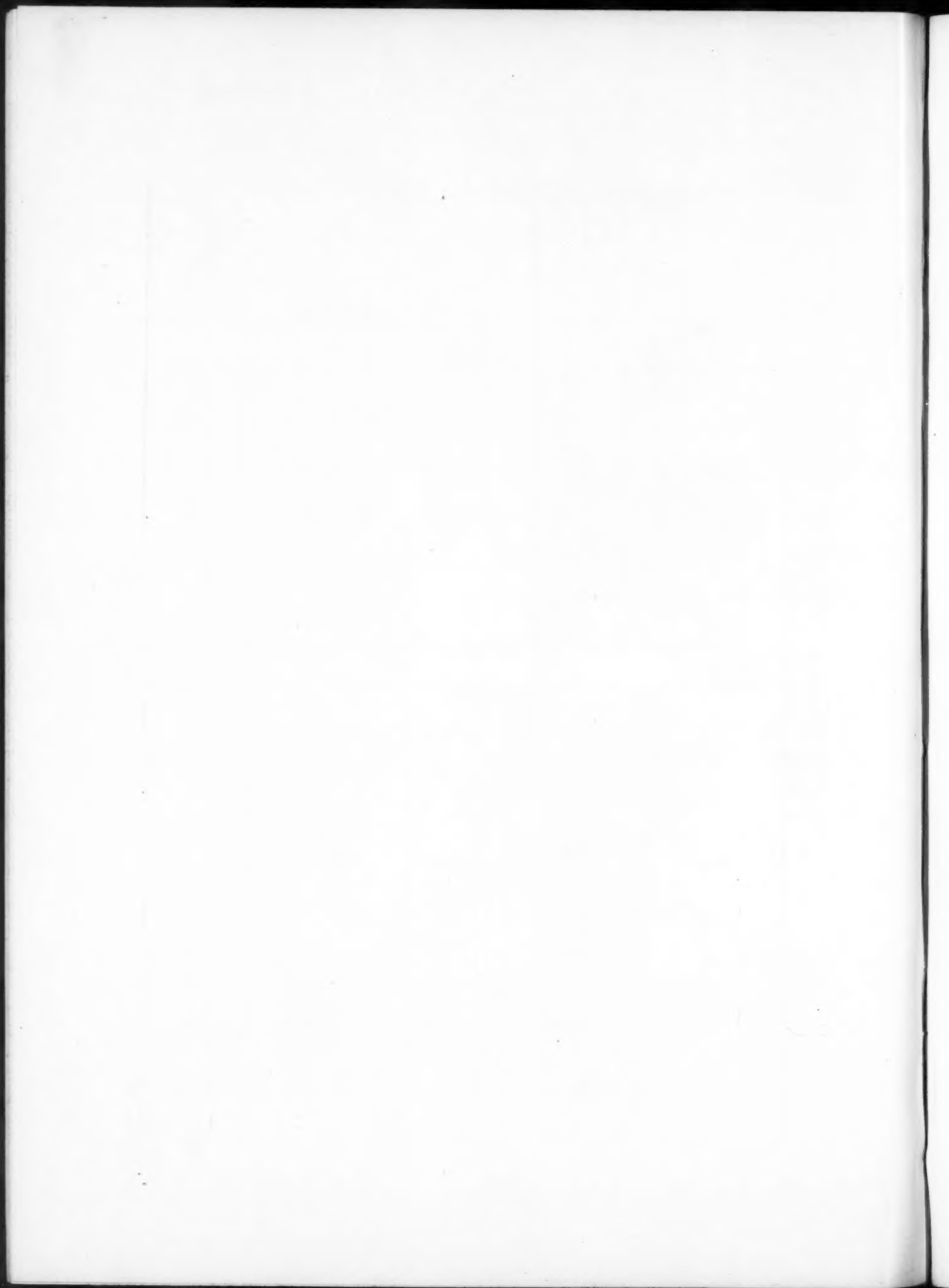


UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT WASHINGTON D C

ARCHITECTS SCHENCK AND MEAD

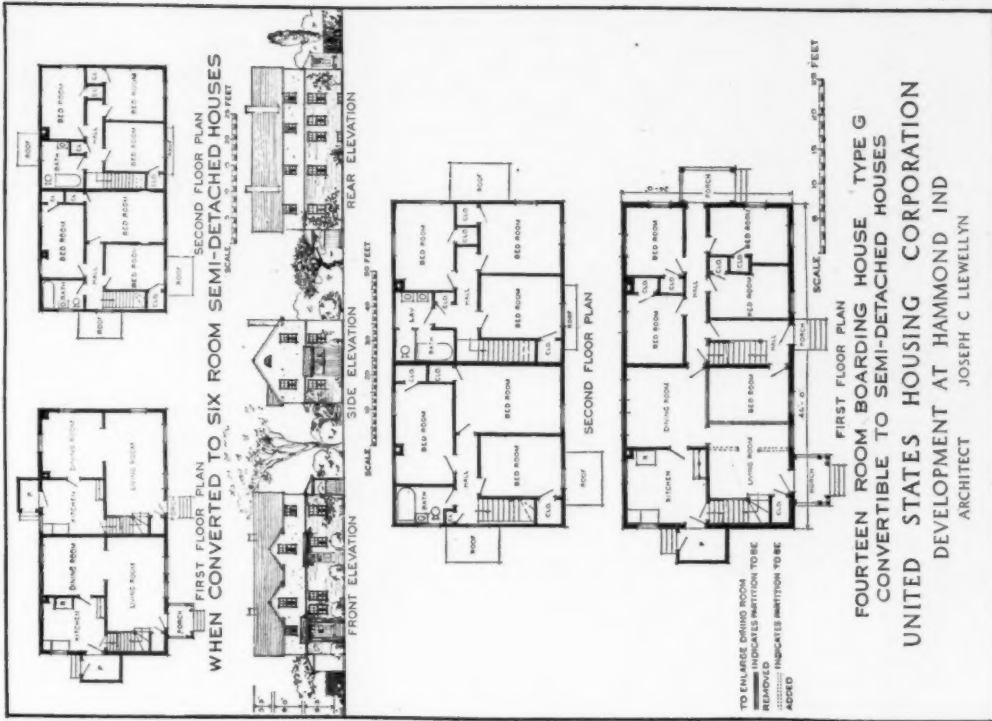
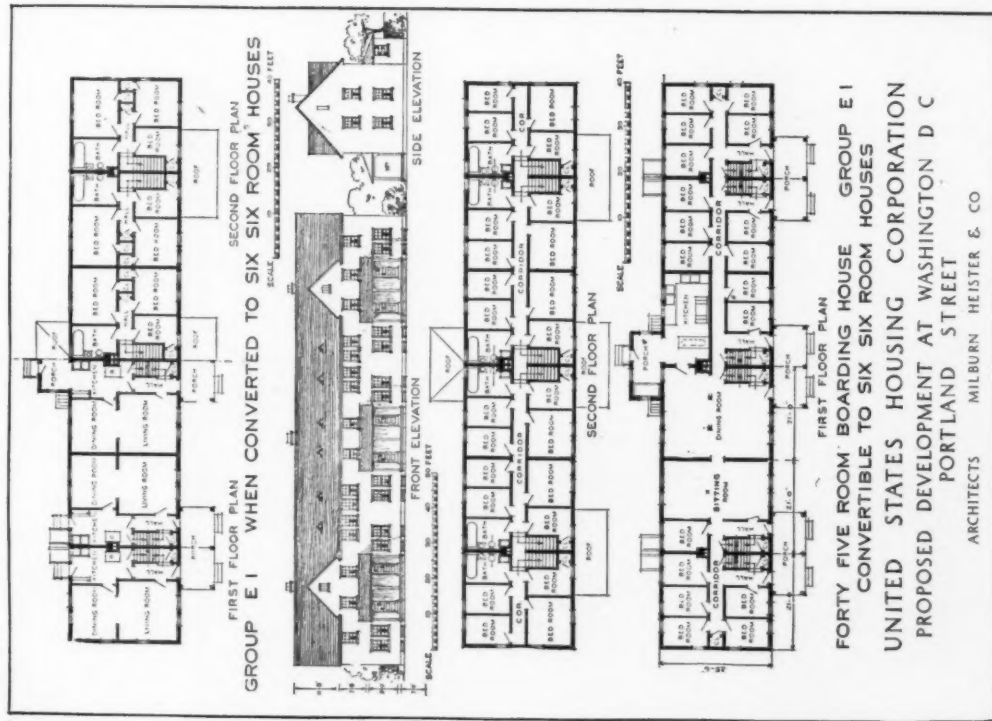


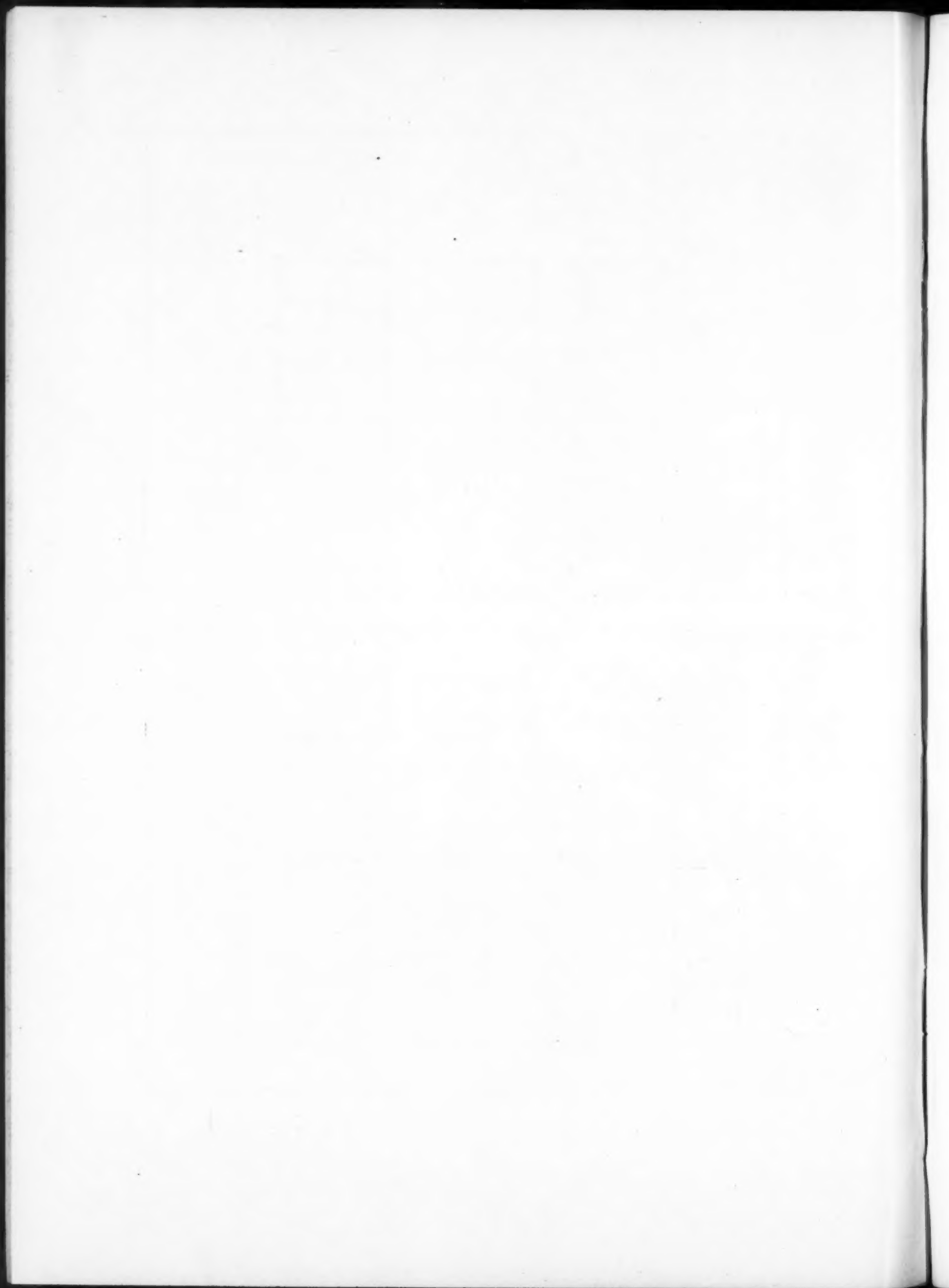




THE AMERICAN ARCHITECT

SEPTEMBER 24, 1919





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SEPTEMBER 24, 1919

ALTERNATE FRONT ELEVATION
SCALE 1/8" = 1'-0"

FRONT ELEVATION
SCALE 1/8" = 1'-0"

FIRST FLOOR PLAN
SECOND FLOOR PLAN
U S H C TYPE A
TWENTY ROOM DORMITORY
CONVERTIBLE TO SIX ROOM SEMI-DETACHED HOUSES

FIRST FLOOR PLAN
SECOND FLOOR PLAN
U S H C TYPE A
DORMITORY
CONVERTED TO SIX ROOM SEMI-DETACHED HOUSES

UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT INDIANAPOLIS IND
U S H C

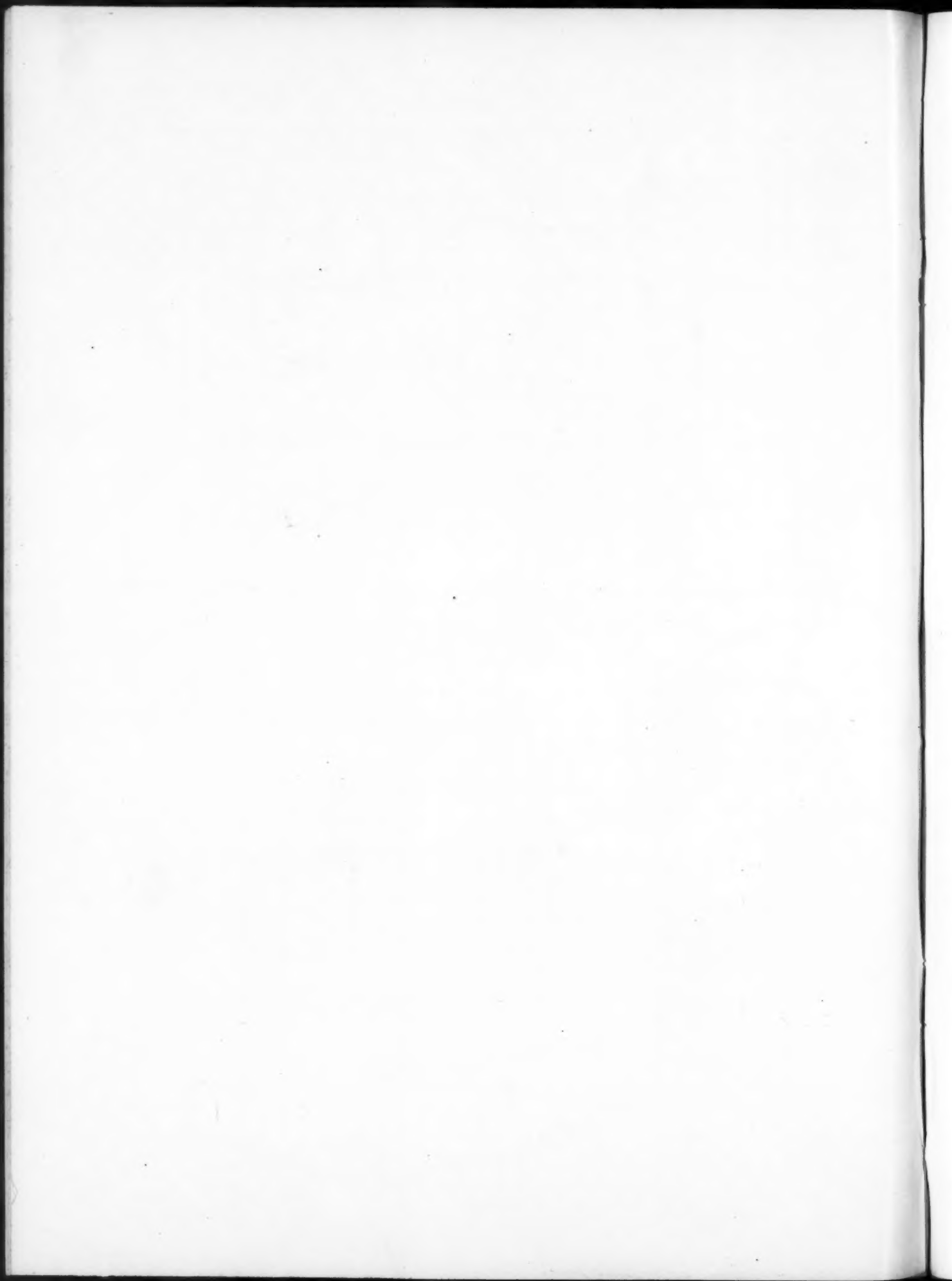
FRONT ELEVATION
SCALE 1/8" = 1'-0"

SIDE ELEVATION
SCALE 1/8" = 1'-0"

FIRST FLOOR PLAN
SECOND FLOOR PLAN
U S H C TYPE A AND A II
SIX ROOM ROW HOUSES GROUP 4 & A
CONVERTIBLE TO BOARDING HOUSE

FIRST FLOOR PLAN
SECOND FLOOR PLAN
U S H C TYPE A AND A II
SIX ROOM ROW HOUSES GROUP 4 & A
CONVERTIBLE TO BOARDING HOUSE

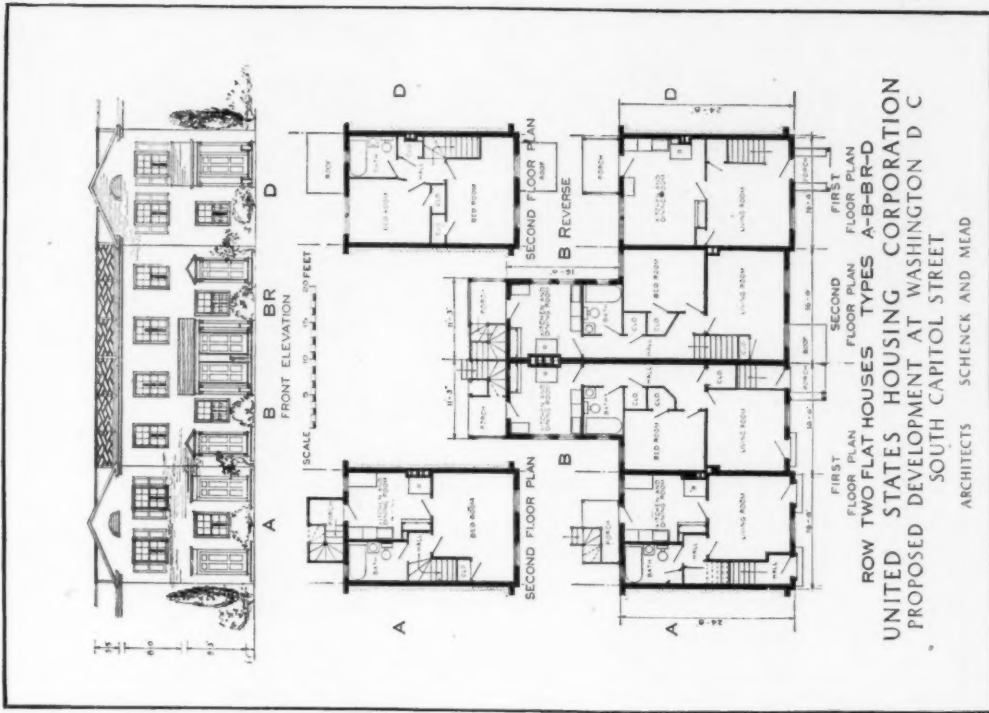
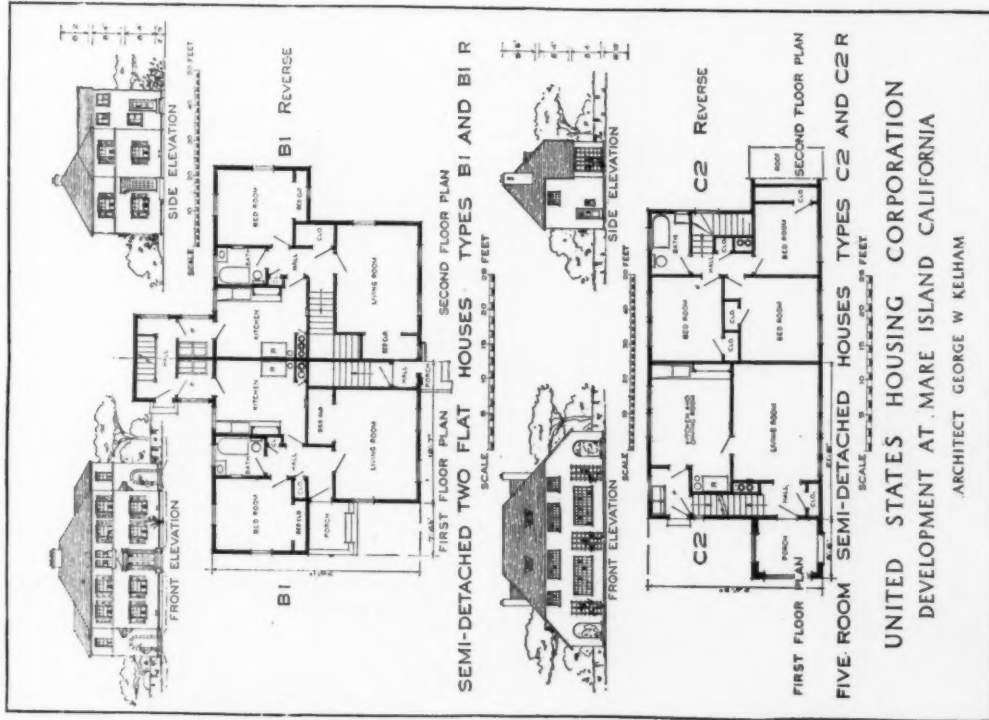
UNITED STATES HOUSING CORPORATION
PROPOSED DEVELOPMENT AT ALTON ILL
ARCHITECTS MAURAN RUSSELL AND CROWELL

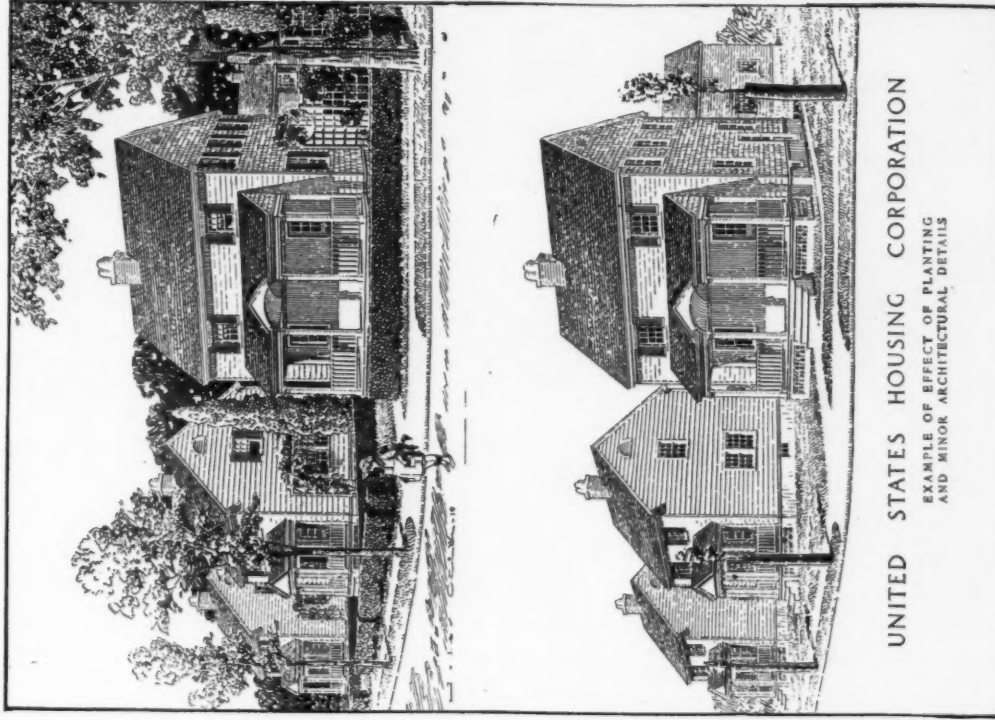
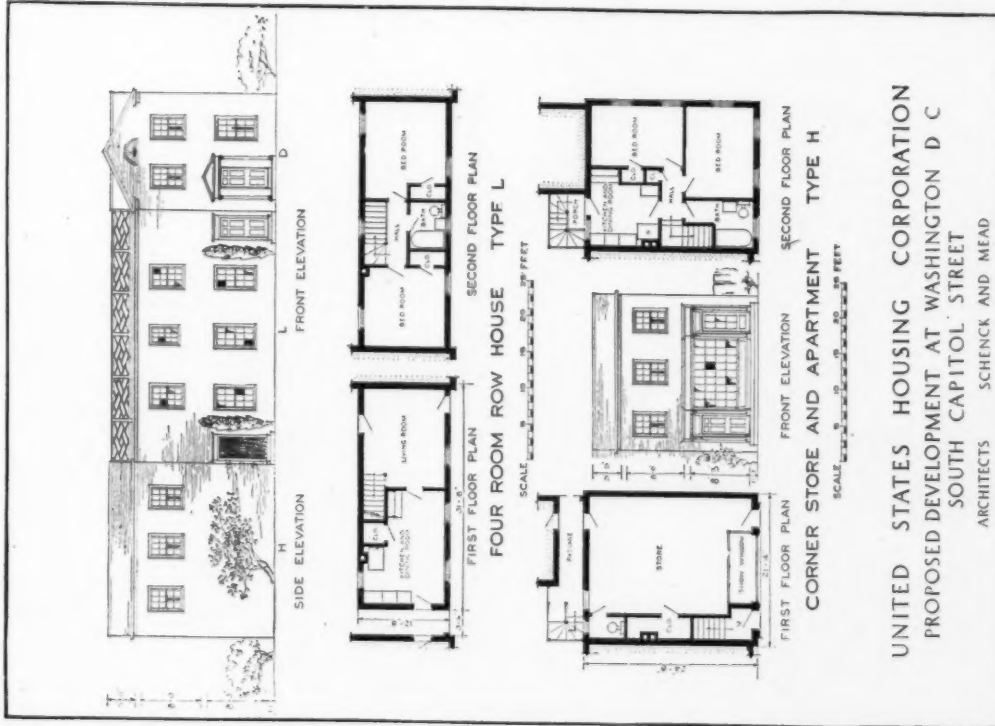


THE AMERICAN ARCHITECT

VOL. CXVI, NO. 2283

SEPTEMBER 24, 1919





Current News

Late Happenings and Comment in the Fields of Architecture and the Allied Arts

Pleas for Upholding of Sanctity of Contract with Labor Unions

CHICAGO, ILL., Sept. 20.—There will be no peace in the building industry in Chicago until a contract with a labor union has the same sanctity as a business contract, says the August bulletin of the Illinois Society of Architects.

The operation of the so-called uniform agreement between the various contractors' associations and the labor union has proved to be utterly valueless. As a well-developed plan for increasing the power and influence of the union business agents it has proved a huge success. Had its provisions been as carefully observed by the trades unions as it was by the other party to the contract all would have been well, but what is ever true with all labor unions, as unions, has been particularly true with the building trades in Chicago. Agreements entered into in good faith have been ignored and broken.

Is it not time that the public should be advised that the building trades unions in Chicago are not democratic organizations but more autocratic in their organizations and operations than any similar bodies on earth?

The unions are controlled absolutely by their business agents, and it is common knowledge to all interested in building operations that the organization and operation of the building trades unions in Chicago has but one real object—the enrichment of those controlling the various unions. If our courts of justice operated with the same speed and degree of fairness as is the rule in England, perhaps the majority of those now controlling the labor situation in Chicago would be pounding rock at Joliet.

Contractors and owners are as much to blame for this situation as those guilty of demanding and accepting graft. Obviously when graft is exacted someone must pay it. This sort of thing must be done away with once and for all if we are to have any stable conditions in the building industry.

The settlement of the jurisdictional disputes between the various unions is of more importance than any wage question. One well-known speculator recently told the editor that on all of his work he always set aside 10 per cent of the cost of his buildings to keep things square with the business agents. He said finally conditions got so bad that he had to cease building operations entirely; that he could not afford to be continually held up, and therefore has entirely abandoned the building business.

If the contractors and material men who have recently been arrested at the behest of the carpenters' union would retaliate by having every business agent of every union arrested and prosecuted for criminal conspiracy who has been guilty of demanding graft and of calling jurisdictional strikes, the public would begin to realize what is the matter with building operations in Chicago.

Also, why should not civil suits for damages be instituted against these same business agents, who in many cases are reputed to have amassed in a few years independent fortunes out of their savings of a weekly wage of about \$50.00?

On the day we go to press inquiries from those in a

position to know would indicate that all of the conferences held since the lockout have been fruitless and that to-day the unions and the bosses are farther apart than they were on the day of the lockout.

It is evident that the record of the lockout in 1900, which lasted thirteen months, may even be equaled in the present crisis.

When the present situation is clarified it might even develop that Chicago will for some time after peace is declared be an open town, as economic laws which cannot be repealed are always at work, and if the operation of these laws may be predicted from history, it will not be many months before there will come economic readjustments so far reaching that every building mechanic will be glad to accept any wage offered. Had the building mechanics in Chicago any conception of these economic laws, instead of striking and doing everything possible to prevent the construction of buildings NOW, they would have united in a campaign to boost Chicago and have reaped some of the benefits of the present high prices before the inevitable reaction which must come is upon us, but evidently they are of the belief that a "soup kitchen" is preferable to a well-filled larder, and if the present difficulty is not adjusted very shortly they will realize that nine-tenths of a loaf is better than no bread at all.

Building Policies of Congress Shown to be Inconsistent

WASHINGTON, D. C., Sept. 22.—Congress is very inconsistent in its building policies. The House Committee on Public Buildings and Grounds has been instrumental in holding up a governmental construction program involving the expenditure of approximately \$70,000,000. The delay is based upon the belief of certain committeemen that the price of building materials will recede. This Committee now proposes to authorize the erection of a new House office building to care for the needs of their fellow legislators.

The proposed building will cost \$4,000,000. The design will be similar to the present House office building. As the Supervising Architect of the Treasury Department has not been asked to prepare any plans it is evident that private architects will be called in. At least this policy was adopted in the erection of the present structure which was completed in 1905 and dedicated by the late Theodore Roosevelt as President. The building cost \$4,085,463. The membership of the House was increased after the 1910 census and the quarters became crowded.

A new apportionment will follow the 1920 census and additional rooms will be required. The selection of many new committees makes it necessary to provide adequate committee rooms. The building will be erected on the site east of the present building and south of the Congressional Library. Mr. Langley introduced a bill last week providing for the purchase of the land. It is also proposed to erect an archives building to store the files and documents that now crowd the rooms of the Capitol.

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Institute Directors Assigned to Local Chapters

WASHINGTON, D. C., Sept. 22.—Members of the Board of Directors of the American Institute of Architects have been assigned to the following Chapters:

Mr. Kohn: The Central New York, Buffalo, Pittsburgh, Southern Pennsylvania, and New Jersey Chapters; Mr. Donn: The Cincinnati, Virginia, and the Washington, D. C., Chapters; Mr. Zantzing: The Philadelphia and Baltimore Chapters; Mr. Kendall: The Boston, Connecticut, and the Rhode Island Chapters; Mr. Favrot: The North Carolina, South Carolina, Georgia, Alabama, Louisiana, and the Texas Chapters; Mr. Ittner: The Colorado, Kansas City, Kentucky, Nebraska, St. Louis, and Tennessee Chapters; Mr. Hewitt: The Minnesota, Iowa, Wisconsin, and the Michigan Chapters; Mr. Schmidt: The Illinois, Toledo, Dayton, Columbus, and the Cleveland Chapters; Mr. Lawrence: The Oregon and the Washington State Chapters; Mr. Faville: The San Francisco and the Southern California Chapters; Mr. Fenner: The New York and Brooklyn Chapters.

It is hoped that other arrangements will be perfected when the Post-War Committee and the Committee on Regional Representation take final action. The directors will be charged with assisting local Chapters in all problems and will be expected to visit each Chapter annually.

These assignments were ordered at the session of the Executive Committee, held at Detroit Aug. 15. Thomas R. Kimball, president, called the meeting to order at the opening session at the Hotel Statler. Those in attendance were William Stanley Parker, secretary, D. Everett Waid, treasurer, Richard E. Schmidt and Robert D. Kohn. E. C. Kemper, the Executive Secretary, and C. H. Whitaker were present at all meetings.

The Michigan Chapter entertained at the Detroit Golf Club. Members of the Michigan Society of Architects, then meeting in Detroit, attended the function. Questions concerning the profession were discussed by Institute representatives and local architects. The officers and directors of the Michigan Chapter entertained the committee at luncheon on the following day.

Institute to Co-operate with Art Service League

WASHINGTON, D. C., Sept. 22.—Co-operation of the American Institute of Architects with the Art Service League has been assured by the Board of Directors. Secretaries of Institute Chapters have been instructed to assist in the furtherance of the movement, pointing out the advantage of co-operating with similar organizations already in existence, rather than the creation of a new group.

The action was taken in response to a communication presented to the Board of Directors by Frederick W. Perkins, secretary of the Art Service League, which was organized in Chicago for the purpose of uniting the efforts of art workers in the public service, state, civic and national, to co-operate in the promotion of better acquaintance with current affairs and more active participation in public matters. One of the chief functions of the league is to bring the public in touch with the value and proper application of art and the development of its use as a national asset.

It was Mr. Perkins' intention to secure authorization

from the governing body of the Institute to advocate the formation of Art Service Leagues in the territories of the Chapters. He further requested permission for sending out a circular letter from the headquarters of the Institute to the officers and executive committees of all Chapters, with suggestion that co-operative action would be beneficial. The league secretary believed that these several leagues could eventually be merged into a national body of great power.

Foreign Delegates to Attend Trade Conference

WASHINGTON, D. C., Sept. 22.—No better evidence could be offered of the importance attached to the International Trade Conference at Atlantic City, September 30th, than is found in the personnel of the delegations that are coming from Great Britain, France, Italy and Belgium. This response to the invitations of the United States Chamber of Commerce, extended with the approval of our Government, together with the hearty co-operation manifested by our own business men and bankers, assures a gathering of minds and men whose deliberations will aid greatly in the understanding of the international trade problems now urgently requiring solution.

Makes Optimistic Building Report

CHICAGO, ILL., Sept. 18.—According to a report just issued by the Federal Reserve Bank of this district, business is going forward on high gear, retail stocks are fast being depleted, and jobbers cannot get goods enough to supply the trade.

"But for labor and the building material shortage business would be enormous," says the report. "Advanced prices make no difference. All stocks are admittedly very low. This is partly due to the efforts of jobbers to protect their customers against possible slumps, partly due to the shortage of freight cars, and partly to the desire of the people to spend their money as fast as possible. Retail conditions are described as healthy, but there is complaint on account of the large amount of money needed to do business."

The report also goes into detail concerning the questionnaire, covering the Seventh Federal Reserve District and including all the great branches of industry. It sets forth that there is considerable complaint about decreased efficiency of workers, not merely because of shorter hours, but because of the letting down of interest in work and a growing desire to live for amusement, self-indulgence and luxury.

"The labor crisis, which was giving general alarm a fortnight ago, seems to have passed," says the report. "The one dark cloud now visible overhangs the steel and iron industry. In view of the great difficulty now attending foreign trade operations, any interruption in the operation of steel plants would be of more than ordinary moment."

Architects and builders in this city are interested in an announcement that a community housing project involving the expenditure of from \$12,000,000 to \$15,000,000 will result from one of the biggest transactions ever made in real estate in the Calumet district for subdivision purposes. Deeds conveying the property to the Indiana Homes Company, composed of Inland Steel interests, call for the building of 2,000 homes and an addition to the city of Indiana Harbor of 8,000 to 10,000 people.

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Bill Proposes to End Housing Corporation

Dissolution of the United States Housing Corporation is proposed in a bill recently reported in the House of Representatives. Its abolishment is advocated on the ground that it was created as a war-time measure, and Chairman Langley of the Public Buildings Committee finds ample justification for its abolishment.

Although the United States Housing Corporation is considered a temporary organization, Chairman Langley asserts that it is being perfected on a permanent basis, that personnel is even now being augmented, and that salaries have been unnecessarily advanced.

Should the Housing Corporation be dissolved, the buildings that have been constructed by it, and which are now under its jurisdiction, would be sold by the Secretary of the Treasury under the terms of the present bill.

Another bill has been drafted providing for a Bureau of Housing and Living Conditions, in the Department of Labor. The proposed bureau would aid the Housing Corporation to bring its work to completion, and then would take over all the plans, data and reports of the corporation, as well as those of the Housing and Transportation Division of the Emergency Fleet Corporation.

Construction Active in Philippines

The Bureau of Foreign and Domestic Commerce issues the following:

A great deal of cement will be required in the Philippines at Manila, if the buildings now projected are constructed. Several cement plants are in operation, and the Insular government intends to erect another. There are abundant deposits of lime and clay, but the high price of coal reduces profits.

Machinery is being bought in the United States for a concentrator for use in extracting the copper ore of the Mountain Province. Large quantities of this ore have long been known to exist, but the cost of transportation to tidewater has been prohibitive. The natives also wash considerable gold from neighboring deposits.

Contractors Seek to Eliminate Abuses

An effort is being made by the General Contractors Association of San Francisco to eliminate some of the undesirable practices which have crept into the contracting business, such as procuring bids merely for information, changing the method of doing the work after bids have been taken, refiguring to bring in new competitors and asking an unreasonable number of bids on alternative propositions.

Registration rules have been adopted by the association providing for the manner in which bids shall be taken and governing the members in submitting them. These rules require that the owner, architect or agent calling for bids must decide at the outset whether the work is to be done by general contract, segregated contracts or on a percentage basis, and he will then be expected to conform to his original decision. Contractors must submit bids to the secretary of the association in duplicate, one for record in the office, the original bids to be delivered by the secretary to the person asking for them and opened and read in the presence of the secretary and as many of the bid-

ders as may be present. No bids other than those submitted by the secretary shall be considered. No job may be refigured except by the original bidders and then only when substantial changes have been made in the plans or specifications.

Members are prohibited from registering bids for any job when not requested to do so, but they are not prohibited from legitimately soliciting an opportunity to figure work. Contractors asked to estimate work to be done on a percentage basis are protected by requiring contractors asked to figure work to first ascertain from the secretary whether the job is clear. Contractors are also required to protect bids secured from specialty contractors and prices obtained from material men. Not more than three alternative figures may be submitted on any job and unit prices may be given only for excavating, pile driving, concrete foundations and steel tonnage. After a job has been started the method of doing the work shall not be changed unless the joint arbitration board finds a change advisable.

National Safety Council

A remarkably ambitious and comprehensive program has been arranged for the Eighth Annual Safety Congress to be held at the Hotel Statler, Cleveland, Ohio, Oct. 1-4, inclusive. Lectures and discussions have been arranged to cover the most important branches of industry. They include a construction section, where six speakers will each devote an hour to the subject of safety in this field, all to be followed by open criticism and comment. Other large groups represented are for the benefit of metalworkers, woodworkers, chemists, cement people, railroad workers, electrical employees, public utilities interests and general health service and public safety.

Every working hour in the four days will, it would seem, be crowded with activity. A safety exhibit is to be shown which is described as most pretentious and elaborate. D. Van Schaak is president of the National Safety Council, 168 North Michigan Avenue, Chicago.

Severe Labor Shortage Felt in the Lumber Industry

CHICAGO, ILL., Sept. 22.—The shortage and inefficiency of labor is everywhere felt in the lumber industry. Not only strikes in the mills and camps themselves, but unsettled transportation facilities caused by threatened railroad strikes and other labor difficulties are potent causes of low lumber production. Labor is scarce in many sections, and, worse than this, producers say it is almost impossible to get men to turn out as much work to-day as they did a year or two ago.

In some quarters it is a rare thing for a number of men to remain in one mill for a long period. Dissatisfaction over the merest trifle is taken as an excuse for quitting, and the employer is helpless. Because of these labor difficulties and other high costs of production, some mills are not very active, and this, at a time when greater production is everywhere urged and needed, is a deplorable fact. In some southern sections the labor situation is reported as easing up, but the class of labor is practically nowhere as good as it was before the war. Men who left the lumber mills and camps for the army are not returning to their places on demobilization in as great numbers as was hoped for and expected.

Urges Return to Careful Buying

WASHINGTON, D. C., Sept. 22.—People in many parts of the United States are virtually in league with the profiteers, according to William Mather Lewis, director of the Savings Division of the Treasury Department, who has just returned after visiting the various Federal Reserve Districts.

"A veritable orgy of extravagant buying is going on," he said. "The reaction from the careful use of money during war-time is widespread and disturbing. Retailers are securing goods from jobbers without arguing about prices, if they can only be assured of immediate delivery. They know their customers will scramble for the goods, regardless of cost. Thus, with an abnormal demand and a limited output, nothing else can be expected than high prices. It is a natural, though deplorable, consequence that profiteers abound."

"The people must return to the policy of careful buying and regular saving if they wish to help the situation."

The Treasury Department, in order to combat this artificial situation, is intensifying and speeding up its thrift campaign. Statements on the principles of finance and the laws of investment and budgetary are being brought to workers in factories; to farmers; to business and professional men, and members of women's organizations by means of printed publicity and the spoken word. A nationwide attack upon swindlers who are persuading people to dispose of their Liberty Bonds and War Savings Stamps is also being inaugurated.

"Throughout New England savings and thrift organizations already are exerting their combined efforts to combat increased cost of the necessities of life. Saving directors and hundreds of officers of Savings Societies are to King the lead in disseminating information as to fair prices."

"In their communities they are aiding the determination and publication of fair prices and in curbing unjust profits. They are following the plan of campaign recently outlined by Governor W. P. C. Harding of the Federal Reserve Board to promote regular and efficient work to increase production and insure reasonable economies to devote that production to necessities rather than extravagances or luxuries."

Cleaning Los Angeles Streets by the Vacuum Process

The use of vacuum cleaners has practically eliminated flushing of paved streets in Los Angeles, Cal., according to the last annual report of Mr. A. C. Hansen, city engineer, which gives the following particulars of this method of street cleaning: During the year ending June 30, 1918, four vacuum cleaning machines were employed, working two shifts of eight hours each under the supervision of two city inspectors. The city paid 10½ cents per 1000 square yards cleaned, the contractor furnishing and maintaining the equipment with a driver. The four machines clean approximately 1,500,000 square yards of pavement each day of two shifts. These machines have a vacuum suction apparatus, with a rotary fan operated by an independent motor mounted on a 2½-3½-ton truck. Each machine is equipped with a speed recordograph that registers the speed traveled during any portion of the day, the distance traveled, and the time during which no work is being done, whether standing in the garage or on the shift. As the speed at which these machines are operated is an important factor in the quality of work produced, the contract is conditioned for a speed not to exceed 4½

miles per hour, and as the recordographs register the miles traveled during each shift they operate (within certain limits) as a check upon the speed maintained while cleaning a street, and on the area claimed to have been swept. Each machine is given a certain group of streets for each shift during the week. No machine is allowed to work on streets not on the particular route to which it is assigned except by authority of the city foreman in charge of the work. Within certain limits these routes are sufficiently flexible to meet the unforeseen change in conditions that may arise.

Carves Perfect Image of Self

The most remarkable wood workman in the world is Hananuma Masakichi, of Tokio, Japan, who has carved a figure in wood so like himself that when the two are placed side by side it is said to be almost impossible to tell which lives and breathes and which does not. By several connoisseurs in art this wooden figure has been pronounced the most perfect and human image of man ever made. Masakichi has faithfully reproduced every scar, vein and wrinkle to be seen on his body. The figure is composed of 2000 pieces of wood, dovetailed and jointed with such skill that no seams can be detected.

Tiny holes were drilled for the reception of hairs, and the wooden figure has glass eyes and eyelashes in which no dissimilarity to Masakichi's own can be detected.

The Japanese artist posed between two mirrors while modeling this figure, and for some time after its completion he posed frequently beside it, to the confusion of spectators, who were often entirely at a loss as to which was the artist. The figure stands with a little mask in one hand and an instrument for carving in the other; the lifelike eyes are apparently gazing at the mask, and the face wears a look of intense absorption.

Milwaukee to Bring Art Home to the People

Dudley Crafts Watson, director of the Milwaukee Art Institute, is making preparations for a series of popular art demonstrations in the Fine Arts department of the State Fair during fair week.

"Many people think they do not care for art because they find it difficult to understand and they haven't time, they think, to study it, but art is for every-day folks and I will show them that it is," said Mr. Watson, speaking of his series of popular talks on art to be given in an outdoor gallery on the fair grounds.

Maurice I. Flagg, in charge of the Fine Arts department at the fair, selected Mr. Watson as an interpreter of the Boris Anisfeld collection of paintings, which is to be the attraction of the art department.

Mr. Watson is to make eight gallery tours each day and will explain the new art of Anisfeld and bring out the subtle meanings of the canvases so that residents of rural sections, who think art is not for them, will be as much interested as the connoisseur who is up on everything in the art world.

During the war Mr. Watson was an instructor and popular entertainer on art at the Great Lakes Naval Training Station. He taught 20,000 Jackies how to draw and paint, and soon had them sending illustrated letters home.

At the fair Mr. Watson will divide his time between the gallery talks on the Anisfeld canvases and his outdoor gallery demonstrations intended to popularize art.

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Historic Site of Equitable Building in New York

The land on Manhattan Island on which the Equitable building stands, and the territory around and about it, is of sacred memory so far as early American history is concerned, states the *Equitable City*. Just across the way on Broadway was Burns' coffee house, where the Revolution really started. Here was erected at a later date the City hotel, the scene of many memorable functions during the early days of the republic.

On the northeast corner of Nassau and Cedar streets is a bronze tablet which reads as follows:

Here Stood
The Middle Dutch Church
Dedicated A. D. 1729
Made a British Military
Prison in 1776
Restored 1790
Occupied as the U. S. Post Office
1845-1876
Taken down 1882

At which time the post office moved to the present federal building in City Hall park.

On the site of the present subtreasury, at Pine, Nassau and Wall streets, a new city hall was erected in 1699. In front of the building was a cage for criminals, with whipping post and stocks—but not the kind of stocks they sell there now. When independence was declared the building became the capitol and was called Federal hall. Here the Declaration of Independence was read from the steps in 1776, and here also Washington was inaugurated first president of the United States in 1779.

The wide strip of pavement on the west side of Nassau street in front of the Bankers Trust building bears evidence of the former existence of Federal hall. The latter extended across Nassau street to the building line of the street and so closed the thoroughfare that a passageway was established around the building in order that pedestrians might more readily go to Nassau street. When the subtreasury was built in 1836 on the site of Federal hall, Nassau street was opened to Wall street, and the little passageway was left and forms the sidewalk of to-day.

A Famous Fountain

After night has set in upon the Schwarzenbergplatz in picturesque Vienna, hundreds of enthusiastic tourists were wont to throng about the place to hear a well trained outdoor band peal forth strains of classic music and to gaze upon the wonders of its glorious fountain, states an enthusiastic writer in the *New York Sun*.

Before the palace of Prince Schwarzenberg is the celebrated "lumineuse" fountain, lighted by twenty-seven hidden reflectors, containing a total power of 270 million candles. The bowl is tremendous in size and sprays of water ascend in every color and shade imaginable, built within each other in circular form. The outer part, for example, will be crimson red, while the extreme inner center sends forth a brilliant ray of gold, and each few seconds the former changes to a fainter tint, going gradually from the original hue to garnet, ruby and lastly light red. Meanwhile, with the gold section running into bronze and yellow, a sudden outburst of dark green emerges from another spot, blending its spray to an apple, olive and finally Nile shade, with the beautiful contrast of a deep

blue at its side, this also changing from navy to its more delicate colors.

Little springlets of quickly revertible brown, pink and orange play together, and link each other, dropping back into the large pool in an entirely different tone, namely, violet. Immediately on top of this, heliotrope and pale lavender bounce up, and so they go on, always illuminating the tiny drops differently upon their descent.

With all these marvelous interplays of every existing hue, perhaps the greatest splendor of the scene lies in the fact that each radiance of dew takes turns at shooting up the highest and often one must cast his glance to a considerable height when gazing upon the tallest little bubble.

Famous Painting Stolen

The Madonna and Child of Giovanni Bellini has been stolen from the Church of the Madonna dell'Orto at Venice and a colored photograph substituted to conceal the theft. The masterpiece dates back to the fifteenth century and was the pride of Italy. It is said to be priceless.

Commuting and Rents

The announcement of the Long Island Railroad that its summer service would be continued until October 15 this year is referred to by the *Brooklyn Eagle* as interesting not merely because it shows the growing prosperity of many Long Island towns, but because it reveals a way of escape from the housing shortage and the resulting high rents in the city. Commuting has been much heavier this year than ever before, forty-five thousand books having been sold in July, an increase of nearly nine thousand over the heaviest month last year and almost double the number six years ago. Continuing, the *Eagle* states:

Commuting was growing in favor steadily before the war, as the transportation improved and suburban villages learned to offer more of the conveniences of city living along with country air and the sense of freedom which came from the possession of a lawn and a garden. The tendency was healthful and under its stimulus owners of country real estate overbuilt in the same way that city builders did, although not to the same extent. Now they are to get their reward. Improved railroad service has made their cottages available for all the year round use at a time when the city has found no adequate relief for its shortage on apartments. To meet that condition, the Long Island Road expects to run more trains through the winter than it has ever found necessary.

Under this pressure people may be driven to pass the winter in the country who would very much prefer a city apartment if they could find one. If the weather should be like that of last winter they will find the experiment much less burdensome than they imagine, while, if the extreme cold of two years ago is repeated, they will suffer considerable inconvenience. Even at the worst, however, they will find their condition much more comfortable than it would be in Berlin. There the housing shortage has left 2,000 homeless families, and an appeal to householders having more room than they need to take in strangers has brought so little relief that the authorities are considering billeting the homeless among the families having spare rooms. We shall not come to that pass here, because the possibilities of suburban living will relieve the slow progress we are making in building new apartment houses in the city.

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Collective Thinking by Architects and Public Reduced Lumber Cut for 1918 Due to Economic Conditions

What we need, states Carl F. Gould, head of Department of Architecture, University of Washington, in an address before the Washington State Chapter, American Institute of Architects, is, first of all, more collective thinking, both on the part of the architect and on the part of the public, and until we do think more nearly alike it is doubtful whether we will make progress towards a permanent architecture. I am sure I perceive protest, protest against uniformity—it has been our slogan above all to be original. The public says, build me a house, I don't care what or how, the only condition I make is, it shall have absolutely no semblance to its neighbors. Any suburban street in any American town is evidence of this fact. A heterogeneous assortment of every period and type, and the whole commonplace, misfit, sterile and terrifying in its ugliness.

The newer education shows tendencies toward a more rational and greater uniformity of method. It does not discard historic precedent; it brings into the foreground the great masterpieces of the past for inspiration; it analyzes them in terms of the then existing conditions, but above all it teaches us to solve our present-day problems into terms of practical requirements, conditions of construction, materials, locality and climate. It remains for our educational process to be willing to search our greater universal tendencies and develop our thought in their direction. However much we older men may be able to adjust our thinking process to the newer order, for the newer order is coming as certain as day follows dawn, we can never do so with the agility of the embryonic architect or the student who is now getting his ground work established. Our schools of architecture should be the most fertile preparatory field for the mold in which he eventually must find a niche. We can only hesitatingly forecast what this mold will be, and prepare imperfectly our courses of instruction for the boys who contemplate pursuing them.

The two great conflicting points previously expressed, the following of historic precedent with such close servility as to create misfits; or the utter ignoring of precedent and creation of sterile riot of individuality. No architect's education could, we believe, be considered complete without an intelligent understanding of historic styles, without being able to interpret the subtle fineness of the Greek, the sumptuous dignity of the Roman, or the austere aspiring quality of the medievalist. The student's problems will by no means close at this point. He must be taught the processes of analyzing a problem accurately in terms of its conditions; be able to reduce the complex into its component elements, sense the essentials of a problem, place them in their relative order with equal skill, whether the plan of a workman's cottage, an industrial plant or a courthouse. All the while his thoughts must be shot through with an awakened sense of relative truth in form of proportion. This sense of pure beauty to be attained variously by drawing from life, modeling in clay, exercises in color, and by the abstract study of form or esthetics.

In this analysis of instruction we cannot omit the study of mathematics and of construction, the necessity of which is well recognized. Just as the figure of a man fully clothed is his flesh and blood, full of action and joy in living is only possible if the bone framework is sound, so a knowledge of the framework of art or structure of its members must be thoroughly attained.

WASHINGTON, D. C., Sept. 22.—The Forest Service in its recent report of the lumber cut in the United States in 1918, computes the total cut to be about 32 billion feet, based on the assumed operation of 22,546 mills. This 1918 cut is 11 per cent smaller than the computed production in 1917. The reduced output in 1918 is traceable to the unusual economic conditions everywhere prevailing, including high cost of production, a minimum of construction work aside from war demands, the diminution of the export trade, etc. Oregon and Washington are the only important lumber sections that show an increase in cut in 1918, and the per cent of this section is only two per cent. A smaller output by about 20 per cent is reported for the yellow pine group of states, a decrease of 19 per cent in the North Carolina pine group and of 9 per cent in the Lake states.

The years 1907 and 1906, out of the past fifteen, show the highest estimated total cut of lumber, approximating 46,000,000 feet each of these two years. In 1916 about 40,000,000 feet was cut and in 1917 about 36,000,000.

Personal

J. W. De Young and K. Roald have formed a partnership for the practice of architecture. Spalding Building, Portland, Ore., offices.

Boael & Brown, architects, 1725 H street, Washington, D. C., have changed the name to Ward Brown, 924 17th street, N. W., Washington, D. C.

The Associated Buffalo Architects, Inc., who are preparing the plans for the Buffalo schools, desire literature from manufacturers and jobbers.

Ellert & Lahr, architects, recently of Chicago, have opened an office for the practice of their profession at 610 World-Herald Building, Omaha, Neb.

Hallett & Pratt, architects, Mutual Building, Richmond, Va., have opened a branch office in Room 1105 American Building, Baltimore, Md. Mr. Pratt in charge.

Roy Seldon C. Price, formerly at 915 University Club, St. Louis, is moving to the Arcade Building, where he desires to receive samples and catalogues after Sept. 15.

Byron E. Porter, architect, recently returned from France, has opened an office in Akron, O., and desires catalogues, literature, samples, etc.

William L. Pedicord, architect, has reopened his office at Iowa Falls, Iowa, after spending ten months in government service. He would like catalogues and other descriptive literature from manufacturers.

Inguard Greisen has withdrawn from the firm of Goldberger & Greisen, Perth Amboy, N. J., and has opened an office in the Raritan Building, that city, for the practice of architecture. Manufacturers are requested to send samples.

J. H. Appeldorn, formerly of York and Sawyer, architects, and recently with the U. S. Shipping Board Emergency Fleet, Housing Branch, has been appointed architect and general superintendent for the Modern Housing Corporation of Michigan, and the Modern Dwelling Corporation, Ltd., of Canada, both subsidiary companies of the General Motors Corporation. Mr. Appeldorn desires to have catalogues sent to his office, 435 Woodward Avenue, Detroit, Mich.

News from Various Sources

An extensive campaign of house building is planned in Pittsburgh district by large corporations to aid in holding skilled and unskilled labor.

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Italians in the recently devastated Mugello Valley have started a reform movement architecture better suited to withstanding earthquake shocks.

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The Bureau of War Risk Insurance states that insurance awards made to date total slightly over \$1,000,000,000, according to report issued by Insurance Division.

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Announced from Bucharest that by a royal decree dated Aug. 29 the study of the English language has been rendered obligatory in all boys' and girls' secondary schools in Rumania.

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Announced that Great Northern Aerial Syndicate of Liverpool hopes to have first passenger airship in service by May, 1920, to fly around the world. Liverpool will be starting place.

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A dispatch from Santiago, Chile, states that a \$10,000,000 program of construction was decided upon by the municipal council in order to give work to unemployed and to alleviate social unrest.

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The limitation on height of buildings in Minneapolis has been raised from 12 to 15 stories. An ordinance providing that hotels may be constructed to a height of 15 stories was passed at a special session of the city council.

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It is announced in the House of Commons that British government will offer prizes amounting to \$320,000 for airplane competition in order to develop safer types of machines. Large prizes have also been offered by private people.

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Journal of Commerce, Sept. 2, publishes program of Chemical Exposition to be held in Chicago Sept. 22-27. Stated that the exposition gives promise of demonstrating America's progress in chemical and allied industries in a measure that has been accomplished at no previous exhibits.

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Announced that Americanization work among foreign-born employees of Chicago industrial plants, conducted by Committee on Americanization of the Chicago Association of Commerce, in collaboration with Board of Education, has grown remarkably since it was started a year ago. More than 6,000 students are attending 65 classes, which hold 156 sessions weekly in 30 different plants.

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The Coblenz correspondent of *New York Times* states that German interests claim to have acquired large grants of land in Mexico, Argentina and Paraguay, which will be colonized with German emigrants financed by a semi-official corporation and pledged to work for the Fatherland above personal interests. The name of the corporation is Kolonial Handels und Farms Gesellschaft, of Berlin.

At a meeting held recently at Des Moines, Iowa, the Iowa Society of Landscape Architects came into being with Frank H. Culley, head of the department of landscape architecture of Iowa State College, Ames, as president. The society will proffer its assistance in selecting and planning state parks.

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Announced from St. Louis Sept. 3 that Board of Bishops of African Methodist Episcopal Zion Church has addressed letter to President Wilson, Congress and Governors of States asserting that colored people of United States can no longer submit without organized protest to alleged injustices practiced against them.

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The General Assembly of the State of Iowa, at its last session, enacted a law authorizing all cities of the first and second class to establish by ordinance building lines on private or public property at such distance back from the street line as may be deemed necessary by the city council to promote the public health, safety and general welfare.

* * *

Trade Commissioner H. G. MacLean, at Rome, writes of new metal alloy of zinc and copper which has been given name of Biakmetal. This alloy quickly demonstrated its usefulness in Italian industry, and by reason of its special qualities promises to attain similar success throughout world. It is stronger than steel and less corrosive than copper.

* * *

Under a bill recently passed by the house and sent to the senate, contractors engaged in government building, whose bids had been accepted prior to the declaration of war, will be reimbursed by the government for losses suffered by them through increased cost of material, delay on the part of the priority board, or to commandeering by the government.

* * *

Announced Sept. 3 that President Wilson's industrial conference between labor, capital and agricultural interests, which will attempt to work out a solution of present economic crisis, will be held in Washington between Oct. 5 and 10. Forty-five representatives will be included in meeting and President Wilson will preside. President has requested Chamber of Commerce of United States, leading agricultural associations, investment bankers and Samuel Gompers, president of American Federation of Labor, to submit to him nominations for delegates representing each group.

* * *

The Michigan legislature recently passed a law to encourage the planting of nutbearing and other food-producing shade trees along state trunk highways and other roads. The law makes it the duty of the state highway commission and the state commission of agriculture to look after the setting of such trees and of the state agricultural college and the public domain commission to distribute stock to local officials at a nominal cost and these local officials are to set out the trees. They are to be planted at intervals of twenty to forty feet along the roads. Injuring roadside trees is made punishable by a fine of \$1 to \$25 and imprisonment of not more than thirty days.

Financial and Commercial Digest

As Affecting the Practice of Architecture

Building Material Men Active in Effort to End Chicago Lockout

CHICAGO, ILL., Sept. 22.—Building material men of this city, suffering heavy losses because of the tie-up and long cessation of all construction activities, are taking a hand in the wage controversy in an effort to end the lockout and strike before it is too late to continue with outdoor work this season. Edward Hines, of the Edward Hines Lumber Co., is chairman of an arbitration committee of the building material dealers, the members of which have been meeting with the employers and union representatives for several days. It is understood that those in the conferences are considering a proposal to call off the tie-up and leave the settlement of the wage issue to a commission of six representative citizens.

Business men are beginning to believe that it is time for radical action to bring about some settlement which will allow a resumption of work and prevent further financial losses, both in wages to the workers and a large amount of construction work abandoned at the time of the lockout. It is said that a settlement will mean a demand for practically all materials which will absorb the stocks of the material yards in exceptionally heavy volume. In all sections of the city buildings have been started, and contractors will suffer heavy losses unless this work can be gotten under cover before the cold weather season. It has been announced that with the exception of the carpenters, the union men are not only anxious, but willing, to go back to work and leave settlement of the wage controversy either to an umpire or commission.

In the meantime, reports all indicate that building activities throughout the Middle West, during August, show an increase for the same period of the five years previous to 1919.

The building contracts awarded during the month of August, 1919, in the territory north of the Ohio and east of the Missouri rivers, according to statistics, amounted to \$267,261,000. This figure, although 13 per cent under the total for July, 1919, indicates an increase in building activity of 63 per cent over the average for August of the five years previous to 1919.

The August figures bring the total amount of contracts awarded during the first eight months of 1919 up to \$1,565,489,000, which is a greater amount than has been recorded for the same period of any previous year. This figure is 40 per cent in excess of the average figure for the first eight months of the five years previous to 1919, if figures for those years be estimated in terms of 1919 building costs.

The figures for contract awards up to Sept. 1 indicate a banner year in building operations. The crest of the curve was passed in July, but delays in operations, due to labor troubles, shortage of materials in certain localities, and other causes have occurred. Consequently, it appears likely that actual construction has yet to reach its maximum volume and that the building season will be necessarily prolonged as far toward the close of the year as weather conditions will permit.

The wage controversies have spread to other cities throughout Illinois. During the week, 1,500 union carpenters in Rock Island, Moline and Davenport walked out, following a refusal of a majority of the contractors to increase the wage scale from 75 to 80 cents an hour. In consequence building operations in the three cities are practically at a standstill. An idea of the result of Chicago's tie-up may be seen in the records in the city building department. During the week ending Sept. 6, a total of 22 permits were issued for buildings to cost \$275,700, as compared with 54 permits for work to cost \$736,700 the corresponding week last year.

George M. Reynolds, president of the Continental & Commercial National Bank, returned from the East during the week. He said, among other things:

"I found, among Eastern banking interests, a hopeful state of mind. Developments in the labor situation have, within the last week, indicated a change of attitude on the part of leaders. President Wilson may be able to effect a strike truce for three months, and if he should, time will have been given for adjustments and a better appreciation by labor interests of the difficulty of raising wages and keeping down, at the same time, the high cost of living.

"There is a good demand for money. Our loans are rather high, but I see nothing to suggest an uncomfortable money situation."

Lays High Prices to Export Buying

WASHINGTON, D. C., Sept. 22.—The cost of living, foreign exchange, foreign trade, and foreign financing problems are discussed in a statement issued tonight by the Federal Reserve Board, in which the board again rejects the idea that the excessive volume of our currency is the cause of prevalent high prices.

While thus disposing of the currency as the cause of rising prices, the board does not overlook the important influence exerted by credit expansion, pointing out that the expansion of credit has been a considerable factor in our financial and price situation, and one which still calls for correction by the process of increasing production and saving, and by the investment of savings in Government bonds.

"The most recent data available," said the board's statement, "show that for the year ending June 30, 1919, total deposit liabilities in national banks increased by the amount of \$1,902,356,000, or from \$14,021,009,000 to \$13,924,865,000, and that loans and discounts increased by the amount of \$954,436,000, or from \$9,620,402,000 to \$10,574,838,000. The increase in deposits, therefore, exceeded the increase in loans and discounts by the amount of \$948,920,000, or close to 100 per cent. The rate of increase in deposits for the year was 13.6 per cent, as against 9.92 per cent for loans and discounts.

"A substantial portion of the increase in deposits must, therefore be accounted for otherwise than by an increase in the commercial loan account of the banks. The significant change in their resources is found in their investments in Government bonds and Treasury certificates.

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These increased \$1,055,127,000, or from \$2,116,775,000 to \$3,171,912,000, an increase of 49.8 per cent. It thus appears that the increase of deposits is to a considerable extent to be regarded as a pure credit expansion not called for by increased industrial activity, but occasioned by the use of the banks' credit for Government financing. It shows once more how much care and discrimination must be used in interpreting decreases in banks' deposits and banks' resources, in times like the present and the recent past, when conditions in the financial world have been so highly abnormal."

The gravity of the economic and financial situation in which Europe was left by the war is emphasized by the board.

Labor Tieup in Philadelphia

PHILADELPHIA, PA., Sept. 22.—The housing situation in this city, which has already caused so much hardship, has been still further complicated by the strike of the bricklayers, who demand \$3 a day increase in wages, in violation, it is charged, of a wage agreement which does not

expire until May 1, 1920. Several organizations of master builders took strong stands in supporting the Mason Builders' Association, which has flatly refused to grant the big increase demanded.

The action most directly affecting the people of the city was taken by the Philadelphia Operative Builders' Association which, at a meeting in the Adelphia Hotel, decided to stop work on all operations tonight because of the strike of the bricklayers in violation of their wage agreement. These builders now have under way about 1,000 new houses, the need for which is keenly felt by the people of the city.

Building Materials Scarce in China

Building materials, such as bricks, tiles, lumber and lime, are reported to be exceedingly scarce in Hankow, China, at the present time. The conditions among the laboring classes, in provinces producing these materials, have greatly curtailed the production.

The Malay peninsula is now supplying more than two-thirds of the world's tin.

Peril of Lessened Production Must Be Recognized

While Country Believes Building Operations Should Not Be Delayed, Two Forces, Dissatisfied Labor and Demand for Artificial Price Standards, Are Working in Opposition to Construction on a Big Scale

AFTER months of waiting for conditions in general to become settled and for the price of building materials to become stabilized, architects and builders have decided that only through increased production on the part of manufacturers can prices be kept from showing still further advances.

While the country seems to believe that there is nothing to be gained by delaying building operations any longer, it cannot be denied that there are two forces working hard in opposition to this tendency. They are dissatisfied labor and the demand for artificial price standards. But even with these conditions, the building boom is a most hopeful sign, for it represents the faith which business has in the nation.

There can be no gainsaying the fact, however, that the immediate need is for increased production. With decreased working hours this is impossible. Labor unions are making a great mistake in asking both higher wages and shorter hours. The laboring man is sure to be the sufferer in the long run, for he has now started to burn the candle at both ends. Labor must be warned of the danger of shorter hours and the consequent lessened production.

Possibly the history of recent strikes, particularly that on the Interborough Rapid Transit lines in New York City, which died aborning, indicates that labor is beginning to realize that it may carry its demands for increased wages beyond a point where a patient and long-suffering public will docilely submit.

As a means of bringing about a better understanding between employer and employee rapid strides are being made in various sections of the country by what are termed community councils. By intelligent cooperation, by getting all classes together as one solution of the problem, is helping to do away with suspicion and distrust.

In order to produce and distribute the largest possible volume of commodities, whether viewed from an economic or financial viewpoint, the remedy for the present situation is the same, there must be more regular and efficient work and absolutely no shortening of hours. Efforts are being made by many societies to cut down extravagant buying, for America must both work and save. There are many ways to work but only one to save. In many sections of the country the question of price is almost wholly disregarded, so great is the demand for commodities.

While building conditions are not necessarily a safe gauge of prosperity, they come near being the safest measure we have. At present, the whole trend is toward great industrial expansion, based partly on the quickened business life of the country and part of what seems to be the fulfillment of Gladstone's prediction that some day the United States would achieve the commercial supremacy of the world.

It is estimated that building and engineering projects costing \$1,500,000,000 were contracted for during the first seven months of this year. The chief activity is in the territory east of the Mississippi river and north of the Ohio, where, according to the estimate of one large engineering company, contracts for work valued at \$1,298,228,000 have been let so far this year. This territory comprises industrial America, and the increase in building contracts may be regarded as a fair basis for estimating the trend of industrial opinion as to the immediate future of the country.

Last year was a record building year, not of dwellings, but of war industries and government buildings. But the building statistics for the first seven months of 1919 show that the 1910 record for the corresponding year has been exceeded by 20 per cent., a rate of increase which promises to create for 1919 a record year.

Late Building Material Market Reports

(From Our Special Correspondents)

Wide Demand for Building Materials Causes Activity in Many Lines

WHILE there has been a slight recession from the enormous building activity of June, due to numerous strikes in many sections and the general spirit of labor unrest which has developed, there is a marked increase in industrial activity which has created a wide demand for construction materials of almost every description. The demand for lumber at the present time is far in excess of the supply. Lumber prices are the highest ever known. Manufacturers in many instances are unable to accept the business offered because of depleted stocks.

Manufacturers and wholesalers for the most part agree that there is liberal buying, not only on the part of dealers, but also by the general public. With the close of the war there has come an era of spending, with too little regard for the price. To this may be largely attributed the steadily increasing trend of values. It is this continuation of demand—the demand pent-up during the war because of Governmental restrictions—together with a shortage of supply, also due to the war, that is making a rising market. Even if there were not a new price level, the prices of the most ordinary commodities would remain high, and in many cases increase, due to the economic situation surrounding their production and sale. As a result there would be a tendency toward an increase on the rest of the commodities in order to eliminate price discrepancies, and this of itself would force a new price level.

Generally speaking, 76 per cent of the cost of production of articles in common use may be attributed to wages. This explains why the most important reason for the general increase in prices and for the maintenance of high prices is the higher wage scale.

The union wage scale in the New York City building trades shows an increase of from 13 to 69 per cent from July, 1915, to August, 1919, an average increase of about 39 per cent. Building materials increased from 71 to 240 per cent in the same period. This increase is reflected to the same extent in other sections of the country.

The following tables show the amounts of increase in both the labor wage scale and material market:

WHOLESALE PRICES OF BUILDING MATERIALS, NEW YORK MARKET

	Average for 1915	August 1919	Increase, per Cent
Lime, common, per barrel	\$1.24	\$2.70	118
Cement, per barrel, net	1.03	2.05	99
Common brick, per thousand	5.94	16.00	170
Sand, per cubic yard	.50	1.25	150
Gravel, per cubic yard	.85	2.00	123
Crushed stone, per cubic yard	.85	1.75	106
Linseed oil, per gallon	.56	1.90	240
White lead in oil, per pound	.07	.13	86
Structural steel, per hundredweight	1.46	2.72	86
Hemlock, base price per thousand	122.50	40.00	78
Yellow pine timber, per thousand, short leaf	122.50	42.00	87
Yellow pine, per thousand, long leaf	128.00	50.00	127
Spruce timber, per thousand	128.00	48.00	71
Window glass (single, united, inches, 40-N), per 50 square feet	2.635	76.29	136
Plate glass, 5-10 square feet, per square foot	.25½	1.54	113

¹July, 1915. ²April, 1919. *

UNION WAGE SCALE, BUILDING TRADES, NEW YORK CITY

	August 1915	August 1919	Increase, per Cent
Carpenters, shop work	\$4.00	\$8.00	50
Carpenters, outside	5.00	6.50	30
Bricklayers	6.00	7.20	20
Cement masons	5.00	6.50	30
Composition roofers	3.50	5.25	50
Electrical workers	4.80	6.00	25
Engineers (hoisting)	6.00	7.00	17
Marble cutters and setters	5.50	6.50	18
Metallic lathers	5.30	6.00	13
Painters	4.00	6.00	50
Plasterers	5.50	7.25	30
Plumbers	5.50	7.00	27
Roofers and sheet-metal workers	5.00	6.00	20
Slate and tile roofers	5.50	6.50	18
Steam fitters	5.50	7.00	27
Stonecutters	4.50	6.75	50
Stonemasons	4.80	6.50	35
Stone setters	6.00	7.00	17
Tile layers	5.50	7.25	30
Woodworkers, per week of 48 hours	18.00	27.50	53
Hod carriers	3.25	5.50	69

Residences and Apartments Lead in Detroit

DETROIT, MICH., Sept. 22.—Residents and apartments held an important position in the new work reported from offices of architects during the week.

Among the more important items were a brick apartment of 31 suites; a 10-story structure to house 200 families, and a number of smaller projects, including a variety of stores and flats. Single residences also increased the total and included brick, brick veneer and frame construction.

Considerable industrial work was reported, but it consisted largely of additions and alterations. The contracts awarded covered a large field and included some good-sized jobs.

Building Prices Go Up in Iowa

DES MOINES, IOWA, Sept. 22.—(Special.)—Building prices in Des Moines are going up every day.

In the last week they have jumped 30 per cent. One house being built here, which was to have cost \$10,000, will run over \$19,000. Contractors who a week ago estimated building cost at \$35 a cubic foot, now put their estimate at \$50. Shortage of materials and labor is said to be the cause.

Chicago Carpenters Go to Detroit

CHICAGO, ILL., Sept. 22.—This city is halted at the beginning of a \$125,000,000 building program by a carpenters' strike. They have been offered 92½ cents an hour. In Detroit carpenters are being paid 80 cents an hour, or \$1 a day less. Yet Chicago carpenters are refusing this \$1 in Chicago and scurrying to Detroit to work for less and pay more for living.

(For Late Building Material Price Table See Page 436-A)

Department of Architectural Engineering

Payment for Estimating*

The Quantity Survey, The Nelson Form, The Kelley System—Which or None?

THE wide-spread interest which has been aroused in "Payment for Estimating" among general contractors in some sections of the country and the methods which have been adopted in many cities to establish such a policy, have been recently called to the attention of the Committee on Methods of the Associated General Contractors of America. An investigation of the facts discloses much of interest to all architects, engineers and contractors.

Since the Nelson Plan, described on page 432, was conceived, other plans which contemplate payment for estimating have been proposed and put into operation. One of these which has received some attention, particularly in the Middle West, is the so-called Kelley Plan. This is a plan owned and controlled by "The National Contractors' Association, Inc.," a private corporation operated for profit which acts (1) as organizer in keeping contractors in line as regards charging for estimates on a particular project and (2) as agent for all contractors bidding on a project in pooling and dividing the amount charged for estimating.

The plan derives its name from J. J. Kelley, President and chief stockholder of the "Association." The chief elements of the plan are briefly as follows: A definite schedule of charges for estimating the cost of projects valued at from \$2,000 to \$1,000,000 or over has been established by Mr. Kelley. A contractor, party to the plan, submitting an estimate on a job, adds to his original estimate a sum equal to as many times the cost of estimating that job (as indicated by the schedule) as there are contractors party to the plan bidding on the job. Ordinarily, however, no contractor adds this amount to his bid unless all contractors bidding agree to do so. After the contract has been awarded and the job has progressed to a reasonable stage of completion, the successful contractor pays the total amount which he has added to his estimate to the local agent of the "Asso-

ciation." The agent divides that amount equally among the bidders, except 15%, half of which goes to the local agent and half to the "Association" as commissions. Contractors, party to the plan, must be "members" of the national "Association." Membership dues were originally \$10 for life; recently it has been announced that membership is free to any contractor, general contractor, or subcontractor, who will agree to adopt the schedule announced by the "Association," add the proper amount to each estimate to which the plan is applied, and "divide up" with the unsuccessful bidders if he is awarded the contract.

For example: Ten contractors, members of the "Association," are bidding on a project approximating \$75,000 to build. The average cost of estimating such a job has been set at \$125. Each of the ten bidders then estimates the job in his own way and adds \$1,250 to his bid or ten times \$125. After the contract has been awarded and the job has progressed to a reasonable stage of completion the successful bidder pays \$1,250 to the local agent of the "Association." The agent gives each of the ten bidders \$106.25, keeps \$93.75 himself and pays \$93.75 to Mr. Kelley, of the national "Association."

A further example of what this may amount to can be seen from the following figures given by Mr. Kelley as the results of one week's estimating among 19 "Association" members in Toledo from March 16, 1918, to March 23, 1918.

Total Received for Estimating.....	\$6,487.10
"Dues" in National "Association" for 19 members @ \$10.	\$ 190.00
7½% Commission to Local Agent	486.53
7½% Commission to Mr. Kelley	486.53
85% returned to 19 members to cover cost of estimating in amounts varying from \$51 to \$1,095, average \$280.21.....	\$5,324.04
	\$6,487.10

* Acknowledgment is made to the Associated General Contractors of America for the reports here published.

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In favor of the Kelley system are urged most of the arguments advanced in favor of any plan providing payment for estimating, especially that the owner thereby pays for estimates on his job only, that he can have just as many estimates as he is willing to pay for, and that the contractor thereby gets a fair fee for his professional services. In contrast to the Nelson Form it has been urged by Mr. Kelley that his system encourages competition which tends to reduce ultimate building costs 10 per cent. An investigation of the operation of the system in one city in the Middle West brought out the information that whereas formerly five contractors was the average bidding on work, since the Kelley system has been adopted, the average is nearer twenty, a large increase.

On the other hand this very fact is urged against this particular system, and it is further stated that it encourages unscrupulous and irresponsible men to enter the field with the purpose of receiving sufficient bidding money to make a considerable profit on estimating without really contracting at all. Various elements in the Kelley system make this conclusion appear inevitable.

First, the contractor's fee for estimating is part of his bid on the job, which he controls and pays himself, rather than a separate fee paid by the owner for his services in estimating. This makes it possible for contractors to agree among themselves without the consent of the owner or the architect, to add to their bids a sum equal to the cost of estimating. So long as this is possible there is bound to exist a tendency to do so secretly and to "let in" on the job as many as are desired or "the traffic will bear." With this possible, there is nothing to prevent an unscrupulous contractor from making a rough guess, high enough to insure his bid being rejected, add on the cost of estimating, and receive a share in the payment for estimating. It is no case to state that the system is designed to be operated in co-operation with the architect and with the full approval of the owner, who would eliminate such a possibility; for despite the good intentions of the originator and the honesty of most contractors, the actual facts show that the system falls down seriously at just this point.

Investigation in cities where the Kelley system is in operation shows that while the number of bidders increases on some jobs because the architect is willing to pay for estimates, frequently it increases because he is unaware that he is being charged for the bids. A local agent in one city recently stated that the system did not work on a particular job where the owner took bids directly, as the contractors then had no means of finding out who was bidding in order to line everybody up, and appar-

ently did not care to inform the owner of the plan. In another instance where two of the announced bidders on a public contract failed to submit bids, their share of the total cost of estimating instead of being returned to the state was divided among the remaining bidders showing clearly that the charge for estimating was being made without the knowledge of the engineer in charge, or else in collusion with him to the detriment of the state. Where such secrecy is possible, excessive bidding by irresponsible contractors is also possible, and the whole system is thus brought into disrepute. This is the fundamental weakness of the Kelley system.

Other minor elements contribute to establish this fundamental weakness. According to the system, *all or none* of the bidders on a project must be party to the plan unless undue advantage is given those who do not include a charge for estimating in their bids. This makes it essential to employ a middleman, whose business it is to "line up" all the bidders on a project. The commission of this agent increases directly as the number of bidders increase. No matter how honest therefore may be the principles on which the plan is based, it is to the agent's advantage to increase the number of bidders, either as a party to the plan to charge for estimating secretly or in collusion with the owner's representative. Not only the possibility, but the actual existence of practices of this sort again bring the entire plan into disrepute.

In answer to these objections it is urged that the co-operation of the architect and the approval of the owner, if sought and gained in each instance, will remove all chance of excessive bidding. True; but it will also remove to a great extent all need for a middleman at a fancy commission. If recognition of the right to charge a fee for estimating is made by the architect or the owner, there is no reason for including the fee in the bid. If it is not included in the bid on the contract, it will not affect the total estimate, and hence it will no longer be necessary for *all or none* of the contractors to agree to charge for estimating. Thus will be removed the necessity for a middleman as organizer. If a fee is paid each contractor for estimating, there will be no necessity for the contractors to form a pool from which their payment may be made. Thus will be removed any necessity for a middleman as broker. Except, therefore, to educate small and irresponsible contractors in good business methods, there will be no need of special agents to make payment for estimating possible, once architects, owners and contractors see that it is desirable. Then if a system can be developed with the proper checks and balances, its adoption will be a matter of good business for all concerned.

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To date only the Nelson Form has proposed anything that would make the plan applicable to public work which involves a reconciliation of the principle of free and open competition with payment for *all* estimates. If applied under the Kelley system, it must be applied secretly as noted above, or else the state would acknowledge no limit to the amount it would pay for estimates on any project. This is one of the most important and difficult problems involved in the whole situation, and one which deserves particular attention.

Another important consideration is the extension of the principle to the sub-contractors on a project where the general contractor submits the final estimate. Here again the Nelson Form is particularly interesting and in contrast with the Kelly system.

General contractors in an effort to reduce their overhead costs have been asking: If an owner is willing to pay for plans and specifications in order that he may see how his ideas work out on paper, why should he not also pay contractors for the benefit of their experience and efforts in determining what it would cost to transfer these ideas on paper into a concrete structure? Since "the owner reserves the right to reject any and all bids," contractors frequently submit bids where the work does not proceed, and where no remuneration is thus paid anyone for the expense of bidding. On the other hand, while it is true that the cost of estimating is a legitimate overhead expense, it is likewise true that modern business methods teach the segregation of general overhead expense as closely as possible and charge as many items as possible directly against the account where they belong. Applied to the expense of estimating, this means that each job should bear its full share of such cost.

With these views in mind the Committee on Methods presents the following questions to architects, engineers, contractors and all others interested, with the desire of securing as much advice as possible in formulating their conclusions on this problem.

1. Is estimating a service for which a fee should be charged, regardless of who gets the contract?

2. Is it fair to have owners of jobs undertaken pay costs of estimate (a) on projects which are not constructed, or (b) on jobs that his successful contractor has figured for other owners?

3. If selected architects are each paid for architectural competition, would a similar plan work for payment of bidding by selected contractors?

4. If this plan is not universally adopted, will not architects select contractors who do not endorse it to save these bidding fees, and thus possibly eliminate the chances of the latter on such work?

5. Should payments for bidding be based on the lowest bid submitted, if work is not awarded; on the accepted bid if awarded; or on what basis?

6. If payment for bidding is appropriate and possible for building work, is it also feasible for railroad work or industrial work let on the unit price basis?

7. Should bids submitted be so itemized as to permit the owners to trade on same to competitors and thus take possible undue advantage?

8. How many alternates should be included in bids submitted under a plan of payment for estimating?

9. Should bids be opened publicly?

10. Should payments for bidding be made only when all bids are rejected?

11. Should not cubic feet and square feet estimates be included for payment, as competitors otherwise might work out detailed estimates first and then convert same into above units?

12. What provision should be made for re-figuring altered plans?

13. How will each contractor know that another contractor is charging and insisting upon payment of his fee? Is it essential?

14. If this plan is proper for general contractors, shall general contractors extend the same practice to their sub-contractors? How?

15. Will publication of a plan in current technical periodicals bring satisfactory answers; should the letter ballot plan be adopted among responsible contractors; how should a plan be put into operation?

16. Is this plan of duplicate cost of bidding really the most economical for the industry, or should one quantity surveyor be employed by the owner and no charge for pricing such survey then be made by the contractors?

17. What plan do you believe the Associated General Contractors of America should advocate for the best service to the public?

The Quantity Survey

The Case Against Payment for Estimating*

CONTRACTORS are becoming restless. They are seeking relief from conditions that are recognized as unfavorable, and the very fact of the creation of a national organization shows that they are beginning to reason about the causes of discontent and study how to improve matters.

One measure of relief proposed is the demand for payment for estimating. Another receiving considerable attention is the introduction of the quantity surveyor to supply uniform quantities as the basis of all bids. Before discussing them it will be well to consider some of the fundamental economic features of construction in this connection.

It is the building owner that eventually pays for all expense. The overhead expense of architects and contractors which cover miscellaneous expense of all sorts on projects that do not eventuate in contracts for them is collected on the jobs for which they do receive contracts. Building owners, therefore, pay indirectly for all estimating and quantity expense whether aware of it or not.

Again, there should be a sharp distinction drawn between estimating expense and quantity expense. As used in this report, estimating expense will mean the expense of determining labor and material prices and everything else that enters into pricing up quantities of work to be done, except the expense for the preparation of quantities. This is considered as distinct from estimating expense.

Estimating is a part of a contractor's work that by no method can be satisfactorily delegated to any outsider. No method of payment for it can in any way relieve him of the necessity of doing it for himself and for assuming full responsibility for the prices he offers for doing the various kinds of work required under any contract. There is undoubtedly considerable confusion among contractors in discussing payment for estimating due to its close relation to quantity preparation, and by many it is considered as covering both matters. There can be no escape from estimating expense; but there are ways which will be explained to minimize quantity expense in a very desirable and satisfactory manner.

There is a sad misconception or disregard of "overhead" on the part of many contractors. Some say, for example, that estimating expense comes out of "profit." If a contractor does not know what percentage of his receipts goes to pay for rent, insurance, interest, salaries for estimators, etc., or

doesn't care to account for these items in his estimates as "overhead," it is a matter for his choice and decision. But if he does not account for his "overhead" as a separate item in his bids, he should not complain if his so-called "profit" is reduced by the payment of such items.

There must be competition. Anything permitting or leading to the development of a Building Trust will be disastrous to the interests of the majority. On Cost Plus Work even there should be competition for a Percentage Contract among acceptable builders to demonstrate their ability to give service. Service can only be measured ultimately in terms of cost. On the other hand, competition can only exist when uniform requirements are made the basis of competition. Anything else is speculation. Constructive ability and management should be the winning and determining factor. Until they are and until a generally accepted minimum percentage of profit is demanded by all, the contractor's existence will continue to be a stormy one.

Anything that decreases a contractor's "overhead" or allows him to figure "costs" more accurately, or gives him better opportunity to demonstrate his superior constructive and executive ability, without increasing cost to the building owner, is a good thing for both owner and contractor.

Direct payment for estimating would not reduce a contractor's expense for same. His overhead would not be reduced, for a contractor would not be furnished anything that would reduce his labor or lessen his responsibility. It would simply change the method of reimbursement and shift the burden of expense. Contractors that properly treat "overhead" as something separate from "profit" know that they collect in "overhead" all of their estimating expense from the jobs they win. The building owner that gives them a contract pays for the estimating on his own job and on an average for about fifteen or twenty others that his contractor has bid on and lost, or which did not go ahead.

This may seem a hardship to building owners, but looked at from this standpoint, it is not a hardship to contractors. There are, however, many reasons why estimating expense cannot be satisfactorily paid for job by job with any hope of the building owner reaping any benefit financially or otherwise.

In other business, estimating expense or pricing is recovered as an overhead item. Take for example the simple transaction of buying the winter's supply of coal. A coal dealer doesn't charge a separate fee for giving a price for coal delivered at your resi-

*A report prepared for the Committee on Methods by Mr. William Graves Smith. Mr. Smith is President of the Quantity Survey Company, New York City.

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dence. He has computed the cost to unload and store the coal. He knows what it costs on an average to haul coal within the radius of his district. You don't expect him to figure out a price for you at so much per ton-mile for delivery at your door and to pay him for making the estimate. No; when you ask a price for a definite amount of coal you expect him to name his price. What it costs him to figure a price you are not interested in. If he set an estimating charge you couldn't tell whether it was fair or not. You wouldn't care to be bothered with separate payments and wouldn't expect that it would result in any economy to you if the coal dealers adopted such a cumbersome practice.

This example of the coal transaction should point out an important difference in the contracting business. Quantity data is furnished to the coal dealer and he names his price. In contracting, bidders have been doing both the quantity work and the pricing or estimating work. The coal dealer assumes no responsibility as to the amount of coal required. It is your responsibility to order enough to keep you warm during the winter. Contractors, however, have been assuming responsibility for all their quantity work when making bids.

There are many obstacles in the way of collecting estimating expense job by job. Who is going to determine the proper estimating fee for various classes and sizes of jobs? A uniform rate would not apply to all jobs or to all contractors.

Who is going to pay the fee, the owner, the architect, or will it be collected and paid through a broker acting for the bidders? If paid by the owner or architect, he will expect all bidders to meet the lowest fee accepted by any bidder. Contractors intent on bidding won't hesitate to bid on that account. They will add the difference to their bids if the fee paid seems too small. That would put matters back where they are now. If collected and paid through a broker acting for the bidders, unless the sanction of the architect and owner is obtained, an injustice is done the owner. If the owner must pay he should know to whom he is paying estimating fees and how many. He will be interested to know what it is costing him.

How are the sub-contractors to receive separate payment for their estimating expense? If it is good for the general contractor, it ought to be extended to the "Subs." If a fee large enough to reimburse the "Subs" is paid to the general contractor, what assurance is there that it will be fairly divided among the "Subs"? On the other hand might not the "Subs" victimize the general contractor by collecting their full allowance from each and all of the general contractors to whom they tended a bid for any job? How can this be adjusted?

What effect would it have on competition? It would stifle competition. An owner would choose to pay for a minimum number of estimates. It would foster the formation of a Building Trust which could be applied to for all estimates. That, it is useless to say, would not benefit the majority of contractors, nor would it aid the public.

How would an architect or owner know what group of contractors to pay for estimates? They know that some contractors will consider their job attractive and be really desirous of competing for it, but how can they know whom they are? Any contractor can put a price on a job with very little labor which would guarantee a fine profit and some might be tempted to do so if paid \$200 or \$500 or more for the few hours' labor required to make the estimate. But will that satisfy a building owner or an architect? Is it good business? Assuredly no.

If competition is kept open, what will prevent anyone from going into the business of making estimates based on cubage or some other short-cut method and collecting the estimating fee?

Contractors would continually know of jobs that they would like to bid upon, but had not been offered an estimating charge for doing so. Do you think that would stop them from bidding or would stop an architect or owner from considering their bids if they were responsible parties? Most certainly not; and if an owner could get good bids without separate payment for estimating expense do you think he will pay for others that would be no better?

The contradictory situation would arise where a contractor that wanted to figure a job would beg for the opportunity and at the same time demand to be paid for the privilege.

True estimating expense separated and not confused with quantity expense is a small matter. It is better left as an item of overhead. Estimating cannot be delegated to an outsider. It is too personal, and comprehends the assumption of risks and responsibility based on experience and judgment. Consequently, leave it in overhead along with rent, interest, bad bills, etc. There is no more reason for separating estimating on buildings than there is to separate the coal dealer's estimating expense from the price of a ton of coal.

It is true that contractors cannot under prevailing methods give a price for building as simply as a dealer can for coal. He must first find out what is going into a building. That involves the matter of quantity expense and the risks carried therewith. An analysis of that part of a contractor's work will develop the *real* reason for the demand and agitation for relief and dispel some of the confusion that exists. This will be treated in another report to be published at an early date.

The Nelson Form

The Case for Payment for Estimating*

ESTIMATING costs and establishing prices is an overhead expense involved in any merchandising, but the cost of doing so is generally nominal if not insignificant and can be justifiably distributed. The cost of figuring or estimating work to be performed in accordance with special specifications to meet each case, however, differs materially from establishing a price on each of a thousand hats all made from the same material and from the same pattern. The Nelson Form for Choosing Bidders and Awarding Contracts has therefore been suggested to meet special conditions; to more justly distribute the cost of competition and estimating, and to make each project bear its own proportion of the cost which is just.

It is submitted with the thought that there are three main factors entering into the relations between the purchaser and the seller, viz.:

- 1—Quantity and Quality of Materials.
- 2—Character of Labor and Personal Service.
- 3—Price to be Paid for Both.

The first factor can be determined and somewhat definitely set forth in the form of plans and specifications to be furnished by the purchaser to the seller, upon which the seller can base his price.

The *character of the labor and personal service* rendered by the seller or expected by the buyer varies as much as human nature varies and *cannot be so definitely or exactly set forth.*

The *Price*, or third factor, can be based *definitely* upon the materials, but must necessarily vary upon the Personal Service, depending upon the value placed upon it by either the seller or the buyer; therefore—

The purchaser should be allowed to exercise his recognized personal liberty in choosing the party with whom he wishes to enter into a contract; basing his choice upon price, his own confidence in the seller, his own judgment of the seller's qualifications or experience necessary to render the service he wants, or any other factor that he may himself consider most important.

*Excerpts from a statement submitted to the Committee on Methods by H. W. Nelson, Moline, Illinois. (Copyright 1916, by H. W. Nelson.)

Mr. Nelson is president of "Moline Heat" and author of "The Nelson Form for Choosing Bidders and Awarding Contracts." Although not a contractor, Mr. Nelson has for a great many years been identified with contractors and architects in the matter of letting contracts. Believing that the present method of letting contracts, particularly on public work, is entirely wrong—unfair to the public as well as to the contractors—he developed the plan here described. This plan has received some attention, but has never been put into operation on a large scale.

And when the purchaser desires competition to enable him to make comparisons or decisions based upon a combination of all three factors, competition which involves labor and expense on the part of the seller, then the purchaser shall *purchase that competition* at a fair and just price, just as he purchases anything else.

Under the Nelson Form for Choosing Bidders and Awarding Contracts, it is the intent:

First—That the buyer may have just as much fair competition as he wishes to pay a reasonable and fair price for; that he, alone desires the benefit of competition, and that no one buyer should pay for competition received by another—an abuse that exists under present methods.

Second—That when and after the buyer has chosen his competition in a fair, unprejudiced manner, and has further paid a just and reasonable price for said competition, he shall be under no moral or other obligation to the bidders; that he may make his own decision based upon his own opinion of the qualifications of the bidder or the bidder's price, or a comparison of both.

Third—That the buyer may, as he chooses, select a limited or large number of bidders. If the work is of a private nature, he may wish to choose a very limited number, if he wants competition at all. If the work is of a public character, he may necessarily wish to give every *qualified* public citizen bidder an opportunity to compete, but without the necessity of paying more for the competition than he may consider the competition is worth.

Fourth—If the work be of a public nature, the buyer may have good reasons for first *selecting* a limited number of bidders because of their residence near the work to be done, or because they may be familiar with or may have had previous experience with the work, or for sundry justifiable reasons.

Fifth—That when the buyer, in case of public work, has then chosen his *preferred* bidders, he may give every other *public* citizen who is *qualified* to bid an opportunity to compete by chance or lot for consideration as a bidder, limiting the number to be chosen in accordance with the value of the competition to him.

Sixth—That the bidder shall in no way be considered as an engineer, but solely in the light of a bidder and contractor capable of doing work in accordance with complete plans and specifications; and that, therefore, in every case where bidders are expected to bid in competition, they, the bidders, shall be furnished by the buyer with *plans, specifications,*

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drawings and instructions covering the work to be performed as completely and specifically as commercially possible, with sufficient details to enable a bidder to fully understand what he is expected to figure and bid upon.

Seventh—That if a buyer cannot or will not provide complete detailed plans and specifications for the work, but wants estimates, measurements, figures or advice of a professional nature then he, the buyer, shall consider such work in the light of a *professional service*, and it shall not be considered proper, fair or just to ask for *competitive price bids*, but that the charges for *such professional service* shall be left solely and strictly for adjustment between the buyer and seller either before or after the work is done. Approximate estimates shall not be considered binding upon either party involved.

That under no circumstances shall the amount of a competitive bid be altered or the intent of the bid be changed so as to equivalently alter the amount, *after the bid has been submitted and before the contract has been let.*

That no reductions or additions shall be made in bids for the purpose of meeting lower bids or because of proposed changes in plans and specifications. That under such proposals by the buyer, either new bids based upon new plans and specifications shall be asked and paid for—or—the contract shall be let and mutually satisfactory arrangements then made between the buyer and seller. *That what is now known as "shopping" or "peddling" bids shall be discountenanced by both buyer and seller.*

Such a system would place the expense of estimating where it belongs, i. e., as an expense against the job for which it is incurred. It would place the owner or architect under obligation to no one. He could, with fairness to all, let the contract to whom-ever he chose. The contractor could thus eliminate much more of the "gamble" in bidding, which would in turn benefit the material dealer and manufacturer, the bonding company and the banker. The fact that owners and architects could choose their contractors as they saw fit without obligating themselves to choose the lowest bidder should not operate to increase graft or unfair discrimination. Crooked building committees or architects are the exception and very far from the rule, and there would not be any occasion for private owners to select contractors except on merit. Let the best man win, *everything* considered, not price only. At any rate the possibilities for graft under such a system are not as great a menace to contracts as the evils of present day competition and wasteful estimating.

The "Nelson Form for Choosing Bidders and Awarding Contracts" should not be construed as

conflicting with the "Quantity System" or "Unit Systems." The Nelson Form should be equally as just and fair if used in connection with the "Quantity System" as without.

The only way in which the "Quantity System" could affect the Nelson Form would be to reduce the bidder's compensation, because some of his work and service would be absorbed by the "Surveyor," and, of course, if the Quantities are guaranteed by the surveyor, it would more materially reduce the bidder's compensation, if not eliminate it.

Many of the best, most successful, and responsible contractors are opposed to "Quantity Systems" and "Unit Systems" for the reason that their universal and complete use would place the sale of building material in the hands of manufacturers and jobbers and take it out of the contractor's hands altogether: and therefore the contractor under such conditions would be reduced to a contractor of labor only, if indeed he could exist at all. And when it is understood that the handling of labor is generally fraught with more trouble and less profit than anything else in the contracting business, it can be readily understood why many of the good contractors say, that when that time comes, they will use their investments and ability in some other business bringing a more adequate return.

Many architects are opposed to the "Quantity System" in this country at this time, because they think its use would delay the preparation of plans and specifications. They say that the American builder is inclined to wait until the very last minute before deciding to build; that he will plan and figure upon erecting his building for two years, then go to the architect and expect to move into the building the next week.

The architect rarely has half enough time to do his work and to do it as well as he wants to.

They say that if a Quantity Survey were to be made of each set of building plans and specifications, it must be nearly correct in every detail, and that the quantity estimator would require as much time as the architect to do his work right, and that altogether the time consumed between getting the commission for the architectural work and letting contracts would be two or three times as much time as the architect can get from his client.

And again it is contended that "Quantity Estimating" is essentially a new profession and that it will be necessary to train men especially for that work; that while it may be possible to have the work done in the next few years in metropolitan cities, it will be many years before it can be accomplished in more sparsely populated centers.

The writer feels that from an ideal standpoint,

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"Quantity Survey" is something to look forward to with earnest eagerness, and is progressive enough to feel that there is great hope.

However it will take time to bring it into practice, and when we have educated the public to appreciate that in the majority of times they get just what they pay for, and when we have converted the impulsive, impetuous, careless, "plan-nothing-ahead" present-day American builder into a safe, conservative "plan-everything-ahead" builder, then we will have the more efficient, safe and sane method—"Quantity System" and the Quantity Estimator will be here. Then, perhaps, the present-day American contracting gambler's successor will be the conservative quantity engineer. And that is all the subject really amounts to. Reduce the gamble and do more engineering. For "Quantity Estimating" is a professional engineering service.

In the meantime, during this generation, why not do everything we can to protect ourselves and the deserving present-day contractor from the unscrupulous ones, by adopting a just method of competing which will not interfere with a higher and better class of engineering, such as the "Quantity System" will give.

I am also frequently asked the question, "How are you going to prevent contractors from evading the practice if it is established?" By educating the contractor to better business methods and by educating the architects and owners for their own good to refuse to consider contractors whose business

methods are not correct. Those who can't be educated can do no good anyway. How could you prevent a man from giving his clothes away if he were foolish enough to do it? But when consumers and their representatives learn that they are really paying less for competition and getting a better class of competition one way than another, they will soon adopt the former. It was a long time before the "one price to all" idea was adopted in selling merchandise. It came all at once and is now in almost universal use. Some merchants still dicker, but the better ones do not. Some contractors may bid without charging, but the better ones will not, when they understand the advantages of this plan to them. Some contractors would also like to see their competitors charge for bidding so that they themselves can offer to bid and figure free of charge. But such men harm themselves mostly. At least they or their practices are not the ones we should follow.

I believe the only solution of the problem is to have a national association of some kind, which is not organized for personal profit, take hold of it. They could inaugurate a system whereby the local organizations could, through their secretaries, put the system in force and collect compensation. The national organization in this way could collect from each local organization a small percentage of the compensation and I believe thereby build up a very strong national organization financially and in that way could keep the contractors together.

A New Method of Contract Letting Based on Fairness To Both Owner and Contractor

By J. A. L. WADDELL, Consulting Engineer

IS it not obvious that anyone who lets a contract on the "cost-plus" basis places himself absolutely at the mercy of the contractor and the contractor's employees? It is true that the specifications often contain restrictions which tend to lessen the contractor's power to take advantage of the client; but their enforcement would be very troublesome, and would generally involve litigation with its attendant delay and expense.

Even if the contractor has every possible desire to expedite the work in the interest of the client, he cannot prevent his men from taking life easily and "soldiering" on the job. When they feel that their indolence or negligence will cost "the boss" nothing, but, on the contrary, will probably add to his profits, they cannot be induced to labor with

the same amount of energy which they would employ if they knew that upon their efforts depends his success or failure.

Most people will acknowledge that the percentage of truly conscientious contractors is not as large as one hundred, * * but how much smaller is that of truly conscientious workmen! I do not deny that there are workmen who always give a *quid pro quo* and who are upright and honorable in all their dealings; but, alas! they are sadly in the minority. Their number is so small that they are unable to induce their co-laborers to exert themselves any more than they are compelled to, unless, perchance, they are paid by the job instead of by the day or hour.

By the way, when it is practicable, such a scheme

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of paying the workmen is an improvement on that of time compensation, because it provides a great incentive to effort; but, at the same time, it also serves as a strong temptation to scamp the work. With close supervision, however, and a strict enforcement of the clause in the specifications relating to the taking out and replacing of defectively built work, the employees soon learn, through the fines and penalties enforced by the contractor, that scamping does not pay, and that the old adage of honesty being the best policy is just as applicable now as it was when first enunciated.

So much from the client's point of view, and now let us discuss the question from that of the contractor. In the days of hard times when contractors are willing to take work at low figures, and even below cost, in order to keep their force together, the public in general, especially as represented by companies and municipalities, are prone to take advantage of them by insisting that work be let by the lump sum, and by throwing upon the unfortunate "successful bidder" not only the risk of loss from rising prices of materials and labor and from unforeseen contingencies but also, in many cases, from excess of quantities above those given in the specifications. This is accomplished by inserting in the latter a most unjust clause compelling each bidder to verify for himself both the quantities stated and the character of the conditions described. The bidders, hungry for work, accept this clause without comment, but with the mental reservation that, in case of hard luck, they will, by some means or other, obtain extra compensation, even if they have to carry the controversy into the courts.

In nineteen cases out of twenty it is unjust to bidders to ask them to name a lump-sum compensation for doing work, unless provision be made for a variation in the quantities of materials upon which they tender. If provision be arranged for such variation, the method of letting is no longer that of the "lump sum," but reduces to a modification of that of "unit prices."

The latter method is certainly the more logical, and yet it is far from being entirely fair to the contractor; because, while it provides against loss through excess in quantities of materials, it leaves him open to the possibility of still greater loss through changing prices, onerous unanticipated conditions, and disastrous happenings beyond his control.

The client is the proper party to assume the principal risks inherent to the work, provided that the adverse happenings be really unavoidable by the contractor, and that the latter take every reasonable precaution against disaster or loss.

From the preceding it is evident that the "cost-

plus," the "lump-sum," and the "unit-price" methods of letting contracts are not only faulty but also unjust to one or other of the two parties to the agreement; consequently, the question arises—"is there not some method which will be just and fair to both?" That question, I claim, can truly be answered in the affirmative; and I shall now proceed to explain such a method in complete detail.

Let the specifications, which should invariably be drafted by an architect or engineer who is acknowledged to be an expert in the class of work covered in the proposed contract, be complete and thorough in every detail, recording all that is known concerning the governing conditions; pointing out all features concerning which there is any uncertainty; *tabulating as accurately as possible the estimated quantities of all the materials that will probably enter the construction*; providing a justly-drawn clause for unclassified work and the payment therefor; calling for each bidder to name a lump sum so much above his estimate of total cost that there is practically no danger of the actual cost exceeding it, which sum (after modification as hereinafter indicated) shall be the greatest that the client can be called upon to pay for the completed work; naming such properly-balanced unit prices for all the materials that, when they are applied to the quantities thereof given in the specifications, the sum of the several ensuing estimates of cost shall exactly equal the limit of cost set in the contract, which unit prices are to be adopted when computing the final payment for the entire work; providing a surety-company bond for the faithful performance of the work and guaranteeing the client against having to pay more than the limiting sum agreed upon (as finally modified); and adopting the following method of profit sharing between the contractor and the client.

An accurate estimate of cost of every detail of the work from start to finish is to be kept by the contractor and verified by an accountant in the employ of the client, so that the total profit on the job may be ascertained by deducting this total cost from the maximum figure named in the contractor's tender and afterwards embodied in the contract (modified, however, as hereinafter described). This profit is to be shared between the contractor and the client as indicated in the profit diagram. It should be clearly understood that every direct and indirect expense to which the contractor is put in doing the work, after the contract is signed, is to be included in the cost—all overhead expenses of every kind, plant deterioration, traveling expenses, supervision, and salaries, excepting only that the contractor himself is not entitled to any salary. In the case

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of a firm being the contractor, the head of that firm should receive no salary; but if any of the juniors devote their time exclusively to the job, it would be legitimate to allow them reasonable salaries, equivalent to what would have to be paid to regular assistants. All such matters, however, should be stipulated in the contract.

In order to determine, after the entire job is finished, the amount due the contractor, the actual quantities of materials recorded are to be multiplied by the unit prices named in the contract and to the sum of these is to be added the value of all unclassified work (usually denominated "extras"); then from the sum is to be subtracted the lump sum named by the bidder and incorporated in the contract. The ratio which this difference (either a positive or a negative quantity) bears to the said lump sum named by the contractor in bidding is to be figured and adopted in the employment of the diagram of "corrective ratios," page 437, for the said difference.

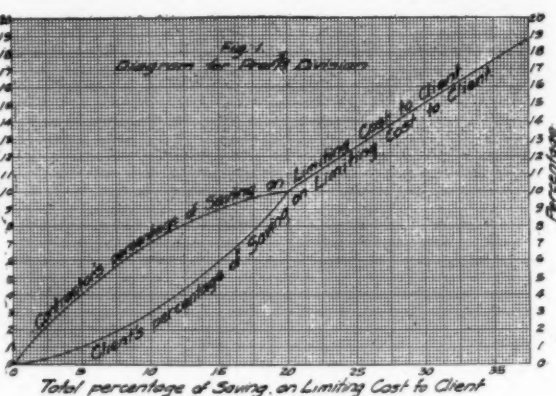
There are two reasons for applying this corrective ratio. *First*: in the case where the actual quantities of materials exceed the estimated ones of the specifications, it would be hardly fair to the client to apply to the excess those unit prices which produce his tentative limiting expenditure. *Second*: in the case where the actual quantities of materials are less than the estimated ones, it would be unjust to the contractor to use the high unit prices on the diminution quantities, not only because of the great difference between these and the unit actual costs, but also for the reason that the total overhead charges would be about the same for the estimated total quantities as for the diminished amounts.

In the corrective-ratio diagram it will be noticed that, after the ratio of value difference (due to increase or diminution of quantities of materials) reaches 0.2, the "corrective ratio" remains constant at 0.8, which corresponds approximately to actual cost conditions. The object of this is to provide that the contractor shall not be too much benefited by an abnormal increase in quantities, nor, on the other hand, shall he obtain too much advantage because of an abnormal diminution thereof.

To utilize the corrective-ratio diagram, look on the line of abscissae for the ratio of cost-difference, pass vertically upward to the curve (or right line, as the case may be), then horizontally to the extreme left vertical, which will indicate the corrective ratio required. Next multiply the previously computed difference by this corrective ratio and add the result to or subtract it from the limit stipulated in the contract. The result will be the corrected limit, from which must be subtracted the total cost

so as to determine the amount of profit to be divided between the contractor and the client, as per the profit diagram.

In order to show the *modus operandi* of this method of profit-sharing, let us assume the following case, in which the estimated quantities are exceeded.



Lump sum limit tendered.....\$1,700,000
Value of total work done per unit-price list and clause re. unclassified work\$1,855,000
Total cost of work.....\$1,575,500
Difference = \$1,855,000 — \$1,700,000 = \$155,000.
Ratio of Difference = \$155,000 ÷ \$1,700,000 = 0.091.

From Fig. 2 we find the "Corrective Ratio" to be 0.833; then the Corrected Difference = \$155,000 × 0.833 = \$129,115.

Corrected Limit = \$1,700,000 + \$129,115 = \$1,829,115.

Profit = \$1,829,115 — \$1,575,500 = \$253,615.
Percentage of total profit = \$253,615 ÷ \$1,575,500 = 16.1.

From Fig. 1, we find the division of this profit to be as follows:

Contractor9.4%
Client6.7%
Total payment to Contractor = 109.4 × \$1,575,500 = \$1,723,597.

Now let us investigate a case in which there is a diminution in the estimated quantities of materials.

Lump-sum limit tendered.....\$1,700,000
Value of total work done per unit-price list and clause re. unclassified work\$1,615,000
Total cost of work.....\$1,310,000
Difference = \$1,700,000 — \$1,615,000 = \$85,000.

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Ratio of Difference = $\$85,000 \div \$1,700,000 = 0.05$.

From Fig. 2 we find the "Corrective Ratio" to be 0.87, then the Corrected Difference = $\$85,000 \times 0.87 = \$73,950$.

Corrected Limit = $\$1,700,000 - \$73,950 = \$1,626,050$.

Profit = $\$1,626,050 - \$1,310,000 = \$316,050$.

Percentage of total profit

= $\$316,050 \div \$1,310,000 = 24.1$.

From Fig. 1, we find the division of profit to be as follows:

Contractor 12.05%

Client 12.05%

Total payment to Contractor

= $1.1205 \times \$1,310,000 = \$1,467,855$.

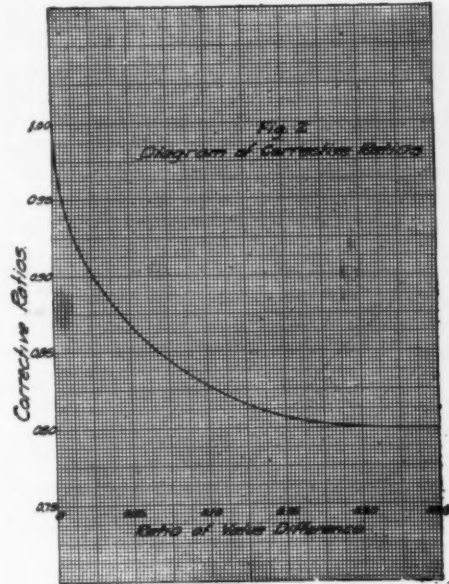
The advantages of this method of contract-letting are as follows: *First:* While it is true that the client at the outset does not know exactly what the work is going to cost him, he is positive that it will *not* cost him more than a certain amount, provided that his engineer's estimates of quantities of materials is about right, as, generally speaking, it certainly ought to be.

Second: The client has the satisfaction of feeling that, even if, in his opinion, the limit bid by the contractor is excessive, and that the profit on the job, in consequence, will be too large, the said profit will be shared between them on a fifty-fifty basis.

Third: All the advantages of competitive bidding are retained by this method of tendering, because all that a bidder has to do is to name a limiting lump-sum with certain unit-prices, and to make sure that the latter, when properly applied to the quantities of materials given in the specifications, will produce a total value equal to the said limiting lump-sum. All bids will be upon exactly the same basis, no modification of the stipulated method of tendering being permitted, hence the selection of the bidder will be governed solely by the lowest lump-sum named, provided, of course, that the one tendering it possesses the necessary experience, capital, plant, and general reputation for doing good and satisfactory work.

Fourth: The contractor, if he was not too keen in bidding, knows that there is almost no chance whatsoever of his losing money on the job, and that the harder and the more intelligently he works the greater will be his profit.

Fifth: The division of total profit given in the profit diagram is eminently equitable, in that, when the amount is small, nearly all of it goes to the contractor, and, as it augments, a continually-increasing proportion of it goes to the client, up to the point where the total profit amounts to 20 per cent, after



which the partition is on a fifty-fifty basis. This point was selected as being the one above which a contract is generally deemed by contractors to be good, slightly below which it is only fair, and much below which it is bad; for it corresponds to a net profit of 10 per cent. That is as small a margin as is generally deemed safe for any bidder to tender upon, and yet it constitutes a satisfactory profit on a finished job. As for limiting the client's share of the profit to one-half—that is reasonable and just, because he would have no moral right to receive more than his partner, the contractor. If the client's share were allowed to increase beyond the point of equal division, it is conceivable that, with a very large prospective total profit, the contractor could save money for himself by making the work more expensive.

Sixth: The contractor will feel during the progress of the construction that the client is a partner on the job, and that, therefore, he and his representative (architect or engineer) will not be likely to be unnecessarily severe in their requirements, also that they will permit the adoption of all legitimate expense-saving expedients, and will not demand too many frills on the finishing.

Seventh: Owing to the justice and equity involved by this method of contract-letting and profit-sharing, all concerned in the execution of the work will labor whole-heartedly and good-naturedly, avoiding petty squabbles and disagreements of all kinds; and the result will be earnest, honest effort, a satisfactory piece of construction, and the general contentment of both parties to the agreement.

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If this proposed method of contract-letting and profit-sharing be received with favor by engineers, architects, contractors and builders in general, it could easily be adopted as a standard for the country by calling a small convention with a single representative from each of the leading technical and railroad societies, contracting organizations, and bankers' associations, to discuss the advisability of adopting it (or else some slight modification of it) and to report the decision of the meeting to the said bodies for their approval. If any large group of clients, such as the railroad companies, were to adopt the method as standard and use it, very soon everybody having construction contracts to let would follow their example, thus making it the universal standard of contract-letting for our country—nor would it be long before other American countries would follow our lead, thus greatly simplifying our business relations with the various American Commonwealths.

The method of contract letting set forth in the preceding article and developed by Dr. Waddell, one of this country's foremost engineers, was first made public in his discussion of Ernest Wilder Clarke's paper, "Contracts—A Comparison of Cost Plus with Other Forms," presented at the September 3rd meeting of the American Society of Civil Engineers. In a letter to the Editor of *Contracting*, accompanying his article Dr. Waddell sets forth his views on the various methods of contract letting as follows:

In accordance with the suggestion you made me over the telephone, I herewith send for publication in your valuable paper my personal views concerning the different methods of contract letting, including an ideal one that I have developed. Perhaps you or some of your readers will deem the said views ultra-drastic; but I am absolutely confident concerning their correctness, for the experience of others, as well as my own, both lately and in times long past, has proved it. Nowadays it is the fashion, or rather the fad, to laud the "cost plus" method of contract letting and to harp on the injustice to the contractor of the "lump sum" basis or even of the old and thoroughly-tried system of "unit prices," but as I have never allowed myself to be governed by what is fashionable, I am going to tell you exactly what I think, regardless of any adverse criticism that may be evoked.

I readily acknowledge that during war times, when the trend of the market for both materials and labor was rapidly upward, no contractor could have afforded to take work either for a lump sum or by unit prices. Unfortunately, in order to bring the war to a successful conclusion, a vast amount of public work had to be done with the utmost despatch, irrespective of what the cost might be; hence the Government had no choice at all in the matter, and, consequently, it let many millions of dollars' worth of contracts at "cost plus a percentage," or "cost plus a lump sum." If the true history of all such contracts were ever written and made public, the nation would stand aghast at the extravagance they involved; and those two methods of contract letting would receive the universal condemnation of all intelligent, disinterested persons.

Engineering Summer Course Closes

A banquet marked the closing of the Annual Summer Course for Engineering Teachers at the East Pittsburgh Works of the Westinghouse Electric & Manufacturing Company. Eleven college professors, representing institutions all the way from New York City to Tokyo, Japan, were in attendance.

The course just completed was of a month's duration and was composed of inspection trips throughout the plant, observation of work, and of lectures and talks by the various experts of the company. A feature introduced at the lectures was the motion picture, to portray the work of modern electricity. Two of the reels of the most interest were "A Romance of the Rails" and "A Trip Through the 59th Street Power House." The "Romance of the Rails" showed the advance in present-day railroad-ing, by electrification of steam roads and the passing of

steam as motive power. The "Trip through the Power House" exhibited the 70,000 K.W. turbine of the Interborough Rapid Transit Company of New York City. This turbine, which was built and installed by the Westinghouse Company, is the most powerful engine in the world.

The professors who were in attendance at the Summer Course, and the institutions they represent, are: M. P. Cleghorn of Iowa State College, W. D. Emerson of the University of Maine, R. S. Howell of the Georgia Institute of Technology, L. J. Hodgins of Maryland State College, J. E. Lear of the University of North Carolina, B. K. Northrop of Cornell University, S. Noda of the Imperial University of Japan, C. W. Piper of Purdue University, J. W. Shuster of the University of Wisconsin, A. F. Puchstein of the Ohio State University, and E. B. Wood of Pratt Institute, Brooklyn, New York City.

Cost Plus Form of Contract Discussed at American Society of Civil Engineers' Meeting

At the regular meeting of the Society, held at the Engineering Building, September 3, 1919, a paper was presented by Ernest Wilder Clarke, entitled "Contracts—A Comparison of 'Cost Plus' With Other Forms."

In general, the paper sets forth the advantages of the cost-plus system, but the author stated in presenting his paper that its purpose was to serve as a basis for discussion of the entire subject of contract forms. The discussion which followed was interesting and instructive, and, with one exception, voiced a condemnation of the cost-plus system. The point was made, however, that none of the forms of contract at present in general use—i. e., the lump sum, the unit price, the cost-plus a percentage or the cost-plus a fixed or sliding fee—is satisfactory or entirely fair to the parties involved.

Among those who discussed the paper were Dr. J. A. L. Waddell, F. H. Frankland, J. Waldo Smith, Edw. F. Hammel and J. P. H. Perry. Mr. Perry, Manager Contracting Dept. Turner Construction Co., spoke in favor of the cost-plus system and submitted figures of unit costs, based on a number of buildings erected during 1917 under both forms of contract. These figures indicated a slightly lower unit cost in favor of the cost-plus system, except in a few items. The unit costs, however, were very close, irrespective of the form of contract. In discussing the paper, Dr. Waddell presented a possible solution of the contract problem by suggesting a modified form of contract incorporating the profit-sharing plan between owner and contractor. This plan, which apparently met with much favor, forms the subject of an article by Dr. Waddell published on another page.

Cleveland Engineering Society Holds Meeting

The opening meeting of the Cleveland Engineering Society and Local Sections of National Societies in Cleveland was held September 9, 1919. A professional session was held in the morning, while the afternoon was devoted to an inspection trip by special train over the rapid transit development. In the evening a dinner was held followed by addresses. Altogether a most instructive and enjoyable time was had by those attending.



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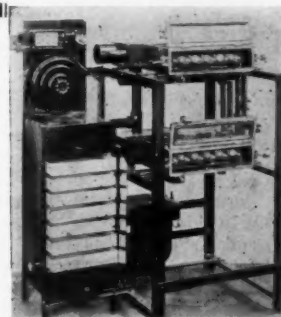
Fifty per cent of all bacteria in water will pass the average filter. The ultra-microscopic varieties are held by no known method. They must be killed and can be killed in many ways, but Ozone alone will consume and oxidize them and their organic products.

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Industrial Information

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

Concrete and its Reinforcement

That manufacturers of long standing may acquire valuable information in the course of their experience has again been demonstrated by the American Steel and Wire Company, with offices in all the large cities. An important contribution to the literature on concrete and its reinforcement has been published in their "Engineers' Handbook." This is a 150-page volume in flexible cloth binding, illustrated with photographs, diagrams and tables. The book sells regularly for two dollars.

The discussion begins at the foundation of the subject,—the economic use and properties of concrete,—and comments at length and in the most practical way on the important facts necessary to be known for the effective use of this material. There is a fund of knowledge to be acquired by a study of this book which architects should not, in this concrete age, be willing to forego.

Woodwork

A volume possessed of unusual suggestiveness is one of the above title, published by Curtis Bros. & Co., Clinton, Ia. It is a book of 375 pages, 7 x 10 inches, and cloth bound.

Every one of the 375 pages bears the illustration of a door, a cabinet, some good moulding, a stair design, or other example of woodwork for the home. Many of these are colored plates, showing the actual aspect of the product. The variety of doors, for instance, is of considerable interest. There are about 75 exterior styles and rather fewer interior styles shown, one to a page. Each is numbered with specific identification marks referring to a catalogue and price list, whereby the matter of ordering is greatly simplified. The book is completely indexed, and it is believed that architects will be repaid for further investigating it. The company, established since 1866, calls the present volume, number 300.

Color in Building

The value of a good "first impression" is discussed in many old saws and is not to be disputed. Perhaps nothing in the higher technicalities of architecture presents the appeal to the layman that the color of a building does. It is the subject of his first reaction and later it is the thing he recognizes from afar.

The architect who, with his client, decides upon a color scheme for a building exterior is but half through the task of securing what is desired. He must specify materials that will, as far as possible, produce lasting results—colors that will not fade, mixtures that will not weaken the structure, processes simple to execute.

In this connection, Samuel H. French & Co., York Ave. and Callowhill St., Philadelphia, may be cited as manufacturers of "Peerless" Mortar Colors. These colors, it is claimed, are manufactured from the best and most permanent pigments, by machinery designed to effect extreme fineness. Their composition insures the greatest

possible coloring power. They mix freely with the mortar and require but little labor to incorporate, thus serving to reduce the cost of labor. The makers further state that these mixtures increase the strength of the mortar, are not known to wash out or fade, but rather deepen in tone with age. And they do not cause magnesia deposits on the joints or bricks.

There are about eight standard colors always in stock, and a hundred special shades to meet other requirements. The company invites an opportunity to match any shade of brick or stone that architects may wish to procure. Directions for use and price list may be had on request.

Bonds for Comfort Stations

The subtended comment appears in the *Valve World*, issued monthly by the Crane Co., 836 South Michigan Ave., Chicago.

One of the Pacific Coast cities that is growing yearly in popularity as a place for conventions, has been authorized by popular vote to bond itself for the building of a sufficient number of comfort stations.

This is an example for others cities, large and small. Comfort stations, as we have observed on several occasions, ought to be as much a part of municipal policy as the building of sewers or water works. They are as essential to the health and comfort of a community as any popular undertaking can be. They are for the use of the inhabitants and visitors and they should be provided for liberally with public funds. If funds are not available, bonds will bring them. But by all odds have the comfort stations, and plenty of them.

Trussit

Trussit, as illustrated and described in a pamphlet issued by the General Fireproofing Co. of Youngstown, Ohio, is a corrugated expanded sheet which forms the base and reinforcement for plaster walls and partitions.

The makers claim that the use of Trussit eliminates entirely the necessity for studding and that walls and partitions when built over these expanded sheets need be but two inches in thickness. Considerable structural strength is claimed for it, due to the uniform distribution of metal which becomes so interwoven back and forth with the cement or plaster that it is an integral part of the wall. It is also stated that Trussit lends itself readily to the various forms of construction to which it may be applied, by the simplicity of its method of erection and the ease with which it may be plastered.

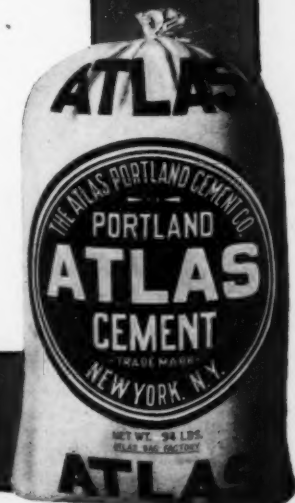
Plaster specifications are also given in the pamphlet referred to, and throughout its pages will be found detailed data showing how to use this material under almost every standard building condition that may be encountered.

The General Fireproofing Co. desires to bring this material more intimately to the acquaintance of architects and will forward its illustrated literature describing Trussit upon request.



*Grand Foyer, Orpheum Theatre, Boston, Mass. Owner: Marcus Loew.
Architect: Thos. W. Lamb, New York City.
Contractor: Fleischman Construction Co., New York City.*

REINFORCED concrete is especially suited to the construction of the long arches and wide spans required in modern moving-picture theatre design.



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Late Quotations in Building Material Markets

(Price quotations now current on building materials and supplies as quoted by dealers and jobbers for delivery in New York and Chicago follow. The quotations set forth are placed before readers of THE AMERICAN ARCHITECT to afford an accurate review of market conditions rather than for use as a basis for actual purchase. They will not only provide knowledge of the exact state of the market as to items quoted, but will also present a basis to judge conditions as affecting correlating materials. Items marked (*) indicate an advance over last week, while those marked (†) record a decline. Other prices did not fluctuate during the week.)

BRICK		New York	Chicago
Face brick (delivered on job):			
Common (delivered at job in Borough of Manhattan only), per thousand.....	\$17.85	\$12.00	
Rough red	37.00	40.00	
Smooth red	38.00	40.00	
Rough buff	42.00	40.00	
Smooth buff	42.00	40.00	
Rough gray	45.00	42.00	
Smooth gray	47.00	42.00	
Colonials	26.00	30.00	

BROKEN STONE		New York	Chicago
(Delivered on job):			
1½ in. per cu. yd.....	\$2.75	\$2.50	
¾ in. per cu. yd.....	2.75	2.50	

BUILDING PAPER		New York	Chicago
Ros'n sized sheathing, 500 sq. ft. rolls, 36 in. wide:			
25 lbs. to roll.....	\$0.85	\$0.88*	
30 lbs. to roll.....	1.00	1.05*	
40 lbs. to roll.....	1.35	1.40*	
Deadening felt, 50 sq. yd. rolls, 36 in. wide:			
Per ton	85.00	105.00*	

BUILDING STONE		New York	Chicago
Indiana limestone, per cu. ft.....	\$1.23	.83	
Kentucky limestone, per cu. ft.....	1.35		
Brier Hill sandstone, per cu. ft.....	1.50		
Gray Canyon sandstone, per cu. ft.....	1.50		
Buff Wakenan, per cu. ft.....	1.50		
Buff Mountain, per cu. ft.....	1.50		
North River bluestone, per cu. ft.....	1.05		
Seam-face granite, per sq. ft.....	1.00		
South Dover marble (promiscuous mill block), per cu. ft.....	2.25		
White Vermont marble (sawed), New York, per cu. ft.....	3.00		

BURNED CLAY		New York	Chicago
(Delivered on job)			
Block partition:			
3 in., per sq. ft.....	.13	.10	
4 in., per sq. ft.....	.15	.11	
Chimney tops:			
12 x 12 for 8 x 8 flues.....	\$3.50	\$2.25	
Flue lining:			
4½ ft. x 13 ft., per lin. ft.....	.24	.12	
4½ x 8½, per lin. ft.....	.18	.16	
8½ x 8½, per ft.....	.24	.16	
8½ x 13, per ft.....	.35	.20	
13 x 13, per ft.....	.60	.45	
8½ x 18, per ft.....	.60	.50	
13 x 18, per ft.....	.95	.75	
18 x 18, per ft.....	1.25	.85	
Wall coping (double slant):			
8 in., per lin. ft.....	.18	.14	
12 in., per ft.....	.33	.26	
18 in., per ft.....	.54	.30	
Wall coping (single slant):			
8 in., per lin. ft.....	.16	.14	
12 in., per ft.....	.26½	.30	
18 in., per ft.....	.54	.30	
(Corners and angles four times the price of one foot of coping the same size.)			

Hollow Tile		New York	Chicago
(Delivered at job, in New York below 72nd St.)			
2 x 8 x 12 partitions, per 1,000 sq. ft.....	\$70.15		
3 x 12 x 12 partitions, per 1,000 sq. ft.....	102.00	\$67.90	
4 x 12 x 12 partitions, per 1,000 sq. ft.....	114.75	72.50	
6 x 12 x 12 partitions, per 1,000 sq. ft.....	153.00	99.60	
8 x 12 x 12 partitions, per 1,000 sq. ft.....		135.80	
10 x 12 x 12 partitions, per 1,000 sq. ft.....		167.50	
12 x 12 x 12 partitions, per 1,000 sq. ft.....		194.60	
2 x 12 x 12 split furring, per 1,000 sq. ft.....	63.75	45.30	

CHIMNEY TOPS		New York	Chicago
Revolving	.40%	.40%	

CEMENT		New York	Chicago
Per bbl. in 15 cent bags (Rebate 60c. per bbl. for bags in New York), 15 cent bags in Chicago (Rebate 60c. per bbl.).....			
	\$3.25	\$3.00	

CONDUCTOR PIPE		New York	Chicago
Galvanized steel	5 & 10 & 5%		
Galvanized charcoal iron.....	44½%		
Copper	40%		
Elbows (all sizes to 6-in.)			
Galvanized steel	70%	70%	
Squares	60%	60%	
Copper	30%	30%	

COPPER SHEETS		New York	Chicago
At the mill, hot rolled, 16 oz. base-price, per lb.....			
	33½c.	33½c.	
(From jobber's warehouse add 2 to 3 cents.)			
Cold rolled per lb.....	35c.†	36c.	

From stock in 100 lb. lots and over.....	35½c. to 37½c.	New York	Chicago
For less than 100 lb. lots 2c. per lb. advance.			
Polished, 20 in. wide and under, 1c. per sq. ft. extra; over 20 in. wide, 2c. per sq. ft. extra. Planished, 1c. per sq. ft. more than polished.			
Bottom, pits and flats, 1 oz. and heavier, per lb.....	.44c.	.44c.	
Tinning one side, per sq. ft.....	.06c.	.06c.	

CORNER BEAD		New York	Chicago
Per foot	.07	.05	

EAVES TROUGH		New York	Chicago
(Discounts from list):			
Galvanized steel	60 & 10%	60 & 10%	
Galvanized charcoal iron.....	55½%	55½%	
Copper	40%	40%	
(Also note Conductor Pipe).			

FIBRE		New York	Chicago
Per bushel	.36	.30	

FINISHED IRON AND STEEL		New York	Chicago
(Mill Shipments)			
Bar iron, refined grade.....	2.77c.	2.62c.	
Bar iron, double refined.....	2.77c.		
Soft steel bars.....	2.62c.	2.62c.	
Shapes	2.72c.		
Plates	2.77c.†	2.65c.	

GALVANIZED SHEETS		New York	Chicago
Nos. 12 and 14 gauge, per lb.....	6.35c.	6.20c.	
No. 16	6.50c.	6.30c.	
Nos. 18 and 20	6.65c.	6.62c.	
Nos. 22 and 24	6.80c.	6.75c.	
No. 26	6.95c.	6.92c.	
No. 27	7.20c.*	7.07c.	
No. 28	7.25c.	7.23c.	
No. 30	7.75c.	7.60c.	
(No. 28 and lighter, 36 in. wide, 20c. higher.)			
Corrugated Roofing, Galvanized:			
2½ in. corrugations, per 100 lbs., over flat sheets.....	10.00c.		

GLASS		New York	Chicago
(Discounts from manufacturers' price lists)			
Single strength, A quality, first three brackets.....	77%	77%	
Single strength, B quality.....	77%	77%	
Double strength, A quality.....	79%	79%	
Double strength, B quality.....	81%	81%	
Plate—up to 5 sq. ft.....	82%	80%	
Plate—over 5 sq. ft.....	84%	80%	
Plate—up to 10 sq. ft.....	80%	80%	
Plate—over 10 sq. ft.....	80%	80%	
Polished plate glass (commercial run of thickness and quality) sizes to 5 sq. ft., inclusive.....	80%		
Sizes over 5 sq. ft.....	82%		

GRAVEL		New York	Chicago
1½ in. (Borough of Manhattan only), per cu. yd.....	\$3.25	\$2.50	
¾ in. (Borough of Manhattan), per cu. yd.....	3.50	2.50	

GRIT		New York	Chicago
Delivered at job in Borough of Manhattan.....	\$2.25	\$2.00	
Delivered in the Bronx.....	2.50	2.25	

GYPSUM		New York	Chicago
Plaster Board:			
Delivered at job, Boroughs of Manhattan and Bronx.			
27 x 28 x ½.....	37c.		
27 x 48 x ½.....	34c.		
32 x 36 x ¾.....	22c.	20c.	
32 x 36 x ¾.....	22c.	21½c.	
32 x 36 x ½.....	24½c.		

Plaster Blocks:		New York	Chicago
Delivered at job, Boroughs of Manhattan and Bronx.			
2 in. solid, 12 x 30, per sq. ft.....	11c.	10c.	
3 in. hollow, 12 x 30, per sq. ft.....	11c.	10c.	
4 in. hollow, 12 x 30, per sq. ft.....	12½c.	11c.	
6 in. hollow, 12 x 30, per sq. ft.....	18c.	13c.	

LATH		New York	Chicago
Eastern spruce, per thousand.....	\$8.50		
No. 1 white pine, per thousand.....	8.25	\$8.00	
No. 1 hemlock, per thousand.....	7.50	7.00	
No. 1 yellow pine, per thousand.....	8.25	6.00	

LEAD		New York	Chicago
American pig, per lb.....	7 to 7½c.*	6½ to 6½c.	
Bar, per lb.....	9 to 10c.*	6½ to 6½c.	

LIME		New York	Chicago
Common, 200 lb. bbls., per bbl.....	\$2.50	\$1.50	
Finishing, 300 lb. bbls., per bbl.....	3.70		
Hydrated, in paper bags, per ton.....	18.50	17.50	
Hydrated, in cloth bags, per ton (Rebate per bag 10c.).....	22.60	24.00	

LUMBER		New York	Chicago
(Retail prices per M. delivered.)			
Yellow pine, 2 x 4.....	\$70.00	\$55.00	
Yellow pine, 2 x 6.....	70.00	55.00	
Yellow pine, 4 x 4.....	75.00	56.00	
Yellow pine, 8 x 8.....	72.00	56.00	
Yellow pine, 12 x 12.....	83.00	65.00	
Yellow pine, No. 1 boards, 1 x 6.....	100.00	70.00	
Yellow pine, No. 1 boards, 1 x 12.....	110.00	75.00	
Yellow pine, B and better flooring (plain).....	105.00*	90.00	
Yellow pine, B and better flooring (quarterd.).....	130.00*	110.00	
North Carolina pine, flat flooring, No. 2 and better.....	110.00*	85.00	
North Carolina pine, flat flooring, No. 3.....	98.00*	75.00	
North Carolina pine, rift flooring.....	135.00*	110.00	
Norway pine, 2 x 4.....	72.00	65.00*	
Norway pine, 2 x 12.....	85.00	76.00*	
Douglas fir, 6 x 6 to 12 x 12.....	75.00	67.50	
Douglas fir, 12 x 12 to 14 x 14.....	85.00	78.00	
Hemlock, 2 x 4.....	63.00	55.00	
Hemlock, 2 x 12.....	65.00	58.00	
Oak, quartered, 1 in., F. A. S.....	250.00	235.00	

(Continued on page 438-B)

KELLASTONE

IMPERISHABLE STUCCO



DISTINCTIVENESS IN ARCHITECTURE

It is an aim that is all too seldom attained. The architect's problem in the majority of cases is to make artistic ideas conform to the builder's limitations as to cost. He often finds it a difficult one to solve.

In these days of high prices of building materials it is more than ever essential that building construction combine economy and durability with artistic beauty. The real fulfillmer of building ideals in all these respects will be found in

KELLASTONE

IMPERISHABLE STUCCO

From a standpoint of both cost and distinctiveness KELLASTONE qualifies for every type of building. While maintaining its pre-eminent quality as the original, all-mineral magnesite stucco, its cost has risen less than 12% since 1913.

The artistic possibilities with KELLASTONE are unlimited. It bonds perfectly with any surfaces over which applied; will not crack, chip or crumble like ordinary stuccoes. Fire and water proof; a perfect insulator against heat and cold.

KELLASTONE instantly appeals to all classes of builders. Send for our booklet—"The Story of KELLASTONE."

NATIONAL KELLASTONE COMPANY

1318 MALLERS BUILDING, CHICAGO

THE AMERICAN ARCHITECT

Building Material Market Reports

(Continued from page 438-1)

	New York	Chicago
Oak, plain, 1 in., F. A. S.	\$175.00	\$160.00
Oak flooring, 13/16, quartered (white)	275.00	238.00
Oak flooring, 13/16, quartered (red)	275.00	225.00
Oak flooring, 13/16, plain (white)	200.00	175.00
Oak flooring, 13 x 16, plain (red)	207.50*	178.00
Maple, 1 in., F. A. S.	100.00	95.00
Maple flooring, 13/16, clear	150.00	140.00
Maple flooring, 13/16, select	140.00	135.00
Maple flooring, 13/16, No. 1 factory	110.00	100.00*
Hasswood, 1 in., F. A. S.	120.00	100.00
Maple, 1 in., F. A. S.	320.00	315.00
Sap gum, 1 in., F. A. S.	87.50*	75.00
Red gum, 1 in., F. A. S.	125.00	115.00
Chestnut, 1 in., F. A. S.	110.00	105.00
Poplar, 1 in., F. A. S.	150.00	130.00
Birch, 1 in., F. A. S.	125.00*	87.00*
Spruce, random, 2 in.	70.00	65.00
Spruce, wide, 8 in.	75.00	70.00
Spruce, 10 in.	75.00	70.00
Spruce, 12 in.	80.00*	70.00
Cypress, 1 in., F. A. S.	105.00	90.00

METAL LATH

Under 100 sq. yd., per sq. yd.	40c.	35c.
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MORTAR COLORS

Red, per lb.	.05	.05
Brown, per lb.	.05	.05
Buff, per lb.	.05	.05
Chocolate, per lb.	.05	.05
Black, per lb.	.06	.05
Pompeian buff, per lb.	.07	.07
Moss green, per lb.	.07	.07
Colonial drab, per lb.	.07	.07
French gray, per lb.	.07	.07
Royal purple, per lb.	.07	.07
Yellow, per lb.	.07	.07

(These prices are for mortar colors in bbls. or kegs of more than 200 lbs. each. In kegs of less than 200 lbs. each add 1c. per lb. In 25 lb. cans add 2c. and 12 1/2 lb. cans add 2 1/2c. per lb.)

WIRE NAILS

Wire nails and brass, miscellaneous	75%	75%
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OILS

Linseed, city, raw	\$2.15†	\$2.47†
Linseed, boiled, advance, per gal.	.01	.02
Out of town, American seed, at	2.15†	2.47†

PAINTS

Lead:		
American white, in oil, kegs; lots over 100 lbs.	13c.	13c.
White, in oil, 25-lb. tin pails; add to keg price	14c.	14c.
Red, bbl., 1/2 bbl. and kegs; lots over 100 lbs.	13c.	14 1/2c.*

Dry Colors:

Red Venetian, American, per 100 lbs.	\$2.00 to \$4.50	\$2.00 to \$4.00
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Metallic Paints:		
Brown, per ton	\$32.00 to \$36.00	\$32.00 to \$36.00*
Red, per ton	35.00 to 40.00	35.00 to 40.00*

PIPE

Cast Iron:		
6 in. and heavier	\$54.30	\$53.80
4 in.	57.30	56.30
3 in.	62.30	68.80

(and \$2.00* additional for Class A and gas pipe.)
(Discounts to jobbers for carload lots on the Pittsburgh basing card; freight rates from Pittsburgh to New York, and also from Pittsburgh to Chicago, in carloads, per 100 lbs., are 27c. An additional 5 per cent discount is allowed to large jobbing interests over those listed below.)

Wrought:	F.O.B. Pittsburgh	F.O.B. Chicago
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Steel:		
Black, 3/4 to 3 in.	50 1/2% to 57 1/2%	42.6 to 49.6%
Galv., 3/4 to 3 in.	24 to 44 %	14.6 to 34.6%

Iron:		
Black, 3/4 to 1 1/2 in.	29 1/2% to 34 1/2%	19.6 to 29.6%
Galv., 3/4 to 1 1/2 in.	2 1/2 to 23 1/2 %	9.4 to 11.6%

Steel:		
Black, 2 1/2 to 6 in.	53 1/2%	45.6%
Galv., 2 1/2 to 6 in.	41 %	31.6%

Iron:		
Black, 2 1/2 to 6 in.	34 1/2%	24.6%
Galv., 2 1/2 to 6 in.	21 1/2 %	9.6%

Steel:		
Black, 3/4 to 3 in.	46 1/2% to 56 1/2%	33 to 43 %
Galv., 3/4 to 3 in.	29 to 44 %	10.6 to 18 %

Iron:		
Black, 3/4 to 1 1/2 in.	28 1/2% to 39 1/2%	
Galv., 3/4 to 1 1/2 in.	11 1/2% to 24 1/2%	

Steel:		
Black, 2 to 6 in.	48 1/2% to 50 1/2%	35 to 37%
Galv., 2 to 6 in.	37 to 39 %	10 to 12%

Iron:		
Black, 1 1/4 to 6 in.	25 1/2% to 34 1/2%	
Galv., 1 1/4 to 6 in.	10 1/2% to 22 1/2%	

PIPE-VITRIFIED SEWER

(Standard pipe and fittings, F.O.B., carload.)

	New York	Chicago
3 to 24 in.	67 1/2%	67%
27 to 30 in.	66 1/2%	66%

PLASTER

Rebate for bags 15c.		
Neat wall cement in 15 cent bags, per ton	\$21.30	\$19.00
Finishing plaster	24.00	19.00
Lath mortar, in cloth bags, per ton	15.05	12.50
Brown mortar, in bags	15.05	14.00
Finishing plaster, per bbl. (250 lbs.)	3.50	3.00
Finishing plaster, per bbl. (320 lb. bbl.)	4.35	

PUTTY

	New York	Chicago
In bladders, per 100 lb.	\$6.25	\$4.25
In 1-lb. tins, per 100 lb.	6.75	6.75*
In 5-lb. tins, per 100 lb.	8.25*	8.25*

RADIATION

New York reports a 45% discount on standard heights.
Chicago reports a 55% discount on standard heights.

REGISTERS

Cast iron semi-steel or steel, in black or white japan or electro plate and small faces and borders	30%	30%
Wall frames	30%	30%
Large faced, 14 x 14 in. and larger	50%	50%
Base board registers	30%	30%
Base board intakes	30%	30%
White enameled goods	5%	5%
Solid brass or bronze goods, except grilles	net	net
Grilles in black and white japan or electroplate in cast iron, plain lattice design—smaller than 14 x 14 in.	30%	30%
—Larger than 14 x 14 in.	50%	50%

REINFORCING BARS

High carbon steel from mill	\$48.50	\$49.50
Medium steel from mill	48.50	49.50

ROOFING MATERIAL

Tarred Felt Paper:		
No. 1—25 lbs. to 100 sq. ft., per ton	\$62.00	\$75.00
No. 2—16 lbs. to 100 sq. ft., per ton	63.00	75.00
No. 3—12 lbs. to 100 sq. ft., per ton	64.00	75.00
Rosin sized sheathing, per ton	65.00*	70.00*
Corrugated roofing, galvanized, 2 1/2 in. corrugation, over flat sheets, 30c. per 100 sq. ft.		

Rubber, 108 sq. ft. rolls, 32 in. w.de. per roll:

First Quality:		
1 ply—35 lb. rolls	\$1.90	\$2.00*
2 ply—45 lb. rolls	2.30	2.40*
3 ply—55 lb. rolls	2.85	2.80*
Second Quality:		
1 ply—35 lb. rolls	1.45	1.60*
2 ply—45 lb. rolls	1.75	1.90*
3 ply—55 lb. rolls	2.20	2.20*

ROSIN

Common to good, strained (wholesale), 80 lb., per gal.	\$17.25	
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SAND

Mason, per cu. yd.	\$1.80	\$2.50
Torpedo, per cu. yd.	1.80	2.50
White sand, per cu. yd.	4.00	

SHINGLES

Red cedar, 6 to 2, clear, per thousand	\$10.00*	\$6.50*
Red cedar, 5 to 2, clear, per thousand	12.00*	7.50*
White cedar, extra star, A star, per thousand	11.00	7.00
Cypress, 6 x 18, No. 1 hearts per M.	17.00	14.00
Cypress, 6 x 18, No. 1 prime per M.	15.00	12.00

SLATE ROOFING

	F.O.B. cars, Quarry Station	F.O.B. Chicago
Pennsylvania:		
Best Bangor	\$7.75 to \$9.00	\$10.20 to \$11.45
No. 1 Bangor Ribbon	6.75 to 7.00	9.20 to 9.70
Pen. 6 syl.	6.50 to 7.25	9.70 to 10.45
Peach Bottom	10.50 to 12.50	12.45 to 14.45
No. 1 Chapman	6.25 to 7.25	8.70 to 9.95
Vermont:		
No. 1 Sea Green	4.25 to 6.75	5.95 to 9.00
Unfading Green	9.00 to 10.50	9.40 to 12.50
Mottled Green Purple	9.00 to 10.50	
Red	12.00 to 20.00	14.80 to 22.80
Maine:		
Brownsville, U'fg Black, No. 1	12.00	14.10 to 15.10
Slates felt, 30 lb. roll	.92	
Slates felt, 40 lb. roll	1.22	

SPIRITS TURPENTINE

	New York	Chicago
Per gal. in machine bbl.	\$1.73†	\$1.73†

STONE SCREENINGS

Lime, per cu. yd.	\$2.35	\$2.50
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STRUCTURAL STEEL

Beams and channel, 3 to 15 in., per lb.	2.72c.	3.47c.
Beams and channel, over 15 in., per lb.	2.72c.	3.57c.
Angles, 3 to 6 in.	2.72c.*	3.47c.
Zees	2.72c.	3.47c.
Tees	2.77c.	3.52c.
Steel bars, half extras, from mill	2.35c.	3.37c.

STUCCO

In cloth, per ton (white, mixed)	\$22.50	\$19.50
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STUCCO BOARD

Medium weight stucco board, plain, per M sq. ft.	\$42.50	\$45.00
Medium weight stucco board, creosoted, per M sq. ft.	50.00	50.00
Heavy weight stucco board, plain, per M sq. ft.	55.00	55.00
Heavy weight stucco board, creosoted, per M sq. ft.	60.00	60.00
Medium weight stucco board, plain, narrow key, per M sq. ft.	50.00	50.00
Medium weight stucco board, narrow key, creosoted, per M sq. ft.	55.00	55.00
Insulating board, heavy felt background, per M sq. ft.	50.00	50.00

SHEATHING BOARD

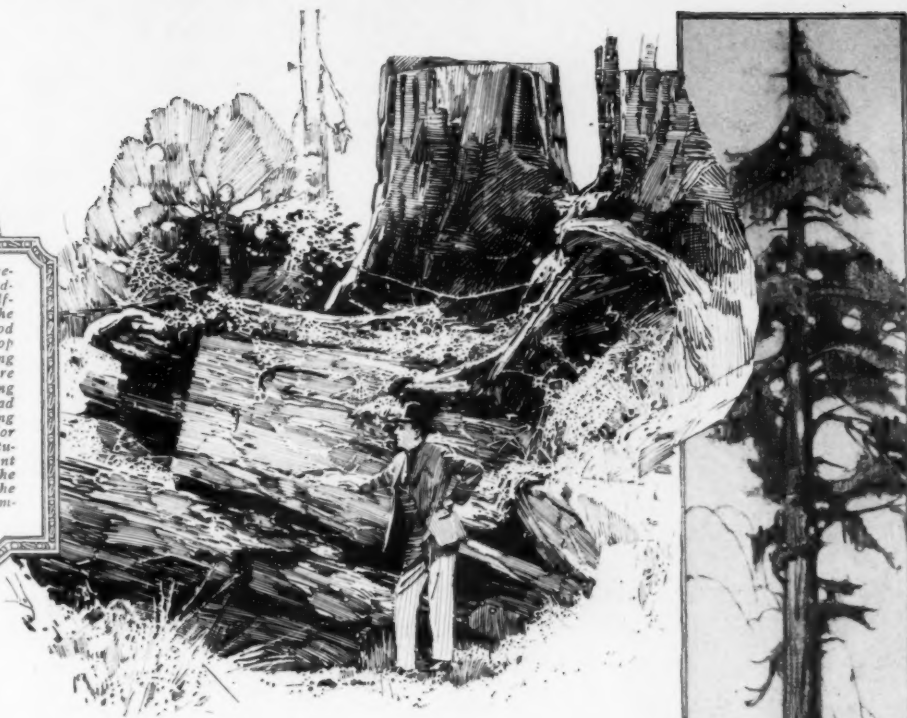
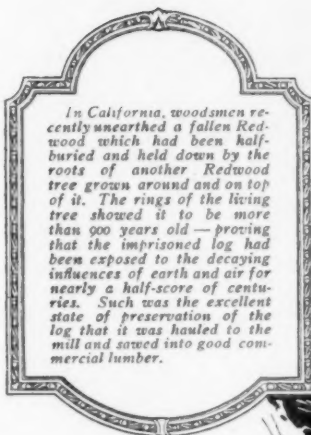
Heavy weight sheathing board, per M sq. ft.	\$50.00	\$50.00
Medium weight sheathing board, per M sq. ft.	46.00	45.00
Stucco or plaster board, sheathing board and insulating board are in rolls containing one sheet 25 ft. long and 4 ft. wide (100 sq. ft.)		

WALL BOARD

Wall board, shipped any length, 4 ft. wide, per M.	\$45.00	\$40.00
Packed flat in cars if ordered in less than car lots. Add \$5.00 per M ft. for crating		

ZINC SHEETS

Sheets, No. 9, base casks	8 1/2 to 9 1/2c.	
Open, per lb.	12c.	
	12 1/2c.	



In the ground 900 years and still good lumber

There is only one possible explanation of this remarkable lasting power of California Redwood — its *natural* preservative.

This preservative, which has protected the *Sequoia Sempervirens* through the centuries, keeps its lumber free from decay-producing fungi and makes it distasteful to destructive insects.

Examples of this unusual lasting quality are legion. For bridge, mine and tunnel timbers, for silos, for railroad ties, for tanks and pipes — for the most exacting industrial construction exposed to earth, water, acids or extreme changes of temperature or moisture, this many-purpose lumber has proven its worth.

And in addition to its rot-resisting qualities, Redwood Lumber is free from pitch and therefore remarkably fire-resistant (hard to ignite, slow-burning and easily extinguished). Properly seasoned it will not warp, shrink or crack. It is soft and easily worked, yet Government tests give it a breaking strength of 8000 pounds per square inch, and a "stiffness" or resistance to deformation of 1,140,000 pounds.

And as a home-building material both in color and in grain it is distinctive and beautiful.

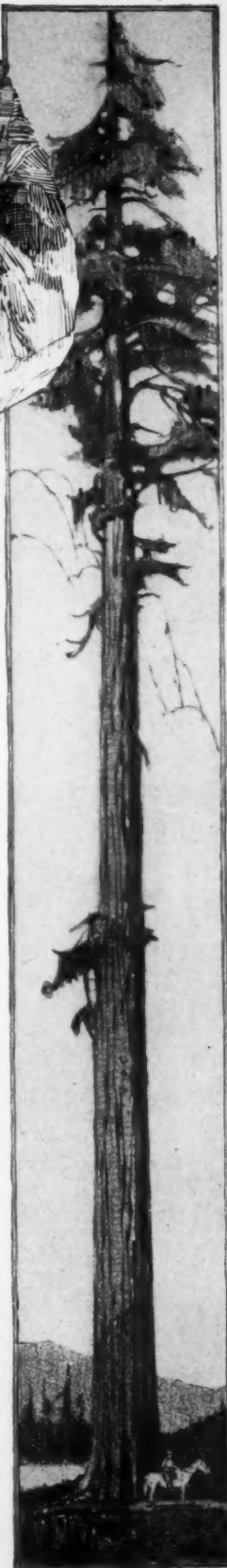
Let us tell you more of this remarkable wood! Write for our free booklets: "California Redwood Homes," "California Redwood for the Engineer," "Redwood Block Paving" and "Specialty Uses of Redwood." We will gladly supply data on Redwood for any purpose.

Ample wholesale stocks of California Redwood carried by dealers at Minnesota Transfer, Minn., Chicago, Illinois, and Poughkeepsie, N. Y. Your lumber dealer should carry Redwood. If not, write us, and your requirements will be taken care of.

CALIFORNIA REDWOOD ASSOCIATION
721 Exposition Building, San Francisco, California

California Redwood

Resists fire and rot



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.—H. Abramson, 2122 Second Avenue, plans to build 50 x 140 ft. fireproof store. Architect not selected. \$100,000.

BIRMINGHAM, ALA.—Committees being organized and campaign will be started to raise \$1,000,000 to build memorial auditorium. M. W. Bush, care Chamber of Commerce, Chairman.

ARIZONA

PHOENIX, ARIZ.—Arizona Packing Co. is having plans prepared for plant on Temple Road, to consist of four story, 200 x 350 ft., reinforced-concrete building and a number of smaller buildings. F. Tribolet, Secretary. \$500,000.

ARKANSAS

FORT SMITH, ARK.—W. J. Echols Co. let contract for building four story, 120 x 130 ft., mill construction warehouse, to T. T. Riddick, Fort Smith. \$64,000.

CALIFORNIA

ANTIOCH, CAL.—City is having plans prepared by B. G. McDougall, Architect, Sheldon Building, San Francisco, for two story, concrete and brick, hall, fire house and jail, on Third and H Streets. \$55,000.

BENICIA, CAL.—Kullman, Salz & Co., 603 Wells-Fargo Building, San Francisco, is having plans prepared by J. A. Wilcox, Engineer, care owner, for three story, 103 x 154 ft., brick factory. \$60,000.

FRESNO, CAL.—City will vote on \$1,200,000 bonds to build high school, intermediate school and junior college; also \$880,000 for elementary schools.

FRESNO, CAL.—San Joaquin Baking Co., San Benito and P Streets, is having plans prepared by Glass & Butner, Architects, Cory Building, for one and two story, 125 x 300 ft., reinforced-concrete and brick bakery, on Los Angeles Street. \$60,000.

HEMET, CAL.—Hemet Union High School District plans to build school. O. B. Waite, Principal. \$75,000.

LOS ANGELES, CAL.—Board of Public Service Commissioners, 645 South Olive Street, voted \$13,500,000 bonds; \$2,500,000 to be used to build power plant No. 2 in San Francisco Canyon and power development in Owens River Gorge and \$11,000,000 for purchasing distributing system owned by Southern California Edison Co. E. F. Scattergood, 645 South Olive Street, Engineer.

MERCED, CAL.—C. H. Douglas is having plans prepared by A. W. Cornelius, Architect, Merchants' National Bank Building, San Francisco, for one story, 75 x 150 ft., concrete or brick theater, on Seventeenth and N Streets. \$50,000.

MODESTO, CAL.—School Trustees are having preliminary plans prepared by J. J. Donovan, Architect, Oakland, for grammar school and addition to high school. \$150,000.

ORANGE, CAL.—Foothill Growers, Inc., plans to build one story, 200 x 200 ft., concrete and frame addition to packing house. \$50,000.

ORLAND, CAL.—School Trustees plan to purchase site and build addition to school to include gymnasium, auditorium and manual training departments. \$70,000.

SAN DIEGO, CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct an administration building, roads and walks. \$305,000.

SANTA PAULA, CAL.—Limoneira Co. will build one and two story, hollow tile and concrete packing house. Allison & Allison, 1405 Hibernian Building, Los Angeles, Architects. \$150,000.

CONNECTICUT

BRIDGEPORT, CONN.—E. M. Jennings, 277 Fairfield Avenue, let contract for building five story, 110 x 170 ft., brick and terra cotta, auto sales storeroom and garage, on Harrison Street, to T. J. Pardy Construction Co., 15 Fairfield Avenue. \$175,000.

GROTON, CONN.—M. Pollack & Co., Conantville (Williamette P. O.) plans to build three story, 50 x 130 ft., brick and steel factory and several workmen's houses. \$200,000.

HARTFORD, CONN.—Colonial Auto Co., 1279 Main Street, plans to build two story, 65 x 165 ft., brick and reinforced-concrete garage and sales station, on Ann Street. E. T. Wiley, 75 Pratt Street, Architect. \$65,000.

NEW HAVEN, CONN.—Brown & Thomas Auto Co., 7 Dixwell Avenue, plans to build garage and salesroom, on Whalley Avenue. Architect not selected. \$60,000.

NEW HAVEN, CONN.—W. L. Frank, 61 Prince Street, plans to build one story, 50 x 165 ft., brick and concrete garage, on George Street. J. Weinstein, 6 Church Street, Architect. \$30,000.

NEW LONDON, CONN.—H. R. Brewster, Architect, 295 East Seventeenth Street, Brooklyn, will build three story, 70 x 165 ft., brick and concrete theater, on Bank Street, here, for W. T. Murphy, 143 Bank Street. \$125,000.

NORWICH, CONN.—Norwich Hospital for Insane proposes two story, 200 x 200 ft., brick and reinforced-concrete psychopathic and tuberculosis ward building, on Preston Street. Cudworth & Thompson, Thayer Building, Architects. \$200,000.

WATERBURY, CONN.—American Brass Co., Grand and Meadow Streets, let contract for building one story, brick and concrete, addition to power house, on Washington Avenue. H. R. Kent Co., 141 Broadway, New York City. \$60,000.

WATERBURY, CONN.—Waterbury National Bank, 150 Bank Street, will build brick and limestone bank, on Grand and Field Streets. C. Gilbert, 244 Madison Avenue, New York City, Architect. \$100,000.

WATERBURY, CONN.—G. B. Wuestefeld Co., 192 York Street, New Haven, let contract for building one story, 70 x 142 ft., brick, concrete and steel garage, salesroom and service station, on South Main Street, here, to Sullivan & McKeown, 842 Dixwell Avenue, New Haven. \$40,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—James A. Wetmore, Acting Supervising Architect, will react granite steps to north and south plaza, etc., at the U. S. Treasury Building.

WASHINGTON, D. C.—A. S. Burleson, Postmaster General, will install mechanical equipment, including plumbing, heating apparatus, electric conduits and wiring and interior lighting fixtures for the U. S. Post Office Garage, located at First and G Streets, N. E.

FLORIDA

MIAMI, FLA.—C. G. Fisher, 434 North Capitol Avenue, Indianapolis, Ind., plans to build two story, 55 x 125 ft., reinforced-concrete theater, at Alton Beach. Price & McLaughlin, 908 Bellevue Court, Philadelphia, Pa., Architects.

HAWAIIAN TERRITORY

PEARL HARBOR, H. T.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct hospital building here. \$250,000.

ILLINOIS

AURORA, ILL.—Aurora Beacon News is having plans prepared by Zimmerman, Saxe & Zimmerman, Architects, 84 East Van Buren Street, Chicago, for three story, 60 x 90 ft., reinforced-concrete and brick plant, on Highland Avenue. \$100,000.

CHICAGO, ILL.—Gill Mfg. Co., 351 West Fifty-ninth Street, plans to build large manufacturing plant on South Chicago Avenue and Eighty-third Street. Architect not selected. First unit to cost about \$100,000.

CHICAGO, ILL.—R. H. Comey Co., 2440 Washburne Avenue, let contract for building two and six story, 125 x 200 ft., reinforced-concrete and brick factory, at 2455 West Twelfth Street, to J. L. Carnegie & Sons, 189 West Madison Street. \$80,000.

CHICAGO, ILL.—A. I. Jordan, care J. A. Armstrong, Architect, 11 South La Salle Street, will build seven story, 167 x 287 ft., mill construction warehouse, on Ogden Avenue and Rockwell Street. \$300,000.

CHICAGO, ILL.—Mundie & Jensen, Architects, 39 South La Salle Street, let contract for building three story, 67 x 194 ft., two story, 195 x 414 ft., and one story, 81 x 108 ft., brick and timber, piano factory, Kedzie Avenue and Forty-eighth Place, to R. F. Wilson & Co., 154 West Randolph Street, for Melville Clarke Piano Co., 25 East Jackson Street. \$400,000.

CHICAGO, ILL.—Walker & Meyer, 1230 North Clark Street, let contract for building six story, 50 x 75 ft., reinforced-concrete, warehouse, to Leafgreen Construction Co., 21 East Van Buren Street. \$50,000.

CHICAGO, ILL.—All American Truck Co., 2952 West Chicago Street, is having plans prepared by S. N. Crowen, Architect, 30 North La Salle Street, for first unit of plant, reinforced-concrete and brick, on Grand Avenue and Natchez Street \$200,000. Ultimate cost, \$1,500,000.

CHICAGO, ILL.—J. B. Rohm & Son, Architects, 138 North La Salle Street, proposes building two and six story, brick and reinforced-concrete warehouse, on Oak and Kingsbury Streets, for G. Rasmussen Co., 615 West Randolph Street, to be leased to National Tea Co. \$400,000.

QUINCY, ILL.—Kespohl-Morenstecher Dry Goods Co., Fourth and Main Streets, preparing plans for two story, 125 x 160 ft., brick and concrete warehouse and addition to store adjoining. \$70,000.

INDIANA

EVANSVILLE, IND.—Graham Bros., Citizens' Bank Building, will build one story, 92 x 242 ft., brick mill. \$50,000.

FORT WAYNE, IND.—Thieme Bros., Park Avenue, is having plans prepared for 90 x 157 ft., brick, steel and reinforced-concrete, mill on Runyan Avenue. \$150,000.

IOWA

SAC CITY, IOWA.—Board of Education is having plans prepared by Ashby, Ashby & Schultz, Architects, 178 West Jackson Block, Chicago, for two story, 85 x 150 ft., brick and timber school. \$100,000.

KANSAS

WICHITA, KAN.—A. J. Watson is having plan prepared by H. A. Noble, Engineer, Reliance Building, Kansas City, Mo., for warehouse. \$100,000.

KENTUCKY

LOUISVILLE, KY.—Kentucky Wagon & Mfg. Co., Third and K Streets, plans to build two story, brick and steel plant. \$100,000.

LOUISIANA

NEW ORLEANS, LA.—J. P. Henrican, Vice-President, Board of Administration, will build additions to the one and two story warehouse situated on Howard Street, for Charity Hospital.

MARYLAND

BALTIMORE, MD.—Superintendent of Light-house plans the construction of a foundation for Wade Point Light Station, North Carolina.

BALTIMORE, MD.—Forest Park Presbyterian Congregation, 3714 Springdale Avenue, plans to build two story, 40 x 75 ft., reinforced-concrete, stone and brick parish house and manse, on Dalrymple and Garrison Avenues. J. E. Finney, Pastor. J. E. Lafferty, Roslyn Street, near Beach Avenue, Architect. \$50,000.

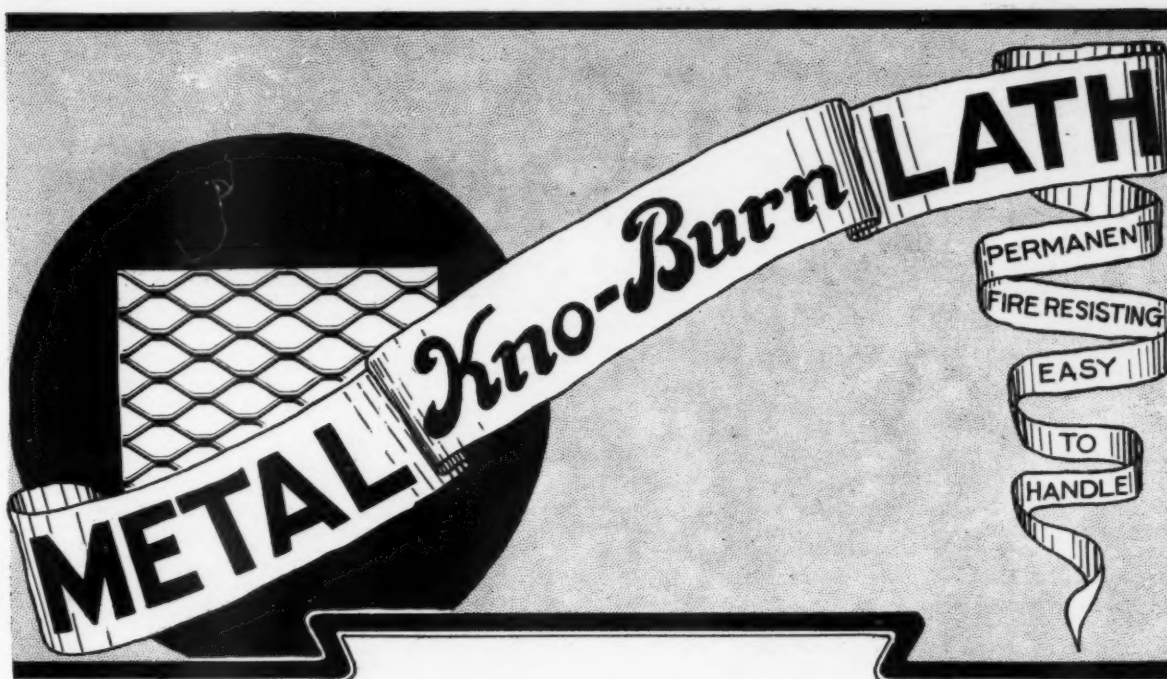
BALTIMORE, MD.—General Investment Co., Columbia Avenue and Baltimore & Ohio R.R., plans to build four story, 90 x 100 ft., reinforced-concrete and steel warehouse, on Columbia Avenue and Putnam Street. S. Leibowitz, Manager. G. R. Callis, Jr., 55 Knickerbocker Building, Architect. \$50,000.

HIGHLANDTOWN, MD. (Baltimore P. O.)—Jones & Lamb Co., Pennsylvania and Fulton Avenues, will remodel plant of Monumental Brewery Co. and construct several reinforced-concrete, steel and brick buildings, on Lombard Street, to be used as meat packing plant and oil refinery. C. C. Comstock, 110 West Fortieth Street, New York City, Engineer.

TRACYS LANDING, MD.—Board of Education, Anne Arundel County, Annapolis, is having revised plans prepared by H. P. Hopkins, Architect, 211 Union Trust Building, Baltimore, for two story, brick school. \$50,000.

MASSACHUSETTS

BOSTON, MASS.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct addition to ship fitters shop at the navy yard here. \$345,000.



U. S. Bureau of Standards Renders Important Finding Re Metal Lath

IN regard to the base which should be selected for stucco, the extensive tests which have been carried on by the Bureau of Standards of the U. S. Government give a high rating to metal lath fastened to a wooden frame by crimped furring strips and back plastered. An extract from their report reads:

"The type of Stucco Construction on Metal Lath and Back Plastered, with the omission of sheathing boards, has a decided appeal as a logical type of wood frame construction."

The satisfaction of using KNO-BURN Metal Lath for stuccoing and as a supporting vehicle of all types of interior plastering has long been known to the architects and contractors of America.

Experience has taught them that its use prevents cracking and eventual falling of the plastic covering, eliminates unsightly streaking and discoloration and gives an added measure of fire protection.

KNO-BURN Expanded Metal Lath is furnished in a variety of types, gauges and weights to suit every requirement.

*Large Stocks Are Always Available
In All Principal Cities.*

May we send you a complimentary copy of our new book "Fireproof Construction"?

NORTH WESTERN EXPANDED METAL CO.

911 OLD COLONY BUILDING

CHICAGO

HOLYOKE, MASS.—C. W. Rackliffe, 257 Appleton Street, and G. Hammond plan to build fireproof playhouse, on Chestnut and Appleton Streets. Architect not selected. \$200,000.

HOLYOKE, MASS.—Y. M. C. A., 367 High Street, plans to erect building, on Maple and Essex Streets. Architect not selected. \$125,000.

NEW BEDFORD, MASS.—Superintendent of Schools, 116 Williams Street, proposes general repairs to various school buildings.

NEW BEDFORD, MASS.—City Council Committee on City Property for electrical work, plumbing work and heating and ventilating system at the school building at Emery, Freeman and Emma Streets.

NEW BEDFORD, MASS.—City Council Committee on City Property will construct school building at Emery, Freeman and Emma Streets. Frank Clifton Brown, Architect, New Bedford, Mass.

NORTHAMPTON, MASS.—Smith College. College Hall, plans to expend \$700,000 to erect college buildings, on campus. W. A. Neilson, President. Architect not selected.

NORTHAMPTON, MASS.—Dickinson Hospital, North Elm Street, plans to build nurses' home. Architect not selected. \$100,000.

PITTSFIELD, MASS.—Board of Education plans to build school, on Wahconah Street, in Pontotoc District. Architect not selected. \$50,000.

SPRINGFIELD, MASS.—Clinton Hall Hotel Co., 108 Main Street, plans to build large brick and steel addition to hotel. Architect not selected. \$75,000.

SPRINGFIELD, MASS.—D. O. Gilmore, 414 Main Street, plans to build new brick and concrete theater, to replace present Gilmore Theater, on Main and Pynchon Streets. Architect not selected. \$200,000.

TAUNTON, MASS.—W. R. Walker & Son, Architects, 17 Custom House Street, Providence, R. I., has plans for altering Park Theater, on Court Street, for Donovan Amusement Co., 24 Court Street. \$50,000.

WESTFIELD, MASS.—Board of Trustees, Noble Hospital, West Silver Street, plan to alter and build addition to hospital. Architect not selected. \$50,000.

MICHIGAN

DETROIT, MICH.—Liberty Motor Car Co., foot Lyncaster Street, plans to construct plant on Charlevoix Avenue, to include one story, 120 x 600 ft. main assembly building, one story, 60 x 300 ft., experimental and stock building, two story, 50 x 200 ft., administration building, and 40 x 60 ft. heating plant, reinforced-concrete, brick and steel. Austin & Co., 1954 Penobscot Building, Engineers.

DETROIT, MICH.—A. Kahn, Architect, Marquette Building, has plans for building six story, 150 x 150 ft., reinforced-concrete, brick and steel service station and sales department, on York and Cass Avenues, for General Motors Corporation, Boyer-Campbell Building, Cadillac Motor Car Co., lessee.

DETROIT, MICH.—National Biscuit Co., 42-56 Woodbridge Street, is having plans prepared for ten story, 100 x 200 ft., plant, on Forsyth Avenue, to include bakery, offices, freight shed, loading platform and addition to garage.

PORT HURON, MICH.—C. H. Wills and J. R. Lee, Book Building, Detroit, have purchased tract of land and plan to build large motor car manufacturing plant.

MINNESOTA

GILBERT, MINN.—Board of Education will remodel third floor of Gilbert Primary School Building. W. T. Bray, Duluth, Minn., Architect.

INTERNATIONAL FALLS, MINN.—City is having plans prepared by W. Glenn, Engineer, Minneapolis, for hydrogen gas plant. \$75,000.

MINNEAPOLIS, MINN.—Gurley Candy Co., 56 Western Avenue, let contract for building four story, 50 x 64 x 132 ft., concrete and brick factory, at 900 North Third Street, to J. Leck Co., 316 South Seventh Street. \$60,000.

MONTEVIDEO, MINN.—James A. Wetmore, Acting Supervising Architect, Treasury Department, Washington, D. C., proposes the construction of U. S. Post Office Building here.

MISSOURI

ST. JOSEPH, MO.—City voted \$500,000 bonds to build extension to electric light plant.

ST. LOUIS, MO.—Barnett, Hayes & Barnett, Architects, 94 century Building, will build four and six story, 119 x 120 ft., reinforced-concrete, steel and brick factory, on Seventh and Washington Streets, for J. Smith Furniture Co., 919 North Seventh Street. \$300,000.

ST. LOUIS, MO.—Board of Public Service soon will build one 120 x 200 ft. and one 200 x 400 ft., concrete warehouse, including eleven concrete freight platforms, cranes, etc. J. A. Hook, City Engineer. \$300,000.

ST. LOUIS, MO.—United Drug Co., 63 Leon Street, Boston, Mass., is having plans prepared for eight story factory, on San Francisco Avenue and Kingshighway, here. \$2,000,000.

ST. LOUIS, MO.—Board of Public Service proposes building one 200 x 400 ft. and one 120 x 200 ft., concrete warehouses and eleven concrete freight platforms on municipal dock. J. A. Hooke, City Engineer. \$300,000.

ST. LOUIS, MO.—Board of Estimate and Apportionment considering plan to issue \$100,000 bonds to build garage. L. R. Bowen, City Engineer.

ST. LOUIS, MO.—Universal Motor Truck & Tractor Engine Co., Syndicate Trust Building, is having plans prepared by D. T. Timberlake, care owner, for group of one story, reinforced-concrete factory buildings, at Suburban Garden. \$50,000.

MONTANA

BILLINGS, MONT.—Montana Tractor Co., Lewistown, plans to build warehouse here. A. Bright, Billings, Manager. \$65,000.

NEW JERSEY

HOBOKEN, N. J.—Tietjen & Lang Dry Dock Co., Seventeenth Street, plans to build three story, concrete office. \$100,000.

JERSEY CITY, N. J.—Board of Freeholders, Hudson County, plans to build jail. \$200,000.

JERSEY CITY, N. J.—Mutual Mausoleum Co. plans to build concrete, brick and marble mausoleum, on Garfield Avenue. \$300,000.

KEARNEY, N. J.—(Arlington P. O.)—White Tar Co. will build two story, 100 x 200 ft., reinforced-concrete factory and office. J. W. Cowper Co., Fidelity Building, Buffalo, N. Y., Engineer. \$60,000.

LAMBERTVILLE, N. J.—Chemung Iron & Steel Co., 39 Cortlandt Street, New York City is having plans prepared by E. F. Quirk, Engineer, care owner, for one story, 100 x 380 ft., reinforced and steel rolling mill. \$100,000.

NEWARK, N. J.—L. E. Waterman Co., 191 Broadway, New York City, is having plans prepared by Helmlé & Corbett, Architects, 190 Montague Street, Brooklyn, N. Y., for six story, 260 x 475 ft., reinforced-concrete and steel factory, on Peddle Street, near Johnson Avenue, here.

NEW BRUNSWICK, N. J.—Victory Amusement Corporation, New Brunswick, is having plans prepared by J. H. Scheier, Architect, 25 West Forty-second Street, New York City, for 100 x 100 ft., brick and steel theater, on Albany and Washington Streets. \$300,000.

ORANGE, N. J.—G. C. Herken, Purchasing Agent, Essex County (Newark), will build concrete and brick sanatorium here. G. Green, 27 Clinton Street, Newark, Architect. \$569,000.

TRENTON, N. J.—Board of Freeholders, Mercer County, is having plans prepared by H. F. Harris, Engineer, 759 Stuyvesant Avenue, for tuberculosis hospital here. \$200,000.

WOODBURY, N. J.—C. P. Peddle, Architect, 136 South Fourth Street, Philadelphia, will build one story, 35 x 106 ft., concrete bank, for First National Bank, here. \$125,000.

NEW YORK

BROOKLYN, N. Y.—J. Hanheimer, 1694 Forty-ninth Street, is having plans prepared by Carlson & Wiseman, Architects, 226 Henry Street, for three story, 203 x 302 ft., brick, stone and steel theater, on Flatbush Avenue and Albemarle Road. \$450,000.

BROOKLYN, N. Y.—I. Miller, 1663 Union Street, will build two story, 100 x 140 ft., brick and steel theater, on St. Johns Place and Utica Avenue. T. W. Short, 370 Macon Street, Architect. \$150,000.

BROOKLYN, N. Y.—C. Hutwelker, 655 Fifth Avenue, had plans prepared by E. F. Seelye, Architect and Engineer, 101 Park Avenue, New York City, for five story, 63 x 100 ft., brick and steel packing house, on Hall Street and Flushing Ave. \$100,000.

BROOKLYN, N. Y.—Mason, Au & Magenheimer, 22 Henry Street, is having plans prepared by Ebling & Magnerson, Architects, 52 Vanderbilt Avenue, New York City, for eight story, 60 x 100 ft., reinforced-concrete and steel addition to factory, at 24 Henry St. \$150,000.

BROOKLYN, N. Y.—Shampman & Shampman, Architects, 50 Court Street, is preparing plans for four story, 92 x 100 ft., brick and steel factory, on Varet and White Streets. \$100,000.

HERKIMER, N. Y.—Griswold & Mason are having plans prepared by E. A. Howard, Bastable Block, Syracuse, for 60 x 135 ft., fireproof theater, on Main Street. Addison T. P. Griswold, Herkimer. \$80,000.

LONG ISLAND CITY, N. Y.—Sawyer Biscuit Co., 404 East Thirty-second Street, New York City, proposes erecting eight story, 126 x 200 ft., reinforced-concrete and steel factory, on Degnon St. here. Ballinger & Perrott, 1328 Broadway, New York City, Architects.

NEW YORK, N. Y.—New York Telephone Co., 15 Dey Street, is having plans prepared by McKenzie, Voorhies & Gmelin, Architects, 1123 Broadway, for two story, 100 x 145 ft., brick, steel and limestone exchange, on Tramm Avenue, west of Rowland Street. \$200,000.

NEW YORK, N. Y.—New York Infirmary for Women and Children, 321 East Fifteenth Street, is having plans prepared by Butler & Rodman, Architects, 56 West Forty-fifth Street, for altering seven story brick and steel hospital. \$72,000.

NEW YORK, N. Y.—Larimore & Co., 1 West Fortieth Street, will build six story, 34 x 100 ft., brick and steel office, at 15-17 West Forty-sixth Street. Zipkes, Wolff & Kudroff, 25 West Forty-second Street, Architects. \$80,000.

NEW YORK, N. Y.—Buckley-Newhall Co., 125th Street and Fifth Avenue, is having plans prepared by J. B. Snooks Sons, Architects, 261 Broadway, for twelve story, 100 x 125 ft., brick and steel store, on Sixth Avenue and Forty-first Street.

NORTH TONAWANDA, N. Y.—Board of Education is having plans prepared and estimates made for two story gymnasium and drill hall. \$80,000.

PIERREPOINTE MANOR, N. Y.—Northern New York Milk Co., recently incorporated with \$500,000 capital stock, plans to build reinforced-concrete milk station, evaporating plant and milk shipping station. Address: F. P. Redfield, Adams, Director. \$200,000.

ROCHESTER, N. Y.—B. Forman, 46 Clinton Avenue, S., plans to build three story, 24 x 125 ft., brick addition to present plant. Architect not selected. \$60,000.

RYE, N. Y.—J. E. Bowman, Hotel Biltmore, New York City, is having plans prepared by Warren & Wetmore, Architects, 16 East Forty-seventh Street, New York City, for brick, steel and reinforced-concrete clubhouse. \$2,000,000.

UTICA, N. Y.—Utica State Hospital, Marcy Division, had plans prepared for three story, 40 x 206 ft., building to be known as Acute Hospital, with three wings, 35 x 58 ft., \$350,000; also three story, 41 x 320 ft., Chronic Hospital, with three wings, 41 x 53 ft., both brick and reinforced-concrete. \$400,000.

UTICA, N. Y.—Horrocks-Ibbotson Co., 54 Genesee Street, had plans prepared by W. L. Strobel, Architect, Martm Building, for two brick factories on Whitesboro Street, to contain 27,000 sq. ft. space and two storage buildings, 8500 sq. ft. space. \$75,000.

UTICA, N. Y.—Langdon & Hughes Electric Co., 233 Elizabeth Street, is having plans prepared for three story, brick, office, storage and shop building, at 225-229 Elizabeth Street.

WATERTOWN, N. Y.—Kamargo Hotel Corp., recently incorporated, is having plans prepared by Essenwein & Johnson, Architects, Ellicott Square, Buffalo, for hotel on Washington Street. D. M. Anderson, Sherman Building, F. A. Emmell, 122 Court Street; D. D. Kieff, Flower Building, Directors. \$500,000.

NORTH DAKOTA

MANDAN, N. D.—Western Auto Co. is having plans prepared for one story brick garage. L. F. Smith, Manager. \$40,000.

OHIO

CANTON, OHIO.—Holland Bread Co., Toledo, is having plans prepared by McCormick Co., Architects and Engineers, Century Building, Pittsburgh, Pa., for one and two story, 120 x 209 ft., steel and brick bakery. A. Wade, Holland, President. \$100,000.

CINCINNATI, OHIO.—B. F. Keith Co., 519 Walnut Street, proposes building twelve story office and theater, 120 x 200 ft., concrete and steel, on Fifth and Walnut Streets. Rapp & Rapp, 190 North State Street, Chicago, Architects. \$1,250,000.

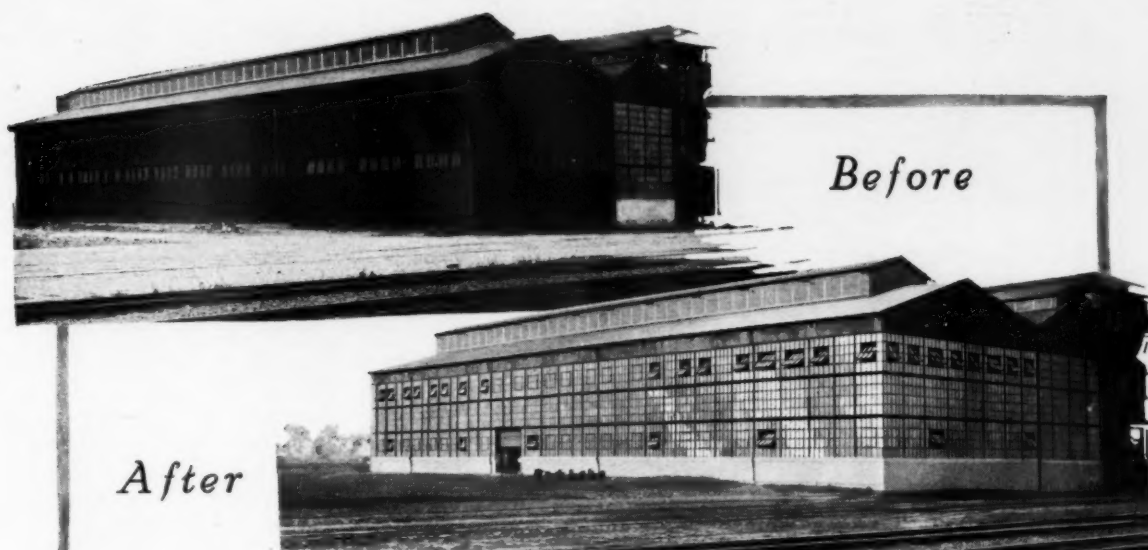
CLEVELAND, OHIO.—Columbia Steel & Shifting Co., Engineers' Building, plans to build one story, 147 x 157 ft., reinforced-concrete, steel and brick, warehouse, on East Fifty-fifth Street, near St. Clair Avenue. \$150,000.

CLEVELAND, OHIO.—Jones Gear Co., Guardian Building, will build two story, 30 x 100 ft. and 110 x 310 ft., reinforced-concrete, steel and brick factory and office, on Wayside Road. G. A. Greible, 517 Sloan Building, Architect and Engineer. \$130,000.

CLEVELAND, OHIO.—Leonard Electric Mfg. Co., 433 Champlain Avenue, let contract for building two story, 86 x 115 ft., concrete, steel and brick factory, at 3907 Perkins Avenue, to H. G. Slatmeyer & Son Co., 233 West Lakeside Avenue. \$50,000.

CLEVELAND, OHIO.—Peerless Motor Car Co., East Ninety-third Street and Quincy Avenue, let contract for building three story, 40 x 80 ft., reinforced-concrete, steel and brick addition to factory, to Masters & Mullen, 602 Electric Building. \$60,000.

COLUMBUS, OHIO.—Reibel & Sons, Architects, New First National Bank Building, will build six story, 46 x 110 ft., brick bakery, on North High Street, for Clark Baking Co., 1435 North High Street. \$85,000.



MODERNIZING OLD BUILDINGS

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SOLID STEEL WINDOWS

COLUMBUS, OHIO.—Columbus Tire & Rubber Co., Hayden Building, plans to build one story, 100 x 340 ft. factory on West Goodale Street. Austin Construction Co., East 152nd Street. \$92,000.

COLUMBUS, OHIO.—Bradford Shoe Co., 236 Neilston Street, let contract for building four story, 50 x 70 ft., mill construction factory, on Neilston Street, to E. H. Latham, Grove Street. \$50,000.

COLUMBUS, OHIO.—Henderson Tire & Rubber Co., Bucyrus, let contract for building two story, 100 x 300 ft., reinforced-concrete, rubber factory, on Goodale Street, here, to Moor Bros., 1358 Franklin Avenue. \$100,000.

DAYTON, OHIO.—Union Storage Co., East State Street, plans to build five story, 78 x 100 ft., reinforced-concrete warehouse, on East State Street. Frank Hill-Smith, Inc., East Third Street, Architects. \$150,000.

DAYTON, OHIO.—Air City Garage & Tire Co., 16 South Jefferson Street, plans to build two story, 80 x 132 ft., reinforced-concrete and brick garage, on Fifth and Perry Streets. Peters, Hummer & Brown, 1129 Reibold Building, Architects. \$100,000.

DAYTON, OHIO.—Dayton Fan & Motor Co., Ludlow Street, let contract for building five story, 82 x 150 ft., reinforced-concrete and brick factory, on Monument and Meigs Streets, to Frank-Hill-Smith, Inc., East Third Street. \$150,000.

OKLAHOMA

OKMULGEE, OKLA.—Oil Well Supply Co. is having plans prepared for two story, 50 x 75 ft., brick and steel warehouse, on Old Baseball Park and Third Street. J. D. Lerner, Tulsa, Okla., Engineer. \$35,000.

OKMULGEE, OKLA.—J. H. Rebold and associates will build five story, 75 x 100 ft., brick, terra cotta and stone, printing and office building, on Fifth and Seminole Streets. H. La Pierre, Parkerson Hotel, Architect. \$200,000.

TULSA, OKLA.—Continental Supply Co., 507 North Boulder Street, plans to build three story, 60 x 100 ft. warehouse. Architect not selected. \$33,000.

OREGON

HEPPNER, ORE.—B. P. O. E. of Heppner plan to build two story, 60 x 126 ft., brick home. J. V. Benne, Chamber of Commerce Building, Portland, Ore., Architect. \$50,000.

HEPPNER, ORE.—Heppner Hotel Co. plans to build three story, 62 x 126 ft., brick hotel. J. V. Benne, Chamber of Commerce Building, Portland, Architect. \$80,000.

MARSHFIELD, ORE.—State Legislature, Portland, will build two story armory, 105 x 120 ft., brick, here. Claussen & Claussen, Macleay Building, Portland, Architects. \$50,000.

NORTH BEND, ORE.—R. Banks and Simpson Estate Co., both of North Bend, are back of project to build hotel. J. A. Smith, Secretary, Chamber Commerce, interested. \$100,000.

PENDLETON, ORE.—Collins Flour Mill, Pendleton, is having plans prepared by Nurdyke & Marmon Co., Architects, 250 North Meridian Street, Indianapolis, Ind., for six story, 50 x 100 ft., reinforced-concrete flour mill and two story warehouse, on East Webb Street. R. M. Crommelin, Spokane, Wash., Manager.

PENDLETON, ORE.—W. N. Matlock Estate is having plans prepared by R. W. Hatch, Architect, Despain Building, for five story, fifty room, brick addition to Hotel Pendleton, on Main and Water Streets.

PORTLAND, ORE.—Hartman & Stein plan to build one story, 78 x 100 ft., brick garage, on Fifth and Everett Streets. MacNaughton & Raymond, Corbett Building, Architects.

SALEM, ORE.—Oregon Pulp & Paper Co. proposes building reinforced-concrete paper and sulphite pulp mill on Willamette River. C. E. Eaton, Sherman Building, Watertown, N. Y., Engineers. \$1,000,000.

ST. JOHN, ORE.—Portland Dock Commission plans to build oil storage facilities at St. Johns Terminal. J. B. Hegardt, Engineer. Cost between \$50,000 and \$60,000.

WEST LINN, ORE.—Board of Education will build two story, 78 x 130 ft., brick and concrete, school. Tourtelotte & Hummel, McKay Building, Portland, Architects. \$50,000.

PENNSYLVANIA

ALLENTOWNS, PA.—Wilmer & Vincent, 1451 Broadway, New York City, will build three story, 116 x 116 and 58 x 90 ft., steel and brick theater and office. Hoffman & Henon, Finance Building, Philadelphia, Architects.

ALTOONA, PA.—A. Martucci & Bros., 814 Eighteenth Street, will build two story, 40 x 61 ft., brick and stone business building, on Ninth Avenue and Sixteenth Street. F. A. Herh and F. J. Shollar, Commerce Building, Architects. \$50,000.

ALTOONA, PA.—Board of Education, Logan Township, will build three two story, 42 x 62 ft., brick and stone schools, at Garden Heights, South Altoona, and Greenwood; also two story, 21 x 30 ft., addition to Pleasant

Valley School. F. A. Herh and F. J. Shollar, Commerce Building, Architects. \$55,000.

ALTOONA, PA.—Altoona Overall Co. purchased 60 x 80 ft. site, on Union Avenue, and plans to build three story, brick factory. M. Henderson and A. Parrish, Proprietors. Architect not selected. \$50,000.

ALTOONA, PA.—Mirror Printing Co., 1000 Green Avenue, plans to build three story, 38 x 50 ft., brick and steel addition to plant, on Green Avenue and Tenli Street. J. Millard, Hutchinson Building, Architect. \$35,000.

BANGOR, PA.—Zipkes, Wolff & Kudroff, Architects, 25 West Forty-second Street, New York City, prepared plans for two and one-half story, 50 x 100 ft., brick, steel and timber factory. \$80,000.

BUTLER, PA.—Borough of Windora, near here, is having plans prepared by W. P. Hutchins, Architect and Engineer, Connetsoga Building, Pittsburgh, for two story, 55 x 75 ft., fireproof school.

JOHNSTOWN, PA.—H. J. Cartin, Secretary, Board Directors, Conemaugh Valley Memorial Hospital, will build two story, reinforced-concrete, steel and brick boiler house and annex, on Franklin Street, Eighth Ward. W. R. Myton, 1204 First National Bank Building, Architect. \$25,000.

JOHNSTOWN, PA.—United States National Bank purchased 60 x 231 ft. site, on Franklin Street, and plans to build bank, brick, stone and steel. Architect not selected. G. M. Kline, W. D. Hager and others, Directors.

PHILADELPHIA, PA.—Beth Shalom Congregation, 224 Market Street, is having plans prepared by Fieldstein & Roth, Architects, 1328 Chestnut Street, for three story, 100 x 125 ft., concrete and brick synagogue. \$100,000.

PHILADELPHIA, PA.—H. Trumbauer, Architect, Land Title Building, proposes building 425 x 550 ft., concrete art museum, at Fairmont Park, for city.

PHILADELPHIA, PA.—F. D. Heyburn, Fifty-second Street and Overbrook Avenue, will build brick garage and storehouse. Addison Savery, 21 South Twelfth Street, Architect.

PHILADELPHIA, PA.—J. M. Kennedy, 1001 Chestnut Street, is having plans prepared by H. H. Kline, Architect, 536 Mifflin Street, for two story, concrete, steel and brick factory, on Venango and B Streets.

PHILADELPHIA, PA.—H. H. Kline, Architect, 536 Mifflin Street, is preparing plans for one and two story, 72 x 602 ft., concrete, steel and brick factory on Richmond Avenue.

PHILADELPHIA, PA.—Snyder & Co., 17-19 North Tenth Street, is receiving bids for five story, 31 x 104 ft., concrete, steel and brick warehouse. Feuchert & Wunder, 310 Chestnut Street, Architects.

READING, PA.—Philadelphia & Reading Railway, Reading Terminal, Philadelphia, will build one story, 38 x 50 ft., reinforced-concrete and brick power house, here. A. E. Owen, Reading Terminal, Philadelphia, Engineer.

SCRANTON, PA.—Lockwood, Greene & Co., 101 Park Avenue, New York City, will build three story, 72 x 140 ft., reinforced-concrete and steel factory, on Glenn and Meyler Streets, for Scranton Lace Co. \$80,000.

RHODE ISLAND

PROVIDENCE, R. I.—General Fire Extinguisher Co., West Exchange Street, let contract for building three story, 70 x 120 ft., pipe shop and two story, 60 x 70 ft., addition to pipe bending plant, steel and brick, to C. I. Bigney Construction Co., 898 Westminster Street. \$100,000.

PAWTUCKET, R. I.—W. G. Richards, Architect, 17 Exchange Street, Providence, soon receives bids for one story, 101 x 132 ft., garage and one story, 25 x 36 ft. salesroom, brick, on Main Street, for H. & S. Rand, North Main Street. \$45,000.

SOUTH DAKOTA

MADISON, S. D.—City voted \$100,000 to build electric light and power plant.

SIoux FALLS, S. D.—Brooks Tire & Repair Co. will build two story, 100 x 106 ft., brick and reinforced-concrete garage. J. Schwartz, Pauls Block, Architect.

SIoux FALLS, S. D.—H. A. Homan, 321 North Main Street, plans to build two story, 110 x 150 ft., garage, on Ninth Street.

TENNESSEE

MEMPHIS, TENN.—Stratton-Warren Hardware Co., 134 East Calhoun Street, soon receives bids for building four story, 67 x 170 ft., brick warehouse, on Calhoun Street. W. F. Schultz, Memphis, Engineer. \$100,000.

TEXAS

DALLAS, TEX.—Dallas Power & Light Co., Interurban Building, plans to build brick and steel sub-station. J. H. Gill, Engineer. \$250,000.

DALLAS, TEX.—Guiberson Oil Well Specialty Corporation, 418 South Boston Street, Tulsa, Okla., plans to build one story, con-

crete, brick and steel factory, on Forrest and Pennsylvania Avenue, here. Architect not selected. \$1,000,000.

WEST VIRGINIA

FAIRMONT, W. VA.—West Virginia Metal Product Corporation, incorporated with \$2,500,000 capital stock, plans to build large structural steel mill.

FAIRMONT, W. VA.—State Board of Control, Charleston, soon receives bids for building two story, brick dormitory, at Normal School here. R. A. Gillis, Fairmont, Architect. \$95,000.

PARKERSBURG, W. VA.—Donovan Boiler Works plans to build one story, 120 x 130 ft., steel boiler works, foundry and shop. \$60,000.

WISCONSIN

ASHLAND, WIS.—C. Reiss Coal Co., care P. Reiss, 1225 North Seventh Street, Sheboygan, let contract for building two story, 60 x 250 ft., brick, reinforced-concrete and steel, warehouse and coal shed, on Elm Street, to Peppard & Fulton, Minneapolis, Minn. \$92,000.

FORT ATKINSON, WIS.—Creamery Package Co. soon lets contract for building five story, 90 x 207 ft., brick and concrete factory. M. Tullgren & Sons, First National Bank Building, Milwaukee, Architects. Cost between \$150,000 and \$200,000.

MILWAUKEE, WIS.—Hackendahl & Schmidt, Sixteenth Street and St. Paul Avenue, let contract for building one story, 80 x 100 ft., brick and steel plant, to Kroening Construction Co., Majestic Building.

MILWAUKEE, WIS.—Maas Carbonator Co., 250 West Water Street, let contract for two story, 60 x 100 ft., reinforced-concrete and brick, factory, on Twenty-second and Clybourn Streets, to Foster Construction Co., Caswell Block.

MILWAUKEE, WIS.—Milwaukee Corrugating Co., Thirty-sixth and Burnham Streets, let contract for building two story, 125 x 240 ft., brick and steel factory, to Klug & Smith, Mack Building. \$150,000.

MILWAUKEE, WIS.—Quality Biscuit Co., 696 South Pierce Street, let contract for building two story, 56 x 130 ft., brick and mill construction, addition to warehouse, to H. Schmitt & Son, 422 East North Street. \$50,000.

MILWAUKEE, WIS.—United Storage Warehouse, 239 East Water Street, let contract for building four story, 60 x 150 ft., reinforced-concrete and brick, warehouse, to M. Seisel, First National Bank Building. \$100,000.

MILWAUKEE, WIS.—Beals & Torrey Shoe Co., 85-89 Buffalo Street, is having plans prepared by H. J. Esser, Architect, 401 Camp Building, for four story, 50 x 200 ft., brick and mill construction factory, with 40 x 60 ft. wing. \$100,000.

MILWAUKEE, WIS.—Lincoln Motor Car Co., 820 Third Street, proposes building two story, 60 x 108 ft., garage and service station, on Third and Clark Streets. H. J. Esser, Camp Building, Architect. \$40,000.

MILWAUKEE, WIS.—J. Pritzlaff Hardware Co., 35-37 West Water Street, will erect four story, 40 x 60 ft. and 60 x 70 ft., brick and mill construction addition to factory. Klug & Smith, Mack Building Engineers. \$50,000.

MILWAUKEE, WIS.—Briggs Stratton Co., Louis Avenue, is having plans prepared by H. J. Esser, Architect, Camp Building, for five story, 60 x 170 ft., reinforced-concrete addition to factory. \$500,000.

PORTAGE, WIS.—Weinberg Shoe Co., Milwaukee, plans to build two story, 60 x 110 ft., brick, steel and reinforced-concrete factory. Architect not selected. \$90,000.

SHEBOYGAN, WIS.—City, care C. U. Boley, Engineer, City Hall, plans to build one story, 60 x 80 ft., brick, concrete and steel, sub-power station, for T. M. E. R. & L. Co. \$40,000.

SHEBOYGAN, WIS.—Northfield Co., Eighteenth Street and Martin Avenue, plans to build three story, 60 x 90 ft., brick, reinforced-concrete and steel factory, on Martin Street. Address E. W. Schultz, 1735 North Seventh Street. \$70,000.

SHEBOYGAN FALLS, WIS.—Richardson Bros. plan to build two story, 60 x 85 ft., brick, reinforced-concrete and steel mill, on Main Street. \$60,000.

SHEBOYGAN, WIS.—Havana American Cigar Co., care L. L. Stein, 319 North Wells Street, Chicago, plans to build two and three story, 60 x 200 ft., brick, reinforced-concrete and steel factory, on Thirtieth Street, here. \$80,000.

SHEBOYGAN, WIS.—National Box & Novelty Co., Eighth Street, plans to build four story, 60 x 130 ft., brick, reinforced-concrete and steel factory, on Thirtieth Street and Kentucky Avenue. Architect not selected. \$70,000.

SHEBOYGAN, WIS.—Sheboygan Cigar Box Lumber Mfg. Co., care J. W. Sheboygan, plans to build two story, 50 x 80 ft., brick, reinforced-concrete and steel factory, on Martin Avenue. Juul & Smith, Immigrant Building, Architects. \$70,000.

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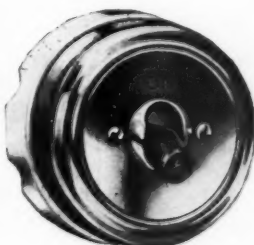
This has a positive-acting, long-wearing mechanism very simple to operate. Instead of two push buttons or a rotating key, there is a single small lever. When it is in one position the switch is "off"—in the other it is "on"—a touch of the finger operates it.

G-E tumbler switches are thoroughly representative of G-E quality and up-to-date design. They are made in either flush or surface type and in finishes to match any decorative scheme.



G-E RELIABLE WIRING DEVICES

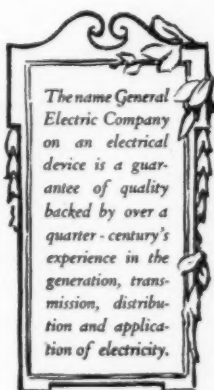
can be furnished by any reputable electrical contractor



Medium size tumbler type surface switch in "off" position



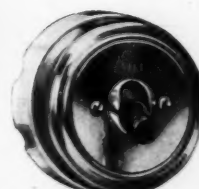
Flush type tumbler switch (composition button)



The name General Electric Company on an electrical device is a guarantee of quality backed by over a quarter-century's experience in the generation, transmission, distribution and application of electricity.



Flush type tumbler switch (metal covered button)



Pony size tumbler type surface switch in "off" position

General Electric
General Office **Company** Schenectady, N.Y.

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

AVALON, CAL.—City voted \$88,000 bonds for combined electric light and waterworks plant and \$55,000 for gas plant. A. B. Wadingham, Tajo Building, Los Angeles, City Engineer.

REDWOOD CITY, CAL.—Pratt-Lowe Co., Santa Clara, purchased site and plans to build cannery. \$25,000.

CONNECTICUT

ANSONIA, CONN.—H. C. Cook Co., Beaver Street, is having plans prepared by Fletcher-Thompson, Inc., Engineers, 1089 Broad Street, Bridgeport, for one story, 60 x 250 ft., brick and concrete addition to factory. \$40,000.

BRIDGEPORT, CONN.—J. W. Skinner, Architect, 1188 Main Street, proposes building two-story, 45 x 85 ft., factory and two story, 38 x 70 ft., office and storage building, brick, on Water Street, for J. D. Johnson Co., 54 Cliff Street, New York City.

BRIDGEPORT, CONN.—Middle Street Realty Co., 1188 Main Street, plans to build six story business and loft building, on Middle Street. \$175,000.

BRISTOL, CONN.—Bristol Boys Club, Main Street, plans to build fireproof clubhouse, on Church Street. Architect not selected. \$60,000.

BRISTOL, CONN.—A. R. Ellis, Architect, 36 Pearl Street, Hartford, will build three story, 32 x 190 ft., brick and mill construction factory. \$50,000.

HARTFORD, CONN.—Chamber of Commerce, 252 Asylum Street, is back of project to build community industrial building to house smaller industries who cannot secure funds to build themselves. S. Ferguson, Chairman. \$150,000.

HARTFORD, CONN.—Connecticut Trust & Safe Deposit Co., 777 Main Street, plans to erect bank and office building, on Main Street and Central Row. Architect not selected. \$750,000.

HARTFORD, CONN.—Mutual Bank & Trust Co., 18 Asylum Street, plans to build two story, brick and marble bank, on Pearl Street. I. A. Allen, Jr., 904 Main Street, Architect. \$100,000.

JEWETT CITY, CONN.—Fletcher-Thompson, Inc., Engineers, 1089 Broad Street, Bridgeport, will build one story, 60 x 100 ft., bleach house; one story, 24 x 24 ft., mill, and one story, 20 x 24 ft., office, brick and mill construction, for Jewett City Textile Novelty Co. \$30,000.

MANCHESTER, CONN.—T. C. Hardie, 72 Riss Street, Hartford, is having plans prepared by F. C. Walz, Architect, 348 Trumbull Street, Hartford, for three story, brick, concrete and steel, business building, on Main and North School Streets, here. \$50,000.

MANCHESTER, CONN.—Town plans to build brick, concrete and steel fire house, on Main and Hillside Streets. Address J. F. Limerick, 75 Main Street. Architect not selected. \$50,000.

MIDDLETOWN, CONN.—Middletown Housing Association, 303 Main Street, plans to build one hundred and fifty one and two story workmen's houses on various streets. E. B. Caldwell, Jr., 886 Main Street, Bridgeport, Architect. \$700,000.

NEW BRITAIN, CONN.—Landers, Fray & Clark, Commercial and Center Streets, let contract for building one story, 50 x 100 ft., brick and mill construction, factory, on Center Street, to Ellison Construction Co., 120 Wellington Avenue, Hartford.

NEW BRITAIN, CONN.—Tanlin Mfg. Co., 65 Arch Street, let contract for building two story, 50 x 90 ft., brick factory, to R. H. Hibbard Co., 140 Main Street. \$30,000.

NEW HAVEN, CONN.—S. N. E. Telephone Co., 114 Court Street, let contract for building three story brick and steel storehouse, on Liberty Street, to D. G. Carmichael, 902 Chapel Street. \$35,000.

NEW HAVEN, CONN.—F. E. Fowler Co., 238 State Street, is having plans prepared by F. F. Townsend, Architect, 185 Church Street, for altering and building two story, brick and steel addition to present plant, on State and Crown Streets. \$60,000.

NEW HAVEN, CONN.—R. Williams, Architect, 185 Church Street, has plans for building brick and stone church, on Elm Street, for First Baptist Congregation. \$60,000.

NEW LONDON, CONN.—J. Lawrence Hospital, Ocean Avenue, will erect three story, 40 x 90 ft., brick, hospital. Kendall, Taylor & Co., 93 Federal Street, Boston, Engineers. \$100,000.

WATERBURY, CONN.—M. Joseloff, 17 Brown Place, let contract for constructing three story, 50 x 132 ft., fireproof warehouse and grocery building on South Leonard Street, to Tracy Bros. Co., 52 Benedict St. \$75,000.

FLORIDA

JACKSONVILLE, FLA.—Commodore Point Terminal Co., 1949 East Adams Street, will build frame and concrete warehouse, on River, between Duval and Beaver Streets. \$30,000.

JACKSONVILLE, FLA.—Virginia Chemical Co., 11 South Twelfth Street, Richmond, Va., let contract for building 46 x 240 ft. factory, on Mills Street, to Huggen Bros., Bell Building, Montgomery. \$250,000.

IDAHO

NAMPA, IDAHO.—Colorado Milling & Elevator Co., 1441 Seventh Street, Denver, Colo., is having tentative plans prepared for 400-barrel capacity flour mill and 65,000-bushel grain elevator, here; probably concrete. O. Knoche, Local Manager.

ILLINOIS

CHICAGO, ILL.—Columbian Bank Note Co., 1104 South Wabash Avenue, let contract for building three story, 75 x 125 ft., reinforced concrete printing plant at 500-506 South Ashland Avenue to Schmidt Bros. Construction Co., 105 North Clark Street. \$75,000.

CHICAGO, ILL.—Granet & Rothschild, 323 West Jackson Boulevard, let contract for building two story, 50 x 120 ft., brick and timber factory at 2422 South Crawford Avenue to J. Rodatz, 209 South La Salle Street. \$25,000.

CHICAGO, ILL.—W. Wrigley, Jr., Co., 5 North Wabash Avenue, let contract for eight story, 80 x 343 ft., reinforced concrete warehouse on Ashland Avenue and Thirty-sixth Street to E. W. Spronk Co., 2001 West Thirty-ninth Street. \$600,000.

CHICAGO, ILL.—C. A. Eckstrom, Architect, 5 North La Salle Street, proposes building six story, 220 x 400 ft., reinforced concrete warehouse, on North Pier for Chicago Dock & Canal Co., care of Architect. \$500,000.

CHICAGO, ILL.—Anchor Leather Co., Division and Hickory Streets, will build three story, 104 x 148 ft., mill construction factory, and one story boiler house. \$65,000.

CHICAGO, ILL.—I. Clemensen Co., 2607 Flourney Street, let contract for three story, 80 x 195 ft., reinforced-concrete factory, at 3401 Potomac Avenue, to R. F. Wilson & Co., 1851 Elston Avenue. \$200,000.

CHICAGO, ILL.—Western Felt Works, 4115 Ogden Avenue, let contract for three story, 95 x 140 ft., factory; three story, 100 x 115 ft., warehouse, and two story, 95 x 140 ft., factory, reinforced-concrete, at 4045 Ogden Avenue to Scown Building Co., 36 West Randolph Street. \$200,000.

CHICAGO, ILL.—A. P. Dippold, Architect, 4747 Cottage Grove Avenue, will erect one story, 100 x 250 ft. brick and timber garage, at 5547 Harner Avenue, for E. C. Leonard, care architect. \$90,000.

INDIANA

FOUNTAIN TOWN, IND.—Hungate Wholesale Co. plans to build canning factory. W. J. Hungate, president. \$90,000.

INDIANAPOLIS, IND.—Van Briggle Motor Drive Co., 429 North Capital Avenue, plans to build three story, 108 x 208 ft., reinforced

concrete factory. C. F. Bacon, 617 Merchants Bank Building, Architect. \$75,000.

KOKOMO, IND.—Haynes Automobile Co., 1108 South Main Street, let contract for building four story, 120 x 800 ft., plant, to M. J. Hoffman Construction Co., Furniture Building, Evansville. \$450,000.

IOWA

CLINTON, IOWA.—A. H. Paddock, secretary Board of Education, will build two story, 206 x 226 ft., brick, stone and terra cotta school, to include chemistry room, offices, library, heating plant, swimming pool, etc. Miller, Fullenwider & Dowling, 6 North Michigan Avenue, Chicago, Architects. \$300,000.

SIoux CITY, IOWA.—Lutheran Hospital will build three story, 39 x 110 ft., reinforced concrete and brick administration building. Beuttler & Arnold, 230 Grain Exchange, Architects. \$80,000.

KANSAS

ARKANSAS CITY, KAN.—City will vote on \$100,000 bonds to build memorial hall. W. L. McAtee, Arkansas City, Architect.

ATCHISON, KAN.—City voted \$125,000 bonds to build and improve schools. W. H. Saylor & Co., 300 Reliance Building, Kansas City, Mo., Architects.

GIRARD, KAN.—Crawford County plans to build three story Courthouse and jail here. Tonini & Bramblett, 417 Terminal Building, Oklahoma, Okla., Architects. \$300,000.

PITTSBURG, KAN.—Board of Education plans vote on \$275,000 bonds to build school.

KENTUCKY

LOUISVILLE, KY.—American Storage Warehouse Co., Louisville Trust Bldg., plans to build warehouse. B. B. Davis, Starks Building, Architect. \$400,000.

MAINE

SANFORD, ME.—Sanford Mills, care of Lockwood-Greene Co., Architects, 101 Park Avenue, New York City, are having plans prepared for two one story reinforced concrete and steel dyehouses. \$200,000.

MARYLAND

BALTIMORE, MD.—Canton Air Brake Co., 563 Calvert Building, is having plans prepared by R. Schoenewetter, engineer, care company, and C. A. Zarobsky, engineer, 563 Calvert Building, for first unit of plant, consisting of two story, 60 x 200 ft., reinforced concrete machine shop, on Wilkens Avenue. \$80,000.

BALTIMORE, MD.—H. Corry and M. Goldstein, 145 West Hamburg Street, plan to build one story, 46 x 155 ft., concrete and brick garage on Race and Cross Streets. J. C. Spedden, 2715 Harlem Avenue, Architect. \$50,000.

SOUTH BALTIMORE, MD.—Standard Guano Co., 1214 Continental Building, Baltimore, will build two story, 104 x 400 ft., reinforced-concrete and steel, fertilizer factory, on Aspen Street, near Pennington Avenue. \$96,000.

SYKESVILLE, MD.—Melville Woolen Co. let contract for rebuilding concrete and steel mill to Consolidated Engineering Co., 243 Calvert Building, Baltimore. \$35,000.

WESTMINSTER, MD.—Klee & Hoff let contract for building two story, 60 x 198 ft., reinforced-concrete and brick garage, to J. F. Roystone Engineering Co., Westminster. \$60,000.

MASSACHUSETTS

BOSTON, MASS.—Noyes Buick Co., 17 Lawton Street, is having plans prepared by A. H.



Union Station,
Richmond, Va.

Architect:
John Russell Pope

Equipped with:

- 2—Otis Electric Drum
Type Passenger Ele-
vators, Car Switch
Control.
- 1—Otis Hand Power
Freight Lift.
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Dumbwaiters.
- 1—Otis Brass Tube Check
Lift.
- 1—Otis Gravity Spiral
Conveyor, Single Spiral
Type.

New Union Station at Richmond, Va., Is Equipped with Otis Elevators

It is significant that architects who design out-of-the-ordinary structures—buildings in which utility, operating economy and beauty of appearance are combined to a high degree—almost invariably specify Otis Elevators.

This is not a new tendency with them; it has been their custom for many years—a custom born of the conviction that Otis Elevators assure them and their clients of the greatest possible protection and satisfaction.

One of the latest demonstrations of this confidence in Otis quality is found in the elevator equipment of the new Union Passenger Station at Richmond, Va.—which is Otis throughout.

This handsome structure has every imaginable convenience and stands as a striking example of modern architectural genius and good taste. That it is fitted with Otis Elevators indicates that in the selection of equipment, as in all other phases of design and construction, it was the sole aim to insure the highest return in quality and efficiency.

OTIS ELEVATOR COMPANY

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Bowditch, 44 Broomfield Street, for superstructure of five story, 200 x 375 ft., reinforced concrete storage and sales building on Commonwealth Street.

BOSTON, MASS.—Boston Buick Co., 97 Massachusetts Avenue, let contract for two story, 83 x 300 ft., reinforced concrete and steel storage building and garage on Babcock and Commonwealth Avenues to Ewart Construction Co., 161 Devonshire Street.

BOSTON, MASS.—W. D. Young & Co., 10 Washington Street, let contract for building five story, 80 x 128 ft., reinforced concrete warehouse and sales house on Babcock and Commonwealth Avenues to W. Bailey Co., 88 Broad Street, \$225,000.

FITCHBURG, MASS.—Crocker, Burbank & Co., Inc., 545 Westminster Street, propose building two story, 60 x 200 ft., brick and steel addition to factory on Westminster Street. \$100,000.

HOLYOKE, MASS.—G. Haarmann & Co., Inc., Commerce Street, plans to build new plant. Architect not selected. \$60,000.

NEW BEDFORD, MASS.—National Sponge Silk Co., care of Lockwood-Greene Co., Architects, 101 Park Avenue, New York City, is having plans prepared for building four story, 120 x 400 ft., reinforced concrete and steel factory. \$750,000.

SPRINGFIELD, MASS.—Grace Episcopal Congregation, 9 Kensington Avenue, plans to build two story, brick, parish house, on Springfield and South Streets. Address G. M. Burgess, Pastor. Architect not selected. \$50,000.

TAUNTON, MASS.—Robertson Motor Car Co., School Street, let contract for building three story, 110 x 110 ft., reinforced-concrete auto service station, on Trescott Street, to J. A. Glenn, 15 Trescott Street. \$100,000.

WORCESTER, MASS.—Walden-Worcester, Inc., 72 Commercial Street, will build four story, 56 x 400 ft., brick factory on Shrewsbury Street. \$200,000.

MICHIGAN

DETROIT, MICH.—General Motors Corporation, Boyer Building, let contract for building one story, 360 x 600 ft., differential shop, and two story, 30 x 360 ft., office, concrete, brick and steel, monitor type, to W. E. Wood Co., 1805 Ford Building.

DETROIT, MICH.—A. Harvey Sons Mfg. Co., Woodbridge Street, proposes building six story, 44 x 67 ft., reinforced concrete warehouse on Woodbridge and Front Streets. Smith, Hinchman & Grylls, 710 Washington Arcade, Architects.

DETROIT, MICH.—Maxwell Motor Co., Woodward and Warren Avenues, let contract for building one story, 101 x 157 ft., concrete and steel assembling plant to Hazleton & Clark Co., Book Building.

HIGHLAND PARK MICH.—(Detroit P. O.),—Ford Motor Co. let contract for building four story, 80 x 260 ft., reinforced concrete, brick and steel service station and garage on Woodward Avenue to Bryant & Detwiler, 2336 Dime Bank Building.

KALAMAZOO, MICH.—Western Board & Paper Co. is preparing plans for three story, 60 x 218 ft., concrete and steel stock house.

LANSING, MICH.—City will vote on \$350,000 bonds to build extensions to electric light plant.

PONTIAC, MICH.—Pontiac Spring Co., Branch Street, is receiving bids for one story, 100 x 186 ft., factory and 63 x 87 ft., office, concrete, brick and steel. \$75,000.

MINNESOTA

DULUTH, MINN.—F. H. Fitzgerald, Architect, 1402 Alworth Building, has plans for building three story, 75 x 100 ft., brick and terra cotta, garage and salesroom, on Superior Street and Fifth Avenue, E., for Pioneer Automobile Co., 328 East Superior Street. \$60,000.

EAST GRAND FORKS, MINN.—Board of Education proposes building concrete and brick grade school, \$50,000; concrete high school, \$150,000. B. D. Keck, First National Bank Building, Grand Forks, N. D., Architect.

MINNEAPOLIS, MINN.—Board of Education will build two story, 60 x 194 ft., reinforced concrete school on Nineteenth Avenue, N. E., and Pierce Street, to be known as Whitney School. E. H. Enger, 305 City Hall, Architect. \$75,000.

MINNEAPOLIS, MINN.—United States Cereal Co., 316 Corn Exchange, proposes building six story, 60 x 160 ft., reinforced concrete and brick flour mill on California and Twenty-second Streets, N. E. C. W. Lundquist, 712 Fifteenth Avenue N. E., Architect. \$500,000.

MINNEAPOLIS, MINN.—J. W. Cohen, 238 Plymouth Building, will erect four story, 66 x 112 ft., reinforced-concrete, warehouse, on Third Street and First Avenue, N. Buchner & Orth, 500 Schubert Building, St. Paul, Architects. \$75,000.

MOUNTAIN LAKE, MINN.—City is having plans prepared by Jacobson & Jacobson, Architects, Owatonna, for three story reinforced concrete and brick community hospital. F. Tustison, 355 Auditorium Building, Minneapolis, engineer. \$75,000.

ST. PAUL, MINN.—Zinsmaster-Smith Co., Twenty-ninth Avenue, W., and Superior Street, Duluth, are receiving bids for three story, 125 x 160 ft., reinforced-concrete and brick bakery, on Park and Sherburne Avenues. \$130,000.

WELLS, MINN.—City will build power plant. G. L. Pillsbury Co., 801 Metropolitan Life Building, Minneapolis, engineers. \$75,000.

MISSOURI

ST. LOUIS, MO.—St. Mark's Lutheran Congregation plans to build one story, 60 x 90 ft., brick and stone, church, on Forest Street and Clayton Avenue. W. E. Wheeler, 4908 Euclid Terrace, Pastor. Architect not selected. \$55,000.

ST. LOUIS, MO.—Board of Directors of Washington University Corporation, Skinker and Lindell Streets, is considering plans to build three two story, concrete and brick, schools on campus. \$1,000,000.

SPRINGFIELD, MO.—J. Landers, Landers Building, is having plans prepared by Heckel & Mark, Architects, Landers Building, for eight story, 100 x 130 ft., reinforced-concrete and brick addition. \$90,000.

MONTANA

DEER LODGE, MONT.—Powell County will vote on \$100,000 bonds to build new courthouse.

DEER LODGE, MONT.—City Council plans to construct municipal building. \$300,000.

HAVRE, MONT.—St. Jude Thaddeus Church plans campaign to raise \$100,000 to build church.

LEWISTOWN, MONT.—Fergus County will vote \$150,000 bonds to build second unit of high school.

LEWISTOWN, MONT.—Board of Education is having plans prepared by Link & Haire, Architects, 317 Electric Building, Billings, for high school. \$300,000.

NEBRASKA

OMAHA, NEB.—Burgess-Nash Co., Sixteenth and Harney Streets, had preliminary plans prepared by G. B. Prinz, Architect, 1037 Omaha National Bank Building, for eight story stores, 88 x 152 ft., on Seventeenth and Harney Streets. \$600,000.

SUPERIOR, NEB.—School Board is having plans prepared by E. Davis, Architect, Lincoln Building, for two story brick school. P. Johnson, President. \$100,000.

NEW JERSEY

MATAWAN, N. J.—Lockwood, Green & Co., Architects, 101 Park Avenue, New York City, will build two one story, 42 x 115 and 42 x 152 ft., reinforced-concrete and steel, factories, for A. P. Munning, care architects. \$35,000.

NEW MEXICO

ALBUQUERQUE, N. M.—Board of Regents, University of New Mexico, will build one story, 107 x 112 ft., machine shop.

NEW YORK

ADAMS, N. Y.—Citizens National Bank proposes remodeling and enlarging present building, concrete and brick. Address Citizens National Bank, Adams. D. D. Kieff, Flower Building, Watertown, Architect. \$60,000.

ALBANY, N. Y.—G. H. Thacher, Thacher and Learned Streets, will erect machine shop and foundry, on Learned Street. \$50,000.

AMSTERDAM, N. Y.—McCleary, Wallin & Crouse, 57 Lyon Street, let contract for constructing three story, 135 x 325 ft., main building, with two two-story 50 x 60 ft. and

50 x 125 ft. additions, and one story 130 x 150 ft., picker house, mill construction, to J. W. Bishop Co., 11 Foster Street, Worcester, Mass. \$500,000.

ATTICA, N. Y.—J. A. Berk, Vermillion, Ohio, purchased Attica Mills, on Main Street, here, and plans to alter and enlarge plant, mill construction. \$35,000.

BROOKLYN, N. Y.—Zipkes, Wolff & Kudroff, Architects, 25 West Forty-second Street, is preparing plans for two story, 100 x 125 ft., brick, steel and mill construction, factory, on North Portland Avenue. \$75,000.

BROOKLYN, N. Y.—M. Whinston, Architect, 63 Park Row, New York City, has plans to build two story, 50 x 92 ft., brick, stone and steel, synagogue, on Vermont Avenue, near Sutter Avenue, for Congregation Sechoi Thoras Moses, 360 Vermont Avenue. J. Goldberg, President. \$60,000.

BROOKLYN, N. Y.—T. De Lisi and O. Sacchitti, 966 Atlantic Avenue, will build two story, 60 x 100 ft., brick and steel garage, on Atlantic and Grand Avenue. \$25,000.

BROOKLYN, N. Y.—Hills Bros., 375 Washington Street, New York City, let contract for building six story factory, with 36 x 40 ft. and 20 x 36 ft. wings, on Sedgwick Street, to Turner Construction Co., 244 Madison Avenue, New York City.

BROOKLYN, N. Y.—Montrose Garage, Inc., care M. Weinstein, Architects, 32 Court Street, will build one story, 75 x 100 ft., brick and steel garage, on Franklin and Willoughby Avenues. \$25,000.

BROOKLYN, N. Y.—Pathe Freres, Grand Avenue, let contract for building seven story, 90 x 100 ft., brick, steel and reinforced-concrete addition to factory, to White Fireproofing Construction Co., 95 Madison Avenue, New York City.

BUFFALO, N. Y.—Wheat Ice Cream Co., 235 Elm Street, proposes building two story, 92 x 150 ft., reinforced-concrete garage, on Elm Street.

BUFFALO, N. Y.—Rogers-Brown Iron Co., Erie County Bank Building, will build one and two story, 66 x 262 ft., reinforced-concrete, machine shop, on Hamburg Turnpike. \$75,000.

BUFFALO, N. Y.—Quayle Garage Co., Main and Rodney Streets, proposes erecting brick garage. \$40,000.

BUFFALO, N. Y.—G. M. Wolfe, Architect, 131 Norwalk Avenue, proposes building seven story, 75 x 150 ft., reinforced-concrete, warehouse, on Main Street, for Cold Springs Storage Co., Main Street. \$300,000.

BUFFALO, N. Y.—Lansing, Bley & Lyman, Architects, Delaware Avenue, has prepared plans for one story, 60 x 87 ft., brick, reinforced-concrete and steel church, on Southampton Street, for Emmons Lutheran Congregation. E. A. Mueller, Pastor. \$75,000.

BUFFALO, N. Y.—Lansing, Bley & Lyman, Architects, Delaware Avenue, have planned on building two story, 104 x 217 ft. and 104 x 140 ft., reinforced-concrete, office building, on Delaware Avenue, for W. K. Jackson, Buffalo. \$225,000.

CARTHAGE, N. Y.—C. J. Reeder, H. I. Starkweather, C. H. Lovejoy, F. P. Wilder and others, all of Carthage, plans to incorporate and build brick garage. Address H. I. Starkweather, 16 Front Street. \$40,000.

MECHANICSVILLE, N. Y.—Board of Education is receiving competitive plans for sixteen room school, on Main Street.

NEW YORK, N. Y.—Metropolitan Life Insurance Co., 1 Madison Avenue, is having plans prepared by D. E. Waid, Architect, 1 Madison Avenue, for sixteen story, 75 x 150 ft., brick, stone and steel, auditorium and office, at 11-15 Madison Avenue. \$800,000.

NEW YORK, N. Y.—D. M. Linard Co., care Warren & Wetmore, Architects, 16 East Forty-seventh Street, is having plans prepared for 180 x 200 ft., brick, stone and steel, hotel, on Park Avenue and Fifty-first Street. \$7,500,000.

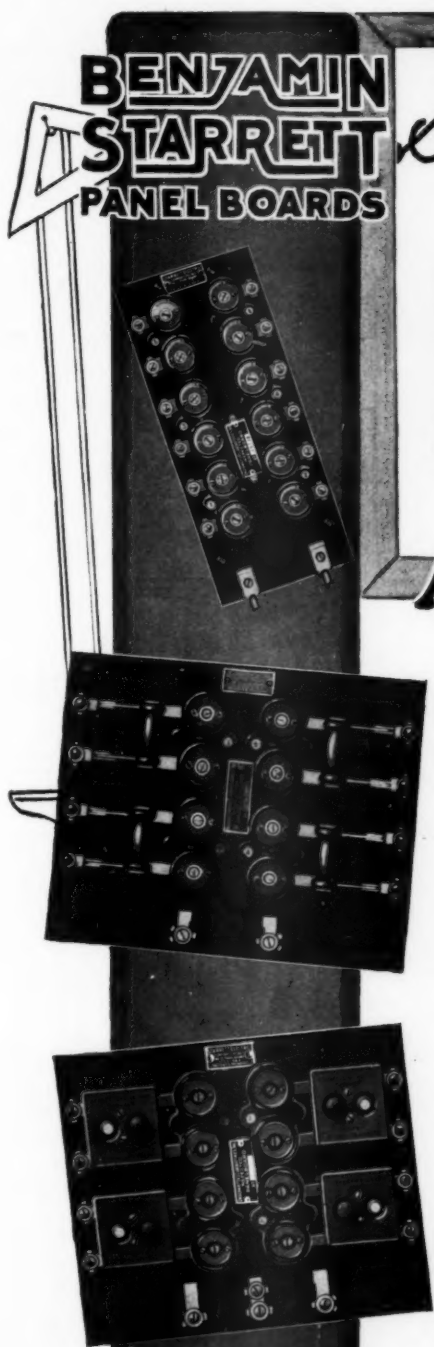
NEW YORK, N. Y.—Plaza Theater, Fifty-ninth Street and Madison Avenue, is having plans prepared by T. W. Lamb, Architect, 644 Eighth Avenue, for two story, 40 x 60 ft., brick and steel addition. \$50,000.

NEW YORK, N. Y.—H. O. Chapman, Architect, 334 Fifth Avenue, has plans for seven story, 130 x 200 ft., brick and steel factory, at 543-545 West Forty-third Street, for Park & Tilford, 529 West Forty-second Street.

NORTH CAROLINA

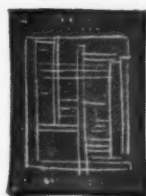
GASTONIA, N. C.—C. L. Craig plans to build two story, 50 x 200 ft., brick garage on Airlie Avenue. C. C. Wilson, 804 Palmetto Building, Columbia, S. C., Architect.

RALEIGH, N. C.—International Vegetable Oil Co. plans to build addition to oil plant here. \$30,000.



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NORTH DAKOTA

MANDAN, N. D.—Western Auto Co. soon expects to build one story brick garage. Black & Griffin, Mandan, engineers. \$40,000.

ROLLA, N. D.—Rolla Masonic Lodge plans to build three story, 43 x 74 ft., brick temple. J. A. Shannon, Jamestown, Architect. \$50,000.

OHIO

AKRON, OHIO.—J. A. Rohner Paper Co., 803 South High Street, let contract for building three story, 50 x 163 ft., steel and brick warehouse, on South High Street, to C. Rablin, 201 Cross Street. \$50,000.

CLEVELAND, OHIO.—Nickel Plate Foundry Co., 1834 Charles Road, let contract for building one story, 96 x 160 ft., concrete, steel and brick foundry, on Woodworth and Colt Roads, to A. A. Lane Construction Co., 1836 Euclid Avenue. \$40,000.

CLEVELAND, OHIO.—Columbia Steel & Shafting Co., Engineers' Building, let contract for building one story, 147 x 157 ft., reinforced-concrete, steel and brick warehouse and office, 1224 East Fifty-fifth Street, to Hunkin Conkey Co., 600 Century Building. \$100,000.

CLEVELAND, OHIO.—Euclid Chester Co., Guardian Building, plans to build two story, 100 x 112 ft., reinforced-concrete, steel and brick warehouse, at 2900 Chester Avenue. Architect not selected. \$100,000.

CLEVELAND, OHIO.—Foster Bolt & Nut Mfg. Co., 3556 East Seventy-second Street, is preparing plans for two story, 77 x 125 ft., steel and brick warehouse. \$40,000.

CLEVELAND, OHIO.—Grabler Mfg. Co., 6565 Broadway Avenue, plans to build four story, 89 x 110 ft., concrete, steel and brick addition to machine shop. Architect not selected. \$80,000.

CLEVELAND, OHIO.—Wheeler Radiator Mfg. Co., 1637 Collamer Road, plans to build four story, 100 x 250 ft., concrete, steel and brick addition to factory. Architect not selected. \$250,000.

COLUMBUS, OHIO.—D. L. Auld Co., 195 East Long Street, plans to build two story, 45 x 390 ft. brick factory with 90 ft. wing, on Fifth Street and Fifth Avenue. C. W. Bellows, 69 Ruggery Building, Architect. \$60,000.

COLUMBUS, OHIO.—G. Bobbs & Sons Co., Main and Pearl Streets, plans to construct three or four story, 93 x 187 ft., wholesale grocery building. \$160,000.

COLUMBUS, OHIO.—Marietta Paint & Color Co., 62 East Chestnut Street, plans to build two story, 38 x 187½ ft., concrete and brick, warehouse, on East Chestnut Street. Architect not selected. \$67,000.

DAYTON, OHIO.—Union Storage Co., East State Street, let contract for five story, 78 x 100 ft., reinforced-concrete, warehouse to Frank Hill Smith Co., Inc., East Third Street. \$74,000.

DAYTON, OHIO.—Master Tire & Rubber Co., 706 Schwind Building, plans to build plant. \$100,000.

DAYTON, OHIO.—Mitchell Sales Co. plans to build two story, 80 x 176 ft., reinforced-concrete, garage and salesroom, on Main and Riverdale Streets. Architect not selected. \$35,000.

SPRINGFIELD, OHIO.—Ohio Steel Foundry Co., Lagonda Avenue and Gothic Street, plans to construct one story, 60 x 70 ft., reinforced-concrete and steel, welding building and garage and one story, 60 x 80 ft., reinforced-concrete, laboratory and research building. \$25,000.

SPRINGFIELD, OHIO.—Superior Gas Engine Co., care of P. S. Shouvin, president, Sheridan Avenue, plans to build two story, 60 x 150 ft., reinforced concrete machine shop; one story, 110 x 280 ft., steel foundry, and one story, 95 x 160 ft., reinforced concrete storage house on Sheridan Avenue. \$150,000.

OKLAHOMA

OKLAHOMA, OKLA.—Hawk & Parr, Architects, 501 Security Building, will build ten story, 60 x 90 ft., steel bank, reinforced-concrete flooring, on Main and Broad Streets, for Tradesmen's State Bank, 105 West Main Street. \$300,000.

TULSA, OKLA.—S. G. Kennedy, 1029 Kennedy Building, is having plans prepared by A. J. Black & Son, Architects and Engineers, Tulsa, for two story, brick, club. \$75,000.

OREGON

ALBANY, ORE.—D. E. Nebbergall Meat Co. plans to rebuild meat packing plant, recently destroyed by fire. R. O. Bushong, Secretary. \$40,000.

LINNTON, ORE.—Associated Oil Co., Pittock Block, Portland, is having plans prepared for concrete garage, 125 x 210 ft., reinforced-concrete warehouse, and steel building and bunkhouse and group of cottages, here. A. D. Parker, Manager. \$250,000.

PENNSYLVANIA

ALTOONA, PA.—Altoona Baking Co., 200 Chestnut Avenue, let contract for two story, 118 x 120 ft., steel and concrete bakery, on Ninth Avenue and Twenty-eighth Street, to Jones & Laughlin, Ross Street, Pittsburgh.

BLAIRSVILLE, PA.—F. McC. Crooks, Architect, Jones Building, Pittsburgh, Pa., has plans for Western State Hospital for the Insane in Blairsville.

CARLISLE, PA.—Lockwood, Greene & Co., Architects, 101 Park Avenue, New York City, will build 200 x 475 ft., reinforced-concrete and steel, carpet factory, for C. H. Masland & Sons, care architect. \$750,000.

PHILADELPHIA, PA.—F. F. Hahn, Architect, 112 Chestnut Street, will build one story, 74 x 154 ft., brick garage for M. Halsfield, Huntington Park Avenue and Broad Street.

PITTSBURGH, PA.—Campbell-Neidringhaus Tire Serv. Co., Baum Boulevard and St. Clair Street, plans to build two story, 75 x 100 ft., reinforced concrete and steel garage and sales building on Baum Boulevard. Architect not selected. \$75,000.

WEST PHILADELPHIA, PA. (Philadelphia P. O.)—Custer & Gill, Architects 304 Market Street, Camden, N. J., are receiving bids for six story, 80 x 150 ft., storage warehouse. \$50,000.

RHODE ISLAND

CENTRAL FALLS, R. I. (Pawtucket P. O.)—Pennsylvania Silk Mills, Fourth Avenue, New York City, let contract for brick and timber mill, on Mill Street, to A. F. Smiley, Oak Hall Building, Pawtucket. \$125,000.

PAWTUCKET, R. I.—Lorraine Mfg. Co., Mineral Spring Avenue, let contract for fireproof dye house and bleachery, to O. D. Purington & Co., 624 Industrial Trust Building, Providence. \$400,000.

PROVIDENCE, R. I.—Atlantic Mills, Equitable Building, Boston, let contract for building three story, 46 x 98 ft., brick and steel power house, on Mantion Avenue, to O. D. Purington & Co., 624 Industrial Trust Building. \$25,000.

THORNTON, R. I.—Hoppin & Field, Architects, 32 Westminster Street, Providence, have plans for building two story, 80 x 151 ft., fireproof school, reinforced-concrete flooring, here, for Johnston Township. \$120,000.

SOUTH DAKOTA

FREEMAN, S. D.—Freeman Mennonite College plans to build three story college. A. J. Regler, President. \$100,000.

TYNDALL, S. D.—Security Bank proposes building one story, 40 x 70 ft., brick and stone, bank. A. Moorman & Co., 501 Minnesota Building, St. Paul, Minn., Engineers and Architects. \$50,000.

TEXAS

CAMERON, TEX.—Board of Education plans to build two story school. C. H. Page & Bro., Austin National Bank Building, Austin, Architects. \$100,000.

HAILETSVILLE, TEX.—School Board proposes building one story school. C. H. Page & Bro., Austin National Bank Building, Austin, Architects. \$65,000.

HOUSTON, TEX.—City plans to build high school. \$120,000.

HOUSTON, TEX.—City voted \$600,000 bonds to build schools.

HOUSTON, TEX.—Board of Education is having plans prepared by Sanguinet Staats & Gottlieb, Architects, 618 Carter Building, for Central High School, on site of recently demolished school. \$500,000.

HOUSTON, TEX.—Magnolia Coffee Co., Liberty and Bremmond Streets, plans to build five story, reinforced concrete factory and warehouse on Liberty and Maffitt Streets. Finger & Bailey, 601 Kress Building, Architects. \$75,000.

PARIS, TEX.—Rodgers-Wade Co., Nineteenth and Bonham Streets, plans to build mattress factory. \$30,000.

VICTORIA, TEX.—Levy Bank & Trust Co. plans to build two story bank. C. H. Page & Bro., Austin National Bank Building, Austin, Architects. \$70,000.

UTAH

OGDEN, UTAH.—Ogden Labor Temple Association, Inc., plans to build temple. \$150,000.

VIRGINIA

DANVILLE, VA.—Willingham & Co. let contract for building two story, 81 x 192 ft., brick and timber plant, on Linn Street, to T. C. Thompson, Charlotte, N. C. \$35,000.

WASHINGTON

RAYMOND, WASH.—E. W. Houghton, Architect, 630 Lumber Exchange Building, Seattle, is preparing plans for 50 x 145 ft., pressed brick, tile and terra cotta, theater. \$60,000.

VANCOUVER, WASH.—Heusner Co. plans to build bakery, concrete and brick. \$25,000.

WEST VIRGINIA

HUNTINGTON, W. VA.—E. E. and H. D. Brinker plan to build three story (ultimately seven story) brick and reinforced concrete storage plant on Seventh Avenue. \$80,000.

LOGAN, W. VA.—Armour & Co., Logan, propose building pickling plant on Main Street. R. C. Clark, Union Stock Yards, Chicago, Ill., Architect. \$150,000.

WISCONSIN

CARROLLVILLE, WIS. (Otjen P. O.)—H. J. Esser, Architect, Camp Building, Milwaukee, will build two story, 67 x 219 ft., and three story, 50 x 50 ft., reinforced concrete and brick fertilizing plant for U. S. Fertilizer Co., care of U. S. Glue Co., Otjen. \$100,000.

CLINTONVILLE, WIS.—Clintonville Car Co., care of F. Spearbraker, will build one story, 60 x 110 ft., reinforced concrete and brick garage on Main Street. Foeller & Schober, 123 North Washington Street, Green Bay, Architects. \$50,000.

FT. ATKINSON, WIS.—Creamery Package Co., Ft. Atkinson Building, let contract for building five story, 90 x 207 ft., reinforced concrete and brick factory to Raulf Co., 428 Grand Avenue, Milwaukee. \$200,000.

MANITOWOC, WIS.—Manitowoc Seed Co., 1009 Main Street, let contract for building two story, 60 x 150 ft., brick, steel and reinforced concrete warehouse on Eighth Street to Blake Construction Co., 627 South River Street, Appleton. \$40,000.

MANITOWOC, WIS.—Tinsel Mfg. Co., Sixteenth and Hamilton Streets, let contract for building three story, 60 x 100 ft., brick, steel and reinforced concrete factory to E. R. Herman, Manitowoc. \$80,000.

MILWAUKEE, WIS.—Lincoln Motor Car Co., 820 Third Street, let contract for building two story, 60 x 108 ft., reinforced concrete and brick garage on Third and Clark Streets to P. Riesen & Sons, 1018 Humboldt Avenue. \$40,000.

MILWAUKEE, WIS.—Briggs & Stratton Co., 1047 Louis Street, proposes building five story, 60 x 170 ft., factory, with 21 x 70 ft. wing, reinforced concrete and brick, at 1047 Louis Avenue. H. J. Esser, Camp Building, Architect. \$200,000.

MILWAUKEE, WIS.—Milwaukee Milk Producers' Association, 425 East Water Street, plans to build reinforced concrete and brick depot. Architect not selected. \$50,000.

SHEBOYGAN, WIS.—Haack Motor Co., care of C. Haack, plans to build two story, 45 x 120 ft., reinforced concrete and brick garage on Indiana Avenue. Architect not selected. \$60,000.

SHEBOYGAN, WIS.—Sheboygan Upholstering Co., care of O. Mahnke, 1634 Georgia Avenue, plans to build three story, 60 x 110 ft., brick, reinforced concrete and steel factory at Lyman's addition, C. Grasse, 1543 South Eleventh Street, Architect. \$30,000.

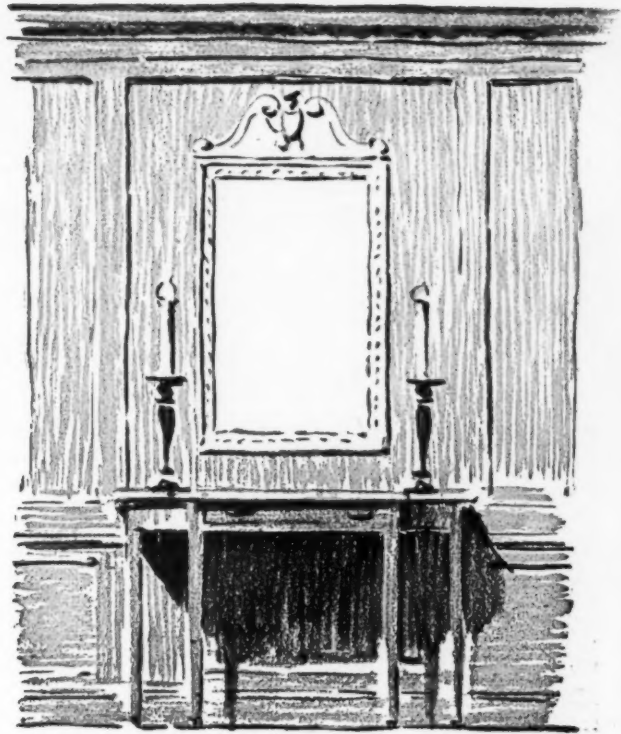
SHEBOYGAN, WIS.—Columbia Shoe Co., care of C. Wolf, 1525 North Tenth Street, let contract for building two story, 70 x 110 ft., brick factory on Tenth Street to C. Ackerman Sons, Sheboygan. \$30,000.

WYOMING

LARAMIE, WYO.—Midwest Oil & Refining Co. plans to build oil refinery here of 5000 barrel capacity.

THERMOPOLIS, WYO.—Hot Springs County will vote on \$50,000 bonds to build county high school. W. A. Woodrow, County Clerk, Architect not selected.

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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

ANNISTON, ALA.—City plans to issue \$100,000 bonds to improve and build additions to schools.

BIRMINGHAM, ALA.—W. L. Welton, Architect, American Trust Building, will design about July 15 building auditorium for Walker Memorial Methodist Church. \$50,000.

BIRMINGHAM, ALA.—Lincoln Reserve Life Insurance Co., Jefferson County Bank Building, purchased 50 x 100 ft. site, on Fourth Avenue and Twenty-second Street, and plans to build fireproof office. Architect not selected. \$100,000.

CALIFORNIA

SACRAMENTO, CAL.—Weeks & Day, San Francisco, have designed an eighteen story bank and office building, to be occupied by the Sacramento National Bank and the Fort Sutter National Bank. J. M. Henderson is president of both. \$10,000,000.

SAN DIEGO, CAL.—A palatial resort hotel is to be built under the management of D. M. Linnard and will probably be located on the crest of Point Loma.

CONNECTICUT

BRIDGEPORT, CONN.—E. E. Benedict, Architect, 51 Leavenworth Street, Waterbury, proposes building two story, 60 x 80 ft., concrete church, on Colorado Avenue, for Swedish Baptist Congregation, Colorado Ave. \$50,000.

BRISTOL, CONN.—New Departure Mfg. Corp., 269 North Main Street, is having plans prepared by W. E. Hunt, Architect, 182 South Main Street, Torrington, for six story, 75 x 157 ft., brick hotel, on North Main Street. \$200,000.

HARTFORD, CONN.—F. W. Parsons, Architect, 1133 Broadway, New York City, will design one story, 60 x 95 ft., brick church, on Albany Avenue, for North Methodist Congregation, Albany and Woodland Streets, to include auditorium, gymnasium, bowling alleys. \$80,000.

MANCHESTER, CONN.—Cheney Bros., Hartford Road, plan to build two story workmen's houses, on Park and Prospect Streets. \$100,000.

MIDDLETOWN, CONN.—Connecticut State Hospital for Insane is having plans prepared by D. K. Perry, Architect, 79 Golf Maple Hill, New Britain, for brick and stone buildings, on South Farms. \$175,000.

MIDDLETOWN, CONN.—Wesleyan University, 374 High Street, plans to build chemical laboratory, on College Campus. \$100,000.

NEW BRITAIN, CONN.—Swedish Bethany Congregation, Main and Walnut Streets, plans to build brick church on Franklin Sq. Architect not selected. \$75,000.

NEW BRITAIN, CONN.—St. Marks Episcopal Congregation, 21 Washington Street, is having preliminary plans prepared by Carrere & Hastings, Architects, 52 Vanderbilt Avenue, New York City, for 100 x 100 ft., brick and steel, church, on Washington Street. \$100,000.

NEW BRITAIN, CONN.—Board of Education plans to build auditorium and twenty room addition to North End School, on Bassett Street. Architect not selected. \$200,000.

NEW HAVEN, CONN.—C. S. Palmer, Architect, 191 Church Street, proposes building five story hospital, 100 x 140 ft., fireproof, on Orchard Street, for Grace Hospital Association, 1418 Chapel Street. \$300,000.

NEW HAVEN, CONN.—The Seamless Rubber Company, New Haven, Conn., has placed a contract for the erection of a manufacturing plant. \$1,000,000.

NEW HAVEN, CONN.—M. Miller, 135 Temple Street, is having plans prepared by Brown & Von Beren, Architects, 185 Church Street, for two story, 55 x 150 ft., brick and concrete business building, on Temple Street, to include stores, bowling alleys, billiard parlor. \$50,000.

NEW LONDON, CONN.—H. E. Burr, Alger Street, plans to erect business building on Bank Street and Montauk Avenue. Architect not selected. \$50,000.

NEW LONDON, CONN.—National Bank of Commerce, 166 State Street, purchased new site on State Street and plans to build banking house. B. A. Armstrong, President. Architect not selected. \$100,000.

NEW LONDON, CONN.—Methodist Episcopal Congregation, 193 Hempstead Street, receives bids about August for two story church. M. E. Genter, Pastor. A. E. Hill, 75 Westminster Street, Providence, Architect. \$100,000.

WATERBURY, CONN.—St. Margaret's School, Rose Hill, plans to build brick and fireproof addition to private school on Cook and Grove Streets, here. I. H. Chase, Chairman. Architect not selected. \$60,000.

FLORIDA

GAINESVILLE, FLA.—City voted \$150,000 bonds to build two new schools.

MIAMI, FLA.—Price & McLanahan, Architects, 908 Bellevue Court, Philadelphia, have plans for Hotel Flamingo, here, seventeen stories, 90 x 575 ft., reinforced-concrete, brick and stucco, for C. G. Fisher, 434 N. Capitol Avenue, and J. J. Allison, both of Indianapolis, Ind.

WINTER HAVEN, FLA.—Winter Haven Citrus Growers Association soon receives bids for building packing plant. Architect not selected. \$75,000.

GEORGIA

ATLANTA, GA.—Yaarab Temple purchased site on Ivy and East Baker Streets and plans to build mosque. G. R. Donovan, Chairman. \$500,000.

MOULTRIE, GA.—J. R. Hall, W. S. Vereen and others organized stock company and plan to build three story, 50 x 100 ft., brick, hospital. Architect not selected. \$50,000.

SAVANNAH, GA.—Levy & Clarke, Architects, have perfected plans for a stone bank, on Harris and West Broad Streets, Savannah, for the Exchange Bank. An imposing building is anticipated.

ILLINOIS

CHICAGO, ILL.—A. Foster, Architect, 155 North Clark Street, has designed three story, 40 x 160 ft., reinforced-concrete, "V" shaped maternity home, on Forty-seventh Street and Sacramento Boulevard, for Archbishop Mundelein, Chicago Avenue and State Street. \$100,000.

CHICAGO, ILL.—Chicago Beach Hotel Co., Fifty-first and Cornell Streets, is having plans prepared by G. C. Nimmons & Co., Architects, 122 South Michigan Avenue, for twelve story, 223 x 233 ft., hotel. J. C. Hatley, President. \$1,250,000.

CHICAGO, ILL.—Harry M. Lubliner and Joseph Trinz, partners in control of a chain of movie houses, announce that a million dollar moving picture theater will go up at West Madison Street and Kedzie Avenue, and also an immense hotel and theater in Oak Park.

CHICAGO, ILL.—The All-American Truck Company, 2952 West Chicago Avenue, Chicago, is having plans prepared for the construction of a new one story foundry, 80 x 600 ft. \$75,000.

INDIANA

INDIANAPOLIS, IND.—Rubush & Hunter, Hotel Lincoln, Indianapolis, are planning to double the capacity of the building by an addition of seven stories.

INDIANAPOLIS, IND.—An office building and theater for popular priced vaudeville will be erected here by Marcus Loew of New York, involving a cost of \$1,000,000.

INDIANAPOLIS, IND.—Plans are being prepared for the remodeling of county power house adjacent to county jail, to provide modern emergency and detention hospital for insane prisoners.

IOWA

COUNCIL BLUFFS, IOWA.—Proudfoot, Bird & Rawson, Architects, Hubbell Building, Des Moines, have plans for building two story, 100 x 325 ft., brick and stone, school, on Broadway, between Twenty-fifth and Twenty-sixth Streets, for Council Bluffs School District. \$275,000.

DES MOINES, IOWA.—Board of Education is having plans prepared by Proudfoot, Bird & Rawson, Architects, Hubbell Building, for two schools, to be known as Theodore Roosevelt and Abraham Lincoln Schools. Bonds for \$500,000 already voted for project and additional bonds will be voted later for completion of work.

DES MOINES, IOWA.—Union Improvement Trust Co., 607 Mulberry Street, plans to build two story fireproof garage. \$200,000.

WHITING, IOWA.—The Whiting Consolidated School District voted \$150,000 bond issue for a new school building to be erected on new ten-acre tract.

KANSAS

ELDORADO, KAN.—City plans to build two story, 75 x 135 ft., reinforced concrete and brick memorial. G. P. Washburn & Son, Ottawa, Architects. B. C. Wells, city clerk. \$100,000.

LAKIN, KAN.—A special election was held at which \$43,000 was voted for school buildings.

SALINA, KAN.—A new Masonic Temple is to be built on South Street from Santa Fe Avenue to Seventh Street. \$500,000.

TOPEKA, KAN.—J. C. Holland & Son, Architects, 719 Mills Building, prepared plans for two story, 100 x 151 ft., reinforced-concrete and brick, garage. \$60,000.

WICHITA, KAN.—E. W. Lewis proposes building five story, 50 x 140 ft., brick and steel garage, on North Lawrence Street. Schuler & Burlie, Wichita, Architects. \$60,000.

LOUISIANA

NEW ORLEANS, LA.—The Island Oil and Transport Corporation of New York will build a large oil refining plant on the Mississippi River, a short distance above New Orleans.

SHREVEPORT, LA.—The erection of a New Orleans building at the State Fair here will take place in time for 1919 fair in October. \$35,000.

SHREVEPORT, LA.—The Shreveport Long Leaf Lumber Company will erect an addition to their plant. \$50,000.

MARYLAND

BALTIMORE, MD.—A. L. Forrest, Architect, 11 East Pleasant Street, proposes building one and two story, 200 x 200 ft., concrete and brick, coliseum, for Coliseum Amusement Co., Third Avenue and O'Donnell St. \$50,000.

BALTIMORE, MD.—Hebrew Orphan Asylum, Rayner and Florence Avenues, and S. Danburgh, Baltimore Bargin House, 200 West Baltimore Street, have raised \$350,000 by public subscription for erection of cottage plan orphan asylum on site in suburbs to be selected. Cost of buildings, including main administration building, to exceed \$200,000.

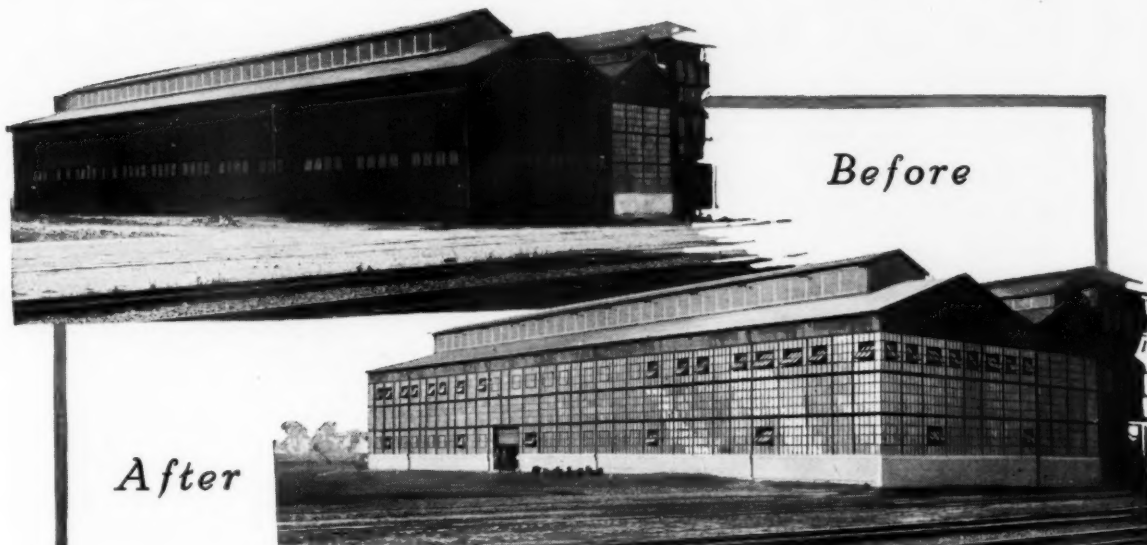
BALTIMORE, MD.—Williams & Wilkins Co., 2419 Greenmount Avenue, plans to build two story, 80 x 110 ft., reinforced-concrete, brick and stone, printing plant, on Guilford Avenue near Chase Street. H. F. Doelman, 507 North Charles Street, Engineer, and J. E. Lafferty, 11 East Pleasant Street, Consulting Architect. \$75,000.

BALTIMORE, MD.—The Abell Building and Construction Company has been granted a permit for the erection of an apartment house at Charles and Thirty-fourth Streets. It will be of seven stories, 85 x 265 ft. \$400,000.

BALTIMORE, MD.—Architect E. H. Glidden is preparing plans for the erection for William F. Cochran of a dwelling at Guilford, on a lot 150 x 150 ft., on Greenway, recently bought by Mr. Cochran.

BALTIMORE, MD.—As an evidence of the speeding up in the office of the Building Inspector in issuing permits for the erection of dwellings to relieve the housing situation, permits for 91 houses were granted Saturday. Among these were 45 for the Frank Novak Company in the 1800 block, a twenty-ninth Street, to cost \$100,000; four to the Ellicott Heights Company, on Arundel Avenue, to cost \$8,000; five to the Northeastern Real Estate Company, on Ashburton Avenue, to cost \$40,500; three to the Northwestern Real Estate Company, on Chelsea Avenue, to cost \$13,500, and one each to Francis A. Lazenby, on Clarke's Lane, near Park Heights Avenue, to cost \$7,000; to Fannie Ottenheimer, on Powhattan Avenue, to cost \$8,000, and to S. M. Sexton, on Forest Park Avenue, near Oakfield Avenue, to cost \$7,000. The others were for less expensive buildings.

BALTIMORE, MD.—A new building for the Luther Memorial Lutheran Congregation is being planned for the trustees by John F. Freund, Architect. The structure, it is reported, will be on a lot recently bought for the purpose from the P. C. Mueller Building



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Company, at the northeast corner of Guilford Terrace and University Parkway. Building is expected to be started in a short time. The congregation, which has been meeting at Waverly Hall, is under the pastorate of the Rev. Dr. L. L. Sieber. \$100,000.

BALTIMORE, Md.—Architect Lawrence H. Fowler has completed plans for the erection at Guilford of a handsome residence for Harry C. Black. The structure will be two and one-half stories high and of brick and stone construction. Builders are now estimating on the work.

BALTIMORE, Md.—W. B. Cassell & Co., merchandise brokers and distributors, have commissioned Herman F. Boeleman to prepare plans for a manufacturing plant, to be located on the Key Highway.

MASSACHUSETTS

NEW BEDFORD, MASS.—K. Cohen, 225 Mt. Pleasant Street, proposes building one story, brick, theater, in North End. LaBrode & Ballard, Union Street, Architects. \$65,000.

NORTHAMPTON, MASS.—Notre Dame Roman Catholic Congregation, King Street, plans to build brick and stone church. Architect not selected. \$150,000.

WESTFIELD, MASS.—School Board, Broad Street, plans to build addition to Prospect Hill School. Architect not selected. \$60,000.

WEST FITCHBURG, MASS.—Bids for the erection of a \$100,000 addition to the paper mill of Crocker, Burbank & Co., Inc., at West Fitchburg, Mass., are being considered. It is to be two stories high, to consist of a 60 x 200 ft. machine room, heater room, and mill building.

WEST SPRINGFIELD, MASS.—TOWN plans to build new school to replace present Tatham School. F. H. Sibley, Clerk. Architect not selected. \$60,000.

WETHERSFIELD, MASS.—TOWN is having plans prepared by D. K. Perry, Architect, 79 Golf Maple New Britain, for one story, brick and steel house in Griswoldville Section. \$50,000.

WILLIMANSETT, MASS.—A mill, an office building and a garage will be erected for the Papermakers' Chemical Company of Holyoke, by Building Inspector D. J. Haggerty. The plant is to be erected on Grattan Street, Willimansett. \$75,000.

MICHIGAN

DETROIT, MICH.—Grace Hospital Trustees are contemplating an enlargement of that institution. \$620,000.

DETROIT, MICH.—Detroit Exhibition Building Co., care Brown & Preston, Architects and Engineers, Empire Building, is having preliminary plans prepared for one and two story, 400 x 600 ft., concrete, brick and steel, convention hall. C. G. Armstrong, Secretary.

DETROIT, MICH.—Detroit Hotel Association, care G. S. Green, 1 McGraw Building, plans to build twenty-four story, 120 x 250 ft., reinforced-concrete, brick and steel, hotel, on Madison, Withers and Adams Avenues. \$6,000,000.

DETROIT, MICH.—Victory Theater Co., 1140 Penobscot Building, is having plans prepared by C. H. Crane and E. G. Kiehler, Architects, Dime Bank Building, for two story, reinforced-concrete, steel and terra cotta, theater, store and office, on Michigan Avenue and Fifty-second Street. \$300,000.

DETROIT, MICH.—Five modern brick buildings designed by R. Arthur Bailey, Detroit, will be erected for the Moore Realty Co., at Taft and Vinewood Avenues.

PORT HURON, MICH.—City soon receives bids for building two story, reinforced-concrete, brick and steel addition to Washington School, White Street. G. L. Harvey, Huron Avenue, Architect. \$70,000.

STRATHMOOR, MICH.—School Board, District No. 4, Greenfield Township, plans to sell \$75,000 bonds to build school. H. T. Hart, P. O. Box No. 84, Director.

MINNESOTA

AUSTIN, MINN.—Board of Education is having plans prepared by F. Tustison, Architect, 355 Auditorium Building, Minneapolis, for building central boiler plant and installing mechanical equipment for junior and senior high school, old and new buildings. \$150,000.

CROOKSTON, MINN.—State Board of Control, Capitol, St. Paul, is having plans prepared by C. H. Johnston, Architect, 715 Capital Bank Building, St. Paul, for three story, 55 x 115 ft., dining hall, with wing 40 x 40 ft., at State Experimental Farm. \$85,000.

DULUTH, MINN.—Board of Education plans to build school. Croft & Boerner, 710 Place Building, Minneapolis, Architects and engineers. \$100,000.

HIBING, MINN.—First National Bank will build two story, 100 x 100 ft., brick bank. A. Moorman & Co., 501 Minnesota Street, St. Paul, Architect. \$150,000.

HINCKLEY, MINN.—City voted \$30,000 bonds to build electric light plant and waterworks. A. J. Hunt, City Clerk.

MINNEAPOLIS, MINN.—State Board of Control, Capitol, St. Paul, is having plans prepared by C. H. Johnston, Architect, 715 Capital Bank Building, St. Paul, for six story reinforced concrete business building, storehouse and shops, costing \$125,000; two story, 40 x 120 ft., reinforced concrete, brick and terra cotta addition to Shevlin Hall, \$50,000; four story reinforced concrete and brick addition to University High School, \$50,000; all at University of Minnesota.

MINNEAPOLIS, MINN.—First Baptist congregation plans to build church on Tenth Street and Harmon Place. W. B. Riley, 4025 Linden Hills Boulevard, pastor. Architect not selected. \$300,000.

MINNEAPOLIS, MINN.—Board of Education is having plans prepared for two story, twenty-five room school on Minnehaha Avenue. E. H. Enger, care of Board of Education, Courthouse, Architect. \$150,000.

MINNEAPOLIS, MINN.—Board of Education plans to build grade school on Second Avenue, S., and East Fortieth Street, costing \$150,000; two story school, to be known as Louis Agassiz School, \$100,000. E. H. Enger, care of Board of Education, Courthouse, engineer.

MINNEAPOLIS, MINN.—The Grigg-Cooper Company will erect a modern structure at University Avenue and Fairview. \$500,000.

MINNEAPOLIS, MINN.—A bond issue for \$100,000 has been approved for construction of a new school here.

MORRIS, MINN.—State Board of Control, Capitol, St. Paul, is having plans prepared by C. H. Johnston, Architect, 715 Capital Bank Building, St. Paul, for two story reinforced concrete and brick dormitory at West Central State School of Agriculture. \$75,000.

ST. PAUL, MINN.—A fund of \$115,000 was voted by 1919 State Legislature to aid in rebuilding fourteen schools destroyed in the forest fire in the Moose Lake District.

ST. PAUL, MINN.—Emporium, East Seventh Street, plans to remodel six story store, 75 x 100 ft. A. McLeod, president. \$250,000.

WELLS, MINN.—City is having plans prepared by C. L. Pillsbury Co., Engineers, Metropolitan Building, Minneapolis, for electric power plant and distribution system and concrete reservoir. \$40,000.

MISSOURI

FAYETTE, MO.—Howard County will vote on a proposition to build a public county hospital at a cost of about \$75,000.

KANSAS CITY, MO.—A twelve story film exchange building will be constructed at the northeast corner of Seventeenth and Main Streets. \$700,000.

ST. LOUIS, MO.—The General Motors Company, Detroit, is contemplating the erection of a plant at the northwest corner of Natural Bridge Road and Union Boulevard, and the United Drug Company will erect a factory at King's Highway and San Francisco Ave. \$2,000,000.

ST. LOUIS, MO.—The Stix, Baer & Fuller Dry Goods Company will construct an eleven story annex to the main building.

ST. LOUIS, MO.—The Metalware Company will construct a new plant at the northeast corner of Natural Bridge Road and Goodfellow Avenue. \$300,000.

ST. LOUIS, MO.—P. J. Bradshaw, Architect, International Life Building, has prepared plans for building three story, 150 x 250 ft., reinforced-concrete, steel and brick machine shops and salesroom, on Nineteenth and Locust Streets for Washington University Corporation, Skinker Road and Lindell Street. \$250,000.

ST. LOUIS, MO.—E. J. Hess, Architect, 3226 Magnolia Avenue, has plans to build five story, 54 x 135 ft., reinforced-concrete, steel and brick factory, at 1409-11 Washington Avenue, for Gollubher Millinery Co., 1329 Washington Avenue.

UNIVERSITY CITY, MO.—The city has voted on the issuance of \$220,000 in bonds for school improvements.

MONTANA

GREAT FALLS, MONT.—State Board of Examiners, Helena, proposes building terminal grain elevator. J. Stewart Eng. Co., 110 South Dearborn Street, Chicago, Architects. \$230,000.

NEBRASKA

LINCOLN, NEB.—A new Hartley School will be erected at Thirty-third and Vine Streets. \$85,000.

MCCOOK, NEB.—Over \$100,000 has been subscribed for McCook's new hotel. J. F. Cordeal, Secretary, McCook, Neb.

NEW JERSEY

LAKEWOOD, N. J.—Shampau & Shampau, Architects, of Brooklyn, N. Y., have plans for the erection of the Hotel Elisberg, at Lakewood, N. J. General contract awarded to L. Barth Son, 34 Cooper Square, New York City; five stories, hollow tile and stucco, 300 x 300 ft., on Ninth and Tenth Streets and Madison Avenue, Lakewood. \$500,000.

NEWARK, N. J.—M. Spiegel, Strand Theater Building, New York City, will build one story, brick and steel, theater, on Broad Street, here. T. W. Lamb, 644 Eighth Avenue, New York City, Architect. \$100,000.

PLAINFIELD, N. J.—Board of Education is having plans prepared by Wilder & White, Architects, 50 Church Street, New York City, for two and one-half story, 55 x 150 ft., brick, steel and stone, school, on Emerson Avenue. \$140,000.

RAHWAY, N. J.—Board of Education plans to build school. J. T. Rowland, 100 Sipp Avenue, Jersey City, Architect. \$125,000.

WEST ORANGE, N. J.—A special election was held July 8th for the issuance of bonds to the amount of \$315,000 for the construction of a new junior high school.

NEW YORK

BINGHAMTON, N. Y.—A new gymnasium annex, in connection with the new Y. W. C. A., is to be established at the corner of Exchange and Hawley Street. \$50,000.

DANVILLE, N. Y.—Power Specialty Co., Cumminsville Street, is having plans prepared for two story, brick, addition to plant. \$25,000.

EDMONTON, N. Y.—Phoenix Cheese Co., Potsdam, had plans prepared by C. E. Eaton, Engineer, Sherman Building, Watertown, for cheese factory and milk station, here. Address B. N. Snell, Potsdam, President. \$100,000.

NEW YORK, N. Y.—D. Meenan, 1966 Broadway, is having plans prepared by J. C. Coker, Architect, 2017 Fifth Avenue, for six story, 90 x 100 ft., brick and steel garage, at 430-436 West Fifty-fifth Street. \$200,000.

NEW YORK, N. Y.—New York Edison Co., Irving Place and Fifteenth Street, is having plans prepared by W. Whitehill, Architect, 32 Union Square, for three story, 45 x 75 ft., brick and steel, transformer station, at 421-423 East Sixth Street. \$60,000.

NEW YORK, N. Y.—N. C. Partos, care L. A. Sheinart, Architect, 192 Bowery, is having plans prepared for three story, 75 x 197 ft., brick and steel, post office at 122 East Twenty-third Street. \$150,000.

NEW YORK, N. Y.—Shulte Cigar Stores Co., 386 Broadway, is having plans prepared by Rouse & Goldstone, Architects, 512 Fifth Avenue, for one story, 76 x 120 ft., brick and steel, store, on Ninety-sixth Street and Broadway. \$55,000.

NEW YORK, N. Y.—A 200 ton ice plant, brick and reinforced-concrete, will be erected at Jumel Place and 168th Street, New York. Wm. Francis Leppin, Architect; W. Russell Sloane, 1969 Dean Street, Brooklyn, Engineer. \$101,000.

RICHMOND HILL, N. Y.—M. Goodman, 247 Wyckoff Avenue, Brooklyn, is having plans prepared by L. W. Lamb, Architect, 644 Eighth Avenue, New York City, for three story, 50 x 150 ft., brick and steel, theater, on Boyd and Jamaica Avenues. \$100,000.

ROCHESTER, N. Y.—Y. M. C. A. secured site, 120 ft. frontage on Monroe Avenue, and plans to erect branch building. T. H. Sibley, Architect. \$200,000.

SYRACUSE, N. Y.—Ho-De-No-Sau-Nee Trading Co., Inc., recently incorporated with \$350,000 capital stock, purchased site on Wolf and South West Streets and plans to alter and build additions to present plant. Address J. R. Wertman, Syracuse, Director. \$60,000.

WATERTOWN, N. Y.—J. B. Taylor, Light & Power Building, purchased Woodruff Hotel, and plans to make extensive alterations and improvements. \$75,000.

NORTH CAROLINA

GREENSBORO, N. C.—Building Committee of Woman's College will build auditorium. C. H. Ireland, Chairman. A. Ten Eyck Brown, 717 Forsyth Building, Atlanta, Ga., Architect. \$100,000.

HIGH POINT, N. C.—O. E. Kearns plans to build two story theater, 45 x 100 ft., brick, on South Main Street. \$60,000.

OHIO

AKRON, OHIO.—A theater and store building will be built on E Market Street, near Johnson Street. \$500,000.

AKRON, OHIO.—Swedish Lutheran Congregation is having plans prepared by Fichter & Brooker, Architects, 606 Metropolitan Building, for one story, 50 x 120 ft., brick and tile, church, in eastern section of city. \$50,000.



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CANTON, OHIO.—A brick business block is to be erected at Mahoning Road and Fifth Street, at a cost of \$40,000. Max Cooper owns the property.

CANTON, OHIO.—The McGregor School Building will be erected at Sixteen and Vine Streets, Canton, Ohio, at a cost of \$242,000. Three stories high. C. W. Lane, Clerk, Board of Education.

CLEVELAND, OHIO.—Pilgrim Church plans to build five story, 100 x 200 ft., reinforced-concrete, steel and brick clubhouse, on West Fourteenth Street and Starkweather Avenue. D. F. Bradley, West Fourteenth Street, and Starkweather Avenue, Pastor. Architect not selected. \$100,000.

COLUMBUS, OHIO.—Ohio Optical Association plans to build two story optometry, on Ohio State University Campus. F. A. Stengel, Marion, Secretary. Architect not selected. \$50,000.

DAYTON, OHIO.—The Holy Family Church of this city will erect church at Fifth and Findlay Streets. \$100,000.

DAYTON, OHIO.—Shenck & Williams have plans for a clubhouse at Island Park for the Kurt-Te-See Club.

DAYTON, OHIO.—Miami Valley Hunt & Polo Club plans to build country clubhouse and stables, on Lamb Road. Architect not selected. \$75,000.

EAST CLEVELAND, OHIO.—City plans to build six story, 100 x 300 ft., reinforced-concrete, steel and brick, hospital, on Euclid and Prospect Avenues. C. M. Osborne, City Manager. Architect not selected. \$250,000.

LANCASTER, OHIO.—Citizens have voted \$45,000 in bonds for the enlargement of high schools of Oakland and Stoutsville.

STARK, OHIO.—Pennsylvania Railroad west of Pittsburgh will build a group of repair shops.

STREUBENVILLE, OHIO.—Streiberville Hotel Co., care W. R. Johnson, Fourth and Main Streets, is having plans prepared by F. Weber, Architect and Engineer, Morris Building, Philadelphia, for nine story, 64 x 181 ft., reinforced-concrete and brick, hotel, on Fourth and Main Streets.

YOUNGSTOWN, OHIO.—This city will have a sixteen story building, to be occupied by the First and Dollar Banks. The site cost \$450,000.

OKLAHOMA

FREDERICK, OKLA.—W. M. Tomlinson & Son purchased from R. E. Weathers the lot to the rear of their store and of the First National Bank Building. The property is 25 x 140 ft. Work of improving the property will begin immediately. The store will be extended south to the Kent Building and east to Ninth Street. A warehouse will be erected on the west end of the lot, to the west of the extension.

FREDERICK, OKLA.—Extension of its building 10 ft. to the rear and the probable addition of one or two stories will be undertaken in the immediate future by the First National Bank. A. Lair, Vice-President of the institution, announced.

TAHLEQUAH, OKLA.—City voted \$200,000 bonds for purchasing site, building and installing electric light plant, etc. E. M. Covel, Clerk.

TULSA, OKLA.—Armour & Co., Union Stock Yards, Chicago, Ill., and 120 Broadway, New York City, had plans prepared for three story, 75 x 175 ft., reinforced-concrete and steel packing plant. \$200,000.

PENNSYLVANIA

CHESTER, PA.—Aberfoyle Mfg. Co., Fourth Street and Morton Avenue, plans to build three story, 50 x 121 ft., addition to plant.

IMPERIAL, PA.—Imperial Cooperative Association is having plans prepared by J. H. Philips, Architect, Fulton Building, Pittsburgh, for two story, 50 x 100 ft., warehouse.

PHILADELPHIA, PA.—Vigogne Mills, Unity and Oakland Streets, is having plans prepared by M. W. Easley, Engineer, 1420 Chestnut Street, for building three story, 65 x 250 ft. factory, brick, and slow burning construction.

PHILADELPHIA, PA.—Department of City Transit, 1211 Chestnut Street, proposes building two 20 x 50 ft. and two 40 x 40 ft. concrete and steel stations, on York and Dauphin Streets and Girard Avenue. H. H. Quimby, Engineer, and C. T. Biswanger, Architect, care of above.

PHILADELPHIA, PA.—Plans were prepared by the Quaker City Rubber Company, 629 Market Street, Philadelphia, for a two story, brick and reinforced-concrete, plant, 140 x 160 ft., at Wissinoming. The company is a manufacturer of automobile tires, etc. \$100,000.

SOUTH BETHLEHEM, PA.—I. Preletz, East Fourth Street, plans to build three story, 72 x 80 ft., concrete, warehouse and garage. D. J. Pappans, 1401 South Thirteenth Street, Architect.

WILKES-BARRE, PA.—The New Wall Paper Company, also the Walk-On-Rug Company, Buffalo, are going to construct a modern

building on South Main and West Northampton Streets. \$100,000.

WINDBEE, PA.—A. G. Bentley, Graham and Park Avenues, plans to build two story, 50 x 120 ft., fireproof, store, to replace one destroyed by fire. Architect not selected. \$55,000.

RHODE ISLAND

PROVIDENCE, R. I.—Rhode Island School of Design, Waterman Street, plans to build three story museum and three story building to house collections of silverware and jewelry, brick and reinforced-concrete, on Bene Street. Bellow & Aldrich, 8 Beacon Street, Boston, Architects. \$300,000.

TENNESSEE

JOHNSON CITY, TENN.—Milligan College is to be rebuilt. \$176,000.

KNOXVILLE, TENN.—City Council will soon advertise for bids on the Knoxville High School addition. \$150,000.

MEMPHIS, TENN.—Loew's Theaters, 1492 Broadway, New York City, is having plans prepared by T. W. Lamb, Architect, 644 Eighth Avenue, New York City, for two story, 100 x 100 ft., brick and steel theater, on Union Avenue, here. \$300,000.

TEXAS

ABILENE, TEX.—Sanguinet, Staats & Gottlieb, Fort Worth, Tex., have prepared plans for Central High School at Simmons College, Abilene, Tex. \$570,000.

AUSTIN, TEX.—Although the Senate Finance Committee cut \$460,000 out of the A. & M. College budget, it did not take out the \$250,000 for an agricultural building. The committee did cut out the \$150,000 for a memorial library building.

BELTON, TEX.—Work will soon be started for the erection of a building to be used as dormitory and science hall for the Baylor College. \$300,000. Other structures will also be built a little later.

DALLAS, TEX.—The Proctor-Gamble Company, Cincinnati, will construct a plant for the manufacture of Crisco, a plant for the manufacture of Ivory soap, a candle factory, a box factory and plants for manufacturing other products. \$2,000,000.

DALLAS, TEX.—Lang & Wittichell have prepared plans for the Hockaday School, Greenville Road, Dallas; 200 x 100 ft., brick. Miss Ella Hockaday, Director. \$135,000.

DALLAS, TEX.—Plans will be prepared for the erection of a brick apartment building on Maple Avenue. Site is 400 ft. square. \$750,000.

EASTLAND, TEX.—H. C. Earnest, lot that fronts 50 ft. on North Lamar Street, Lamar and Main Streets, will put up a five story building. \$150,000.

EASTLAND, TEX.—The Jarecki Manufacturing Company has broken ground and assembled material for a \$50,000 office and oil supply depot building, on a site on East Main Street, one block from the courthouse.

EL CAMPO (Wharton Co.), TEX.—In an election here \$50,000 worth of bonds were voted to build new public school buildings for the El Campo independent school district.

EL PASO, TEX.—Work on the new building of the Southern Baptist Sanatorium will be started soon. \$500,000.

HOUSTON, TEX.—Plans are being made for a new high school building here. \$500,000.

HOUSTON, TEX.—The Park Place Country Club will erect another clubhouse on Simms Bayou, at Park Place, Houston. J. B. Westover, Hoffman Building, Director. M. E. Tracy and J. A. Ostos, Architects.

MARSHALL, TEX.—The Rogers-Wade Company has announced plans for the erection of a mattress factory in Marshall, Tex. \$30,000.

PARIS, TEX.—Plans are being prepared for an extensive addition to the Sanatorium of Paris, on Bonham Street.

PORT ARTHUR, TEX.—Citizens here have voted \$200,000 in bonds for the improvement of schools.

RANGER, TEX.—Plans are being made for the erection of a new Y. W. C. A. building. \$100,000.

RANGER, TEX.—Work is expected to start in the near future on two business blocks on Pine, in the rear of the Gholson Hotel and Guaranty State Bank. \$100,000.

RANGER, TEX.—Material is being assembled for the Guaranty State Bank Building, on Main Street, just across the street from the McCleskey Hotel east, which was contracted for some time ago. It will be five stories high. \$125,000.

RANGER, TEX.—Contract will be let in the next few days for Hotel Gholson, just east of the new Guaranty State Bank, on Main Street. It will be three stories. \$200,000.

RANGER, TEX.—Work is expected to get under way in the next ten days on Ranger's \$150,000 high school and three ward public schools to cost \$150,000.

RANGER, TEX.—Work is expected to start at once on the Texas Pacific Coal and Oil Company's new building at the corner of Pine and Commerce Streets. \$50,000.

SMITHVILLE, TEX.—The Baptists here will begin tearing down their old church building, erected thirty years ago, to make room for the new \$35,000 brick building. The plans have been drawn and accepted and contract will be let in a few days.

SMITHVILLE, TEX.—The Missouri, Kansas & Texas Railway Company will construct a new freight depot here.

VIRGINIA

RICHMOND, VA.—Seventh Street Garage Co., 30 North Ninth Street, plans to build three story, 135 x 135 ft., reinforced-concrete, steel and brick, garage, granolithic flooring, on Seventh and Leigh Streets. \$75,000.

WASHINGTON

SEATTLE, WASH.—Plans have been completed by Architect Sherwood D. Ford, Lyon Building, for a \$135,000 three story masonry building for the Seattle Engineering School.

SEATTLE, WASH.—B. Marcus Priteca, Pan tages Building, Seattle, Wash., has prepared plans for garage at 1508 Boren Avenue, for I. Lurie, 2019 Twenty-fourth Avenue. \$15,000.

SEATTLE, WASH.—Clayton D. Wilson, Mutual Life Building, has completed plans covering an auto factory to be built for the Davis Car Co., 1013 First Avenue. \$20,000.

WEST VIRGINIA

HUNTINGTON, W. VA.—J. M. McCoach Co., Seventh Avenue and Thirteenth Street, receives bids in fall for building four story, brick, steel and concrete, addition to ice and cold storage plant. Architect not selected. \$200,000.

MADISON, W. VA.—Madison National Bank had plans prepared for two story, 62 x 85 ft., brick and stone, bank, on Main Street. H. R. Warren, Charleston, Architect. \$50,000.

MADISON, W. VA.—J. C. Kaufman, Logan, W. Va., plans to build three story brick hotel, here, on Main Street. \$55,000.

WISCONSIN

EAU CLAIRE, WIS.—E. Hutchens, Architect and Engineer, 703 Wisconsin Street, is preparing plans for six story hotel, for Eau Claire Hotel Co.

MILWAUKEE, WIS.—B. P. O. E. Lodge, No. 46, 450 Jefferson Street, had sketches made by R. Messmer & Bro., Architects, Majestic Building, for seventeen story, 100 x 150 ft., brick, reinforced-concrete and steel clubhouse. \$1,000,000.

MILWAUKEE, WIS.—O. Brachman, First National Bank Building, is having plans prepared by M. Hullgren & Sons, Architects, First National Bank Building, for eight story, 135 x 180 ft., reinforced-concrete and brick hotel, on Astor Street and Juneau Avenue. \$650,000.

NEENAH, WIS.—Masonic Lodge, 145 West Wisconsin Avenue, plans to build three story, 60 x 120 ft., temple. Architect not selected. \$60,000.

OSHKOSH, WIS.—School Board is having plans prepared by Auler & Jensen, Architects, F. R. A. Building, for two story, 96 x 127 ft., school, on Sawyer Avenue. \$115,000.

PLATTEVILLE, WIS.—Property on Main and Water Streets has been purchased by the Eagle Garage Co. The company expect to build a two story brick and tile garage. This building, which will be very complete in every way, will provide storage for about one hundred and forty automobiles.

PLYMOUTH, WIS.—C. Kade Fixture Co., care C. Kade, plans to build three story, 60 x 110 ft., brick and reinforced-concrete, factory, on Pleasant Street. Architect not selected. \$60,000.

SHEBOYGAN, WIS.—R. R. Jahn, Architect, Betsy Ross Building, will build two story, 60 x 90 ft., brick, reinforced-concrete and steel, garage, on Center Avenue, for Rummelle Auto Co., 706 Center Avenue. \$52,000.

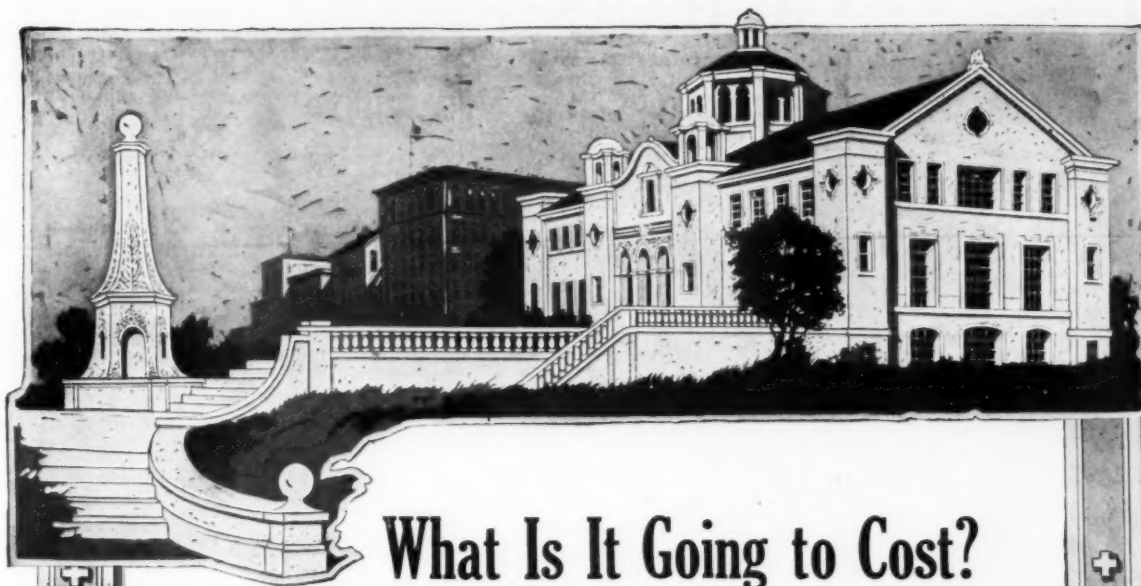
SHEBOYGAN, WIS.—National Box & Novelty Co., Eighth Street, is having plans prepared by Juul & Smith, Architects, Immigrant Building, for four story, 60 x 150 ft., brick, reinforced-concrete and steel factory, on Fourteenth Street and Kentucky Avenue. E. A. Juul, Immigrant Building, Engineer. \$55,000.

SHEBOYGAN, WIS.—Sells Bros. Co., care C. Sell, 901-907 North Eighth Street, plans to build two story, 40 x 90 ft., brick, reinforced-concrete and steel, garage, on Eighth and Niagara Streets. R. R. Jahn, Betsy Ross Building Architect.

WYOMING

CASPER, WYO.—A new vocational high school building will be erected on the athletic grounds just north of the old Casper School. \$120,000.

LARAMIE, WYO.—The Union Pacific will build a new passenger station, to be located between Garfield Street and Park Avenue.



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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

PHOENIX, ARIZ.—City will hold a bond election in September for Verde River water system for the city. \$1,315,243.

PHOENIX, ARIZ.—H. Bird and R. M. Monaghan, Jefferson Hotel, plan to build six story hotel, 150 x 150 ft., addition, on Jefferson Street.

WARREN, ARIZ.—Arrangements have been completed for the construction of a \$25,000 residence for A. G. McGregor, a local mining engineer.

ARKANSAS

BLTYHEVILLE, ARK.—A courthouse is to be built. \$150,000.

BLTYHEVILLE, ARK.—Farmers Bank & Trust Co. contemplate erection of a \$85,000 home.

JONESBORO, ARK.—A new Y. M. C. A. Building will be built in connection with the Arkansas Agricultural College.

LUXORA, ARK.—A \$30,000 high school is proposed for this place.

MARIANNA, ARK.—W. S. McClintock will build a \$50,000 business block.

PINE BLUFF, ARK.—First Christian Church of Pine Bluff will erect a \$40,000 structure, at Sixth and Beech Streets. T. L. Brummit, Chairman, Building Committee.

TEXARKANA, ARK.—A \$450,000 company has been organized to erect an eight story hotel at West and Pine Streets for the Texarkana Hotel Co. G. T. Conway, Director.

CALIFORNIA

AVALON, CAL.—City plans an election soon to vote on \$88,000 bonds for the construction of a combined electric light and water-works plant on Catalina Island here.

CLAREMONT, CAL.—Pomona College plans to build four dormitories for girls, on campus, here. \$50,000.

LINDSAY, CAL.—A hotel will be erected by King C. Gillette. \$250,000.

LONG BEACH, CAL.—Y. M. C. A. is having plans prepared by E. L. Bayberry, 463 Pacific Electric Building, Los Angeles and W. H. Austin, 222 First National Bank Building, Associate Architects, for six story brick building, on Seventh Street and American Avenue, here. \$150,000.

LONG BEACH, CAL.—Virginia Hotel Co. is having plans prepared by J. C. Austin, Architect, 1121 Baker-Detwiler Building, Los Angeles, for 200 room reinforced-concrete addition. \$200,000.

LOS ANGELES, CAL.—Goodyear Tire & Rubber Co., Market Street, Akron, Ohio, purchased 320 acre site in southeastern part of city and plans to build group of buildings for factory. \$4,000,000. Pacific Coast Cotton Mill Co. will be incorporated as subsidiary company, and plans to build cotton mill on same site, to operate in conjunction with tire factory. \$1,500,000.

LOS ANGELES, CAL.—University of Southern California, College of Liberal Arts Building, Thirty-fifth and University Streets, is having plans prepared by J. Parkinson, Architect, 420 Title Insurance Building, for three story, 160 x 256 ft., reinforced-concrete and brick, administration building, on University Avenue, to contain offices and chapel to seat 2000. This is first of group of four or five buildings to be erected. \$3,000,000.

LOS ANGELES, CAL.—Fowler Union High School District is having plans prepared by Allison & Allison, Architects, 1405 Hibernian Building, for high school, to include administration, domestic and manual training, gymnasium and auditorium buildings. \$150,000.

MARTINEZ, CAL.—Trustees of Alhambra Union High School District will vote on \$125,000 bonds to build high school.

MODESTO, CAL.—Lodge of Elks plans to build lodge and theater. Address C. H. Bertram, Chairman, Building Committee. \$175,000.

MODESTO, CAL.—Moose Lodge is having plans prepared by A. Mazurette, Architect, Home Realty Building, for five story, reinforced-concrete store, office and lodge, at Eleventh and I Streets. \$250,000.

POMONA, CAL.—The Pacific Colony for Defective Children has decided on a site near Pomona, Cal., for colony buildings and other improvements, State Engineer W. F. McClure making plans. \$1,000,000.

REEDLEY, CAL.—Reedley National Bank is having plans prepared by E. I. Kump, Architect, 227 Rowell Building, Fresno, for one story, 60 x 150 ft., bank, reinforced-concrete and terra cotta. \$70,000.

SACRAMENTO, CAL.—Sisters Hospital, Twenty-third and R Streets, has purchased six acre site on Fourteenth Street, near H Street, and plans to build hospital. \$200,000.

SACRAMENTO, CAL.—Erection of a four story concrete building is proposed by the California Packing Corporation, on P and Second Streets. \$800,000.

SAN FRANCISCO, CAL.—Rousseau & Rousseau, Architects, have plans for an apartment house at Taylor and Bush Streets. \$150,000.

SAN FRANCISCO, CAL.—Plans are being drawn for a three story apartment house by A. H. Knoll, Hearst Building, for H. W. Burnham. It will be erected on Jackson Street and Van Ness Avenue. \$52,000.

SAN FRANCISCO, CAL.—A. H. Knoll, Hearst Building, San Francisco, has prepared plans for a five story apartment house for Theodore Rulfs, at Sutter and Leavenworth Streets, to cost \$80,000; and a four story structure, on the same streets, at \$40,000.

SAN FRANCISCO, CAL.—A million dollar appropriation is expected to mature for the erection of a Federal building in San Francisco to serve as a branch headquarters of the Department of Interior in Washington, D. C. Address J. B. Stanford, Registrar, General Land Office, San Francisco.

SANTA MONICA, CAL.—Santa Monica Beach Association is having preliminary plans prepared by M. Hunt, Architect, Hibernian Building, Los Angeles, for ten and twelve story, 500 x 1200 ft., hotel, on ocean front, here. Address J. B. Lankershim, Lankershim Building, Los Angeles. \$1,500,000.

SANTA MONICA, CAL.—Board of Education voted \$75,000 bonds to build six room addition to Washington School and four room addition to John Adams School and for purchase of additional grounds; also \$30,000 for Greek Theater at high school. Allison & Allison, 1405 Hibernian Building, Los Angeles, Architects.

SANTA ROSA, CAL.—City is having plans prepared by W. H. Weeks, Architect, 75 Post Street, San Francisco, for grammar school and combination high school and memorial hall, concrete and brick. \$250,000.

STOCKTON, CAL.—Representative Charles Curry, Washington, D. C., is taking steps to obtain an appropriation of \$60,000 for the construction of an addition to the Federal Building at Stockton.

TULARE, CAL.—California Cooperative Canneries Co. plans to build cannery. Address C. L. Larimer, Superintendent. \$250,000.

VALLEJO, CAL.—Bell Amusement Co. is having plans prepared by B. J. Joseph, Architect, Call-Post Building, San Francisco, for one story, reinforced-concrete, theater. \$60,000.

VENTURA, CAL.—Board of Supervisors, Ventura County is having plans prepared by A. C. Martin, Architect, 430 Higgins Building, Los Angeles, for two story hospital, here, to include service and power house, nurses' home, residence building and four cottages, reinforced-concrete and hollow tile. \$200,000.

COLORADO

COLORADO SPRINGS, COL.—Bishop-Babcock Co. of Cleveland is contemplating enlarging its plant. \$300,000.

DEL NORTE, COL.—Town is having plans prepared by Montjoy, French & Frewen, Architects, Chamber Commerce Building, Denver, for high school. \$75,000.

LOVELAND, COL.—Loveland National Bank, 141 East Fourth Street, is having plans prepared for building bank. V. C. Vorreiter, President. \$100,000.

MONTE VISTA, COL.—Town plans to build school. Montjoy, French & Frewen, Chamber Commerce Building, Denver, Architects. \$100,000.

WALSENBURG, COL.—Huerfano County plans to build school. Montjoy, French & Frewen, Chamber Commerce Building, Denver, Architects. \$100,000.

CONNECTICUT

BRIDGEPORT, CONN.—E. H. Dillon, 1111 Main Street, plans to build ten story, 52 x 80 ft., business building.

BRIDGEPORT, CONN.—Hincke Bros. & Co., 207 State Street, propose building one and three story, 38 x 120 ft., brick and terra cotta office, on Main Street. \$60,000.

BRIDGEPORT, CONN.—Olivet Congregational Church, 2140 Main Street, is having plans prepared for two story parish house, on Main Street, brick, concrete and steel. W. I. Skinner, 1188 Main Street, Architect. \$50,000.

BRIDGEPORT, CONN.—Schwerdtle Stamp Co., 41 Cannon Street, plans to construct three story, 30 x 60 ft., manufacturing building, brick and concrete, on Cannon Street. \$25,000.

NEW HAVEN, CONN.—S. D. Woodruff & Sons, Orange, will erect one story, 80 x 140 ft., garage, with wing 40 x 80 ft., concrete and brick, on Whalley Avenue, here. Shiner & Appel, 185 Church Street, Architects.

FLORIDA

JACKSONVILLE, FLA.—Duval County voted \$325,000 bonds, \$150,000 of which will be used to build new school, and erect addition to others.

TAMPA, FLA.—L. B. Skinner, President, Hillsboro Hotel Co., plans to build nine story, 70 x 110 ft., addition to hotel facing on Madison Street.

GEORGIA

FORT WENTWORTH, GA.—Plans have been prepared by the Allied Packers for a \$875,000 plant. John A. Hawkinson, President.

IDAHO

BOISE, IDAHO.—Tourtellotte & Hummel, Architects, Overland Building, will construct four story, 100 x 122 ft., brick or sandstone building for Y. M. C. A. \$125,000.

BOISE, IDAHO.—W. J. Hall, Commissioner of Public Works, proposes building two five story, 80 x 120 ft., fireproof wings to capitol, on Jefferson Street. Tourtellotte & Hummel, Overland Building, Architects. \$900,000.

NAMPA, IDAHO.—Tourtellotte & Hummel, Architects, Overland Building, Boise, will build bank, 85 x 115 ft., stone and terra cotta, for Farmers and Merchants National Bank. \$85,000.

SANDPOINT, IDAHO.—Information has been received from Washington, D. C., to the effect that the contract for the erection of the federal building in this city has been awarded to W. D. Lovell of Minneapolis. The building is to be located at Second and Poplar Streets. \$100,000.

ILLINOIS

CHICAGO, ILL.—An eleven story hotel will go up at 4940 Sheridan Road from plans prepared by Architect Perry T. Johnston. \$500,000.

CHICAGO, ILL.—Grip Nut Mfg. Co. will construct reinforced-concrete plant, 100 x 740 ft., on Fifty-ninth Street and Western Avenue. Freyn, Brassett & Co., Architects. \$500,000.

CHICAGO, ILL.—Ritz Hotel, care W. W. Ahlschlager, Architect, 111 West Washington Street, is having plans prepared for ten story, 100 x 150 ft., reinforced-concrete hotel, on Kenmore and Granville Streets. \$1,000,000.

CHICAGO HEIGHTS, ILL.—P. Gerhardt, Architect, 64 West Randolph Street, will build six story club, 100 x 142 ft., brick and reinforced-concrete, on Illinois and Oak Streets, for Chicago Heights Country Club. \$300,000.

INDIANA

INDIANAPOLIS, IND.—The Indianapolis Architects' Association offered plans for a coliseum memorial. It will be erected on ground between Pennsylvania and Illinois Streets and between the Federal Building and the Library.

INDIANAPOLIS, IND.—Contracts for two brick warehouses on Fulton and Walnut Streets have been let by the Janes Realty Co., F. E. Janes, President. \$30,000 each.

JASPER, IND.—Sisters of Providence, Jasper, are retaining Andrew W. Berger of that city to design and plan a home.

TERRE HAUTE, IND.—Board of Education plans to build school. \$150,000.

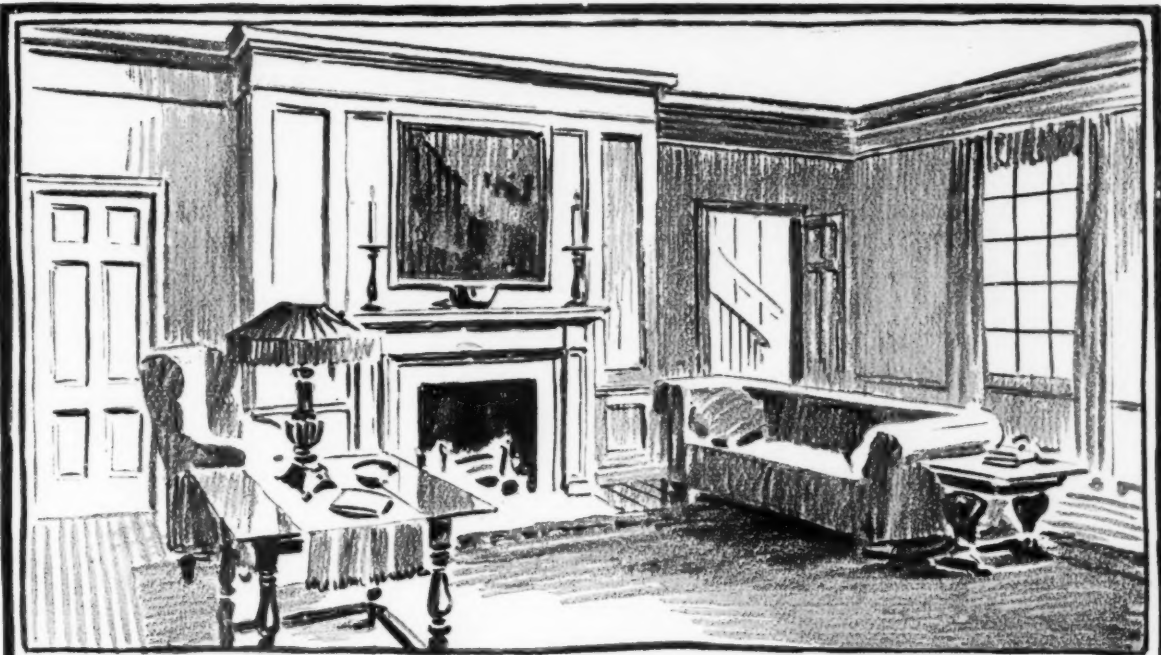
IOWA

DAVENPORT, IOWA.—Building Commissioner Ralph C. Graham has issued a permit for the three story Lend-A-Hand Club Building, on Main Street. \$150,000.

DAVENPORT, IOWA.—Iowa National Bank proposes erection of a seven story structure at Third and Harrison Streets. Frank Yetter, Cashier.

DAVENPORT, IOWA.—A new seven story structure is proposed by the Iowa National Bank, of which Charles Shuler is president. Site at Harrison and Third Streets has been acquired. \$950,000.

WATERLOO, IOWA.—Waterloo Medical Society, Black Building, will erect a modern hospital. \$300,000.



Advantages of Standardization

IN planning every kind of electrical installation it pays to plan for the future.

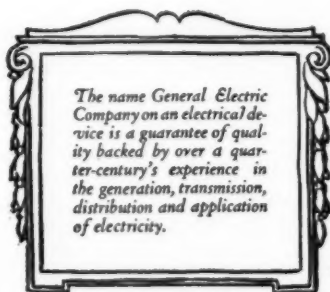
If anything should go wrong with any part of the electrical equipment five years from now, who is going to be responsible? Will the owner remember just who furnished each device where the architect has not standardized on one make throughout?

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KANSAS

LOBBAIN, KAN.—Board of Education plans to build two story, 68 x 87 ft., reinforced-concrete and brick, school. S. S. Voight, 410 Barnes Building, Wichita, Architects. \$50,000.

STOCKTON, KAN.—Rooks County plans to build three story, 80 x 100 ft., reinforced-concrete, steel and brick, courthouse. F. C. Squires, 628 Kansas Avenue, Topeka, Architects. \$200,000.

WICHITA, KAN.—A. J. Watson is having plans prepared by W. Glenn, Engineer, Reliance Building, Kansas City, Mo., for warehouse. \$100,000.

LOUISIANA

LAKE CHARLES, LA.—Plans and specifications for an addition to the Catholic Sanatorium are being drawn for a reinforced-concrete structure. \$100,000.

NEW ORLEANS, LA.—St. Charles Avenue Baptist Church, Dr. E. D. Solomon, Pastor, will erect a structure to serve as church and community center. \$100,000.

MAINE

PORTLAND, ME.—A three story concrete factory, for the American Can Co. of New York, will be constructed by the Turner Construction Co., New York. \$500,000.

MARYLAND

BALTIMORE, MD.—W. B. Cassell & Co., 1027 South Howard Street, is having plans prepared for four story, 35 x 145 ft., reinforced-concrete, warehouse, on Cross Street and Key Highway. H. F. Doelman, 507 North Charles Street, Engineer.

BALTIMORE, MD.—General Coffee & Tea Co., Light and Lee Streets, is having plans prepared by G. R. Callis, Jr., Architect, 55 Knickerbocker Building, for five story, 83 x 197 ft., reinforced-concrete and brick warehouse. J. Posey, 925 Fidelity Building, Consulting Engineer. \$45,000.

BALTIMORE, MD.—W. Schluderberg & Son, Fourth and Bank Streets, is having plans prepared by C. B. Comstock, Architect and Engineer, 110 West Fortieth Street, New York City, for first unit of packing plant, four or five story, on East Baltimore Street, between Fifth and Seventh Streets. \$250,000. Total cost \$500,000.

CUMBERLAND, MD.—American Cellulose Mfg. Co. is preparing plans for one and two story, concrete, iron and steel additions to plant. \$1,000,000.

CURTIS BAY (Baltimore P. O.), Md.—C. S. Walton Co., Third and Vine Streets, Philadelphia, plans to build factory on ten acre site, at juncture of Cabin Branch and Baltimore & Ohio Railroad, here. \$50,000.

MASSACHUSETTS

BOSTON, MASS.—Plans are in preparation for a twelve story office building, at 6 Post Office Square, to be known as the Bankers' Building. Clinton J. Warren, Architect. John J. Prinderle Co., Contractor.

BUZZARD'S BAY, MASS.—Col. E. H. P. Green, son of Hetty Green, will build a large stone mansion at Buzzards Bay. Alfred C. Bossom, 101 Park Avenue, New York, Architect.

CAMBRIDGE, MASS.—Thos. M. James, 15 Ashburton Place, Boston, has prepared plans for a factory in Cambridge for the National Casket Co. \$300,000.

HOLYOKE, MASS.—Hall's Dairy, Inc., 11 Brooks Avenue, plans to build two story, 60 x 75 ft., brick building, on Sargeant Street. G. P. B. Alderman & Co., People's Savings Bank Building, Architects. \$40,000.

PALMER, MASS.—Clinton-Wright Wire Co., Hammond Street, Worcester, plans to build one story plant here. Architect not selected. \$100,000.

PALMER, MASS.—Town appropriated \$51,000 to build two story school at Three Rivers.

SPRINGFIELD, MASS.—Desmond & Lord, 15 Beacon Street, Boston, have prepared plans for a large theater on Main and Pynchon Streets, Springfield. \$250,000.

SPRINGFIELD, MASS.—A thirty-five apartment block of two and four room suites will be erected at the corner of North Main Street and Noble Street for Maurice L. Angers. \$80,000.

TURNERS FALLS, MASS.—Town plans to build two story school. \$50,000.

TURNERS FALLS, MASS.—D. J. Shea, Avenue A, plans to build two story brick and steel theater. \$60,000.

TURNERS FALLS, MASS.—Ealeck Mfg. Co. plans to build five story brick addition to factory. \$75,000.

WALTHAM, MASS.—Kilham & Hopkins, 9 Park Street, Boston, have plans for the Nathaniel P. Banks School at Waltham, Mass. J. P. Keating of Westboro has received the contract. \$160,000.

MICHIGAN

BELLEVUE, MICH.—City plans to build two story school. Bonds for \$100,000 voted for project. Billingham & Cobb, Kalamazoo, Architects.

CEDAR BANK, MICH.—State Board of Control, Lansing, purchased 125 acre site here

and plans to build training school for women. Plans include three story administration building, three dormitories, each 38 x 179 ft., with wing, 38 x 74 ft., central heating plant and chapel, all fireproof construction. \$500,000.

DETROIT, MICH.—Henry Clay Hotel plans to build fourteen story, concrete, brick and steel hotel, on John R. and Center Streets. F. E. Ellsworth, Proprietor.

DETROIT, MICH.—A sixteen story hotel will go up at Woodward Avenue, near Grand Circus Park, for Marcus L. Freud, Addison Hotel, Detroit. \$2,000,000.

DETROIT, MICH.—Church of the Annunciation, care W. P. Bradley, Chairman, 419 Bewick Avenue, plans to build memorial hall and gymnasium on Parkview and Jefferson Avenues. \$50,000.

DETROIT, MICH.—W. S. Barr, care Baxter, Odell & Halpin, Architects, 1024 Hammond Building, is having plans prepared for four story, brick hotel, on Henry Street, between Cass Avenue and Second Street. \$125,000.

DETROIT, MICH.—Board of Education will build two story, 65 x 180 ft., reinforced-concrete, brick and steel addition, on Indian-dale Avenue and Twelfth Street. Malcolmson & Higginbotham, 404 Moffat Building, Architects.

HIGHLAND PARK, MICH (Detroit P. O.).—Village plans to build hall. F. Caldwell, 20 Gerard Avenue, Commissioner. \$700,000.

MUSKEGON, MICH.—A \$1,000,000 power plant and factory is proposed by the Continental Motors Corp. of Detroit.

PONTIAC, MICH.—Commissioners of Oakland County are having plans prepared by J. E. Mills & Son, Architects, 1305 Kresge Building, Detroit, for three story, reinforced-concrete, brick and steel addition to county office building.

MISSISSIPPI

CHARLESTON, MISS.—A modern high school is proposed. \$75,000.

CHARLESTON, MISS.—Bank of Charleston will erect a new structure. \$100,000.

NEBRASKA

LINCOLN, NEB.—Bailey Sanitarium plans to build two story sanatorium, 40 x 108 ft., brick, on Normal Boulevard. Fiske & Mcginnis, 533 Bankers Life Building, Architects. \$65,000.

OMAHA, NEB.—Auto Power Mfg. Co., First National Bank Building, is planning the erection of a three story and basement works, 80 x 200 ft. \$150,000.

NEW HAMPSHIRE

NASHUA, N. H.—Nashua Mfg. Co. will install a steam heating plant in the seven story, 122 x 560 ft., factory that it plans to build. Lockwood-Greene & Co., 101 Park Avenue, New York, Engineers. \$750,000.

NEW JERSEY

ATLANTIC CITY, N. J.—Salvation Army will erect a building in Atlantic City. Evangeline a building in Atlantic City. Evangeline Booth, Commander, North Arkansas Avenue, Atlantic City, N. J. \$60,000.

TRAUTON, N. J.—Freiheit Baking Co., Indiana and Twentieth Streets, Philadelphia, plans to build bakery here. Architect not selected. \$300,000.

NEW YORK

BROOKLYN, N. Y.—I. Canry Mfg. Co., care W. T. McCarthy, Architect, 16 Court Street, will build three story brick and steel factory, on Belmont and Georgia Avenues. \$200,000.

BROOKLYN, N. Y.—Gardner-Lucas Co. will erect a \$350,000 candy factory on Front and Gold Streets. J. G. White Eng. Co. in charge.

BROOKLYN, N. Y.—A parish house will be built by the Church of the Good Shepherd, Fourth Avenue and Seventy-fifth Street. \$42,000.

BROOKLYN, N. Y.—Tampa Construction Co. is to build eight two story brick houses, at Fifteenth Avenue and Seventy-sixth Street. \$50,000.

BROOKLYN, N. Y.—E. Greenfield & Sons will erect a six story brick factory, 40 x 100 ft., on Lorimer Street and Marcy Ave. \$75,000.

LAURELTON, L. I., N. Y.—Trowbridge & Ackerman, 28 W. Forty-fourth Street, New York City, have prepared plans for three apartment houses, ten small houses and five stores, at Laurelton. Long Island. T. C. Desmond Co., Engineers. \$200,000.

NEW YORK, N. Y.—Peerless Towel Supply Co. contemplates erection of three story concrete warehouse, 75 x 90 ft., on Gold and Willoughby Streets, Brooklyn. \$75,000.

NEW YORK, N. Y.—H. O. Chapman, Architect, 234 Fifth Avenue, will design seven story, 50 x 100 ft., brick and steel, publishing house, brick foundation, for Street & Smith, 161 West Fifteenth Street. \$125,000.

NEW YORK, N. Y.—The \$10,000,000 office building for the Cunard Line is soon to be

erected at Broadway and Morris Street, New York. Benj. W. Morris and Carrere & Hastings, 52 Vanderbilt Avenue, are the Architects. Todd, Irons & Robertson have the general contract.

NEW YORK, N. Y.—The Fifth Church of Christ Scientist, now located in Aeolian Hall, New York, is to erect on Madison Avenue and Forty-third Street a twenty story building. Arthur D. Pickering, Architect, 103 Park Avenue. \$4,000,000.

NEW YORK, N. Y.—Plans to make this city a world medical college have been announced by Royal S. Copeland, Commissioner of Health. Objects of the New York Association of Medical Education and Science include establishment of a working affiliation of the medical schools, hospitals, laboratories and health facilities of the city. \$50,000,000 will ultimately be spent.

NEW YORK, N. Y.—The Standard Bank is erecting for its exclusive occupancy a building at the northeast corner of Avenue B and Fourth Street, on a plot 25 x 80, with an ell, 20 x 20, on Fourth Street. It will be three stories and basement, finished in stucco. The plans have been conceived by Charles B. Myers, 1 Union Square, and the general contract has been let to I. Langsner.

NORTH CAROLINA

CHARLOTTE, N. C.—Shelby Cotton Mills, J. C. Smith, President, will erect a \$100,000 extension.

REYNOLDS, N. C.—P. J. Reynolds plans to build one story, 63 x 300 ft., brick, school, to be known as P. J. Reynolds Memorial School. C. B. Keen, 1218 Chestnut Street, Philadelphia, Architect. \$50,000.

WILMINGTON, N. C.—Wrightsville Beach Hotel Co. will replace burned structure with five story building. \$65,000.

OHIO

BELLEFONTAINE, OHIO.—R. G. Gotwald, Architect, 54 Gotwald Building, Springfield, soon receives bids for building three story, reinforced-concrete and brick, school for Board of Education. \$100,000.

CLEVELAND, OHIO.—Lakewood Eng. Co., West 117th Street and Beren Road, is having plans prepared by Walker & Weeks, Architects, 1900 Euclid Building, for one story office, 87 x 150 ft., concrete, steel and brick, on West 117th Street. \$75,000.

CLEVELAND, OHIO.—K. V. Painter, Cuyahoga Building, plans to build ten story building, 135 x 360 ft., reinforced-concrete, steel and brick, on East Seventeenth Street and Euclid Avenue. Architect not selected. \$300,000.

CLEVELAND, OHIO.—Euclid Prospect Corporation, care Van Aken & Stock, 6525 Euclid Avenue, plans to build twelve story, 377 x 400 ft., reinforced-concrete, steel and brick hotel, at 2432 Euclid Avenue. Warren & Wetmore, 16 East Forty-seventh Street, New York City, Architects. \$4,000,000.

CLEVELAND, OHIO.—City of Cleveland Memorial Association, care M. Bernstein, 1442 East 105th Street, is having preliminary plans prepared by W. S. Louger, Architect, Marshall Building, for four story, 66 x 346 ft., reinforced-concrete, steel and brick memorial, on Lakeside and Ontario Avenues. \$300,000.

COLUMBUS, OHIO.—Union Clothing Co., Long and High Streets, plans to raise present structure and build six story, 62 x 87 ft., on West Long Street. Architect not selected. \$160,000.

DAYTON, OHIO.—Grafton Reformed Congregation plans to build one story, 60 x 110 ft., stone church, on Grafton Avenue. Architect not selected. \$50,000.

DAYTON, OHIO.—St. Andrews Episcopal Congregation, Buckeye and Pulaski Streets, plans to build stone church. Architect not selected. \$50,000.

DAYTON, OHIO.—Winters National Bank, Second and Main Streets, plans to build five story, 72 x 80 ft., reinforced-concrete and brick bank and office. W. B. Phillips, care F. H. Smith, Engineer, 120 Broadway, New York City, Architect. \$250,000.

MIDDLETOWN, OHIO.—First National Bank, Third and Main Streets, plans to build three to five story bank and store, 70 x 110 ft., reinforced-concrete and brick. \$200,000.

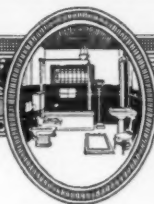
SPRINGFIELD, OHIO.—G. Sun, Main and Limestone Streets, will build two story, reinforced-concrete and brick theater, on Limestone Street. W. F. Miller, Kelly Building, Architect. \$75,000.

SPRINGFIELD, OHIO.—Farmers' National Bank, 9 South Limestone Street, is having plans prepared by Frank Hill Smith Co., Inc., Architects, East Third Street, Dayton, for five story, 85 x 100 ft., reinforced-concrete and brick, bank and store, on High and Limestone Streets. \$200,000.

SPRINGFIELD, OHIO.—Clark County Memorial Committee plans to build memorial hospital here. C. F. McGilvray, Lagrange Avenue and Farlow Street, Chairman. \$500,000.

WEST PARK, OHIO.—Board of Education plans to build two story, 26 x 48 ft., on Settlement Road, \$500,000; two story, 34 x 80 ft., on Longmead Avenue, \$50,000; two

THOMAS MADDOCK'S SONS COMPANY
TRENTON, NEW JERSEY
INSTALLATIONS



Architect: Cass Gilbert, New York
Plumbing Contractors: W. G. Cornell Co., New York

IN THE BUILDING OF THE RODIN STUDIO APARTMENTS

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story, 90 x 90 ft., on Riverside Avenue, \$60,000, all concrete, steel and brick.

YOUNGSTOWN, OHIO.—St. Luke's Lutheran Congregation plans to build 50 x 87 ft. church, on West Evergreen Street and Oak Hill. Architect not selected. \$90,000.

YOUNGSTOWN, OHIO.—First National Dollar Bank plans to build two story, 45 x 200 ft., addition at Central Square, to cost \$150,000, or sixteen story, \$1,000,000.

OKLAHOMA

JENES, OKLA.—City voted \$75,000 bonds to build high school.

TULSA, OKLA.—C. A. and J. D. Mayo, Fifth and Main Streets, plan to build five story, 63 x 140 ft., concrete and steel, store, at 424 South Boulder Street. \$150,000.

TULSA, OKLA.—Trustees of Henry Kendall College, Cleland and Seventh Streets, are having revised plans prepared for brick and stone gymnasium. C. E. Buchner, chairman.

TULSA, OKLA.—R. N. McFarlin, 1610 South Carson Street, plans to build five story store, 100 x 100 ft., on Fourth and Main Streets. W. H. Reynolds, 416 West Second Street, Agent. \$500,000.

TULSA, OKLA.—Shrine and Masonic Building Association, 20 Main Street, between Sixth and Seventh Streets, plans to build three story, 175 x 240 ft., stone temple, on Boston and Seventh Streets. G. Winkler, 414 Palace Building, Architect. \$500,000.

OREGON

PORTLAND, ORE.—Vick Brothers of Salem, agents for the Fordson tractor in the State of Oregon, will erect a \$400,000 building on the east side of East Third Street, between East Madison and Hawthorne Avenue. The plans call for a 100 x 100 ft. structure two stories high.

PORTLAND, ORE.—The Stanley S. Thompson Agency has closed through W. W. Metzger deals calling for a 100 x 100 ft. garage at East Third and Broadway, two stories high, to cost \$25,000; a garage at Union Avenue and Ainsworth, 100 x 100, to cost \$12,000. Another garage is to be built on Hawthorne Avenue, between East Seventh and East Eighth Streets, by C. Q. McClaren, who prepared the plans. The garage will be occupied by Irvine Brothers. \$20,000.

PORTLAND, ORE.—Sutton & Whitney, Lewis Building, Portland, have plans under way for a new county hospital, on Marquam Hill.

PORTLAND, ORE.—Houghtaling and Dugan, Portland, have prepared plans for a laundry and dry cleaning plant for the Frank Co., East Seventh and Pine Streets.

PORTLAND, ORE.—Mitchell, Lewis & Staver have selected Houghtaling & Dugan to design a business structure, 100 x 139 ft., three story, reinforced-concrete, on Broadway and Everett Street. \$80,000.

SALEM, ORE.—Oregon Pulp & Paper Co. will soon receive bids for building a reinforced concrete paper and sulphite pulp mill on Willamette River. C. E. Eaton, Sherman Building, Watertown, N. Y., Engineer. \$1,000,000.

PENNSYLVANIA

PHILADELPHIA, PA.—Sears, Roebuck & Co., Boston, has purchased a tract containing between thirty and forty acres of land on the Roosevelt Boulevard, where a \$2,000,000 distributing plant is to be erected. Several thousand persons will be employed there.

PHILADELPHIA, PA.—A. Fimmore, 902 Tenth Street, soon lets contract for building four story, 30 x 40 ft., brick, steel and timber, warehouse. H. D. Dagitt, 4527 Pine Street, Architect.

TYRONE, PA.—Altoona & Logan Valley Railway Co., a subsidiary of the American Railway Co., Witherspoon Building, Philadelphia, is considering plans for the erection of a large new addition to its power plant at Tyrone. It is said the project is to involve an expenditure of about \$500,000.

RHODE ISLAND

PAWTUCKET, R. I.—J. & P. Coats, Inc., plans to construct a two story, 50 x 80 ft., addition to mill and two story, 70 x 80 ft., rest and dining room building, reinforced-concrete and steel, reinforced-concrete flooring, concrete foundation, etc. \$50,000.

PROVIDENCE, R. I.—Page & Page, Architects, 87 Weybosset Street, will soon receive bids for building a one story, 93 x 106 ft., brick and mill construction, garage, reinforced concrete flooring, concrete foundation, on Pine Street, for M. Hall, care architect. \$30,000.

WOONSOCKET, R. I.—McClintock & Craig, Engineers, 33 Lyman Street, Springfield, Mass., proposes building one and two story, 60 x 120 ft., brick and concrete, dyeing and finishing plant for Gold Mark Knitting Co., Water Street. \$300,000.

TENNESSEE

BLOUNTVILLE, TENN.—A courthouse to cost \$50,000 is proposed, one story, brick and Bedford limestone. Address Clerk, Sullivan County Courthouse, Blountville, Tenn.

TEXAS

ATHENS, TEX.—Work will begin soon here on a \$60,000 structure to replace the old Deen Hotel. The new hotel will be built on the site where the old hotel stands, on the south side of the square. George M. Wofford, John W. Murchison and J. T. LaRue of Athens arranged the financial end of the project.

ATHENS, TEX.—A new high school will be built here this summer on the old Bruce Academy site, on Corsicana Street, in the eastern part of the city. The building will be modern in every respect. \$100,000.

DALLAS, TEX.—A twelve story office building will be built at Main and Lamar Streets by Charles L. Sanger of Dallas. \$900,000.

DENTON, TEX.—Building activity is increasing rapidly here now, with the beginning of the construction of the new \$75,000 Federal building and a number of new residences.

FORT WORTH, TEX.—A new \$2,000,000 hotel, corner Eighth and Main Streets, will be erected.

FORT WORTH, TEX.—Texas Christian University has just authorized erection of three new buildings.

FORT WORTH, TEX.—A site has been obtained for the erection of the Carpenters' Union Hall. \$80,000.

FORT WORTH, TEX.—First Christian Church will erect a home for working girls in Fort Worth. \$100,000.

FORT WORTH, TEX.—Ramsey Bros. will erect a store building in this city, at Ninth and Houston Streets. \$750,000.

FORT WORTH, TEX.—Chevrolet Motor Co. will add another story to its plant on Arlington Heights Boulevard. Butcher, Sweeney & Friedman have the contract. \$150,000.

FORT WORTH, TEX.—Clarkson & Gaines, Fort Worth, Architects, have prepared plans for a \$85,000 building on Second and Taylor Streets for the Cooke Boyd Water Co., three stories, 80 x 100 ft. Contract awarded to Christy & Dolph Construction Co.

JONESBORO, TEX.—A hotel has been promoted by the Chamber of Commerce and will soon be erected. \$150,000.

SAN ANTONIO, TEX.—City will vote on \$500,000 bonds to build auditorium. H. Heland, City Engineer.

WACO, TEX.—Lockwood Green, 101 Park Avenue, New York, have plans to erect a cotton mill for the Miller Cotton Mills at Waco. \$750,000.

WICHITA FALLS, TEX.—The Perkins-Timberlake Company has purchased a plot of ground, 100 x 150 ft., at Indiana Avenue and Ninth Street, and awarded a contract for the construction of a store building. The structure will be of brick and reinforced-concrete, with exterior ornamentation in terra cotta, fireproof throughout.

WICHITA FALLS, TEX.—A moving picture theater will be erected for Dye, Ford & Rogers, who have a chain of amusement houses in Amarilla, Plainview and Canyon. \$125,000.

WICHITA FALLS, TEX.—W. B. McClurkin & Co. bought property at Ninth Street and Indiana Avenue, 100 x 150 ft., in size, on which the firm will, in the near future, erect a store building three stories and basement.

UTAH

PANGUITCH, UTAH.—L. B. Church will build three story, 60 x 75 ft., brick hotel, on Main Street, Cannon & Petzes, Templeton Building, Salt Lake City, Architects and Engineers. \$60,000.

VERMONT

WINDSOR, VT.—Windsor Foundry Corp. has been incorporated with capital of \$200,000. The new company has purchased the Windsor plant of the Cooley-Wright Manufacturing Co. of Waterbury, Vt. The plans for proposed plant call for a building 80 x 200 ft., and with all modern equipment.

VIRGINIA

HAMPTON ROADS, VA.—Bureau of Yards and Docks, Navy Department, Washington, has had plans prepared for an industrial building here. \$325,000.

LYNCHBURG, VA.—The sum of \$100,000 will be spent to acquire property and erect a building at 916 Main Street. Hyman Berman, Secretary.

NORFOLK, VA.—St. Andrew's Congregation plans to build one story church. Peebles & Ferguson, Law Building Architects. \$50,000.

RICHMOND, VA.—Planters National Bank, Twelfth Street, plans to build one story, brick and stone bank, on East Main Street. Carnell & Johnston, 707 Chamber of Commerce Building, Architects. \$200,000.

RICHMOND, VA.—Johnston-Willis Hospital, Sixth and Franklin Streets, plans to build a six story hospital, on Boulevard and Kensington Streets. \$200,000.

RICHMOND, VA.—Johnston-Willis Hospital, Sixth and Grace Streets, plans to build four story nurses' home, on Kensington Avenue. \$80,000.

RICHMOND, VA.—Union Theological Seminary, Ginter Park, plans to build two story, 60 x 160 ft., brick, Sunday School. Baskerville & Lambert, Travelers Building, Architects. \$50,000.

WILLIAMSBURG, VA.—Board of Education plans to build school. H. V. Vaden, Superintendent. Carnell & Johnston, 707 Chamber of Commerce Building, Richmond, Architects. \$50,000.

WASHINGTON

BELLINGHAM, WASH.—First Christian Congregation plans to build three story, 100 x 150 ft., brick church, on Dock Street. \$60,000.

BREMERTON, WASH.—A one story concrete office building, 35 x 80 ft., will be erected on Burwell Street, Bremerton, from plans drawn by E. W. Houghton, Architect, Lumber Exchange Building, Seattle. The building is to be occupied by the Puget Sound Loan & Investment Co. of Seattle and Bremerton.

CHEHALIS, WASH.—State Board of Control, Olympia, is having plans prepared by J. Zittel, Architect, Jameison Building, Spokane, for gymnasium and industrial shop at Boys' Training School. \$60,000.

ORTIGO, WASH.—State Board of Control, Olympia, is having plans prepared by J. Zittel, Architect, Jameison Building, Spokane, for barracks and warehouse on State grounds, for Soldiers' Home. \$85,000.

SEATTLE, WASH.—Central Labor Council plans to build labor temple. \$1,500,000.

SEATTLE, WASH.—Essanay Investment Co. proposes the construction of a ten story store and hotel, on First Avenue and Pike Street. Architect not yet selected. \$400,000.

SEATTLE, WASH.—Architect Wm. Mallis, Lyon Building, Seattle, has plans perfected for a \$35,000 brick school to be erected in Maple Valley.

SEATTLE, WASH.—A one story masonry building, 153 x 112 ft., will be erected at 700 Mercer Street by J. W. Johnson, Contractor, for H. L. Hansen, from plans prepared by Architect Sherwood D. Ford, Lyon Building. The building will be occupied as a rubber factory by the West Coast Rubber Co., 406 Occidental Avenue. \$30,000.

SEATTLE, WASH.—A four story warehouse, designed by Architect John Graham, L. C. Smith Building, will go up on Western Avenue and University Street. \$125,000.

SEATTLE, WASH.—H. Bittman, Securities Building, Seattle, has completed plans covering the construction of a three story store on Twelfth and Madison Streets, for Chanslor & Lyon Co., auto accessory dealers. \$60,000.

SPOKANE, WASH.—The School Board plans to spend approximately \$100,000 during the coming year for various improvements as follows: \$12,000 for the alterations and additions at the North Central High School; \$1,000 for Lewis and Clark; cost of the site of the Rockwood school; the new unit for the Irving school and putting the old building into thorough repair.

SPOKANE, WASH.—Northwest Mission Conference of Swedish Evangelical Church is having plans prepared by J. A. Creutzer, Architect, Leary Building, Seattle, for three story home, in Pasadena Park. \$100,000.

SPOKANE, WASH.—A health institution and school, to be known as a "sanpractorium," will be erected by the Washington Association of Druggists Physicians. \$100,000.

TACOMA, WASH.—Linnard Hotel Syndicate, care C. E. Moore, representative, 919 South M Street, is having plans prepared by K. K. Cutter, Architect, Eller Building, Spokane, for fireproof hotel. \$1,500,000.

WEST VIRGINIA

CHARLESTOWN, W. VA.—This city will spend \$1,000,000 for a new city jail, two public comfort stations and additions to the city hall. Architect not yet selected. Address the Mayor.

HUNTINGTON, W. VA.—Standard Oil Co. of New Jersey has acquired two acres here and will erect a distributing plant. \$100,000.

HUNTINGTON, W. VA.—State Board of Control, Charleston, proposes constructing two story, 86 x 156 ft., brick, reinforced-concrete and steel, Physical Educational Building at Marshall College. \$106,000.

WISCONSIN

NEENAH, WIS.—Masonic Lodge, 145 West Wisconsin Avenue, is having plans prepared by R. A. Messmer & Bros., Architects, 221 Grand Avenue, Milwaukee, for three story, 60 x 120 ft., brick, terra cotta and stone, temple. E. J. Lackmann, Water Street, Chairman. \$60,000.

VIROQUA, WIS.—City is having plans prepared by Parkinson & Do-kendorf, Architects, Linker Building, La Crosse, for two story, 40 x 38 ft., hospital. \$50,000.

WAUWATOSA, WIS.—Herbst & Kuenzil, Architects, 114 Grand Avenue, Milwaukee, soon let contract for building one story, 108 x 160 ft., brick concrete and stone, for First Congregational Church. \$50,000.



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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

LODI, CAL.—The Lodi Christian Church will erect a church. \$40,000.

MARYSVILLE, CAL.—C. W. Burrell, Architect, First Trust Building, Oakland, soon receives bids for building four story, 119 x 160 ft., reinforced-concrete and brick hotel, for Coyt Investment Co., 306 Fourteenth Street, Oakland. \$250,000.

NAPA, CAL.—R. B. Blumenfeld of Empire theater has purchased Brown Hotel property and will erect a playhouse. \$40,000.

OAKLAND, CAL.—Kahn's Department Store plans to build addition to store, on Sixteenth Street and Broadway. \$600,000.

PASADENA, CAL.—Board of Education, Chamber of Commerce Building, is having plans prepared by J. C. Austin, Architect, 1125 Baker-Detwiler Building, Los Angeles, for group of buildings for athletic field at high school, to include 100 x 160 ft. gymnasium, locker and dressing rooms, etc.

POMONA, CAL.—Trustees of Pacific Colony, 2019 West Washington Street, Los Angeles, is having plans prepared by W. F. McClure, State Architect, Forum Building, Sacramento, for building institution for feeble-minded, on Valley Boulevard. \$100,000.

SACRAMENTO, CAL.—Will C. Wood, State Superintendent of Public Instruction, states that millions of dollars are to be appropriated for the prompt erection of school buildings in California.

SACRAMENTO, CAL.—Fort Sutter Bank plans to build bank, on Seventh and K Streets Weeks & Day, Phelan Building, San Francisco, Architects. \$1,000,000.

SAN FRANCISCO, CAL.—A free public market is reported in contemplation by McCreery Estate Co., 221 Sanson Street. It will go up at Market and Eighth Streets. \$300,000.

CONNECTICUT

EAST HARTFORD, CONN. (Hartford P. O.)—Town plans to complete unfinished rooms in new high school, on Chapman Street. P. S. Bryant, 847 Main Street, Hartford, Commissioner. \$50,000.

GLASTONBURY, CONN.—Town plans to build two one story brick schools. W. H. McLean, 110 Tremont Street, Boston, Architect. \$55,000.

GROTON, CONN.—Town is having plans prepared for building one story, 65 x 100 ft., concrete, steel and brick, school. Bilderbeck & Langdon, Inc., Barrows Building, New London, Architects. \$50,000.

HARTFORD, CONN.—South School District is having preliminary plans prepared by Whitton & McMahon, Architects, 36 Pearl Street, for building two story brick addition to school on Wethersfield Avenue. R. S. Winsella, Chairman.

HARTFORD, CONN.—The Hartford Rubber Company will triple the size of its plant by the addition of several buildings, increasing its yearly payroll from \$2,500,000 to more than \$7,500,000. Charles B. Whittlesey, President.

HARTFORD, CONN.—City is having plans prepared for building three story addition to A. E. Burr School, on Wethersfield Avenue, reinforced-concrete, steel and brick. Whitton & McMahon, 36 Pearl Street, Architects. \$125,000.

MIDDLETOWN, CONN.—City is having plans prepared for building two story concrete, steel and brick addition to Johnson School, on Greene Street. Brown & Von Beren, 185 Church Street, New Haven, Architects. \$75,000.

NEW BRITAIN, CONN.—Adkins Printing Co., 66 Church Street, plans to build addition to present printing plant. \$50,000.

NEW BRITAIN, CONN.—City plans to build school in western section. \$200,000.

NEW BRITAIN, CONN.—Hart & Hutchinson Co., Corbin Avenue, propose building one story, 77 x 340 ft., brick and steel, factory addition. \$70,000.

NEW HAVEN, CONN.—State Board of Health, Capitol, Hartford, plans to build laboratory, in Huntington Street, here. \$100,000.

NEW HAVEN, CONN.—Brown & Von Beren, Architects, have plans for business building, 185 Church Street, four story, reinforced-concrete, on Chapel Street, for Besse, Ritchey & Co., 784 Chapel Street. \$50,000.

NEW LONDON, CONN.—Oher Shalom Congregation soon lets contract for building two story, 40 x 82 ft., brick synagogue, reinforced-concrete flooring and concrete foundation, on Blinnman Street. Reuben Lubshansky, North Main Street, President. \$50,000.

PLAINVILLE, CONN.—Burnbaum & Menus, 66 Arch Street, New Britain, is having plans prepared for building store. C. C. Palmer, 272 Main Street, New Britain, Architect. \$50,000.

PETRAM, CONN.—Mainasset Mfg. Co. contemplates building two story, 100 x 200 ft., brick and mill construction mill. \$125,000.

SOUTH MANCHESTER, CONN.—Manchester Trust Co., 1907 Main Street, plans to build brick and stone bank. \$60,000.

THOMPSONVILLE, CONN.—Town of Enfield plans to build new fireproof high school. Address H. R. Cooper, Thompsonville. \$150,000.

WAREHOUSE POINT, CONN.—Hartford County Home, Hartford, is having plans prepared for building new school, hospital, heating plant and dormitory. M. J. Unkelbach, 162 Main Street, New Britain, Architect. \$200,000.

WATERBURY, CONN.—Scoville Mfg. Co., 99 Mill Street, plans to build office building and garage, on Cole, Baldwin and Mill Streets. \$125,000.

WATERBURY, CONN.—St. Margaret's School, Rose Hill, is having plans prepared for building three story school, reinforced-concrete, steel and brick addition, on Grove and Cook Streets. Murphy & Dana, 311 Madison Avenue, New York City, Architects. \$100,000.

WEST HARTFORD, CONN.—Town is having plans prepared by W. T. Marchant, Architect, 86 Pearl Street, Hartford, for building two story, 100 x 100 ft., brick, steel and concrete, high school, on South Main Street. \$100,000.

WILLIMANTIC, CONN.—Knights of Columbus, 751 Main Street, plan to build two story clubhouse, on Pleasant Street. \$50,000.

FLORIDA

FOUNTAIN, FLA.—St. Andrew Bay Lumber Co., Millville, plans to establish plant here. \$150,000.

MILLVILLE, FLA.—St. Andrew Bay Lumber Co. plans to improve plant. \$40,000.

ILLINOIS

MOLINE, ILL.—Whitsitt & Schulzke, Architects, 610 Peoples' Bank Building, will design one story, 40 x 100 ft., reinforced-concrete and cut stone, bank, on Fifth Avenue and Sixteenth Street, for Fifth Avenue Trust & Savings Bank. \$70,000.

MOLINE, ILL.—Whitsitt & Schulzke, Architects, 610 Peoples' Bank Building, will prepare plans for one story, 100 x 128 ft., brick, school, on Sixteenth Avenue and Twenty-fifth Street, for Board of Education. \$80,000.

ROCK ISLAND, ILL.—Cervin & Horn, Architects, 310 Safety Building, will build 90 x 150 ft., reinforced-concrete, theater, on Nineteenth Street and Third Avenue, for Rosenfield-Hopp Co. \$250,000.

INDIANA

GARY, IND.—Gary Methodist Episcopal Hospital, care Schmidt, Garden & Martin, Architects, 104 South Michigan Avenue, Chicago, is receiving bids for building five story, 110 x 130 ft., brick and reinforced-concrete, hospital. \$400,000.

OAKLANDON, IND.—Commissioners of Marion County will build tuberculosis hospital here.

PRINCETON, IND.—A colosseum will be erected in memory of the soldiers of all wars, as per report of Gibson County Commissioner. \$150,000.

IOWA

BELLE PLAINE, IOWA.—Methodist Congregation is having plans prepared by Liebke, Nourse & Rasmussen, Architects, 524 Utica Building, Des Moines, for two story church. \$50,000.

CLINTON, IOWA.—Our Lady of Angels Academy plans to build addition. \$200,000.

CLINTON, IOWA.—Jane Lamb Memorial Hospital is having plans prepared by Schmidt, Garden & Martin, Architects, 104 South Michigan Avenue, Chicago, for four story, 38 x 133 ft., brick and reinforced-concrete, addition. \$200,000.

SHUX CITY, IOWA.—Hawkeye Mfg. Co., 2700 Floyd River Road, plans to build 75 x 145 ft. addition to factory. \$30,000.

STORM LAKE, IOWA.—Buena Vista College plans to build gymnasium. W. C. Edson, Chairman, Board of Directors. \$50,000.

WHITING, IOWA.—Board of Education voted \$150,000 bonds to build school.

KANSAS

FORT DODGE, KAN.—State is having plans prepared by R. L. Gamble, Architect, Topeka, for two story, 40 x 51 ft., reinforced-concrete, steel and brick, Soldiers' Home, with two wings, 35 ft. long. \$75,000.

HUTCHINSON, KAN.—E. Colson is having plans prepared by W. E. Hulse & Co., Architects, Hutchinson, for six story, 60 x 150 ft., reinforced-concrete, steel and brick hotel. \$100,000.

HUTCHINSON, KAN.—R. E. Johnson is having plans prepared by W. E. Hulse & Co., Architects, Hutchinson, for one story, reinforced-concrete, steel and brick, theater. \$100,000.

INDEPENDENCE, KAN.—Commercial National Bank will erect a seven story structure on Pennsylvania Avenue and West Myrtle Street.

OSAGE CITY, KAN.—First Presbyterian Congregation is having plans prepared by W. E. Hulse & Co., Architects, Hutchinson, for two story, reinforced-concrete, steel and brick, church. \$50,000.

PASADENA, KAN.—Board of Education will build two story, 72 x 84 ft., concrete, steel and brick, school. H. R. Primmer, Nevada, Mo., Architect. \$53,000.

KENTUCKY

LOUISVILLE, KY.—Southern Baptist Theological Seminary, 729 South Fifth Street, acquired site on Brownsboro Road, near Reservoir Park, and plans to build seminary, to include lecture hall, president's office, chapel, library, administration building, two dormitories, gymnasium, commons and power house, etc. Project also includes driveways, recreation fields, etc.

LOUISIANA

NEW ORLEANS, LA.—Charity Hospital Tulane Avenue, is having plans prepared by A. W. Levin, Engineer, care Association Commerce, 635 Common Street, for two story, concrete, steel and brick, power house, on Tulane Avenue. \$90,000.

MARYLAND

BALTIMORE, MD.—Luther Memorial Lutheran Congregation plans to build one and two story, 75 x 150 ft., stone and brick, church, on Guilford Terrace and University Parkway. L. L. Sieber, 345 Ilchester Avenue, Pastor. J. Freund, 11 East Lexington Street, Architect. \$100,000.

BALTIMORE, MD.—St. Mary's Industrial School, Wilkins Avenue, plans to build four story, 63 x 131 ft., reinforced-concrete and brick dormitory and 30 x 75 ft. concrete swimming pool. H. I. Kavanaugh, 913 North Charles Street, Architect. \$200,000.

BALTIMORE, MD.—Johns Hopkins University Alumni Association is raising \$300,000 fund to build memorial dormitory on university grounds at Homewood. G. L. Radcliffe, Fidelity Building, Chairman, Executive Committee.

HIGHLANDTOWN, MD. (Baltimore P. O.)—Jones & Lamb Co., Pennsylvania and Fulton Avenues, soon lets contract for remodeling plant of Monumental Brewery Co. and constructing several reinforced-concrete, steel and brick buildings, on Lombard Street. \$500,000.

MASSACHUSETTS

BELMONT, MASS.—August Johnson Co., Davis Square, Somerville, Mass., is to construct eight residences on Cedar Road, Belmont, Mass., from designs of Walter T. Littlefield, Architect, 9 Hamilton Place, Boston, Mass. \$10,000 each.

BOSTON, MASS.—E. J. Dolerty, North Margin Street, is having plans drawn for one story garage of brick and concrete, 90 x 230 ft., to be constructed on Main Street, Charlestown District, Boston, Mass., corner of Stage Street. Architect, Walter T. Littlefield, 9 Hamilton Place, Boston, Mass. \$50,000.

BOSTON, MASS.—Old South Trust Co., Boston, Mass., is constructing new bank quarters in Old South Building, Boston, Mass. Architect, Walter T. Littlefield, 9 Hamilton Place, Boston, Mass. \$30,000.

FALL RIVER, MASS.—L. E. Danforth, 76 Dorrance Street, Providence, R. I., soon receives bids for one story, 100 x 156 ft., garage, reinforced-concrete, steel and brick, on Main Street. \$70,000.

GREENFIELD, MASS.—G. W. Wilcox, Federal Street, plans to build three story business building. \$50,000.

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LEXINGTON, MASS.—Town appropriated \$75,000 to build school on Bedford Street. Address J. W. Swan, Clerk.

NEEDHAM, MASS.—Needham Tire Co. is constructing new tire factory at Needham, Mass., from plans of Walter T. Littlefield, 9 Hamilton Place, Boston, Mass. Size 60 x 100 ft. \$60,000.

SOMERVILLE, MASS.—Somerville Hospital Corporation is having plans prepared for additions to hospital in Somerville, Mass., by Walter T. Littlefield, 9 Hamilton Place, Boston, Mass. \$30,000.

SPRINGFIELD, MASS.—Wason Mfg. Co., Brightwood, plans to build two story, brick and concrete, addition to factory, here. \$100,000.

WORCESTER, MASS.—Worcester Housing Corporation soon receives bids for building sixty two story, brick, workmen's houses, on four sites. J. D. Leland, 7 Water Street, Boston, Architect. \$250,000.

MICHIGAN

CADILLAC, MICH.—First Methodist Congregation is having plans prepared by W. E. N. Hunter, Architect, 1306 Chamber of Commerce, Detroit, for one story, 80 x 80 ft., brick, church. \$50,000.

DETROIT, MICH.—P. J. Rosello, Architect, 406 Congress Building, has perfected plans for building two story, 60 x 118 ft., brick and steel, clubhouse, on Farnsworth and Russell Streets, for Deftapape Romane Society, care architect. \$65,000.

DETROIT, MICH.—L. Kamper, Associated Architect, 753 Book Building, is receiving bids for one story, 112 x 220 ft., church, three story, 56 x 58 ft. rectory and 36 x 38 ft. garage, concrete, brick and steel, for St. Hyacinth Congregation. McDougall and Frederick Avenues. S. I. Kikiewicz, 888 Frederick Avenue. Pastor. E. Briemaier & Sons, 432 Broadway, Milwaukee, Wis., Architects. \$250,000.

DETROIT, MICH.—J. McNamara, President, Public Welfare Commission, City Service Building, will build four story, 50 x 87 x 216 ft., reinforced-concrete, brick and steel, hospital, on St. Antoine and Macomb Streets. J. Scott & Co., 2326 Dime Bank Building, Architects. \$420,000.

FLINT, MICH.—Genesee Co. soon lets contract for building two story, reinforced-concrete, brick and steel, juvenile detention home. G. H. Swift, 105 Armory Building, Architect. \$160,000.

HIGHLAND PARK, MICH. (Detroit P. O.)—Board of Education, Gerald Avenue, is having plans prepared by W. H. Adams and Butterfield & Butterfield, Architects and Engineers, Vinton Building, Detroit, for two story reinforced-concrete and brick addition to Willard School, on Hamilton Boulevard and Waverly Avenue. \$300,000.

JACKSON, MICH.—Jackson County soon receives bids for building four story, 46 x 145 ft., reinforced-concrete, brick and steel, hospital. E. F. Stevens, care H. B. Neagle, Architect. \$90,000.

ST. CLAIR, MICH.—Board of Education is having plans prepared by Perkins, Fellows & Hamilton, Architects, 814 Tower Court, Chicago, for two story, brick and timber, school. \$150,000.

MINNESOTA

AURORA, MINN.—School District No. 13 will build three story, reinforced-concrete, brick and steel, high school. Tyrie & Chapman, 320 Auditorium Building, Minneapolis, Architects. \$150,000.

BEMIDJI, MINN.—M. Kaplan is receiving bids for three story, 50 x 140 ft., store, hotel and apartment building. \$50,000.

MINNEAPOLIS, MINN.—Federal Reserve Bank, New York Life Building, purchased site on Marquette Avenue and Fifth Street and plans to build bank. \$1,500,000.

MINNEAPOLIS, MINN.—Chamber of Commerce, Fourth Avenue and Third Street, is having plans prepared by Bertrand & Chamberlain, Architects and Engineers, 616 North West Bank Building, for twelve story office, 130 x 195 ft., reinforced-concrete. \$810,000.

MINNEAPOLIS, MINN.—Farwell, Ozmun, Kirk & Co., Fairfield Avenue and Water Street, is having preliminary plans prepared for six story, 110 x 300 ft., reinforced-concrete and brick, addition to storage and distributing plant. \$200,000.

MORRIS, MINN.—State Board of Control, Capitol, St. Paul, will build two story, 45 x 120 ft., boys' dormitory, at State Farm, here. C. L. Pillsbury Co., Metropolitan Life Building, Minneapolis, Engineers. C. H. Johnson, 715 Capital Bank Building St. Paul, Architect. \$75,000.

NASHUA, MINN.—Board of Education is having revised plans prepared by Tyrie & Chapman, Architects, 320 Auditorium Building, Minneapolis, for grade and high school here. \$300,000.

ST. PAUL, MINN.—C. Weinagen & Co., 480 Jackson Street, plans to build four story, 110 x 230 ft., reinforced-concrete and brick, factory and office, on Fourteenth Street, near Pine Street. C. Weinagen, President. \$200,000.

ST. PAUL, MINN.—C. A. Hausler, City Engineer, is receiving bids for two story, 34 x 82 ft., reinforced-concrete, addition to Galtier School, on Charles Street and Hamilton Avenue. \$50,000.

WINONA, MINN.—State Board of Control, St. Paul, will build three story, 46 x 130 ft., reinforced-concrete and brick, dormitory here for women. C. H. Johnston, 715 Capital Bank Building, St. Paul, Architect and Engineer. \$100,000.

MISSOURI

MEXICO, MO.—Hardin College plans to construct five one to three story buildings, on campus, to include dormitory, academic building, hospital, observatory and heating plant. J. W. Million, President. \$260,000.

ST. JOSEPH, MO.—Roberts Cone Co., 709 North Third Street, plans to build five story, 100 x 140 ft., reinforced-concrete, steel and brick, factory, on Third Street. \$200,000.

ST. LOUIS, MO.—Laclede Investment Co., 5323 Ridge Avenue, plans to build seven story, 150 x 207 ft., fur storage building, on Fourth and Market Streets. N. R. Darragh, President. \$100,000.

ST. LOUIS, MO.—Masonic Temple Association, Grand Street and Finney Avenue, is having plans prepared by W. B. Ittner, Architect, Board of Education Building, for 302 x 325 ft., temple, on Grand and Lindell Streets. K. Vetsburg, Chairman, Building Commission. \$1,000,000.

ST. LOUIS, MO.—Scottish Rite Cathedral Association, 7 Westmoreland Place, is having plans prepared by W. B. Ittner, Architect, Board of Education Building, for 150 x 200 ft., cathedral, on Lindell Street, near Grand Avenue. A. G. Cochran, President. \$1,000,000.

UNIVERSITY CITY, MO. (St. Louis P. O.)—Board of Education plans to build two grade schools and addition to high school. L. T. Ward, 8 Princeton Place, President. \$220,000.

PORTLAND, MO.—Vick Bros., 264 North High Street, plans to build two story, 100 x 100 ft., concrete and brick, warehouse, on East Third Street. \$50,000.

MONTANA

FORSYTH, MONT.—Rosebud County will have vote on \$70,000 bonds to build hospital. Melver, Colagen & Marshall, 407 Electric Building, Billings, Architects.

SIDNEY, MONT.—Richland County will vote on \$50,000 bonds to build courthouse. L. Linker, Clerk.

WOLF POINT, MONT.—H. A. Frenz, Architect, is preparing plans for a theater for Cristad & Severson, owners, of the Glacier Theater. \$30,000.

NEBRASKA

OMAHA, NEB.—M. F. Shafer, President, American Bank Building Co., Eighteenth and Farnam Streets, is having preliminary plans prepared by J. A. McDonald, Architects, 908-12 Omaha National Bank Building, for twenty story, 90 x 133 ft., steel and brick, bank, stores and offices, on Nineteenth and Farnam Streets. \$1,250,000.

OMAHA, NEB.—H. A. Salisbury and T. R. Kimball, Architects, 836 World-Herald Building, are preparing plans for one story, 60 x 120 ft., brick and stone, church, on Forty-first and Farnam Streets, for McCabe Methodist Church. \$60,000.

OMAHA, NEB.—Sinclair Refining Co., 111 West Washington Street, Chicago, Ill., is having plans prepared by company's engineers for building 102 x 132 ft. garage, two story, 100 x 160 ft., reinforced-concrete, warehouse, machine shop coorage and barreling plant, on Eleventh and Seward Streets; also series of service stations at various locations throughout city. W. T. Dinkins, 901-5 Woodmen of World Building, Local Manager. \$250,000.

OMAHA, NEB.—John McDonald has prepared plans for the erection of a building which the American State Bank will build at 192 Farnam Street. \$2,000,000.

NEW JERSEY

JERSEY CITY, N. J.—American Grocers' Association, 183 Morgan Street, plans to build five story, 100 x 100 ft., reinforced-concrete, warehouse, on West Side Avenue. F. Grad, 245 Springfield Avenue, Newark, Architect. \$150,000.

PHILADELPHIA, N. J.—Warren County Memorial Association plans to build hospital. Address D. Swern, care Berlin-Swern & Randall. \$185,000.

TRENTON, N. J.—St. Paul's Episcopal Congregation, care Sutphin, 3-7 Spring Street, is having plans prepared by G. E. Savage, Architect, Witherspoon Building, Philadelphia, for one to three story church, 52 x 115 ft., on Fishers Place. \$60,000.

TRENTON, N. J.—Board of Education, 9 South Stockton Street, plans to build three story, brick and stone, addition to Jefferson School, on Brunswick Avenue. W. A. Poland, 1 Woodside Avenue, Architect. \$190,000.

WESTFIELD, N. J.—Peoples Bank & Trust Co. plans to build bank on Elm Street. \$50,000.

NEW YORK

BROOKLYN, N. Y.—Adelphi College, Clifton Street and St. James Place, is having preliminary plans prepared by McKim, Mead & White, Architects, 101 Park Avenue. New York City, for four story brick and steel college, on Washington Avenue. \$800,000.

BUFFALO, N. Y.—Wm. J. Connors, proprietor of Buffalo Courier and Buffalo Enquirer, has permit to erect a thirty story building for newspaper purposes on 246 Main Street.

JOHNSON CITY, N. Y.—R. C. Pratt plans to build artificial ice plant, reinforced-concrete and brick. \$175,000.

NEW YORK, N. Y.—Ballinger & Perrott, Architects and Engineers, 47 West Thirty-fourth Street, are preparing plans for building nine story brick, steel and reinforced-concrete addition, on Spring and Varick Streets, for Butterick Publishing Co. \$1,200,000.

NEW YORK, N. Y.—A hotel will be erected by D. M. Linnard Co., on a site at Park Avenue and Fifty-first Street. \$7,000,000.

NEW YORK, N. Y.—J. S. Hannon, 445 West Sixteenth Street, will erect two story, 72 x 75 ft., brick and steel, garage, at 433-437 West Sixteenth Street. J. S. Maher, 431 West Fourteenth Street, Architect and Engineer. \$50,000.

NEW YORK, N. Y.—The Stratford Hotel will be erected at Seventy-fourth Street and West End Avenue from plans by Schwartz & Gross; fourteen stories. \$1,700,000.

NEW YORK, N. Y.—Krim Realty Co., 426 West Fourteenth Street, is having plans prepared by M. Schwartz, Architect, 309 Broadway, for three story, 25 x 166 ft., brick and steel store and office, at 143 West Thirty-third Street. M. Krim, President. \$100,000.

NEW YORK, N. Y.—St. Regis Lunch Co., care A. Levingston, Architect and Engineer, 405 Lexington Avenue, is having plans prepared for three story, 60 x 100 ft., brick, steel and stone store and loft, at 42-46 West Thirty-third Street. \$80,000.

ROCHESTER, N. Y.—Rosenberg Bros. & Co., 436 Portland Street, plan to build four story, 55 x 299 ft., addition to clothing factory, at Fashion Park. \$200,000.

ROCHESTER, N. Y.—Sargent & Greenleaf Co., Court Street, plans to build brick factory covering 50,000 sq. ft. floor space. Address W. H. Foxall, Vice-President. \$175,000.

SCHENECTADY, N. Y.—M. Spiegel, Strand Theater Building, New York City, soon lets contract for altering exterior and interior of two story, brick, steel and stone, theater, here. De Rosa & Pereira, 110 West Fortieth Street, New York City, Architects. \$100,000.

TROY, N. Y.—An armory will be erected in Troy, N. Y. from plans prepared by State Architect Lewis F. Pilcher, Albany, N. Y. \$475,000.

TROY, N. Y.—State Armory Commission, Telephone Building, Albany, had plans prepared for brick armory, to consist of two story, 50 x 180 ft., administration building and 192 x 206 ft. drill shed. L. F. Pilcher, Capitol, Albany, State Architect. \$475,000.

NORTH CAROLINA

CHARLOTTE, N. C.—Scottish Rite Cathedral Association, Inc., has acquired property at East Avenue and Division St., where a cathedral will be erected. \$300,000.

WILSON, N. C.—Benton & Benton, Architects, Wilson, will build three story, 115 x 130 ft., brick business building, on Barnes and Lodge Streets, for B. Harrell Co., Wilson. \$50,000.

NORTH DAKOTA

BISMARCK, N. D.—Knights of Columbus is having plans prepared for building five story, brick, club. \$150,000.

FARGO, N. D.—Oak Grove Seminary plans to build seminary. T. T. Fjelstad, Coopers-town, Secretary. \$65,000.

OHIO

AKRON, OHIO.—Board of Education will build three story, 100 x 200 ft., reinforced-concrete, steel and brick, school, on Diagonal Road. T. R. Ridley, Cottage Place, Architect. \$260,000.

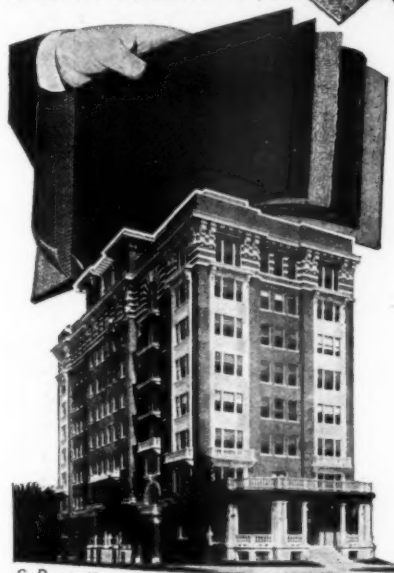
AKRON, OHIO.—Goodrich Rubber Co. is razing small buildings and will replace with eight story reinforced-concrete structure, 170 x 300 ft.

AKRON, OHIO.—Swirsky & Miller, Architects, Peoples Trust & Savings Building, will build three story, 50 x 110 ft., brick and steel factory and warehouse, for Akron Mattress Co., Railroad and Miami Streets. \$80,000.

CANTON, OHIO.—C. E. Firestone, Canton, Architect, has prepared plans for a hotel, seven stories, on Market Avenue and Sixth Street, for the Canton Pythian Castle Co. \$325,000.



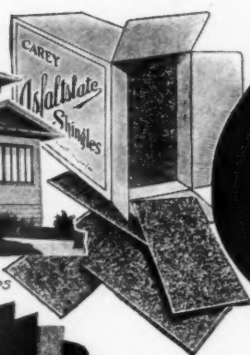
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Kansas City—
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Cincinnati
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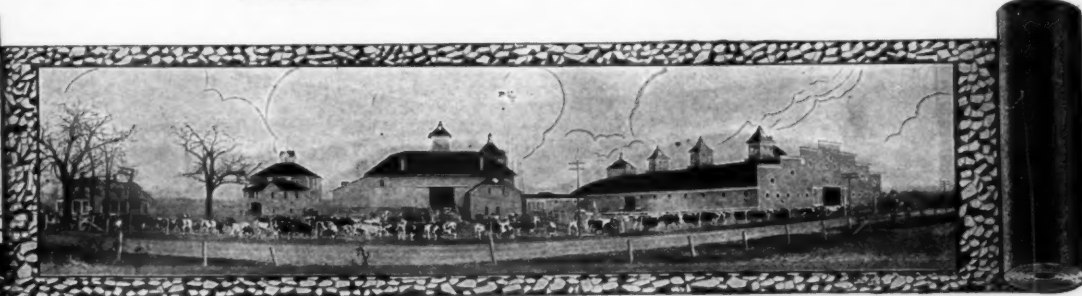


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Chattanooga	Havana	Memphis	Omaha	Spokane	Washington, D. C.
	Houston	Minneapolis	Philadelphia		



CANTON, OHIO.—A. H. Abrams of the Odean Theater will erect a three story, brick and steel, business block on Walnut Avenue and Second Street. \$85,000.

CANTON, OHIO.—Board of Education plans to build two story, 114 x 200 ft., concrete, steel and brick, school, on Sixteenth and Vine Streets. \$200,000.

CINCINNATI, OHIO.—Jewish Hospital plans to build maternity hospital, on Burnet Avenue. \$150,000.

CLEVELAND, OHIO.—Paul Bros., Citizens Building, plan to build three story, 54 x 189 ft., concrete, steel and brick, addition, at 1938 Euclid Avenue. \$60,000.

CLEVELAND, OHIO.—Cleveland Metal Products Co., 1111 Ivanhoe Road, is having plans prepared by G. S. Rider for one story, 60 x 200 ft., concrete, steel and brick, addition. \$50,000.

CLEVELAND, OHIO.—Adison Square Investment Co., Addison Road and Wade Park Avenue, plans to build three story, 100 x 200 ft., reinforced-concrete, steel and brick, theater. \$100,000.

CLEVELAND, OHIO.—Arjo Realty Co., 214 Williamson Building, is having plans prepared by Lehman & Schmidt, Architects, 210 Electric Building, for two story, 80 x 109 and 100 x 405 ft., concrete, steel and brick, addition to factory, at 6545 Euclid Avenue. \$250,000.

CLEVELAND, OHIO.—Cleveland Metal Products Co., 1141 Ivanhoe Road, is having plans prepared by G. S. Rider Co., Architects, 612 Century Building, for one story, 120 x 300 ft., addition to foundry. \$75,000. Also, three story, 72 x 266 ft., addition to machine shop, \$75,000. Both concrete, steel and brick.

CLEVELAND, OHIO.—A. C. Bishop, Architect, 427 Guardian Building, is receiving bids for building five story, 118 x 120 ft., concrete, steel and brick, factory, on West Forty-sixth Street and Train Avenue, for Ko-Ko-Mar Co., Leader-News Building. \$50,000.

CLEVELAND, OHIO.—Wm. Dunbar & Co., Cedar Avenue, Cleveland, has contract for printing factory, 1741 E. Twenty-fourth Street, owner Corday & Bros., Vulcan Building, two story, reinforced-concrete and steel, 144 x 200. \$250,000.

CLEVELAND, OHIO.—Mill work plant will go up at Lorain Avenue and West Twentieth Street, owner A. Teachout Co., 321 West Prospect. Entire new plant to replace present one. \$700,000.

CLEVELAND, OHIO.—Cleveland Illuminating Co., Illuminating Building, proposes building one story, 70 x 167 ft., concrete, steel and brick, garage, at 6500 Cedar Avenue. P. H. Cobb, Illuminating Building, Architect. \$60,000.

CLEVELAND, OHIO.—Cleveland Metal Products Co., 1141 Ivanhoe Road, is having plans prepared by G. S. Rider, Architect, 612 Century Building, for one story, 29 x 54 x 12 ft., storage building, cost \$60,000, and three story, 60 x 90 ft., addition to assembling room, concrete, steel and brick. \$120,000.

DAYTON, OHIO.—S. Frank and C. Weisman, Sixth and Ludlow Streets, plan to build three or four story, 80 x 130 ft., reinforced-concrete and brick, business building, on South Ludlow Street. \$100,000.

DAYTON, OHIO.—Westminster Presbyterian Congregation, Third and Ludlow Streets, plans to build church. \$300,000.

TOLEDO, OHIO.—De Vore & McGorman are preparing plans for a four story building to be constructed for the Knights of Columbus. \$465,000.

TOLEDO, OHIO.—Frank O'Neill, President, O'Neill Machine Co., has purchased ground at W. Bancroft and Auburn Streets, where he will build a factory. \$100,000.

WEST PARK, OHIO.—Board of Education is having plans prepared by P. T. Cahill, Architect, 631 Hippodrome Building, Cleveland, for two story, 26 x 48 ft., on Settlement Road, \$50,000; two story, 36 x 80 ft., on Longwood Avenue, \$50,000; all two story, 90 x 90 ft., high school, on Riverside Avenue, all concrete, steel and brick.

OREGON

HEPPNER, ORE.—B. P. O. E. of Heppner plans to build two story, brick, lodge hall. J. V. Bennes, Chamber of Commerce Building, Portland, Architect.

PORTLAND, ORE.—E. H. Cahalin, Eleventh and Stark Streets, is having plans prepared by F. M. White, Architect, Chamber of Commerce Building, for one story, 100 x 115 ft., tile and brick, garage.

PENNSYLVANIA

ALTOONA, PA.—A hotel is proposed by the Chamber of Commerce, F. Woods Backman, President. \$800,000.

BLAINSVILLE, PA.—Western State Hospital for Insane, Altoona, is having plans prepared

by F. McC. Crooks, Architect, 530 Fourth Avenue, Pittsburgh, for hospital and group institutional buildings.

DARBY, PA.—Darby Terminal Railroad is having sketches drawn by W. W. Potter, Architect, Real Estate Trust Building, Philadelphia, for building three story, 25 x 85 ft., brick station. \$50,000.

EDDYSTONE, PA.—A. Reid, Secretary, Board of Education, soon lets contract for building two story, 70 x 80 ft., concrete and brick school. Ritter & Shay, North American Building, Architects. \$70,000.

HARRISBURG, PA.—Grace M. E. Congregation is having plans prepared for altering brick, steel and stone church. W. S. Stoddard, 9 East Fortieth Street, New York City, Architect. \$55,000.

JOHNSTOWN, PA.—Johnstown Lodge No. 48, Loyal Order of Moose, purchased 50 x 175 ft. site, on Bedford Street and plans to build four story, brick and stone lodge. C. A. McKeown, Trustee.

NORRISTOWN, PA.—Pennsylvania Trust Co. soon receives bids for altering interior of four story building. Simon & Simon, 249 South Juniper Street, Philadelphia, Architects. \$50,000.

PHILADELPHIA, PA.—St. George's Congregation, Venango and Richmond Streets, is having plans prepared by Fieldstein & Schaff, Architects, 1328 Chestnut Street, for building three story, 52 x 92 ft., brick and stone, church. \$50,000.

PHILADELPHIA, PA.—Methodist Episcopal Hospital, Broad and Ritten Streets, is having plans prepared by H. W. Cantor, Architect, 21 South Twelfth Street, for five story, 80 x 135 ft., private ward building, brick or stone. \$50,000.

PHILADELPHIA, PA.—Union National Bank, Third and Arch Streets, is having plans prepared for building three story, 60 x 75 ft., concrete and stone bank. J. T. Brugger, 505 Chestnut Street, Architect. \$100,000.

POTTSTOWN, PA.—High School Alumni Association is having plans prepared for building two story, 48 x 120 ft., concrete and brick, hall and library on High Street, near Madison Street. Hewitt & Ash, 520 Walnut Street, Philadelphia, Architects. \$100,000.

READING, PA.—Carr & Schad is having plans prepared by W. H. Lee, Architect, 32 South Seventeenth Street, Philadelphia, for one story, 113 x 200 ft., concrete, steel and brick, theater, on Ninth and Spring Streets, here. \$80,000.

WILLIAMSPORT, PA.—E. L. Taylor, President, Board of Education, will build two story, 150 x 200 ft., brick, steel and reinforced-concrete, schools, one on Wayne Avenue and Newberry Street and another on site of Curtin Building, north of Braden Park. E. E. Joralemon, 547 Franklin Street, Buffalo, N. Y., Architect. \$150,000.

RHODE ISLAND

CRANSTON, R. I. (Providence P. O.)—United Wire & Supply Co., Auburn, proposes building two story, 100 x 120 ft. and 50 x 250 ft., brick and mill construction, additions to factory. Perry & Whipple, 17 Exchange Street, Providence, Engineers. \$125,000.

PROVIDENCE, R. I.—K. B. Ely, Boston Mass., will build auto sales building and service station, on Reservoir Street. W. R. Walker Son, 117 Custom House Street, Architects.

SOUTH CAROLINA

CHARLESTON, S. C.—Military College of South Carolina, Charleston, has acquired forty acre site at Hampton Park and plans to build citadel, first unit consisting of two three story buildings, to be used as barracks and classroom; other buildings to be erected later. Project involves grading, draining and landscape work. I. P. Thomas, Jr., Charleston, Chairman, Board of Visitors. Lockwood, Greene & Co., Healy Building, Atlanta, Ga., Architects and Engineers. \$600,000.

COLUMBIA, S. C.—Coca Cola Bottling Co., 1111 Gervais Street, plans to build two story, 100 x 190 ft., bottling plant on block 1100 Main Street. \$60,000.

GAFFNEY, S. C.—The erection of a cotton mill will be undertaken by E. R. Cash, Superintendent of Limestone Mills and Hamrick Mills, of which Dr. W. C. Hamrick is president. \$300,000.

ROCKHILL, S. C.—C. L. Cobb, A. Long and associates, care Peoples National Bank, plan to build three or four story cotton mill. \$500,000.

ROCK HILL, S. C.—Winthrop College Building Committee proposes constructing three story, 100 x 225 ft., students' building, on campus. D. B. Johnson, Chairman, Edwards, Sayward & Leitner, 600 Chamber of Commerce Building, Atlanta, Ga., Architects. \$80,000.

YORK, S. C.—A cotton mill will be erected. Will be called Waltmore in honor of its president, Major Walter G. Moore, of the Hard Yarn Spinners' Association. \$450,000.

SOUTH DAKOTA

ABERDEEN, S. D.—McCarthy Theater Co., Watertown, purchased site here and plans to build theater. \$100,000.

BROOKINGS, S. D.—Board of Education plans to build two story, 152 x 176 ft., brick and reinforced-concrete, high school. Tyrie & Chapman, 320 Auditorium Building, Minneapolis, Minn., Architects. \$200,000.

IPSWICH, S. D.—City voted \$85,000 bonds to build school. E. M. Paul, Clerk.

WINNER, S. D.—Tripp Co. plans election to vote on \$150,000 bonds to build courthouse.

TENNESSEE

BLOUNTVILLE, TENN.—D. A. Barger, Chairman, Building Commission, proposes building reinforced-concrete and brick courthouse, here, for Sullivan County. T. S. Brown, Bristol Va., Architect. \$50,000.

CHATTANOOGA, TENN.—C. W. and G. L. Rapp, Architects, 190 North State Street, Chicago, will build one story, 100 x 150 ft., reinforced-concrete and brick, theater, for Signal Amusement Co., 719 Market Street. \$250,000.

TEXAS

DALLAS, TEX.—Southern Methodist University plans to build memorial hall. J. E. Cockrell, President, Board of Trustees. \$400,000.

EASTLAND, TEX.—First National Bank plans to build five story, reinforced-concrete and brick, bank, on Lamore and West Streets. Lang & Wittich, Southwestern Life Building, Dallas, Architects. \$250,000.

FORT WORTH, TEX.—Mrs. F. B. Robinson contemplates erection of an apartment, on W. Fourth and Burnet Streets, Fort Worth. \$100,000.

RANGER, TEX.—M. Gohson plans to build five story, 85 x 140 ft., reinforced-concrete and brick, hotel. Beshgetoorian & Cobelli, Ranger, Architects. \$200,000.

TEXARKANA, TEX.—The directors of the Texarkana Hotel Company have employed Mann & Stern, Architects, of Little Rock, Ark., to prepare plans and specifications for the new hotel. \$500,000.

VIRGINIA

BEDFORD, VA.—St. John's Episcopal Congregation plans to build 40 x 100 ft. church and 60 x 110 ft. Sunday School and rectory; native stone, limestone trim. Craighill & Cardwell, 517 People's Bank Building Lynchburg, Architects.

ROANOKE, VA.—John F. Barbour has been awarded contract to erect a three story brick building for the Roanoke Lodge, 147, Knights of Pythias. \$65,000.

WASHINGTON

HOGUAM, WASH.—Commercial Club proposes erection of a hotel. \$250,000.

SEATTLE, WASH.—A power building has been designed by City Architect David Huntington for Lake Union Steam Plant. \$100,000.

SEATTLE, WASH.—Seattle Engineering School, 100 West Roy Street, plans to build three story, 165 x 246 ft., masonry gas engine building and garage, on Queen Anne Hill. Plans include workshop, gas engine department, boiler rooms, etc. S. D. Ford, Lyon Building Architect. \$135,000.

SPOKANE, WASH.—The Spokane Drug Co. plans to build a five story, steel and concrete, wholesale plant, 116 x 142 ft., Wall Street and Northern Pacific Elevated track. A. L. Hawes, Vice-President. \$200,000.

TACOMA, WASH.—Sutton & Whitney, National Realty Building, have prepared plans for twelve story office building for W. R. Rust. \$750,000.

WALLA WALLA, WASH.—Erection of a hospital is planned by the official board of First Methodist Church. \$250,000.

WEST VIRGINIA

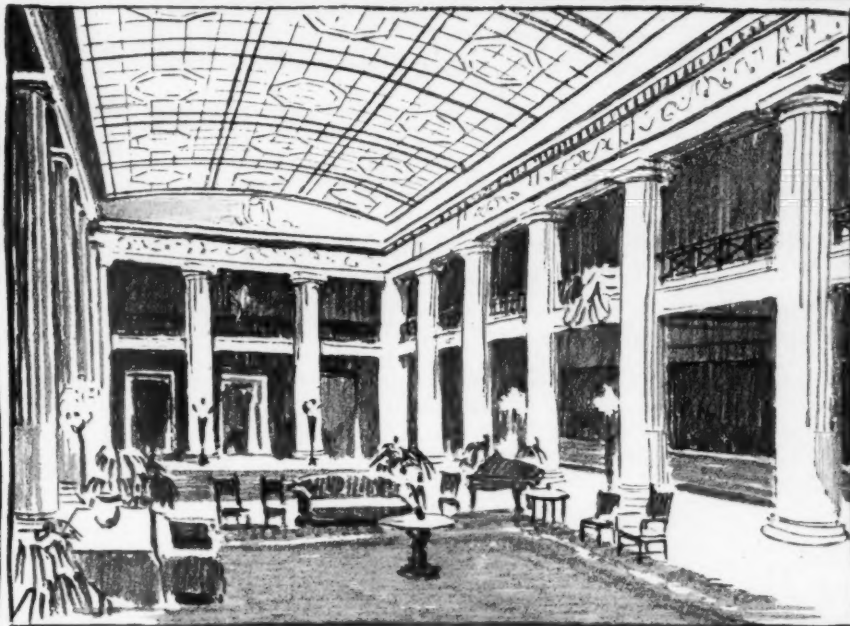
CHARLESTON, W. VA.—Pugh Furniture Co., 908 Kanawha St., plans to build five story, 41 x 253 ft., brick, warehouse. H. R. Warren, Masonic Temple Building, Architect. \$75,000.

PARKERSBURG, W. VA.—Parkersburg Rig Reel Co. soon receives bids for building one story, 105 x 220 ft., brick and steel foundry. Day & Zimmerman, 611 Chestnut Street, Philadelphia, Architects and Engineers. \$75,000.

WISCONSIN

MANITOWOC, WIS.—Knights of Columbus, care P. A. Miller, Eighth and Commercial Streets, plan to build two story club, 100 x 110 ft., brick and tile, on Ninth and York Streets. \$60,000.

THIENVILLE, WIS.—School Board, care L. Kicker, plans to build four story, 110 x 200 ft., reinforced-concrete and brick, school. Architect not selected. \$70,000.



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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.

CALIFORNIA

BENECIA, CAL.—A fund of \$181,000 is available for erection of storehouses to be erected at Benecia Arsenal, which is authorized by Secretary of War Baker.

EUREKA, CAL.—Ackerman & Harris, care Hippodrome Theater, San Francisco, is having plans prepared by Reid Bros., Architects, California-Pacific Building, San Francisco, for two story theater, 70 x 130 ft., reinforced-concrete, on Fourth and G Streets. \$75,000.

FRESNO, CAL.—Board of Education is having plans prepared by Coates & Traver, Architects, Rowell Building, for high school. R. F. Felechin, Rowell Building, Engineer. \$750,000.

FRESNO, CAL.—Board of Education is having plans prepared by Glass & Butner, Architects, Cory Building, for ten room school, on John Muir School site; cost, \$75,000; also twelve room addition to Jefferson School. \$78,000.

FRESNO, CAL.—Board of Education is having plans prepared by E. Mathewson, Architect, Cory Building, for two room addition and shops to Washington School, and addition to Lincoln School, cost \$25,000; R. B. Hotchkiss, Architect, Rowell Building, for ten room school in Arlington Heights, \$75,000; and kindergarten at Franklin School, \$4,000; Coates & Traver, Architects, Rowell Building, for six room addition to Kirk School, \$24,000.

FRESNO, CAL.—Board of Education is having plans prepared by Swartz & Swartz, Architects, Rowell Building, for eight room addition to Longfellow School and 12 room addition and new heating system at Jefferson School \$78,000; also twelve room addition to Jackson School, \$78,000.

LINDSAY, CAL.—Lindsay Hotel Co. is being incorporated with \$250,000 capital stock and plans to build 138 room hotel. A. M. Robertson, Secretary. \$200,000.

LOS ANGELES, CAL.—O'Leary & Williams, Architects, 225 Exchange Building, soon receive bids for two story, 92 x 100 ft., reinforced-concrete and brick, church, on Olivera and Marchesault Streets, for Methodist Episcopal Congregation, Wright & Callender Building. \$150,000.

RED BLUFF, CAL.—Board of Supervisors, Tehama County, voted \$200,000 bonds to build courthouse.

SACRAMENTO, CAL.—California Packing Corp., care P. Bush Engineer, 101 California Street, San Francisco, is having plans prepared for four story, reinforced-concrete, packing house on P. Q. Second and Front Streets. \$550,000.

SACRAMENTO, CAL.—A four story concrete building is planned by the California Packing Corporation on P. Q. Second and Front Streets. Address Charles Bliss Company. \$800,000.

SACRAMENTO, CAL.—Capitol Cracker & Candy Co., 810 Second Street, plans to build five story, reinforced-concrete and steel, factory on Second and I Streets. G. Sherman, Manager. \$250,000.

SALINAS, CAL.—Trustees of Salinas Union High School District voted \$250,000 bonds to build high school. R. Kyckhoff, Watsonville, Architect.

SAN FRANCISCO, CAL.—Pacific Orphanage Asylum plans to build asylum on Ocean Avenue. A. H. Jacobs, 110 Sutter Street, Architect. \$500,000.

SAN FRANCISCO, CAL.—A. I. Coffey, Architect, Humboldt Bank Building, soon receives bids for six story, 35 x 100 ft., hospital, with wing, 35 x 80 ft., reinforced-concrete and brick, on Bush Street, for St. Francis Hospital. \$250,000.

SAN FRANCISCO, CAL.—San Francisco Library Trustees is having plans prepared by G. A. Lansburgh, Architect, Gunst Building, for two story, concrete, brick and terra cotta library, on Sacramento Street. \$55,000.

SANTA ROSA, CAL.—Plans have been completed for a reinforced-concrete hospital. \$150,000.

CONNECTICUT

BRIDGEPORT, CONN.—City plans to build three story, brick, steel and concrete, police station, on Barnum Avenue and Caroline Street. W. J. Skinner, 1188 Main Street, Architect. \$75,000.

BRIDGEPORT, CONN.—City plans to build addition to McKinley School on Kelsey Street. F. A. Cooper, 1024 Main Street, Architect. \$150,000.

BRISTOL, CONN.—Trowbridge & Ackerman, Architects, 25 West Forty-fourth Street, New

York City, soon let contract for building two story brick, steel and concrete community house, on Main Street, for city. \$200,000.

GROTON, CONN.—Town soon lets contract for building one story brick school, Bilderbeck & Langdon, Barrows Building, New London, Architects. \$50,000.

NEW BRITAIN, CONN.—C. C. Palmer, Architect, 372 Main Street, is receiving bids for two story, 60 x 100 ft., brick and concrete, garage, for Swift & Ferguson, care architect. \$30,000.

NEW LONDON, CONN.—Board of Education is having plans prepared by D. S. Donnelly, Architect, Plant Building, for junior high school. P. L. Harwood, President, School Board. \$500,000.

NORWALK, CONN.—Davis & Dane, Architects, 1024 Main Street, Bridgeport, and Fairfield County Board (Bridgeport) soon receive bids for building three story, 35 x 60 ft., brick and steel, addition to home, on Westport Avenue, here. \$50,000.

NORWICH, CONN.—City plans to build junior boys' high school. \$250,000.

GEORGIA

ATLANTA, GA.—Peerless Cotton Mills, Thomaston, will erect a two story cotton mill, 128 x 400 ft. R. E. Hightower, President. \$100,000.

ILLINOIS

CHICAGO, ILL.—The chewing gum factory of Wm. Wrigley, Jr. Co., Thirty-fifth and Ashlar Avenue, Chicago, is to be doubled in size, 300 x 600 ft., eight stories, reinforced-concrete and steel. S. Scott Joy, Architect. E. W. Sproul Co., General Contractors.

CHICAGO, ILL.—Brock & Rankin, 619 South La Salle Street, plans to build eight story, 106 x 140 ft., publishing plant on Sherman and Polk Streets. \$500,000.

CHICAGO, ILL.—Wartburg Publishing House, care Worthmann & Steinbeck, Architects, 155 North Clark Street, is having plans prepared for four story, 68 x 130 ft., reinforced-concrete and brick plant, at 2018 Calumet Avenue. \$100,000.

CHICAGO, ILL.—Somerset Hotel will be erected. \$2,000,000.

CHICAGO, ILL.—A. L. Aischuler, Architect, 28 East Jackson Street, is receiving bids for four story, 125 x 250 ft., brick and timber, factory, concrete foundation, on Belmont and Hamlin Streets, for Florsheim Shoe Co., 541 West Adams Street. \$275,000.

CHICAGO, ILL.—Plans are under way for the erection of a three story building, 95 x 115 ft., a three story warehouse, 110 x 115 ft., and a two story, 95 x 140 ft., reinforced-concrete, addition to the mill of the Western Felt Company of Chicago, Ill.

DECATUR, ILL.—The Staley Co. contemplates an enormous building program at its starch works next year. Construction amounting to \$2,000,000 is under way.

INDIANA

INDIANAPOLIS, IND.—Socialists of Marion County plan to build a three story brick club building, to be called the House of Debs. \$100,000.

INDIANAPOLIS, IND.—American Textile Art Printing & Dyeing Co. will erect building at Holmes Avenue and Michigan Street. Arthur Mess, Secretary, 538 Massachusetts Avenue, Indianapolis. \$200,000.

INDIANAPOLIS, IND.—The Kaws Tractor Manufacturing Co., Indianapolis, Ind., has been incorporated with a capital stock of \$75,000 to engage in the manufacture of tractors. The directors are Henry Sevarin, Joseph F. Ankenbrock and Julius Karrmann.

LA PORTE, IND.—Wilson B. Parker has prepared plans for a Carnegie Library at Indiana and Maple Avenues.

MICHIGAN CITY, IND.—The Perfecting Machine Company, Michigan City, Ind., has rented temporary quarters at 127 West Fourth Street, but is preparing to erect a new structure to house its foundry and machine shop.

IOWA

COUNCIL, IOWA.—Sinclair Refining Co., Conway Building, Chicago, is having plans prepared for building one story, 100 x 100 ft., warehouse and service station, on Broadway, between Thirteenth and Fourteenth Streets. W. T. Dinkins, Woodmen of World Building, Omaha, Neb., Branch Manager. \$30,000.

DAVENPORT, IOWA.—Plans have been pre-

pared for an office building and movie at Third and Ripley Streets for erection by H. C. Kahl. \$1,000,000.

IOWA CITY, IOWA.—A psychopathic hospital will be erected on West Side Campus, Iowa University. \$175,000.

IOWA CITY, IOWA.—An armory will be built south of men's dormitory, University of Iowa. \$125,000.

IOWA CITY, IOWA.—A \$150,000 nurses' home is proposed for another university site. State Legislature appropriated money for these three projects. Board of Education authorized them.

STORM LAKE, IOWA.—Buena Vista College, Storm Lake, Iowa, will erect a 60 x 120 ft. gymnasium to cost \$50,000, as the first unit of memorial buildings to cost \$200,000.

WAVERLY, IOWA.—A school building is proposed for Waverly. \$200,000.

WAVERLY, IOWA.—Wartburg College will erect an administration building. \$100,000.

KANSAS

WICHITA, KAN.—O. J. Motor Co. proposes building five story, 64 x 136 ft., reinforced-concrete, steel and brick, warehouse. \$110,000.

KENTUCKY

LOUISVILLE, KY.—The Laib Company, Eighteenth and Magnolia Streets, Louisville, Ky., is spending \$30,000 on a factory addition, 100 x 530 ft.

LOUISVILLE, KY.—F. Avery & Sons, Seventh Street, is having plans prepared by D. X. Murphy & Bros., Architects, for one story, 100 x 330 ft., brick and steel, factory, \$125,000. Also, one story, 100 x 150 ft., reinforced-concrete and steel, addition to forge shop, concrete and brick. \$75,000.

LOUISVILLE, KY.—Mattingly-Hubbard Motor Co., plans to build four story, 150 x 200 ft., reinforced-concrete, steel and concrete, garage, to include shop, service department and salesroom, etc., on Third Street, between York and Breckinridge Streets. \$100,000.

LOUISIANA

SHREVEPORT, LA.—Plans are being prepared for the erection of a new building to house officers, laboratories and nurses of the Highland Sanitarium. \$30,000.

SHREVEPORT, LA.—Contract for the construction of a new clubhouse for the Shreveport Country Club has been awarded to W. H. Werner of Shreveport. \$75,000.

MARYLAND

BALTIMORE, MD.—Shapiro & Roney, Pratt Street and Fremont Avenue, plan to build two story, 75 x 178 ft., brick and reinforced-concrete warehouse. E. G. Blanke, 213 N. Calvert Street, Architect. \$65,000.

BALTIMORE, MD.—The Jones & Lamb Corporation, which has acquired the old Monumental Brewery, at Lombard and Fifth Streets, Highlandtown, will make the necessary alterations and additions to the group of buildings comprising the old brewery in order to transform it into an up-to-date meat packing plant. The plans are from the engineering firm of C. B. Comstock of New York. \$350,000.

BALTIMORE, MD.—The erection of the large packing plant for the William Schludenberg & Sons Company, at Baltimore and Fifth streets, Highlandtown, is proposed. The building will be four stories, of reinforced concrete, brick and stone trimming. C. B. Comstock of New York is the architect and the Consolidated Engineering Company will do the building. \$500,000.

BALTIMORE, MD.—Young Men's Christian Association Building, at Charles and Saratoga Streets, will be turned into an office building, with stores on the ground floor. The alterations, which, it is said, will include an arcade to run diagonally from Saratoga to Charles Streets, on the first floor, and the cutting off of the sharp corner of the structure, will cost about \$50,000.

BALTIMORE, MD.—The Metal Lithographing Company, a New York corporation, it is reported, has acquired the plant at First Avenue and Ninth Street, Canton, from the Canton company, which is now making improvements in the buildings.

BALTIMORE, MD.—Howard Bryant, President of the Second Branch City Council, has commissioned L. Sterling Wagner, Archi-

THOMAS MADDOCK'S SONS COMPANY
TRENTON, NEW JERSEY
INSTALLATIONS



Architects: Simon & Ravsett, Philadelphia
Plumbing Contractor: N. Connelly, Philadelphia

IN ATLANTIC CITY'S GARDEN PIER

THE PLANNING OF A SERVICE FOR APPRECIATION BY A
DISCRIMINATING CLIENTELE PROMPTED THE SELECTION OF
THOMAS MADDOCK'S MODERN, SANITARY PLUMBING FIXTURES

tect, to draw plans for an apartment house along the lines suggested by Mr. Wagner as being feasible for an establishment of moderate rentals. It will be erected on a site owned by Mr. Bryant in the Walbrook section.

BALTIMORE, Md.—An apartment house at University Parkway and School Lane, for Willis R. Jones, will be a three story and basement structure on a lot approximately 125 ft. square. Theodore Wells Pletsch is the architect and the Charles L. Stockhausen Company the builders. \$40,000.

BALTIMORE, Md.—St. Mary's Industrial School will erect a three story brick dormitory at Wilkens and Caton Avenues, 63 ft. 6 in. x 131 ft. 6 in. \$50,000.

BALTIMORE, Md.—Harold C. Hahn will build twelve two story brick dwellings on Roland Avenue, south of Cold Spring Lane. \$100,000.

BALTIMORE, Md.—Harry C. Black will build a 2½ story brick dwelling on Warrenton Road, Guilford, 40 x 110 ft., including out-buildings. \$60,000.

MASSACHUSETTS

BROCKTON, Mass.—Plymouth County Ideal Factory Corp. will erect a \$160,000 shoe factory, on Plain Street, Brockton. Morrill & Rand, 50 Broomfield Street, Boston, Architects.

MONROE BRIDGE, Mass.—The construction of an addition to the paper mill of the Monroe Bridge Paper Company, Monroe Bridge, Mass., is being planned; 250 x 80 ft., three story. \$200,000.

SALEM, Mass.—Congress has appropriated \$55,900 for a post office in Salem, Mass., at Main and Market Streets, two story, concrete and brick, 120 x 136 ft. Jas. A. Wetmore, Supervising Architect, Treasury Department, Washington, D. C.

SPRINGFIELD, Mass.—Masonic Order is planning to build a temple at Myrtle and Main Streets. \$1,000,000.

WORCESTER, Mass.—City plans to build ward building for infectious diseases at Belmont Hospital on Belmont Street. \$160,000.

MICHIGAN

DETROIT, Mich.—Fruehauf Trailer Co., 1371 Gratiot Avenue, is having plans prepared by Stahl & Kinsey, Architects, McKeechey Building, for one and two story, 100 x 240 ft., reinforced-concrete and brick, factory, on Detroit Terminal Railroad, near Degandier Street. \$100,000.

DETROIT, Mich.—Packard Motor Car Co., East Grand Boulevard, soon lets contract for three story, 196 x 201 ft., reinforced-concrete and brick, service station and garage, on Antoine and Woodbridge Streets. A. Kahn, Marquette Building, Architects.

DETROIT, Mich.—C. Howard Crane, Detroit, has perfected plans for a fine theater, to be built for the Allen Theater Co. of Toronto. It will go up on Watson and Erskine Streets, Detroit. \$600,000.

DETROIT, Mich.—A dancing school will be erected for Carl Fischer, owner of the Majestic School. Woodward Avenue and Watson Street, is the site selected. B. C. Wetzel, Detroit, Architect. \$200,000.

DETROIT, Mich.—L. Kamper, Architect, 752 Book Building, is receiving bids for two story, 69 x 125 ft., reinforced-concrete, steel and brick dry kiln; six story, 144 x 236 ft., reinforced-concrete, factory, on Farnsworth and Riopelle Streets, for Fisher Body Co., Oakland and Piquette Avenues.

DETROIT, Mich.—Smith, Hinchman & Grylls, Architects, 710 Washington Arcade, are receiving bids for one story, 80 x 198 ft., steel and cement, stone factory, for Detroit Steel Products Co., East Grand Boulevard.

MINNESOTA

CHISHOLM, Minn.—A municipal recreation building is proposed. W. B. Brown, Secretary, Chamber of Commerce. \$200,000.

DULUTH, Minn.—A. Puck, Architect and Engineer, Tarrey Building, will design two story, 75 x 280 ft., reinforced-concrete, brick and steel, factory, on Forty-ninth Avenue, W., for Duluth Show Case Co., West Superior Street and Twenty-eighth Avenue. \$150,000.

DULUTH, Minn.—W. T. Bray, Architect, has been instructed to prepare plans for a twelve room grade school to be built at Chisholm, Minn. It will be of reinforced-concrete construction. \$200,000.

DULUTH, Minn.—At a meeting of the Board of Education the contract for the building of Franklin School addition was let to Hugh Fawcett & Co. Craft & Boerner are the architects. \$85,480.

GILBERT, Minn.—Elwin H. Berg, Eveleth, Architect, has been selected to prepare plans for an auditorium, 100 x 110 ft., two story, brick. \$100,000.

SPRINGFIELD, Minn.—Co-operative Creamery Co. is having plans prepared by A. Schipfel, Architect, Mankato, for two story, 52 x 66 ft., steel, creamery. \$30,000.

MISSOURI

ST. LOUIS, Mo.—P. M. Adams, Architect, care J. I. Case Threshing Machine Co., Mead Street, Racine, Wis., proposes building 192 x 400 ft. factory, on Forest Park Boulevard and Boyle Avenue, here, for J. I. Case Threshing Machine Co., 700 South Seventeenth Street. \$100,000.

ST. LOUIS, Mo.—General Motors Co., Flint Mich., is having plans prepared for building two three story, 200 x 750 ft., factories, reinforced-concrete, steel and brick, on Union Street, near Natural Bridge. Buick Motors Co., Architects, and W. H. Kilpatrick, Engineer, both of Flint, Mich. \$1,600,000.

ST. LOUIS, Mo.—St. Louis Mfg. Corporation, Div. Gen. Motors Corp., 3401 Bulwer Street, will build two three story, 300 x 720 ft., reinforced-concrete, steel and brick, factories, at 3707-3911 Union Ave. W. H. Kilpatrick, Engineer, and Buick Motors Co., Architect, both of Flint, Mich. \$808,800 each.

ST. LOUIS, Mo.—Board of Public Service, City Hall, will build four story, 50 x 125 ft., brick and reinforced-concrete, clinic, on Fourteenth and Lafayette Streets. L. R. Bowen, 302 City Hall, Engineer and Architect. \$262,000.

ST. LOUIS, Mo.—W. R. Compton & Co., Merchants Laclede Building, will alter building on Seventh and Locust Streets. La Baume & Klein, Chemical Building, Architects. \$100,000.

MONTANA

DEER LODGE, MONT.—F. E. Peterson of Spokane has been awarded the contract for the erection of the Masonic Temple here. Building will be three stories. \$70,000.

NEBRASKA

LINCOLN, NEB.—Henkle & Joyce Hardware Co. is having plans prepared for five story, 50 x 100 ft., building with two story, 42 x 100 ft. addition, reinforced-concrete, steel and brick, on Eighth and O Streets. E. Davis, Lincoln, Engineer. \$100,000.

OMAHA, NEB.—A six story, 106 x 108 ft., building will be erected for the Lord Lister Hospital, Twenty-sixth and Dewey Avenue, from plans prepared by John Latenser & Sons, Architects.

OMAHA, NEB.—Nebraska Oldsmobile Co., 2559 Farnam Street, will build three story, 77 x 147 ft., automobile storage and sales building, on Eighteenth and Howard Streets. J. McArthur, 401 Keeline Building, Architect. \$200,000.

NEVADA

RENO, NEV.—State Architect F. J. DeLongchamps, Nixon Building, Reno, has prepared plans for a College of Education on the University of Nevada campus, 58 x 160 ft., two story. \$100,000.

NEW HAMPSHIRE

EXETER, N. H.—Phillips-Exeter Academy plans to build fireproof hospital on campus. \$200,000.

MANCHESTER, N. H.—Stark Mills will erect six story, reinforced-concrete, warehouse, 110 x 140 ft. General Building Co. of Boston has the contract. \$200,000.

NEW JERSEY

ATLANTIC CITY, N. J.—Frederick Weber, 403 Morris Building, Philadelphia, is preparing plans for a seventeen story hotel, The "Boulevard," to contain 2400 rooms, and to be erected at Albany Avenue and the beach, Atlantic City.

ATLANTIC CITY, N. J.—Geo. W. Shisler, Philadelphia, proposes building forty-two cottages on Columbia, Martram and Kingston Avenues, Atlantic City. \$250,000.

ELIZABETHTOWN, N. J.—Elizabethtown Water Co. will erect one of five buildings on West Jersey Street. \$50,000.

HARRISON, N. J.—Driver-Harris Co., care Lockwood Greene Co., Architects, 101 Park Avenue, New York City, is having plans prepared for three story factory, 50 x 100 ft., reinforced-concrete. \$50,000.

NEWARK, N. J.—E. F. Hauser, Architect and Engineer, Union Building, soon receives bids for four story, 30 x 120 ft., brick and steel, factory, at 282 Springfield Avenue, for Bernstein Furniture Co., 279 Springfield Avenue. \$60,000.

PASSAIC, N. J.—General Silk Importing Co., care Lockwood Greene Co., Architects, 101 Park Avenue, New York City, is having plans prepared for reinforced-concrete factory. \$200,000.

NEW YORK

BROOKLYN, N. Y.—Levy Bros., 189 Montague Street, will construct a theater at New Utrecht and Twelfth Avenue, Brooklyn. \$500,000.

BROOKLYN, N. Y.—Shampau & Shampau, Brooklyn, Architects, have prepared plans for an apartment house at Benson and Twentieth Avenues, Bensonhurst. \$150,000.

BROOKLYN, N. Y.—Pathe Freres Phonograph Co., 20 Grand Avenue, Brooklyn, proposes erection of a series of seven story factory buildings. \$1,000,000.

BROOKLYN, N. Y.—York & Sawyer, 50 E. Forty-first Street, New York City, are preparing plans for a thirteen story apartment house on Prospect Park, West, for Wm. H. Childs. \$2,000,000.

BUFFALO, N. Y.—Rogers Brown Iron Co. will erect steel plant, 66 x 262 ft., two story. John W. Cowper has the contract. \$70,000.

LONG ISLAND CITY, N. Y.—Ballinger & Perrot, Architects, Seventeenth and Arch Streets, Philadelphia, propose building five and six story, 200 x 600 ft., reinforced-concrete and brick, factory, at Degal Terminal, for American Chiclé Co., 19 West Forty-fourth Street, New York City. \$2,000,000.

NEW YORK, N. Y.—Greater New York Savings Bank, 498 Fifth Avenue, will construct a 60 x 100 ft., steel, brick and concrete, building at 449 Fifth Avenue. Wm. Obermayer, Secretary.

NIAGARA FALLS, N. Y.—Niagara Falls Gas & Electric Light Co., 306 Niagara Works Riverway, will build gas plant on Buffalo Avenue and Twenty-second Street, to include seven buildings, concrete, brick and steel. A. H. Merritt, Superintendent. \$200,000.

OSWEGO, N. Y.—Kirk-Maher Co., 59 West Main Street, Malone, ice cream manufacturers, purchased O'Keefe Building, here, and plans to remodel and build addition to same for its own use. \$30,000.

SYRACUSE, N. Y.—Melvin L. King of Russell & King has plans for a bank in East Syracuse, of which Arthur W. Loasby is president.

NORTH CAROLINA

CHARLOTTE, N. C.—Dr. Horace Mitchell Baker is planning the erection of a three story brick hospital in Lumberton. Site purchased on Chestnut and Fourteenth Streets. \$40,000.

RUTHERFORDTON, N. C.—Rutherfordton Cotton Mill spend \$500,000 for a new cotton mill.

SALISBURY, N. C.—R. Lee Mahaley and associates have incorporated the Diamond Cotton Mills with \$200,000 capital.

OHIO

CLEVELAND, OHIO.—Hampton-Keller Co., Sweetland Building, plans to remodel four story, 80 x 100 ft., brick and steel, factory, on East Third and St. Clair Avenues. \$60,000.

CLEVELAND, OHIO.—Acme Foundry Co., Sweeney Road, plans to build one story, 75 x 100 ft., concrete, steel and brick, addition to foundry. \$100,000.

CLEVELAND, OHIO.—Ideal Tire & Rubber Co., East Seventeenth Street and Euclid Avenue, is having plans prepared by Osborne Eng. Co., Architects and Engineers, 2848 Prospect Avenue, for three story, 100 x 200 ft., concrete, steel and brick, addition to factory on Warner Road. \$125,000.

CLEVELAND, OHIO.—Krause Battery Co., 3425 West Twenty-fifth Street, plans to build three story, 50 x 108 ft., reinforced-concrete, steel and brick, service station on West Twenty-fifth Street and Scranton Road. \$50,000.

CLEVELAND, OHIO.—Central Ohio Paper Co., Bingham Building, purchased site on East Twelfth Street and Oregon Avenue, and plans to build five story, 90 x 132 ft., reinforced-concrete, steel and brick, warehouse. \$75,000.

CLEVELAND, OHIO.—O. Darst, Architect, Brunson Building, Columbus, will build five story 90 x 132 ft. concrete, warehouse and office building on Twelfth Street, here, for Central Ohio Paper Co., 212 North Fifth Street, Columbus. \$120,000.

CLEVELAND, OHIO.—B. T. and S. P. Day Co., 2394 Canal Road, plans to build five story, 50 x 80 ft., concrete, steel and brick, warehouse, on Prospect Avenue and Canal Road. \$75,000.

CLEVELAND, OHIO.—Durable Tire & Rubber Co., 1115 Citizens Building, plans to build three story, 50 x 200 ft., concrete, steel and brick, factory, on East Forty-ninth Street and Newburgh & South Shore Ry. \$500,000.

CLEVELAND, OHIO.—Glidden Varnish Co., Madison Avenue and Berea Road, plans to construct four story, 59 x 90 ft., brick, steel and reinforced-concrete, grinding building, on Madison Avenue. \$60,000.

CLEVELAND, OHIO.—McElrath Tire & Rubber Co., 620 Union Building, plans to build two story, 60 x 200 ft., brick, steel and concrete, factory and power plant, on East 131st Street. \$80,000.

CLEVELAND, OHIO.—Shuster Co., 2214 East Fourth Street, has acquired six story, 140 x 250 ft., brick and steel, factory and plans to remodel same. \$100,000.

COLUMBUS, OHIO.—F. L. Packard, Architect, Hayden Building, receives bids in about three weeks for building five story, 93 x 187 ft., wholesale grocery building, concrete, on Front Street, for G. Bobbs & Sons, Main and Pearl Streets. \$200,000.

All Outside Stairways Should be Slip-Proof

PREVENT THE SLIPPING HAZARD BY INSTALLING ALUNDUM TILE

In public buildings, railway stations, subway stairs, and other places where traffic is heavy and the slipping menace exists.

ALUNDUM TILE

is slip-proof and no amount of use can change it. The composition is the same throughout.

The slip-proof quality of the nose of an ALUNDUM stair tread tile is lasting.

Severe tests have demonstrated its wearing quality.

The tread is restful and quiet, imparting to the step a sense of security. The slip-proof surface is flush with the rest of the step or floor plane surface, with no grooves, corrugations or depressions to permit tripping or accumulation of refuse.

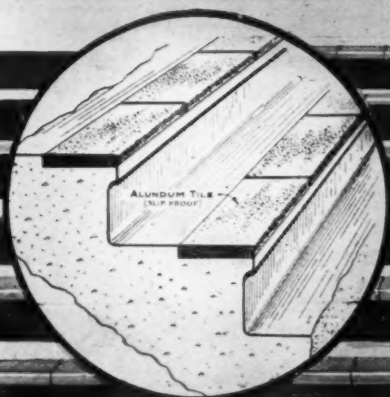
It may be used in conjunction with any building materials—concrete, brick, wood, marble, granite, metal, etc.

U. S. Patent, Jan. 28, 1919, Other Patents Pending

NORTON COMPANY

Worcester, Mass., U. S. A.

ELECTRIC FURNACE PLANTS
 NIAGARA FALLS, N. Y. CHIPPAWA, ONT.
 NEW YORK STORE CHICAGO STORE
 151 CHAMBERS ST. 11 NO. JEFFERSON ST.
 DETROIT STORE, 73-75 WEST CONGRESS ST.



DAYTON, OHIO.—The Master Tire and Rubber Company, Schwind Building, Dayton, Ohio, has incorporated its business with a capital stock of \$300,000. Plans have been prepared for a six story fireproof factory, work on which is expected to commence at an early date.

DAYTON, OHIO.—E. A. Brenneman, 42 Spirea Drive, is organizing company to build factory for manufacture of tractors. \$100,000.

DAYTON, OHIO.—Dayton Standard Scale Co., 3103 West Third Street, plans to build reinforced-concrete factory. \$40,000.

DAYTON, OHIO.—Schwarz Estate, Fifth and Ludlow Streets, plans to build two story, 120 x 190 ft., reinforced-concrete and brick, garage and salesroom, on West Fourth Street. \$100,000.

KENT, OHIO.—Mason Tire & Rubber Co. is having plans prepared by Osborn Engineering Co., Engineers, 2848 Prospect Avenue, Cleveland, for 60 x 90 ft. and 80 x 120 ft. addition to factory on Erie Street. \$60,000.

LANCASTER, OHIO.—The Lancaster Lodge of Elks has approved plans for the erection of a home on Main Street. \$90,000.

MIDLETON, OHIO.—American Rolling Mills Co. plans to build reinforced-concrete, steel and brick mill. \$3,500,000.

RAVENNA, OHIO.—Cascade Tire & Rubber Co. is having plans prepared for two story, 175 x 300 ft. tire plant. \$65,000.

WARREN, OHIO.—D & M Cord Tire Co., Engineers' Building, Cleveland, plans to build three story, 80 x 120 ft., brick, steel and reinforced-concrete, rubber plant. \$75,000.

OKLAHOMA

TULSA, OKLA.—The Oklahoma Iron Works, Tulsa, Okla., has completed plans for the construction of a \$500,000 plant; two story reinforced steel and concrete electrical power plant, to cost \$180,000; erect a \$20,000 concrete and steel office building; two story addition to machine shop, to cost \$40,000; an addition to its foundry, to cost \$30,000; 8 x 200 ft. concrete and steel blacksmith shop, and other buildings.

OREGON

ATHENA, ORE.—The Athena Press will be taken to old quarters in the Gholson Building on Jefferson Street. Fred Boyd, editor of the Athena Press, is contemplating the erection of a substantial fireproof building of steel and concrete in which to house his plant.

EMPIRE, ORE.—F. C. Getty will furnish complete school building at Empire, Ore. Plans and specifications on file at the office of W. G. Chandler, Architect, Coke Building, Marshfield, Ore. C. R. Kelly, Clerk, Union County, soon lets contract for building two story, 84 x 108 ft., school. \$50,000.

HERMISTON, ORE.—The Official Board of the local Methodist Church decided at a recent meeting to build a church. Plans are in the hands of the architects.

PORTLAND, ORE.—Knights of Pythias will erect a building on their present site, at Park and Taylor Streets. \$75,000.

PORTLAND, ORE.—Knights of Columbus, Park and Taylor Streets are having preliminary plans prepared for building two or three story, 60 x 100 ft., cement, brick or tile, home. \$75,000.

PORTLAND, ORE.—Commissioners of Multnomah County are having plans prepared by Sutton & Whitney, Architects, Lewis Building, for reinforced-concrete, hospital. \$200,000.

PORTLAND, ORE.—Mitchell, Lewis & Staver Co., 346 E. Morrison Street, are having plans prepared by Houghtaling & Dougan, Architects, Henry Building, for three story, 100 x 139 ft., reinforced-concrete, automobile business house, on Everett Street. \$80,000.

PORTLAND, ORE.—Plans were prepared by John V. Benner, Portland, Architect, for the proposed Elks Building and hotel structure, which will be two story of brick construction. It will cost \$50,000 and the hotel building, which will be three stories high of brick construction, will cost \$80,000.

PENNSYLVANIA

HAZLETON, PA.—A. J. Corey, care Boston Shoe Store, is having plans prepared by C. R. Rinheimer, Architect, 10 Airy Street, Wilkes-Barre, for building two story, 50 x 150 ft., reinforced-concrete, steel and brick garage, on Broad Street. \$52,000.

NEW CASTLE, PA.—A cement plant is to be constructed for Bessemer Limestone Co. at Bessemer, Pa. \$1,000,000.

PHILADELPHIA, PA.—Tuttleman Bros., 406 Race Street, soon receive bids for making interior alterations to factory, using brick, steel and concrete. H. D. Weldon, 10 South Eighteenth Street, Architect. \$60,000.

SHICKSHINNY, PA.—J. D. Woodworth, Main Street, plans to build two story, 70 x 140 ft., concrete, steel and brick, garage. \$65,000.

WILKES-BARRE, PA.—Atlantic Refining Co., Keokuk, Iowa, plans to build 30 x 90 ft., brick, concrete and stone, service station, on Cacer Avenue and Lockhart Street, here. \$70,000.

WILKES-BARRE, PA.—A. Salem, Blackman Street, is having plans prepared by C. R. Rinheimer, Architect, 10 Airy Street, for building three story, 30 x 80 ft., concrete, steel and brick, warehouse. \$50,000.

RHODE ISLAND

LONSDALE, R. I. (Pawtucket P. O.)—Lincoln Township plans to build school here. Address F. E. Fitzsimmons, Lonsdale. \$50,000.

PAWTUCKET, R. I.—C. C. Hall, Broad Street, will build three story brick and reinforced-concrete business structure. \$150,000.

PROVIDENCE, R. I.—J. Marcus & Bro., 210 North Main Street, is having plans prepared by W. G. Richards, Architect, 17 Exchange Street, for three story, 80 x 100 ft., brick and concrete, building. \$60,000.

WOONSOCKET, R. I.—Church of Precious Blood receives bids in September for three story brick and reinforced-concrete church. W. F. Fontaine, 285 Main Street, Architect. \$100,000.

SOUTH CAROLINA

GAFFNEY, S. C.—E. R. Cash and others have incorporated the Cash Mills with \$300,000. They plan to build a large cotton factory and mill village.

FLORENCE, S. C.—The Universal Plow Company of Florence, S. C., will build a brick foundry, 60 x 65 ft.

GREENVILLE, S. C.—The D. D. Davenport Estate of Greer, S. C., Peoples National Bank, Greenville, Trustee, is erecting a residence, dairy farm and garage. \$40,000. This estate is also building stores and house. \$20,000. Beacham & Legrand, Greenville, S. C., Architects.

TENNESSEE

MEMPHIS, TENN.—Plans and specifications have been completed for the construction of a building for the Bosworth Bag Company in Memphis, Tenn. The building will be 250 ft. long by 150 ft. wide, of brick mill construction. \$105,000.

TEXAS

DALLAS, TEX.—Perkins Dry Goods Co. will erect a structure at Austin and Jackson Streets. \$500,000.

DALLAS, TEX.—Plans are being prepared by Herbert M. Greene for a church at Ross Avenue and N. Harwood Street for the First Methodist Church of Dallas. \$500,000.

DALLAS, TEX.—Construction of a new surgical building at Texas Baptist Memorial Sanatorium, ten stories, C. D. Hill & Co., Architects; Coolidge & Hodgen of Boston and Chicago, consulting.

ENNIS, TEX.—John M. Sayey, manager of the two local theaters here, has bought the two buildings on West Knox Street, occupied by the Jones Cafe and the new People's State Bank. Mr. Sayey will erect a theater. The building will be 50 x 115 ft., with a stage 35 x 50 ft. \$50,000.

FORT WORTH, TEX.—Monnig Dry Goods Co. will erect a seven story building at Fifteenth and Front Streets, Fort Worth. \$350,000.

FORT WORTH, TEX.—Grubbs Vocational College at Arlington will spend \$75,000 on a mechanics art and shop building.

MARSHALL, TEX.—Church building will be erected by First Baptist Church. Dr. M. E. Hudson, Pastor. \$150,000.

PITTSBURG, TEX.—Masonic Lodge has purchased 160 ft. frontage on Marshall Street and will erect a temple. \$35,000.

SEATTLE, WASH.—A new federal building will be erected in Seattle. R. M. Drumheller, Collector of Customs; Edgar Battle, Postmaster, Seattle. \$5,000,000.

WACO, TEX.—Asher S. Sanger, Treasurer, Sanger Bros., proposes erection of a memorial building. \$500,000.

UTAH

LEHI, UTAH.—School Board will build two story, 137 x 160 ft., brick, school. Ware & Treganza, Utah Savings & Trust Building, Salt Lake City, Architects and Engineers. \$100,000.

SALT LAKE CITY, UTAH.—Jordan School District is retaining Don C. Young, of Young & Hansen, Architects, to design a house for the exclusive use of teachers. \$20,000.

VIRGINIA

COVINGTON, VA.—Schwarzenbach-Huber Co. contemplate one story, 400 x 101 ft., building for the manufacture of silk.

RICHMOND, VA.—Spotless Co. will erect a seven story building at Eleventh and Canal Streets. \$150,000.

RICHMOND, VA.—Business and Professional Women's Club of Richmond will erect apartment house for women. \$100,000.

WASHINGTON

ANACORTES, WASH.—At a meeting to be held soon the location of the Skagit County Golf & Country Club will be decided upon. Plans for erection of the building are moving rapidly.

CHEHALIS, WASH.—Manager W. F. West of the St. Helens Hotel plans additions to the hotel, and an architect is already figuring on the details.

PASOS, WASH.—The Catholic Church will begin work soon on a modern hospital plan on the property owned by St. Patrick's Church.

SEATTLE, WASH.—Tivani Steel Co. desires to erect a steel plant in Seattle. \$5,000,000.

SEATTLE, WASH.—Frederick & Nelson will erect a warehouse and garage at 2401 Fifth Avenue, 120 x 108 ft. Warren H. Milner, Haight Building, Architect. \$40,000.

SEATTLE, WASH.—The new school building program being planned by City School Architect F. A. Narramore, at present is estimated to cost \$4,500,000.

SEATTLE, WASH.—One of the most modern and best equipped candy stores in the city will be located in the space at present occupied by Bouckaert's in the Green Building, as soon as the new management, Patterson & Durbin, complete an outline of their intentions in the line of alterations and the installations of new fixtures.

SEATTLE, WASH.—A steam plant on Lake Union has been authorized by City Council, and \$1,250,000 bonds issued.

SEATTLE, WASH.—Architect J. R. Nevins, 1708 Hoge Building, has completed plans covering the construction of a modern home for Geo. Boole, Jr., of the A. M. Castle Co., to be built by J. H. Tolman, general contractor, Arcade Building, on Federal Avenue, on lots 3, 4, 9, 10, block 1, Broadway Second Addition. \$20,000.

SEATTLE, WASH.—H. Bittman, Securities Building Seattle, has prepared plans for a structure on Twelfth Avenue and Pine Street, to be called the Chansler-Lyon Building. H. D. Stewart, American Bank Building, has the contract. \$100,000.

SEATTLE, WASH.—Essanay Investment Co. plans to build ten story, probably concrete, stone or brick, hotel and store, on First Avenue and Pike Street. S. W. Thurston, 116 Twenty-ninth Street, President. \$400,000.

SEATTLE, WASH.—G. O. Childs plans to build two story, 60 x 180 ft., terra cotta and brick, store and office, on Third Avenue and Pine Street. A. H. Albertson, Henry Building, Architect. \$55,000.

SEATTLE, WASH.—Pacific Telephone & Telegraph Co. contemplates erection of an eight story building at Third Avenue and Seneca Street. \$600,000.

SEATTLE, WASH.—Organized labor in Seattle will shortly vote on the site for the proposed new labor temple, which is expected to be the finest structure of its kind on the Coast. Four sites are being considered. The choice of a proper site is the only remaining obstacle to be overcome before getting the building under construction.

SPOKANE, WASH.—B. P. O. E. of Spokane is having plans prepared by A. Cutter and E. Baume, Architects, Eiler Building, for three and five story, 100 x 142 ft., concrete, brick or tile, temple, on Riverside Avenue. \$200,000.

TACOMA, WASH.—W. R. Rust, 521 North Yakima Street, plans to build twelve story, 65 x 100 ft., on Eleventh and Pacific Streets. A. Sutton Tacoma, Architect. \$750,000.

TACOMA, WASH.—S. H. Anschell, Dana Roberts and associates announce that they will build a six story apartment house, to be known as the Olympic Apartments, at the northwest corner of Sixth Street and Broadway. \$300,000. The new site is directly across the street from the site upon which the new Alexander Hotel is to be constructed. \$1,500,000.

WEST VIRGINIA

HUNTINGTON, W. VA.—A. Voegelé & Dinning Co., 603-5 Fourth Avenue, soon let contract for building three story, 80 x 150 ft., reinforced-concrete, candy factory, on Seventh Avenue and Seventh Street. S. L. Day, First National Bank Building Architect. \$50,000.

WISCONSIN

APPLETON, WIS.—The Fox River Tractor Company, Appleton, Wis., which was recently incorporated with a capital stock of \$200,000, is erecting a one story brick shop. 40 x 72 ft., as the first unit of its new plant to be situated at Commercial and Rankin Streets. Early next spring it is proposed to erect a two story plant 120 ft. square.

PESHTIGO, WIS.—Peshtigo Pulp & Paper Co. plans to build two story, 70 x 178 ft., brick, reinforced-concrete and steel factory, on Main Street. L. A. DeGuere, Grand Rapids, Engineer and Architect. \$55,000.

SHEBOYGAN, WIS.—Wald Mfg. Co., Eighteenth Street and Martin Avenue, will build two story, 80 x 194 ft., brick, reinforced-concrete and steel, factory, on Martin Avenue. \$30,000.

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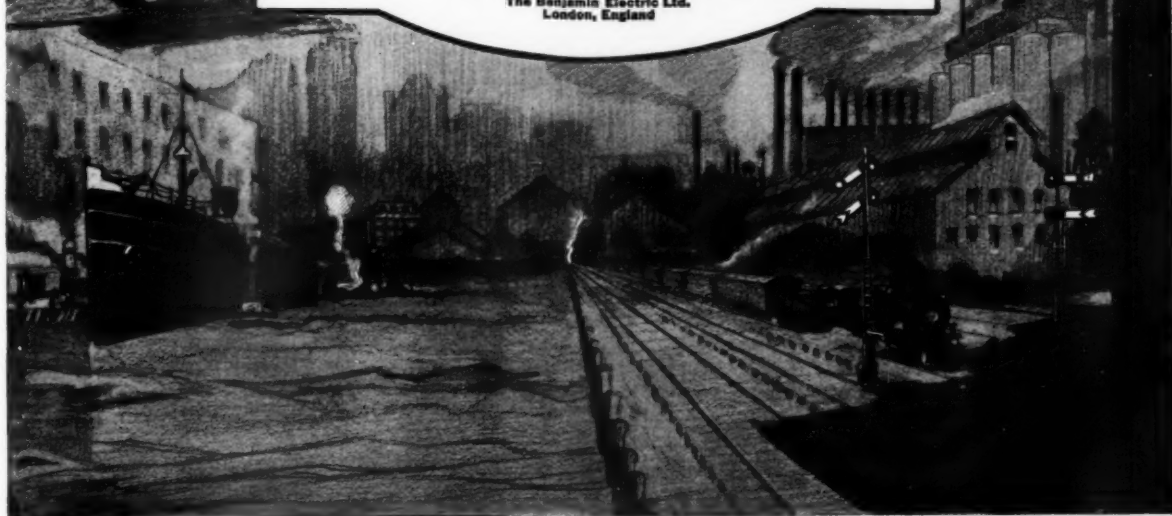
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ALABAMA

BIRMINGHAM, ALA.—Alabama Packing Co., 3031 Twenty-first Avenue, N., plans to build addition to plant. R. E. Lewis, Representative. \$200,000.

BIRMINGHAM, ALA.—Jefferson County will vote on \$125,000 bonds to build three brick or tile high schools, two schools to cost \$50,000 each and one \$25,000.

MONTGOMERY, ALA.—Sisters of Mercy are having plans prepared by F. Ausfeld, Architect, Montgomery, for building three story, brick, addition. \$100,000.

CLOVERDALE, ALA.—Superintendent Board of Education, Montgomery County, (Montgomery) will build one story, brick, school, covering 15,200 sq. ft. floor space. F. Lockwood, 119 Adams Street, Montgomery, Architect. \$60,000.

GRANGE HALL, ALA.—Department of Education will build one story, brick, school, covering 16,450 sq. ft. floor space, for Montgomery County (Montgomery). F. Ausfeld, Montgomery, Architect. \$80,000.

HOPE HULL, ALA.—Montgomery County School Board (Montgomery) will build one story, brick, school, covering 15,150 sq. ft. floor space. F. Ausfeld, Montgomery, Architect. \$60,000.

MONTGOMERY, ALA.—Alabama-Georgia Syrup Co., 1705 Street, plans to build two story, 95 x 120 ft., reinforced-concrete and brick, factory, concrete foundation, on North Court Street. Okel & Cooper, Vandiver Building, Architects. \$50,000.

PINE LEVEL, ALA.—Montgomery County Board of Education (Montgomery) proposes building one story, brick, high school. F. Ausfeld, Montgomery, Architect. \$75,000.

ARIZONA

CHANDLER, ARIZ.—Allison & Allison of Los Angeles are preparing plans for a high school group at Chandler, Ariz. \$100,000.

JEROME, ARIZ.—United Verde Copper Co. is having plans prepared by A. R. Kelly, Architect, 1110 Story Building, Los Angeles, for about 100 buildings to consist of stores, residences, etc., reinforced-concrete, to be erected on new townsite near here.

MESA, ARIZ.—Trustees of High School let contract for building two story brick addition, to Edwards & Wilsey Co., 515 Black Building, Los Angeles. \$77,500.

PHOENIX, ARIZ.—C. Korrack, 841 North Second Avenue, is having plans prepared by L. M. Fitzhugh, Architect, 208 Noll Building, for four story office, 50 ft. on Washington Street and 137 ft. on Third Avenue; also three story addition to building adjoining on east.

PHOENIX, ARIZ.—M. T. Grier, Jefferson Hotel, is head of syndicate, which is having plans prepared by Postle & Fischer, Architects, 140 South Dearborn Street, Chicago, for nine story hotel, here. \$1,000,000.

PHOENIX, ARIZ.—School Trustees let contract for building two story, 80 x 210 ft., school, containing manual training department, etc., to Edwards & Wilsey, 515 Black Building. \$190,000.

CALIFORNIA

COVINA, CAL.—Covina Citrus Association is having plans prepared by Shepherd & Hamm, Engineers, 315 Central Building, Pasadena, for two story, 150 x 175 ft., concrete, steel and hollow tile, packing house. \$70,000.

LOS ANGELES, CAL.—Norman F. Marsh, 211 Broadway Central Building, Los Angeles, is preparing plans for two college buildings for University of Redlands. \$150,000.

LOS ANGELES, CAL.—Albertson Motor Car Co., 1101 South Hope Street, is having plans prepared by L. A. Smith, Architect, 621 Investment Building, for two story, 155 x 160 ft., reinforced-concrete, concrete foundation, on Sixteenth and Figueroa Streets.

MADERA, CAL.—Board of Supervisors, Madera County, is having plans prepared by E. Mathewson, Architect, Cory Building, Fresno, for one and two story, concrete, granite and tile, hospital. \$100,000.

MONROVIA, CAL.—Presbyterian Congregation is having plans prepared by H. M. Patterson, Architect, 356 South Broadway, Los Angeles, for 125 x 150 ft., brick, church, on White Oak Street and Myrtle Avenue. \$60,000.

OAKLAND, CAL.—Clay N. Burrill is planning a four story, reinforced-concrete, store and hotel at Marysville. \$200,000.

SAN FRANCISCO, CAL.—Weeks & Day have prepared plans for a theater on Broadway and Fourteenth Street, Oakland, for Ackerman & Hattis. \$250,000.

SAN FRANCISCO, CAL.—Architectural work for the new Elks' Temple will be in charge of Cutter & Baume, Spokane, Architects. \$200,000.

SAN FRANCISCO, CAL.—Geo. A. Applegarth, Claus Spreckels Building, San Francisco, has completed preliminary plans for an apartment house to be erected at Larkin and Francisco Streets. \$450,000.

SAN FRANCISCO, CAL.—S. Heiman, Mechanics Institute Building, San Francisco, has prepared plans for a four story apartment house. \$60,000.

SAN FRANCISCO, CAL.—G. A. Lansburgh, Gunst Building, has been retained to draw plans for a branch Carnegie Library in San Francisco. \$50,000.

SAN FRANCISCO, CAL.—J. R. Miller is preparing plans for an eight story apartment house, Jackson and Laurel Streets, for John D. McKee, of the Mercantile National Bank. \$250,000.

SAN FRANCISCO, CAL.—Bliss & Faville have prepared plans for the construction of the new State Building at the Civic Center, McAllister Street, at Larkin. \$1,350,000.

SAN RAFAEL, CAL.—Shea & Sofquist, Chronicle Building, San Francisco, have completed plans for a Catholic Church. \$50,000.

SAN RAFAEL, CAL.—W. D. Shea & H. A. Minton, 244 Kearney Street, San Francisco, have plans for a \$60,000 parochial school, at Fourteenth Avenue and Irving Street, San Francisco.

COLORADO

GREELEY, COL.—Greeley School District No. 6 voted \$85,000 bonds to build school.

HAYDEN, COL.—School District No. 9 plans election to vote on \$60,000 bonds to build school. L. Kimsey, Secretary.

CONNECTICUT

BRIDGEPORT, CONN.—Hincks Bros. & Co., 207 State Street, are having plans prepared by W. J. Skinner, Architect, 1188 Main Street, for three story, 38 x 120 ft., brick, terra cotta and marble, office and bank, on Main Street. \$60,000.

FORESTVILLE, CONN.—Board of Education, Bristol, plans to build two story brick and steel addition to school in District 13, here. W. P. Crabtree, 272 Main Street, New Britain, Architect. \$60,000.

MILFORD, CONN.—P. M. Rosengarten, 335 Willow Street, Waterbury, plans to build new hotel, on Merwin Street, here. \$50,000.

NEW HAVEN, CONN.—Brown & Von Beren, Architects and Engineers, 185 Church Street, will design two story, 83 x 100 ft., brick and mill construction, factory, on Greene and Olive Streets, for Alper, Krall & Co., 44 Crown Street. \$40,000.

STAMFORD, CONN.—Board of Education is having plans prepared by Emmens & Abbott, Engineers, Washington Building, for twenty-four room school on State and South Streets, brick, concrete and steel, school. \$225,000.

WATERBURY, CONN.—Scovill Mfg. Co., 99 Mill Street, is having plans prepared by C. Gilbert, Architect, 244 Madison Avenue, New York City, for brick and reinforced-concrete, office, on Cole, Baldwin and Mill Streets. \$125,000.

WATERBURY, CONN.—Board of Health soon receives bids for building two story brick and reinforced-concrete isolation hospital. Cross & Cross, 681 Fifth Avenue, New York City, Architects. \$200,000.

WILLIMANTIC, CONN.—State Normal Training School, Hartford, has plans prepared by W. H. Brooks, Architect, Lewis and Gold Streets, Hartford, for three story, 46 x 114 ft., brick, steel and concrete, dormitory, on Valley Street, here. \$150,000.

FLORIDA

ORLANDO, FLA.—Dickerson Ives Co., Mercantile Avenue, is having plans prepared for four story, concrete and steel, factory, to cover 33,000 ft. floor space. \$125,000.

PALMETTO, FLA.—D. M. and J. C. Courtney is having plans prepared for a two, also one, story addition to packing plant.

ST. PETERSBURG, FLA.—A. C. Alexander, Waverly Hall, Ga., will erect apartment house, twenty-four suites, 80 x 100 ft. \$60,000.

GEORGIA

ATLANTA, GA.—Three apartment houses will be erected by Dr. Horace Grant. \$75,000.

ATLANTA, GA.—Atlantic Ice and Coal Corporation will erect office building for its general offices, three story. \$50,000.

ATLANTA, GA.—Dr. Horace Grant will erect three apartment houses, brick. \$75,000. Also plans to erect theater; seating capacity 1000.

COLUMBUS, GA.—Bibb Mfg. Co., Thirty-second Street, plans to build six story, 130 x 600 ft., mill and one story, 200 x 500 ft., weave shed, both reinforced-concrete and brick, reinforced-concrete flooring, concrete foundations. Robert & Co., Candler Building, Atlanta, Engineers.

GRIFFIN, GA.—Board of Trade is promoting organization of \$50,000 company to erect dwellings.

MACON, GA.—Payne Mills plans to build two one story, 50 x 100 ft. warehouses, and one story, 75 x 435 ft., heavy mill construction plant. Robert & Co., Candler Building, Atlanta, Engineers.

SAVANNAH, GA.—Board of Education is considering erecting school in Chatham Crescent. \$100,000.

THOMASTON, GA.—Peerless Cotton Mills plan to build two story, 132 x 480 ft., reinforced-concrete and brick, mill and four one story, 50 x 100 ft., brick, warehouses, concrete foundation. Robert & Co., Candler Building, Atlanta, Architects and Engineers.

THOMASTON, GA.—Peerless Cotton Mills plan to build seventy-two one story, four room, cottages, including drainage system and auxiliary buildings. Robert & Co., Candler Building Atlanta, Architects and Engineers.

ILLINOIS

CHICAGO, ILL.—Holabird & Roche, Architects, 104 South Michigan Avenue, are receiving bids for nine story, 85 x 190 ft., reinforced-concrete and steel, hotel, at 177 West Madison Street, for Blackhawk Hotel Co., care architects. \$1,250,000.

CHICAGO, ILL.—Argonne Hotel Co., care R. C. Harris, Architect, 190 North State Street, is having plans prepared for ten story, 130 x 170 ft., reinforced-concrete, hotel, on Sheridan Road and Chase Avenue. \$900,000.

KANSAS

ATCHISON, KAN.—City will vote on \$125,000 bonds to build memorial hall.

CONCORDIA, KAN.—Swedish Baptist Association of United States, West Seventh Street, plans to build 40 x 65 ft., brick, hospital. \$50,000.

FORT DODGE, KAN.—R. S. Gamble, State Architect, Topeka, will build one and two story, 67 x 160 ft. and 40 x 51 ft., soldiers' home, reinforced-concrete, steel and brick. \$75,000.

MANHATTAN, KAN.—Rocky Ford Milling Co. is having plans prepared for building two story plant. \$500,000.

MARYSVILLE, KAN.—Turner Theater Co. proposes building two story, 50 x 132 ft., brick and stone, theater. \$53,000.

KENTUCKY

ASHLAND, KY.—Field Furniture Co. soon receives bids for building six story, 30 x 145 ft., concrete and brick, store and office building, on Main Street. F. L. Packard, Hayden Building, Colorado, Architect. \$275,000.

LEXINGTON, KY.—Tobacco handling facilities will be provided by S. F. Vaughan Tobacco Co., which already has extensive plant. \$250,000.

MARYLAND

BALTIMORE, MD.—Morgan College, Hilton Road and Arlington Avenue, plans to build two story, 36 x 148 ft., dormitory and one story, 32 x 48 ft., power house, stone and brick. E. L. Tilton and A. M. Githens, 52 Vanderbilt Avenue, New York City, Architects. \$75,000.

MASSACHUSETTS

AMHERST, MASS.—Massachusetts Agricultural College plans to construct memorial building on campus. \$150,000.

CHICOFEE, MASS.—P. P. Staryk, 32 Center Street, soon receives bids for altering



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Old Wells Opera House, on Exchange and Center Streets, concrete and steel. \$50,000.

CHICOPEE FALLS, MASS.—Chicopee Mfg. Co., West Main Street, will build weave shed addition to plant. \$100,000.

EAST SPRINGFIELD, MASS.—Springfield Tool Co., Inc., 125 Dwight Street, Springfield, will build one and two story, 90 x 200 ft., brick and mill construction, factory and office. \$55,000.

MITTINEAGUE, MASS.—Strathmore Paper is having plans prepared for factory. \$100,000.

SOUTH HADLEY, MASS.—Mt. Holyoke College plans to build science hall and dormitory group, on campus. Brainerd & Leeds, 89 Franklin Street, Boston, Architects. \$500,000.

SPRINGFIELD, MASS.—A. D. Potter, Greenfield, will build one story, 100 x 290 ft., warehouse grain elevator, on Page Boulevard and St. James Circle. \$100,000.

THREE RIVERS, MASS.—French Catholic Church plans to build brick and steel school. L. Geoffroy, Pastor. \$60,000.

WORCESTER, MASS.—City plans to build two story, 149 x 33 ft., brick, hospital, on Belmont Street. Fuller & Delano, 44 Front Street, Architects. \$160,000.

WORCESTER, MASS.—E. J. Cross, Architect, 82 Foster Street, is preparing plans for eight story, 84 x 143 ft., concrete and steel, manufacturing plant, on Hygiea Street. M. L. Feeney, 808 State Mutual Building, Agent. \$250,000.

WORCESTER, MASS.—G. B. Cutting, Architect, Walnut Street, is preparing plans for eight story, concrete and steel, manufacturing plant, on Hygiea Street. M. L. Feeney, 808 State Mutual Building, Agent. \$250,000.

WORCESTER, MASS.—B. L. Handelman soon receives bids for building two story, 150 x 200 ft., brick garage, on Mechanic Street. C. R. Hoyle, 1038 Slater Building, Architect. \$100,000.

MICHIGAN

DETROIT, MICH.—C. H. Crane and E. G. Kiehler, Architect, 2325 Dime Bank Building, are receiving bids for two story, 50 x 200 ft., reinforced-concrete, brick and steel, theater, on Michigan Avenue and Chopin Street, for A. G. Grzesinski, 1518 Michigan Avenue. \$50,000.

MINNESOTA

BEMIDJI, MINN.—Board of Education will build five story school, 38 x 58 ft., tile, in District No. 48. Roberts & Funk, First National Bank Building, Architects. \$70,000.

BIWABIK, MINN.—L. R. Christensen, Chairman, Board of Education, proposes one story, 100 x 110 ft., reinforced-concrete, brick and steel, building. C. E. Nystrom, Palladio Building, Duluth, Architect and Engineer. \$75,000.

DULUTH, MINN.—Winkle Bros. Candy Co., 2115 West Michigan Street, is having plans prepared by E. F. Bromhall, Architect, Alworth Building, for two story, concrete and brick, factory, on London Road. \$62,000.

KINNEY, MINN.—Board of Education will build two story, 116 x 154 ft., reinforced-concrete and brick, grade school. A. W. Kerr Co., 5 American Exchange Building, Virginia, Architects. \$175,000.

ROCHESTER, MINN.—F. A. Bricker and G. J. Pattison, Fargo, and C. C. Fawcett, Rochester, plan to build five story, 46 x 142 ft., brick and concrete dental clinic. \$300,000.

VIRGINIA, MINN.—A. E. Bickford, City Clerk, receives bids about September 1 for two story, 190 x 275 ft., reinforced-concrete and brick, city hall and community building, on First Street, S. A. W. Kerr & Co., Virginia, Architects and Engineers. \$282,000.

VIRGINIA, MINN.—Commissioners of St. Louis County, Duluth, are having revised plans prepared by Croft & Boerner, Architects and Engineers, Palace Building, Minneapolis, for two story, reinforced-concrete and brick courthouse. \$250,000.

MISSOURI

BUTLER, MO.—Farmers Bank of Bates County, Farmers Bank Building, let contract for building two story, 75 x 130 ft., concrete, steel and brick, bank, on Public Square, to W. F. Duvall, Butler. \$50,000.

JEFFERSON CITY, MO.—F. B. Miller Architect, Jefferson City, is receiving bids for building 57 x 168 ft., reinforced-concrete, steel and brick, theater, on High Street, for W. H. Mueller. \$75,000.

LINDENWOOD, MO. (St. Louis P. O.)—Congregational church plans to build one story, 100 x 150 ft., church, on Main and East Streets. G. Coman, Pastor. \$50,000.

MORRISONVILLE, MO.—H. G. Clymer, Architect, 620 Wainwright Building, St. Louis, will build two story, 63 x 110 ft., concrete, brick and steel, school. C. W. Morris, Clerk, Board of Education. \$50,000.

ROLLA, MO.—Hohenschild & Pearce, Architects, Odd Fellows Building, St. Louis, soon receive bids for building three story, 40 x 60 ft., rock, stone and brick, church, for Rolla Methodist Episcopal Congregation. \$50,000.

ST. LOUIS, MO.—Board of Public Service will build four story, concrete, steel and brick, hospital, on St. Ange and Caroline Streets. L. R. Bowen, City Engineer. \$190,000.

ST. LOUIS, MO.—Grace Holy Cross Congregation plans to build church at 2601 North Eleventh Street. C. R. Taylor, Pastor. \$50,000.

ST. LOUIS, MO.—National Metal Die Mold Co., 1627 Locust Street, plans to build metal working plant and machine shop, at 207 North Broadway. O. G. Stark, 1427 Locust Street, President. \$50,000.

ST. LOUIS, MO.—St. Louis Mfg. Corp., Division General Motors Corp., 5401 Bulwer Street, proposes building three story, 40 x 120 ft., reinforced-concrete and steel, building at 3809 Union Avenue. W. H. K. Kilpatrick, Flint, Mich., Engineer. \$57,600.

ST. LOUIS, MO.—Chesed Shell Emeth Society, 931 North Ninth Street, plans to build church, 115 x 150 ft., on Kings Highway and Minerva Avenue. \$75,000.

ST. LOUIS, MO.—Board of Public Service will build four story, concrete, steel and brick, hospital, on Eleventh and Market Streets. L. R. Brown, City Engineer. \$190,000.

ST. LOUIS, MO.—E. J. Hess, Architect, 3226 Magnolia Avenue, will build five story, 54 x 135 ft., concrete, building, at 1409-11 Washington Street, for G. D. Hall Real Estate Co., care Martin-Breit Real Estate Co., Chemical Building. \$50,000.

ST. LOUIS, MO.—Missouri Theater Co., care Mercantile Trust Co., Eighth and Locust Streets, plans to build two story, 129 x 130 ft., theater, on Grand and Lucas Streets. \$60,000.

NEBRASKA

CHAPPEL, NEB.—School Board plans to build three story high school and dormitory here. R. A. Bradley, Hastings, Architect. \$100,000.

OMAHA, NEB.—Hayden Bros., Brandeis Stores, Home Builders, and Nebraska National Bank plan to build sixteen story, 88 x 122 ft., steel, stone and brick, store and office building, on Seventeenth and Dodge Streets. \$175,000.

OMAHA, NEB.—J. W. and L. Hill, Blackstone Bank Building, let general contract for building thirteen story, 66 x 66 ft., concrete, steel and frame, hollow tile hotel, on Sixteenth and Howard Streets, to Vaughn Construction Co., 522 Bee Building. \$278,000.

WINNEBAGO, NEB.—Board of Education, Sioux Falls, S. D., will build one and two story, 65 x 130 ft., brick and timber, school. Holmes & Finn, 8 South Dearborn Street, Chicago, Architects. \$100,000.

NEW JERSEY

BAYONNE, N. J.—Board of Education, building P. S. No. 1, on Avenue C, four story, brick. D. Anderson, 424 Avenue E, Engineer. \$200,000.

BAYONNE, N. J.—Board of Education, building P. S. No. 4, on East Fifth Street, four story, brick. D. Anderson, 424 Avenue E, Engineer. \$200,000.

PLAINFIELD, N. J.—Board of Education soon lets contract for building 55 x 150 ft., brick and steel, school, on Emerson Avenue. \$140,000.

NEW YORK

ARCADE, N. Y.—City voted bonds to build combined grammar and high school. \$100,000.

ASTORIA, N. Y.—T. W. Lamb, Architect, 644 Eighth Avenue, New York City, is preparing plans for two story, brick and steel, theater, on Grand and Steinway Avenues, here, for Glynne & Ward, Alhambra Theater, Knickerbocker Avenue and Halsey Street, Brooklyn. \$400,000.

BROOKLYN, N. Y.—New York Congregation Home for Aged, 123 Linden Avenue, is having plans prepared by Parfitt Bros., Architects and Engineers, 26 Court Street, for three story, 38 x 65 ft., brick, steel and stone, addition. \$65,000.

BROOKLYN, N. Y.—Home Title Insurance Co., Jay and Pearl Streets, is having plans prepared by Slee & Bryson, Architects, 154 Montgomery Street, for three story, 65 x 90 ft., brick and steel, office building, on Jay Street and Willoughby Avenue. \$100,000.

BROOKLYN, N. Y.—Magid, Katzman & Strobber, metals, will build one two story, brick, shop, storage and offices, 100 x 107 ft., at Flushing and Wyckoff Avenues. \$120,000.

BROOKLYN, N. Y.—A. Schraeder's Son, Inc., manufacturer of brass fittings, has filed plans for a ten story, reinforced concrete, factory building, 196 x 90 ft., on Vanderbilt and Atlantic Avenues. \$420,000.

BROOKLYN, N. Y.—A. Schraeder's Son, Inc., has filed plans for a ten story, reinforced-concrete, factory, to be erected at Vanderbilt and Atlantic Avenues. \$450,000.

BROOKLYN, N. Y.—E. W. Bliss Company has filed plans for a two story brick factory extension to its present Bay Ridge plant. \$500,000.

BROOKLYN, N. Y.—Morris Tropic of the Trop Chocolate Company is to build a four story, brick, factory, 115 x 90 ft., on the north side of Hopkins Street. \$135,000.

BROOKLYN, N. Y.—Devoc, Reynolds & Co. are to add one story to their brick paint factory, at Smith and Huntington Streets. \$20,000.

BUFFALO, N. Y.—Beaver Board Co. will build a two story, 125 x 600 ft., plant on the Military Road. \$200,000.

FLUSHING, N. Y.—Board of Education, 500 Park Avenue, New York City, is having plans prepared by C. B. J. Snyder, Architect and Engineer, Municipal Building, New York City, for building three story, brick and steel, school, on Jamaica Road, here, and altering school adjoining same. \$300,000.

GENEVA, N. Y.—Geneva Council, Knights of Columbus, plans to build clubhouse. Address R. J. Wyatt, Geneva, Architect. \$100,000.

HARTSDALE, N. Y.—Hartsdale Country Club is having plans prepared by W. H. Gompert, Architect and Engineer, 171 Madison Avenue, New York City, for brick, steel and stone, clubhouse. \$750,000.

HORNELL, N. Y.—City will vote on proposition to appropriate between \$200,000 and \$250,000 to build new school.

NEWBURGH, N. Y.—T. C. Desmond Co., 31 Nassau Street, has been awarded contract by Sweet Orr & Co., Inc., 15 Union Square, for the design and construction of additions and alterations to factory at Newburgh. \$100,000.

NEW YORK, N. Y.—C. P. H. Gilbert, Architect and Engineer, 1123 Broadway, will build five story, 40 x 50 x 100 ft., brick and steel, nurses' home, at 407 West Thirty-fourth Street, for St. Marys Free Hospital. \$75,000.

NEW YORK, N. Y.—A. Levinston, Architect and Engineer, 405 Lexington Ave., will design three story, 60 x 100 ft., brick and steel store and loft, at 42-46 West Thirty-third Street, for St. Regis Lunch Co., care architect. \$80,000.

SYRACUSE, N. Y.—Board of Education, Onondaga Valley, plans to build two story, 150 x 200 ft., brick, reinforced-concrete and steel, school. Ford, Buck & Sheldon, 60 Prospect Street, Hartford, Conn., Engineers. M. L. King, Snow Building, Architect. \$350,000.

SYRACUSE, N. Y.—City plans to build two story, brick and reinforced-concrete, school, on Alvord Street. M. L. King, Snow Building, Architect. H. C. Allen, City Hall, Engineer. \$300,000.

SYRACUSE, N. Y.—St. Anthony of Padua Church, Colvin Street and Midland Avenue, plans to build two story, 75 x 140 ft., reinforced-concrete and steel, parochial school. A. R. Acheson, 852 Ostrom Avenue, Engineer. M. L. King, Snow Building, Architect. \$85,000.

TONAWANDA, N. Y.—Board of Education soon receives bids for building two story, brick and concrete, school, on Highland Avenue. \$60,000.

NORTH CAROLINA

GREENVILLE, N. C.—Farmers' Bank Building Co., Inc., will erect building. Benton & Benton, Architects, Wilson, N. C.; Paul L. Clodfelter, Secretary-Treasurer, Greenville, house on Fourth Street S.; four apartments, \$100,000.

HIGHPOINT, N. C.—Southern Furniture Exposition Building Co. plans to build ten story exposition, 100 x 200 ft., reinforced-concrete and steel, on Main Street. H. Barton, Greensboro, Architect. \$500,000.

HIGHPOINT, N. C.—W. L. Jackson, Chairman, Sanatorium, Inc., receives bids for building three story, tile and brick, hospital, on Johnson Street. H. Barton, Greensboro, Architect. \$60,000.

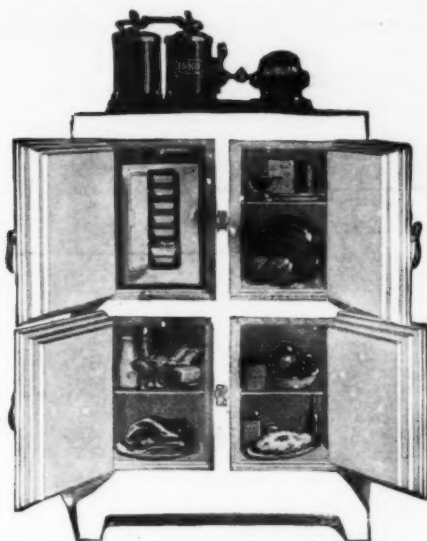
KANNAPOLIS, N. C.—Cabarrus Cotton Mills, Pickers Building, plans to build two three story mills, 100 x 150 ft. and 104 x 380 ft., mill construction. Robert & Co., Candler Building, Atlanta, Ga., Engineers and Architects.

KANNAPOLIS, N. C.—Cannon Mfg. Co. plans to construct four story, 100 x 200 ft., mill; four story, 100 x 275 ft., cotton mill, and four one story, 50 x 100 ft., warehouses, all mill construction. Robert & Co., Candler Building, Atlanta, Ga., Engineers and Architects.

MONROE, N. C.—School Board soon receives bids for building two story school, brick, on West Lancaster Street. \$50,000.

NASHVILLE, N. C.—Commissioners of Nash County propose building two story, brick, courthouse, on Washington Street. J. C. Stout, Nashville, Architect. \$75,000.

WILMINGTON, N. C.—School Board has awarded contract for a high school. \$265,000.



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ROXBORO, N. C.—Commissioners of Person County plan to build courthouse and jail. \$200,000.

SHELBY, N. C.—Cleveland Springs Co. plans to build hotel here. \$300,000.

WAKE FOREST, N. C.—Wake Forest Hotel Co. soon lets contract for building four story, brick, hotel. F. B. Simpson, Raleigh, Architect. \$50,000.

NORTH DAKOTA

FESSENDEN, N. D.—School Board soon lets contract for building three story high school. A. Fraser, Minot, Architect. \$60,000.

MINOT, N. D.—Second National Bank plans to construct seven story bank and office building. \$50,000.

WARFETON, N. D.—Lutheran Deaconess Hospital soon lets contract for three story hospital. Magney & Tusler, 450 Builders Exchange, Minneapolis, Minn., Architects. \$50,000.

OHIO

AKRON, OHIO.—The Firestone Rubber Co. will spend \$5,000,000 for housing employees and other improvements. H. S. Firestone, President.

AKRON, OHIO.—Stores and apartments will go up at Cuyahoga Falls and Ritter Avenues. Werdner & Tesch, Architects, Everett Building. Owner, A. E. Huston, Everett Building. \$75,000.

AKRON, OHIO.—Warehouse and office building will be erected at Quarry and Broadway Streets. Harpster & Bliss, Architects, Central Savings and Trust Building. Owner, Akron Grocery Co., Julius Dannemiller, President, 117 E. Mill Street. Brick, four story and basement, 125 x 190 ft. \$200,000.

AKRON, OHIO.—Seiberling Hotel and theater is proposed by R. H. Boreland, managing director, 211 Everett Building. General contract awarded to Thompson-Starrett Co., 49 Wall Street, New York City, and 175 W. Jackson Boulevard, Chicago. \$5,000,000.

AKRON, OHIO.—Warehouse will go up at 763-65 S. High Street by Rohner Paper Co., 803 S. High Street. \$50,000.

ASHLAND, OHIO.—Ashland Tire & Rubber Co. is having plans prepared by Osborn Engineering Co., Engineers, 2848 Prospect Avenue, Cleveland, for two story, 75 x 125 ft., reinforced-concrete, steel and brick, plant. \$90,000.

ASHLAND, OHIO.—Faultless Rubber Co. is having plans prepared by Osborn Engineering Co., Engineers, 2848 Prospect Avenue, Cleveland, for building three story, 80 x 160 ft., reinforced-concrete, steel and brick, addition to factory. \$75,000.

CARTHAGE, OHIO.—Lunkenheimer Co., Beekman and Tremont Streets, Cincinnati, plans to build concrete factory and clubhouse here. \$1,500,000.

CLEVELAND, OHIO.—Chandler Motor Co., East 131st Street and St. Clair Avenue, plans to build three story, 80 x 400 ft., reinforced-concrete, steel and brick, machine shop addition. \$200,000.

CLEVELAND, OHIO.—Cleveland Automobile Co., 300 East 131st Street, plans to build four story, 80 x 400 ft., reinforced-concrete, steel and brick, factory addition, on Euclid Avenue and London Road. \$750,000.

CLEVELAND, OHIO.—Hellenic Orthodox Community acquired site at 2167 West Fourteenth Street, and plans to build two story 46 x 85 ft. stone, steel and brick, church. \$75,000.

CLEVELAND, OHIO.—English Woolen Mills Co., 232 Superior Avenue, N. E., acquired site at 1712 Euclid Avenue, and plans to build four story, 66 x 190 ft., reinforced-concrete, steel, terra cotta and brick, commercial building. \$150,000.

CLEVELAND, OHIO.—Frey-Fisher Furniture Co., Marshall Building, purchased site on East 125th Street and St. Clair Avenue, and plans to build four story, 80 x 100 ft., concrete, steel and brick, commercial building. \$100,000.

CLEVELAND, OHIO.—Citizens Savings & Trust Co., E. 84 Euclid Avenue, will erect a sixteen story bank and office, 258 x 387 ft., on East Ninth and Euclid Avenue. \$8,000,000.

CLEVELAND, OHIO.—St. Luke's Hospital Association, 6606 Carnegie Avenue, will build a hospital at Baldwin and Fairmount Streets. \$1,000,000.

CLEVELAND, OHIO.—Christian, Schwarzenberg & Gaede, 1900 Euclid Avenue, have prepared plans for a six story, concrete, manufacturing building, 107 x 124 ft., on 1144 W. Third Street, for the Crown Land Co., 2310 Superior Avenue. \$180,000.

CLEVELAND, OHIO.—Mt. Sinai Hospital Association, East 105th Street and Hough Avenue, acquired site on East 105th Street and Ansel Road, and plans to build three story, 100 x 250 ft., reinforced-concrete, steel and brick, addition. \$100,000.

CLEVELAND, OHIO.—Terminal Building Co., Marshall Building, plans to build one story, 16 x 136 ft., reinforced-concrete, steel and brick, addition, at 204 West Superior Avenue. \$50,000.

CLEVELAND, OHIO.—Bamberger Reinthal Co., 2621 E. Ninth Street, have retained Christian, Schwarzenberg & Gaede, 1900 Euclid Avenue, to plan a knitting mill at 6118 Kinsman, three story, 76 x 230 ft., concrete. \$200,000.

CLEVELAND, OHIO.—Theater, store and dance hall is proposed for erection at 1371 Hayden Avenue, for Shaw-Hayden Amusement Co., 1900 Euclid Avenue. W. S. Ferguson, Architect, 1900 Euclid Avenue. 120 x 113 ft., three story, brick. Contractor, J. E. Christian Co., St. Clair. Superintendent, H. M. Ferrand, 1744 Doan Avenue. \$80,000.

CLEVELAND, OHIO.—39 suite apartment, 15,000 Euclid Avenue, is planned for Ezra Brudno, 101 Society for Savings Building. Fred F. Book, Architect, 501 Society for Savings Building. 124 x 88 ft., three story, brick, reinforced-concrete. \$125,000.

DARROWVILLE, OHIO.—Country clubhouse is being planned, Akron-Cleveland Highway, at Darrowville, Ohio. Wardner & Tesch, Architects, Everett Building. Owner, Meadowbrook Country Club, F. R. Ritchie, 231 Ohio Building. \$200,000.

LODI, OHIO.—Methodist Episcopal Congregation and W. H. Niklas, Architect. 1900 Euclid Avenue, Cleveland, is receiving bids for one story, 73 x 125 ft., reinforced-concrete, steel and brick, church. \$60,000.

OKLAHOMA

OKLAHOMA CITY, OKLA.—City plans election to vote on \$750,000 bonds to build auditorium.

TULSA, OKLA.—An investment of \$750,000 has been decided upon for building and equipping a big sulphuric acid and acid phosphate plant by Henryetta Spelter Co., Oklahoma.

OREGON

ASTORIA, ORE.—Jensen & Von Herberg, Liberty Theater, Portland, plan to build two or three story, 100 x 166 ft., brick or concrete, theater, here. \$100,000.

MARSHFIELD, ORE.—A. H. Powers purchased 100 x 140 ft. site, on Powers tract, and plans to build two or three story concrete business block. \$50,000.

PENNSYLVANIA

CHESTER, PA.—Chester Club soon lets contract for building four story, 65 x 110 ft., marble, brick and terra cotta, clubhouse. C. Brazier, Crozer Building, Architect. \$140,000.

DOBBSBURGH, PA.—Borough plans to build two story, 48 x 68 ft., town hall. J. S. Petton, Second National Bank Building, Wilkes-Barre, Architect. \$52,000.

NANTICOKE, PA.—Polish Bank Association is having plans prepared by A. Reilly, Architect, Bennett Building, Wilkes-Barre, for building one story, 25 x 100 ft., marble, brick and terra cotta, bank. \$50,000.

NANTICOKE, PA.—Borough is having plans prepared by A. Reilly, Architect, Bennett Building, Wilkes-Barre, for building two story, 25 x 40 ft., and two story, 30 x 50 ft., brick, timber and stone, schools. \$70,000 and \$80,000 respectively.

OLYFPHANT, PA.—Scranton Gas & Water Co. plans to build one story, 25 x 50 ft., reinforced-concrete, steel and brick, office. E. Davis and G. M. Lewis, Union Trust Building, Scranton, Architects. \$50,000.

PHILADELPHIA, PA.—Fidelity Trust Co., Broad and Chestnut Streets, had plans prepared by J. T. Windrem, Architect, Commonwealth Trust Building, for thirty-two story, brick, steel and stone, bank and office building; six stories 27 x 127 ft. and twenty-six stories 175 x 229 ft., on Broad and Walnut Streets. \$8,000,000.

PHILADELPHIA, PA.—City is having plans prepared by C. E. Oelschlager, Architect, 1615 Walnut Street, for making interior alterations to two and three story House of Correction, on Helmerburg Street Road. \$50,000.

PHILADELPHIA, PA.—Protestant Episcopal Divinity School, Forty-second and Spruce Streets, plan to build school. Zantinger, Borie & Medary, Sixteenth and Sansom Streets, Architects. \$50,000.

PITTSBURGH, PA.—Hazelwood Presbyterian Congregation is receiving bids for building one story, 70 x 100 ft., stone, church, in Hazelwood District. O. M. Topp, Jenkins Arcade, Architect. \$50,000.

PITTSBURGH, PA.—Board of Education proposes building three story, 225 x 250 ft., steel, brick and terra cotta, high school, in Homewood District. G. S. Orth & Co., Jenkins Arcade, Engineers. \$1,300,000.

PLYMOUTH, PA.—St. Leo Polish Catholic Congregation plans to build two story, 50 x 133 ft., reinforced-concrete, steel and brick, church. Morris & McHale, Burr Building, Scranton, Architects. \$90,000.

SCRANTON, PA.—Maccar Truck Co., Cliff Street, plans to build one story, 40 x 60 ft., concrete and brick, comfort station, on Mulberry Street. Davis & Lewis, Union Bank Building, Architects. \$51,000.

WAYNESBORO, PA.—People's National Bank is having plans prepared by Wyatt & Nolting, Architects, 1012 Keyser Building, Baltimore, Md., for bank. \$50,000.

WILKES-BARRE, PA.—Chopin Singing Society, Miners Bank Building, plans to build five story club, 70 x 110 ft., brick and timber, on South Washington Street. \$115,000.

RHODE ISLAND

PROVIDENCE, R. I.—Jackson, Robertson & Adams, Architects, Turks Head Building, will design four story, 58 x 123 ft. and 63 x 113 ft., brick, office building, on West Exchange Street, for General Fire Extinguisher Co., Providence. \$150,000.

PROVIDENCE, R. I.—General Baking Co., 207 Brook Street, plans to build brick and concrete addition to bakery on John and William Streets. \$150,000.

TENNESSEE

MEMPHIS, TENN.—City plans to build auditorium and market house to cover one block square on Main and Poplar Streets. C. O. Pfeil, Union Planters Bank Building, Architect. \$750,000.

TEXAS

DALLAS, TEX.—Magnolia Petroleum Co. proposes erection of a sixteen story office building, at Akard and Commerce Streets.

DALLAS, TEX.—C. L. Sanger, President, Dallas Property Owners Association, is having plans prepared for building twelve story, 100 x 100 ft., reinforced-concrete, office building. \$1,000,000.

DONNA, TEX.—Trustees of Donna Independent School District will soon receive bids for building one story school. H. F. Kuchner, 526 Littlefield Building, Austin, Architect. \$60,000.

FORT WORTH, TEX.—Livingstone Oil Corp. purchased site on Fourth Street, 75 x 100 ft.; plans to erect ten story office building.

ROCKDALE, TEX.—City plans to build school. C. H. Page & Bros., Austin National Bank, Austin, Tex., Architects. \$75,000.

WEATHERFORD, TEX.—City plans to build three story, brick, hotel. G. C. Poston, Secretary, Board of Directors. \$100,000.

UTAH

LEHI, UTAH.—City is having plans prepared by Ware & Treganza, Architects, Utah Savings and Trust Building, Salt Lake City, for constructing 90 x 120 ft. memorial building. \$65,000.

PROVO, UTAH.—School Board proposes building two story high school, 135 x 165 ft., on Provo Bend. Ware & Treganza, Utah Savings and Trust Building, Salt Lake City, Architects and Engineers. \$100,000.

SALT LAKE CITY, UTAH.—Julia Morgan, Merchants Exchange Building, San Francisco, has plans for a one story, brick, recreation building, for the Y. W. C. A., at Salt Lake City. \$70,000.

WASHINGTON

ABERDEEN, WASH.—Pantages Amusement Co. plans to build four story, brick and concrete, theater (2000 seating capacity), on I and Wishkah Streets. \$175,000.

BREMERTON, WASH.—Mutual Trading Co. plans to build four story, 60 x 103 ft., store and hotel. E. W. Houghton, Lumber Exchange Building Seattle, Architect. \$70,000.

HOQUIAM, WASH.—Boeing, Merrill & Endresen plan to build one story block, 50 x 75 ft., concrete and brick. Beeb & Gould, Seattle, Architects. \$50,000.

SEATTLE, WASH.—Chandler, Lyon Co., 914 East Pie Street, let contract for building three story, 120 x 121 ft., concrete building, to H. D. Stewart, American Bank Building. \$91,000.

SPOKANE, WASH.—Spokane Drug Co., 707 Railroad Avenue, plans to build five story, 116 x 142 ft., concrete and steel, drug house, on Wall Street. A. L. Hawes, Vice-President. \$200,000.

SPOKANE, WASH.—Arthur A. Morse proposes erection of an apartment. \$100,000.

SPOKANE, WASH.—A. A. Morse, 17 Third Street, plans to build three or four story, brick or concrete, hotel. \$100,000.

YAKIMA, WASH.—A church will be erected by the Methodists. Rev. E. Elmer Smith, Pastor. \$150,000.

WISCONSIN

BLOOMINGTON, WIS.—Board of Education plans to build four story, 90 x 150 ft., high school, on Main Street. \$75,000.

CUBARY, WIS.—Cudahy State Bank plans to build two story, 70 x 150 ft., reinforced-concrete and brick, bank, on Main and Center Streets. J. D. Bull, President. \$75,000.

EIMA, WASH.—Minard & Co. plans to build two story, 99 x 127 ft., brick and concrete, store. \$50,000.

SHEBOYGAN, WIS.—Northern Furniture Co., South Water and North Grey Streets, plans to build four-five story, 63 x 190 ft., brick, reinforced-concrete and steel, factory, on New Jersey Street. \$65,000.

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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

BIRMINGHAM, ALA.—A four-story warehouse to be occupied by the Goodyear Tire & Rubber Co., lessees, will be erected on First Ave. between 16th and 17th Sts. The building will be four story, brick, 50 x 182 ft., to cost approximately \$45,000.

CALIFORNIA

BERKELEY, CAL.—City plans to build junior high school, cost \$250,000; also high school, \$800,000. W. C. Hays, 1st Natl. Bank Bldg., San Francisco, Archt.

LOS ANGELES, CAL.—W. J. Dodd, architect, Brack-Shops Bldg., is preparing plans for a 100 x 120 ft. reinforced concrete, brick and terra cotta office and store building for L. Phillips, care Penn Mutual Life Insurance Co., 6th and Olive Sts. Cost about \$1,500,000.

MARYSVILLE, CAL.—The City Council has granted the Sacramento Northern Railroad Co. a permit to erect a freight and passenger station at E and 2d Sts. The building will be 100 x 320 ft. and is estimated to cost \$30,000.

NAPA, CAL.—Blumenfeld & Knox, Empire Theater, having plans prepared by Reid Bros., Architects, California-Pacific Bldg., San Francisco, for 2 story, 75 x 120 ft., theater, \$50,000.

SANTA PAULA, CAL.—Mupo Citrus Assn. having plans prepared by Allison & Allison, Architects, 1405 Hibernian Bldg., Los Angeles, for building 2 story, 80 x 100 ft., rein-con. packing house.

SANTA PAULA, CAL.—Santa Paula Citrus Assn. having plans prepared by Allison & Allison, Architects, 1405 Hibernian Bldg., Los Angeles, for 2 story, 100 x 100 ft., hollow tile and concrete addition to packing house.

COLORADO

DENVER, COL.—T. Roberts, 1235 Bway., soon receives bids for building 100 x 125 ft. rein-con. steel and brick garage, on 11th and Hancock Sts. \$90,000. J. J. Huddart, 409 Bank Bldg., Archt.

CONNECTICUT

BRIDGEPORT, CONN.—Bridgeport Brass Co., Grand Street, is having plans prepared by H. M. Lane Co., Engineers, 701 Owen Building, Detroit, for one story, 150 x 220 ft., brick, steel and concrete, addition to casting shop, on Grand Street. \$150,000.

HARTFORD, CONN.—United States Rubber Co., Broadway and Fifty-eighth Street, New York City, plans to build six story, 100 x 300 ft., brick and concrete addition to plant, on Bartholomew Street, here.

MARCHESTER, CONN.—Orford Soap Co., Hilliard St., plans to build brick and mill construction factory and mill. \$40,000.

NEW HAVEN, CONN.—Grace Hospital, New Haven, Conn., is erecting a large 5 story addition to cost \$265,000.

NEW HAVEN, CONN.—St. Raphael's Hospital, New Haven, Conn., is to be enlarged by a 4 story addition.

NEW HAVEN, CONN.—F. T. Cox, Railroad Ave. and New St., plans to convert Old Natl. Casket Co. plant into cold storage plant and building large rein-con. addition. \$60,000.

NORWICH, CONN.—The Norwich State Hospital, Norwich, Conn., is erecting a new building for psychopathic work, which is to cost \$200,000.

WINDSOR LOCKS, CONN.—Ford, Buck & Sheldon, Inc., Engrs., 60 Prospect St., Hartford, soon receive bids for building 2 story, 84 x 135 ft. addition to factory, and 1 story, 84 x 100 ft. cotton plant, for J. R. Montgomery Co., Windsor Locks. \$80,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Announcement is made by S. W. Straus & Co., 150 Broadway, New York, of a \$2,000,000 hotel apartment to be erected in Washington. It will be 8 stories high, containing 700 rooms, arranged in suites.

IDAHO

GLENNS FALLS, IDAHO.—D. M. Gorley having plans prepared by Wayland & Fennell, Architects, Idaho Bldg., Boise, for building 2 story, 75 x 140 ft. brick hotel. \$50,000.

TWIN FALLS, IDAHO.—Buildings will be erected by the L. D. S. Church, including tabernacle, academy, etc. \$100,000.

ILLINOIS

CHICAGO, ILL.—Creamery Package Co., 61 West Kinzie St., plans to build plant on Division St. and Kostner Ave. to consist of group of buildings, including office, warehouse. \$250,000.

CHICAGO, ILL.—Economy Machine Products Co., 4755 London Ave., plans to build 160 x 200 ft. factory, on Lawrence and Lipps Aves. \$100,000.

CHICAGO, ILL.—D. S. Klaffer, Archt., 64 West Randolph St., soon receives bids for building 3 story, 75 x 100 ft. mill construction factory, on Robey St. and Wilmot Ave., for Ozark Garment Mfg. Co., 1718 North Robey St. \$75,000.

CHICAGO, ILL.—L. Lehle, Archt., 38 South Dearborn St., proposes building 1 and 2 story, 75 x 125 ft. and 50 x 125 ft. brick, steel and concrete factory, on Seminary Ave. near Cornelia Ave., for Westerlin & Campbell Co., 26 North Clinton St.

CHICAGO, ILL.—Wahl Co., 1800 North Roscoe St., will build 5 story, 125 x 150 ft. rein-con. factory, on Roscoe and Lincoln Sts. \$225,000. B. H. Prack, Keystone Bldg., Pittsburgh, Pa., Archt.

CHICAGO, ILL.—Madison & Kedzie State Bank, 3131 West Madison St., having plans prepared by J. K. Cady, Archt., 179 West Washington St., for 2 story, 100 x 125 ft., brick bank, on Madison St. and Kedzie Ave. \$325,000.

CHICAGO, ILL.—Security Bank of Chicago, 741 Milwaukee Ave., plans to build 3 story bank, 120 x 135 ft., on Milwaukee and Chicago Aves. \$150,000.

CHICAGO, ILL.—Bnai Abraham Zion-Jewish congregation, 27 West Illinois St., plans to build community house and synagogue on Washington Blvd. and Karlov Ave. \$200,000.

CHICAGO, ILL.—A. S. Alschuler, Archt., 28 East Jackson St., soon receives bids for building 12 story, 75 x 125 ft., rein-con. and tile office, on Wabash and Harrison Sts., for W. G. Shedd, care architect. \$1,300,000.

CHICAGO, ILL.—The Fulton Market Cold Storage Co. has announced that it will erect a \$4,000,000 cold storage warehouse to cover the block bounded by Fulton, Morgan, Carpenter Sts. and Carroll Ave. Gardner & Lindberg, architects, have prepared plans.

INDIANA

INDIANAPOLIS, IND.—Board of Park Commissioners proposes to erect a two-story Golf house in Riverside Park, to cost \$40,000.

INDIANAPOLIS, IND.—Two new buildings, costing approximately \$250,000, are to be erected by the Methodist Episcopal Hospital. Architects, Richard E. Schmidt, Garden and Martin, 104 S. Michigan Ave., Chicago, Ill.

PETERSBURG, IND.—The Board of Pike County Commissioners has ordered the erection of a \$250,000 courthouse to be built in Petersburg.

IOWA

NEWTON, IOWA.—A three-story hospital to cost \$90,000 is to be erected from plans by Cervin & Horn, architects.

SIoux CITY, IOWA.—A new three-story hospital is to be erected by the Lutheran Hospital to cost about \$125,000. Architects, Beuttler & Arnold, Security Bldg., Sioux City.

WINTERSSET, IA.—Bd. Educ. having plans prepared by W. E. Hulase & Co., Architects, Hutchinson, Kan., for 2 story, 90 x 140 ft., rein-con. and brick school. \$150,000.

KANSAS

ARKANSAS CITY, KAN.—Arkansas Hotel Co. plans to build 3 story, brick, hotel. \$200,000. Shepard, Farrar & Wiser, 1202 R. A. Long Bldg., Kansas City, Mo., Architects.

ATCHISON, KAN.—Bd. Educ. will build 2 story, rein-con., steel and brick school. \$75,000. W. Saviour & Co., Reliance Bldg., Kansas City, Mo., Architects.

HIWATHIA, KAN.—City having plans prepared for building 2 story, 80 x 130 ft., concrete, steel and brick auditorium. T. W. Williamson & Co., 418 Central Natl. Bank Bldg., Topeka, Archt.

HOLTON, KAN.—Jackson Co. plans to build 3 story, 85 x 100 ft., stone and brick court house. \$140,000. T. W. Williamson & Co., 418 Central Natl. Bank Bldg., Topeka, Archt.

LAKIN, KAN.—Bd. Educ. soon lets contract for building 2 story, 54 x 90 ft., concrete and

brick school. \$50,000. H. A. Noble, Reliance Bldg., Kansas City, Mo., Engr. Mann & Gerow, Hutchinson, Architects.

WICHITA, KAN.—A five-story building costing \$250,000 is to be erected for the Wesley Hospital, Wichita. Richards, McCarty and Bulford, Hartman Bldg., Columbus, O., are the architects.

LOUISIANA

BATON ROUGE, LA.—A courthouse is proposed for erection. Joe Gebelin, President, Courthouse Commission. \$450,000.

LAKE CHARLES, LA.—Baptists of Louisiana will convert the present orphanage into a large sanatorium, and build a new orphanage. Dr. R. C. Flowers, Superintendent of Baptist Orphanage, Lake Charles, La. \$125,000.

SHREVEPORT, LA.—New Orleans Business Men will erect a building at the State Fair Grounds, Shreveport. E. A. Christy, City Architect of New Orleans, has prepared plans. \$35,000.

MARYLAND

BALTIMORE, MD.—Fenway Apartment Co., St. Paul and 34th Sts., plans to build 2 story, 54 x 108 ft., concrete and steel garage. \$55,000. Parker, Thomas & Rice, 1109 Union Trust Bldg., Archts.

BALTIMORE, MD.—Hutzler Bros. Co., 212 North Howard St., having plans prepared by F. Baldwin, Archt., 328 North Charles St., for 8 story, 60 x 60 x 154 ft., rein-con. and brick warehouse, on Saratoga and State Sts. \$85,000.

ROOMSBORO, MD.—City having plans prepared for 29 x 50 ft., rein-con., granite and bronze community mausoleum.

CUMBERLAND, MD.—Kelly-Springfield Tire Co., Akron, Ohio, will erect \$10,000,000 factory. Contract for foundation to cost \$1,000,000 has been let to Hunkin Conkey Constr. Co., Century Bldg., Cleveland.

MASSACHUSETTS

BOSTON, MASS.—The Stutz will build an addition to their factory which, with equipment, will cost approximately \$800,000.

BOSTON, MASS.—Brocton Rand Company will make plans at once for a wooden addition to cost \$30,000. It will be 4 story, 63 x 84 ft.

BROCKTON, MASS.—A five story factory and other extensive improvements are proposed for the Liberty Shoe Co. Plans drawn by J. Williams Beal, Boston, Architect. The site is Court Street and Peckham Avenue, Brockton.

BROCKTON, MASS.—Plans have been completed by the T. D. Barry Co., 174 Court Street, for the erection of three large wings, 150 ft. long and four stories in height, on Court Street, and a 100 ft. storehouse, three stories high. \$150,000.

GARDNER, MASS.—T. A. Dunn & Co. plans to build brick and mill construction addition to factory. \$40,000.

CHARLEMONT, MASS.—Douglas Packing Co., Rochester, N. Y., soon receives bids for building evaporating plant, brick and timber. \$25,000.

CLINTON, MASS.—L. S. Gottlieb, Archt., 101 Park Ave., New York City, proposes building 4 story, brick, steel and rein-con. mill, for Roubaix Mills, 792 Main St. A. Braciner, 110 West 40th St., New York City, Engr.

NORTHAMPTON, MASS.—J. W. Riley, 132 Pleasant St., will build 1 story, 55 x 173 ft. brick and concrete garage. \$30,000.

SPRINGFIELD, MASS.—The Torrington Needle Co. will erect a four-story addition to their factory. Size 50 x 100 ft.

WEST UPTON, MASS.—Upton Mfg. Co. plans to build 2 story brick and mill construction addition to factory on Williams and Grafton Sts. \$30,000.

MICHIGAN

DETROIT, MICH.—Plans have been prepared by Harry J. Hill, 54 Buhl Block, Detroit, for a three story and basement school and Young Men's Club, 65 x 145 ft., to be constructed by the St. Hedwig's Parish, Rev. Eustace Partoszewicz, pastor.

DETROIT, MICH.—Permit has been issued to M. F. Finkel, Ehrlich Bldg., Detroit, for a four story brick apartment, 79 x 150 ft., at 2358-60 West Grand Blvd., for David E. Hopin, Owner. Estimated cost, \$100,000.

DETROIT, MICH.—G. A. Lindke, Monroe and Farmer Sts., has had plans prepared by Rogers, Bonnaah and Chaffee, architects, 528



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41-37

Forwell Bldg., for a three-story, 140 x 159 ft., reinforced concrete, brick and steel store and hotel. Cost about \$300,000.

LANSING, MICH.—A chapel and mortuary building will be erected by Bailey M. Buck, Washington Avenue and Ionia Street. \$25,000.

LANSING, MICH.—Standard Real Estate Co. is in charge of an undertaking to erect 35 modern dwellings in the residence section of Heatherwood, costing from \$5,500 to \$7,500 each. Alfred A. Hahn, Toledo, O., Archt. and builder.

PORT HURON, MICH.—First Nat'l Bank, D. D. Brown, Cashier, will erect 1-story bank building, to cost \$125,000. Hodgson & Co., Archt.

WAIJAMAGA, MICH.—E. R. Dunlap, Archt., 709 Hammond Bldg., Detroit, desires to build 1 story, 43 x 265 ft., rein.-con., brick and steel hospital for Michigan Colony for Epileptics.

MINNESOTA

FERGUS FALLS, MINN.—Northern Pacific R.R., Railroad Bldg., St. Paul, having plans prepared by O. M. Rognan, Archt., 1228 Railroad Bldg., St. Paul, for 2 story, rein.-con., brick and tile station. \$60,000. H. E. Stevens, Ch. Engr.

JORDAN, MINN.—Mudlavia Sanatorium having preliminary plans prepared by W. D. MacLeith, Archt., 1220 Seminary Ave., St. Paul, for 200 room sanatorium. T. Shannon, Mgr.

MINNEAPOLIS, MINN.—Bd. Educ. will build 8 room, rein.-con. and brick school, on Nicollet Ave. and 58th St., to be known as Richfield Consolidated School. \$100,000.

MINNEAPOLIS, MINN.—Berman Bros., 227 North 1st St., having plans prepared by Long, Lamoreaux & Long, Archts., 1028 Andrus Bldg., for 4 story, 84 x 105 ft., warehouse, rein.-con., on 9th Ave., S., and 3rd St. \$75,000.

MINNEAPOLIS, MINN.—Northwestern Catalog Co., 800 Phoenix Bldg., will build 4 story, 100 x 100 ft., brick and tile warehouse. \$100,000. Long, Lamoreaux & Long, Archts., 1028 Andrus Bldg.

ST. PAUL, MINN.—City having plans prepared for 2 story, 60 x 80 ft., fire station, on University and Van Daley Sts. \$50,000. C. A. Hausler, City Archt.

VIRGINIA, MINN.—Presbyterian Society receives bids about Oct. 1 for building 62 x 103 ft. church. \$75,000. Hewitt & Brown, 716 4th Ave., S., Minneapolis, Archts.

MISSOURI

BOONEVILLE, MO.—Hamilton-Browne Shoe Co., 12th and Washington Sts., St. Louis, will build rein.-con. and steel factory. F. C. Taxis, Chemical Bldg., St. Louis, Engr. \$50,000.

CARTHAGE, MO.—Platt-Porter Wholesale Grocery Co. having plans prepared for building 2 story, 50 x 160 ft., concrete and stone warehouse, on 6th and Main Sts. \$55,000. P. K. Simpson, Carthage, Archt.

ST. JOSEPH, MO.—First Presbyterian Congregation is having plans prepared for a concrete, brick and steel Sunday School to cost about \$60,000. Meier and Arnold, 2526 Jule St., St. Joseph, architects.

ST. JOSEPH, MO.—Grant Motor Co., Frederick Ave., will build 2 story, 120 x 140 ft. garage, on 10th and Edmond Sts. \$55,000. R. Meier, 2526 Jule St., Archt.

ST. JOSEPH, MO.—Western Tablet Co., 11th and Mitchell Sts., having plans prepared by R. Meier, Archt., 2526 Jule St., for 6 story, 142 x 160 ft., rein.-con., steel and brick factory. \$250,000.

NEBRASKA

AURORA, NEB.—Board of Education, Consolidated Dist. No. 99 is having plans prepared for a two-story, 70 x 122 ft., brick school to cost \$60,000. R. A. Bradley & Co., Hastings, Neb., Archts.

GRAND ISLAND, NEB.—Board of Education plans to build a three-story, 150 x 200 ft., brick high school to cost about \$300,000. Kirschke & Crocker, architects, Grand Island.

GRAND ISLAND, NEB.—Statets of St. Francis have had plans prepared by R. A. Bradley & Co., Hastings, Neb., for a two-story concrete, steel and brick hospital, to cost \$55,000.

LINCOLN, NEB.—Board of Education will erect a two-story fireproof school from plans of Fiske and Meginnis, architects, 533 Bankers' Life Bldg., to cost \$450,000.

OMAHA, NEB.—M. E. Smith & Co., 9th and Farnam Sts., plans to build 8 story, 100 x 132 ft. factory on 10th and Douglas Sts. F. S. Stott, 216 Kennedy Bldg., Archt. \$400,000.

OMAHA, NEB.—A ten story film building will go up at Tenth and Harney Streets, 60 x 132 ft. Site owned by Geo. Warren Smith, Watterton Park, Me. Wm. Duke Harrison, New York, Architect, is preparing plans \$250,000.

NEVADA

RENO, NEV.—Bd. Regents, University of Nevada, having plans prepared by F. J. Le-Longchamps, Archt., 332 Gazette Bldg., for 2 story, 58 x 160 ft., brick and timber university, on campus.

NEW JERSEY

ATLANTIC CITY, N. J.—Dewey Apartment Co. will erect a structure at Ventnor Avenue. Wm. B. Riebenack & Co., Architects. \$30,000.

ATLANTIC CITY, N. J.—Board of Governors of local hospital, Atlantic City, will erect a \$100,000 addition to structure at Ohio and Pacific Aves. A. M. Heston, Secretary.

ATLANTIC CITY, N. J.—Seward G. Dobbins, architect, 18 S. Virginia Ave., Atlantic City, has prepared plans for a four-story fireproof mercantile building to be erected at the corner of Kentucky and Atlantic Aves. for the Kensington Carpet Co. Size 49 x 100 ft.

CLIFTON, N. J.—A \$100,000 modern bakery will be erected at Lexington and East Clifton Aves. by a concern headed by W. Lazzaro of Oak St., Passaic, N. J.

OCEAN CITY, N. J.—A hotel is proposed for a site on the Boardwalk and Atlantic Avenue, between Sixth and Seventh Streets. The property is now in the hands of the Board of Trade. \$600,000.

NEW MEXICO

SANTA FE, N. M.—Knights Columbus plan to build 2 or 4 story, 40 x 150 ft. concrete and brick home, on Palace Ave. Cost to exceed \$50,000.

NEW YORK

ALBANY, N. Y.—Crane Co., 836 South Michigan Ave., Chicago, having plans prepared by Fuller & Robinson, Archts., 95 State St., for brick and concrete factory and assembly building, on North Bway, here. \$200,000.

BROOKLYN, N. Y.—F. Dovale Developing Co., 160 Broadway, New York, proposes the erection of 2-story brick building to cost \$55,000. F. J. Dassau, 1373 Broadway, Brooklyn, Archt.

BROOKLYN, N. Y.—Capitol Lunch System, Brooklyn, will alter a 4-story building at Court St., near Joralemon St. Cost \$20,000. W. H. Dilthey, Archt.

BROOKLYN, N. Y.—Williamsburg Hospital, 108 So. 3d St., Brooklyn, proposes to erect a 6-story hospital and a 6-story home at Driggs Ave. and 9th St. The hospital 138 x 60.4 ft., to cost \$200,000; the home, 237 x 105 ft., to cost \$50,000. Helmle & Corbett, 190 Montague St., Brooklyn, Archts.

BROOKLYN, N. Y.—D. A. Schulte, Inc., 386 Broadway, New York, has had plans prepared for 2-story brick stores, 192 x 82.3 ft., at Fulton and Willoughby Sts.; cost, \$50,000. F. P. Platt & Bro., 1123 Broadway, New York, Archt.

BROOKLYN, N. Y.—Midwood Building Co., 44 Court St., Brooklyn, will erect 1-story brick garage, 100 x 100 ft., at 23d Ave. and E. 10th St., to cost \$25,000. M. A. Cantor, 373 Fulton St., Archt.

BROOKLYN, N. Y.—Flush Blocky Impt. Co., 391 Christopher St., New York City, will erect a 1-story brick garage, 110.10 x 115.6 ft., at George St. and Knickerbocker Ave. Cost \$35,000. H. A. Weinstein, Archt.

BUFFALO, N. Y.—Pierce-Arrow Motor Co., 1695 Elmwood Ave., plans to build 2 story brick and concrete addition to boiler house. \$100,000.

JOHNSON CITY, N. Y.—Endicott-Johnson Co. soon receives bids for building 6 story, 60 x 300 ft. rein.-con. factory on Lestershire Lumber & Box Co. site. Address G. F. Johnson, Johnson City. \$300,000.

LONG ISLAND CITY, N. Y.—A. G. S. Fletcher, Archts. and Engr., 103 Park Ave., New York City, will build 1 story, 200 x 285 ft., brick, rein.-con. and steel warehouse, on Borden Ave. School and Mount Sts., here, for Eggleston Bros., care architect.

NEW YORK, N. Y.—Kelly-Springfield Tire Co., 200 West 57th St., will build 4 story, 100 x 115 ft. warehouse and 1 story, 60 x 100 ft. service station, brick and steel, on 10th Ave. and 54th St. \$100,000. E. Necarsulmer, 507 5th Ave., Archt.

NEW YORK, N. Y.—Ludlow & Peabody, architects, 101 Park Ave., New York, are preparing plans for St. Jude's Chapel to be built on West 99th St. for St. Michael's Episcopal Church. The building is to be five stories high and fireproof.

NEW YORK, N. Y.—Moore & Landseidel, 148th St. and 3d Ave., are preparing plans for J. Federson, 148th St. and 3d Ave., for a one-story brick and steel garage, 65 x 155 ft., on West Farms Rd. and 176th St., to cost \$30,000.

NEW YORK, N. Y.—Gronenberg & Leuchtag, architects, 303 Fifth Ave., New York, are preparing plans for the J. M. B. Realty Co., 30 East 42d St., for a one-story 100 x

200 concrete, brick and steel garage, to be erected on East 158th St. at a cost of \$75,000.

NEW YORK, N. Y.—Warren & Wetmore, architects, 16 E. 47th St., New York, have prepared plans for a new seventeen-story hotel, 100 x 200 ft., to be erected on Park Ave. at 51st St. for the Linnard Corp. at a cost of \$2,000,000.

NEW YORK, N. Y.—F. Alberti, 186 Bleeker St., New York, will erect a one-story garage at 66-68 7th Ave. Size 60 x 83 ft., to cost \$30,000. F. E. Vitolo, 56 West 45th St., New York, Archt.

NEW YORK, N. Y.—Shampan & Shampan, Brooklyn, Architects, have plans in charge for the Greater New York Savings Bank at 453 Fourth Avenue, New York City.

NEW YORK, N. Y.—Ogden Golet Estate plans alteration to an eight-story office building at 51-25 Whitehall St., to cost \$25,000. J. H. Duncan, 347 Fifth Ave., New York City, architect.

OSWEGO, N. Y.—The Lastlong Knitting Co. will erect an addition to their factory in East 9th St.; four stories high, 60 x 60 ft.

ROCHESTER, N. Y.—J. H. Smith Co., 247 N. Goodman St., plans to build a three-story brick addition to factory at a cost of \$80,000.

SYRACUSE, N. Y.—Amer. Agricultural Chemical Co., 92 State St., Boston, purchased site on Barge Canal and Hiawatha St. here, and plans to build 3 story, 180 x 340 ft., rein.-con. warehouse, etc. \$500,000.

SYRACUSE, N. Y.—H. B. Conkling, 411 Tallman St., purchased 4 story, 50 x 100 ft., warehouse at 115 Otisco St., from Drennan Hardware Co. for Syracuse Rug Co., 11 Tallman St., who plans to build mill construction addition. \$25,000.

WEST ENDICOTT, N. Y. (Endicott P. O.)—Endicott-Johnson Co., Johnson City, plans to build 3 story tannery and 4 story shoe factory, concrete, here. Total cost \$350,000. Address G. F. Johnson, Johnson City.

NORTH CAROLINA

ALBEMARLE, N. C.—Albemarle Mfg. Co. plans to build mill, \$1,000,000.

SALISBURY, N. C.—Rowan Cotton Mills Co. plans to build 1 story, 100 x 400 ft., brick factory on South Main St. Extension, to include main factory, storage buildings and 30-40 employees' cottages. R. C. Biberstein, 614 Elizabeth Ave., Charlotte, Archt.

WILMINGTON, N. C.—A new high school is to be erected on Market St., between 13th and 14th. The building will be about 95 x 200 ft., brick, four stories high.

OHIO

Central High School

AKRON, OHIO.—Board of Education will advertise for bids for 3-story brick and stone school, 200 x 100 ft., to cost from \$250,000 to \$300,000. T. Ralph Ridley, Cottage Pl., Akron, Archt.

Central High School

AKRON, OHIO.—Board of Education will advertise for bids in Sept., for 3-story brick and stone schoolhouse, 200 x 157 ft., to cost from \$250,000 to 300,000. T. Ralph Ridley, Cottage Pl., Akron, Archt.

Central High School

AKRON, OHIO.—Board of Education will erect addition to schoolhouse, to cost about \$2,000,000. T. Ralph Ridley, Cottage Pl., Akron, Archt.

AKRON, OHIO.—H. H. Camp, Akron, will start at once the erection of a Tile Manufacturing Plant between Akron and Mogadore.

AKRON, OHIO.—Amer. Rubber & Tire Co., Akron, will erect a factory addition at 100 Beech St. Boldt-Law Constr. Co., 6110 Euclid Ave., Cleveland, Contractors.

AKRON, OHIO.—Herman Hoffman Co., Metropolitan Bldg., Akron, is having plans prepared for 2-story and basement brick stores and apartments at S. Arlington St., 50 x 100 ft. To cost \$50,000.

AKRON, OHIO.—Fairlawn Golf Club, H. M. Bacon, Pres., will soon let contract for a \$60,000 Club House.

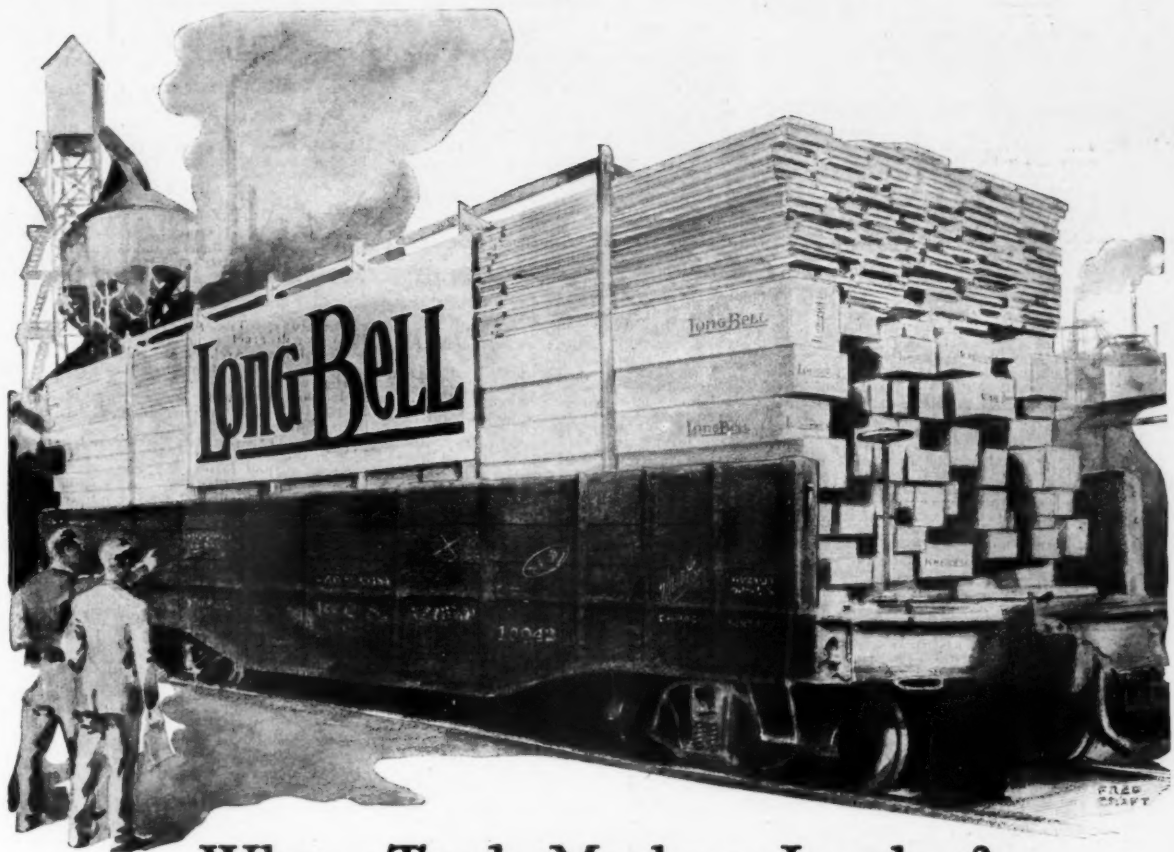
AKRON, OHIO.—C. A. Wilt will erect, at once, stores and apartments at 852 Exchange St. Cost \$55,000.

AKRON, OHIO.—Church of Christ will erect a new church at Bloomfield Ave. and Portage Path, to cost \$100,000.

AKRON, OHIO.—Plans have been drawn for a 3-story and basement brick apartment to be erected on Adams St. for Otto Haberkrast, 604 Days St.; 35 x 100 ft., cost \$65,000. Fichter & Brooker, 2 Nat'l Bank Bldg., Archts.

AKRON, OHIO.—Goodyear Tire & Rubber Co. have awarded a contract for a frame warehouse, 40 x 80 ft., cost \$20,000, to L. E. Smith, Akron Savings and Trust Bldg.

AKRON, OHIO.—B. F. Goodrich Co. has awarded contract for \$1,500,000 factory addition, 180 x 300, 9-story, brick, to T. E. McShaffrey Const. Co.



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Bell Lumber Company says in effect that it backs its products with its reputation. Our trade-mark gives our lumber a distinct recognizable individuality. It has forever passed out of the "just lumber" class.

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Manufacturer of Southern Pine, Oak, Oak Flooring, Gum; California White Pine; Creosoted Lumber, Posts, Poles, Ties, Piling and Wood Blocks.

CARROLLTON, OHIO.—Cummings Trust Co. has awarded contract for a \$70,000 bank building to Herbold Const. Co., Canton, O.

CLEVELAND, OHIO.—Ohio Blower Co., Cleveland, has let contract for a 4-story reinforced concrete factory, 80 x 16 ft., to Hunken Conkey Constr. Co., Century Bldg., Cleveland. Cost \$200,000. Osborn Engineering Co., 2848 Prospect Ave., Cleveland, Archt.

CLEVELAND, OHIO.—A. Teachout Co., 321 Prospect Ave., N. W., plans to build a three-story 100 x 160 ft. reinforced concrete, steel and brick lumber mill at W. 20th St. and Lorain Ave. Cost about \$80,000.

CLEVELAND, OHIO.—Citizens & Commerce Bank, East 8th and Euclid Ave., will erect a new bank building to cost \$8,000,000. Graham, Anderson, Probst & White, Railway Exchange Bldg., Chicago, Archts.

CLEVELAND, OHIO.—Vichek Tool Co., 8711 Mt. Auburn Ave., plans to build a one-story, 96 x 256 ft., reinforced concrete, steel and brick factory addition to cost about \$60,000.

CLEVELAND, OHIO.—The Citizens Savings & Trust Co. and the Union Commerce National Bank will erect a new skyscraper in Euclid Ave. at 9th St., to cost \$8,000,000.

CLEVELAND, OHIO.—The Euclid-Windsor Co., L. W. Kelly, Pres., has leased a large estate lying east of the East 46th St. Market House for improvement with buildings to cost about \$2,000,000. H. E. Shimmie, architect, 2031 Euclid Ave., Cleveland.

CLEVELAND, OHIO.—Willard Storage Battery Co., East 131st St., will erect a two-story, reinforced concrete, steel and brick factory addition, 35 x 137 ft., to cost about \$40,000.

DAYTON, OHIO.—The E. J. Mountstephen Housing Co. will build a 3-story fireproof apartment house on North Wilkinson St. Edw. Mountstephen, U. B. Bldg., Dayton, Archt.

DAYTON, OHIO.—The Crystal Ice Co. will erect an addition to their plant at 7th and Lawrence Sts. at a cost of \$45,000.

MIDDLETOWN, OHIO.—Broadway Methodist Church proposes construction of a parsonage. \$30,000.

PIQUA, OHIO.—Citizens Nat'l Bank, Henry Flesch, President, will erect a new bank building. H. H. Heisted, Easton, O., Archt.

RAVENNA, O.—New Cascade Tire & Rubber Co. having preliminary plans prepared by Osborn Eng. Co., Engrs., 2848 Prospect Ave., Cleveland, for plant to include several 1 and 2 story buildings, rein.-con., steel and brick. \$1,000,000.

SPRINGFIELD, O.—W. Baley Co., West North St., plans to build 2 story, 65 x 130 ft., rein.-con. and brick addition to factory. \$85,000.

SPRINGFIELD, O.—Thompson Grinder Co., Main and Murray Sts., plans to build 1 story, 50 x 200 ft., rein.-con. and brick factory and shop, also 1 story, 30 x 60 ft. stuccoed office, on Main and Zischler Sts. \$65,000.

WEST PARK, OHIO.—Board of Education has let contract for three new schoolhouses, 26 x 85 ft., to Peterson & Son, Engineers' Bldg., Cleveland. Total cost \$180,000.

OKLAHOMA

GUTHRIE, OKLA.—Scottish Rite Consistory plans to construct building to cost about \$500,000. Hawk & Parr, Security Bldg., Oklahoma City, architects.

HENRYETTA, OKLA.—A hotel is contemplated. Ben C. Eastin, Secretary, Chamber of Commerce. \$150,000.

HUGO, OKLA.—School Board will erect high school. Prof. M. P. Hammond, President, Southeast Oklahoma Normal. \$100,000.

OKLAHOMA, OKLA.—Oklahoma Gas & Electric Co., Insurance Bldg., will build 3 story office, 30 x 140 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on 1st St., near Bway. \$100,000. Parr & Hawk, 501 Security Bldg., Archts.

OREGON

ASTORIA, ORE.—An addition, 100 x 100 ft. will be made to the Weinhard-Astoria Hotel Building. F. N. Whitman, Proprietor. \$150,000.

BEND, ORE.—Sisters of St. Joseph have preliminary plans prepared for 3 or 4 story, brick, concrete foundation hospital. Cost of 1st unit, \$65,000.

SALM, ORE.—Willamette University having plans prepared by F. A. Legg, Archt., 263 South High St., for 2 or 3 story, brick or tile hall, on campus, to include gymnasium, parlors, shower baths, etc., for women. \$50,000.

SEASIDE, ORE.—Seaside Hotel Corp. having plans prepared by F. O. Johnson, Archt., 693 Marshall St., Portland, for brick or concrete hotel, 300 ft. long, on Pacific Beach. \$50,000.

SEASIDE, ORE.—Seaside Hotel Corp. having plans prepared by Johnson & Parker, Archts., United States Bank Bldg., Portland, for 4 story, 70 x 300 ft., brick and concrete, hotel, on beach. \$300,000.

PENNSYLVANIA

BETHLEHEM, PA.—Erection will be started at once of new Bethlehem High School building. Cramp & Co., Philadelphia, are the Contractors.

BETHLEHEM, PA.—A large apartment house will be erected at Third and Wyandotte Streets, by Robert E. Wilbur. F. H. Villie, Architect, E. P. Wilbur Trust Co. Building. \$150,000.

BUTLER, PA.—Guaranty Safe Deposit & Trust Co. has awarded contract for a 1-story bank building to G. W. Stiles Co., 209 S. La Salle St., Chicago, Ill. Weary Alford Co., Chicago, Archts.

GREENSBURG, PA.—The Board of Directors of the local Y. M. C. A. have purchased land for a \$30,000 addition to adjoin the present Y. M. C. A. building.

LANSDALE, PA.—Methodist Episcopal congregation having plans prepared by G. E. Savage, Archt., Witherspoon Bldg., Phila., for 1 story, 55 x 110 ft. stone church. \$50,000.

PHILADELPHIA, PA.—Dept. Health and Charities soon receives bids for altering and building 3 story, 40 x 62 ft., 40 x 50 ft. and 31 x 47 ft., brick and stone hospital, for contagious diseases. \$300,000. P. H. Johnson, 1713 Sansom St., Archt. and Engr.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., having plans prepared by Alden & Harlow, Archts., Farmers' Bank Bldg., for building 4 story steel and brick addition to South Hills High School on Ruth St. \$911,200.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., plans to build 3 story, 65 x 125 ft., steel and brick addition to Gladstone Elementary School. \$238,000. O. M. Topp, Jenkins Arcade, Archt.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., having plans prepared by E. Stolz, Archt., Monongahela Bldg., for building 2 story, 64 x 158 ft., brick and steel addition, on South 9th and Carsons Sts. \$221,400.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., having plans prepared by Kiehnell & Elliott, Archts., 245 4th Ave., for 3 story school, 75 x 340 ft., with 65 ft. wing, steel and brick, on Greenfield Ave., to be known as Greenfield Elementary School. \$598,720.

PITTSBURGH, PA.—Nat'l Casket Co., Chateau and Reedsdale Sts., plans to build 5 story, 60 x 330 ft., rein.-con. factory and office, on Reedsdale and Mumford Sts., N. S. \$199,000. W. G. Wilkins Co., Westinghouse Bldg., Engr. and Archt.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., having plans prepared by P. C. Bowler, Archt., Magee Bldg., for 3 story, 70 x 320 ft. school, with 40 ft. wing, brick and steel, to be known as Beechwood Elementary School. \$553,040.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., had plans prepared by McClure & Spahr, Archts., Keystone Bldg., for 3 story, 170 x 303 ft., brick and steel, high school, in Sheridan Dist., to be known as Samuel P. Langley High School. \$664,500.

PITTSBURGH, PA.—Bd. Educ., Fulton Bldg., having plans prepared by R. M. Trimble, Archt., Ferguson Bldg., for 3 story, 130 x 242 ft., steel and brick addition to Perry Elementary School, on Perrysville Ave. \$612,000.

SCRANTON, PA.—Mr. Max Savage will erect two apartments at Ash St. and Quincy Ave. Four story, 90 x 160 ft., to cost about \$104,000. David N. Morgan is the architect.

SCRANTON, PA.—E. A. Fuller has been awarded the contract for the erection of a \$200,000 wall paper factory for the New Wall Paper Co. in the 100 block of Washington Ave. The building will be four stories high, of brick and steel.

TURBOTVILLE, PA.—A. P. Villa & Bro. Inc., 95 Madison Ave., New York City, having plans prepared by W. H. Lee, Archt., 32 South 17th St., Phila., for building 1 story, 50 x 163 and 50 x 70 ft. factory, here.

WILKES-BARRE, PA.—J. Luksic having plans prepared by H. Maier, Archt., Coal Exch. Bldg., for 2 story, 54 x 180 ft., rein.-con., steel and brick garage, on Washington St. \$50,000.

WILKES-BARRE, PA.—Syrian Greek Catholic congregation plans to build 2 story, 40 x 80 ft., brick, stone and steel church, on Park Ave. \$80,000. C. R. Rinehimer, 10 Airy St., Archt.

RHODE ISLAND

PROVIDENCE, R. I.—The contract has been awarded for the erection of an addition to the Textile Building of the Rhode Island School of Design, on North and Main Sts. It is to be of reinforced concrete, four stories and basement high, 62 x 85 ft.

PROVIDENCE, R. I.—Page & Page, Architects, 87 Weybosset Street, soon receive bids for one story, 87 x 99 ft., cement concrete garage, on Sheldon and Benefit Streets, for M. Kellman, 38 Wickenden Street. \$30,000.

PROVIDENCE, R. I.—Weeden Land Co., Broad and Fenner Streets, propose building one story, 60 x 96 ft., garage, service and

sales stations, brick, concrete and stone. \$25,000.

PROVIDENCE, R. I.—Estate of R. G. Davis, 236-240 Meeting St., will build 3 story, 50 x 135 ft. concrete and steel garage and service station. \$50,000.

PROVIDENCE, R. I.—T. F. and W. F. Hussey, 226 Williams St., will build 1 story, 50 x 183 ft. brick garage. \$35,000.

PROVIDENCE, R. I.—Jenks & Ballou, Engrs., 1035 Grosvenor Bldg., soon receive bids for building 2 story, 40 x 160 ft. brick and concrete warehouse, on Canal St., for What-Cheer-Beef Co., 356 Canal St. \$30,000.

PROVIDENCE, R. I.—Page & Page, Architects, 87 Weybosset St., soon receive bids for building 2 story, 69 x 143 ft. garage and service station, brick, on Benefit and Venckes Sts., for J. Goldman, care architects. \$50,000.

TEXAS

BEAUMONT, TEX.—Park Street Baptist Church will erect a building. R. H. Hunt & Co., Dallas, Architects. \$60,000.

DALLAS, TEX.—Perkins Dry Goods Co. have started work on their new ten-story building at Jackson and Austin Sts., to cost \$300,000. C. D. Hill & Co., Sumpter Bldg., Dallas, are the architects.

DALLAS, TEX.—Proctor & Gamble, Gwynne Bldg., Cincinnati, having plans prepared for refinery and factory. \$2,000,000.

DALLAS, TEX.—Plans are being prepared by Land & Wichtell, architects, Southwestern Life Bldg., Dallas, and Alfred Bosom, 366 Fifth Ave., New York, for the new sixteen story Magnolia Petroleum Bldg. at the intersection of Akard and Commerce Sts. The building will be about 98 x 100 ft. and will cost approximately \$1,000,000.

FORT WORTH, TEX.—J. C. Hargrave, San Antonio, and William Nelson, Fort Worth, will erect a \$800,000 family hotel, containing 250 rooms.

FORT WORTH, TEX.—A temple to cost \$100,000 will be erected by the Beth-El Congregation. It will be located at the corner of Broadway and Galveston.

FORT WORTH, TEX.—J. L. Johnson and Earle M. North of Fort Worth will erect a two-story reinforced concrete garage at the corner of 8th and Calhoun Sts. at a cost of \$40,000.

WASHINGTON

BENTON CITY, WASH.—Benton City School Dist. plans to build 2 story, concrete or brick, school. \$52,000.

PASCO, WASH.—Catholic Sisters plan to build 5 story, brick, hospital. \$80,000.

SEATTLE, WASH.—Fairmont Congregational Church will erect a new church in the Seaview-Park Addition. The building will be 87 x 60 ft. and will cost \$25,000. J. A. Creuser, Leary Bldg., Seattle, Archt.

SEATTLE, WASH.—Warren & Wetmore, New York City, will prepare plans for a fifteen story hotel. Mr. Wetmore is now in Seattle with James Wood, representing the Bowman Hotel interests of New York. \$3,000,000.

SEATTLE, WASH.—The City of Seattle voted for new school buildings. Work will proceed under the direction of F. A. Naramore, School Architect, 512 Hinkley Building, Seattle. \$4,500,000.

SPOKANE, WASH.—City plans to build 1 story, 100 x 155 ft., rein.-con. and brick, auditorium. \$160,000. F. W. Westcott, Spokane, Archt.

SPOKANE, WASH.—T. C. Powers, Helena, Mont., plans to build 7 story, 71 x 135 ft., concrete or brick, hotel, on Post St. and Trent Ave., here. \$200,000.

SPOKANE, WASH.—Spokane Drug Co., 707 Railroad Ave., plans to build 5 story, 116 x 142 ft., steel and concrete factory, on Wall and Railroad Aves. \$200,000.

SPOKANE, WASH.—Spokane Union Labor Temple Assn. recently incorporated plans to build 3 or 4 story, brick or concrete, temple. \$150,000. Address W. H. Pazen, East 108 Empire St., Archt.

TACOMA, WASH.—J. E. Bonnell, local contractor, has been awarded the contract for the erection of a twelve-story business building at 11th and Pacific Aves. for W. R. Rust. The building will cost approximately \$750,000.

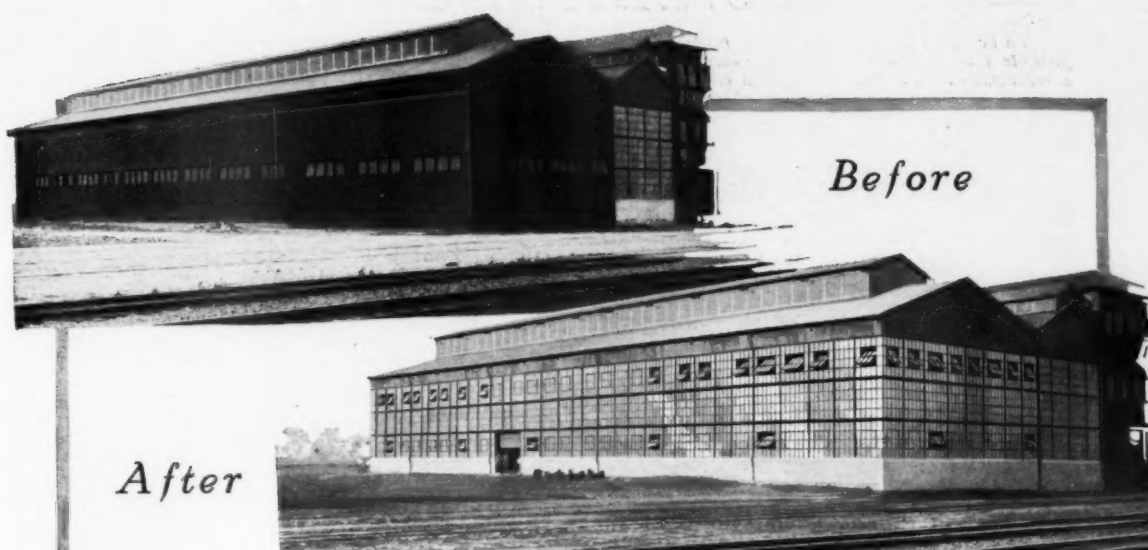
VANCOUVER, WASH.—Clarks Lumber & Mfg. Co. has acquired 8 acre site and plans to build industrial plant including 1 story, 48 x 112 ft. warehouse and 22 x 104 ft. dry kiln. \$55,000.

WENATCHEE, WASH.—Construction of a hospital is contemplated by the Wenatchee Hospital Association; two story, brick. \$75,000.

WISCONSIN

KOHLER, WIS.—Kohler Co. plans to build 2 story, 180 x 260 ft. brick, rein.-con. and steel factory. \$60,000. Brust & Philipps, Free Press Bldg., Milwaukee, Archts.

SPOONER, WIS.—J. T. Murphy, Chn. Bd. Educ., will build 2 story school, 85 x 100 ft., brick. \$75,000.



After

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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.—The voters of this city recently approved the issuance of \$4,500,000 bonds, of which \$2,000,000 will be used for grade schools, \$1,000,000 for high schools, \$500,000 for an auditorium and \$500,000 for a city hall and public library combined.

DELAWARE

LEWISTON, PA.—The office of the Supervising Architect of the Treasury Dept., J. A. Wetmore, Supervising Architect, has prepared plans for the new post office for this town. Bids will be received shortly.

WILMINGTON, DEL.—Wilmington Leather Co., Chas. F. Bichta and James Ford in charge, is having plans prepared by Archt. J. J. Kennedy, Ford Bldg., for a 4-story factory and office building, to cost \$75,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Milburn Heister Co., Archts, 718 14th St., N. W., are preparing plans for a 3-story public garage, 150 x 300 ft., to cost \$300,000.

WASHINGTON, D. C.—Archts. Murphy & Olmstead, 1413 H St., N. W., have prepared plans for a \$150,000, 3-story garage and showroom for Hill & Tibbitts, 1407 H St., N. W.

WASHINGTON, D. C.—C. W. Parks, Chief, Bureau of Yards and Docks, Washington, D. C., is receiving bids for the construction of a 1-story boat and general storage building, \$284,000.

WASHINGTON, D. C.—At the session of the directors of the National Chamber of Commerce, held in Seattle recently, announcement was made that a \$2,500,000 home for the Chamber of Commerce of the United States would be erected in Washington, D. C., the funds to be raised by geographical apportionment.

WASHINGTON, D. C.—W. S. Plager, Archt., 1930 Kearney St., is preparing plans for a 2-story brick and terra cotta fireproof moving picture theater, 45 x 135 ft., 11th St. and N. Carolina Ave., for M. F. Murphy, care Home Amusement Co., 12 and D Sts. \$60,000.

ILLINOIS

CHICAGO, ILL.—Archts. Perkins, Fellows & Hamilton, 814 Tower Court, Chicago, are preparing plans for a 2 and 3 story paint factory, about 10 buildings, for Armstrong Paint & Varnish Co., 250 S. Paulina St. Cost \$200,000.

CHICAGO, ILL.—Plans have been completed by Archts. F. M. Martin & Co., 304 S. Wabash Ave., for a 5-story and basement factory, warehouse and office building for Adams & Elting, Wm. P. Adams, Pres., 716 W. Washington St. \$100,000.

CHICAGO, ILL.—Feleclian Sisters, 37th Pl. and Paulina Ave., will erect a 2-story and basement convent, 36 x 90 ft., at 37th and Paulina Sts. Archt. J. S. Flytkowski, 4848 Barry Ave. \$24,000.

CHICAGO, ILL.—H. L. Newhouse, Archt., 4630 Prairie Ave., is receiving bids on a 1-story and basement theater and store building to be located by Ascher Bros., Nathan Ascher, Pres., 1030 Consumers Bldg.

ELGIN, ILL.—State Archt. S. D. Martin, Capital Bldg., Springfield, Ill., is preparing plans for the Elgin State Hospital to cost \$150,000.

ROCKFORD, ILL.—First Baptist Congregation, Church and Mulberry Sts., will erect a 1 and 2 story brick and concrete church on Court and Palm Sts. S. M. Seaton, Archt., 35 N. Dearborn St., Chicago. Cost about \$60,000.

INDIANA

GARY, IND.—James E. Umpleby, 540 Broadway, Gary, will erect an apartment and store building, 3 stories and basement, 50 x 100, at 5th and Buchanan Sts. L. H. Warriner, 673 Broadway, Archt. \$60,000.

CROWN POINT, IND.—Plans are nearing completion for a tuberculosis hospital group to cost \$250,000. Owner, Lake County, G. M. Foland, auditor, Court house, Crown Point. Archt., J. N. Coleman, 3751 St. Lawrence Ave., Chicago, Ill.

PETERSBURG, IND.—A great building boom is underway here. Besides a large garage and a modern playhouse, already well underway, there is a hospital to be erected by the Pike County Coal Co., very soon, and a

large concrete warehouse for the same company. The county has ordered the erection of a \$250,000 courthouse and a \$40,000 Memorial Hall. The Pike County Coal Co. is also having plans prepared for 100 working-men's homes.

WINONA LAKE, IND.—An auditorium with a seating capacity of 7000 is to be erected at Winona Lake within the next year, according to plans of the Winona Assembly management. The estimated cost is \$100,000. It will be patterned after the Mormon Tabernacle at Salt Lake City, Utah. The Church of the Brethren, which holds its national meeting at Winona Lake every third year, is furthering the building plan.

IOWA

CARSON, IOWA.—Board of Education, Carson, is revising plans for new schoolhouse, 2-story and basement, to cost \$60,000. Archt. J. H. Craddock Co., 504 Farnam Bldg., Omaha, Neb.

DAVENPORT, IOWA.—Erection of a factory building, four stories high, 75 x 150 ft., is planned by the Voss Bros. Mfg. Co., to add join their present plant at 1353-1367 West Second St. The building will be of brick and steel according to present plans. The head of the concern is William H. Voss.

DES MOINES, IOWA.—A \$250,000 plant will be erected at once by the Fairlawn Milk Products Co. The building will be in two sections, one four stories and the other five stories in height. Lawrence Henderson, H. C. Fry and Carl Nolle are officers of the company.

DES MOINES, IOWA.—Four new Methodist churches in Des Moines were decided upon by Methodists at a recent conference. One of the buildings will include a mission building. The costs will range from \$12,000 to \$100,000, with a total of \$152,000.

SIOUX CITY, IOWA.—Erection of a \$500,000 Labor Temple is contemplated by the Trades and Labor Assembly. G. W. Gibbs is chairman of the committee investigating the subject and suitable sites for the building.

KANSAS

ATCHISON, KAN.—Atchison County, care Leo Nushbaum, Chairman, building committee, will build a 1-story, 100 x 120, brick and stone memorial building, 100 x 120 ft. Rudolph Meier, Archt., Lincoln Bldg., St. Joseph, Mo. \$185,000.

LYNDON, KAN.—Osage County, E. W. Tucker, Clerk, will build a 3-story brick and stone courthouse and jail. Archt. W. E. Hulse & Co., Hutchinson, Kan. \$180,000.

MINNEAPOLIS, KAN.—Ottawa County, C. C. Davis, Clerk, Minneapolis, will erect a 1-story and basement Soldiers' Memorial Building. Owen & Payson, 202 Reliance Bldg., Kansas City, Archts. \$20,000.

WICHITA, KAN.—State Savings & Mercantile Bank, Wichita, is having plans prepared by Archts. Childs & Smith, 122 S. Michigan Ave., Chicago, for a 2-story, brick and stone and terra cotta bank, 55 x 140 ft. \$150,000.

KENTUCKY

LOUISVILLE, KY.—Masonic Temple Ass'n. C. D. Knowlton, Chairman, Building Committee, 2d National Bank Bldg., Pearl and Main Sts., New Albany, Ky., will erect a new Masonic Temple to contain two lodge rooms, assembly room, stage and kitchen. Arthur R. Smith, Realty Bldg., Louisville, Archt. \$60,000.

LOUISIANA

LAKE CHARLES, LA.—City Council has set aside \$200,699 to be used in building colored schools to replace those destroyed by storm last year.

NEW ORLEANS, LA.—The Grand Lodge, No. 21 of the Grand United Order of Odd Fellows, Harry Andrews, district grand secretary, has voted to erect a \$30,000 building.

NEW ORLEANS, LA.—Several Catholic Societies of New Orleans, including the Knights of Columbus and the Marquette Circle, have pledged their support to the Woman's Catholic Club in raising the sum of \$200,000 for the purpose of building a new clubhouse.

NEW ORLEANS, LA.—Involving the expenditure of \$1,725,000, the Interstate Electric Co. plans the erection of three buildings in different sections of the city, according to an announcement made by Pres. Percival

Stern. One of the buildings, ten stories high, it was announced, will be used as an office building. Another will have fifteen stories and the third will be a three-story service building.

NEW ORLEANS, LA.—All preliminary details having been arranged for, work on the construction of a new building for the Southern Yacht Club will begin about Oct. 15, according to an announcement of Com. Percy S. Benedict, made last week. The building, with the breakwater, fixtures, equipment and regatta pavilion, will cost about \$750,000.

MARYLAND

BALTIMORE, MD.—L. Sterling Wagner, Archt., 4 E. Rodwood St., Baltimore, is preparing preliminary plans for a 4-story, 30 suite, apartment building. \$45,000.

HAGERSTOWN, MD.—Plans have been drawn by Archt. A. J. Klinkart, 54 W. Washington St., for a 1 and 2-story public garage, 82 x 40 ft. Lewis Megus, 331 W. Washington St., owner. \$40,000.

MASSACHUSETTS

HOLYOKE, MASS.—An up-to-date theater, seating 2420 people, which can stage vaudeville, moving pictures, a stock company or legitimate plays, is to be erected by the Victory Theater Co., of which Nathan Goldstein of Springfield, Mass., is president. This company has purchased the lot at the corner of Suffolk and Chestnut Sts. and will erect a \$350,000 playhouse from the plans of Moull & Rand, Unity Bldg., Boston, Mass. The building will also include a number of stores.

WORCESTER, MASS.—The Worcester Housing Corp. has been given a permit to build thirty houses. The corporation has already started work on twenty-six houses.

WORCESTER, MASS.—The First Swedish Baptist Church purchased a lot of 75,000 on Sunderland St., where a chapel will be erected.

WORCESTER, MASS.—The Worcester Cold Storage Co. contemplates the erection of an 8-story, 47 x 83 ft., factory. Archts., Cutting, Carleyon & Cutting, 44 Front St. \$200,000.

MICHIGAN

ANN ARBOR, MICH.—University of Michigan, Shirley W. Smith, Secy., proposes a 6-story hospital to cost \$1,000,000. Exterior will be built at once. Interior will await further appropriation. Albert Kahn, Ernest Wilby, Marquette Bldg., Detroit, Associate Archts.

BAY CITY, MICH.—Board of Education, E. A. Gause, Supt., will erect a new \$620,000 central high school from plans of Perkins, Fellows & Hamilton, Archts., 814 Tower Court, Chicago. Pratt, Becker & Campbell, Assoc. Archts., Crapo Bldg., Bay City.

DETROIT, MICH.—Plans are being prepared by Archt. I. M. Lewis, 503 Congress Bldg., for a 43-family apartment building 3 story, 50 x 197 ft. Owner, Hamburger Bros., 535 Dime Bank Bldg., Detroit. \$75,000.

DETROIT, MICH.—Archt. S. E. Ramey, 503 Old Whitney Bldg., is taking bids for a \$100,000 4-story hotel to be built by Jacob Newman, 559 Beaubien St.

DETROIT, MICH.—Harper Hospital, Stewart Hamilton, M.D., Supt., will erect a \$300,000 nurses' home, 6 story, 114 x 144 ft. Albert Kahn, 1000 Marquette Bldg., Archt.

MINNESOTA

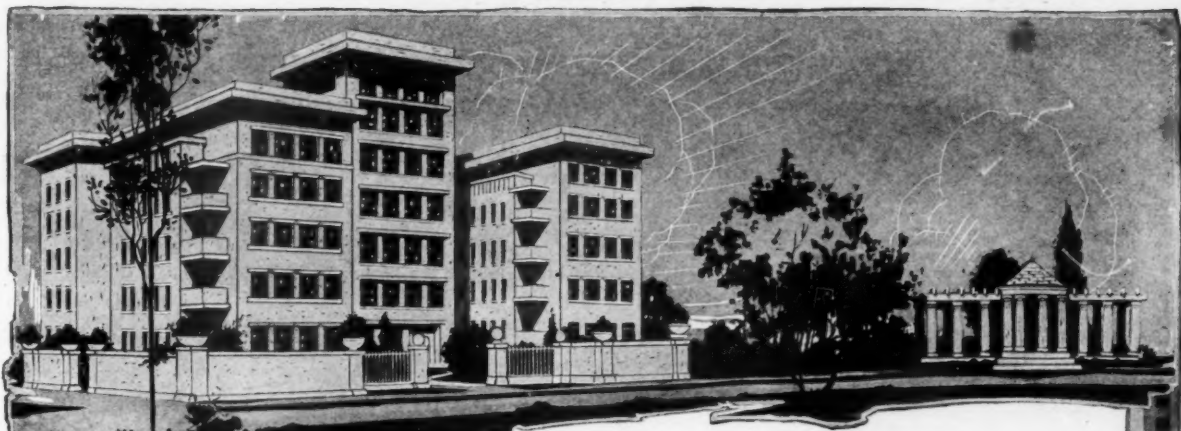
FERGUS FALLS, MINN.—Otter County, Wm. Lincoln, Auditor, has selected Archts. O. Buecher & Orth, 400 Shubert Bldg., St. Paul, Minn., to prepare plans for a \$400,000 brick and concrete courthouse and jail.

ST. PAUL, MINN.—Thompson Yards, Inc., Geo. P. Thompson, Pres., 1641 Hennepin Ave., Minneapolis, Minn., contemplates building a \$100,000 office building, warehouse and lumber yard at University, Emerald, Myrtle and Wabash Sts.

MISSOURI

CLYDE, MO.—Archt. Ludwigart of Moberly, Mo., is taking bids for a 2-story brick and stone school, 50 x 75 ft. Board of Education, care R. F. Mergen, Clyde, owner. \$30,000.

KANSAS CITY, MO.—Federal Reserve Bank of Kansas City, J. L. Miller, Governor, K. C., is revising plans for a 16-story bank building, 145 x 115 ft., of stone, terra cotta and



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CHICAGO, ILL.

steel. Graham, Anderson, Probst & White, 80 E. Jackson Blvd., Chicago, Archts. \$3,000,000.

MARSHALL, Mo.—Fitzgibbons Memorial Hospital Association, care W. C. Gordon, Marshall, will build a 5-story and basement hospital. Farrar, Wiser & Shepard, 1202 R. A. Long Bldg., Kansas City, Mo., Archts. \$50,000.

UNIVERSITY CITY, Mo.—Board of Education, University City, has had plans prepared by Wm. B. Stiner, Archt., for the St. Louis Board of Education, for a 2-story and basement grade school. \$100,000.

NEBRASKA

OMAHA, NEB.—Geo. W. Stiles Const. Co. of Chicago and Omaha have been awarded the contract for the new Skinner Produce Building at Twelfth and Douglas Sts., to cost \$500,000. The building will be 9 stories high, 132 x 99 ft.

OMAHA, NEB.—Harry M. Christie, 1320 Farnam St., is having plans drawn for a 6-story and basement apartment building for 35th St. and Dewey Ave. Concrete, brick and stone. \$200,000.

OMAHA, NEB.—Stein Biscuit Co., 1202 Capital Avenue, has had plans prepared by Archts. John and Alan McDonald, 908 Omaha National Bank Bldg., for a 7-story addition to their biscuit factory.

NEW JERSEY

ATLANTIC CITY, N. J.—A seventeen-floor addition, which will contain 400 rooms, will be built on the Hotel Ambassador this fall. It will contain a convention hall and swimming pool.

SOMER'S POINT, N. J.—Local Lodge No. 845 proposes an addition to their home here. It will be 3 stories high and will have a restaurant, bathrooms, shower rooms, assembly hall with stage and many other attractive conveniences.

TRENTON, N. J.—Essenwein & Johnson, 871 Ellicott Sq., Buffalo, and J. Osborne Hunt and W. A. Klemann, First National Bank Bldg., Trenton, have drawn plans for a 12-story brick and steel hotel for W. State and Willow Sts. Owner, Stacey Trent Hotel, J. G. Stone, Director, 219 W. State St. Plans and specifications can be obtained from J. Osborne Hunt, Associate Architect, 114 Montgomery St., Trenton. \$1,000,000.

TRENTON, N. J.—Archt. Geo. E. Savage, Witherspoon Bldg., Philadelphia, is working on plans for a 1 and 3-story church and Sunday school, 52 x 115 ft., for St. Paul's M. E. Church, Elmer E. Sutphin, Pastor, Spring St., Trenton, N. J. \$60,000. Stone.

WRIGHTSTOWN, N. J.—The Wrightstown National Bank has decided to erect a new bank building on the site of their old building, which was destroyed by fire. The new building will be modern in every respect.

NEW YORK

BROOKLYN, N. Y.—Plans have been prepared for a seven-story brick storage building, 44 x 103 ft., for the Rockwood Co., cocoa manufacturers, 88 Washington Ave., Brooklyn, to cost \$100,000, on Waverly Ave., north of Park Ave.

BROOKLYN, N. Y.—Beverly Improvement Co. will erect 11 two-story brick two family dwellings, 20 x 66 ft., to cost \$99,000, on Beverly Rd., at Lott St.

BROOKLYN, N. Y.—The Congregation Gefeuth Israel, 208 Prospect Park West, will make extensive alterations to the exterior of their synagogue, at a cost of \$50,000. Shampian & Shampian, 772 Broadway, Brooklyn, are the architects.

BROOKLYN, N. Y.—Louis Allmendinger, Archt., 20 Palmetto St., Brooklyn, has filed plans for a 2-story brick garage and boating house, 75 x 100 ft., for Kersch & Heifel, Inc., 244 Scholes St., Brooklyn. \$25,000.

BROOKLYN, N. Y.—The G. K. Building Corp., 1546 President St., Brooklyn, has had plans prepared by Shampian & Shampian, Archts., 772 Broadway, Brooklyn, for a 4-story brick tenement house, to accommodate 19 families, 60 x 58.9 ft. \$70,000.

BROOKLYN, N. Y.—M. Hartman, 361 Stone Ave., will erect four 2-story brick dwellings on Wyona St., north of Riverdale Ave. Cohn Bros., 363 Stone Ave., Archts. \$40,000.

BROOKLYN, N. Y.—S. Halpern, 363 Hindsdale St., will erect seven 2-story brick dwellings on Barrett St., north of Dumont Ave., 20 x 56 ft. each. Cohn Bros., 363 Stone Ave., Archts. \$70,000.

BROOKLYN, N. Y.—A 4-story brick apartment, 60 x 80.9 ft., will be erected on Eastern Parkway, west of Franklin Ave., by G. G. Building Corp., 1546 President St., Archts., Shampian & Shampian, 772 Broadway, Brooklyn, N. Y. \$80,000.

HUDSON FALLS, N. Y.—Archt. J. Harold Mac Dowell, Insurance Bldg., Glens Falls, N. Y., is preparing plans for a village hall and memorial building for the village of Hudson Falls. Geo. S. Whitman, Pres.

LONG ISLAND CITY, N. Y.—Academy Astoria Corp., 656 Vernon Ave., Long Island City, J. J. O'Brien, Pres., will erect a four-story brick tenement, 50 x 90 ft., to accommodate 20 families, at a cost of \$45,000. The building will be erected on Academy St., west of Washington Ave.

LONG ISLAND CITY, N. Y.—The Transport Service Corp., Harris Ave., Long Island City, will erect a three-story brick garage, 75 x 90 ft., on Sherman St., north of Harris Ave., Long Island City, to cost \$135,000.

MT. VERNON, N. Y.—The Mt. Vernon Y. M. C. A., W. P. Uhler, Pres., 1 No. 5th Ave., Mt. Vernon, will erect a 3-story Y. M. C. A. building, 100 x 105 ft. L. W. Eisenberger, Archt., 52 Vanderbilt Ave., New York City. \$250,000.

NEW YORK, N. Y.—Plans have been filed by Archts. Pickeny & Jeppesen, 103 Park Ave., for a 20-story building to be erected at No. 342 Madison Ave. to house church offices and stores. It will cost \$3,000,000. The owners are the Fifth Church of Christ Scientist, Aeolian Bldg., 29 West 42d St.; Mrs. Jesse G. Frost, Chairman, Rita-Carlton Apts.

NEW YORK, N. Y.—A 5-story brick apartment will be erected at 179 St. and Daly Ave. by Albert H. Hecht, 2008 Daly Ave., who is also the builder. Chas. Schaefer, Jr., 2859 3rd Ave. is the architect; 116 x 82 ft. \$90,000.

NEW YORK, N. Y.—Chas. Kreymborg, 369 East 163d St., is architect for a 6-story brick apartment building to be erected at the corner of 149th St. and Union Ave. by Maurice Miller, 935 Intervale Ave. Cost \$135,000.

NEW YORK, N. Y.—Archts. Starrett & Van Vleck, 8 West 40th St., are preparing plans for a 12-story fireproof, brick and limestone store and loft building at the southeast corner of 4th Ave. and 12th St. for the International Tailoring Co., 845 W. Jackson Blvd., Chicago. \$700,000.

NEW YORK, N. Y.—The United Odd Fellows' Home, Havemeyer Ave. at Blackrock Ave., will be enlarged by the addition of two 3-story brick extensions. Robt. D. Cohn, 56 West 45th St., Archt. \$125,000.

NEW YORK, N. Y.—The National Biscuit Co., 409 West 15th St., has had plans filed by Archt. A. C. Zimmerman, 85 Ninth Ave., and will erect a 2-story bakery, 161 x 124 ft., at 469 Bethune St. \$125,000.

NEW YORK, N. Y.—A 9-story high class apartment house will be erected at 246-250 West 71st St. by the 225 West 71st St. Corp. G. Ajello, 1 West 34th St., is the architect. The building will be 66.8 x 82.10 ft. and will cost \$400,000.

NEW YORK, N. Y.—P. J. Murray, Archt., 141 East 40th St., New York City, has prepared plans for a 100 x 100.5 ft. four-story Service Station to be built at 229-235 West 60th St. for D. Golden, 150 Broadway, New York City, at a cost of \$80,000.

NEW YORK, N. Y.—A six-story cold storage house, 30 x 150 ft., will be built at 780 1st Ave. by the United Dressed Beef Co., 780 1st Ave. Cost \$250,000. Archt., A. E. Bumpass.

NEW YORK, N. Y.—Another of the numerous apartments that are expected to help relieve the housing situation in the Bronx is a 6-story apartment to be built at 161st St. and Melrose Ave. by Richard Raucher, 160th St. and Melrose Ave. The new building will be 46 x 57.3 ft., built of brick, and will have stores on the first story. Chas. Schaefer, Jr., 2833 Third Ave., is the architect. \$45,000.

NEW YORK, N. Y.—Kenneth M. Murchison, Archt., 101 Park Ave., has filed plans with the building department for the alteration of the 6-story private dwelling at 131 East 64th St., owned by Mrs. J. N. Hill, 555 Park Ave. \$40,000.

PIERREPONT MANOR, N. Y.—Northern New York Milk Co., Herman C. Lang, Pres., 100 Hudson St., New York City, is having plans prepared for a 3-story concrete and glazed tile milk plant, 60 x 200 ft. \$200,000.

RANSOMVILLE, N. Y.—Simon Larke, Archt., 719 Main St., Niagara Falls, is drawing plans for the new Baptist Church for Ransomville, to cost \$100,000.

ROCHESTER, N. Y.—St. Mary's Hospital, Sister St. Joseph, Rochester, will erect a \$1,000,000 addition, 3 stories and basement. F. H. Ellerte, Archt., Endicott Bldg., St. Paul, Minn.

ROCHESTER, N. Y.—Archt. S. Firestone, 1005 Granite Bldg., is drawing plans for a \$150,000 factory for Levy Bros., Kolt Bldg., St. Paul St.

SYRACUSE, N. Y.—A new building will be erected soon by the Dyneto Electric Corp. The plans call for a one-story structure of brick and glass, 70 x 200 ft. It will have a saw-tooth roof.

UTICA, N. Y.—Eureka Mower Co., E. L. Newcomer, Mgr., contemplates a 2-story addition to their factory, 61 x 129 ft. Happ & Down, builders, 1022 Seymour Ave. \$40,000.

OHIO

AKRON, OHIO.—A \$20,000 2-story and basement theater of brick, tile and reinforced concrete, will be erected by Sam Budweiser, 483 Brown St. M. C. Peck, Archt.

AKRON, OHIO.—The Northern Ohio Baking Co., E. Exchange St. E. B. Wadley, Mgr., has purchased a site at Canal St. and Buchtel Ave., on which they will erect a \$35,000 modern baking plant, 40 x 170 ft.

AKRON, OHIO.—Archts. Wardner & Teschl, Everett Bldg., are working on plans for a \$200,000 clubhouse for the Meadowbrook Country Club.

AKRON, OHIO.—Herman Hoffman Co. has commissioned Swirsky & Miller, Archts., to draw plans for a store and apartment building at E. Market and Canal Sts.

AKRON, OHIO.—A. E. Huston will build stores and apartments at Cuyahoga Falls and Rittman Ave., to cost \$75,000. Archts., Wardner & Teschl, Everett Bldg.

AKRON, OHIO.—City of Akron, I. S. Myers, is buying a site on which to erect a \$250,000 market building.

CLEVELAND, OHIO.—C. A. Ford, Paco Bldg., W. Superior, will erect a 3-story high class apartment building, 110 x 239 ft., to cost \$84,000. S. W. Wallace, Contractors, 2845 Avondale St.

CLEVELAND HEIGHTS, OHIO.—The Village of Cleveland Heights proposes to erect a municipal building at Ridgewood and Mayfield Rd. Archt. C. F. Schweinfurth, Guardian Bldg., is preparing preliminary plans.

CLEVELAND, OHIO.—Zenith Tire & Rubber Co. will erect a \$1,000,000 brick, steel and concrete factory, office and power house, 100 x 400 ft., on Euclid Ave. and Willoughby. Archt. Alfred W. Harris, 9797 Newton Ave.

CLEVELAND, OHIO.—L. Israel and J. MacKoff, 3833 Woodland Ave., will erect a 3-story fireproof brick and steel building to house a theater, stores and apartment. \$175,000.

CLEVELAND, OHIO.—The Schwartz Forney Heater Co., 1180 W. 6th St., has applied for a permit to build a 5-story, reinforced concrete factory at Superior and E. 30th Sts., 178 x 107 ft. Cost \$200,000. Archts. Christian Schwartzberg & Garde, 1900 Euclid Ave.

CLEVELAND, OHIO.—Smith & Oteg Co., Walter Klien, Pres., 2035 E. 18th St., contemplate the erection of a 2-story brick store and light manufacturing building on Carnegie Ave., to cost \$40,000.

CLEVELAND, OHIO.—Western Electric Co., A. M. Collins, Mgr., 413 Huron Rd., contemplates the erection of a \$125,000 warehouse and office building. Preliminary plans are being drawn.

CLEVELAND, OHIO.—Cowell & Hubbard Co., Garfield Bldg., will erect a 2-story steel and concrete commercial building, 80 x 185 ft., to cost \$175,000. Walker & Weeks, 1000 Euclid Ave., Archts.

CLEVELAND, OHIO.—J. S. Van DeKoe, 17902 Nottingham, proposes to erect a 2-story, \$20,000, brick and tile residence at 2644 Fairmont Blvd., Cleveland Heights. Harry L. Shupe, 611 Marshall Bldg., is the architect.

COLUMBUS, OHIO.—Richards, McCarty & Bulford, 584 Broad St., Columbus, are the architects for the 6-story and basement \$100,000 shoe factory for the O & E Shoe Co., C. Edward Horn, Pres. and Manager, Lazelle and Noble Sts., Columbus.

DAYTON, OHIO.—Announcement has been made by the National Cash Register Co. that a large new factory will be erected on the site of one of their present buildings. The new building will be five stories high, with a basement, of concrete, steel and brick, 60 x 500 ft.

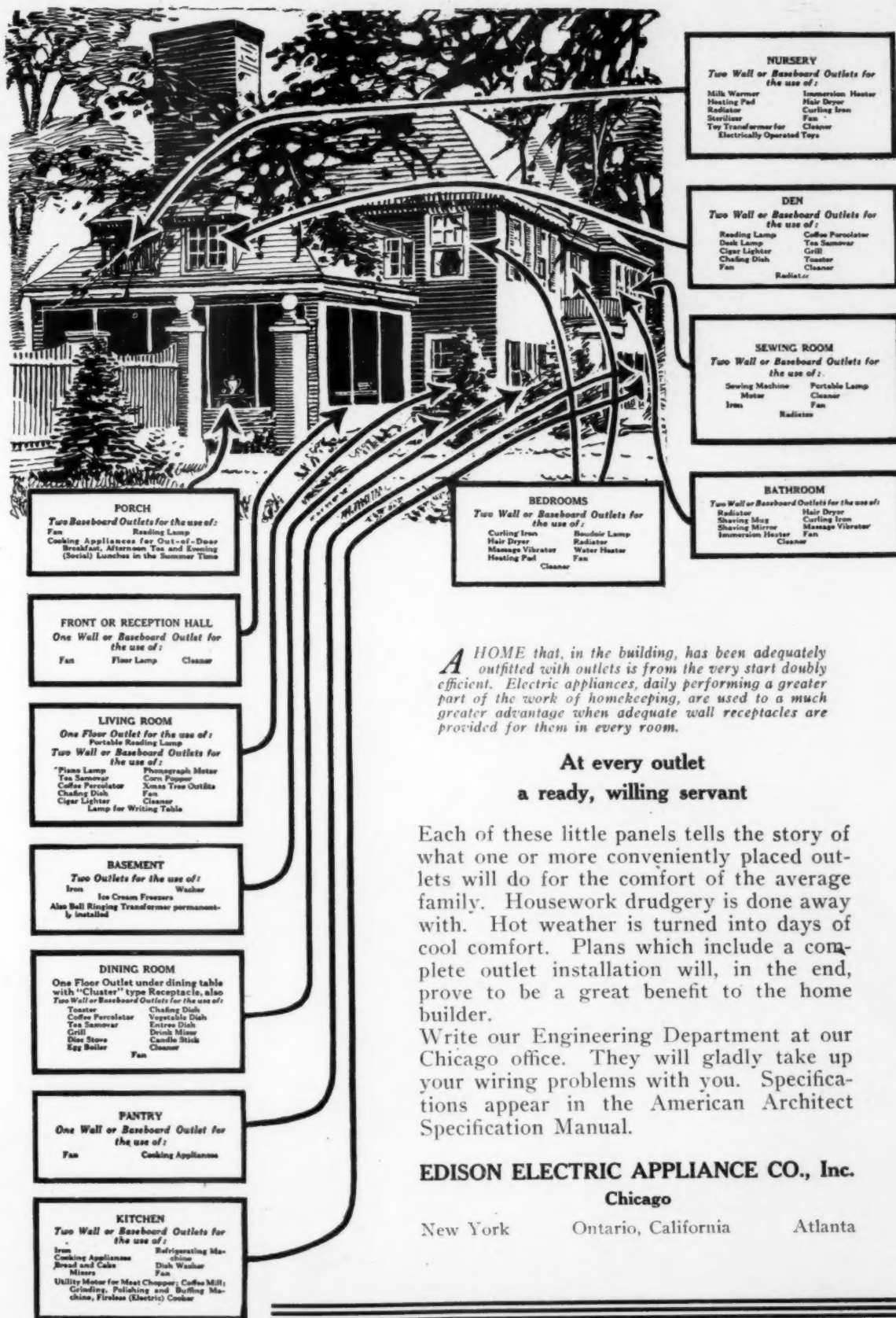
ERIE, OHIO.—Plans will be ready about Sept. 1st for bidding on a smoke house and can loading plant for Schaffner Bros., 641 E. 15th St., Erie, Pa. Architect and engineer, Garner & Lindberg, 140 S. Dearborn St., Chicago. \$90,000.

FREMONT, OHIO.—Col. Webb C. Hayes has contributed money for doubling the floor space of the Hayes Memorial and Archeological Museum and Memorial Hospital.

IRONTON, OHIO.—William Ball, Norfolk & Western ticket agent, has secured from the Detroit, Toledo & Ironton R.R. a lease on the lot in the rear of a store at Front and Center Sts., and will erect thereon a building for business purposes.

KENT, OHIO.—Kent Hotel Co., 144 S. Water St., Mr. Mason, Pres., have raised \$150,000 and will erect a hotel.

LIMA, OHIO.—Archts. McLaughlin & Hulsken, Savings Bldg., announce the following plans in progress: New high school at Napoleon, \$300,000; high school at Tiffin Township, Defiance County, \$100,000; high school, Bucyrus, \$500,000. The following plans will be ready in from six weeks to four months: West Liberty High School, \$100,000; Holgate High School, \$95,000; Woodville school, \$175,000; school in Jackson township, Sandusky County, \$150,000.



A HOME that, in the building, has been adequately outfitted with outlets is from the very start doubly efficient. Electric appliances, daily performing a greater part of the work of housekeeping, are used to a much greater advantage when adequate wall receptacles are provided for them in every room.

At every outlet a ready, willing servant

Each of these little panels tells the story of what one or more conveniently placed outlets will do for the comfort of the average family. Housework drudgery is done away with. Hot weather is turned into days of cool comfort. Plans which include a complete outlet installation will, in the end, prove to be a great benefit to the home builder.

Write our Engineering Department at our Chicago office. They will gladly take up your wiring problems with you. Specifications appear in the American Architect Specification Manual.

EDISON ELECTRIC APPLIANCE CO., Inc.

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LIMA, OHIO.—Archts. McLaughlin & Hulsken, Savings Bldg., are completing plans for the new Elks Lodge at Lancaster. \$150,000.

LIMA, OHIO.—Le Grand Parish of New York, president of the Lima Locomotive Works, announces that \$1,250,000 will be expended in the near future to increase the capacity of the plant 50 per cent. Similar additions will be made to the Ohio Steel Foundry Co. plants at Lima, Bucyrus and Springfield.

MASSILLON, OHIO.—C. L. McLain Co., wholesale grocers, S. Erie St., have taken a lease with the State of Ohio on the canal, and will erect a 4-story building, 65 x 112 ft., as a refrigerator and cold storage plant. Plans are now being drawn.

MECHANICSBURG, OHIO.—Board of Education will revise plans for school building, cost not to exceed \$75,000. Archt. Robt. C. Gotwold, Springfield, Ohio.

NILES, OHIO.—Board of Education has plans started for new junior high school and additions to several grade schools.

NORWALK, OHIO.—English Lutheran Church is raising \$40,000 for church at E. Main and Milan Aves. W. D. Lang, Jacob Schwan and C. W. Heyman, committee.

SPRINGFIELD, OHIO.—Wm. Bayley Co., W. North St., will erect a 2-story brick and concrete building, 65 x 120 ft. \$100,000.

TIFFIN, OHIO.—Thompson Township recently voted \$75,000 for a new school.

TOLEDO, OHIO.—Preliminary plans have been completed for a \$300,000 theater on the site of the old Arcade Theater, St. Clair and Jackson Sts., for the Sun and James Amusement Co. of New York; 90 x 170, brick, steel and terra cotta.

TOLEDO, OHIO.—The Guardian Savings Bank & Trust Co. plans erecting a new building at Madison Ave. and Huron St.

TOLEDO, OHIO.—Ohio Dairy Co., David Yoder, Pres., 533 Erie St., Toledo, will erect a 2 and 3-story brick dairy building to cost \$40,000. The De Vere Co., Archts., 908 Nichols Bldg., Toledo.

TOLEDO, OHIO.—Stockholders approved \$500,000 plant for Refrigerating Engineering Co., 301 Nasby Bldg., H. H. Zimmerman, Sec'y and Treas.

URICHVILLE, OHIO.—The Twin City Wholesale Grocery Co. will erect a 3-story building, 60 x 150, at the corner of 4th and Main Sts.

XENIA, OHIO.—Archts. Smith & Smith, Dayton, have completed plans for two additions to the Eagle Lodge Bldg., West Main St. One story added to entire building and two-story addition in rear.

ZANESVILLE, OHIO.—State Security Bank, W. M. Barnett, Pres., will erect a new building on Main St.

ZANESVILLE, OHIO.—St. Thomas R. C. Church, Rev. F. L. Kerner, Pastor, announces a new rectory to cost \$50,000 and a school \$75,000.

OKLAHOMA

TULSA, OKLA.—First Church of Christ Scientist will build a 2-story stone, brick and terra cotta church on 11th and Robinson. Archt. Courtland L. Butler, 403 First National Bank. \$100,000.

OREGON

SALEM, ORE.—Plans are being prepared by Geo. O. Legg, Archt., Salem, for the Lausanne Hall, to be built at the Willamette University, Salem. The building is to be used as a women's dormitory and will have a reception room, parlors, showers and bathtubs, and many other up-to-date improvements.

PENNSYLVANIA

BETHLEHEM, PA.—Bethlehem School Dist. Harry W. Lewis, Pres., is receiving bids for a 2-story and basement grade school to cost \$200,000. V. T. Ritter, Archt., North American Bldg., Philadelphia.

FARRELL, PA.—The city will erect a one-story, 70 x 75 ft., fire engine house and memorial building at a cost of \$75,000. Plans are being prepared by Ullom & Seely Archts., 209 Horton and Hamilton Bldg.

HANOVER, PA.—Marion Molou, chairman of the building committee of the Hanover Y. M. C. A., is receiving bids for the new \$50,000 Y. M. C. A. building to be erected on York St. Chas. M. Anderson, 324 N. Charles St., Baltimore, Md., Archt.

HARRISBURG, PENN.—Archt. Frank G. Fahnestock, Jr., Patriot Bldg., is making preliminary plans for a synagogue for the Ober Shalom Congregation. Henry C. Claster, Chairman, building committee, 302 Market St. \$60,000.

PHILADELPHIA, PA.—Herman Miller, Archt., Georger Bldg., Philadelphia, has drawn plans for a 1-story, 16 x 75 ft., bank building for the People's National Bank, W. H. Nell in charge, 23 E. King St. \$100,000.

PITTSBURGH, PA.—Bids for the high school, parish hall gymnasium, to be built by the members of St. John's R. C. Church, and to

cost approximately \$250,000, were opened recently by the pastor, Rev. J. J. Cosoner, John J. Howley, Archt., Traders' Bank Bldg., Scranton, designed the building, which will be 2 stories high. The gymnasium will be located in the basement. There will also be a swimming pool and a garage in the building. It will be fireproof, of brick, steel and concrete.

RHODE ISLAND

LONSDALE, R. I.—A memorial grammar and primary school was voted by the taxpayers of this town, to cost \$60,000. Judge Frank E. Fitzsimmons was appointed chairman of the committee to superintend the construction of the schoolhouse.

PROVIDENCE, R. I.—Bids will soon be opened for putting in foundations for a new five-story building for the Rhode Island Hospital. Kendall, Taylor & Co., 95 Federal St., Boston, Mass., are the architects. The building will be constructed of brick and stone and will cost somewhat over \$200,000.

TEXAS

BRECKENRIDGE, TEX.—Paul A. Moss and A. M. Barte of Lake Charles, La., are completing the organization of a \$100,000 corporation for the purpose of installing in Breckenridge a modern ice plant.

DALLAS, TEX.—Bids for the construction of a 5000 barrel oil refinery in West Dallas have been asked for by the Republic Oil & Refining Co. of Dallas, J. A. Jones, Jr., Pres.

DALLAS, TEX.—Plans for the new First Methodist Church, which will be located on the property at the corner of Ross Ave. and Harwood St., are now being prepared and work on the building is expected to start this fall. Two buildings will be erected. One will be used for the church and auditorium proper, and the other for Sunday School rooms and institutional purposes. Designs for a swimming pool are being considered. The entire structure is estimated to cost \$500,000.

DALLAS, TEX.—A permit has been granted by the city to the Dallas Downtown Development Co. for the erection of the \$700,000 Dallas County State Bank Bldg. at the southwest corner of Main and Lamar Sts. The Gibsonite Contracting Co. are the general contractors.

ENNIS, TEX.—The Tabernacle Baptist Church here is planning to begin soon the erection of a new church building to cost \$50,000 to \$75,000. A building committee is now considering plans.

FORT WORTH, TEX.—Monran, Russell & Crowell, Archts., Chemical Bldg., St. Louis, Sengmatt & Straats, Fort Worth, Associate architects, are preparing plans for a 14-story, 420-room, brick fireproof hotel. \$750,000.

FORT WORTH, TEX.—If present plans are carried out an armory of the first class will be constructed as the Tarrant County war memorial. The building will cost about \$300,000. Former State Senator W. A. Hanger is chairman of the board in charge of the project.

FORT WORTH, TEX.—Archt. William Nelson and J. O. Hargrave of San Antonio have acquired a tract of land in the new Hawes Heights section and will erect a family hotel of 200 rooms, costing approximately \$800,000 to build and equip. It will have, besides all modern family hotel conveniences, the most up-to-date outdoor amusement courts.

RANGER, TEX.—Ranger Ice Co. will erect a building with a capacity of 100 tons a day, an aerated water department and a large cold storage plant, to cost between \$50,000 and \$90,000. This company recently erected a building of similar size.

RANGER, TEX.—Archts. Beshgetorian & Cotell of this city are drawing plans for a 2-story office and department store to be erected by L. C. Moore and C. E. James. The building will be of brick with modern front, and offices will be in suites and furnished with every modern convenience. The structure will be 40 x 90 ft. and will cost approximately \$50,000.

STEPHENVILLE, TEX.—The First Baptist Church of this city has voted to build a \$75,000 church. The building committee will be appointed very shortly and it is planned to start work on the new building as soon as possible.

WYLLIE, COLLIN CO., TEX.—Wyllie Independent School District voted an additional \$15,000 bonds for the purpose of repairing old buildings and building other school-rooms.

UTAH

SALT LAKE CITY, UTAH.—Plans for the erection of a Latter Day Saints Chapel in the newly organized Wells ward have been completed and \$5,000 of the proposed \$40,000 have already been pledged by members of the ward, according to an announcement of the finance committee made public by F. D. Higginbotham. Rutherford & Ashton, McIntyre Bldg., are the architects.

VIRGINIA

FRANKLIN, VA.—The Vaughn Co. of Franklin, Va., has had plans prepared by Archts. A. E. Mitchell & Co., Ltd., Flatiron Bldg., Norfolk, for a \$40,000 2-story marble bank building, 70 x 75 ft.

RICHMOND, VA.—A permit has been issued to Max E. Ruehrmund to build a four-story apartment house on the west side of 3d St. between Main and Franklin Sts., to cost \$65,000.

RIXLEY STA., VA.—Admiral O. M. Rixley of this place will build a 2-story and attic residence from plans by Archts. Frank Upman and Percy Adams, Woodward Bldg., Washington, D. C. \$50,000.

WASHINGTON

BREMERTON, WASH.—Joseph H. Wohlet, Olympia, Archt., has been awarded the commission to prepare plans for the new \$100,000 Elks' Home to be erected at once by the Bremerton Elks' Lodge.

SEATTLE, WASH.—Plans of Chief Engineer A. F. Nicholson for the construction of the superstructure of the eastern half of Pier B in the Smith Cove improvement were approved yesterday by the Port of Seattle Commission. The warehouse will be the longest of the port properties, being 1000 x 120 ft in dimension, of heavy timber construction and is estimated to cost \$500,000. The building will be two stories high throughout, with three interior fire walls. The exterior will be faced with heavy corrugated iron.

SEATTLE, WASH.—Plans are being prepared by Archt. J. A. Creutzler, Leary Bldg., for the First Presbyterian Church to be used as the future home of the Oriental Evangelization Society of Seattle. The site chosen is at 9th Ave., South and Weller Sts., and present plans will cover the first unit only, which will be a two-story brick building, 120 x 110 ft., and will cost about \$55,000. The total cost of the completed structure will be approximately \$150,000.

TACOMA, WASH.—A 15-story bank and office building will be erected on the northeast corner of Pacific Ave. and 11th St. for the Scandinavian Bank of this city. J. E. Chilberg, Pres.

WISCONSIN

KEWAUNEE, WIS.—Thomas Engineering Co., 122 Liberty St., New York City, and H. R. Kamschulte, 421 M. & M. Bank Bldg., Milwaukee, Wis., have prepared plans for a \$400,000 group of shipyard buildings for the Wisconsin Shipbuilding & Navigation Co., Mr. Thomas, Pres., 831 M. & M. Bank Bldg., Kewaunee.

MADISON, WIS.—Archt. Frank M. Riley, 24 E. Mifflin St., is preparing plans for a 3-story fraternity house, 45 x 65 ft., to cost \$45,000.

MILWAUKEE, WIS.—Park Savings Bank, A. G. Langlois, Cashier, 33d and Lisbon Ave., will build a \$25,000 addition. Chas. Tharingu, 3328 State St., Archt.

SUPERIOR, WIS.—Finnish Labor Society will erect a 2-story and basement hall, 50 x 120 ft. F. B. Johnson, Archt., Wisconsin Bldg. \$40,000.

WAUWATOSA, WIS.—F. D. Underwood, 593 Wauwatosa Ave., will build a 2-story, 4-family apartment on Wauwatosa Ave. A. C. Eschweiler, Goldsmith Bldg., Milwaukee, Archt. \$60,000.

WEST VIRGINIA

CHARLESTON, W. VA.—A company, of which George & Andrew Thomas are the principal members, will construct a 66 x 100 ft. one-story brick business building at the corner of State and Summers Sts. at a cost of \$20,000. The building will be so arranged that several additional stories can be erected in the future.

PARKERSBURG, W. VA.—The Parkersburg Rig and Reel Co., John Crawford, Pres., 626 Marietta Ave., Parkersburg, will erect 1 story foundry, 100 x 220 ft. Cost \$100,000. Brick, concrete and steel. Day & Zimmerman, 611 Chestnut St., Philadelphia, Engineers.

PRINCETON, W. VA.—A. F. Wysong is the architect for a new 3-story, 30 x 92 ft. office building to cost \$30,000. Owner, M. W. Lewis & Co., Mullens, W. Va.

WHEELING, W. VA.—The Wincox Machine Co. will erect a glass factory near their present plant in West Wheeling.

HAWAII

HONOLULU, HAWAII.—Jas. A. Wetmore, Acting Supervising Archt. of the Treasury Dept., Washington D. C., has announced the construction of a U. S. post office, court and custom house in Honolulu, Hawaii. Drawings and specifications can be secured from the architects, York & Sawyer, 50 East 41st St., New York City, from the custodian of the site at Honolulu, from the superintendent, I. W. Roberts, 403 Post Office Bldg., San Francisco, or at the office of the Supervising Architect of the Treasury Dept., Washington, D. C.

On San Francisco's water front

The three great modern piers pictured below are built largely of California Redwood because of the *proved fire-resistance* of this lumber.

For the fire-resistant roofs and fire baffles of these piers nearly 1,600,000 feet (B. M.) Redwood were used.

In addition to its resistance to fire, Redwood is long-lived. A *natural preservative* protects the wood and keeps it free from decay and impervious to moisture. Redwood is unexcelled as a roofing lumber for paper, textile and other mills where resistance to decay and exceptional insulating powers are highly essential. For these purposes Red-

wood has demonstrated its value in hundreds of cases.

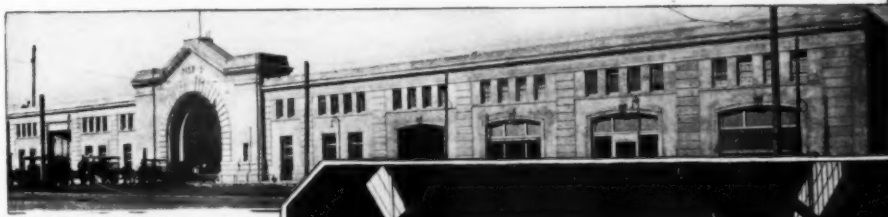
Investigate Redwood for exacting industrial uses and for home building. Write for "California Redwood for the Engineer," "Redwood Roofs," "Redwood Block Paving," "California Redwood Homes," "Redwood Lattice Trusses" and other free booklets covering its various uses.

Your lumber dealer should handle Redwood. If not, write us, and we will see that you are supplied.

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Resists fire and rot

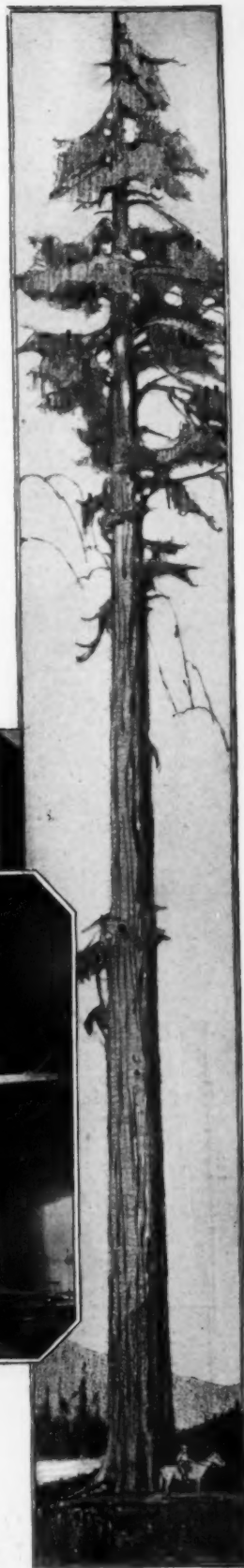


Exterior view of new piers built largely of Redwood



Nearly 1,600,000 feet (B. M.) of Redwood were used on these new piers. Note Redwood roof boards over which felt and gravel roof is built, and Redwood fire baffles inside, finally covered with sheet metal.

Redwood is also unexcelled as roof material for paper mills, etc., on account of its great insulating qualities.



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.—Jemison Real Estate & Insurance Co. will erect 20 residences in the Mountain Terrace District at an aggregate cost of \$210,000.

CALIFORNIA

LOS ANGELES, CAL.—America's largest and most luxurious show house, to cost more than \$2,000,000, will be constructed here by D. J. Geauman and Sid. Geauman. The theater will occupy the site now occupied by the First Methodist Church, at 6th and Hill Sts.

LOS ANGELES, CAL.—The Southern California Iron & Steel Co., A. C. Denman, Pres., will build a new plant, comprising several reinforced concrete and steel frame galvanized buildings at an estimated cost of \$1,750,000.

NAPA, CAL.—At a meeting held here to discuss the housing problem, subscriptions were taken toward the \$100,000 housing scheme. It was decided to form a committee of fifteen to make the necessary arrangements for the project.

PASADENA, CAL.—It is planned to erect an addition to the Pasadena Hospital. The structure will be 4 to 6 stories high.

SACRAMENTO, CAL.—Plans for the erection of 360 modern bungalows, involving an expenditure of \$1,500,000 or more, were announced by J. C. Carly, president of the J. C. Carly Real Estate Company, who stated, beginning at once, at least ten distinct type bungalows would be constructed each month, and the work would continue through two or three years. The bungalows will cost from \$3,500 to \$4,000 each, and the improvements will include street paving, sidewalks, shade trees, lawns, electroliners and a general landscape gardening scheme that will make the entire district a show place.

SACRAMENTO, CAL.—A building campaign that will end only when the demand for homes in Sacramento is filled was announced recently by D. W. Carmichael of the Carmichael Co. The number of homes to be built will be governed by the demand.

CONNECTICUT

EAST NORWALK, (South Norwalk P. O.), CONN.—Croft & Knapp, Water and Tolls Sts., South Norwalk, plan to erect a \$125,000 brick and concrete factory. No architect selected.

GEORGIA

THUNDERBOLT, GA.—At a recent meeting the Board of Commissioners of the State Industrial College at Thunderbolt decided to erect a \$50,000 building, which the general assembly voted for in the recent session. Whether the construction will be solid brick or tile and stucco has yet to be decided. The construction will be done by the students of the college, affording them practical experience. The committee decided, also, to add a girls' dormitory to the buildings of the institution as soon as they are able to do so out of the limited funds. Judge W. R. Hammond of Atlanta is on the committee.

DELAWARE

SMYRNA, DEL.—John J. Kennedy, Archt., Ford Bldg., Wilmington, is preparing plans for a residence for C. P. Thornley. The house is to be 2½ stories high, 40 x 80 ft.

WILMINGTON, DEL.—The Central Realty Co. will erect eleven 1-story stores and a garage at 11th and Orange Sts. at a cost of \$68,000. Brown & Whiteside, Du Pont Bldg., are the architects.

WILMINGTON, DEL.—The Washington Heights Century Club, Mrs. Henry Raby, President, 2300 Van Buren St., will erect a 2-story and basement brick clubhouse, 40 x 30 ft., on Concord Ave. W. E. House, Archt., 204 W. 24th St. \$20,000.

ILLINOIS

CHICAGO, ILL.—Wearg & Alford, Archts., 1732 S. Michigan Blvd., are drawing plans for a 1-story fireproof brick bank building, 138 x 134 ft., on Robey St. and North Ave. for the Noel State Bank.

CHICAGO, ILL.—Archt. A. S. Alschuler, 28 E. Jackson Blvd., has prepared plans for a 4-story brick and reinforced concrete plant for the Ilg Electric Ventilating Co., S. W. Weiss, Pres., 154 Whitney St. \$750,000.

CHICAGO, ILL.—City will erect a \$30,000 2-story fire station at 734 W. 35th St. from plans of Chas. W. Kallal, 1017 City Hall.

CHICAGO, ILL.—H. L. Goetz, 1421 S. Michigan Ave., will erect a 9-story and basement hotel, 100 x 200 ft., on Sheridan Rd., at a cost of \$1,000,000. P. J. Weier, 343 S. Dearborn St., is the architect.

CHICAGO, ILL.—W. G. Uffendell, 39 S. State St., is architect for a 5-story and basement factory to be built by the Dallas Brass & Copper Co., D. B. Dallas, President, 225 N. Jefferson St. The building will be 100 x 138 ft. and will cost \$200,000.

CHICAGO, ILL.—James W. Water, distributor of automobile tires for the Pennsylvania Rubber Co., will erect a building on Michigan Ave. at 35th St., to be used as a salesroom and service station, \$150,000.

CHICAGO, ILL.—Archts. Mundie & Jensen, 39 S. La Salle St., have prepared plans for a 16-story addition to Hillman's at 18-20 N. State St. \$1,000,000.

CHICAGO, ILL.—Marshall & Fox, Archts., 706 N. Michigan Ave., are preparing plans for a \$3,000,000 apartment building to be erected on the block bounded by Banks, Stone and Boethe Sts. and Ritchie Court.

HIGHLAND, ILL.—J. A. Wetmore, Supervising Architect for the Treasury Dept., Washington, D. C., has drawn plans for a new brick and stone post office for this city. Money will soon be appropriated.

KANKAKEE, ILL.—Archts. Z. T. and C. G. Davis, 64 E. Van Buren St., Chicago, are receiving bids for the construction of a 3-story and basement brick addition to an Emergency Hospital to cost \$125,000.

PLATO CENTER, ILL.—Board of Education, care Geo. E. Morris, Sherman Bldg., Elgin, Ill., will erect a \$45,000 schoolhouse.

ROBINSON, ILL.—Plans are completed for a 3-story and basement garage for the A. L. Maxwell Co., Lawrenceville, Ill. Frank J. Schlotter, 113½ Upper 4th St., Evansville, Ind., is the architect.

INDIANA

EVANSVILLE, IND.—Announcement of the intention of the Ohio Valley Seed Co. to build a 5-story mill and grain elevator was made yesterday by Louis J. Graf, secretary-treasurer of the company. The building will be erected at Indiana and Rowley Sts. The plans have not yet been drawn.

INDIANAPOLIS, IND.—Board of Education, Geo. C. Hitt, Business Manager, Ohio and Meridian Sts., will build a 1-story warehouse and repair shop, 75 x 220 ft. W. E. Russ, Merchants' Bank Bldg., Archt. Cost \$75,000.

INDIANAPOLIS, IND.—Two stucco apartment buildings, 3 stories high, are to be erected for Ella Gould Lazarus at the northwest corner of Meridian and 21st Sts. The buildings are to cost about \$80,000.

IOWA

DAVENPORT, IOWA.—Purchase of a building site for a new \$75,000 factory was announced a few days ago by the Vosa Bros. Mfg. Co., West 2d St. The new building will be 75 x 150 ft., 3 stories high, of brick and steel construction. Clausen & Kruse, Central Office Bldg., are the architects.

DAVENPORT, IOWA.—An ultra-modern apartment hotel, to cost between \$250,000 and \$300,000, fireproof in construction, is planned by D. R. Newton of Chicago, to occupy the northeast corner of 6th and Brady Sts., now occupied by the Y. W. C. A. The plans have been drawn and call for a 6-story building with approximately 90 suites of two rooms, kitchenette and bath.

DES MOINES, IOWA.—Des Moines College proposes to erect a modern gymnasium soon, to cost \$100,000.

ROCK RAPIDS, IOWA.—A school building is to be erected here at a cost of \$150,000.

KANSAS

KANSAS CITY, KAN.—Plans are under way for a 2-story ice storage plant, 50 x 128 ft., brick and stone trim, for the City Ice Co., care F. D. Whiting, 21st and Campbell Sts., Kansas City, Mo. Geo. Carman, Essex Bldg., Kansas City, Mo., Archt. \$50,000.

LYNDON, KAN.—Citizens here voted to build a modern school building to cost \$75,000.

MARION, KAN.—Marion County will erect a 3-story and basement courthouse, 96 x 124 ft., of brick and stone, to cost \$300,000. Tonini & Bramblet, Oklahoma City, are the architects.

KENTUCKY

LOUISVILLE, KY.—Efforts extending over a year for the establishment in Louisville of a malleable iron factory resulted last week in a transaction whereby a \$500,000 plant will be erected immediately by the Illinois Malleable Iron Co., a Chicago concern, Mr. Bullock, Pres.

MARYLAND

BALTIMORE, MD.—Simmons Co., 612 W. Pratt St., acquired a site on Key Highway, near Fort Ave., and plans to build a \$75,000 factory and warehouse.

BALTIMORE, MD.—Sherwood Bros., Bank and 8th Sts., plan to rebuild a 1 and 2-story reinforced concrete warehouse and oil refining plant, 75 x 100 ft., at a cost of \$100,000.

MASSACHUSETTS

BOSTON, MASS.—Plans have been drawn for a 3-story storehouse, 100 x 50 ft., to be built at 112 Norfolk Ave., by the Beckwith Box Toe Co., Geo. W. Sterritt, Mgr., 108 Lincoln St.

BOSTON, MASS.—The delegates at the convention of the Lithuanian Catholic Labor Alliance have voted to finance the erection of a building to cost about \$100,000, in South Boston, to house the officers of the Alliance and the publications for Lithuanian readers in this section.

BROCKTON, MASS.—The W. L. Douglas Shoe Co. will erect the largest restaurant in the southeastern part of the State for the benefit of their employees. It will be connected by tunnels with the main factory. The building will be of brick, two stories high, and will cost about \$30,000.

FLORENCE (Northampton P. O.), MASS.—Florence Mfg. Co., Pine St., will soon let the contract for their 4-story brick mill construction addition, 75 x 127 ft. Cost about \$70,000.

HOLYOKE, MASS.—Plans were filed with the city engineer's office this week by the Germania Mills Co. for a new spinning mill estimated to cost \$150,000. This is the first of a series of buildings planned by that company that will cost approximately \$10,000,000.

LEXINGTON, MASS.—By the will of Mrs. Eliza B. Farnum and Miss Susanna Cary, a sum of from \$300,000 to \$350,000 is left to the town of Lexington to build a memorial to their father who at one time lived here. It is planned by the selectmen of the town to erect a new town hall for the memorial, to replace the old structure, which is now inadequate for the needs of the village.

LONGMEADOW, MASS.—The Church of St. Mary in Longmeadow has secured an option on a piece of land at 507 Longmeadow St. and will erect a \$50,000 church with a seating capacity of 500.

LYNN, MASS.—W. T. Grant Co., 28 West 23d St., New York, will erect a 4-story brick, fireproof business block, 45 x 126 ft., at 72-74 Market St. A. H. Bowditch, Archt., 44 Bromfield St., Boston.

PITTSFIELD, MASS.—An order has been passed by Aldermen for the erection of a new schoolhouse in the Pontotoc Dist., involving an expenditure of \$175,000.

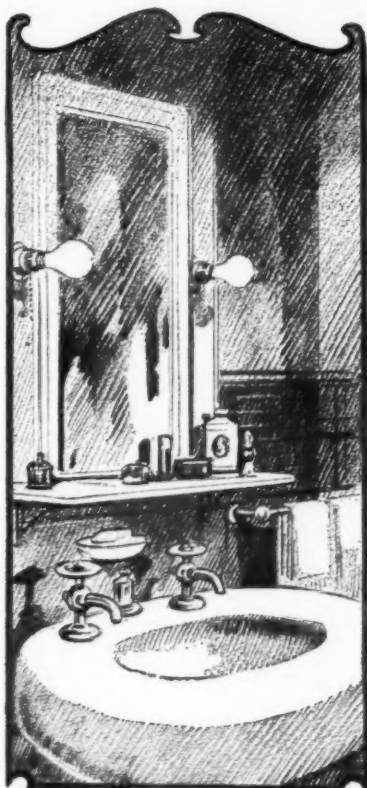
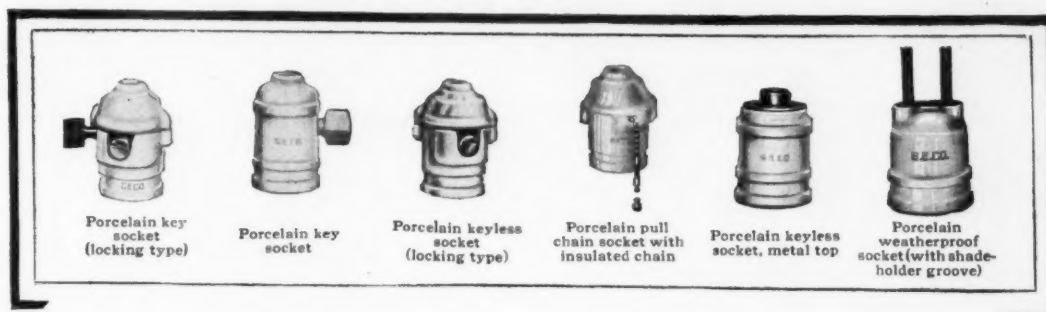
WORCESTER, MASS.—A. I. Ascher, 16 Harding St., is having plans prepared by E. T. Chapin, Archt., 340 Main St., for a 2-story brick garage, 152 x 163 ft., on Green St. About \$150,000.

MICHIGAN

DETROIT, MICH.—Among the building permits issued last week was one for a 142-room hotel to be built by the Vinton Company at 34 Piquette Ave. The hotel will be a 3-story brick structure, estimated to cost \$70,000.

DETROIT, MICH.—The Detroit Board of Health has selected Dr. Alfred H. Garvin as superintendent of the tuberculosis sanatorium and will erect new buildings soon. Wm. H. Maybury is chairman of the building committee.

DETROIT, MICH.—Lieut. J. Christiansen of Mt. Clemens has organized a new building company to be known as the American Home Construction Company which will build homes designed by the company's architect which have been standardized to be built in quantities. The company's operations will be confined to moderate priced buildings of



The name General Electric Company on an electrical device is a guarantee of quality backed by over a quarter-century's experience in the generation, transmission, distribution and application of electricity.

Porcelain Sockets

PORCELAIN sockets serve a very useful purpose where climatic conditions or immediate surroundings preclude the use of metal-shell types.

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from 5 to 8 rooms. The main office of the company will be in Detroit.

DETROIT, MICH.—The Packard Motor Co., A. Macauley, president, will erect new buildings and additions to old, to cost \$750,000. Albert Kahn and Ernest Wilby, Marquette Bldg., associate architects.

LANSING, MICH.—S. D. Butterworth, Archt., 432 Tussing Bldg., is drawing sketches for a \$500,000 clubhouse for Club Farming, care Robert Spier, Capital National Bank Bldg.

OWOSSO, MICH.—Plans will soon be completed for the new hospital to be built by the city, care F. M. Woodward, Owosso. The building will be 2 and 3-story and basement, 40 x 134 ft., of brick and concrete, and will cost \$150,000. S. D. Butterworth, Tussing Bldg., is the architect.

THREE RIVERS, MICH.—If present plans are carried through the Eddy Paper Co., C. E. Nelson, manager, Three Rivers, will erect a \$200,000 paper mill here. Billingham & Cobb, Press Bldg., Kalamazoo, Mich., architects and engineers.

MINNESOTA

DELUATH, MINN.—Plans are nearing completion for the \$400,000 concrete and brick apartment building to be constructed at 9th and E. Superior Sts., by the Whitney Wall Co., care Whitney Wall, Jr., Torrey Bldg. Archts. Holstead & Sullivan, Palladio Bldg.

MOOREHEAD, MINN.—The Board of Education, O. T. Bergen, Clerk, proposed to erect a \$200,000 high school on 13th St. between 2d and 3d Aves. Miller, Fullenwider & Dowling, 6 N. Michigan Ave., Chicago, are the architects.

NASHWANK, MINN.—The school board of this district, Chas. Latvala, chairman, has authorized the application of the State loan of \$600,000 for the erection of the new high school building in this village, a new high school building in Keewantin and a grade school in the Bennett mine location. Architect W. T. Bray, Fidelity Bldg., has been selected to draw the plans for the buildings.

PIPESTONE, MINN.—At a mass meeting of citizens held here to-night Oscar Ashton placed in trust of the City Council and County Commissioners the sum of \$50,000 to be used immediately in the erection of a large modern hospital.

MISSOURI

KANSAS CITY, MO.—R. A. Curtis plans to build a 4-story, 100 x 120 ft., concrete garage on Admiral and Grand Sts. to cost \$85,000. Hedrick & Huff, Interstate Bldg., Engineers.

ST. LOUIS, MO.—Donk Bros. Coal Co., 314 North 4th St., will erect a 3-story warehouse to cost about \$50,000.

NEBRASKA

BLUE SPRINGS, NEB.—Board of Education will erect a \$41,000 school building.

BRULE, NEB.—Harry Lawrie, 619 Paxton Block, Omaha, is drawing plans for a 1-story and basement, 26 x 81 ft., brick and stone bank building for the Bank of Brule. Cost \$90,000.

OMAHA, NEB.—Dr. Palmer Findley, 870 Brandeis Theater Bldg., will erect a 3-story frame and stucco hospital at 39th near Farnam, from plans of Jas. T. Allan, Archt., Brandeis Theater Bldg., \$80,000.

OMAHA, NEB.—Plans contemplating the erection of a large modern office building in Omaha are under consideration by the Woodmen of the World. W. A. Fraser, Sovereign Commander, said yesterday. The new structure is intended to be 14 stories high and to cost approximately \$1,000,000.

OMAHA, NEB.—Plans have been drawn by Holabird & Roche, Archts., 104 S. Michigan Ave., Chicago, for an additional story on the 18-story W. O. W. Bldg., at 14th and Farnam Sts. The drawings have been approved by J. N. Crawford, building superintendent. The superstructure is to be 100 x 132 ft.

PERU, NEB.—A science hall, 3 story, brick, 132 x 62 ft., will be built by the State of Nebraska, H. E. Reische, Secretary, State Normal Board, Chadron, Neb. Plans by J. H. Craddock & Co., Archts., 504 Farnam Bldg., Omaha.

NEW JERSEY

ATLANTIC CITY, N. J.—Schuldenfrei Dry Goods Co., S. Schuldenfrei, Manager, purchased the property adjoining their present store and will erect a 4-story brick business structure for their own use.

ATLANTIC CITY, N. J.—The Holy Spirit Catholic Church has purchased a site on Massachusetts Ave. and will build a parochial school building to cost \$100,000.

BAYONNE, N. J.—The Building Committee of the Bayonne Hospital plans to start work soon on the erection of a \$250,000 addition to the hospital.

BRIGHTON, N. J.—Board of Education, care Arthur Soocy, has commissioned C. E.

School, 31 N. 6th St., Reading, Pa., to draw plans for a \$225,000 brick high school to contain 30 classrooms, gymnasium, auditorium, laboratories, domestic science rooms, etc.

ELIZABETH, N. J.—Chas. N. Oakley, 280 N. Broad St., is architect for the proposed Hall of Records, which is to be built in the rear of the County Court House here. Wm. I. McMane of Summit, N. J., is chairman of the Board of Freeholders.

NEWARK, N. J.—The Hay Foundry & Iron Works, Plum Point Lane, will erect a 4-story office building at the corner of Lentz St. and Plum Point Lane. An addition is to be built to the plant of Otto Heineman Phonograph Supply Co. of 25 West 75th St., New York, on Wilson Ave., Newark. The combined cost of the two operations is estimated at \$140,000.

NEW BRUNSWICK, N. J.—The Mansion House, an old established hotel, will be remodeled into an office building, according to an announcement made by Ramon Montalvo, Jr., owner of the property. Architects are working on the plans.

TRENTON, N. J.—The local Y. M. C. A., C. H. Arthur, Pres., care Trenton Trust & Safe Deposit Co., 26-30 State St., has chosen Jallade & Lindsey, 37 Liberty St., New York City, as architects for a new \$450,000 building.

NEW YORK

BUFFALO, N. Y.—Beaver Co., Beaver Rd., will soon let the contract for building a 1-story mill construction or reinforced concrete plant, 144 x 522 ft. Cost about \$150,000.

FULTON, N. Y.—The American Woolen Mill Co. has incorporated the Homestead Association, Inc., room 1111, 245 State St., Boston, for the purpose of erecting homes for their workers.

NEW YORK, N. Y.—A 15-story brick hotel will be built on West 55th St. by The 110 West 55th St. Corp., H. J. Blendenman, Pres., 19 W. 44th St., Fred T. Ley & Co., Inc., Archts., 19 West 44th St., \$560,000.

NEW YORK, N. Y.—Harold T. Young, Archt., 147 Fourth Ave., has filed plans with the Bureau of Building for a 6-story brick apartment house to be erected at 158th St., west of Riverside Drive, by Ramsey Realty Co., David Friedberg, Pres., 900 Riverside Drive, at a cost of \$300,000.

NEW YORK, N. Y.—The Board of Education is getting into step once more with its building program. The latest of the new buildings to be come from the architect's office is that to be constructed at 136th St. and Brown Place. It will be 59.8 x 100 ft., built of brick, and will cost \$160,000. C. B. J. Snyder, Archt., for the Board of Education, Municipal Bldg.

NEW YORK, N. Y.—Dwight L. Baum, Archt., Waldo Ave., New York City, has filed plans with the Building Department for a 2-story stone residence, 78 x 77 ft., to be built by Duncan C. Bulky, 531 Madison Avenue, on Livingston St., near 246th St.

NEW YORK, N. Y.—Plans were filed with the Bureau of Buildings to-day for a 16-story offices, showrooms and factory, 100 x 197 ft., 364 7th Ave., for E. B. Levy, 33 West 42d St., Sommerfeld & Steckler, Archts., 31 Union Square, \$800,000.

NEW YORK, N. Y.—Public School No. 83 at 109th St., east of 3rd Ave., will be enlarged by the addition of a 5-story and cellar fireproof extension to be occupied as additional classrooms. C. B. J. Snyder, Archt. for the Board of Education, Municipal Bldg., Cost \$200,000.

NEW YORK, N. Y.—MacArthur Brothers Co., 120 Broadway, engineers and contractors, announce that through their Paris office they have closed a contract with the French Government for the erection of 2000 houses.

NEW YORK, N. Y.—Cross & Cross, 681 5th Ave., are architects for extensive alterations to a 5-story bank building at 1 East 57th St., owned by the Mary M. Jones Estate, 681 5th Ave. Cost \$100,000.

NEW YORK, N. Y.—The Port Morris Holding Co., Julius Winter, 137th St. and Southern Blvd., president, has had plans prepared by Ballinger & Perrot, Archts., 1328 Broadway, for a 6-story concrete factory at 141st St. and Walnut Ave. \$400,000.

NEW YORK, N. Y.—Seventh Ave at 36th St. is the site of a new 16-story office and store building, 98.9 x 140 ft., plans for which were filed with the Bureau of Buildings yesterday by Buchman & Kahn, Archts., 56 West 45th St., for the owner. B. F. Haas, 417 5th Ave. Cost \$1,200,000.

NEW YORK, N. Y.—The Butterick Publishing Co., Spring and MacDougal Sts., has decided to erect a 10-story publishing building, 273.10 x 116.10 ft., at 223-253 Spring St., to cost \$1,300,000. Ballinger & Perrot, Archts., Marbridge Bldg., have prepared the plans which have been filed with the Bureau of Buildings.

NIAGARA FALLS, N. Y.—Board of Education will erect a 2-story brick and steel

school, 60 x 168 ft., on 24th St. Chester R. Phelps, Archt., Gluck Bldg., is drawing the plans. \$135,000.

PORTCHESTER, N. Y.—Lockwood, Greene Co., Engineers, Federal Bldg., Boston, Mass., are drawing plans for a factory for the Mint Products Corp., 949 Broadway, New York City, \$350,000.

SCHENECTADY, N. Y.—A 5-story building, 75 x 45 ft., to house professional offices, will be erected on Barrett St. by Dr. E. V. Stanton. Edw. G. Atkinson, 426 State St., is the architect. \$75,000.

SYRACUSE, N. Y.—Wm. A. Schuyler is agent for plat on South Salina St., recently acquired, on which the present buildings will be demolished and a 2-story steel, brick and terra cotta building erected at a cost of \$60,000.

SYRACUSE, N. Y.—The Onondaga Steel Co., Inc., plans extensive improvements to its plant. Samuel S. Buckley, president of the company.

WATERTOWN, N. Y.—Board of Education will erect a 2-story school addition, 70 x 120 ft., on Lansing St. Chas. J. Dewey, Archt., Utilities Bldg., Watertown. Frank Tisdale, Supt., Board of Education. \$75,000.

NORTH CAROLINA

BELMONT, N. C.—The Crescent Spinning Co., Acme Spinning Co. and Sterling Spinning Co. have been organized. A. C. Lineberger being president of each. They will build mills to cost \$1,800,000. Each plant will be 350 x 125 ft. and will have 50 hangarows built in connection with it.

CHARLOTTE, N. C.—The Chamber of Commerce announces that the Minter Homes Corp. of Huntington, W. Va., will make an examination of possible locations for the contemplated erection of a \$500,000 plant. Mr. Poyntz of the company visited this city and was favorably impressed with the location.

MORGANTON, N. C.—Business men of this city are forming an organization for the erection of a \$100,000 hotel. A. M. Kistler of this city is largely interested in the proposition.

WINSTON-SALEM, N. C.—City voters will be asked to ratify a bond issue of \$100,000 for the erection of schools.

OHIO

AKRON, OHIO.—Andrew J. Thomas, 137 East 45th St., New York City, is the architect for a \$350,000 3-story brick apartment to be erected by the Herberich Realty Co., Akron.

AKRON, OHIO.—A large theater and hotel building, to cost \$3,000,000, and to contain a swimming pool, Turkish baths, banquet halls and other attractive features, will be erected here by the Seiberling Hotel Co., Robt. H. Boreland, Mgr., 211 Everett Bldg., Akron. K. M. Vitthum, 21 E. Van Buren St., Chicago, and Chas. J. Kemper, 211 Everett Bldg., Akron, are drawing the plans. The building will be erected by the Thompson Starrett Co. of New York.

ALLIANCE, OHIO.—Plans have been prepared by Archts. Boenisch, Kraus & Helmkamp, Ohio Bldg., Akron, for a parochial for the Diocese of Ohio, Rev. K. F. Banks, pastor of church at Alliance.

BUYCRUS, OHIO.—The Board of Education has chosen a site for a new high school building on West Mansfield St. Archts., McLaughlin & Hulsken, Lima, Ohio.

CANTON, OHIO.—A new brick edifice will soon be built for the First Reformed Church, according to an announcement by the pastor, Rev. Alfred Grether. It will cost, with equipment, about \$50,000 and will be located at the corner of Oxford St. and Mechanic Ave.

CANTON, OHIO.—The Knights of Pythias have raised money for the erection of a \$135,000 K. of P. castle at 6th St. and Market Ave. North.

CANTON, OHIO.—A gymnasium, 64 x 46.2 ft., a cafeteria and a large auditorium are features of the Archibald McGregor School to be erected by the Board of Education. Frank C. Warner, Hippodrome Annex, Cleveland, is the architect.

CINCINNATI, OHIO.—Proctor & Collier Co., Allen Collier, President and treasurer, Commercial Trust Bldg., will erect a 2-story commercial building, 140 x 125 ft., at a cost of \$125,000. Elmer & Anderson, Citizens' Bank Bldg., are architects.

CLEVELAND, OHIO.—J. M. Miller, Archt., Guardian Bldg., is receiving bids for building a 2-story, 65 x 100 ft., reinforced concrete, brick and steel factory on Prospect Ave., for the Auto Equipment Co., Blackstone Bldg. \$60,000.

CLEVELAND, OHIO.—Republic Stove Co., 1761 East 39th St., is preparing plans for a 3-story reinforced concrete, steel and brick factory, 60 x 112 ft., to cost about \$50,000.

CLEVELAND, OHIO.—The Systembilt Homes Co., A. F. Counts, Pres., American Trust Bldg., will erect 200 homes at an aggregate cost of \$1,000,000.



Metal Lath Week

For the Safety of the Nation's Homes



Architects and Contractors—Master Builders of America—will you join the Big Industries and Big Men who are uniting to fight America's Fire Peril?

- Last year hundreds of people perished horribly.
- Homes and property worth nearly \$300,000,000 were destroyed by FIRE.

FIRE PROTECTION WEEK—October 5th to 11th—has been inaugurated to awaken the public to a realization of this peril.

METAL LATH WEEK—also October 5th to 11th—is an auxiliary movement to urge universal Fire Safe Construction for the protection of the Nation's Homes.

As a good citizen you will support the Fire Fighting Measure. As a well informed builder you know also that you can honestly endorse **metal lath**.

Ample data is available to you, to incontestably prove its Fire Retardant qualities.

Its ultimate economy, its permanence—its entire worthiness—make it a fitting vehicle for the accomplishment of your best work.

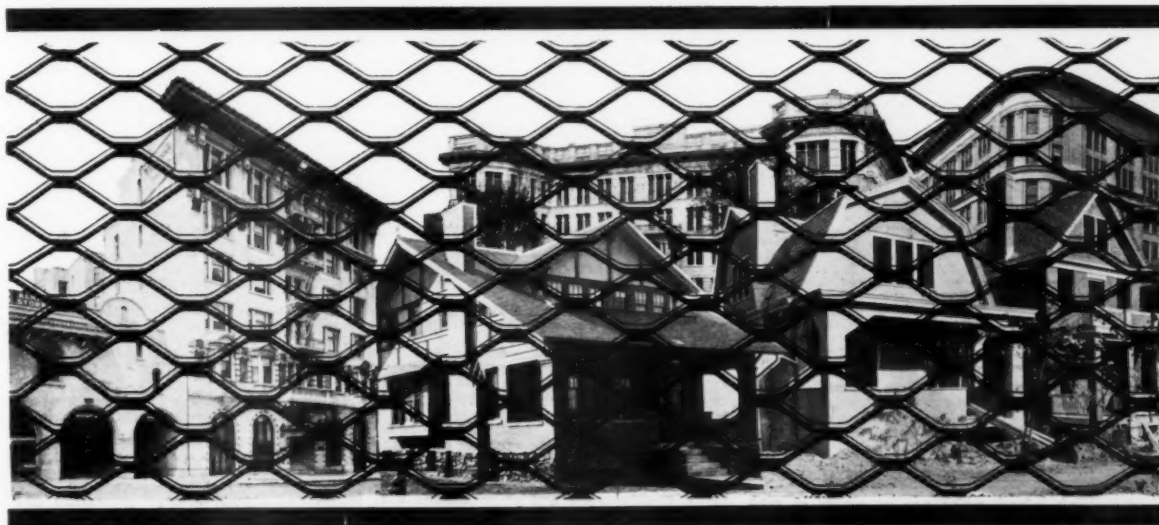
It is in your power to materially raise the safety standards of home building. Will you do so by specifying and using fire-resisting materials such as Metal Lath?

Much helpful information on fire safe building is contained in our KNO-BURN book—"FIREPROOF CONSTRUCTION." May we send you a copy?

NORTH WESTERN EXPANDED METAL CO.

911 Old Colony Bldg.

CHICAGO



CLEVELAND, OHIO.—Federal Packing Co., W. M. Bresler, 3207 W. 65th St., has leased a site on which to erect a \$100,000 cold storage plant, at 4th St. south of Huron Rd.

CLEVELAND, OHIO.—Charles Shane, 1217 Virginia Ave., has purchased a site at 4th St. and Euclid Ave. for the erection of an office building.

CLEVELAND, OHIO.—Plans have been drawn for 3-story top addition to the McIntosh Bldg., by Ernest McGeorge, 1900 Euclid Bldg., Chandler Motor Co., F. C. Chandler, Pres., St. Clair Ave. and East 131st St., is the owner. \$50,000.

ELYRIA, OHIO.—Willys-Overland Co., Toledo, is having plans prepared for a \$7,000, 600 engine factory.

LAKEWOOD, OHIO.—A 2-story brick, steel and concrete market building, 80 x 350 ft., will be built on Detroit Ave., by the Lakewood Market House Co., W. R. Powell, President, 700 Rose Bldg., Cleveland. Mr. Powell is also the architect. \$200,000.

LAKE MILTON (near Youngstown), OHIO.—Paul Douchette and Randall Medicus, Architects, 506 Stambaugh Bldg., Youngstown, are making sketches for a proposed clubhouse for the Elks Club, John Rogers, Secretary, Wick and Wood Sts. The building will have 2 stories and basement, 56 x 75 ft., and will cost \$50,000.

MIDDLETOWN, OHIO.—Werner & Adkins, New Library Bldg., Cincinnati, are architects for a new home for the Middletown Journal, to cost \$60,000.

NEW LEXINGTON, OHIO.—Masonic Lodge, La Bert Davis, chairman building committee, has purchased a site at the corner of Brown and High Sts. and will erect a \$75,000 building.

NILES, OHIO.—G. C. and A. L. Thayer, Architects, Newcastle, Pa., have been elected architects for the Niles school district, and are preparing plans for several school buildings.

ROSSFORD, OHIO.—The Larrowe Milling Co. will build soon a \$500,000 plant. H. A. Cowman, Manager.

SPRINGFIELD, OHIO.—Knope Baking Co., Piqua, Ohio, plans to build a 3-story, 60 x 180 ft., reinforced concrete and brick bakery on Jefferson St. About \$75,000. Architect not selected.

TOLEDO, OHIO.—The Pavilion at Walbridge Park, recently destroyed by fire, will be rebuilt by the city, C. A. Benedict, director, Department of Public Service, City Hall. The building will be 2 stories high and will cost \$35,000. D. L. Stein, 405 Valentine Bldg., is the architect.

TOLEDO, OHIO.—City will build 2 public comfort stations, 1 story and basement, of brick and concrete. D. L. Stein, Archt., 405 Valentine Bldg., is drawing the plans.

TOLEDO, OHIO.—The Automotive Corp. has purchased a site at Oakland Ave. and Tracey St. for a tractor factory, 90 x 300 ft. A. H. Wyatt, Pres.

TOLEDO, OHIO.—Plans are nearing completion for a grammar school, 3 story and basement, 305 x 55 ft., to be built at Upton and Oakwood Aves., by the Board of Education. The school will contain 38 classrooms, gymnasium, library and domestic science rooms. Edward M. Archt., Linwood and South Ave., \$400,000.

WELLSVILLE, OHIO.—C. A. McLaughlin, Clerk of the Board of Education, will open bids Sept. 22d for new auditorium addition to high school building in course of erection at Oak Alley and Center Ave. Plans with A. D. Horton, superintendent of schools. Wellsville, and Chas. W. Bates, Archt., 701 Nat'l Bank Bldg., Wheeling, W. Va.

ZANESVILLE, OHIO.—Archts. Hoggson Bros. of New York and Chicago have completed plans for the new First National Bank Bldg., W. P. Sharer, Pres. It will be erected on 9th St., 8-story, granite, brick and terra cotta.

OKLAHOMA

OKLAHOMA CITY, OKLA.—One of the finest and most complete club buildings in the country will be erected here by the Oklahoma Club, John Shartel, President. The plans call for a 10-story and basement, brick, stone and reinforced concrete building, 125 x 140 ft., on Grand and Robinson Aves., and included will be a gymnasium, swimming pool, restaurant, bowling alleys and a private waterworks. Hawk & Parr, Architects, 501 Security Bldg., have the plans in hand. It is estimated that the building will cost about \$600,000.

OKLAHOMA CITY, OKLA.—The Northwest Junior High School to be erected at 17th St., corner of Ellison, will cost \$165,000. It will contain 2 stories and basement, 240 x 150 ft., and will be fireproof throughout, of stone and reinforced concrete. Plans are being drawn by Layton, Smith & Forsythe, 701 S. W. Reserve Bldg. The same architects are preparing plans for the Lee Junior High School, which will be similar in most respects.

OREGON

JUNCTION CITY, ORE.—G. A. Wilhelm is having plans prepared for a 2 or 3-story, 100 x 125 ft., concrete garage to cost about \$50,000.

PORTLAND, ORE.—A 4-story building is to be erected by the Mitchell Lewis & Staver Co., at a cost of \$90,000.

PORTLAND, ORE.—The wholesale business of Meier & Frank, Julius L. Meier, Vice-Pres., will be concentrated in a new 10-story structure to be erected by them, to occupy the entire block bounded by 13th, 14th, Everett and Flanders Sts. Two additional stories will also be added to their present building at 6th and Alder Sts. A firm of Portland architects has been retained to draw plans for the new construction.

PENNSYLVANIA

BROWNSVILLE, PA.—H. S. Bair, Archt., Vandergrift Bldg., Pittsburgh, is drawing plans for a 2-story and basement tile, steel and concrete moving picture theater, dance hall and bowling alleys for the Wright Amusement Co., Thos. Wright, Mgr., Brownsville.

DUQUESNE, PA.—First Methodist Episcopal Church, N. Brown, President, 4th St., is considering the erection of a stone church. The architect has not been selected.

JOHNSTOWN, PA.—The Greek Catholic Congregation, Rev. Nicholas S. Zatzos, 413 Power St., pastor, will erect a brick and terra cotta or stone church. The foundation will be set this year and the superstructure built next year. John T. Comes, Renshaw Bldg., Pittsburgh, is the architect. \$175,000.

PHILADELPHIA, PA.—A. Desson, 8th and Morris Sts., will erect a 2-story brick garage, 16 x 48 ft., at 8th and Mountain Sts., at a cost of \$40,000. Golove & Lewis, Architects, Real Estate Trust Bldg.

PITTSBURGH, PA.—Archt. R. Guthrie, care owner, is preparing plans for four 2-story brick veneer houses to be built by J. C. Douglas, Pres., Douglas Lumber Co., Oliverly Bldg., Total cost \$50,000.

PITTSBURGH, PA.—The Board of Education, Geo. W. Gerwig, Secretary, 825 Fulton Bldg., will erect a 4-story high school. The main building, 226 x 237 ft.; boys' industrial annex, 23 x 70 ft. Ingham & Boyd, Vandergrift Bldg., Architects. Cost \$750,000.

VILLANOVA, PA.—Bids are soon due for the building of an addition, to include a gymnasium and swimming pool, to Villanova College. The building will be 3 stories high, 170 x 80 ft. John J. Kennedy, Archt., Ford Bldg., Wilmington, Del., has drawn the plans.

RHODE ISLAND

PROVIDENCE, R. I.—A \$400,000 addition to the public library on Washington St., is contemplated. Clarke & Howes, Turks Head Bldg., are the architects.

SOUTH CAROLINA

GREENWOOD, S. C.—Evans Oil & Fertilizer Co. has been incorporated to establish a cotton seed oil mill and fertilizer factory at a cost of \$100,000. F. S. Evans is president and W. T. Bailey secretary.

SOUTH DAKOTA

CLEAR LAKE, S. D.—A \$50,000 hotel, 3 story and basement, 90 x 36 ft., will be erected here by the Clear Lake Bldg. Co., care Mr. Segar, Clear Lake. U. L. Freed, Watertown, S. D., Archt.

TEXAS

DALLAS, TEX.—A large apartment house, costing \$125,000, will be erected on the lot fronting 400 ft. on Harwood St., 138 ft. on McKinney Ave. and 218 ft. on Cedar Springs Ave. by J. C. Weaver.

DALLAS, TEX.—Bids for the construction of the new theater, to be constructed by E. H. Hulsey on Elm St., near Erway St., have been asked for and the contracts will be awarded within the next three weeks, according to an announcement by C. D. Hill & Co., Architects, Sumpter Bldg. The theater will cost about \$500,000 and will seat 3600 persons.

DALLAS, TEX.—A large 2-story warehouse and garage at the northwest corner of Park Ave. and Marilla St. will be erected in the near future by the Dallas Power & Light Co. to serve as its distribution headquarters, according to an announcement made recently by John W. Carpenter, vice-president and general manager of the company.

EAST, TEX.—Citizens have voted the issue of \$100,000 bonds for the erection of a city hall and fire station.

EL PASO, TEX.—Percy McGhee, Jr., Archt., City Hall Bldg., is preparing plans for a \$36,000 brick and stone theater for J. C. Quinn.

FORT WORTH, TEX.—Jas. A. Wetmore, Supervising Architect for the Treasury Dept., Washington, D. C., receives bids until Sept. 22 for alterations to the U. S. post office here.

FORT WORTH, TEX.—Plans for the new 24-story Farmers & Mechanics National Bank Bldg. are about completed and work will start soon on the wrecking of the present building, to make way for the new structure. The new building will cost about \$1,500,000. Saginiet & Staats, Fort Worth, are the architects.

FORT WORTH, TEX.—According to announcement made here, plans have been drawn for a 9-story hotel, to be located on Main and Houston Sts. and to cost about \$500,000. The plans have been prepared by R. A. Nichols and the announcement was made by O. H. McQuary, Jr., president of the Anchor Investment Co. The new building will contain 200 rooms and will have a roof garden.

HONEY GROVE, TEX.—The Commercial Club of this city is promoting the sale of stock for a \$50,000 fireproof hotel.

UTAH

SALT LAKE CITY, UTAH.—St. Paul's Church, a landmark in this city, will be demolished and a skyscraper erected on the site by the W. H. McIntyre Co., Walter Jennings, Mgr.

SALT LAKE CITY, UTAH.—The First Methodist Episcopal Church will erect a 6-story building on 2d East St. The first floor will be used as meeting rooms for the congregation, while the upper floors will contain quarters for the pastor, assistant pastor and State officers of the church. F. M. Randall is chairman of the committee in charge.

VIRGINIA

NORFOLK, VA.—Archt. Philip B. Moses, Law Bldg., is drawing sketches for a 4-story concrete and terra cotta apartment house to cost \$150,000.

RICHMOND, VA.—Excavation is under way for the Grace Covenant Presbyterian Church, Peebles & Ferguson, Norfolk, Va., Architects. The exterior will be brick and limestone. It will cost \$325,000.

WINCHESTER, VA.—Plans have been completed by Stuart H. Edwards, Archt., 32 Rouse Ave., for a 2-story fireproof public garage, 180 x 112 ft., for Hicks Motor Co., care I. W. Hicks, Braddock and Water Sts. Cost \$50,000.

WASHINGTON

ABERDEEN, WASH.—State will erect a \$100,000 armory here. Site is being selected.

BLEWETT, WASH.—Pehastin Lumber Co. plans to rebuild a lumber and box plant recently destroyed by fire. Plans include a 2 and 3-story concrete and frame building. \$100,000.

RETSIL, WASH.—The State Board of Control at Olympia is receiving bids on an annex to the Washington Veterans' Home to be built here. Plans have been drawn by Geo. W. Lawton, Alaska Bldg., Olympia.

SEATTLE, WASH.—Completely reversing the former plans for the new J. S. Graham Co. Store building to be erected on the southeast corner of 2nd Ave. and Pine St., Architects Doyle & Merriam, Seattle National Bank Bldg., have redesigned a 4-story fireproof concrete and steel structure to cost \$250,000.

WALLA WALLA, WASH.—The Walla Walla Tool & Wrench Co. propose to erect a \$200,000 factory.

WISCONSIN

FOND DU LAC, WIS.—A 2-story structure, to be used as a combination creamery and power house, is to be erected here at \$85,000. Martin Fullgren & Sons, 1st National Bank Bldg., Milwaukee, are the architects.

JANESVILLE, WIS.—Mr. Fish of White-water, Wis., is organizing a new bank which will erect a 3-story and basement building in Janesville. Robt. Messmer & Bro., Architects, Jamestown Bldg., Milwaukee, are preparing tentative sketches.

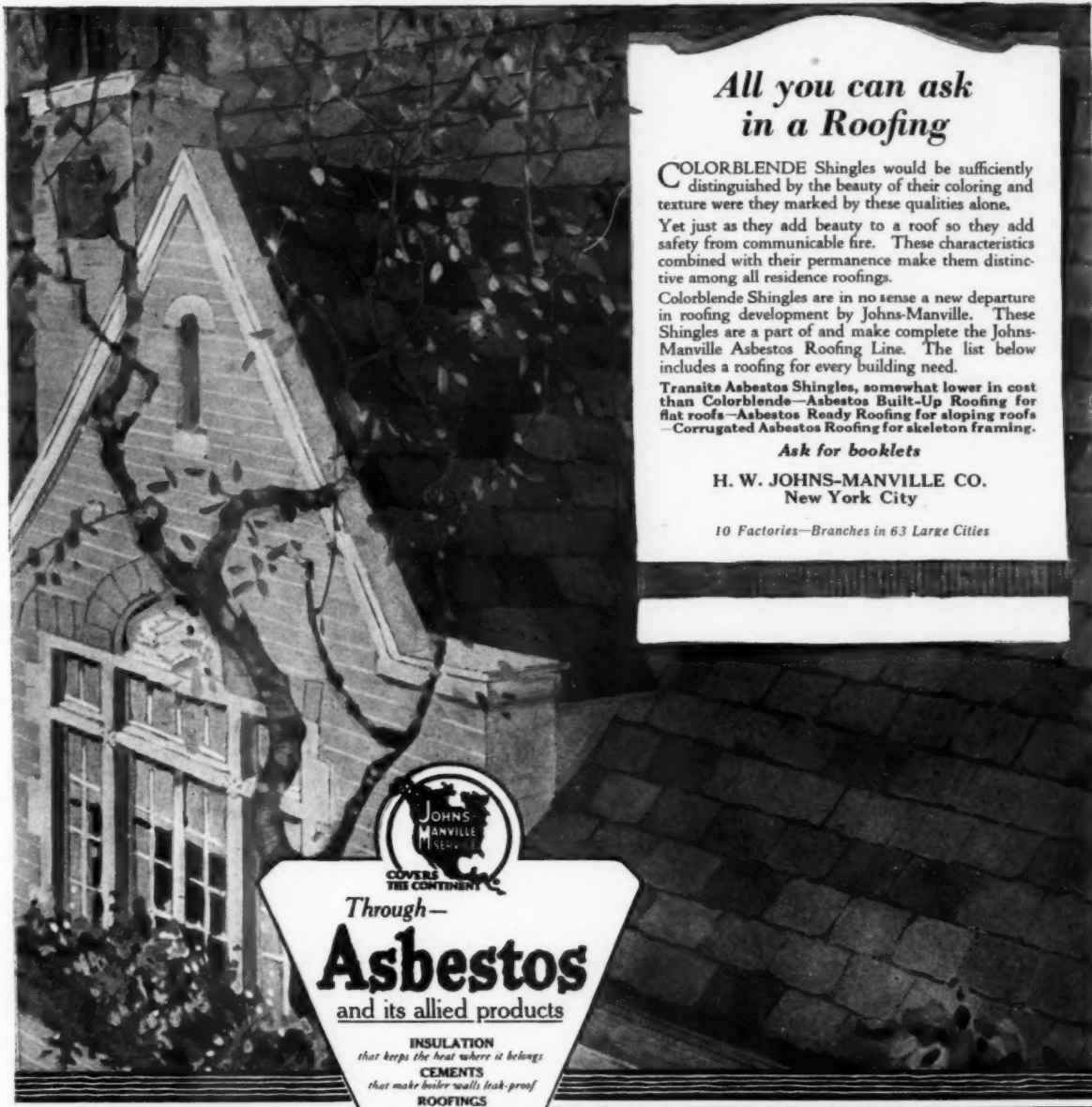
MILWAUKEE, WIS.—Bids are being asked by H. J. Esser, Archt., Camp Bldg., for the construction of a warehouse for Nunn-Bush & Weldon Co., 4th and Hadley Sts. Also for factory building at Portage for the Weinrenner Shoe Co. Estimated cost \$450,000.

PACKWAUKEE, WIS.—Plans for the new hospital for the Cramer Memorial Institute, M. D. Kelly, president, Board of Directors, 204 Grand Ave., Milwaukee, will soon be ready. The building will be 3 story, 80 x 100 ft., and will cost \$100,000. Kaches & Pfaller, 634 Merchants & Manufacturers' Bank Bldg., Milwaukee, are the architects and engineers.

SUPERIOR, WIS.—The Board of Regents, V. E. McCaskell, president, Madison, Wis., proposes to erect a 2-story and basement State normal school to cost \$120,000. The school will contain a large gymnasium and swimming pool.

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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.—Coosa Mfg. Co., Piedmont, will build a large addition to cost \$400,000.

BIRMINGHAM, ALA.—City voted \$2,000,000 bonds to construct new elementary schools and additions to present buildings, \$1,000,000 for new high schools and rebuilding Central High School, \$500,000 auditorium, \$500,000 for additional fire stations and equipment and \$500,000 for new city hall and public library combined. J. Kendrick, City Engr.

FLORENCE, ALA.—City voted \$200,000 bonds to build additional schools.

MONTGOMERY, ALA.—Montgomery, Ala., will build a free hospital to cost about \$200,000.

TROY, ALA.—The Pike County Masonic Hospital is to be built at Troy, Ala., with a capital stock of \$40,000.

ARKANSAS

JONESBORO, ARK.—Stock has been subscribed to finance a new hospital. \$200,000.

CALIFORNIA

LOS ANGELES, CAL.—California School of Religion plans to erect group of college buildings in Hollywood Section. \$700,000. Address C. C. Chapman, Fullerton.

PASADENA, CAL.—Pasadena Hospital Assn. is having preliminary plans prepared for 6-story, fireproof addition to hospital on Congress and Fairmont Sts. \$500,000. Address D. Blankenhorn, 45 South Raymond Ave.

SAN FRANCISCO, CAL.—G. A. Applegarth, Claus Spreckels Bldg., has prepared plans for a 14-story apartment structure to be erected on Francisco and Larkin Sts. \$500,000.

COLORADO

DENVER, COL.—City will vote on \$8,000,000 bonds to build and furnish new schools.

CONNECTICUT

BANTAM, CONN.—Bantam Ball Bearing Co. is having plans prepared by Fletcher-Thompson, Inc., Engrs., 1089 Broad St., Bridgeport, for 2-story, 50 x 300 ft., rein-con. and brick factory. \$65,000.

BRIDGEPORT, CONN.—F. A. Cooper, Archt., 1024 Main St., has designed 2-story, 65 x 214 ft., brick, concrete and steel store and loft, on Stratford Ave. and Kossuth St., for Mendelson Bros., 622 Water St. \$60,000.

EAST NORWALK, (South Norwalk P. O.), CONN.—Croft & Knapp, Water and Tolles Sts., South Norwalk, plans to build brick and concrete factory, on Van Zandt Ave. \$125,000.

GROTON, CONN.—M. Pollack & Co., Williamite, soon receives bids for building 3-story, 60 x 170 ft., brick and mill construction factory, here. \$90,000. J. A. Stevens, Lowell, Mass., Archt.

MANCHESTER, CONN.—Town is having plans prepared by F. Farley, Archt., 15 West 38th St., New York City, for fireproof school on Spruce St., 9th Dist. \$150,000.

MILFORD, CONN.—W. M. Irving, 33 River St., soon receives bids for constructing 3-story, 60 x 410 ft., brick business building to include stores and offices, on New Haven Ave. and Broad St. \$50,000. Taylor & Dempster, 5 East Drive, Archts.

NEW HAVEN, CONN.—The Seamless Rubber Company, New Haven, Conn., has filed plans for the erection of three 5-story buildings, each 60 x 240 ft., to cost about \$500,000.

NEW HAVEN, CONN.—Mechanics Bank, Church and Ceter Sts., is having plans prepared for altering and building brick and steel addition. \$50,000. C. S. Palmer, 191 Church St., Archt.

PLANTSVILLE, CONN.—A. Behan, West Main St., plans to build 100 room hotel, on Main and Bristol Sts., brick, concrete and steel. \$100,000.

ROCKVILLE, CONN.—Rockville City Hospital plans to build new hospital on High St. \$100,000. F. T. Maxwell, Chn.

WATERVILLE, (Waterbury P. O.), CONN.—Grace Methodist Society, 57 Wheeler St., plans to build church. \$50,000.

WINNIPEAC (Norwalk P. O.), CONN.—Norwalk Tire & Rubber Co. had plans prepared for 5-story, 85 x 160 ft., brick and

rein-con. addition to factory. \$100,000. Private plans. W. P. Petrie, Ch. Engr.

WINSTED, CONN.—Gilbert School, Park Pl., proposes building 2-story, 30 x 61 ft., brick and concrete school; concrete foundation. \$50,000. E. E. Benedict, 51 Leavenworth St., Waterbury, Archt.

GEORGIA

ATLANTA, GA.—Atlanta, Ga., will have a new million-dollar hospital to be erected by the Georgia Baptist convention. Plans for the building have been made by Burge & Stephens, of Atlanta, for a structure to be nearly a block in length. Several buildings will be required to complete the plans, the main one having 280 rooms.

ILLINOIS

BELLEVIEW, ILL.—Riester & Rubach, Archts., Belleville, will build 5-story, 80 x 160 ft., high school, for Bd. Educ. \$198,000.

CHICAGO, ILL.—Agar Provision Co., 310 North Green St., plans to build 5-story, 125 x 190 ft., factory, on Fulton and Green Sts. \$400,000.

CHICAGO, ILL.—C. Hatzfeld, Archt., 7 South Dearborn St., is receiving bids for 2-story, 35 x 90 ft., brick and timber bank, on 101st St. and Ewing Ave., for East Side Trust & Savings Bank, care architect. \$60,000.

CHICAGO, ILL.—A. L. Leroy, Archt., 111 West Washington St., is receiving bids for 3-story, 90 x 150 ft., rein-con. and steel theater, store and office building, at 2040 West Division St., for Reingold & Auerbach, 856 North Clark St. \$250,000.

CHICAGO, ILL.—Buckley Dement & Co., 632 Sherman St., having preliminary plans prepared by R. S. Smith, Archt., 111 West Monroe St., for 6-story, 100 x 120 ft., concrete and steel printing and mailing plant on Jackson Blvd. and Throop St. \$300,000.

CHICAGO, ILL.—H. Channon Co., 150 North Market St., having plans prepared by A. S. Alschuler, Archt., 28 East Jackson St., for 7-story, 120 x 180 ft., rein-con. and brick warehouse, on Randolph and Market Sts. \$400,000.

CHICAGO, ILL.—E. Edleman & Co., 351 East Ohio St., having plans prepared by A. S. Alschuler, Archt., 28 East Jackson St., for factory, on Crawford and Shubert Aves. \$250,000.

CHICAGO, ILL.—Wilson-Jones Loose Leaf Co., 3021 Carroll Ave., plans to build 2-story, 250 x 400 ft., factory, on Ohio St. and Spaulding Ave. \$400,000.

CHICAGO, ILL.—State Hospital Comm., Springfield, purchased 550 x 600 ft. site between Lincoln, Wood, Polk and Taylor Sts., here, and plans to erect group of buildings. \$4,000,000. E. D. Martin, Springfield, State Engr., in charge.

CHICAGO, ILL.—A. W. Shaw Co., 5 North Wabash Ave., is having plans prepared by D. H. Burnham & Co., Archts., 209 South La Salle St., for 2-story, 120 x 210 ft., brick and steel office building, on Class and Erie Sts. \$150,000.

CHICAGO, ILL.—Gramm-Bernstein Motor Truck Co., East Wayne and Scott Sts., Lima, Ohio, plans to construct 2-story, 70 x 190 ft., rein-con. auto sales and service building, at 2439 Wabash Ave., here. \$150,000.

VANDALIA, ILL.—Lund-Maudlin Shoe Co., 1101 Washington Ave., St. Louis, soon receives bids for 5-story, 100 x 200 ft., concrete and steel factory. \$110,000. B. W. Williams, care owner, Archt.

IOWA

BERESFORD, IOWA.—The Norwegian and Danish Lutherans of Beresford, Iowa, are subscribing \$60,000 to erect a hospital here.

COUNCIL BLUFFS, IOWA.—Bd. Educ. proposes building 2-story, 60 x 300 ft., rein-con., brick and steel school. \$260,000. Proudfoot, Bird & Rawson, Hubbell Bldg., Des Moines, Archt.

DAVENPORT, IOWA.—Odd Fellows, Lodge No. 7, will erect a new building at 6th and Main Sts., to cost \$75,000. Address H. W. Effenbach, care Lodge No. 7.

DES MOINES, IOWA.—Bankers Trust Co., 500 Walnut St., is receiving bids for remodeling 1-story, 44 x 136 ft., rein-con., brick and stone bank. \$100,000. A. H. Anderson, 117 South Wabash St., Chicago, Archt.

DES MOINES, IOWA.—A ward for children, named in honor of Dr. Harriet Messenger, is being built as a part of the new Iowa Congregational Hospital, Des Moines, Iowa.

DUBUQUE, IOWA.—Tuberculosis hospital is proposed at Dubuque, Iowa. It will be known as the Sunnyside Sanatorium and will cost \$60,000.

MARSHALLTOWN, IOWA.—The St. Thomas Hospital to be erected at Marshalltown, Iowa, by the Sisters of Mercy, Davenport, will cost \$200,000. Lightner Brothers, Cedar Rapids, have the contract.

KANSAS

AUGUSTA, KAN.—City is having plans prepared by J. R. Switzel, Archt., Augusta, for building 2-story, 44 x 120 ft., rein-con. steel and brick hospital. \$100,000.

EL DORADO, KAN.—First Baptist Congregation plans to build 2-story, brick church. \$80,000. J. H. Felt & Co., 802 Grand Ave. Temple, Kansas City, Mo., Archts.

EMPORIA, KAN.—McCord & Kistler Mercantile Co., 201 Kansas Ave., Topeka, is having plans prepared by C. D. Cuthbert, Archt., 435 Kansas Ave., Topeka, for 2-story, 75 x 150 ft., rein-con., steel and brick warehouse. \$70,000.

HUTCHINSON, KAN.—State Exch. Bank, care F. W. Cotter, Pres., is having plans prepared by W. E. Hulse & Co., Archts. Hutchinson, for building 6-story bank, 75 x 150 ft., rein-con., steel and brick. \$300,000.

NORTH TOPEKA, (Topeka P. O.), KAN.—Bd. Educ. is having plans prepared by T. W. Williamson & Co., Archts., 418 Central Natl. Bank Bldg., Topeka, for 2-story, 66 x 84 ft., brick school. \$50,000.

TOPEKA, KAN.—Whiteaker Bros., 1st St. and Kansas Ave., is having plans prepared for building 4-story, 100 x 131 ft., concrete garage. J. C. Holland & Son, 719 Mills Bldg., Archts. Hedrick & Hoff, Interstate Bldg., Kansas City, Mo., Engrs.

WICHITA, KAN.—Bd. Educ. proposes building Mark Twain School, 3-story, 109 x 185 ft., brick. \$200,000. L. Schmidt, 121 North Market St., Archt. H. A. Nahle, Reliance Bldg., Kansas City, Mo. Engr.

MARYLAND

BALTIMORE, MD.—H. F. Doelman, Engr., 507 North Charles St., is designing 4-story, 35 x 145 ft., rein-con. warehouse, on Cross St. and Key Highway, for W. B. Cassell & Co., 1027 South Howard St. \$60,000.

BALTIMORE, MD.—R. L. Harris, Archt., 2027 Kennedy Ave., soon receives bids for building 2-story, 60 x 90 ft., storage plant, brick and timber, for Crystal Ice Co., Chester St. and North Ave. \$70,000.

BALTIMORE, MD.—G. R. Callis, Jr., Archt., 55 Knickerbocker Bldg., has plans for building 5-story, 83 x 197 ft., rein-con. and brick warehouse, for Genl. Coffee & Tea Co., Light and Lee Sts. \$65,000. J. Posey, 925 Fidelity Bldg., Consult. Engr.

BALTIMORE, MD.—Horowitz Garage Co., 1001 East Baltimore St., soon receives bids for building 2-story, 60 x 140 ft., rein-con. and brick garage, at 109-113 North High St. \$50,000. G. R. Callis, Jr., 55 Knickerbocker Bldg., Archt.

BALTIMORE, MD.—Sherwood Bros., Bank and 8th Sts., plan to rebuild 1 and 2-story, 75 x 200 ft., rein-con. warehouse and oil refining plant. \$100,000.

BALTIMORE, MD.—Simmons Co., 612-22 West Pratt St., acquired site on Key Highway near Port Ave., and plans to build factory and warehouse. \$75,000.

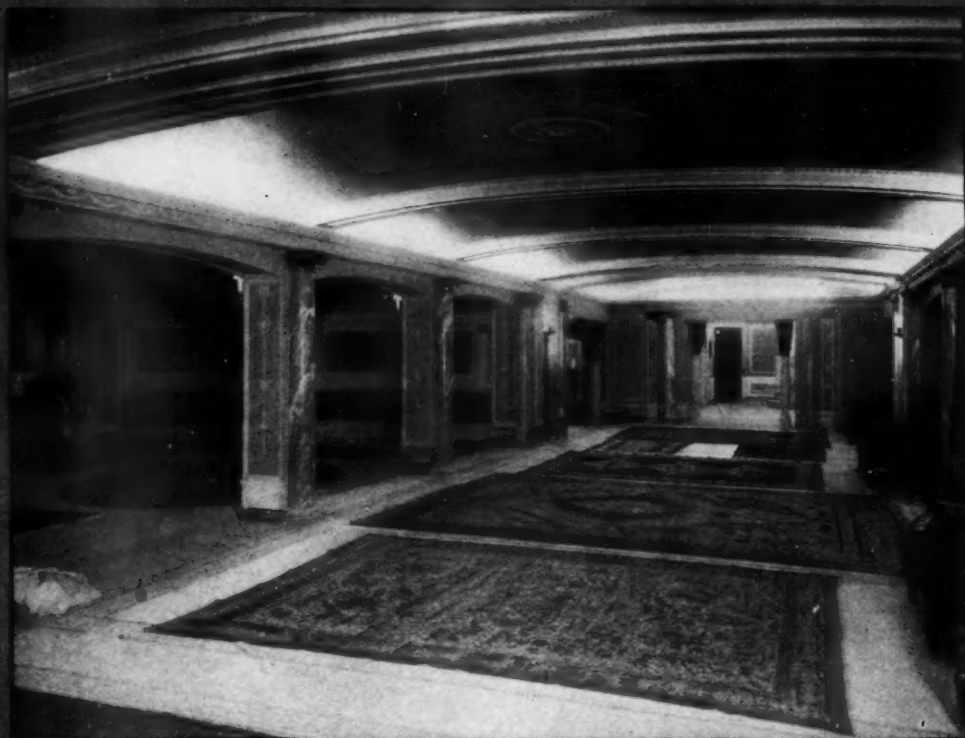
MASSACHUSETTS

BOSTON, MASS.—A structure to cost \$2,000,000 will be erected as a bank by the Federal Reserve Bank of Boston, on Milk, Franklin, Pearl and Oliver Streets. R. Clifton Sturges, 120 Boylston St., Boston, Archt.

CHICOPPEE, MASS.—Torrington Co., Springfield St., soon lets contract for building 4-story, 50 x 100 ft. brick and mill construction addition to factory. \$50,000.

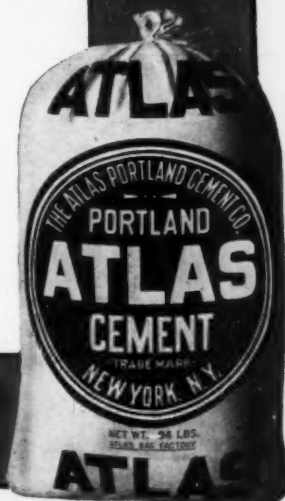
FLORENCE, (Northampton P. O.), MASS.—Florence Mfg. Co., Pine St., soon lets contract for 4-story, 75 x 127 ft. brick and mill construction addition to plant. \$70,000.

GARDNER, MASS.—Comm. on Mental Diseases, 36 State House, Boston, proposes build-



*Grand Foyer, Orpheum Theatre, Boston, Mass. Owner: Marcus Loew.
Architect: Thos. W. Lamb, New York City.
Contractor: Fleischman Construction Co., New York City.*

REINFORCED concrete is especially suited to the construction of the long arches and wide spans required in modern moving-picture theatre design.



THE ATLAS PORTLAND CEMENT COMPANY
NEW YORK Boston Philadelphia Savannah Dayton Minneapolis Des Moines St. Louis CHICAGO

ing 2 story brick and concrete addition to assembly hall, here; Gardner State Colony, here. \$75,000. W. M. Bacon, 27 Kilby St., Boston, Archt.

HOLYOKE, MASS.—Wells Hardware Co., Inc., 346 Main St., purchased site and plans to construct 4 story business building. \$50,000.

HOLYOKE, MASS.—Victory Theater Co., Bridge St. Springfield, is having plans prepared by Mowel & Rand, Archts., 175 Devonshire St., Boston, for brick and rein.-con. theater, on Suffolk and Chestnut Sts. \$350,000.

SPRINGFIELD, MASS.—St. George Greek Orthodox Society is having plans prepared by B. Wozny, 381 Main St., for 2 story brick and steel church and school, on Patton St. \$75,000.

WORCESTER, MASS.—Coppus Eng. & Equipment Co., Park Ave., plans to build 1 story foundry. \$80,000.

WORCESTER, MASS.—City plans to build 2 story, 49 x 91 ft., brick addition to school, on Rice Sq. \$60,000. G. T. Tribe, 306 Main St., Archt.

WORCESTER, MASS.—State Bd. Educ., State House, Boston, plans to build 3 story, 90 x 145 ft., brick trade school for girls, at 22-28 High St., here. \$250,000. Frost & Chamberlain, 390 Main St., Archts.

WORCESTER, MASS.—A. I. Asher, 16 Harding St., is having plans prepared by E. T. Chapin, Archt., 340 Main St., for 2 story, 152 x 163 ft. brick garage, on Green St. \$150,000.

MICHIGAN

BALATON, MINN.—Bd. Educ. proposes building 2 story, brick and rein.-con., grade and high school. \$75,000. C. H. Parsons, Builders' Exchange, Minneapolis, Archt.

BAY CITY, MICH.—J. P. Beck, 1125 James St., Saginaw, plans to build 3-story, 100 x 100 ft., rein.-con., brick and steel garage, on Washington St. \$75,000.

CADILLAC, MICH.—W. E. N. Hunter, Archt., 1306 Chamber of Commerce, Detroit, is receiving bids for building 1 story, 80 x 80 ft., rein.-con. and brick church, for 1st Methodist Congregation. \$50,000.

DETROIT, MICH.—Detroit Soluble Oil Co., Beard St. and Michigan Central Ry., plan to build rein.-con., brick and steel plant, on Dix Ave. and Michigan Central Ry.

DETROIT, MICH.—R. H. Marr, Archt., 1204 Kresge Bldg., is receiving bids for 3 story, 35 x 200 ft., brick, steel and stone, hotel, at 34 Piquette Ave., for Vinton Co., Vinton Bldg. \$100,000.

DETROIT, MICH.—General Ice Co., 225 Grand River Ave., having plans prepared by D. R. Wells, Archt., 435 Woodward Ave., for building 2-story, 90 x 131 ft., brick and steel wagon shop and barns, on Crane Ave., near Mack Ave. \$50,000.

DETROIT, MICH.—The Fisher Body Corporation will erect a 6 story factory building 156 x 580 ft. on Piquette Ave. at Hastings Street. \$955,000.

DETROIT, MICH.—H. L. Bowles & Co., 204 Bowles Bldg., plans to build 3 story, 60 x 100 ft., rein.-con., brick and steel lunch room, on Michigan Ave. \$200,000.

DETROIT, MICH.—Municipal Bureau of Markets, Municipal Courts Bldg., plans to build 1 story steel addition to market, on Russell and High Sts. \$50,000.

DETROIT, MICH.—Frank Bros. Iron & Metal Co., East Grand Blvd. and Orleans St., plans to build 4 story, 65 x 250 ft. brick and steel mercantile building, on Woodward Ave.

DETROIT, MICH.—C. W. Brandt, Archt., 1114 Kresge Bldg., will build 2 story, 100 x 160 ft., rein.-con., brick and steel theater, on Woodward Ave. \$150,000.

GRAND RAPIDS, MICH.—Spier & Gehrke, Archts., 1317 Chamber of Commerce Bldg., Detroit, propose building 3 story, 90 x 200 ft., rein.-con., brick and stone seminary, on Boston St. and Union Ave., for St. Joseph Seminary. \$200,000.

HIGHLAND PARK, MICH.—Smith, Hinchman & Grylla, Archts., Washington Arcade, Detroit, will prepare plans for 2 story, 315 x 557 ft., rein.-con. and steel factory, on Oakland and Massachusetts Aves, for Maxwell Motor Co., Oakland Ave.

LANSING, MICH.—Hall Lumber Co., Michigan Ave. and Larch St., plans to build 2 story, 50 x 200 ft., rein.-con. and steel mill, on North Larch St.

ST. LOUIS, MICH.—M. E. Hull, Sec., Bd. Educ., is building 2 story, brick, steel and rein.-con., addition in Dist. No. 1. \$50,000. Cowles & Mutscheller, Chase Bldg., Saginaw, Archts.

MINNESOTA

CROOKSTON, MINN.—C. H. Johnson, Archt., Capital Bank Bldg., St. Paul, is building 3 story, 50 x 150 ft., brick dining hall, at State Experimental Farm, here. \$85,000. C. L. Pillsbury Co., Metropolitan Life Bldg., Minneapolis, Engrs.

DULUTH, MINN.—Zenith Telephone Co. is having plans prepared by A. H. Stone, Archt., 601 Endicott Bldg., St. Paul, for building 4 story addition, on 1st Ave. \$75,000.

FERGUS FALLS, MINN.—Ottetail Co. is having plans prepared by Buchner & Orth, Archts., 500 Shubert Bldg., St. Paul, for courthouse and jail. \$400,000.

HIBBING, MINN.—A. Moorman & Co., Archts., Chamber Commerce Bldg., St. Paul, is receiving bids for building 2 story, 105 x 125 ft., bank, for 1st Natl. Bank, 301 3rd Ave. \$150,000. L. C. Newcombe, cashier.

ST. PAUL, MINN.—St. Paul Welding Co., 173 West 3rd St., is having plans prepared by M. A. Wright, Archts., Pittsburgh Bldg., St. Paul, for building 2 story, 36 x 75 ft., brick and concrete, shop, at 173 West 3rd St. \$115,000.

ST. PAUL, MINN.—St. John's Congregation is having plans prepared by Alden & Harris, Archts., Exchange Bank Bldg., for 1 story, 70 x 125 ft., brick and stone, church, on 5th and Forest Sts. \$130,000.

ST. PAUL, MINN.—Buechner & Orth, Archts., Shubert Bldg., has plans for building 5 story, 75 x 100 ft., rein.-con. addition to store on 7th and Robert Sts. for Emporium Co., Robert St., between 7th and 8th Sts. \$150,000.

VIRGINIA, MINN.—W. H. Borgen, Aud. St. Louis Co., is to build 2 story, 85 x 120 ft., rein.-con. and brick courthouse, on 3rd St. \$250,000. Croft & Boerner, Lonsdale Bldg., Duluth, Archts. and Engrs.

MISSOURI

KANSAS CITY, MO.—R. A. Curtis plans to build 4 story, 100 x 120 ft. concrete garage, on Admiral and Grand Sts. \$85,000. Hedrick & Hoff, Interstate Bldg., Engrs.

KANSAS CITY, MO.—A. Whitman, 31st St. and Gilham Rd., plans to build 1 story, 140 x 200 ft., rein.-con. garage. Hedrick & Hoff, Interstate Bldg., Engrs. W. Besecke, Interstate Bldg., Archt.

ST. LOUIS, MO.—J. T. Trumbell, Laclede Bldg., plans to build 4 story, 60 x 130 ft., concrete and brick, store and office building, on Grand Ave. \$60,000.

ST. LOUIS, MO.—Donk Bros. Coal Co., 314 North 4th St., soon receives bids for building 3 story warehouse. \$50,000.

ST. LOUIS, MO.—Scullin Steel Co., 6700 Manchester Rd., soon receives bids for building 2 story, brick, steel and rein.-con. addition to mill, at 1835 Knox St. \$30,000.

MONTANA

HAVRE, MONT.—Havre Natl. Bank plans to build 3 to 5 story, 30 x 140 ft., bank, on 3rd Ave. and 2nd St. \$150,000. A. S. Reth, cashier.

MISSOULA, MONT.—Smead-Simonds Theater Co. plans to build 4 story, 68 x 190 ft. theater on Higgins Ave., to be known as Liberty Theater. \$200,000. O. Bakke, Gibson Bldg., Archt.

PLENTYWOOD, MONT.—County Commissioners have voted to co-operate with the Carnegie interests, looking toward the early construction of a public library.

NEBRASKA

CLAY CENTER, NEB.—Bd. Educ. plans to build 2 story, brick school. \$100,000. W. E. Hulse & Co., Hutchinson, Kan., Archts.

FAIRVIEW, NEB.—Bd. Educ. plans to build 2 story brick school. \$50,000. W. E. Hulse & Co., Hutchinson, Kan., Archts.

NEW JERSEY

JERSEY CITY, N. J.—St. Aloysius Congregation, West Side Ave., plans to build brick school at West Side and Kensington Aves. \$100,000.

RIDGEWOOD, N. J.—City Comrs. plan to build library, to be known as G. I. Pease Memorial Library. \$100,000.

NEW YORK

BROOKLYN, N. Y.—Brooklyn Hebrew Home and Hospital for Aged, Howard and Dumont Aves., soon receives bids for building 4 story, 90 x 100 ft., brick, stone and steel, addition. \$100,000. L. A. Abramson, 220 5th Ave., New York City, Archt.

BROOKLYN, N. Y.—Slee & Bryson, Archts., 154 Montague St., will build 3 story, 65 x 90 ft., brick and steel office, on Jay St. and

Willoughby Ave., for Home Title Insurance Co., Jay and Pearl Sts. \$100,000.

BROOKLYN, N. Y.—Dept. Educ. is having plans prepared by C. B. J. Snyder, Archt., Municipal Bldg., New York City, for P. S. No. 144, 4 story brick and limestone school, on Howard Ave. and Prospect Pl. \$200,000.

BUFFALO, N. Y.—Beaver Co., Beaver Rd., soon lets contract for building 1 story, 144 x 522 ft., mill construction or rein.-con. plant, concrete foundation, on River Rd. \$150,000.

BUFFALO, N. Y.—Niagara Machine & Tool Co., 683 Northland Ave., is having plans prepared by H. E. Plumer, Engr., Ellicott Sq., for 1 story, 90 x 108 ft. addition to assembly and machine shop, brick and steel. \$75,000.

JAMAICA, N. Y.—St. Mary's Hospital, Shelton Ave., is having plans prepared by F. J. Berlenbach, Archt., 260 Graham Ave., Brooklyn, for 5 story, 100 x 150 ft., brick and steel addition. \$250,000.

LONG ISLAND CITY, N. Y.—Bd. Educ., 500 Park Ave., New York City, is having plans prepared by C. B. J. Snyder, Archt., Municipal Bldg., New York City, for 4 story brick and terra cotta school, on Curtis Ave., between Broadway and Belmont Ave. \$200,000.

NEW YORK, N. Y.—A campaign to raise \$10,000,000 is announced by Col. H. A. Guinsburg, Chm. of building campaign committee of United Building Fund of Federated Jewish Institutions. Felix M. Warburg, Pres., Federated Jewish Institutions.

NEW YORK, N. Y.—Amer. Bosch Magneto Corp., 223 West 46th St., plans to build 12 story, 75 x 100 ft., brick, steel and stone factory and salesroom, on 60th St. and Bway, Address J. A. MacMartin, of Am. Bosch Magneto Corp., Springfield, Mass. \$700,000.

NEW YORK, N. Y.—R. G. Cory, Archt. and Engr., 39 Cortlandt St., proposes building 6 story, 75 x 150 ft., brick and rein.-con. factory, for C. Cory Co., 290 Hudson St. \$200,000.

NIAGARA FALLS, N. Y.—City is having preliminary plans prepared by C. R. Phelps, Archt., Gluck Bldg., for 2 story, 60 x 160 ft., rein.-con. and brick school, on 24th St. \$150,000.

OSWEGO, N. Y.—Bd. Pub. Wks. plans to build 2 story rein.-con. high school. \$350,000.

PORT CHESTER, N. Y.—Mint Products Co., Inc., 299 Madison Ave., New York City, had plans prepared by Lockwood, Greene & Co., Archts. and Engrs., 101 Park Ave., New York City, for rein.-con. factory. \$400,000.

SYRACUSE, N. Y.—St. Mary's Maternity Hospital, 128 Spring St., plans to build 2 story, 50 x 125 ft., rein.-con., hospital. \$75,000. J. A. Randall, S. A. & K. Bldg., Archt. and Engr.

NORTH CAROLINA

BELMONT, N. C.—Sterling Spinning Co. will build a \$700,000 plant in Belmont, N. C. J. W. Stowe, Sec.

CHARLOTTE, N. C.—A \$200,000 company has been formed to build a cotton factory at Parkton. J. G. Hughes, Pres.

DURHAM, N. C.—Durham Hosiery Mills plans to build cotton mill. \$2,000,000.

NORTH DAKOTA

BISMARCK, N. D.—First Guarantee Bank is having plans prepared by A. Moorman & Co., Archts., Chamber Commerce Bldg., St. Paul, Minn., for 2 story, 50 x 60 ft., stone bank. \$60,000.

OHIO

CLEVELAND, OHIO.—Chandler Motor Car Co., East 131st St. and St. Clair Ave., is having plans prepared by E. McGeorge, Archt., 1900 Euclid Ave., for 3 story, 80 x 400 ft., rein.-con., steel and brick addition to machine shop. \$200,000.

CLEVELAND, OHIO.—Cleveland Plain Dealer Co., East 6th St. and Superior Ave., plans to build 6 story, 40 x 198 ft., rein.-con., steel and brick addition to publishing plant. \$250,000.

CLEVELAND, OHIO.—Colburn Machine Tool Co., 1041 Ivanhoe Rd., is having plans prepared by G. S. Rider, Archt., Century Bldg., for 1 story, 192 x 238 ft., rein.-con., steel and brick factory. \$100,000.

CLEVELAND, OHIO.—Fulton Fdry. Co., 1209 Marquette Rd., is having plans prepared by Watson Eng. Co., Archts. and Engrs., 1101 Hippodrome Bldg., for 1 story, 100 x 111 ft., rein.-con., steel and brick addition, to foundry, on East 75th St. and Morgan Rd. \$70,000.

CLEVELAND, OHIO.—Martin Barris Co., 2048 West 3rd St., plans to build 2 story, 36 x



Residence Wiring

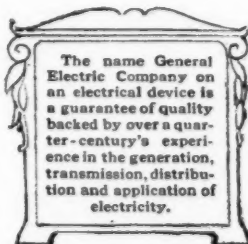
MOST old houses are found to be "underwired," when modern household appliances are introduced. They have not been provided with sufficient outlets, or the wires are not heavy enough to carry this new load.

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165 ft., rein.-con., steel and brick power house and sawmill. \$100,000.

CLEVELAND, OHIO.—A. M. Allen Co., Engrs., 1900 Euclid Ave., is receiving bids for building 10 story, 150 x 225 ft., rein.-con., steel and brick theater and office, on East 15th St. and Euclid Ave., here, for Allen Bros., Richmond St., Toronto, Ont. \$275,000. C. H. Craig, 235 Dime Bank Bldg., Detroit, Mich., Archt.

CLEVELAND HEIGHTS (Cleveland P. O.), OHIO.—Bd. Educ. is receiving bids for 2 story, 100 x 200 ft., rein.-con., steel and brick addition, on Roxboro Rd. \$90,000. F. C. Warner, 767 Hippodrome Bldg., Archt.

CLEVELAND, OHIO.—Republic Stove Co., 1761 East 39th St., is preparing plans for 3 story, 60 x 112 ft., rein.-con., steel and brick factory. \$50,000.

DAYTON, OHIO.—C. F. Sheffer, 221 Northwestern Ave., plans to build 2 story, 70 x 150 ft., rein.-con. and brick, dry cleaning plant, on South Main St. \$25,000.

DAYTON, OHIO.—R. Weisenborn, 710 West 3rd St., plans to build 2 story, 66 x 132 ft., rein.-con. and brick garage and salesroom. \$30,000. G. Wiesenborn, West 3rd St., Archt.

DAYTON, OHIO.—Hubbell & Williamson, 926 Reibold Bldg., soon receive bids for building 2 story, 40 x 125 ft., rein.-con. and brick garage and salesroom, at 109 South Perry St. \$30,000.

DAYTON, OHIO.—Natl. Cash Register Co., Main and K Sts., soon receives bids for building 5-story, 60 x 500 ft., rein.-con. and brick factory, on South Main St. \$1,000,000.

DAYTON, OHIO.—Republic Dayton Motor Sales Co., 132 East 2nd St., plans to build 1-story, 65 x 200 ft. rein.-con. and brick garage and salesroom, on Lehman St., near Main St. \$75,000.

MECHANICSBURG, OHIO.—Bd. Educ. proposes building rein.-con. and brick school. \$75,000. H. C. Gotwald, Gotwald Bldg., Springfield, Archt.

NEW LEXINGTON, OHIO.—R. G. Thackee soon let contract for building 3-story, 64 x 124 ft., fireproof warehouse. \$40,000. O. C. Darst, Brunson Bldg., Columbus, Archt.

PIQUA, OHIO.—Atlas Underwear Co. plans to build 4-story, 80 x 140 ft., rein.-con. and brick factory. \$125,000.

SPRINGFIELD, OHIO.—Knoop Baking Co., Piqua, plans to build 3 story, 60 x 180 ft., rein.-con. and brick baking plant, on Jefferson St. \$75,000.

TOLEDO, OHIO.—Lartowe Milling Co., Rosford, plans to build one 85 x 100 ft., one 85 x 320 ft. and one 85 x 400 ft., rein.-con. and steel warehouses, all 1 story, on East Broadway, here. \$500,000.

TOLEDO, OHIO.—Refrigeration Eng. Co., 301 Nasby Bldg., plans to build factory. \$500,000. F. B. Riley, Pres.

YOUNGSTOWN, OHIO.—Plans are being made for four new buildings for the Municipal Hospital, Youngstown, Ohio, including nurses' home, power building, laundry and service building. The cost of the first building will be \$250,000. The architect is Mr. Charles F. Owsley.

OKLAHOMA

TULSA, OKLA.—Methodist Church plans to build 4 story, 80 x 140 ft., concrete, stone and brick church. Hedrick & Huff, Kansas City, Mo., Engrs. G. Winkler, 414 Palace Bldg., Archt.

TULSA, OKLA.—D. R. Travis, Travis Heights, is having plans prepared by N. B. Fleming, Archt. and Engr., Kennedy Bldg., for building 2 story, 70 x 100 ft., brick and stone club. \$90,000.

TULSA, OKLA.—Tidal Oil Co., 6th and Cheyenne Sts., plans to build 3 story, 65 x 90 ft., rein.-con. office building, at 604 South Cheyenne St. \$50,000.

OREGON

ASTORIA, ORE.—Astoria Apartment Co. soon lets contract for building 3 story, 60 x 200 ft., brick hotel. \$150,000. F. M. White, Chamber Commerce Bldg., Portland, Archt. H. M. McBride, Yeon Bldg., Portland, Pres.

ECHO, ORE.—Bank of Echo plans to build 2 story stone or pressed brick bank on Main and Bonanza Sts. \$50,000. R. B. Stanfield, cashier.

PORTLAND, ORE.—Houghtaling & Dougan, Archts., Henry Bldg., soon let contract for building 4 story, 100 x 120 ft., rein.-con. structure, on Broadway and Everett St., for Mitchell, Lewis & Staver, 346 East Morrison St. \$85,000.

PENNSYLVANIA

AVATON, (Pittsburgh P. O.), PA.—C. Strong, Archt., Union Bank Bldg., soon lets contract for 45 x 120 ft., rein.-con. school, for St. Titus Congregation. \$50,000.

BETHLEHEM, PA.—Presbyterian Church is having plans prepared by C. W. Bolton & Sons, Archts., Witherspoon Bldg., Philadel-

phia, for 1 story, 75 x 120 ft., stone church. \$50,000.

JOHNSTOWN, PA.—Contract has been let for the construction of Conemaugh Valley Memorial Hospital at Johnstown, Pa., which is to have a capacity of 165 beds and is to cost \$460,000. The nurses' home is to have 100 rooms and to cost \$100,000.

PHILADELPHIA, PA.—Pottash Bros. purchased a plot of ground 300 by 400 ft., bounded by Wolf, Ritzer, Swanson and Water Sts., Philadelphia, Pa., on which they will erect a two-story and warehouse covering the entire plot at an estimated cost of \$250,000.

PHILADELPHIA, PA.—Mutual Trust Co., 60th and Ludlow Sts., soon receives bids for building 2 story, brick bank, on 6th and Market Sts. Heacock & Hohansen, 1218 Chestnut St., Archts.

PHILADELPHIA, PA.—H. W. Castor, Archt., 21 South 12th St., plans building 5 story, 80 x 125 ft., brick hospital for Methodist Episcopal Hospital, Broad and Ritzer Sts.

PHILADELPHIA, PA.—Seventh St. Methodist Church, 7th and Norris Sts., is having plans prepared by C. W. Bolton & Sons, Archts., Witherspoon Bldg., for 1 story church, 75 x 120 ft. \$50,000.

PHILADELPHIA, PA.—N. H. Dickinson, Archt., 1705 Chestnut St., is preparing plans for 2 story, 50 x 327 ft., rein.-con. and brick factory on Kensington Ave., for Rockland Hosiery Co., Kensington Ave. and North St.

PHILADELPHIA, PA.—A factory building three stories high, 63 x 241 ft., will be erected by Griffon Company, of Philadelphia, Pa., manufacturer of dress goods.

PITTSBURGH, PA.—Oakland Express & Transfer Co., 229 Atwood St., soon lets contract for building 2 story, 35 x 68 ft. brick storage plant. C. B. Siedler, Lloyd Bldg., Archt.

RHODE ISLAND

CENTRAL FALLS, (Pawtucket P. O.), R. I.—Glendana Silk Mills soon lets contract for building 2 story, 78 x 128 ft., brick and mill construction mill, on Washington St. \$70,000. D. Seabury, 12 East Ave., Pawtucket, Engr.

EAST GREENWICH, R. I.—Greenwich Mills proposes building 4 story, 35 x 100 ft., brick and mill construction addition to mill. \$35,000. T. C. Herrmann, 17 Exchange St., Providence, Archt.

EAST PROVIDENCE (Providence P. O.), R. I.—Industrial Trust Co., 49 Westminster St., Providence, plans to build 1 story bank, 50 x 100 ft., on Warren Ave. and Barrington Parkway. \$50,000.

PROVIDENCE, R. I.—D. M. Watkins Co., 95 Pine St., receives bids about Sept. 29, for building 5 story, 95 x 120 ft., brick and mill construction factory. \$125,000. W. R. Walker & Son, 17 Custom House St., Archts.

WOONSOCKET, R. I.—McClintock & Craig, Engrs., 32 Lyman St., Springfield, Mass., soon let contract for building 1 and 2 story, 90 x 135 ft., brick and mill construction addition to plant, for Gold Mark Knitting Co., 83 Railroad St. \$50,000.

TENNESSEE

CHATTANOOGA, TENN.—The Ross-Meehan Foundries Chattanooga, Tenn., are planning for the erection of a 1-story addition, 130 x 300 ft., to the malleable iron foundry.

CLARKSVILLE, TENN.—Clarksville, Tenn., is to build a \$50,000 memorial hospital. A campaign for funds has proven successful.

KNOXVILLE, TENN.—A hospital to cost over \$100,000 is to be erected on the site of Fort Sanders, Knoxville, Tenn. The architects, Manley & Young, have drawn plans.

MEMPHIS, TENN.—A laboratory to cost \$30,000, to be built on the grounds of the Memphis General Hospital, has been offered that institution by the University of Tennessee.

OBION, TENN.—Obion County Memorial Hospital Association will erect a hospital at a cost of \$100,000.

TEXAS

BEAUMONT, TEX.—Beaumont Hotel Co., Crockett and North Park Sts., plans to build hotel. \$80,000. Mann & Stern, 708 A. O. U. W. Bldg., Little Rock, Archts.

DALLAS, TEX.—Bd. Educ. plans to construct manual training building and gymnasium at Bryan St. High School. \$60,000. Lang & Wittich, Southwestern Life Bldg., Archts.

GEORGETOWN, TEX.—City voted \$100,000 bonds to build high school.

MARSHALL, TEX.—A large Baptist Church to cost \$150,000 will be erected by the Baptist Congregation of Marshall.

RANGER, TEX.—Contractor J. B. Moore took out a permit for an \$80,000 Baptist Church to be erected at Walnut and Mars-

RANGER, TEX.—Methodist Church will erect a new building and parsonage to cost \$125,000 on Elm St.

STRAWN, TEX.—A hotel costing \$200,000 is proposed by H. O. Edge, manager, Chamber of Commerce, Strawn, Tex.

WEATHERFORD, TEX.—Weatherford Hotel Co. plans to build 6 story, 54 x 97 ft., brick hotel. \$100,000. D. S. Castle, Abilene, Archt.

WASHINGTON

CASHMERE, WASH.—Stephen & Stephen, New York Block, Seattle, are preparing plans for a \$35,000 school building for Cashmere.

CHEHALIS, WASH.—Geo. W. Lawson, Alaska Bldg., Seattle, is preparing plans for a \$68,000 training school at Chehalis.

SEATTLE, WASH.—Archt. E. W. Houghton, Lumber Exchange Bldg., has prepared plans for an apartment house at 232 23d Ave., N., for Mrs. Mary A. Neese. Noyes & Howe, Amer. Bank Bldg., have the contract. \$75,000.

SEATTLE, WASH.—Pacific States Motor Truck Co., Securities Bldg., Seattle, will build offices at 3d Ave. and Wall St., designed by Stephen & Stephen, New York Block, Seattle, Archts. \$42,000.

SEATTLE, WASH.—Seattle is working on plans to consolidate the Minor and the Seattle General Hospital, with a fund of \$1,000,000.

SEATTLE, WASH.—Archt. V. W. Voorhees, Eitel Bldg., has perfected plans for a 4 story apartment house, costing \$80,000, to be erected at 11th Ave., facing Volunteer Park. Young & Young, Lumber Exchange Bldg., contractors.

SEATTLE, WASH.—A new move theater will be erected from plans by Archt. A. E. Houghton, Lumber Exchange Bldg., to cost \$75,000.

SPOKANE, WASH.—A project is under way to erect a \$100,000 Lutheran Deaconess Hospital in Spokane, Wash.

WENATCHEE, WASH.—The Wenatchee Hospital Association is planning a new forty-room hospital to cost \$75,000.

WEST VIRGINIA

FAIRMONT, W. VA.—Dreher, Churchman, Paul & Ford, Archts., 1424 Walnut St., Phila., soon lets contract for building 1 story, 280 x 360 ft., brick and concrete factory, for West Virginia Metal Product Co., Fairmont.

WISCONSIN

ABERDEEN, WASH.—State Bd. Control, Olympia, is having preliminary plans prepared for armory, here. State Legislature appropriated \$100,000 for project.

BARTON, WIS.—Stevens Mig. Co. is having plans prepared by J. E. Hennen, Archt., 74 South Main St., Fond du Lac, for building 2 story, 80 x 120 ft., brick, rein.-con. and steel factory, on Main St. \$30,000.

BARTON, WIS.—J. M. Fellenz Co., care J. M. Fellenz, 3021 Carrol Ave., plans to build 2-story, 80 x 128 ft., brick and steel factory, on Main St. here. \$40,000.

CHEHALIS, WASH.—State Bd. Control, Olympia, proposes building concrete or brick gymnasium, at Boys' Training School, here. \$60,000 available for project. J. Zittel, Jameson Bldg., Spokane, Archt.

CLINTONVILLE, WIS.—Topp-Stewart Tractor Co. plans to build 3 story, 80 x 300 ft., brick, rein.-con. and steel factory, on Main St. \$60,000.

FOND DU LAC, WIS.—Galloway-West Co., 24 West Division St., is having plans prepared by M. Tullgren & Sons, Archts., 1st Natl. Bank Bldg., Milwaukee, for 2 story, 80 x 200 ft., rein.-con. and brick creamery and power house.

HOGUE, WASH.—City plans to build 2 or 3 story, brick or stone home for Amer. Legion. \$50,000. N. J. Blagon, care Oray Harbor Mill Co., promoter.

MEMORINE FALLS, WIS.—Bd. Educ. plans to build high school to replace one destroyed by fire. \$70,000. G. B. Rhodes, Supt.

PORT ANGELES, WASH.—Loyal Order of Moose, Lodge No. 991, plans to build 3 story, brick or concrete hall. \$50,000. M. Camp, Sec. W. K. Nattinger, Archt.

SHERBOGAN, WIS.—Security Natl. Bank, 529 North 8th St., plans to build 2 or 3 story bank and office building, 90 x 150 ft., brick, rein.-con. and steel, on Center and 8th Sts. \$70,000.

SHERBOGAN, WIS.—Vollrath Co., West Michigan Ave., is having plans prepared by Brust & Philipp, Archts., 405 Waway, Milwaukee, for building 3 story office building, 80 x 120 ft., brick, rein.-con. and steel, on Michigan Ave. \$55,000.

WEST BEND, WIS.—City plans to build 3 story, 90 x 160 ft., brick, rein.-con. and steel school building, on Main St. \$60,000. Foeller & Schoeber, 123 North Washington St., Green Bay, Archts.

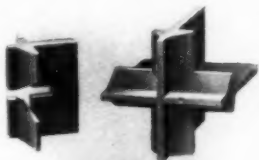
Note These Details of Lupton Factory Sash



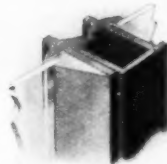
Pulley for top of ventilator using Spring Catch.



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Lupton Joint, showing clean-cut new members.



Double weathering around ventilators.



Spring Catch used with high ventilators.



Clip used with chain or Peg Stay.



Peg Stay folded back with ventilator shut.

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Double weathering all around the ventilators, unbroken by the pivots.

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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.—Birmingham voted following bond issues: \$1,000,000 for high school, \$2,000,000 for erection of grammar schools, \$500,000 for fire department, \$500,000 for city hall, \$500,000 for library.

BIRMINGHAM, ALA.—The Bessemer Board of Education proposes to construct a new high school.

ARIZONA

TUCSON, ARIZ.—Wm. Curlett & Son, 517 Merchants' National Bank Bldg., Los Angeles, have taken new bids for the erection of a two-story and basement theater, apartment and store building at Tucson, Ariz., for the Congress Realty Co.

CALIFORNIA

FRESNO, CAL.—Construction of a twelve-story, terra cotta and reinforced steel frame business building at J and Fresno Sts., Fresno, at a cost of \$400,000, was recently announced by E. Mathewson, Archt., for Mr. A. Mattel, owner of the property.

LOS ANGELES, CAL.—H. M. Patterson, 325 O. T. Johnson Bldg., Los Angeles, has completed plans for the foundation and basement part of the new church building to be erected at Eagle Rock City for the Eagle Rock Presbyterian Church.

LOS ANGELES, CAL.—The Southern California Iron & Steel Co. of Los Angeles will erect a new plant at Huntington Park, to consist of 8 buildings and to cost \$1,750,000. A. C. Denman, Jr., Pres. and Gen. Mgr.

LOS ANGELES, CAL.—Pacific Mutual Life Insurance Co. will build a 12-story office building at 6th St. and Grand Ave., to cost \$2,500,000. W. J. Dodd, Los Angeles, Archt.

LOS ANGELES, CAL.—Los Angeles Railway Co. will erect an 11-story structure at Eleventh St. and Broadway, to cost \$500,000.

LOS ANGELES, CAL.—S. Grauman, care Grauman's Theater, 307 South Broadway, acquired 154 x 204 ft. site on 6th and Hill Sts., and plans to build theater with 150 ft. tower, probably rein-con.

LOS ANGELES, CAL.—Allison & Allison, Hibernian Bldg., Los Angeles, have prepared plans for an addition to the packing house at Santa Paula, owned by the Santa Paula Citrus Assn. The addition will be 100 x 100 feet.

LOS ANGELES, CAL.—Morgan, Walls & Morgan, 1124 Van Nuys Bldg., Los Angeles, are preparing plans for a four-story reinforced concrete commercial garage building to be erected on the southeast corner of Eleventh and Flower Sts., Los Angeles, for Mrs. Susanna H. Van Nuys. The building will be occupied by Mr. W. P. Herbert, distributor of the Cleveland car.

OAKLAND, CAL.—A new mill to cost \$800,000 will be erected by the Pacific Woolen Corporation, Oakland, Cal. It is proposed to have five separate buildings and a concrete wharf 30 x 360 feet.

OAKLAND, CAL.—Clay N. Burrell, Oakland, Archt., reports the following new work: Hotel at Marysville, to cost \$250,000.

One-story brick and steel garage, 80 x 120 feet, Piedmont Ave. and Broadway, Oakland, for Mr. Wm. Greuner, to cost \$24,000.

Garage, 50 x 100, opposite Mosswood Park, on Broadway, Oakland, to cost \$10,000.

Warehouse for the Pacific Wire & Steel Company, at Twenty-sixth Ave. and East Twelfth St., Oakland, to cost \$25,000.

One-story brick and stucco garage at Twenty-ninth St. and Broadway, Oakland, to cost \$11,000.

One-story brick machine shop, 100 x 115 feet, adjoining the Key Route Inn, Oakland, for Mr. C. P. Elliott. Cost \$16,000.

MODESTO, CAL.—A. C. Blumenthal, representing the Pacific Theater & Realty Co. of San Francisco, purchased property on Tenth St., where it is proposed to construct a motion picture theater to cost \$75,000.

SACRAMENTO, CAL.—Sacramento Bank and Ft. Sutter Natl. Bank, to be built at Seventh and R Sts., Sacramento, will be an 18-story structure, designed by Weeks & Day, San Francisco.

SACRAMENTO, CAL.—E. C. Hemmings, Strand Theater Bldg., Sacramento, has prepared plans for a \$15,000 passenger depot to be built at Marysville for the Sacramento Northern Railroad. It will have hollow tile walls and cement exterior.

SACRAMENTO, CAL.—E. C. Hemmings, Archt., with offices in the Strand Theater Bldg., Sacramento, has prepared plans for a \$75,000 reinforced concrete milk plant for the Salinas Valley Dairymen's Association at Soledad, Monterey County, Cal. Contract for the building has been let to the Clinton Construction Company of San Francisco.

SAN FRANCISCO, CAL.—Fireman's Fund Insurance Co., 401 California St., is having plans prepared by L. P. Hobart, Archt., Crocker Bldg., for 3 additional stories to office building on California and Sansome Sts., \$250,000.

SAN FRANCISCO, CAL.—C. O. Clausen, Hearst Bldg., San Francisco, is completing working drawings for a 6-story apartment house to cost \$65,000.

SAN JOSE, CAL.—Plans have been completed for a large dehydrating plant to be erected at the intersection of Race St. and the Southern Pacific tracks, San Jose, by S. J. Spoelstra, at a cost of \$50,000. The architects are William Binder and E. N. Curtis.

COLORADO

COLORADO SPRINGS, COL.—Improvements costing nearly \$75,000 will be made at the Broadmoor Hotel this winter.

DENVER, COL.—Colorado National Bank contemplates the erection of an 11 story building.

DENVER, COL.—H. H. Heiser Co., 7th Ave. and B'way, will build 2 story, 25 x 125 ft., rein-con., steel and brick garage. \$60,000.

DENVER, COL.—Church Trustees of Fourth Christian Science Church soon receive bids for 97 x 140 ft., brick, steel and stone, church, on West Lake Pl. and Grove St. \$75,000. M. H. Hoyt, Colorado Natl. Bank Bldg., Archt.

DENVER, COL.—Beth Hamed-rosh Hagodol Corp. is having plans prepared by Montjoy, French & Frewen, Archts., Chamber of Commerce Bldg., for 2 story, 96 x 130 ft., steel, brick and timber synagogue, on 16th Ave. and Kaylord St. \$100,000.

DENVER, COL.—MacFarland Auto Co., 25 East Colfax Ave., having plans prepared by Montjoy, French & Frewen, Archts., Chamber of Commerce Bldg., for 2 story, 125 x 125 ft. warehouse and garage, on 17th Ave. and Lincoln St. \$150,000.

CONNECTICUT

BRIDGEPORT, CONN.—The Bridgeport Brass Co., Bridgeport, Conn., has prepared plans for an extension to its foundry, estimated to cost \$100,000.

WATERBURY, CONN.—This city contemplates the erection of a new armory.

DELAWARE

WILMINGTON, DEL.—The Harr's Structural Steel Plant, with offices at 1840 Broadway, New York City, contemplates the erection of plant here.

WILMINGTON, DEL.—The Liberty Morocco Co. of Maryland Ave. and Liberty St. contemplates the erection of plant here.

WILMINGTON, DEL.—The project was presented to the Board of Street and Sewer Comrs. by Walter S. Brown of Brown & Whiteside, Archts., for the relief of housing congestion, which provides for building 72 dwellings at a total cost of \$200,000.

FLORIDA

JACKSONVILLE, FLA.—Work will start soon on the construction of a 30-family apartment house for G. L. Miller Co.

JACKSONVILLE, FLA.—The congregation of the Riverside Presbyterian Church plans to erect a church to cost \$150,000.

JACKSONVILLE, FLA.—The State proposes to erect a tuberculosis sanitarium at West Palm Beach soon.

GEORGIA

AMERICUS, GA.—School Bd. voted \$60,000 bonds to build school in Thalean Dist.

ATLANTA, GA.—The Lanham Cotton Cultivator Co. will begin the construction of a plant soon on Murphy Ave., Oakland City.

DUBLIN, GA.—A tobacco warehouse is to be erected in Dublin by the Georgia Warehouse & Compress Co. J. M. Finn, Pres. It is also planned to establish a curing plant.

OCEILA, GA.—A meeting of those interested in the new hotel company have arranged to make plans for the construction of a new hotel to cost about \$25,000.

SAVANNAH, GA.—Plans are being considered for the construction of a 20-story office building for the Progressive Realty Corp., on the Merchant National Bank Bldg. block, bounded by Drayton, St. Julian, Bryan and Abercorn Sts., which will cost about \$1,000,000.

ILLINOIS

ALEDO, ILL.—City is having plans prepared by Whitsitt & Schulzke, Archts., 610 People's Bank Bldg., Moline, for high school here. \$150,000.

BELLEVIEW, ILL.—The Belleville business men will construct a modern theater and hotel building at Main and High Sts.

CHICAGO, ILL.—City having plans prepared by C. W. Kallal, Archt., 1017 City Hall, for stone, concrete and steel engine room and transformer station, on Chicago and Michigan Aves. \$300,000.

CHICAGO, ILL.—L. G. Hallberg & Co., Archts., 116 South Michigan Ave., prepared plans for 2 story, 75 x 125 ft., rein-con. and brick factory, on Diversey Parkway and Western Ave., for Republic Floor Meiers Co., 565 West Washington Blvd. \$130,000.

MOBILE, ILL.—Crandall Transfer & Warehouse Co., 410 16th St., plans to build 4 story, 74 x 120 ft., rein-con. warehouse, on 4th Ave. and 12th St. \$100,000. Whitsitt & Schulzke, 610 People's Bank Bldg., Archts.

MOBILE, ILL.—A new building will be erected for the Crandall Transfer & Warehouse Co. on the north side of Fourth Ave., between 12th and 13th Sts., six stories and basement, of rein. concrete.

ROCKFORD, ILL.—Greenlee Brothers & Co., machinists and founders, Rockford, Ill., will soon commence the construction of a \$30,000 addition which will add between 15,000 and 20,000 square feet of floor space to their present facilities.

SPRINGFIELD, ILL.—Edgar D. Martin, Supervising Archt., has plans for four hospitals for Illinois, to cost \$1,000,000. Address Charles H. Thorne, Director, State Dept. of Public Welfare, Springfield.

URBANA, ILL.—The Board of Trustees of the University of Illinois has appropriated \$100,000 for the erection of a horticultural building here. They also have sanctioned the immediate erection of the McKinley Memorial Hospital.

INDIANA

ANDERSON, IND.—J. C. Kresch, 1109 Meridian St., having plans prepared by McCormick Co., Archts., Century Bldg., Pittsburgh, Pa., for 2 story, 72 x 72 ft., rein-con. factory. \$40,000.

HAMMOND, IND.—Citizens will vote Sept. 10 on the question of issuing \$40,000 worth of bonds for the purpose of building a community park and playground, including library, reading room, etc.

INDIANA HARBOR, IND.—Indiana Home Co. incorporated with a capital stock of \$2,000,000 will erect 2,000 homes for the employees of the Indiana Steel Co.

RICHMOND, IND.—Board of County Commrs. has approved a \$50,000 fund for completing hospital unit of the County Tuberculosis Sanitarium south of the city.

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Creosoted Lumber

Creosoted Piling

Oak, Oak Flooring, Gum

Creosoted, Posts, Poles

Creosoted Wood Blocks

California White Pine

RICHMOND, IND.—A high school building is to be erected here on the west side of Peacock Ave. and W. 7th St., two stories in height. Perkins, Fellows & Hamilton, Chicago, Archts.

RICHMOND, IND.—Plans for the enlargement of the present bank building are being considered by officials of the First National Bank. It is planned to erect a three or four story new building.

WINONA, IND.—A factory to manufacture metal specialties and devices will be erected near Winona Lake Station by Charles W. Royer, this city.

IOWA

DAVENPORT, IOWA.—Universal Tractor Co. will take steps immediately to rebuild their factory, recently destroyed by fire.

DES MOINES, IOWA.—A \$500,000 co-operative ice plant is to be erected in Des Moines by Lieut. W. C. Bowdick, Salvage Dept. of Quartermaster Corps at Camp Dodge.

MARSHALLTOWN, IOWA.—City has voted on the issuance of bonds amounting to \$50,000 for the erection of a new city hall.

KENTUCKY

ASHLAND, KY.—Field Furniture Co. soon lets contract for building 6 story, 30 x 145 ft., concrete and brick, store, on Main St. \$175,000. E. L. Packard, Hayden Bldg., Columbus, O., Archt.

LOUISVILLE, KY.—K. M. Lobred plans to spend approximately \$120,000 for the construction of garage at the intersection of 18th and Hill Sts.

LOUISVILLE, KY.—The Emanuel Baptist Church plans to erect a brick church at 644 S. 10th St., to cost \$34,000.

MAYSVILLE, KY.—Caproni Bros. having plans prepared by C. E. and E. A. Weber, Archts., Miller Bldg., Cincinnati, O., for building 2 story, 74 x 156 ft., rein.-con., brick and steel garage.

LOUISIANA

LAKE CHARLES, LA.—The Louisiana Baptist Orphanage proposes to erect a new orphanage at a cost of \$275,000.

MARYLAND

BALTIMORE, MD.—Williams, Belmont & Co., 8-10 South Howard St., seeking site and plans to build department store. \$250,000. H. Stein, Mgr.

BALTIMORE, MD.—Rice Motors Co., Madison and North Aves., will build 2 story, 140 x 250 ft., rein.-con. and brick garage, on Whitelock and McCulloch Sts. \$100,000. Smith & May, 1133 Calvert Bldg., Archts.

BALTIMORE, MD.—Thermopak Co., Omaha, Neb., seeking site here and plans to build plant. \$150,000.

CASCADE, MD.—Cascade Industries Co. plans to erect 2 factory buildings, one 40 x 100 ft. and one 25 x 35 ft., brick. \$25,000. B. Janson, Mgr.

CUMBERLAND, MD.—Kelly Springfield Tire Co., Akron, Ohio, will build a \$8,000,000 factory.

JESSUPS, MD.—Maryland State Bd. of Prison Control, 701 Union Trust Bldg., Baltimore, plans to alter and build additions to House of Correction, here; steel and brick. \$150,000. R. D. Case, Secy., T. W. Pietsch, 1210 Amer. Bldg., Baltimore, Archt.

MASSACHUSETTS

BOSTON, MASS.—The Union Warehouse Corp., this city, will construct warehouses in various cities in the South.

SPRINGFIELD, MASS.—Bruno Wozug has prepared plans for a \$30,000 structure on Patton St. for the Greek Orthodox Congregation.

MICHIGAN

DETROIT, MICH.—Defteaptape Romane Society is having revised plans prepared by P. J. Rosello, Archt., 406 Congress Bldg., for 2 story, 60 x 118 ft., brick and steel clubhouse, on Farnsworth and Russell Sts. \$65,000.

DETROIT, MICH.—J. J. Barlum, 319 Lincoln Ave., had plans prepared by R. A. Bailey, Archt., 47 Hendricks St., for building 8 story, 30 x 36 ft., rein.-con., brick and steel hotel, on Farmer and John R. Sts. \$90,000.

MINNESOTA

CHISHOLM, MINN.—J. Austin, Mayor, proposes building 2 story, 200 x 100 ft., brick,

rein.-con. and stone community building, on Main St. \$350,000. A. Puck, Torrey Bldg., Duluth, Archt.

CLOQUET, MINN.—O. W. Erickson is having plans prepared by Kelly & Shefchik, Archts., Alworth Bldg., Duluth, for building 1 story, 67 x 119 ft., brick, rein.-con. and steel theater. \$75,000.

DEER CREEK, MINN.—Bd. Educ. is having plans prepared by Foss & Foss, Archts., St. Cloud, for 2 story, 70 x 120 ft., brick and Kasota stone. \$61,000.

HOPKINS, MINN.—Town plans to build community house. \$60,000. W. Hamilton, care Northrup, King & Co., 15th Ave., N.E., interested. C. S. Sedgwick, Lumber Exch., Minneapolis, Archt.

NEWPORT, MINN.—Farmers Terminal Packing Co., 919 Commerce Bldg., St. Paul, is having plans prepared by O. N. Newstrom & Co., Archts., 917 Andrus Bldg., Minneapolis, for building twenty-five 20 x 22 ft. houses for workmen. \$2,200 each. H. Edmunds, Secy.

WEST DULUTH (Duluth P. O.), MINN.—Duluth Showcase Co., West Superior St., Duluth, having plans prepared by A. Puck, Torrey Bldg., Duluth, for factory at 2800 West Superior St. \$150,000.

WILLMAR, MINN.—Willmar Tribune plans to build brick and concrete business block. \$70,000. W. L. Alban, Endicott Bldg., St. Paul, Archt.

MISSOURI

INDEPENDENCE, MO.—Latter Day Sa'n's Congregation, care B. R. McGuire, has acquired site and plans to build community center. \$70,000.

ST. LOUIS, MO.—C. Archibald, Pastor, Goodfellow Methodist Congregation, 1800 Goodfellow Ave., proposes building 90 x 150 ft., stone and brick, church, on Goodfellow Ave. \$60,000. H. M. Gelding, Odd Fellows Bldg., Archt.

ST. LOUIS, MO.—H. Pauk & Sons Mfg. Co., 1321 North 15th St., having plans prepared for 84 x 150 ft. factory and office on 15th and O'Fallon Sts. \$100,000.

ST. LOUIS, MO.—LaBaume & Klein, Archts., Chemical Bldg., propose altering and building brick, steel and rein.-con. addition to Planters Hotel, 4th and Pine Sts. \$200,000.

ST. LOUIS, MO.—Scruggs, Vandevort & Barney, 9th and Olive Sts., plan to build 16 story music hall and alter present store. \$50,000.

WEBSTER GROVES (St. Louis P. O.), MO.—Algonquin Golf Club had preliminary plans prepared for building concrete and brick clubhouse. \$50,000.

MONTANA

GREAT FALLS, MONT.—School Dist. will build Roosevelt Grade School on 2nd Ave., N. and 26th St. \$250,000. Bird & Van Tylingen, 814 1st Natl. Bank Bldg., Archts.

NEW HAMPSHIRE

MANCHESTER, N. H.—Dartmouth College will build a dormitory to house 140 students this fall, it was announced by A. O. Brown, Trustee. The building will cost about \$350,000.

NEW JERSEY

ATLANTIC CITY, N. J.—The Garibaldi Club will erect a new hall for the meeting of Italian societies and lodges. The first unit will cost \$15,000.

ATLANTIC CITY, N. J.—The Packard Motor Car Company of Philadelphia will establish a service station, which will probably be erected in Chelsea within easy reach of the cottage section of Atlantic City and of Ventnor and will involve an expenditure of at least \$200,000.

NEWARK, N. J.—A public garage to cost about \$70,000 is to be built by the estate of Fred Castle at Bloomfield and Mt. Prospect Aves. W. A. Bishop, Engr.

TOMS RIVER, N. J.—E. R. Yoden, chn. bldg. com. Ocean Co., having plans prepared for altering and building 2 and 2½ story, 36 x 36 and 26 x 37 ft., rein.-con. addition to jail, here. \$50,000. T. Stephen, Temple Bldg., Camden, Archt.

TRENTON, N. J.—The Hamilton Rubber Company, Mead and Prince Sts., Trenton, N. J., has increased its capital stock from \$300,000 to \$1,000,000. The company is planning for the erection of a 75 x 75 feet, three-story addition to its mechanical rubber goods manufacturing plant. G. R. Cook is president.

NEW YORK

BROOKLYN, N. Y.—The Coyne & Delany Company, 832 Kent Ave., Brooklyn, N. Y., manufacturer of plumbing supplies, contemplates the erection of a new three-story plant, 50 x 120 feet, at Flushing and Mt. Olivet Aves., to cost \$70,000.

NEW YORK, N. Y.—Consolidated Amusement Enterprises, 2139 8th Ave., having plans prepared by De Rosa & Pereira, Archts. and Engrs., 110 West 40th St., for brick and steel theater, on 9th Ave. and 45th St. \$75,000.

NEW YORK, N. Y.—B. S. Moss, 112 West 42nd St., plans to build brick and steel theater, on Dyckman St. \$200,000. De Rosa & Pereira, 110 West 40th St., Archts. and Engrs.

NEW YORK, N. Y.—A \$19,000,000 building program for the construction of new schools in New York and Brooklyn is under consideration. C. P. J. Snyder, Municipal Bldg., New York, Archt.

NORTH CAROLINA

CHARLOTTE, N. C.—Coca-Cola Bottling Co., 50 West 5th St., plans to build 2 story brick plant on 60 x 180 ft. site. \$100,000.

WILSON, N. C.—Barnes-Harrell Co. plans to build 3 story bottling plant. \$100,000.

OHIO

AKRON, OHIO.—Swirsky & Miller, Peoples Bank Bldg., are remodeling clubhouse into department store for Friedman Bros. \$40,000.

AKRON, OHIO.—A 3 story apartment is being designed by Swirsky & Miller, Peoples Bank Bldg., to cost \$40,000.

AKRON, OHIO.—A community building to include theater, garage, apartments and stores, is in process of planning by Swirsky & Miller, Peoples Bank Bldg.

AKRON, OHIO.—Harpster & Bliss, Central Savings & Trust Bldg., are preparing plans for a warehouse and apartments, on Miller Estate, near Cherry St. \$1,500,000.

CANTON, OHIO.—C. N. Vickary, 314 Market St., plans to build 12 story, 50 x 75 ft., steel and brick store and office. Starrett & Van Vleet, 8 West 40th St., New York City, Archts.

CLEVELAND, OHIO.—R. J. Coach, Leader-News Bldg., plans to build 2 story, 85 x 105 ft., rein.-con., steel and brick garage, on Wade Park and Crawford Rds. \$75,000.

CLEVELAND, OHIO.—Citizens Savings & Trust Co., East 9th St. and Euclid Ave., having plans prepared by Graham, Anderson, Probst & White, Engrs., Ry. Exch. Bldg., Chicago, for 11 story bank, 140 x 200 ft., rein.-con., steel and brick, here. \$8,000,000.

CLEVELAND, OHIO.—C. H. Sneider Co., 72 Wymore St., is having plans prepared by G. B. Post & Son, Archts., 1109 Schofield Bldg., for 4 story, 80 x 279 ft., rein.-con., steel and brick building, at 10022 Euclid Ave. \$150,000.

CLEVELAND, OHIO.—H. P. McIntosh, Euclid Ave., plans to build 3 story, 70 x 135 ft., rein.-con., steel and brick office addition. \$150,000.

CLEVELAND, OHIO.—Schauffer Training School, 5111 Fowler Ave., plans to build 1 story, 41 x 105 ft., rein.-con., steel and brick chapel, on Broadway Ave. \$60,000.

CLEVELAND, OHIO.—F. A. Foyle, Schofield Bldg., plans to build 6 story, 88 x 100 ft., rein.-con., steel and brick building, on East 13th St. and Chester Ave. \$50,000.

CLEVELAND, OHIO.—G. D. Koch & Sons Co., 10300 Euclid Ave., having plans prepared by Serv. Constr. Co., Archts., 6110 Euclid Ave., for 3 story, 90 x 200 ft., rein.-con., steel and brick, commercial building, at 10007 Euclid Ave. \$100,000.

COLUMBUS, OHIO.—Allen Motor Car Co. plans to build 1 story, 140 x 500 ft., steel and brick factory, on Dublin Ave. \$85,000. F. L. Packard, Hayden Bldg., Archt.

COLUMBUS, OHIO.—Oldsmobile Co., 177 East State St., having plans prepared by W. S. Ferguson, Engr., 1900 Euclid Ave., Cleveland, for 2 story, 43 x 187 ft., steel and concrete, service station and salesroom, on Broad St. \$115,000.

DAYTON, OHIO.—Duck & Oakes, Kiser St., plans to build 2 story, 55 x 120 ft., rein.-con. and brick factory, on Kiser and Wamum Sts. \$25,000.

SPRINGFIELD, OHIO.—Ridgely Trimmer Co., Kenton St., will build 2 story, 60 x 152 ft., concrete and steel factory. \$30,000. R. C. Gotwald, 54 Gotwald Bldg., Archt.

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DONALD GAYN PHONE MAIN 208

July 1st, 1919.

The Donley Bros Company,
East 74th street and Aetna Road,
City

Gentlemen:-

In the spring of 1919, we had occasion to remodel the Banger Building at 924 Prospect avenue, this city, which was built in 1892.

In the course of operation we had to disturb the plaster and lath on the first floor ceiling which we found out to be lathed with Bostwick Metal Lath. I wish to inform you that we found the lath in a wonderful state of preservation and after removing all the plaster off the lath, replastered on the original lath.

Yours very truly,
James W. Donald
Luft

In Use 27 Years

*Building Remodeled in 1919
and Replastered on the Original Lath*

—THE—
BOSTWICK STEEL LATH CO.
NILES, OHIO

OKLAHOMA

DUNCAN, OKLA.—Comrs. Stephens Co. plan election to vote on \$150,000 bonds to build courthouse and jail.

FAIRFAX, OKLA.—City will vote on \$50,000 bonds to build new city hall.

PAULO VALLEY, OKLA.—Garvin Co. will vote on \$95,000 bonds to build memorial hospital.

TULSA, OKLA.—Eastern capitalists of New York and Baltimore had plans prepared by Schumacher & Atkinson, Archts. and Engrs., 816 Mayo Bldg., for 10 story, 75 x 140 ft., brick and rein.-con. hotel, on Main St., south of 4th St. \$1,000,000.

TULSA, OKLA.—Tulsa Masons, care M. C. Hale, plan to build 3 story temple, 75 x 140 ft., brick, on 7th and Boston Sts. \$250,000.

OREGON

ALBANY, ORE.—Pfeiffer Estate plans to build 2 story, 90 x 102 ft., brick garage, on Old Albany Livery Barn site. \$50,000. C. H. Murphy, Mgr. Day Motor Co., lessee.

KLAMATH FALLS, ORE.—Klamath Co. plans to remodel and build 2 story brick or stone courthouse in Hot Springs addition. \$175,000. A. F. Heide, Klamath Falls, Archt.

PORTLAND, ORE.—E. E. McClaran, Archt., Lumber Exchange Bldg., Portland, Ore., has completed plans for the erection of three buildings, two of which are to be built at Klamath Falls and the other at Goldendale, Wash. The larger of the buildings is to be a three-story brick hospital at Klamath Falls for Dr. Warren Hunt.

PORTLAND, ORE.—The present Seaside Hotel, Portland, Ore., after it has undergone a complete remodeling, is to be but one wing of an "E" shaped structure to be erected at a cost of \$300,000 by the Seaside Hotel Corporation. Johnson & Parker, Archts., U. S. Bank Bldg., Portland, have completed the drawings for the structure, which is to be one of the finest beach hotels north of California.

PORTLAND, ORE.—Honeyman Hardware Co., 9th and Hoyt Sts., having plans prepared by D. L. Williams, Archt., Chamber of Commerce Bldg., for 1 story, 100 x 100 ft., and 2 story, 100 x 100 ft., additions to hardware houses, brick. \$50,000 each.

PENNSYLVANIA

MIDLAND, PA.—Crucible Steel Co. proposes building 5 story, 50 x 180 ft., rein.-con. and brick office, on Railroad Lane and 7th St.

PHILADELPHIA, PA.—The Algernon Roberts property at the northwest corner of 19th and Walnut Sts. has been sold to a company which will erect an 18-story apartment house at a cost of about \$1,000,000.

PITTSBURGH, PA.—E. R. Lee, Archt., Chamber of Commerce Bldg., soon lets contract for constructing 4 story, 81 x 120 ft., steel and brick building, on Center and Francis Sts., for Y. M. C. A. \$100,000.

RHODE ISLAND

PROVIDENCE, R. I.—Plans for the complete remodeling of the old Federal Bldg., Custom House and Weybosset Sts., have been received by Collector of Customs Frank E. Fitzsimmons, Custodian of the Federal Building here.

SOUTH CAROLINA

GREENVILLE, S. C.—The Chester M. Good-year Co. will establish a cotton waste plant, costing \$40,000, near here.

SOUTH DAKOTA

CLEAR LAKE, S. D.—Clear Lake Bldg. Co. is having plans prepared by U. L. Freed, Archt., Watertown, for 3 story, 35 x 90 ft., brick and stone hotel. \$60,000.

FREEMAN, S. D.—A new school building is to be constructed in Freeman at a cost of \$70,000. Address Bd. of Education.

TENNESSEE

CHATTANOOGA, TENN.—It is planned to erect four buildings for the Board of Education at a total cost of \$725,000. R. H. Hunt & Bros. will erect at the Wyatt School at a cost of \$300,000 and the Ridgedale School at a cost of \$119,000.

DYERSBURG, TENN.—Methodist Episcopal Congregation had plans prepared by Mahan & Broadwell, Archts., Germania Bank Bldg., Memphis for 75 x 200 ft., concrete and brick, church. \$150,000.

KNOXVILLE, TENN.—The Cherokee Spinning Company is preparing to erect a \$300,000 addition to its already large plant here.

LOUISVILLE, TENN.—An ordinance to issue notes for \$200,000 to erect new schools and build additions to every school in this city has been passed.

TEXAS

DALLAS, TEX.—A large two-story warehouse and garage is to be erected at the northwest corner of Park Ave. and Marilla St. by the Dallas Power & Light Co.

DALLAS, TEX.—A 7-story addition to the building of Higginbotham, Bailey, Logan Co. is contemplated on Jackson and Lamar Sts. W. L. Logan, Sec. \$350,000.

DALLAS, TEX.—The Stone Baking Company is to enlarge its plant at a cost of \$150,000. New addition will be built to the building at McKinney Ave. and Phelps St., and will be equipped with modern machinery.

DALLAS, TEX.—The construction of a theater costing \$500,000 is planned by the S. A. Lynch motion picture interests. The building will be erected on the northeast corner of Elm and Akard Sts.

ENNIS, TEX.—Tabernacle Baptist Congregation plans to build new church. \$75,000.

FORT WORTH, TEX.—Refineries to cost \$3,750,000 are contemplated by the National Refineries of America. Allen B. Reynolds of Los Angeles, President.

STEPHENVILLE, TEX.—First Baptist Congregation plans to build church. \$75,000.

UTAH

SALT LAKE CITY, UTAH.—School Bd. receives bids about Sept. 8 for building 1 story, 66 x 100 ft., brick addition to Franklin School. \$60,000. Scott & Welch, Dooley Bldg., Archts. and Engrs.

WASHINGTON

SEATTLE, WASH.—The Medical Building Co. contemplates the construction of a 9-story office building for the exclusive use of physicians and surgeons on the southwest corner of Madison and Boren Ave.

SEATTLE, WASH.—An apartment building is to be erected on the site facing Volunteer Park on Capital Hill at 11th Ave., N., and Federal St., for the real estate firm of Young & Young, Lumber Exchange Bldg.

SEATTLE, WASH.—A new building is to be erected for the J. S. Graham Co. on southwest corner of 100th Ave. and Pine St. for the sum of \$250,000.

SEATTLE, WASH.—M. Young, care Young & Young, Real Estate Co., Lumber Exch. Bldg., is having plans prepared by V. W. Voorhees, Archt., Eitel Bldg., for 3 story, brick hotel, on Capital Hill, 11th Ave. and Federal St. \$80,000.

WALLA WALLA, WASH.—It is planned to spend approximately \$30,000 in rehabilitating St. Patrick's Church.

YAKIMA, WASH.—Yakima Valley Bank is having plans prepared by A. E. Doyle, Archt., Worcester Bldg., Portland, Ore., for 2 story terra cotta and marble bank. \$85,000.

WEST VIRGINIA

CHARLESTON, W. VA.—City voted \$1,000,000 bonds to build new city hall, central fire station and 3 sub-stations, also build sewers and pave various streets. E. Bruce, Charleston, Engr.

CHARLESTON, W. VA.—Abney Barnes & Co., 812-18 Virginia St., having plans prepared by C. H. Higgins, Archt., 10 West 44th St., New York, for 7 story, 100 x 150 ft., rein.-con., steel and brick mercantile building, on Virginia and McFarland Sts.

HUNTINGTON, W. VA.—Morrison Co., 831-833 4th Ave., plans to construct 4 story, 45 x 200 ft., fireproof store building. Cost between \$60,000 and \$80,000. F. B. Starcher, Pres.

HUNTINGTON, W. VA.—C. C. Hayward and others, Ironton, O., plan to build brick plant on 16th St. Rd., here. \$200,000.

WELLSBURG, W. VA.—Wellsburg Light & Power Co. plans to rebuild plant destroyed by fire. \$100,000.

WELLSBURG, W. VA.—The city will give the sum of \$70,000 for the erection of new steel plant of Follansbee Bros. Co., which will cost \$3,000,000.

WISCONSIN

LOMIRA, WIS.—Lomira Furniture Co. plans to build 2 story, 85 x 150 ft., brick, rein.-con. and steel factory, on Main St. \$40,000.

MANITOWOC, WIS.—Presbyterian Church plans to build 2 story, brick, rein.-con. and tile church, on 24th St. \$60,000.

MILWAUKEE, WIS.—An appropriation of \$70,000 for the construction of a bathhouse at South Shore Beach will be asked of the Common Council by Commr. of Public Works Percy Ruman.

MILWAUKEE, WIS.—Downing Paper Box Co., 3rd St. and Vienna Ave., plans to build 120 x 300 ft. addition to factory. \$40,000.

PACKWAUKEE, WIS.—Creamer Memorial Institute, 200-204 Grand Ave., Milwaukee, is having plans prepared by Kaches & Pfaller, Archts. and Engrs., 634 Merchants and Manufacturers' Bank Bldg., Milwaukee, for building 3 story, 80 x 100 ft., rein.-con. sanitarium and power plant, here. \$100,000.

RACINE, WIS.—The City Hall is to be improved at a cost of approximately \$75,000.

RACINE, WIS.—George W. Jaegers, head of the Comet Automobile Co., of Decatur, Ill., proposes to organize a new concern to have its factory in Racine.

RHINELANDER, WIS.—An addition will be built to the plant of the Wisconsin Veneer Co. in this city.

RICE LAKE, WIS.—Inderrieden Canning Co. plans to build 2 or 3 story, 36 x 160 ft., brick, rein.-con. and steel factory, on Main St. \$45,000.

STITZER, WIS.—Stitzer State Bank plans to build 2 story, brick, rein.-con. and steel, brick foundation, on Main St. \$50,000.

SHERBOGAN, WIS.—Globe Co., 824 Pennsylvania Ave., plans to build 1 story, 90 x 150 ft., brick foundry, on Pennsylvania Ave. \$25,000.

SPARTA, WIS.—Interstate Milk Products Co., Madison, having plans prepared by F. L. Kronenberg, Archt., Carroll Bldg., Madison, for building 3 story, 50 x 75 ft., brick, condenser, hollow tile and steel, here. \$75,000.

STANLEY, WIS.—Big Four Canning Co. plans to build 2 story, 72 x 180 ft., brick, rein.-con. and steel, factory, on Main St. \$40,000. J. Lange, Pres.

WYOMING

CHEYENNE, WYO.—State Highway Dept. will build a warehouse and loading platform in Park Addition, between the Colorado & Southern tracks and those of the Cheyenne Electric Railway Co.

CHEYENNE, WYO.—Bd. Educ. plans to build high school. \$150,000. A. S. Jessup, Supt.

GILLETTE, WYO.—A modern high school is to be erected at Gillette for the County of Campbell.

THERMOPOLIS, WYO.—Bereleos & Brahms will build 3 story, 60 x 140 ft., theater and office. \$87,000. Link & Haire, 317 Electric Bldg., Billings, Mont., Archt.



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BUILDING NEWS

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ARIZONA

CHANDLER, ARIZ.—Board of School Trustees will soon take bids on a 2-story brick high school to include administration, commercial science and domestic science department. Allison & Allison, Hibernian Bldg., Los Angeles, architects. \$125,000.

CALIFORNIA

LONG BEACH, CAL.—City plans election to vote on \$150,000 bonds to build addition to high school and \$340,000 bonds to build two 10-room grade schools and 8-room additions to 2 grade schools, etc. G. W. Scott, Secy.

LONG BEACH, CAL.—City voted \$400,000 bonds to build city hall.

LONG BEACH, CAL.—Austin & Mayberry, Architects, 468 Pacific Electric Bldg., Los Angeles, receives bids about November for constructing 3 story, 90 x 150 ft., brick building, on American Ave., here, for Y. M. C. A. \$150,000.

LOS ANGELES, CAL.—Dr. Elmer E. Stone of San Francisco has purchased a plot here on which he plans to erect a large natatorium.

NORWALK, CAL.—State Bd. Control, Sacramento, having plans prepared for improvements at State Hospital, here, as follows: cottages for patients, \$150,000; officers' quarters and dining room, \$45,000; steel water tower and tank, \$20,000. W. F. McClure, State Engr.

OAKWOOD (Oxford P. O.), CAL.—Bd. Educ. proposes building 2 story, rein.-con., brick and steel, school, \$230,000. Van Leyen, Schilling & Keough, Union Trust Bldg., Detroit, Architects.

OAKLAND, CAL.—A. Davie, Mayor, appointed War Memorial Com. and plans to build memorial building near Lake Merritt, for soldiers and sailors. \$350,000.

RICHMOND, CAL.—Mechanics Bank of Richmond plans to build 1 story, 45 x 80 ft., bank, \$60,000. A. Dowder, Pres.

SACRAMENTO, CAL.—Virden Packing Co., capitalized at \$5,000,000, will construct an immense plant. First unit to cost \$1,000,000.

SACRAMENTO, CAL.—Weinstock, Lubin & Co. will erect a 10 story addition to their store at L St. between 8th and 9th. \$250,000.

SACRAMENTO, CAL.—California State Rice Mills has approved plans for warehouses and other extensions to the plant on the west bank of the Sacramento River. \$250,000.

SAN FRANCISCO, CAL.—A. H. Knoll is architect for 3 story frame apartment house on Commonwealth Ave. and Geary St. to cost \$46,000. O. E. Anderson, 40 Alameda Terrace, owner.

SACRAMENTO, CAL.—California Packing Corporation has decided upon plans for new buildings and improvements upon its plant at 2nd and P Sts., entailing an investment of \$800,000.

SACRAMENTO, CAL.—Plans are being prepared for remodeling the Post Office Building at a cost of \$60,000. Address James Weimore, Supervising Archt., Treasury Dept., Washington, D. C.

SACRAMENTO, CAL.—Plans for the erection of a 12-story department store building at 6th and K Sts. were announced recently by L. F. Brenner, Pres. and Gen. Mgr. of the John Brenner Co., dealers in furniture and housefurnishings. The improvement, exclusive of fixtures, will represent an outlay of \$750,000. The building will have steel frame, concrete floors and terra cotta front. E. C. Hemming, local architect, has drawn the plans.

SANTA ROSA, CAL.—Santa Rosa Savings Bank having plans prepared by Reed & Corlett, Architects, Bank of Savings Bldg., Oakland, for 1 story rein.-con. and terra cotta bank and store. \$75,000.

TORRANCE, CAL.—Southern California Edison Co., Edison Bldg., Los Angeles, let contract for building 3 story, 54 x 142 ft., rein.-con., electrical sub-station, to K. R. Bradley, 1925 East 16th St., Los Angeles. \$60,000.

VENTURA, CAL.—State Bd. Control, Sacramento, having plans prepared for improvements to California School for Girls, here, as follows: cottages, \$110,000; farm buildings, \$5,000, and ground improvements, \$5,000. W. F. McClure, State Engr.

WHITTIER, CAL.—State Bd. Control, Sacramento, having plans prepared for improvements to State School for Boys, here, as follows: buildings, \$64,000; repairs and equipment, \$28,500. W. F. McClure, State Engr.

COLORADO

DENVER, COL.—W. H. J. Edbrooke, Archt., Tabor Opera House, has designed 4 story, 50 x 125 ft., rein.-con. and brick publishing house, for Denver Post Printing & Publishing Co., 1544 Champa St. \$150,000.

CONNECTICUT

BRIDGEPORT, CONN.—First German-English Evangelical Lutheran Zion Congregation, Grand St., having plans prepared by F. H. Beckwith, Archt., Post Office Arcade, for altering and building addition to church and school, on Grand and Catherine Sts. \$50,000.

BRIDGEPORT, CONN.—University Club, 232 Golden Hill St., plans to build clubhouse on Golden Hill St. \$100,000.

Bristol, CONN.—B. P. O. Elks, 126 South St., having plans prepared by E. H. Waterbury, Archt., 60 Main St., Torrington, for 2 story brick and concrete addition, to include lodge room, social hall, bowling alleys and billiard room. \$50,000.

GREENWICH, CONN.—Ground has been broken for the new million dollar Pickwick Arms at Boston Post Rd. and Greenwich Ave. Fred F. French Co., Madison Ave., New York, Architects.

NEW HAVEN, CONN.—S. Sessa, 380 Crown St., will soon receive bids for building a 1-story brick, steel and concrete garage at George & Park Sts. Cost about \$28,000.

NORWALK, CONN.—The Norwalk Tire & Rubber Co. is having plans drawn for a new factory building to be erected here. The structure will be of concrete, 6 stories, 80 x 128 ft.

STORRS (Eagleville P. O.), CONN.—State Bd. Control, Hartford, plans to build temporary frame dormitory at Connecticut Agricultural College, here, to be used until permanent ones can be erected. \$60,000.

THAMESVILLE (Norwich P. O.), CONN.—Cudworth & Thompson, Architects, Thayer Bldg., Norwich, soon receive bids for building 3 story, 40 x 80 ft., rein.-con., addition to plant, for Norwich Woolen Co. \$25,000.

WATERBURY, CONN.—F. A. Webster, Archt., 51 West Main St., soon receives bids for 1 story, 50 x 50 ft. shop; 2 story, 50 x 120 ft. foundry; and 1 story, 100 x 100 ft., storage plant; all brick; on Railroad Hill, for Manufacturers Fdry Co. \$60,000.

WATERBURY, CONN.—State Legislature, Capitol, Hartford, Conn., plans to build armory on Field St. here. \$400,000. Address L. F. Burpee, State Capitol, Hartford.

WATERBURY, CONN.—Morr's Plan Co., 68 Center St., having plans prepared by F. A. Webster, Archt., 51 West Main St., for 3 story brick and concrete bank and office, on Grand St. \$50,000.

WATERBURY, CONN.—St. Mary's Hospital, Franklin St., had plans prepared by L. A. Walsh, Archt., 51 Leavenworth St., for 2 story brick and steel addition, on Cole St. \$40,000.

WINNIPACK (Norwich P. O.), CONN.—Monks & Johnson, Engrs., 78 Devonshire St., Boston, Mass., receive bids about Sept. 15, for building 6 story, 80 x 130 ft. addition to factory, near State Rd., brick and rein.-con., rein.-con. flooring, concrete foundation, for Norwalk Tire & Rubber Co. About \$100,000. Noted Aug. 28.

DELAWARE

WILMINGTON, DEL.—Plans are going forward rapidly for the erection of the new home of the Wilmington Lodge of Elks at Delaware Ave. and Washington St. The plans are being supervised by Prof. Laird, head of the Dept. of Architecture of the University of Pennsylvania.

GEORGIA

ROME, GA.—The Fairbanks Co. will expend \$100,000 to increase its facilities for the manufacture of wheelbarrows, trucks and similar products. The additions will include a 1-story brick and concrete building.

IDAH0

JEROME, IDAHO.—Plans are being drawn by Wayland & Fennell, Architects, Idaho Bldg., Boise Idaho, for the center unit of the new school building at Jerome, which is to be started this fall. Of the \$115,000 bond issue recently provided, two \$15,000 buildings will be built in the district and \$75,000 will be expended on what will eventually be a \$120,000 school building.

ILLINOIS

ALTON, ILL.—Dickens Hotel & Bldg. Corp. plans to build 14 story, brick, concrete and steel theater and hotel, on Main and High Sts. \$200,000. H. B. Wangelin, Pres.

ALTON, ILL.—Bd. Pub. Serv. soon receives bids for brick and concrete courthouse and city hall building. \$588,000.

CHICAGO, ILL.—Westerlin & Campbell Co., 26 North Clinton St., receiving bids for 1 and 2 story, 56 x 125 ft. and 75 x 125 ft., brick and concrete factory, on Seminary and Cornelia Aves. \$50,000. L. Leble, 38 South Dearborn St., Archt.

CHICAGO, ILL.—Balaban & Katz., 3525 West 12th St., having preliminary plans prepared by C. W. and G. L. Rupp, Architects, 190 North State St., for 2 story, 160 x 170 ft., rein.-con. and steel theater, on State and Lake Sts. \$1,500,000.

CHICAGO, ILL.—L. G. Hallberg & Co., Architects, 116 South Michigan Ave., soon receive bids for building 2 story, 250 x 400 ft., rein.-con. and brick factory, on Oh'o St. and Spaulding Ave., for Wilson-Jones Loose Leaf Co., 3023 Carroll Ave. \$400,000.

EAST ST. LOUIS, ILL.—Soldiers, Sailors and Marines Memorial Ass'n having plans prepared for memorial building. \$100,000. Address L. Browning, Secy.

INDIANA

EVANSVILLE, IND.—The Evansville Top & Panel Co. has accepted plans of Russ & Karges, Indianapolis, for two brick and steel factory buildings, 60 x 240 ft. and 60 x 480 ft., respectively. The buildings will cost in excess of \$60,000.

INDIANAPOLIS, IND.—The Wheeler-Schebler Carburizer Co. has acquired ground at Sanders St. and Barth Ave. and will erect three factory buildings at a cost of \$100,000. One building is to be 132 x 108 ft., 2 stories and basement, of fireproof construction. Two smaller buildings will be 20 x 50 ft.

VALPARAISO, IND.—T. L. Condran Co., Engr., 53 West Jackson St., Chicago, proposes building 3 story, 35 x 260 ft., rein.-con. and brick factory, for McGill Mfg. Co. \$150,000.

KANSAS

ELDOREDO, KAN.—City, care L. E. Foley, City Clk., will build 2 story, 75 x 135 ft., rein.-con., steel and brick memorial. \$100,000. G. P. Washburn & Sons, Ottawa, Architects.

HAVEN, KAN.—Bd. Educ. having plans prepared by Mann & Gerow, Architects, Hutchinson, for building 2 story, concrete, steel and brick school. \$60,000.

NORWICH, KAN.—Bd. Educ. having plans prepared by Mann & Gerow, Architects, Hutchinson, for 2 story, rein.-con., steel and brick school. \$60,000.

OTTAWA, KAN.—City will build 2 story, 75 x 130 ft., rein.-con., steel and brick auditorium. \$90,000. G. P. Washburn & Sons, Ottawa, Architects.

LOUISIANA

NEW ORLEANS, LA.—Dixie Brewing Co., 2401 Tulane St., let contract for building 2 story, 60 x 110 ft., brewery, to G. E. and E. E. Reimann & Co., Lopez and Bandin Sts. \$65,000.

MARYLAND

BALTIMORE, MD.—F. S. Whitten, Pres., Columbia Graphophone Mfg. Co. of Hartford, Conn., proposes an investment of \$1,500,000 for a large plant. Sites in Baltimore are contemplated.

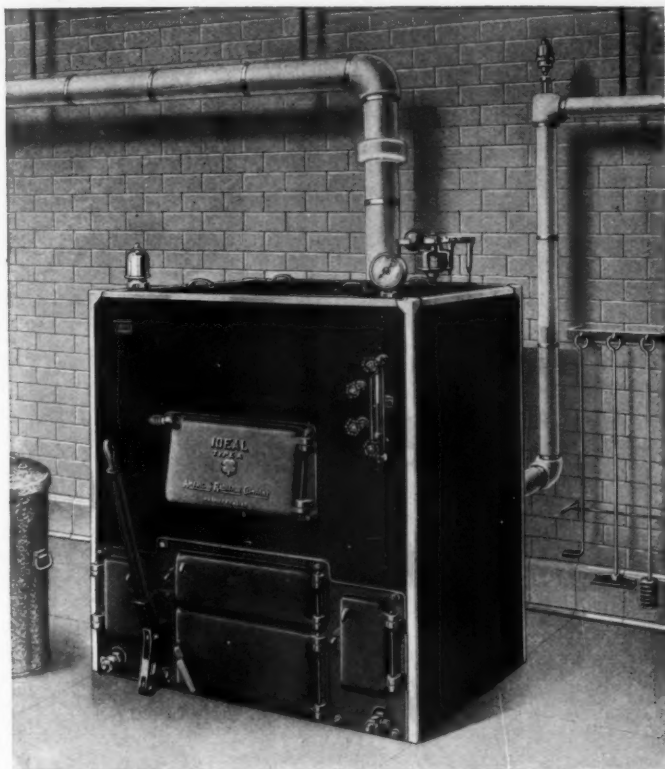
BALTIMORE, MD.—Natl. Exch. Bank, Baltimore and Liberty Sts., having plans prepared by J. E. Sperry, Archt., 469 Calvert Bldg., for remodeling and building 2 story, 40 x 80 x 80 ft., tile and marble addition. About \$100,000.

BALTIMORE, MD.—Bernheimer Bros., 302-6 West Fayette St., plan to build 12 story, 40 x 70 ft., concrete and brick addition. \$75,000.

CURTIS BAY (Baltimore P. O.), MD.—Industrial Bank of Baltimore, Munsey Bldg., Baltimore and others, plan to build bank opposite Curtis Bay Hotel. \$50,000. J. H. Preston, Pres.

CURTIS BAY (Baltimore P. O.), MD.—U. S. Industrial Alcohol Co. let contract for building 1 and 2 story, rein.-con., addition to plant to G. A. Fuller Co., 419 Amer. Bldg., Baltimore. \$300,000.

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MASSACHUSETTS

AMHERST, MASS.—Massachusetts Agricultural College is having plans prepared by J. Ritchie, architect, 8 Beacon St., Boston, for a 2-story Memorial Building, 60 x 100 ft., to be located on the College Campus. Cost \$150,000.

CAMBRIDGE, MASS.—A new post office is to be erected on Beattle St., designed in harmony with the surrounding Harvard University buildings. According to the plans, as prepared by George Jacob, 6 Beacon St., Boston, the building will have a frontage of 71 ft. and a depth of 110 ft. The front will be of tapestry brick with limestone trimmings.

FALL RIVER, MASS.—The New England Oil Refining Co. have let a contract to the Abertaw Construction Co., both of Boston, to build a complete refinery at Fall River, to cost \$350,000. Garage and office buildings are included in the project.

MICHIGAN

BAY CITY, MICH.—Bd. Educ. having plans prepared by Pratt, Bickel & Campbell, Architects, 514 Crapo Bldg., and Perkins, Fellows & Hamilton, 814 Tower Court, Chicago, Architects, for 3 story, rein-con., steel, brick and stone high school, on Columbus Ave. \$1,000,000.

DETROIT, MICH.—H. S. Angell, Archt., Free Press Bldg., is receiving bids for 3 story, 26 x 100 ft., brick, stone and steel factory, for Michigan Cut Flower Exch., Randolph St. and Gratiot Ave. \$40,000.

DETROIT, MICH.—H. H. Lane, Engr., Dime Bank Bldg., is receiving bids for 2 story, 60 x 75 ft., rein-con. and steel bakery, on 4th and Labrosse Sts., for Detroit Baking Co., 4th St. and Michigan Ave. \$30,000.

GRAND RAPIDS, MICH.—Grand Rapids Tuberculosis Hospital having plans prepared by Robinson & Campbell, Architects, Grand Rapids, for hospital group, consisting of 4 story, 50 x 120 ft., main building, and 2 story, 50 x 100 ft., home for nurses, rein-con., steel and brick. \$400,000.

HAMTAMACK, MICH.—Raseman & Freier, Architects, 1302 Penobscot Bldg., Detroit, are preparing plans for 4 story, 100 x 200 ft., rein-con., steel and brick factory. \$200,000.

JACKSON, MICH.—W. W. Bradfield, Engr. and H. L. Mead, Archt., Grand Rapids, have plans for building 5 story, 133 x 265 ft., rein-con., steel and brick factory, for Michigan Seating Co., East Washington St. Owosso, Mich., J. H. Robbins, member of the Board of Memorial Hospital Trustees announces that plans are being drawn and work would be pushed as fast as possible on the new memorial hospital.

MINNESOTA

DULUTH, MINN.—Anthony Puck has prepared plans for a 75 x 280 ft. addition to the factory of the Duluth Showcase Co. on 49th Ave., West. \$175,000.

DULUTH, MINN.—R. A. Ostrom, Mgr., Duluth Showcase Co., 2800 West Superior St., proposes building 3 story, 75 x 280 ft., concrete, brick and steel factory, on 49th Ave., W. \$75,000. A. Puck, Tarrey Bldg., Archt.

MINNEAPOLIS, MINN.—Eagle Foundry Co., 26th St. S. E., will build a 1-story brick and steel foundry, 65 x 120 ft., to cost \$50,000. H. S. Aleson, engineer, 3055-15th Ave. S.

MINNEAPOLIS, MINN.—Berman Bros., 227 North 1st St., will build 4 story, 84 x 105 ft., warehouse on 9th Ave. and 3rd St. Pike & Cook, 615 South 5th St., have contract. \$82,000.

MINNEAPOLIS, MINN.—Northwestern Catalogue Co., 800 Phoenix Bldg., will erect 4 story, 100 x 100 ft., rein-con. and brick warehouse. \$100,000. Long, Lamoreaux & Long, 1028 Andrus Bldg., Architects.

NOPEMING, MINN.—A. L. Laird, Secy., St. Lou's Co. Tuberculosis Comm., proposes building 4 story, 45 x 350 ft., rein-con., brick and steel infirmary. \$240,000. Holstead & Sullivan, Palladio Bldg., Duluth, Architects and Engrs.

THIEF RIVER FALLS, MINN.—First and Peoples State Bank will build 2 story bank and 1 story store, rein-con. and brick. \$52,000. Sund & Dunham, Essex Bldg., Minneapoli, Architects.

VIRGINIA, MINN.—A. W. Kerr & Co., Architects, Virginia, Minn., are preparing plans for Barrett Bros. for a 2-story concrete and brick warehouse, 73 x 120 ft. Cost about \$65,000.

MISSOURI

ST. LOUIS, MO.—Assembly Hall Co. having plans prepared for building 2 story, brick, concrete and timber assembly hall and auditorium, to include stores and cafe, on Market St. \$200,000. Address R. D. Barrett, care Water License Division, City Hall, or W. H. King, care Company.

ST. LOUIS, MO.—W. H. Ittner, Archt., Bd. Educ. Bldg., soon receives bids for building 80 x 200 ft., rein-con., stone, terra cotta, steel and brick, marble flooring, rock found-

ation cathedral, on Lindell Blvd., for Scottish Rite Ass'n, La Salle Bldg. \$1,500,000.

ST. LOUIS, MO.—C. H. Mills, Architects, Chemical Bldg., soon receives bids for building 12 story, 300 x 350 ft., brick, concrete and steel hotel, on 18th and Locust Sts., for C. F. Levy, 4721 Westminster Pl. \$1,000,000.

ST. LOUIS, MO.—Olive Realty Co., 4166 Olive St., plans to build 2 story store. \$50,000.

ST. LOUIS, MO.—St. Louis Anti-Tuberculosis Society, 9500 South Broadway, has acquired site and plans to build school. \$50,000.

ST. LOUIS, MO.—Ducou Adding Machine Co., 1900 Morgan St., plans to build a new \$100,000 factory. Architect not selected. Address R. L. Curzon, care of Owner.

ST. LOUIS, MO.—J. Flammang, 7250 Maryland Ave., let contract for building 2 story, 65 x 100 ft., brick and concrete, factory, to Murch Bros. Constr. Co., Ry. Exch. Bldg. \$100,000.

ST. LOUIS, MO.—Liberty System Corp., 2310 Locust St., let contract for building 2 story, 65 x 450 ft., brick factory, to L. S. Callen, Clayton. \$145,000.

ST. LOUIS, MO.—St. Louis Basket & Box Co., Penrose and Buschmann Aves, awarded contract for building 2 story, 92 x 235 ft., concrete, brick and steel factory, to Fruin Colon Constr. Co., Merchants-Laclede Bldg. \$350,000.

MONTANA

HAVRE, MONT.—The Havre National will erect next year a \$100,000 building for its own use and for stores and offices, at the corner of Third Ave. and Second St. It is understood the building will have four stories.

NEBRASKA

OMAHA, NEB.—G. W. Smith, Warrenton Park, Glen Cove, Me., plans to build 10 story, 66 x 132 ft., rein-concrete and pressed brick stores and offices on 10th and Harney Sts., here. \$250,000. H. M. Christie, 1320 Farnam St., local representative.

NEW JERSEY

ELIZABETH, N. J.—Elizabeth General Hospital will rush plans of their new buildings. Crow, Lewis & Wickenhofer, 200 Fifth Ave., New York City, are the architects. The new buildings will be of brick and steel construction.

HOBOKEN, N. J.—City having plans prepared for 4 story high school, on Hudson and 10th Sts. \$250,000. J. Lewis, Clerk, Bld. Educ.

ROSELLE, N. J.—Board of Education plans to erect a new school at the corner of Liberty & Warren Sts., to cost \$60,000.

TRENTON, N. J.—Knights of Columbus, 221 North Warren St., plans to build clubhouse. \$150,000. J. J. Cleary, 510 West State St., Chn. J. O. Hunt, 114 North Montgomery St., Archt.

NEW YORK

BROOKLYN, N. Y.—Kahn & Feldman, 22 Madison Ave., New York, will erect a 5-story brick factory on Suydam St., near Irving Ave., at a cost of \$200,000. Bachman & Kahn 56 W. 45th St., New York, are the architects.

BROOKLYN, N. Y.—Y. M. C. Assn., New York City, soon receives bids for building 4 story, 50 x 80 ft., brick, steel and stone memorial, at Erie Bas'n, here. \$55,000. J. F. Jackson, 47 West 34th St., New York City, Archt. P. L. Pratt, 47 West 34th St., New York City, Engr.

BROOKLYN, N. Y.—Franklyn Operating Co., Inc., 189 Montague St., will erect a 3-story brick theater, 100 x 116 ft., at New Utrecht Ave. and 51st St., at a cost of \$150,000.

BROOKLYN, N. Y.—Schulte Realty Co., 386 Broadway, New York City, soon lets contract for constructing 2 story, brick and steel store and office, on Fulton, Pearl Wiltoughby and Adams Sts. \$70,000. F. P. Platt & Bros., 1123 Broadway, New York City, Architects.

BROOKLYN, N. Y.—M. Loew Enterprise, 1492 Broadway, New York City, plans to build brick, steel and stone theater, on Broadway and Gates Ave., here. \$300,000. T. W. Lamb, 644 8th Ave., New York City, Archt.

NEW YORK, N. Y.—R. G. Corey, Archt. and Engr., 39 Cortlandt St., has plans for building 6 story, 75 x 150 ft., brick and steel factory, for C. Corey Co., 290 Hudson St. \$200,000.

NEW YORK, N. Y.—R. D. Kohn, Archt., 56 West 45th St., soon lets contract for altering two 3 story, 50 x 75 ft., dormitories, and building two 3 story, 27 x 56 ft. and 41 x 152 ft. additions, brick and steel, for United Odd Fellows Home, Havemeyer Ave. \$125,000.

NEW YORK, N. Y.—H. Collins, 9 East 57th St., having plans prepared by Renwick, Aspinwall & Tucker, Architects, and Engrs., 8 West 40th St., for altering 5 story brick and

steel building, on Park Ave. and 57th St. \$50,000.

NEW YORK, N. Y.—Bd. Educ., 500 Park Ave., having plans prepared by C. B. J. Snyder, Archt., Municipal Bldg., for 5 story, 59 x 112 ft., brick and steel school, at 201-207 Hester St. \$375,000.

NEW YORK, N. Y.—M. Loew Enterprise, 1492 Broadway, having plans prepared by T. W. Lamb, Archt., 644 8th Ave., for 16 story, 50 x 120 x 180 ft., brick, steel and stone theater and office, on Broadway and 45th St. \$1,000,000.

NORTH CAROLINA

HILLSBORO, N. C.—Belle Vue Mfg. Co. propose building 1 story, 100 x 100 ft., brick factory. I. G. Lawrence, Durham, contractor. \$100,000.

OHIO

CHILLICOTHE, OHIO.—T. E. Franklin plans to build 3 story, 45 x 62 ft., fireproof office. \$55,000. C. L. Inschho, Brunson Bldg., Columbus, Archt.

CINCINNATI, OHIO.—A \$200,000 Roosevelt memorial hospital is proposed by Amer. Hosp. Assn., Cin., Dr. A. R. Warner, Pres. Edward F. Stevens, 9 Park St., Boston, and Wm. O. Ludlow, 101 Park Ave., New York, Architects.

CLEVELAND, OHIO.—The Textile Building Co. is to begin the erection of one of the largest buildings of the country devoted exclusively to the textile industry. It will cost \$1,000,000, will be 268 x 149 ft. and will be 7 stories high.

CLEVELAND, OHIO.—Colburn Machine Tool Co., 1041 Ivanhoe Rd., let contract for building 1 story, 192 x 238 ft., rein-con., steel and brick factory, to Hunkin-Conkey Co., Century Bldg. \$100,000.

CLEVELAND, OHIO.—W. R. McCormack, architect for the Board of Education, is preparing plans and specifications for an addition to the Miles Ave. School. The new portion will be a new story, 139 x 85 ft., and will cost \$100,000.

CLEVELAND, OHIO.—Christ'an, Schwartzberg & Gaede, Engrs., 1900 Euclid Ave., are receiving bids for building 3 story, 100 x 180 ft., rein-con., steel and brick warehouse, for Brown Fence & Wire Co., 6532 Juniata Ave. \$125,000.

CLEVELAND, OHIO.—Christ'an, Schwartzberg & Gaede, Engrs., 1900 Euclid Ave., will build superstructure for 5 story, 100 x 150 ft., rein-con., steel and brick factory, on East 30th St. and Superior Ave., for Schwartz, Forney & Hexter Co., West 6th St. and Lakeside Ave. \$250,000.

CLEVELAND, OHIO.—Christ'an, Schwartzberg & Gaede, Engrs., 1900 Euclid Ave., will plan 2 story, 57 x 64 ft., rein-con., steel and brick addition to bakery at 3335 Carnegie Ave., for Martin Baking Co., 3419 Carnegie Ave. \$50,000.

CLEVELAND, OHIO.—Schauffer Missionary Training School, 5111 Fowler Ave., having plans prepared by C. W. Hopkinson, Archt., 900 Rose Bldg., for 1 story, 41 x 105 ft., rein-con., steel and brick chapel on Broadway Ave. \$60,000.

CLEVELAND, OHIO.—St. Luke's Hospital 6606 Carnegie Ave., plans to build 6 story, 160 x 200 ft., rein-con., steel and brick hospital, on Baldwin and Fairmount Bds. \$800,000.

CLEVELAND, OHIO.—Lake Shore Bank & Trust Co., Huron and Prospect Aves., will make alterations to their building, to cost \$200,000.

CLEVELAND, OHIO.—Geo. B. Post & Son, Architects, 11th floor, Schofield Bldg., are preparing plans for an eleven story addition to the Cleveland Trust Bldg., at E. 9th and Euclid. The new addition will be 140 x 179 ft. and will cost \$5,000,000.

CLEVELAND, OHIO.—C. W. Hopkinson, Archt., 900 Rose Bldg., is preparing plans for building 3 story, 70 x 135 ft., rein-con., steel and brick addition to office for H. P. McIntosh, Euclid Ave. \$150,000.

CLINTON, OHIO.—Plans have been prepared by Archt. Charles Dieman of Cedar Rapids for the construction of new school buildings at Elvira.

COLUMBUS, OHIO.—It is proposed to erect eight school buildings at a cost of \$128,000.

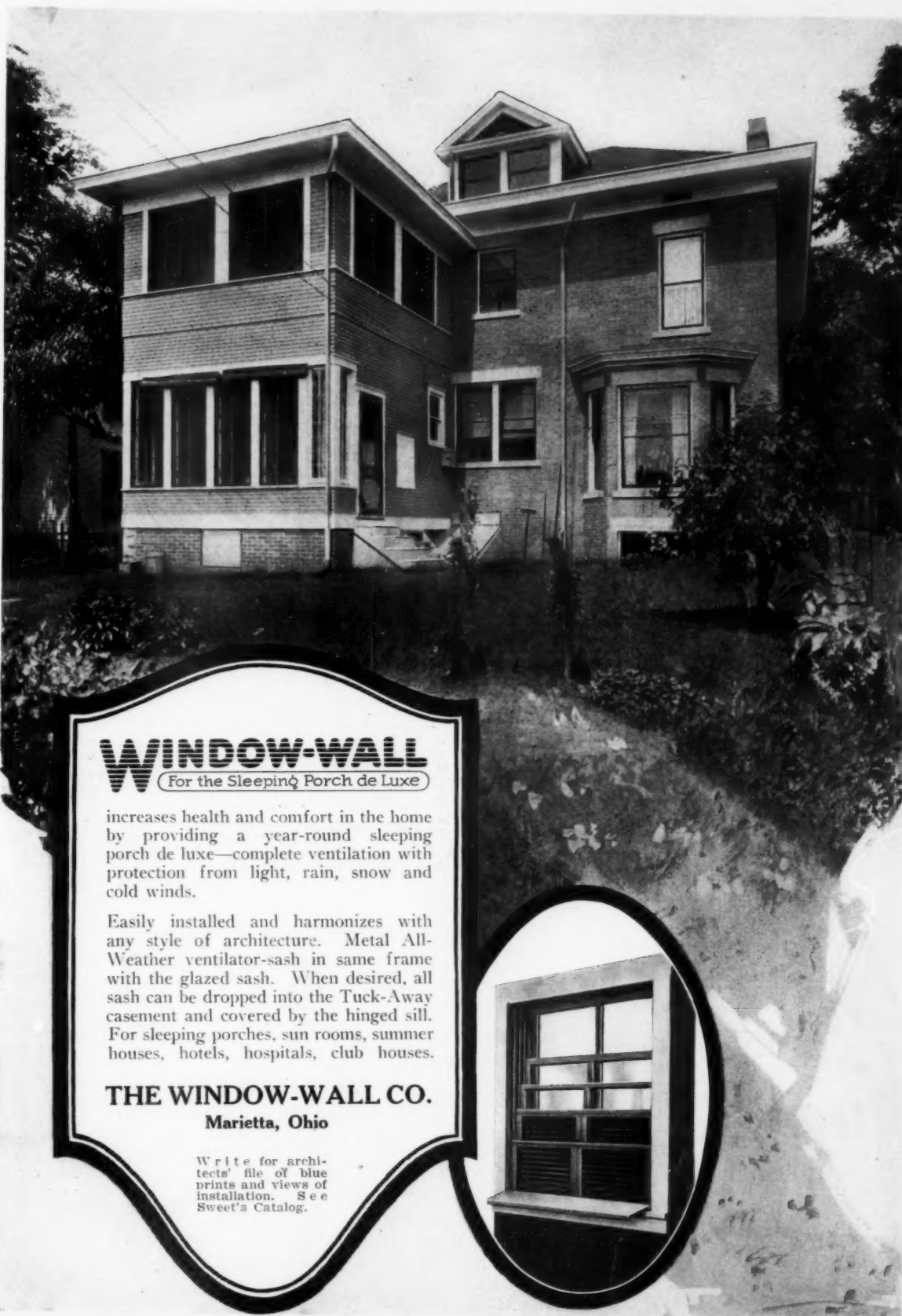
DAYTON, OHIO.—J. Siefert plans to extend and remodel Majestic Theater, 2 story, on South Jefferson St. \$60,000.

FAIRFIELD, OHIO.—Archts. Paul and Lethly, of Springfield, Ohio, have plans for a \$100,000 schoolhouse. Bond issue will be voted in November.

FINDLAY, OHIO.—The Electric Motor & Construction Co. will shortly begin the construction of a 2-story, 50 x 200 ft., brick building.

KENT, OHIO.—Archts. Mills & Millsbaugh Co., 602 Marshall Bldg., Cleveland, are drawing plans for a \$30,000 grade school to be erected here.

MANFIELD, OHIO.—The Ohio Suspender Co. of this city will erect a four-story, fireproof factory building at the corner of



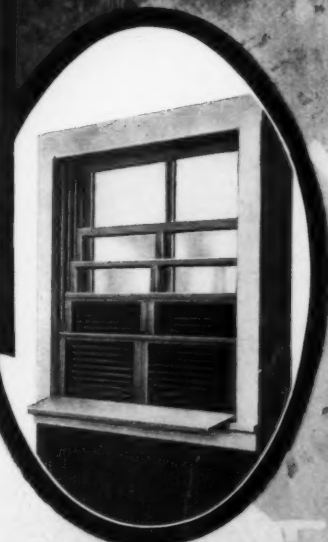
WINDOW-WALL
(For the Sleeping Porch de Luxe)

increases health and comfort in the home by providing a year-round sleeping porch de luxe—complete ventilation with protection from light, rain, snow and cold winds.

Easily installed and harmonizes with any style of architecture. Metal All-Weather ventilator-sash in same frame with the glazed sash. When desired, all sash can be dropped into the Tuck-Away casement and covered by the hinged sill. For sleeping porches, sun rooms, summer houses, hotels, hospitals, club houses.

THE WINDOW-WALL CO.
Marietta, Ohio

Write for architects' file of blue prints and views of installation. See Sweet's Catalog.



Fourth and Diamond Sts., to be used exclusively for factory and workshop of the local company.

SOUTH EUCLID, OHIO.—Board of Education has purchased a site on Mayfield Rd. on which to erect a 1-story brick school, to cost \$150,000, bond issue for which has been authorized.

SPRINGFIELD, OHIO.—O. L. Petticrew is considering the erection of an apartment building on East High St., tentative plans for which have been drawn by Archt. R. F. Gable.

TOLEDO, OHIO.—Welfare Director Benedict considers the erection of a two-story structure as a municipal community house at Walbridge Park.

TOLEDO, OHIO.—The Thomas Davies Realty Co. will build houses on the Dorland Park Addition; 25 to 30 houses will be built this year.

TOLEDO, OHIO.—The London County Council plans the erection of 29,000 houses at a total cost of \$1,500,000,000.

TOLEDO, OHIO.—McCarthy Drill & Tool Corp., Clinton and Oakwood Sts., is to be enlarged by Fastfeed Drill & Tool Corp. of New York.

TOLEDO, OHIO.—Langdon & Hohly, Archts. have been employed by Masonic Home Board to prepare plans for erection of new hospital here at a cost of \$500,000.

OKLAHOMA

MCALISTER, OKLA.—Oklahoma Storage Co. plans to build a 3-story warehouse to cost about \$50,000. Architect not selected.

OKMULGEE, OKLA.—A new theater, seating 2200 and costing \$350,000, will be built by F. A. Young and John E. Feeney.

POTEAU, OKLA.—It is hoped to start construction work Dec. 15 for a three-story, fireproof, high school building, to cost \$61,000.

SHAWNEE, OKLA.—Ground was broken for the beginning of the new 6 story Walcott Hotel. The hotel will be an up-to-date hostelry with all the improvements and conveniences. Wade Willard will be the manager of the New Walcott.

OREGON

ALBANY, ORE.—Plans for the proposed Day Motor Co. garage are being prepared by A. C. Jenkins, and it is expected bids for the erection of the new structure will be called for soon.

ALBANY, ORE.—The Murphy Motor Co. will erect a new garage on the site of their old one, which will soon be demolished.

ASTORIA, ORE.—An expenditure of \$750,000 in the construction of a mammoth new power, light and gas plant is being planned by the Pacific Power & Light Co.

PORTLAND, ORE.—Waverly Baby Home plans to build 2 story brick home, to include dormitory, glass inclosed sun porches, pavilion, reinforced record vault, detention wards, etc. \$70,000. F. S. Akin, Broadway Bldg., Secy.

PORTLAND, ORE.—Emanuel Hospital, Commercial Ave., plans to build new 3 or 4 story brick hospital on Commercial Ave., between Graham and Stanton Sts. \$1,000,000. A. M. Green, 200 Graham St., Supt.

PORTLAND, ORE.—Honeyman Hardware Co., 9th and Hoyt Sts., let contract for building 1 story, 100 x 100 ft. and 2 story, 100 x 100 ft. addition to hardware houses, brick, to F. H. Miles, 420 Falling Bldg. \$100,000.

PORTLAND, ORE.—Oregon Casket Co., 101 101 North 5th St., let contract to Dinwiddie Constr. Co., Yeon Bldg., for building 2 story factory, brick and concrete, covering 2 blocks on 21st and Raleigh Sts., to include 4 dry kilns, boiler house and shed. First unit to cost \$175,000; ultimate cost, \$350,000.

PORTLAND, ORE.—Plans for the construction of a "greater hospital for Greater Portland," ultimately to cost over \$1,000,000, have been drawn up by the Emanuel Hospital, and a campaign will start immediately to raise \$250,000 for the first building of the group contemplated.

PENNSYLVANIA

BETHLEHEM, PA.—Howard F. Stout, this city, awarded contract for the completion of the Nurses' Home for Women Nurses; dining room and sleeping quarters for employees and the double farmhouse of the Homeopathic State Hospital at Rittersville at \$19,810, for general work.

CHESTER, PA.—C. W. Braver, Archt., Crozer Bldg., soon receives bids for constructing 3½ story, 60 x 60 ft. brick, stone and terra cotta building on 9th and Welsh Sts. for Knights of Columbus, care of architect. \$65,000.

CHESTER, PA.—Nixon & Neddinger, 14th and Walnut Sts., Philadelphia, having plans prepared by H. C. Hodgema, Archt., 130 South 15th St., Philadelphia, for building 1 story theater and stores, 150 x 180 ft., brick. \$100,000.

EASTON, PA.—Second Methodist Congregation having plans prepared by G. E. Savage, Archt., Witherspoon Bldg., Philadelphia, for 2 story, 69 x 145 ft., granite church and Sunday School. Cost to exceed \$50,000.

ERIE, PA.—A county almshouse is to be erected on Dobler farm near Girard at a cost of approximately \$325,000.

HARRISBURG, PA.—Moorehead Knitting Co., Inc., 11th and Walnut Sts., will build 4 story, 50 x 150 ft., and 1 story, 60 x 150 ft. knitting mill, on North Cameron St. \$125,000.

MCKEESPORT, PA.—Y. M. C. A. having plans prepared by Jallade & Lindsey, Archts., 37 Liberty St., New York City, for constructing 4 story, 112 x 170 ft., rein.-con. building, rein.-con. flooring, concrete foundation, on Sinclair and Ringold Sts. About \$300,000.

PHILADELPHIA, PA.—Hale & Kilburn Corp., 18th and Lehigh Sts., let contract for building 5 story, 196 x 260 ft., brick, steel and concrete factory, on 16th and Glenwood Sts., to H. E. Eaton, 1713 Sansom St. \$100,000.

PHILADELPHIA, PA.—St. Luke's Hospital, Wingohocking and Broad Sts., having plans prepared by C. A. Zeigler, Archt., 1218 Chestnut St., for 5 story, 40 x 90 ft., brick and stone addition. Cost to exceed \$50,000.

PHILADELPHIA, PA.—Felt Bros., 140 South 52nd St., having sketches prepared by H. C. Hodgema, Archt., 130 South 15th St., for 1 story brick theater, on Market and 52nd Sts. Cost to exceed \$50,000.

WILLIAMSPORT, PA.—Bd. Dirs. Y. M. C. A. plans to construct 4 story, 170 x 200 ft. steel, rein.-con. and brick building on West 4th, Elmira and Nece Sts. \$100,000. J. B. Graham, Pres. Architect not selected.

RHODE ISLAND

PROVIDENCE, R. I.—Citizens Savings Bank, 846 Westminster St., is having plans prepared by Clark & Howe, 1208 Turks Head Bldg., for a \$150,000 bank building.

TEXAS

AMARILLO, TEX.—Ernest Thompson, owner of the Amarillo Hotel, announces that a new addition, containing at least 100 rooms, will be erected in a short time.

BURNHAM, TEX.—The Burnham Banner Press will build a new 2-story brick building at the corner of Market and Main Sts. M. M. Ginn, Archt., has drawn the plans and every convenience to the newspaper business will be installed. Geo. New is manager of the paper.

DALLAS, TEX.—Sanger Bros. will erect a \$1,000,000 office building at Poydras and Commerce Sts.

DALLAS, TEX.—An 18-story building is to be erected on the 50 x 150 ft. lot at the southeast corner of Houston and Jackson Sts., according to plans announced by Lawrence Ginaro, Secretary of the Texas Produce Co., owners of the property.

FORT WORTH, TEX.—Fort Worth National Bank has been granted a permit to build a \$50,000 addition to their building.

FT. WORTH, TEX.—Chevrolet Motor Car Co., 1115 Throckmorton St., propose building addition to plant. Butcher, Sweeney & Friedman, 29½ West 8th St. \$500,000.

FT. WORTH, TEX.—Ok-In Producing & Refining Co., Moore Bldg., will build brick and steel refinery. J. S. Blair, Ch. Engr., and J. T. Thompson, Supt. of Construction.

FROST (Navarro Co.), TEX.—The Frost Baptist Church will build a new structure from plans by T. J. & J. O. Galbreath, Archts., 718 Slaughter Bldg., Dallas.

HOUSTON, TEX.—Houston Lighting & Power Co., Capitol Ave. and San Jacinto St., let contract for building extension to boiler house, to Horton & Horton, McKinney and Valasco Sts. \$75,000.

SAN ANTONIO, TEX.—Fisk Co., 204 Ave. C, plans to build a 2-story, 150 x 150 ft. reinforced concrete factory at about \$100,000. G. A. C. Hallif, president.

UTAH

SALT LAKE CITY, UTAH.—The Mormon Church is having plans prepared by Cannon & Fetzner, architects and engineers, Temple Bldg., for a 6-story hospital, 45 x 120 ft., on 8th Ave., to cost \$200,000.

VERMONT

BRATTLEBORO, VT.—J. B. Manley, 28 High St., plans to build a 3-story theatre and business building on Main and High Sts., to cost \$150,000.

VIRGINIA

RICHMOND, VA.—Permit for a bank building to cost \$300,000, which will be occupied by the Virginia Trust Co., was issued today to Mrs. Elizabeth W. Bird. The building will stand in Main St. between 8th and 9th Sts., and will have a frontage of 58 ft. 6½ in. It will be 3 stories high and built of steel, stone, concrete and terra cotta.

WASHINGTON

CHEWELAH, WASH.—Curlew Creamery Co. plans the immediate erection of a \$20,000 creamery and cold storage plant here. A site has been secured and constructional activities will start shortly.

OLYMPIA, WASH.—Plans were prepared by Archt. Geo. W. Lawton, Alaska Bldg., Seattle, for a gymnasium to be built by the State Board of Control at the State Training School, Chehalis. \$60,000.

SEATTLE, WASH.—City Archt. Daniel Huntington estimates the cost of the city's new fire station at over \$100,000. This money will be sought from the City Council.

SEATTLE, WASH.—Bowman Co., Biltmore Hotel, Madison Ave. and 43d St., New York City, plans to build steel, brick and stone hotel, here. About \$6,000,000. Warren & Wetmore, 16 East 47th St., New York City, Archts.

SEATTLE, WASH.—J. S. Graham & Co., 2nd and Spring Sts., having plans prepared by A. E. Doyle, Worcester Bldg., Portland, and A. Merriam, Seattle, Archts., for 4 story, concrete, steel and terra cotta store. \$250,000.

SEATTLE, WASH.—A \$1,500,000 site for a \$3,500,000 hotel has been purchased in Seattle by the California Hotel Co., Daniel M. Linnard, Pres. The site occupies the block bounded by 5th and 6th Aves. and Spring and Madison Sts.

SEATTLE, WASH.—H. W. Bruen, care Majestic Theater, 2044 Market St., plans to build 1 story, 60 x 103 ft., steel and brick, theater, on University Ave. \$55,000. E. W. Houghton, Library Exch. Bldg., Seattle.

SEATTLE, WASH.—A large milk handling plant is to be erected for A. Kristoferson at 1501-25 Eastlake Ave., 110 x 110 ft., costing \$80,000. Ellsworth Story, Archt.

WEST VIRGINIA

HUNTINGTON, W. VA.—Liggett & Myers, 27th St. and Emmons Ave., let contract for 3 story, 80 x 210 ft., rein.-con. and steel factory, on 1st Ave. and 27th St., to Austin Co., Huntington. \$70,000.

ROMNEY, W. VA.—State Bd. Control, Charleston, having plans prepared by R. Warner, Archt., Masonic Temple Bldg., Charleston, for 2 story, brick dormitory, at State School for Deaf and Blind, here. \$75,000.

WISCONSIN

FOND DU LAC, WIS.—Loyal Order of Moose having plans prepared by B. F. Melner, Archt., 6 East Division St., for 3 story, 80 x 102 ft., brick and stone club and stores. \$50,000.

LANCASTER, WIS.—Bd. Educ. plans to build 2 story school. \$175,000.

MANITOWOC, WIS.—City plans to build 3 or 4 story, 60 x 18½ ft., brick, rein.-con., tile and steel hospital. \$60,000.

MILWAUKEE, WIS.—J. G. Van Vies, Archt., 714 Merrill Bldg., preparing plans for 4 story, 80 x 150 ft., brick and concrete hotel. \$200,000.

MILWAUKEE, WIS.—Standard Oil Co., Brumder Bldg., having plans prepared by A. D. Koch, Archt., 1045 Wells Bldg., for building 4 story, 75 x 150 ft., steel and brick office. \$300,000.

MILWAUKEE, WIS.—Big Sisters Home, care J. G. La Vica, Archt., 714 Merrill Bldg., having plans prepared for 3 story, 50 x 100 ft., rein.-con. and brick. \$80,000.

MILWAUKEE, WIS.—Rosman & Wierdsman, architects, 424 Jefferson St., are drawing plans for the remodeling of a 5-story brick factory at 70 West Water St., for Wallace & Smith. Cost \$60,000.

MILWAUKEE, WIS.—Milwaukee Paper Box Co., 400 Florida St., let general contract for building 5 story, 120 x 146 ft., rein.-con., brick and steel factory, on South Pierce St. and Muskegon Ave., to Dahlman Constr. Co., Majestic Bldg. Total cost, \$225,000.

RACINE, WIS.—Ajax Rubber Co., Shattley Bldg., will build 4 story, 74 x 110 ft., factory, on Asylum Ave. Nelson & Co., Robinson Bldg., have contract. \$100,000.

SHAWANO, WIS.—Shawano Hospital having sketches made by E. M. Koben, Archt., Citizens' Bank Bldg., for 2 and 3 story hospital, 80 x 153 ft., rein.-con., brick and tile. \$100,000.

SPARTA, WIS.—Valencia Milk Co., 235-37 Washington Bldg., will build 2 story, 48 x 100 ft., brick, rein.-con. and steel condensory. \$75,000.

UNION GROVE, WIS.—State Bd. Control, Capital Bldg., Madison, having preliminary plans prepared by A. Peabody, Capitol Bldg., Madison, for constructing brick and concrete institution buildings, here. \$644,000. M. J. Toppins, Secy.

WAUPUN, WIS.—State Bd. Control, Madison, having plans prepared by A. Peabody, Archt., Capitol Bldg., Madison, for remodeling and building 2 story, brick and concrete addition to prison here. \$90,000. M. J. Toppins, Secy.



VASE IN VATICAN MUSEUM, ROME