

The AMERICAN ARCHITECT



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PEACE ON EARTH

"Down came the storm! In ruin fell
The outworn World we knew,
It passed, that elemental swell!
Again appeared the blue.

* * * *

The world's great order dawns in sheen
After long darkness rude,
Divinelier imaged, clearer seen
With happier zeal pursued."
—Matthew Arnold.

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COURTYARD, PALACE OF KING MARTIN, POBLET (TARRAGONA), SPAIN

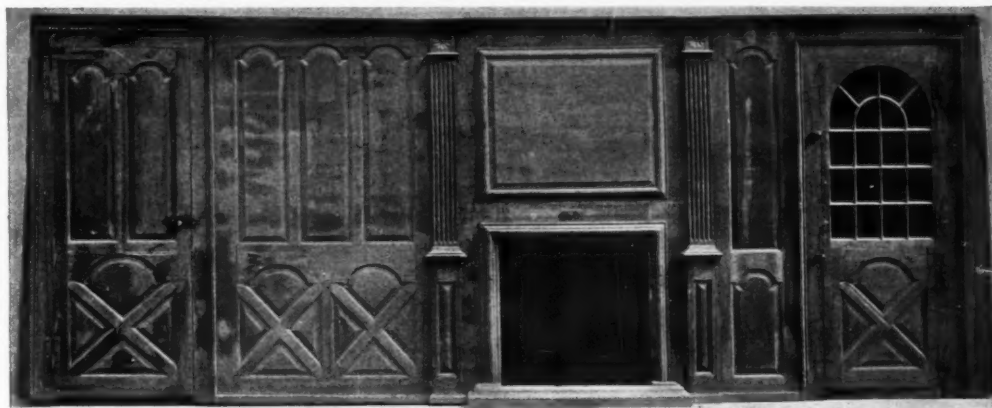
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VOL. CXIV

WEDNESDAY, DECEMBER 25, 1918

NUMBER 2244



PANELING OF UNPAINTED PINE, WITH FIREPLACE, DOOR AND CUPBOARD

From a house in Coventry, Conn.

Eighteenth Century American Furniture

*With Special Reference to the Palmer Collection
on Exhibition at the Metropolitan Museum of Art*

MANY students of American history, particularly of that period which deals with colonial life, have combined with their research, the activities of collector of some form of the domestic utilities of the times. This combination of study and collecting often becomes one primarily of collecting and then study. In the search for rare pieces, and the honest endeavor to establish authenticity, the collector must acquire an accurate knowledge of manners and customs of the period, the progress of architectural development and the arts of the craftsman.

In order intelligently to weigh the merits of the various units that form a collection or of those which it is desired to add to a collection already formed, a fairly accurate knowledge must be acquired of the master craftsmen whose work will be chiefly sought for. In this way, collecting goes logically with a study of contemporaneous history, and the man who glories in a well-selected collec-

tion, whether it be of furniture in any of its many forms, or of pewter, china, textiles or musical instruments, will acquire a vast knowledge of the history and customs of the various periods during which his treasures were created. In fact, the deeper he delves into the historic phase of his hobby as a collector, the more catholic becomes his taste. It is therefore possible when viewing the Palmer collection of eighteenth century American furniture at the Metropolitan Museum of Art to arrive at a clear conception of the wide range of knowledge that led to the discriminating assembling of this notable lot of the best examples of furniture made during our colonial period.

In gathering such an unusual lot of good stuff and making it available to the public, the Museum has further continued a commendable policy of exploitation of the work of American craftsmen, and it has also made accessible to American manufacturers of furniture a great many very choice and

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MAHOGANY LOW-BOY, ABOUT 1760-1775
Attributed to William Savery

rare examples. It demonstrates to large numbers of spectators the artistic excellence of the work of our early craftsmen, and will serve to stimulate a more general interest in modern workmanship. In fact there is evidenced in the present development of furniture forms, the great suggestive value of permanent collections as made accessible by the Metropolitan Museum. This exhibition of early furniture serves to introduce a craftsman whose name until now has been but little heard, and whose work in its artistic excellence will stand close comparison with that of men better known.

Collectors are ubiquitous; their field of operations is without limit. The trend of population Westward, when families and sometimes whole colonies packed their *Lares* on "prairie schooners" and sought new homes and opportunities in the "Golden West," has made it necessary, in a sense, for the collector to seek, long distances from its place of origin, a piece that would warm his collector's heart and stimulate his search for other treasures.

In well-known centers such as New York, Philadelphia and Boston,

practically every craftsman whose work was worth while was supposedly known to fame. Yet collectors who made Philadelphia and the nearby towns and villages the location of their search were meeting with carefully hoarded examples of eighteenth century furniture, all so characteristic in design and workmanship as to declare it the work of one individual. For a long time patient search was unrewarded. Finally it was learned beyond dispute that the best work of local origin had been produced by one William Savery, a Quaker, whose life spanned the years 1721-1787.

Savery, it would appear, was a most industrious and hard-working craftsman, if one may judge by the number of pieces of furniture extant which are indisputably his work. Some of the choicest examples, a few of which are illustrated in these pages, form part of this Museum's collection. Special reference is made to Savery's work, as in introduction

of a master craftsman hitherto but little known. Aside from Savery, the men represented in this collection also represent the best furniture builders the colonial period produced.

Further interesting educational possibilities of collections of this early colonial furniture will sug-



MAHOGANY SIDEBOARD TABLE, ABOUT 1760-1775
Attributed to William Savery

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MAHOGANY DESK WITH CABINET TOP, ABOUT 1750-1775
From the exhibition of the Palmer collection at the Metropolitan Museum of Art

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gest themselves to the thoughtful observer. With the war over and return to peaceful occupations, many will be found, who from wounds or permanent disability are unable to return to their former avocations. The re-education of the adult has become one of the important problems that our Government has had to consider. Much has already been accomplished, and the program outlined lends hope for future practical work. The opportunity afforded for the



CHEST OF DRAWERS, 1750-1775

development of the highest forms of craftsmanship in this country, by access to exhibitions of these well-selected types of early furniture cannot be overestimated. Men trained to less mechanical pursuits, but who have a latent or but partially developed artistic skill, can find in craftsman's work a field that will secure their earning capacity and in some measure compensate for the loss of certain abilities that have resulted from heroic sacrifices.



WALNUT ROYAL ARM CHAIR, ENGLISH, ABOUT 1685-1688



WALNUT SIDE CHAIR, ENGLISH, ABOUT 1720-1730

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HIGH-BOY, MAHOGANY, ABOUT 1760-1775

Attributed to William Savery

From the exhibition of the Palmer collection at the Metropolitan Museum of Art

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We should have more and more exhibitions of this character. As a rule, our large museums have ignored the appeal for help in the more material walks of life and by their broadly æsthetic attitude maintained a large dignity which has often correspondingly lessened their field of usefulness. The program outlined by the Metropolitan Museum, if thoroughly carried forward, will make of this institution a veritable educational factor, and will do more than other means devised in the past to advance the cause of good art in the United States. For it is not in the painted picture or the sculptured block that the only appeal to the dormant art sense of the great mass of our people is made.

The importance of craftsmanship cannot be overstated. It was truly said by Ralph Adams Cram, as chairman of the Committee on Education of the American Institute of Architects, that the craftsman is the architect's *alter ego*, and that it was on the craftsman that every architect must lean for the correct interpretation of his design. It will therefore be a part of the well-directed effort of architects, either individually or through their organized bodies, to stimulate an interest in the development of craftsmanship. In the contemplated work of the Metropolitan Museum of Art a most valuable assistance in this direction is made available to the public and of valuable assistance to the craftsman.



MAHOGANY ARM CHAIR, ENGLISH, ABOUT
1740-1750



SATINWOOD CHAIR BY HEPPLEWHITE, ABOUT
1780-1785

Seventh National Conference of Housing in America

Boston, November 26, 1918

Scrapping the Slums

An address by RALPH ADAMS CRAM, F. A. I. A.

WHATEVER we may think of the existence, number or nature of "natural rights," there is one over which there can be no discussion. I mean the natural right of every man to live decently and in an environment that has some elements of attractiveness, if not actual beauty. I am no Bolshevik and when I declare the need of decent and beautiful living conditions, I refer quite as much to the high-brow, the professor, the professional or the business man as I do to the member of the proletariat. Not that transformation of character can be effected through education and environment, as so fondly believed by the doctrinaire scientists of the 19th century. There is such a thing as inherent character—in an individual, a family, a race—and no amount of elaborate education or ingratiating environment can wholly change this. It is a fact, however, that along these lines something can be done and the most made of potential character.

We have heard during the last generation more than enough talk along these lines, but we have seen, until very recently, little in the way of actual accomplishment. From the last decade of the 19th century down to the outbreak of the war, living conditions, at least so far as the workingmen are concerned, have been getting steadily worse. Perhaps as a whole they reach their lowest depth in the first quarter of the 19th century, and while since then certain improvements have been sporadically effected, it was still possible four years ago, is still possible to-day, to find in any industrial city, slums that in their ugliness, their disease-breeding and vice-breeding conditions were as bad as any recorded in history. I could lead you in twenty minutes from this hotel to alleged living quarters in Boston that are a disgrace and a menace, and so far as my investigations have gone, the same is true in practically every industrial city in the United States.

We hear much talk about new laws to correct evil conditions and bring in new conditions which are better. Under correction I insist that it is not so much a question of new laws as the enforcement of laws already existing. New legislation has become a mania with us and with our governmental represent-

atives, but the execution of the laws is not a matter in which so much interest is shown.

We confront the necessity of building a new world on the ruins of one that has fallen, not without some signs of discredit. We have the free choice of building up a new era of real civilization, or of reverting to another period of Dark Ages. On the choice we make depends the future of the world for the next 500 years. What is our choice? Are we going to hold to the reactionary, status quo, influences now showing themselves? Are we going to submit to the Bolshevik anarchy that, whatever its pretensions, can have issue only in a barbarism equal to, if profoundly different from, the barbarism of the 19th century, or are we going to learn the lesson of the war, scrapping our old superstitions and our old methods as we scrap the slums, which are one manifestation thereof, and so go on to build a real world in which we can take pride and to which we can look with confidence that the war has made the world better, rather than worse.

Many of the schemes for establishing a new political basis for the world after the war are valuable, but we cannot afford to lose ourselves in admiration of their magnitude. We have got to build up from below, for only so can a real society be established. Anything else is either imperialism or internationalism, and the first we propose to see the war shall destroy, the latter we propose to see the war shall not precipitate upon us. The unit of human society is the family rather than the individual. The basis of sound society is a just and righteous industrial and economic and financial condition. Without these things, political readjustment will prove valueless and unstable. The men of our heroic armies, as they come back from the front, are the men in whose hands will lie the control of affairs for the next generation. We are bound to help them and, in so far as possible, direct them toward those things, the necessity for which they have realized through their experiences in war, but the means toward the attainment of which are less evident, perhaps to us as well as them.

This conference is assembled to deal with one

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of the very fundamental problems, that of decent and attractive housing. If we cannot solve it, who can? If it is not solved and the solution put into practice, then we lose, whatever may be the conditions of peace.

As Chairman of the Boston City Planning Board, I have for the past four years come somewhat closely in contact with housing conditions in Boston. This was one of the questions expressly committed to the board by the State Legislature when planning boards were called into existence. It is, of course, impossible for me to cover the whole field. That is not my function. There are many authorities here at this conference who can deal with its various aspects more in detail than I, and far better than I. I shall content myself with calling your attention to one residential section here in Boston with which the City Planning Board has just been dealing. I refer to what is known as the North End. This is one of the most interesting sections of Boston, as it is the oldest. It presents extraordinary difficulties, and the problem is, consequently, particularly absorbing.

Here is a region in the midst of a great city, a section originally the best residential quarter, now surrounded by trade and industry. It is the landing place and the first living section for the immigrant, chiefly Italians and Greeks. It has remained a residential area since the founding of the city and the business encroachments on its boundaries have been negligible during 300 years. In the beginning there were the narrow, winding streets of the colonial town, large blocks with residences around the street frontage, each standing in its own ground with deep gardens behind. Little by little the intervening yard areas were built up with intruding tenements. Then the back gardens were made available. Stables gave place to more tenements crowded in the rear areas until at last the whole territory was packed almost solid with tenement houses and small shops, great quantities of the former being packed into the middle of blocks with no street frontage, little light, less air and frequently no means of approach except through covered tunnels sometimes no more than 4 ft. wide. Many of the houses are old wooden structures, roughly made over for tenement house purposes from what once had been spacious residences. As the living conditions grew worse, laws and regulations were made for improvement of the property and for their regulation. These laws have been indifferently enforced, not always through the fault of the departments charged with their administration. For fifty years effort has been made to redeem the section and make its living conditions tolerable. Only recently, however, have the first steps been taken toward comprehensive improvement of the whole area.

In its policy of examining and reporting upon each section of the city, the board three years ago began the study of the North End. It was convinced from the start that it should be retained as a residence area. From the first it was evident that all questions of substitution of good tenements for bad were contingent on what may be called a geographical reform of the region, that is to say, the opening of new streets, the widening of the old, and the elimination of tenement houses in the back areas. Until this could be done, there was little good in devising and carrying through schemes of new "model tenements."

The board has now, after, as I say, three years of study completed its report which was submitted to His Honor the Mayor last week. Some of the charts, plans and diagrams are now on exhibition in Rogers Building, and to them I beg to call your attention.

The general principle followed by the board comes under three heads:

- (a) The opening of new streets.
- (b) The widening of old.
- (c) The elimination of the dead interior areas.

All these hang together. I mean to say, they are part of the general scheme. New streets and widenings have been considered, not only with regard to traffic requirements, but also as to their bearing on the splitting up of the big blocks and the opening up of the interiors to light and air. We have provided for one main new thoroughfare running across the district and connecting the North Station with the South Station. This is imperatively necessary from a teaming standpoint, but the street also serves its purpose of bringing light and air into several bad blocks as well as eliminating certain centers of impossible congestion. There are a number of short new streets, not traffic ways, but for local communication, which also open up the bad areas. Naturally in this region were found many narrow and winding alleys with dead-ends. These have been wholly obliterated and either widened to provide streets, or made into breathing spaces. The opening up of the crowded blocks is, in our opinion, one of the most important reforms to be carried out. Our investigations show a large number of blocks in which relatively huge interior areas, solidly packed with tenement houses, were more than 60 ft. from the surrounding streets, and approached, as I said before, only by narrow alleys or tunnels. Against these dead centers the board has sworn eternal warfare, and in our plan for the redemption of the North End every one is obliterated. Wherever possible, we work toward cleaning out the tenement house and substituting in place thereof small interior parks or rest areas, not for playgrounds but for the use of mothers and chil-

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dren; quiet spots where there may be, perhaps, two or three trees, a drinking fountain, a sand-pile, seats and, generally speaking, a chance for rest and a breath of air for the overworked mothers and the somewhat numerous babies of the district.

We have tried to preserve the original character of the North End. Wide boulevards are not contemplated. The new streets will wind naturally around the occasional steep grades, and no effort has been made to achieve a gridiron regularity. In fact, we have tried to avoid this scrupulously, knowing it to be bad and uneconomical in principle.

Something already has been accomplished, even though our general scheme has only just been completed. The famous Morton Street district has been redeemed. This is a great triumph, and for its inception and carrying out the thanks of the board are primarily due to the Women's Municipal League. The deplorable condition that existed in this area, the results of destruction, and those promised through reconstruction, can all be learned from the exhibit now in Rogers Building.

These sporadic efforts are of great value, but of even further importance is the dealing with an area such as this *in the large*. The whole problem must now be confronted as it stands, and with a determination on the part of every good citizen to see that a general scheme of rebuilding and recreation is carried out, at least in principle, in accordance with the recommendations that already have been made. It is not an expensive project even as prices stand to-day. The net cost would scarcely exceed \$2,000,000, an insignificant sum when we bear in mind the enormous population that is accommodated within the limits of the North End, and exist as component parts of society and as future citizens of a better Boston than we have ever known before.

What is all this reformation of the living conditions of the workers in the community but a symbol of the reconstruction of the world that lies before us? Perhaps if we begin with these relatively small things we shall be the better able to go on with the greater task of rebuilding the world in which we are now engaged.

Housing Standards of the Federal Government

An Address by JOHN NOLEN

THE so-called "Standards" recommended for permanent industrial housing developments by the Bureau of Industrial Housing and Transportation are a notable achievement. They were adopted by the Bureau after months of open minded and vigorous discussion by a representative group of men. This body included architects, engineers, landscape architects, town planners, contractors, physicians, housing experts, realtors and others, with Frederick Law Olmsted as Chairman. Credit to the value of their services has already been publicly acknowledged by the Housing Bureau of the Government. It is fitting to add here that the original drafts of these standards were prepared by Lawrence Veiller, Secretary and Director of the National Housing Association, and in the final decision of many of the most important standards, his view prevailed. Why? Not, I believe, merely because of his personal grasp of this subject, although that should be freely granted, but because the National Housing Association by its patient work of a decade under his direction had, through observation, study and discussion, gathered the experience that had ripened into wisdom upon which the adoption of standards could safely rest.

A number of essential ideas should be noted in

connection with these housing standards of the Federal Government. In the first place, they are standards for permanent construction. As a matter of fact, the Government standards for temporary construction are in many ways equally worthy of review and praise. But they are not the subject of this discussion.

A second essential idea is that while these standards were adopted with a firm determination that they should control, their application was to be discriminating. Common sense was to have its proper place. Therefore, the Housing Bureau recommended in its very first paragraph that these standards were not intended as inflexible requirements, but added that any plans which failed to conform to the standards were not likely to be accepted unless supported by very strong reasons.

The standards as put forth by the Government are comprehensive. The nine types of houses included cover virtually the whole field. They are as follows:

1. Single family house.
2. Two family house.
3. Single family house with rooms for lodgers or boarders.
4. Lodging house for men.

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5. Hotel for men.
6. Lodging house for women.
7. Hotel for women.
8. Tenement house.
9. Boarding house.

MOST IMPORTANT STANDARDS

There is not time in this opening paper to discuss these standards in detail. They are presented clearly and succinctly in the ten small pages of the pamphlet, boiled down and carefully arranged for easy comprehension and reference. They should be read and studied by everyone interested in the peculiar difficulties connected with the housing of wage earners. Discussion, now, however, can be most profitably directed to three outstanding proposals, each absolutely fundamental to good housing, and each unfortunately more or less in conflict with the common practice of our time.

These three outstanding proposals are: First, that row or group houses are not normally to be more than two rooms deep; second, that side yard space between adjacent buildings is to be at least 16 feet and preferably 20 feet; finally, that tenement and apartment houses are considered generally undesirable, and will be accepted only in cities where because of high land values it is clearly demonstrated that single and two-family houses cannot be economically provided, or where there is insistent demand for this type of multiple housing.

If nothing else were accomplished by the formulation of Government standards, the promotion of the cause of good housing would create a debt of gratitude to the agency and circumstances that set down in determined form the Government's belief in these three fundamental proposals.

But, of course, there are many other points that are worthy of praise and of wider adoption. They run through the list of subjects with which those concerned about housing are familiar: The size of windows, the height of buildings, the size and number of rooms, the character of fences, allotment gardens, free standing beds, the need for a clothes closet in every bedroom, etc., etc.

As a basis for special discussion may I suggest two groups of only six topics each that appear to me of greatest importance and significance? The first group relates primarily to the character of the house itself, the second to the town planning features that do so much to make or mar the house as a satisfactory home.

THE HOUSE ITSELF

In the group determining the *character of the house itself*, I should name as most important the following standards:

1. That row or group houses are not to be more than two rooms deep.

2. That cross ventilation as direct as possible is to be provided for all rooms.

3. That no living quarters are to be in basements.

4. That a minimum clear space of eight inches is to be provided between the ceiling and the roof, with adequate ventilation.

5. That five-room houses are to be preferred for higher paid workers, and four room houses for lower paid workers.

6. That every house is to have one large bedroom and a parlor or living room from 10 x 12 ft. to 12 x 14 ft. in size.

TOWN PLANNING

In the town planning features the regulations of most far reaching effect are:

1. That side yard space between adjacent buildings is to be preferably 20 ft., with a minimum of 16 ft.

2. That the group house should be used wherever lot sizes or land values make it difficult or impossible to provide adequate size yard space.

3. That rear yard depth is to be not less than the height of building, nor in any case less than 20 ft., and the minimum distance between the backs of houses at least 50 ft.

4. That front yards or setbacks are desirable where practicable, and the minimum distance from the front of the house to the front of the opposite house is to be 50 ft.

5. That private alleys will not be accepted, but this access to the rear of houses may be made through minor public streets, such streets to be not less than 12 ft. wide, and to be properly paved, curbed, drained and lighted.

6. That the tenement and apartment house is to be considered an undesirable house type, and accepted only in places where other types are not practicable.

In addition to the town planning features in the standards issued by the Bureau, special reference should be made to the pamphlet issued later by the Town Planning Division, entitled, "Suggestions to Town Planners." These are of great importance and exercised a controlling influence on the actual plans that were prepared under the direction of the Housing Corporation.

ARE STANDARDS NECESSARY?

It is natural to inquire here, should self-imposed standards be adopted to control Government housing for war needs? Why should not the aim be the largest possible amount of housing at the least possible cost? I believe there are two substantial reasons. The first is that this method would defeat its own primary purpose. Not the largest amount

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of any kind of housing, but the largest amount of satisfactory housing, is essential. Contentment and efficiency are dependent upon satisfactory housing, and without contentment and efficiency the war needs of labor would not be well served. The second reason is that even in the most engrossing days of war, when many things had to be done which we might have served otherwise, an effort was made to hold to the human requirements of the workman and his family. There are laws of human wellbeing—scientific laws—and we now know better than we ever knew before that in the long run it pays to follow them. In this respect housing is not peculiar. There are standards in food, in clothing, in ships, in munitions, in factory buildings, in motor vehicles, in airplanes, and in all the vast complex material of the modern world.

But if we agree that there should be housing standards, by what method should they be fixed? Should they be determined by the wages that workmen receive and rent that workmen can afford to pay, or by an economic rent on land, building and utilities, a return, say of 10 per cent gross or 5 per cent net on the invested capital—or by the accepted but constantly changing minimum requirements of safety, health, convenience and comfort? Or, should they be determined by all these requirements considered together? It is my opinion that if these Government standards have one merit more than another, it is their endeavor to harmonize so far as possible these various requirements.

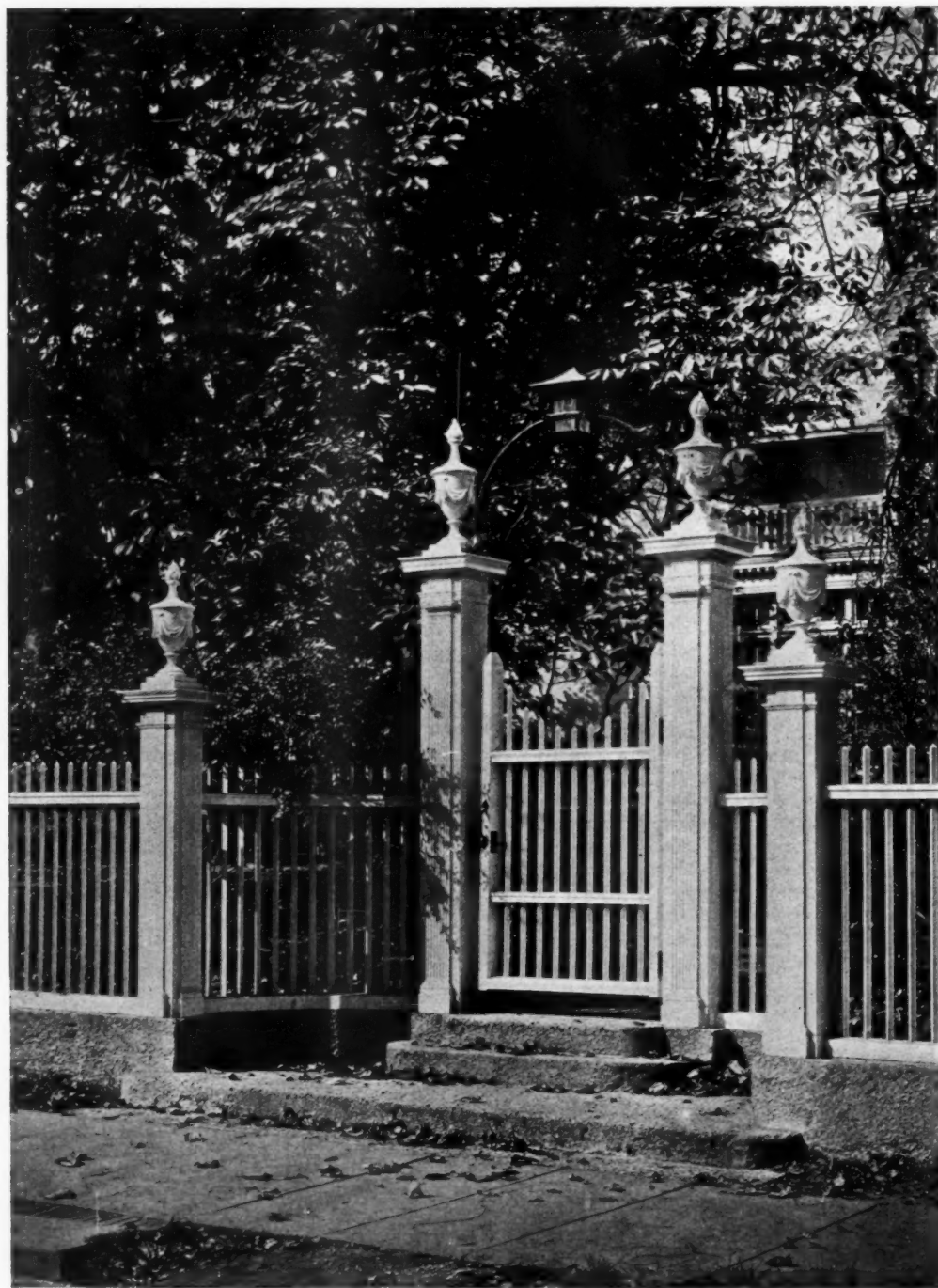
The big problem, again, in housing is that of cost, and it will assert itself sooner or later in connection with these housing standards of the Federal Government. Suppose the house which has been built to conform to these standards costs \$4,500, or even more. Who will live in it after the war, when it passes from the ownership of the Government? If it is found too expensive, even after a reasonable write-off by the Government, what will be the influence finally of the Government's action in adopting these standards and building according to them? Will the Government's standards be finally discredited and pronounced impracticable?

These questions cannot be answered now, but they are worth asking as we stand in these first reconstruction days on the brink of a more far reaching housing movement than that which the

Government fathered as a part of its war program.

There is one subject to which, if I am not mistaken, the standards do not once refer. That is, the *appearance* of the workman's home—its ugliness or beauty. Why is this aspect ignored? Is it unimportant? No, I believe it is because beauty, like happiness, is best obtained by not being too directly sought. If a house has a proper plan and is built of suitable materials, if it is so arranged as to serve its purpose well, if it is located with the due regard to other houses—in a word, if its planning and construction are controlled by standards such as those recently adopted by the Federal Government to serve war needs—we may safely take chances on its appearance. In most cases, I believe, Government operations will demonstrate that the aesthetic as well as the practical results will be appropriate and gratifying.

Housing is on the new map of the world. Its place and boundaries are changed permanently. Public opinion has shifted, and in the right direction. No statesman who aspires to power and honor in the new régime can fail to include it in his reconstruction program. Unless all signs fail, housing reform is to be part of our new standards of action. Like new standards of action in other fields, it is to be changed through three influences that are spreading far and wide. They are co-operation, a new scale of money expenditures and a raising of democratic ideals. The years of the war have given innumerable illustrations of what co-operation can do, and we are no longer daunted by cost, if the thing for which the money is to be spent is worth it. A world war has been successfully fought to make the world safe for democracy. A world peace is now being outlined that will aim also to make democracy safe for the world. A plank in the domestic part of that peace program will be a recognition that housing and living conditions should be made fit for democracy. The English Premier has already drawn attention to this in connection with other fundamental reforms. He has pointed out that the end of the war finds us in a more exalted mood, and has advised that we should, to quote those words, "Think out new ways of dealing with old problems. Don't always be thinking of getting back to where you were before the war. Get really a new world."



DETAIL OF FENCE ON GROUNDS OF ROGER B. MERRIMAN, CAMBRIDGE, MASS.
COOLIDGE & CARLSON, ARCHITECTS

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Readjustment and Preparedness

DESPITE the gloomy predictions of pessimistic writers, readjustment to a peace basis is proceeding in a most encouraging manner. There is a strong and well sustained impression that a very considerable buying power will soon be released. This sentiment is maintained in spite of the prospect of continued heavy taxation and the fact that large war payments are still to be made through the medium of Government loans. The demand from abroad for all of our various supplies for civilian consumption has already begun to assume definite proportions, and with all of these encouraging indications so prominent, those who predicted that the sudden termination of the war would disastrously affect our economic problems have been conclusively shown to be in error.

Manufacturing plants that had been quickly converted to war purposes are being as quickly reconverted to peace time demands. The great stores of raw materials that were temporarily inert owing to war restrictions are now moving, and there is a steady demand for labor.

All these satisfactory indications of present tendencies and future prosperity lend color to the assumption that the business element has not been "caught napping" by the sudden cessation of hostilities, but in a large degree has heeded the many

times repeated admonition to prepare in advance for just the conditions that are now present. This will be one of the valuable lessons the war has taught us—the great lesson of preparedness.

It is not probable, nor is it conceivably possible, that there can occur in the future any of the confusion due to a general readjustment to a peace basis that marked a similar period following our Civil War. Analogies have been drawn and an attempt made to forecast the future as complicated with the problems of labor and readjustment to fit the new ideas resulting from the lessons of the war. In spite of predictions, the American people can, it is believed, be depended on to be as safe and sane in all these matters as they have been efficient in their military operations.

"The Practice of Architecture"

IN the preceding issue of THE AMERICAN ARCHITECT there were printed a number of letters received from subscribers, with reference to the article, "The Practice of Architecture," printed in the issue of November 27. A further expression of opinion is printed in the department of Criticism and Comment in this issue.

There is almost unanimity of opinion that while architecture is first of all an art, the practice of it to-day becomes, to a greater degree than ever before, a business. Further, there is a decided tendency to agree with the contention that architects must become thoroughly identified with their work, must more largely cultivate the most practical features of their profession and must exchange for the one time attitude of aloofness a more personal contact with every phase of their work. More and more has it become apparent that this war has served to revise every man's mental attitude toward his job, and, to quote Charles M. Schwab, he must stick to it to win. It has served to segregate the different elements. The dilettante must needs consort with the dreamer and the practical man with the worker. We shall not be able to combine in architectural practice the ultra aestheticism of the self-appointed artist with the practical man who must take his client's hundred thousand dollars and return him a building that will actually represent in utility just that amount. In fact, clients will have no use for any other type of architects.

Professional service is exactly as much of a commodity as raw material or a manufactured article. If architects of the past have found difficulty in selling their services, it is probably for the reason that the goods they have had to offer have not been as conscientiously perfected as is required in dependable merchandizing.

Why masquerade longer under a guise that only

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deceives ourselves and leads to conditions that have been so generally deplored? This is plain talk, but it is fact.

Government Housing Operations

THE war-time operations of the Government in the field of industrial housing will probably receive close scrutiny on the part of Congress. The Senate has already shown a disposition to investigate the somewhat reckless expenditure of money for housing at shipyards and munition plants and by a recent resolution ordered suspended all industrial building not 75 per cent completed. A controversy is by this action set afoot between the Public Buildings and Land Committee of the Senate and the contracting firms. Further, the Senate resolution calls for the cancellation of all contracts for furniture for the houses, this cancellation to include every item not actually delivered, although in transit. More than three months ago, this question as to the future of the many and large industrial housing schemes undertaken by the Government at munition and shipbuilding plants was discussed and the danger of a possible enormous waste of money and material pointed out in the pages of THE AMERICAN ARCHITECT. In the issue of December

18, C. Stanley Taylor, who had been throughout the war actively identified with Government work in industrial housing, discussed the future of these schemes.

The great responsibility assumed by the Government in its industrial housing operations was pointed out, and the possibility of an enormous dead loss clearly indicated. There was taken into consideration the fact that in a number of locations the war material and shipbuilding plants are not owned by the Government. In these instances we have the unfortunate economic condition of a privately owned plant with an adjacent industrial village owned and controlled by the Government. A stoppage of work at the plant creates an Hegira of labor and the result is a deserted village in its truest meaning.

If the privately owned plant maintains its location and continues on private contracts, the industrial village may continue, with the Government as landlord, or the corporation conducting the plant may acquire the housing development. It is evident that any such purchase will result in an enormous loss to the Government. It is difficult to imagine how the Government may retire from ownership except at a loss which in some cases will be total loss of the entire expenditure.



FOUNTAIN IN PUBLIC SQUARE, NEWTON CENTER, MASS.
COOLIDGE & CARLSON, ARCHITECTS

Criticism and Comment

The Practice of Architecture

The Editors, THE AMERICAN ARCHITECT:

We heartily agree with the "Practice of Architecture," as printed in *THE AMERICAN ARCHITECT*, except as regards two items in the first paragraph, namely, respecting the origination and promotion of building operations. If by this you mean promoting and financing building operations, we cannot accede, for, in our opinion, when engineers and architects take this position they injure rather than benefit the architectural and engineering profession. While we should encourage new building operations under auspicious circumstances, we should never take the initiative in stimulating the building industry merely for the sake of a commission, which we fear would be the natural result if the engineer and architect should assume the position of originating, promoting and financing constructive operations. There are many instances, we believe, where clients have been abetted by their engineer or architect into building when conditions were fundamentally unsound, and it is at these particular times that the incentive for promoting and financing building operations is apt to be greatest.

In our opinion, the originating and promoting of new projects should be avoided by the engineer and architect, and let the scope of our work begin with the designing and planning of structures after some one else has decided the desirability of building.

Concerning paragraph No. 2, respecting the creation of a general demand for architectural service, it occurs to us that if we sincerely live up to the spirit of the last two paragraphs there will be no need of a special effort to develop a general demand for such service, for the merit of that service should be the creative source.

The fourth paragraph respecting the architects being responsible, morally and financially, for the correctness of design, etc., we sincerely approve.

F. P. SHELDON & SON.

Providence, R. I.

The Editors, THE AMERICAN ARCHITECT:

I have read "The Practice of Architecture" in your issue of November 27, a number of times and absolutely endorse every statement contained therein. It is quite evident that whoever wrote this

has devoted weeks of careful study to the subject, and there appears to be nothing else to say.

I have been preaching that kind of service ever since I have been a member of architectural societies. I have, as a matter of fact, in my own practice always followed these principles. I have always made myself morally and financially responsible for the accuracy of our plans and specifications, and I have always given our clients complete professional service. I have really been acting as a general contractor on all of my work in the name of the owner by awarding separate and individual contracts for each and every branch of the work. On one of our recent jobs there were forty-seven separate and distinct contracts. I have always maintained a complete organization and have always secured the satisfaction of our clients. Based on my own experience, I can most heartily endorse your outline of professional architectural activity. There may be a few other offices that approach my method of handling the work. I do not at this time recall many other offices who even attempt to approach the kind of service which I have furnished or which is called for by your article.

F. E. DAVIDSON, A. I. A.

Chicago.

The Editors, THE AMERICAN ARCHITECT:

I am interested in the "Practice of Architecture" appearing in a recent issue of *THE AMERICAN ARCHITECT*, and I endorse it, but really I do not find much in it that the better practitioners have not advocated for some time past.

You may perhaps think that most of us have not reached the goal therein set forth and that is, no doubt, true; but the intention is there, and I think in many cases it is met with practical compliance.

Your paragraph four goes into some explanation as to "his responsibilities, etc." Of course this responsibility may be elaborated upon and also qualified. "His freedom" would, I should say, be contingent upon decision reached in conference with his client or his client's tenant, after necessities and requirements have been agreed upon. One could set up innumerable hypothetical cases affecting the interpretation of the said responsibilities.

ARTHUR WOLTERS DORF.

Chicago, Ill.

Recent Legal Decisions

LIENS FOR ENGINEERING DESIGNS

In an action under the California statute to foreclose a lien for engineering designs furnished and used in the construction of a building, the defendants contended that the furnishing of engineering designs was not a service of the character contemplated by the statute. Section 1183 of the California Code of Civil Procedure provides that architects and all persons of every class bestowing skill or other necessary services to be used in the construction of a building are entitled to a lien, whether at the instance of the owner or of any other person acting by his authority or under him as a contractor, and further that every architect having charge of the construction, either in whole or in part, of any building, shall be held to be the agent of the owner for the purposes of the lien law. The court held that it follows that the employment of plaintiff by the architects was equivalent to his employment by the owner. An engineering expert employed for a single and specified purpose in the construction of a building, even though he may not be classed as an architect, is held to come within the provisions of the section, as one bestowing skill to be used in the construction of the building.—*Hornlein v. Bohlig (Cal.)* 174 Pac. 697.

ASSUMPTION OF BUILDING CONTRACT BY GUARANTOR

The rights of a guarantor on a contract for building a public building, such as a courthouse, which took over the work on its abandonment by the contractor, without further agreement with the county, are measured by the contract. If that provides for payment in warrants, it seems the guarantor cannot recover a money judgment on the theory of an implied contract. But in the event of disputes with the county it may institute a suit to determine the rights of the parties, and the amounts for which warrants should issue.—*County of Cullman, Ala., v. Vincennes Bridge Co., C. C. A.,* 251 Fed. 473.

BONDS OF CONTRACTOR FOR PUBLIC WORKS

The sole purpose of the proviso in the Federal statute of 1894, as amended in 1905 (relating to bonds of contractors for government work), that suit for labor or materials used "shall not be commenced until after the complete performance of said contract and final settlement thereof," is to protect the United States in its prior right of suit. Where through its proper officers it has formally approved

a final settlement with the contractor, the fact that it has retained a part of the contract price to cover the cost of completing certain items of work, or that the settlement is not agreed to by the contractor, cannot operate to postpone the right of unpaid subcontractors to begin suit on the bond until all items in dispute between the contractor and the government have been adjusted.

Contracts for the furnishing of labor or materials to such a contractor are to be construed, so far as possible, consistently with the main contract. Under a provision in a subcontract that final payment shall be made thereunder "within ten days after the final approval and complete payment of the work by the government" the "complete payment" is the final payment to be made by the United States in accordance with its final settlement, by which is meant the final amount acknowledged by the United States to be due.—*Robinson v. United States, C. C. A.,* 251, Fed. 461.

SURETY'S LIABILITY ON CONTRACTOR'S BOND

The surety on a bridge contractor's bond, conditioned for payment of all indebtedness incurred for material furnished, is liable for the unpaid price of sheet steel, corrugated and fashioned into piling, the life and substance of which are substantially consumed in constructing the bridge, but is not liable for piling drawn, removed, cut off and used in the construction of another bridge.—*Road Supply & Metal Co. v. Kansas Casualty & Surety Co., Kansas Supreme Court,* 175 Pac. 108.

SETTLEMENTS BETWEEN CONTRACTORS AND SUBCONTRACTORS

Under Section 15 of the New York Lien Law an agreement partly oral and partly written, to offset the account owing to a subcontractor by a principal contractor against the account owing to the principal contractor by the subcontractor, is held to constitute a "payment," and not an assignment or order which is required to be filed. A provision in a building contract to pay in "current funds" is designed for the protection of the contracting parties, and a waiver thereof in good faith, by mutual settlement of accounts in good faith, cannot be questioned by subsequent lienors not parties to the contract.—*American Clay & Cement Corp. v. Rochester Folding Box Co.,* 171 N. Y. Supp. 720.

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December Meeting of the Illinois Chapter, A. I. A.

The principal feature of the meeting of the Illinois Chapter on the evening of December 10th was an address by Mr. Thomas E. Tallmadge on "Great Monuments Commemorative of War." Mr. Tallmadge talked on this subject very entertainingly and instructively, having visited many of the monuments shown on the screen, which were selected from the famous works of this character in Europe and America.

His object was to illustrate the different types of monuments which have been erected in commemoration of great events relating to wars, with reference to the suggestive value they might have in the consideration of monuments in the United States, and especially in Chicago, in commemoration of this city's contribution toward the winning of the great war or of America's rejoicing in the triumph of democracy.

Discussions of various phases of the subject followed the address, many of the members and one or two guests offering suggestions that might be of value to Chicago as the basis of a monumental plan, but the feeling seemed to prevail that anything in the way of a definite suggestion could not go very far at the present time, nor until a period had elapsed, following the close of the war, sufficient to permit a broad survey of its results and how they could best be commemorated. The suggestions were interesting, however, ranging, as they did, from a single arch or bridge to an elaboration of the City Plan, including monumental buildings of different character connected by boulevards. An unusual idea along exceedingly practical lines was mentioned by Mr. Tallmadge, who had heard it suggested by an acquaintance. This was the erection of a magnificent office building, monumental in design, which should produce revenue for the benefit of the soldiers and sailors, and their families, who have suffered from the war. There was a feeling indicated that the most popular form of memorial would be one which, while monumental in character, would also have some practical use for the people as a whole, such as a stadium on the lake front. A feeling was also apparent that the glorification of war indicated in some of the earlier monuments shown, especially those of ancient times, should have no part in any work commemorative of the present victory.

Following the routine business of the meeting, and before this address and the discussion it awakened, the secretary referred to the letters from the governors of a number of states, published in THE AMERICAN ARCHITECT of December 4th, as in-

dicating the interest being aroused on this subject with the co-operation of THE AMERICAN ARCHITECT, and read the letter from Governor Lowden of Illinois. Further attention to this was referred to the committee on reconstruction.

Positions Sought for Army Officers Now Leaving Camps in U. S.

The United States Employment Service to-day issued an appeal to employers in need of technical and other highly trained men to take on qualified men from the commissioned and enlisted ranks of the army who are now leaving the camps.

Hundreds of officers, many of the higher ranks, are asking the camp representatives and Federal directors of the Federal Employment Service for the States to assist them to obtain new employment. There also are large numbers of enlisted men qualified for professional and technical positions who are leaving the army without having positions in sight.

Among the men of this high type applying at the Federal Employment Service are engineers and other technical men, executives, chemists, statisticians, purchasing agents, employment managers, cost accountants, etc.

All employers wishing to get in touch with these men should communicate with the professional section, United States Employment Service, Department of Labor, Washington, D. C.

A Natural Building Material

The principal building material used in Palermo, Italy, is a soft stone, known as "tufo," writes Vice-Consul W. Duval Brown, of Palermo. This stone is very soft and light, is easily quarried, and hardens on exposure to the air. It is an excellent and cheap building material and is of attractive appearance, being light caramel in color. In fact, this stone is so easy to quarry that even temporary walls around vacant lots and building operations are made of it in preference to the board fence seen in the United States. All exterior walls are made of this "tufo." The walls are about 18 inches thick and are generally covered with a coating of cement stucco, though the stone itself, when dressed properly, makes a very neat appearing building without any stucco. Most interior partitions, which are almost as thick as the exterior walls, are made of this stone. There is no wood used except for windows and doors and their frames. Steel I-beams are used for floor beams. Hollow tiles are laid

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between these beams and on top of these the glazed floor tiles are laid, bedded in a strong cement mortar. Wood floors are rare and are found only in hotels and in the houses of the wealthy, being generally parquet flooring. Stairways are of marble, with iron banisters, the latter occasionally having a handrail of wood. All houses have tile roofs.

Very little brick is used in building, concrete and reinforced concrete having taken its place. Pressed brick is occasionally used for the ornamental facing of buildings. Ordinary bricks are sometimes used for thin inner partitions and chimneys, but concrete is taking their place even for these uses.

Suitable clay for making brick is found throughout this district. All bricks used are manufactured locally, there being brickmaking plants in all the important towns of the district. In many instances these plants also make the roofing tiles and the glazed floor tiles. Most of the work is done by hand, and the machinery that is used is old and out of date.

It is impossible to obtain any data on the cost of making bricks, and such data if obtainable would be of little value, as the cost of labor is constantly increasing and no one can foretell what it will be after the war. It is believed that after the war there will be a market here for brickmaking machinery, as all industries will be endeavoring to substitute machinery for hand labor where possible.

There is in this section no building and construction work of importance at the present time. Soon, however, business will revive and possibly be more active than formerly because of the present enforced inactivity. This district in Italy is too far removed from the war zone to have suffered any losses on account of the war, so there will be no reconstruction work due to this cause.

Lost Sculpture of Rheims

Ralph Adam Cram, writing in the *Yale Review*, states: Four years ago the sculpture of Rheims was one of the three great original groups in France, the others being Chartres and Amiens. How they escaped, heaven knows, but they did. Saint Denis, Senlis and Laon, equal in beauty and in quality, fell easy prey to one set of sodden savages or another, until only a few precious fragments are left, mutilated almost beyond recognition. Paris has been further degraded by barbarous restoration, and therefore Chartres remains as the exemplar of the high hieratic school of the twelfth century, Amiens of the supreme fulfillment of the thirteenth; for the great gray cliffs of Rheims, with their matchless flowering of inconceivable, incred-

ible statues, have been blasted by shells and calcined by fire, and the exquisite sculpture of all the craftsmen of France has cracked, crumbled and fallen into indistinguishable dust.

I think it was the greatest sculpture of the Middle Ages; greater than Chartres, for this was merely a triumphant detail of architecture; greater than Amiens, since it was less cleverly naturalistic, more Greek in its proportion and line, and more vital and varied in its vivid characterization. Medieval sculpture is often dealt with as inferior, patronizingly commended as all very well, considering the time. I regard it as a school of sculpture that stands on the same level with that of Greece. Here at Rheims were many schools, many masters, and each following had its own personal qualities. In all, however, we find a truly Greek quality of line and composition, a sense of dignity and power that is unique, vivid and convincing characterization, and an indwelling devotion and religious passion that find their match neither before nor since.

A National Monument in Art

AN INTERESTING INTERVIEW WITH WILLIS POLK

Louis J. Stellman interestingly relates, in a recent issue of a San Francisco paper, the features of an interview with Willis Polk with reference to the movement on the Pacific Coast to design and erect dignified memorials to the men who have lost their lives in the war. This interview as written states:

Willis Polk came up to the office to see me this morning about the projected memorial to San Francisco's martyred sons, and, in the littered local room—a maelstrom of peace reports, election returns and all the eddying currents of humanity's life stream that surge about a newspaper office—we found an isle of comparative privacy, where we talked about architectural and memorial ideals.

Mr. Polk said that he was sorry the German revolt and the election had sidetracked even for a day the great enterprise to honor our heroes and that he had dropped in to insist on its being revived forthwith.

"This is more than a local project," he contended, his eyes shining with earnestness. "It is a precedent which San Francisco can establish for the nation—for the whole world. Why can't we make this movement a nucleus for an artistic revival in this country, which is now the center of empire and leader of human endeavor?"

"Nature will restore the balance of human life, of population. But nothing can restore the works of art destroyed by the vandal Hun. We cannot re-

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place the Cathedral of Rheims any more than we can put back the arms on the Venus de Milo. But America can, and America should, inspire the world with a new era of creative expression—especially now that the hearts of our people turn in boundless gratitude to the memory of our sons slain for Liberty. Countless monuments will be built in America and Europe. And it is our duty to make these beautiful and wonderful enough to mark in their construction a new creative epoch which will compensate in some measure for the art treasures lost in the war."

"But how shall we go about it?" I asked, somewhat aghast before this magnificent ambition.

"We must begin at the fountain head," Mr. Polk replied, "by putting our ideal in compellingly noble form before those men who can understand and spread the gospel. I shall place on the desk of every Senator and Representative at the next session of Congress this thought from Daniel H. Burnham, the master dreamer and builder of modern times," and he read to me from a typewritten slip:

"Make no little plans; they have no magic to stir men's blood and probably themselves will not be realized. Make big plans; aim high in hope and work, remembering that a noble diagram once recorded will never die, but long after we are gone will be a living thing, asserting itself with ever-growing insistency. Remember that our sons and grandsons are going to do things that will stagger us. Let your watchword be 'order' and your beacon 'beauty.'"

"This will be my first step," concluded Mr. Polk, "toward a project for the establishment of a national department of fine arts in the United States Government. Surely it is as important as many of the departments now in existence and its influence on our national life will be beneficial beyond all calculation."

This latter project is also being promoted by the Allied Council of Arts, of which Bernard R. Maybeck, designer of the Fine Arts Palace, is chairman. Thus it is likely that out of San Francisco's desire to enshrine the memory of her heroic dead will grow a national, perhaps a world, movement, inaugurating an epoch in creative art as distinct and important as the great art eras of past centuries.

Cooling by Compressed Air

In a recent address to the senior class of a technical school in Washington, D. C., Alexander Graham Bell described an interesting compressed-air plant operated by the Soci  t   de l'Air Comprim   in Paris, France.

Many of the Parisian caf  s and restaurants have cold rooms for the storage of perishable provisions, which are cooled by compressed air supplied by this company. At the central station, steam engines are employed to drive compressors which maintain a steady pressure of from 4 to 5 atmospheres, distribution being accomplished by large mains in the streets and branches extending to the caf  s and restaurants. As there are several hundred kilometers of these pipes under the streets of Paris, they form a huge reservoir of compressed air at the ground temperature.

In the cooling room of the caf  , the opening of a cock admits the compressed air, which, in expanding, produces the desired cooling effect, this cooling being increased by allowing the air to do work during the process of expansion. Dumbwaiters, elevators, and even sewing machines, are thus operated by means of compressed-air engines. A gas meter measures the amount of air admitted, and charges are made accordingly.

Big Dam Built by Americans

The largest dam in Europe, just completed in the Barcelona consular district of Spain, is the result of the work of American engineers and experts. It is built across the chasm through which the Noguera Pallaresa River flowed, and is situated near the old fortified town of Talarn. Abutting on almost perpendicular cliffs, the dam is constructed of concrete, and measures 330 ft. in height and 700 ft. in length. The thickness is 230 ft. at the base, gradually decreasing to 14 ft. at the top.

The valley above the dam was bought from the various landholders at a cost of nearly \$1,000,000, and now, filled with water, forms an artificial lake 15½ miles long and 3¾ miles wide. The flood gates are so carefully balanced that they open automatically under the pressure of a rise of 1 in. of water. The natural formation of the rock near the dam has been utilized to provide a spillway with a capacity of 70,000 cu. ft. of water a second.

The dam has a twofold object in the production of electric power and use in irrigation. The water that now passes through the power house yields an electric current of 20,000 hp. Later it will be increased to 40,000 hp. The water is carried by a system of canals into an arid district, where it irrigates a surface of nearly 100 square miles.

The cement used in the construction of the dam was made on the spot from limestone and marl found within a short distance and transported by a temporary railroad. The cement-making machinery, stone crushers, mixers, etc., were brought from the United States, as well as considerable quanti-

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ties of the other machinery and parts employed in building.

An obstacle that had to be overcome in this construction work was the lack of communication. This necessitated the running of a telephone line from Barcelona to the dam and the building of a road more than 11 miles long, part of which was cut through a canyon at heavy expense. Over this road two traction engines hauled the building material on platform cars of American manufacture.—

Scientific American.

United States for Metric System

The American Section of the International High Commission has just adopted a resolution recommending more extensive use of the metric system in the trade and commerce of this country. The commission has regarded this subject as of particular importance in the United States. One of the main obstacles to documentary uniformity as between the United States and Latin America is to be found in the fact that the United States does not make the use of the metric system obligatory, and consequently its consular documents have to allow the use of that system merely as optional.

Any uniform system of classifying merchandise, however, will require on the part of the United States thorough-going and complete adherence to the metric system. Of more importance than statistical and administrative questions is the use of the metric system in trade. Now that the United States is obviously being drawn into closer and more vital commercial relations with the rest of the world, and particularly with Latin America, our manufacturers and exporters will be obliged to meet the demands of their prospective customers in a somewhat more accommodating frame of mind than hitherto. Only the English-speaking nations still have to adopt the metric system of weights and measures, and among them the British Empire.

Concrete Cracked by Electricity

Concrete may be cracked and ruined by the action of electric currents on iron bars embedded therein for reinforcement. The United States Bureau of Standards reported this action some time ago, and

it is now being seriously studied by experts, we are told by an editorial writer in *Chemical and Metallurgical Engineering*. The current promotes chemical action and forms layers of iron oxide, with an accompanying expansion of 220 per cent, cracking the concrete. At the same time the alkaline constituents of the cement are concentrated, softening the mass and making it easily crushed or broken. What creates the current is not accurately known; but it may be partially due to differences in concentration caused by surface evaporation. Says the editor of the paper named above:

"Exhaustive studies of this corrosion are being made. It is fundamental to modern engineering practice that means for overcoming it should be found at once. The domains of the chemical and civil engineers overlap here, and it is incumbent on the former to use his most efficient research methods and find the solution of the problem.

"Ordinary rust-proofing methods are not available, except for a limited use of paint, which has certain serious defects. . . . However, while chemists and engineers seek a means of checking the corrosion, why not change the design of reinforcements so that this internal pressure will not have to be counteracted by the low tensile strength of concrete? A trial might be made on heavy rolled metal fabricated with a pipe machine but not welded at the lap. Lateral strains produced by the increment in volume of the reinforcements due to rust would be absorbed by deflecting the tubular bars."

Idea of Service

The new conception of what men owe to themselves and to each other, which has been fostered by the common sufferings and undertakings of the war, is permeated by the idea of service. That idea is expressed in a host of men drawn from every corner of the world to put down once and for all the injustices of a military autocracy. It runs through the thought of all those who stand behind these armies. It is the very heart of the ideal for which we fight. Whatever terms of peace are drawn the animating purpose of them will be service. And it is upon a basis of service that the enduring plans of any nation for reconstruction will be grounded.

Department of Architectural Engineering

Effect of Time of Mixing on the Strength of Concrete*

By PROF. DUFF A. ABRAMS

Structural Materials Research Laboratory, Lewis Institute, Chicago

Part III

IT is interesting to note that the strength of timber is affected by changes in water content in exactly the same manner as concrete. Any addition of moisture above the bone-dry condition causes a reduction in strength. The law of change in strength is of exactly the same form as equation (1). This fact connotes a remarkable similarity in the molecular structure of timber and concrete. (For discussions of timber tests, see reports of U. S. Forest Service, and Forest Products Testing Labor-

the grading of the aggregate remained constant (1-4 mix, aggregate 0-1¼ in.) but the amount of mixing water varied from what we call 90 per cent relative consistency to 200 per cent. This corresponds to a range in the water content from a

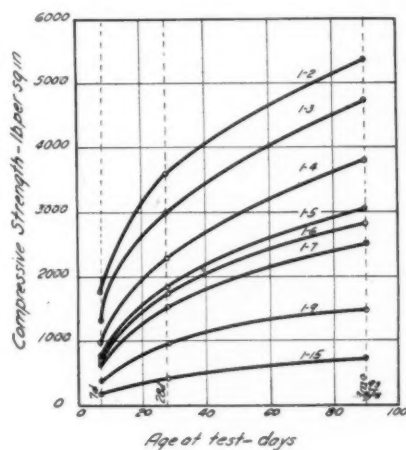


FIG. 18—EFFECT OF AGE ON THE STRENGTH OF CONCRETE

Series 93—Aggregates graded 0-1¼ in. Each point is the average of 24 tests from 6 times of mixing. Compare Figs. 10 and 19.

atory, or consult recent reference books on materials of construction.)

EFFECT OF TIME OF MIXING ON STRENGTH

Tests were made on the effect of time of mixing for mixing periods of 15 seconds to 10 minutes in both Series 89 and 93. In Series 89 the mix and

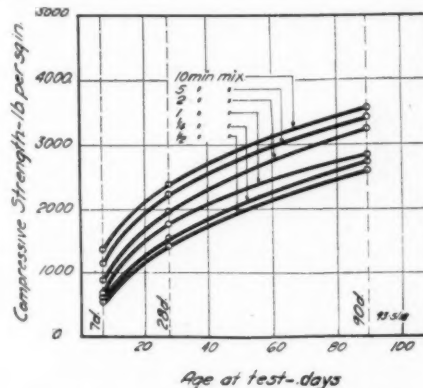


FIG. 19—EFFECT OF AGE ON THE STRENGTH OF CONCRETE

Series 93—All aggregates graded 0-1¼ in. Each point is the average of 32 tests; 8 different mixes. Compare Figs. 10 and 18.

rather stiff to a very wet mix, and a water-ratio of 0.65 to 1.45. In Series 93 two variations in the proportions were made. In the first group of tests the grading of aggregates remained constant, (0-1¼ in.) but the mix was varied from 1-2 to 1-15. In the second group in this series the mix remained constant (1-5) but the grading of the aggregate varied from sand, 0-14, to a very coarse concrete aggregate, graded 0-2 in.

GENERAL DISCUSSION OF TIME OF MIXING

Table 7 gives the relative strengths of concrete for mixing periods varying from 15 seconds to 10 minutes for representative ranges of the variables. The values are based on the general trend of values from these tests. The percentages are referred to

*Continued from our issue of December 18, 1918, page 750.

the strength of the same concrete mixed 1 minute. This period was chosen for comparison for the reason that 1 minute is generally specified as a minimum mixing time for first-class concrete such as that used in road and building construction.

The strength increases with increased time of

of different consistencies, mixes, etc. The strengths have been reduced to a percentage of the strength of the same concrete at 1-minute mixing.

It should be borne in mind that these values do not necessarily represent conditions for mixers of other types or sizes.

Concrete of Different Consistencies—The tests in Series 89 show the effect of time of mixing when concrete of different consistencies is used. The relative values in Table 7 show that the drier mixes are more affected by continued mixing than the wetter ones; for instance, from $\frac{1}{2}$ to 2-minute mixing we find an increase from 89 to 112 per cent for 90 per cent consistency, and from 98 to 105 per cent for 200 per cent consistency. For the usual range in

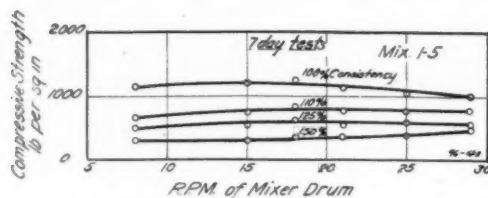


FIG. 20—EFFECT OF RATE OF ROTATION OF MIXER DRUM ON STRENGTH OF CONCRETE

Series 96—1-5 mix; 7-day tests. In general the values are the average of 4 tests. The 110% consistency was mixed in triplicate on different days; each value on this curve is the average of 12 tests.

mixing in every instance. The effect is shown graphically in many of the diagrams. In all of the tests the strength increases rapidly for the first few seconds of mixing with a gradual reduction in the rate of increase. The relation between strength and mixing-time gives a smooth curve if the values are plotted to direct scale. The tests show a consistent relation in all cases between the time of mixing and the other factors.

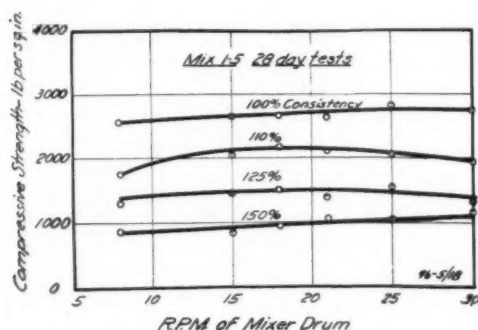


FIG. 21—EFFECT OF RATE OF ROTATION OF MIXER DRUM ON STRENGTH OF CONCRETE

Series 93—28-day tests similar to Fig. 20.

These curves express the law of change in strength for different mixing periods and indicate the true relation up to the maximum period covered by these tests; that is, 10 minutes. The maximum time to which this relation may hold was not determined, but it is obvious that it cannot be continued beyond the period at which setting of the cement begins.

The values in Table 7 show what may be expected from varying the time of mixing of concrete

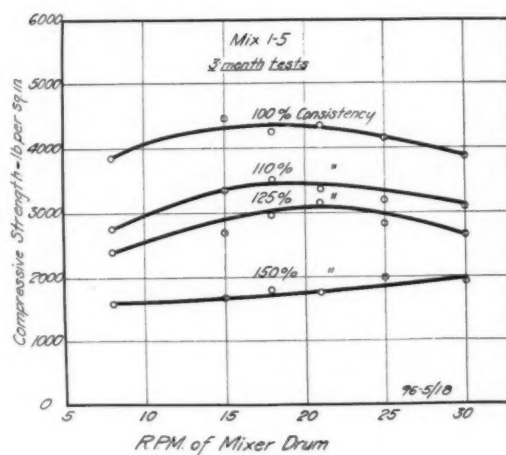


FIG. 22—EFFECT OF RATE OF ROTATION OF MIXER DRUM ON STRENGTH OF CONCRETE

Series 93—3-month test similar to Figs. 20 and 21.

consistencies which should be aimed at in most work, say, 110 to 125 per cent, changing the mixing time for a 1-4 mix of ordinary aggregates from $\frac{3}{4}$ to $1\frac{1}{2}$ or from 1 to 2 minutes causes an increase in the strength of about 10 per cent.

From the values in Table 7 it will be seen that mixing a concrete of 125 per cent consistency for 10 minutes gives about the same strength as mixing 110 per cent for 1 minute. The use of 2 to 3 pints of water more than necessary in a 1-bag batch of concrete is sufficient to counteract the beneficial effects of increasing the mixing time from $\frac{3}{4}$ to $1\frac{1}{2}$ minutes or from 1 to 2 minutes. No reasonable increase in the period of mixing concrete will compensate for the use of an excess of water in the batch.

Concrete With Different Quantities of Cement—See Series 93 (Figs. 11-12), and Table 7. The lean mixes show a much greater relative increase in

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strength with continued mixing than do the rich mixes. The mixes tested varied from 1-15 to 1-2. For mixing periods from $\frac{3}{4}$ to $1\frac{1}{2}$ minutes or from 1 to 2 minutes the increase in strength at 28 days was about 19 per cent for the leanest mixes and 7 per cent for the richest. These percentages are based on the strength at 1-minute mixing. These percentages are not sensibly different for ages of 7 days or 3 months.

Concrete With Aggregates of Different Size—See Series 93 (Fig. 13-14) and Table 7. Concrete with aggregates of small sizes is more affected by continued mixing than similar concrete with aggregates graded up to coarse sizes. The sizes tested ranged from 0-14 mesh to 0-2 in. For instance, from $\frac{1}{2}$ to 2 minutes for a 1-5 mix we find an increase from 64 to 136 per cent for 0-14 aggregates, and from 91 to 109 per cent for 0-2-in. aggregates.

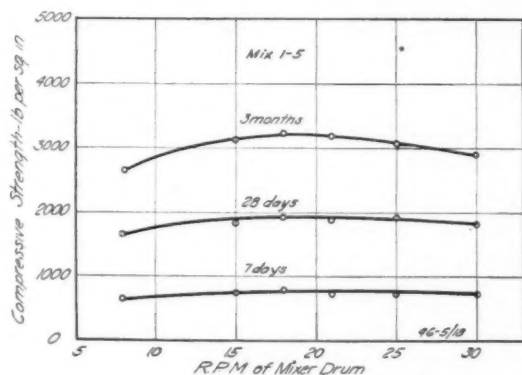


FIG. 23—EFFECT OF RATE OF ROTATION OF MIXER DRUM ON STRENGTH OF CONCRETE

Series 96—Each curve is the average of all consistencies for a given rate.

While the concrete made of fine aggregates increases in strength more rapidly with time of mixing than the coarse, it is not feasible to compensate very great changes in the size and grading of the aggregate by additional mixing. In order to obtain the same strength as given for by 1-minute mixing of 0-1 $\frac{1}{4}$ -in. aggregate, we would have to mix 0- $\frac{3}{4}$ -in. aggregate for 10 minutes. This, of course, is only an indirect influence of the water ratio occasioned by differences in size and grading of the aggregate.

Further Remarks on Time of Mixing—If the evidence of these tests is a satisfactory guide, it appears that there has been a tendency to overestimate the beneficial effects of increased mixing. It is shown that with this mixer the increase in strength which accompanied increases in mixing time from $\frac{3}{4}$ to $1\frac{1}{2}$ minutes or from 1 to 2 minutes for usual concrete is only about 10 per cent of

the 1-minute strength. It seems doubtful if the increased cost of mixing each batch $\frac{3}{4}$ to 1 minute longer is justified by an increase of 10 per cent in strength. It is the writer's belief that if concrete is mixed one full minute after all materials are in the drum, we are getting about the maximum efficiency if the output of the mixer is the factor which controls the amount of work done. Unfortunately, many contractors interpret a 1-minute mixing time requirement in the specification as mean-

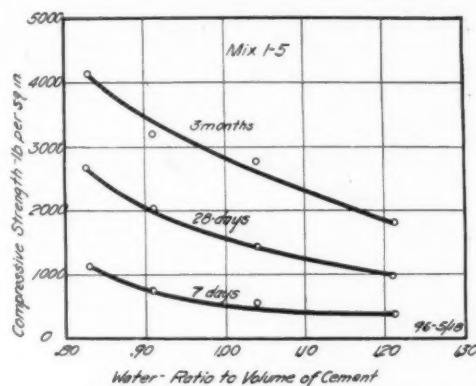


FIG. 24—INFLUENCE OF WATER ON THE STRENGTH OF CONCRETE

Series 96—Each point is the average of all rates of rotation for a given consistency. Compare Figs. 4, 5, 16, 17 and 30.

ing 60 seconds if materials happen to be moving slowly, and 10 to 30 seconds when materials are being delivered as intended.

It is folly to insist on a few seconds' increase in mixing time beyond the 1-minute period until more attention has been given to reducing the mixing water within proper limits; especially since we have seen that the wet mixes show decidedly less benefit from continued mixing than the drier ones. A statement made above will bear repetition namely: No reasonable increase in the mixing time will compensate for an excess of water in the batch.

WEAR TESTS OF CONCRETE

Wear tests of concrete were made at the age of 2 months in Series 89 on a 1-4 mix, aggregates consisting of gravel graded 0-1 $\frac{1}{4}$ in. This mix conforms closely to that generally used in concrete road construction. The blocks were stored in damp sand until two days preceding the test, when they were removed to the open room and permitted to dry out. This was done in order that the loss in weight of the blocks due to evaporation might not influence the indications. The wear of the concrete was determined on the basis of the loss in weight during the test. The loss of weight was reduced to the equivalent depth of wear. This seems

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to be a better measure of the wear, since the loss expressed as a percentage of the weight would be greatly influenced by the original thickness of the block, the unit weight of the aggregates, etc.

In Fig. 6 the influence of the time of mixing on the wear of concrete is shown for the average of

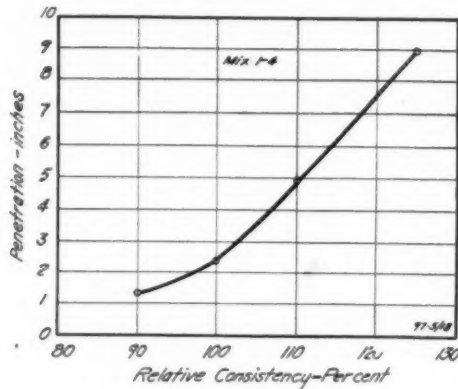


FIG. 25—PENETRATION TEST FOR CONSISTENCY OF CONCRETE

Series 96.—Method described on page 715.

six consistencies. The wear increases very rapidly as the mixing period is reduced below about 1 minute. For mixing periods between 2 and 10 minutes there was practically no variation in the wear. The average wear ranged from 0.65 in. for the longer

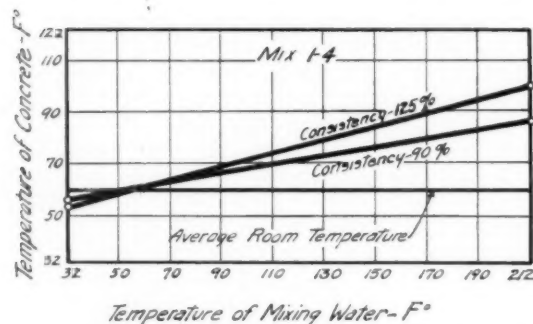


FIG. 26—TEMPERATURE OF CONCRETE PRODUCED BY MIXING WATER AT DIFFERENT TEMPERATURES

Series 97—Consistencies between 90 and 125% are omitted.

periods of mixing to 0.9 in. for 15-second mixing. It should be borne in mind that in Fig. 6 the six consistencies were averaged, and that the average consistency is much wetter than should be used in road work.

Fig. 7 shows the influence of water-ratio of the concrete on the wear. Here the tests at different

times of mixing are averaged. The average wear in this case ranges from 0.55 to 1.1 in., being highest for the wet mixes. The influence of water on wear is approximately the reverse of that found for the strength.

Small changes in the water ratio exert an important influence on the wear. The wear increases at a more and more pronounced rate as the water is increased.

We have sufficient data for a study of the relation between the wear and compressive strength of concrete for a given age. This relation is shown

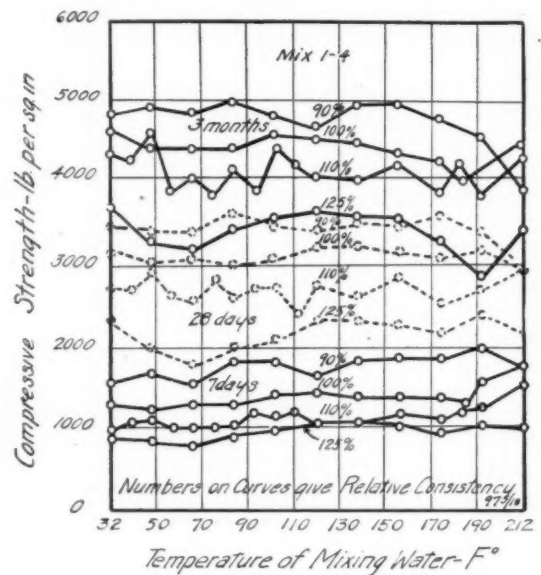


FIG. 27—EFFECT OF TEMPERATURE OF MIXING WATER ON THE STRENGTH OF CONCRETE

Series 97—Each value is the average of 10 tests; 5 from each of 2 batches mixed on different days.

in Fig. 8. Here each consistency is plotted separately. The results of an earlier series of tests made in the same rattler on 1-4 hand-mixed concrete, at the age of 4 months from Series 75 (details not given in this article) are shown in Fig. 9.

The Talbot-Jones rattler has proven entirely successful as a method of studying the wear of concrete. The abrasive charge, and the rate and number of revolutions used in these tests have been found to give a wearing action suited for a wide range in the properties of concrete. A very poor concrete may be entirely destroyed, a high-grade concrete will show a wear of $\frac{1}{2}$ in. or less.

COMPARISON OF HAND AND MACHINE MIXING

In Series 93 parallel tests of hand-mixed concrete were made for comparison with the machine-

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mixed specimens. The two sets of tests were made from the same materials under the same conditions. The hand-mixed specimens were mixed separately; the four cylinders in a set were made on different days. The tests show that in general the method of hand-mixing, by means of a bricklayer's trowel, which has been used in most of our research work, gives results sensibly equivalent to that found by mixing concrete in the mixer for a period of $1\frac{1}{2}$ minutes.

The concrete made by using fine sand for aggregate gave a strength for hand-mixing more nearly equivalent to 2 to 5 minutes machine-mixing. Whether this indicates a relative excess in the hand-mixing for the finer sands, or a difference in the performance of the mixer, it is impossible to state; probably both of these factors affect the result.

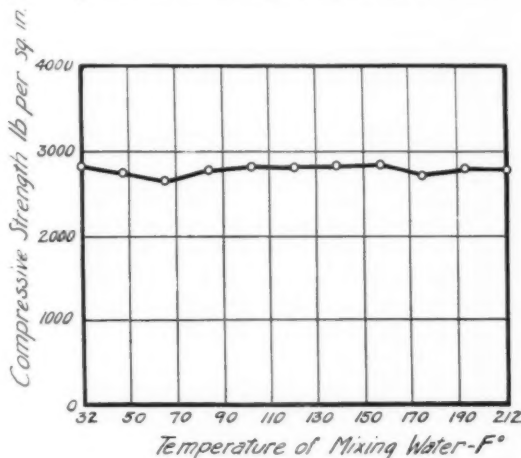


FIG. 28—EFFECT OF TEMPERATURE OF MIXING WATER ON THE STRENGTH OF CONCRETE

Series 97—Each value is the average of 120 compression tests of 6 by 12-in. cylinders. This curve is the average of the 12 curves in Fig. 27.

The mean errors of the tests show about the same variation in four machine-mixed specimens from the same batch as for four hand-mixed specimens made from separate batches on different days. The average mean errors for the 14 sets of 28-day tests in Series 93 are:

Machine	10.4 per cent
Hand	11.9 per cent

The mean errors are greatly reduced if a larger number of specimens are made for a given condition. In most of our experimental work five specimens constitute a set; in some instances this number is increased to ten or even twenty.

EFFECT OF RATE OF ROTATION OF MIXER DRUM

In Series 96 tests were made on 1-5 mix, aggregates graded to 0-1 $\frac{1}{4}$ in. for four different con-

sistencies in which the rate of the rotation of the drum was varied from 8 to 30 r.p.m. Tests have been completed in this series at ages of 7 and 28 days and 3 months. The 1-year tests are not yet due. The results of these tests are given in graphical form in Fig. 20 to 23. In Fig. 23 all consistencies have been averaged for each age. It is seen that the rate of rotation of the mixer drum exerts only a slight influence on the strength of the concrete for rates between about 12 to 25 r.p.m. For the low and the very high rates there is a slight reduction

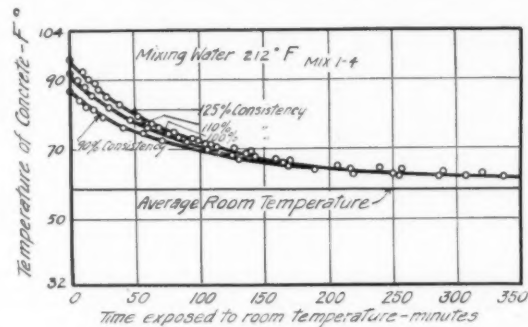


FIG. 29—TEMPERATURE OF CONCRETE IMMEDIATELY AFTER MOLDING SPECIMEN

Series 97—A similar set of curves may be constructed for other temperatures of mixing water.

in strength. The rate of 18 r.p.m. recommended by the manufacturer for this machine corresponds closely to the rate for maximum strength. This rate gives a peripheral speed of 150 ft. per minute for the maximum diameter of the inside of the drum.

In studying these series of tests particular weight should be given to the 110 per cent consistency, since these tests are the average of three batches for each rate mixed on different days. However, there seems to be little difference in the behavior of concretes of different consistencies with reference to the effect of the rate of rotation.

EFFECT OF AGE ON STRENGTH

In Series 89, 93, 96 and 97 compression tests were made at ages of 7 days, 28 days and 2 or 3 months. Other tests will be made in Series 93 and 96 at the age of 1 year. The data in the tables enable us to make a study of the increase in strength with age. It should be borne in mind that all the specimens were stored in damp sand until tested.

Figs. 10, 18 and 19 show the relation of age to strength plotted to a direct scale of ages in days.

The important thing is that at no time is there any falling off in the strength of the concrete. The erroneous opinion held by many that concrete decreases in strength with age is based on the results

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of briquet tests of cements and mortars. This reveals a fundamental objection to the briquet. A retrogression in strength of concrete has not been found in any group of tests made in this laboratory. Hundreds of groups have been tested at ages from 7 days to 1 year or older. This increase in strength persists regardless of mix, size of aggregate, consistency of concrete, time of mixing or other variables. Reports of published tests show that a similar relation exists up to periods of nine years. It is not known how long this increase in strength continues, but there is no apparent reason why it should cease, so long as the concrete does not dry out and we do not exceed the strength of the aggregate.*

From calculations we should expect the following strengths for concrete of the quality used in these tests at the ages shown:

1	1	3	1	2	5	10
week.	month.	months.	year.	years.	years.	years.
660	2050	3100	4440	5100	5900	6600

Using the 1-month strength as a basis of comparison, we obtain the following percentages:

32%	100%	183%	240%	250%	288%	322%
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The relatively low strengths at the earlier ages are probably due to the fact that the tests were made in mid-winter. The specimens were stored in the basement where the temperature was somewhat low. Tests made under normal atmospheric conditions show a strength at 7 days of from 40 to 50 per cent of the 28-day strength.

There is no further increase in strength after the concrete has thoroughly dried out. The fact that increase in strength continues so long as the concrete is kept damp, and ceases as soon as it becomes dry, emphasizes the necessity for protecting concrete from too early drying and for continuing the curing in a damp condition as long as possible.

It is interesting to note that the increase in strength of concrete with age (if kept damp) is analogous to that found by increasing the time of mixing, increasing the quantity of cement or using coarser aggregate. The last two items, of course, may be combined in the one item of reducing the water-ratio of the mix. *It appears that proper curing is by all odds the cheapest method of getting full value from the cement used.*

EFFECT OF TEMPERATURE OF MIXING WATER

In Series 97 compression tests were made on concrete of 1-4 mix in which the temperature of the mixing water ranged from 32° to 212° F. Duplicate batches were mixed on different days, using four

different consistencies. Fig. 27 shows the average strengths obtained at 7 and 28 days and 3 months. An average curve for all consistencies and all ages is shown in Fig. 28. It may be surprising to find that such a wide range in temperature should make no more change in strength. The reason for the uniformity in strength is found in Fig. 26 and 29.

Fig. 26 shows how the temperature of the concrete is influenced by the temperature of mixing water. The temperature of the concrete was determined by inserting a thermometer in the fresh concrete immediately after molding the specimens. For average consistency the temperature of mixing water must be changed about 5° in order to produce 1° change in the temperature of the fresh concrete. There is only a small difference for wide range in consistencies.

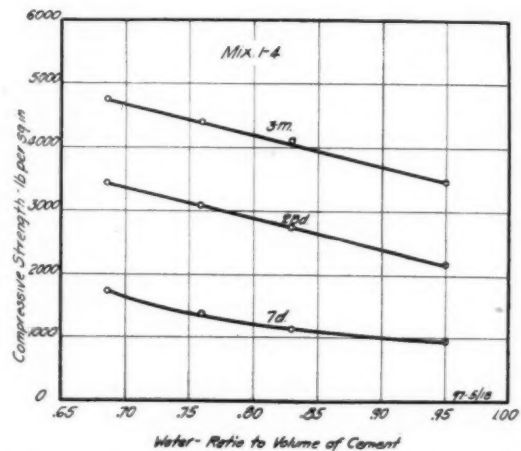


FIG. 30—INFLUENCE OF WATER ON THE STRENGTH OF CONCRETE

Series 97—Each value is the average of 110 tests; 10 tests for each of 11 different temperatures. These curves approximate straight lines due to the narrow range in the water content. Compare Figs. 4, 5, 16, 17 and 24.

Fig. 29 shows that, regardless of the consistency, the concrete rapidly approaches room temperature. The most favorable condition is platted—mixing water at the boiling point. The concrete probably reaches room temperature before initial setting of the cement occurs.

It is important to note that the mixing water near the boiling point has no injurious effect. It has been reported recently that certain concrete was defective on account of being "cooked" by using boiling water for mixing.

In large masses of concrete the use of hot water for mixing will exert a greater influence on the temperature. In freezing weather hot water is advantageous in eliminating danger from frozen aggregates.

*For a more detailed discussion see "Effect of Age on the Strength of Concrete" by D. A. Abrams, Proceedings American Society for Testing Materials, 1918.

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YIELD AND DENSITY OF CONCRETE

In all the tables values of "density" and "yield" of concrete are given. The yield is based on the volume of aggregate as used; for example, a yield of 1.025 means that the volume of concrete is $2\frac{1}{2}$ per cent greater than the volume of the mixture aggregate. The method of determining the unit weights of aggregates described before gives volumes of aggregates which correspond closely to the actual quantities of materials in a concrete of the usual mixes. The yield is only slightly affected by time of mixing; the longer mixing times giving slightly lower values than the short.

The term "density" is used to express the total volume of solid material in the fresh concrete. It is based on the specific gravities of the cement and aggregate, the proportions of the materials and the yield of the concrete. The density is only slightly affected by time of mixing of the concrete; it is more influenced by variations in consistency, mix, grading of aggregate, etc. There is in general no definite relation between strength of concrete and density. The relation is sometimes direct and sometimes the reverse if we consider all possible proportions of given materials. The maximum density for these materials was found in the 1-7 and 1-9 mixes. It will be noted (Table 5) that the rich mixes give lower densities than the leaner ones.

With systematic variations in some one factor in either the proportions of given materials or in the manipulation of the concrete, we generally find a systematic relation between strength and density. Wide variations in strength of concrete are accompanied by slight changes in density. Density can be determined only after the concrete is mixed and necessitates many careful weighings and measurements, as well as a laborious computation. The water-ratio gives a much more usable function for judging of the relative strength of concrete of any proportion. No special determinations or calculations are necessary. The only requirement is that the quantities of water and cement be known. The relative strength of concrete can be determined before mixing. Other tests have shown that this method is applicable to any aggregate if the quantity of water absorbed is taken into account.

The reader is cautioned against attempting to draw conclusions from these tests with reference to the use of the density of the concrete as a method of proportioning aggregates, since no variation was made in the character of sieve analysis curves of the aggregates used. Other tests have shown that wide variations in density may occur, due to variations in the grading of the aggregate without any change in strength.

(To be continued)

Zoning and Reconstruction

By HERBERT S. SWAN

Executive Secretary, Zoning Committee, New York

OUR cities have been so engrossed in the war that they have not recognized the importance of immediate zoning as a step necessary to reconstruction after the war.

With or without zoning, billions of dollars will be spent within the next few years on new buildings. That this money should be spent toward the permanent upbuilding of communities goes without saying. And yet if zoning is not generally adopted many of these buildings will be erected in localities never intended for them in a comprehensive city plan. The expected revival in building operations after the war makes the present adoption of zoning especially opportune, for the lines followed by this development will determine what kind of places many of our cities will be to live in and to do business in for generations to come.

The time to zone our cities is now. Every year that is allowed to lapse without the adoption of zoning means that much less zoning in the end. Here is a quiet residential street improved with private dwellings. If zoned now, this street may be maintained for detached houses. Wait until next year to adopt a zoning scheme and the erection of two or three tenements will place it in the tenement-house class. The erection of a factory or a garage may even put it in an industrial zone. To protect what we have got, we must have zoning.

PURPOSE OF ZONING

Zoning expresses the idea of orderliness in community development. Just as we have a place for everything in a well-ordered home, so we should have a place for everything in a well-regulated town. What would we think of a housewife who insisted on keeping her gas range in the parlor and her piano in the kitchen? Yet anomalies like these have become commonplace in our community housekeeping. In what city can't we find gas tanks next to parks, garages next to schools, boiler shops next to hospitals, stables next to churches, or funeral establishments next to dwelling houses? What would be considered insanity if practised in the ordinary house is excused as an exercise of individual liberty when practised in the city at large. And yet misplaced buildings are to be condemned much more than out-of-place pieces of furniture.

The whole purpose of zoning is to encourage the erection of the right building in the right place. It protects the man who develops his property along proper lines against the man who develops his prop-

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erty along improper lines. Rightly understood zoning means the substitution of an economic, scientific, efficient community program of city building for wasteful, inefficient haphazard growth.

ZONING EXPERIENCE OF NEW YORK

In New York the testimony of real estate experts is almost unanimous that the adoption of the zoning resolution has stabilized land values. The effect of the zone plan has been particularly noticeable in the districts reserved for detached houses. In such districts there has been an increased demand for private residences since the enactment of the zoning resolution. The restrictions have resulted in a great improvement of real estate conditions in such neighborhoods. Where the prohibitions against objectionable uses of land imposed by restrictive covenants were formerly limited in their duration they are now permanent.

The zoning resolution in assuring these districts of an orderly development in the future has strengthened values to a considerable degree. Free from any fear of invasion from garages, stores or apartment houses, the home owners in these districts are settling down to enjoy the relief which the zoning resolution has given them. In some of these sections there are fewer houses for sale than at any time during the last five years.

The beneficial effect resulting from the zone plan is also shown in other ways: vacant land in some sections sold until the war intervened at higher prices than it did before the adoption of the resolution. New houses now being erected are of a higher type and better finish than the old ones in the same districts. Viewed in every way, the zone plan is proving of inestimable value to the private home sections of the city.

Business streets, too, are feeling the wholesome effects of the law. Keeping business off residential streets means keeping it on business streets. Haphazard development hurts business property as much as it does residence property. The sporadic store invading quiet home streets not only demoralizes residential values; in decentralizing the shopping district it also disintegrates business values.

Viewed in every way the experience of New York has clearly demonstrated that no large city can afford to do without zoning.

POST-WAR NEED FOR ZONING

To the owner of neighboring property the invasion of an injurious use often spells financial

ruin—a ruin even more complete than if his building were destroyed by fire, for in that event his loss would be made good in part at least by insurance. But for the values destroyed in blighted districts there is no insurance; each owner must stand his own loss.

The individual's loss is also the public's loss. To the former the invasion of offensive uses spells depreciated values, increased vacancies, lower rentals, the calling of mortgage loans, foreclosure; to the latter, reduced assessments, unpaid taxes, tax sales.

The present high cost of labor and materials emphasizes as never before the necessity of orderly building. With two houses worth as much as three several years ago, there is much more to be lost now than formerly through uncontrolled building.

Mounting prices make it increasingly more necessary to conserve the value of all buildings, old no less than new, from premature and avoidable depreciation.

Taxes on real estate were so heavy before the war that many cities, hard pressed for additional income, were already searching for new sources of revenue. The tax on land and buildings, it must be remembered, yields all the way from 30 to 70 per cent of the total municipal revenue in different cities. In the average city it yields 56 per cent. Under these circumstances it is quite evident that the stabilization of real estate values is of fundamental importance to the improvement of the municipal revenue system. After the war it promises to assume even greater importance. The tremendous financial demands of the war in forcing the national government not only to increase existing taxes but to impose many new ones has had the effect of shutting off many potential sources of revenue to the local governments and of throwing them permanently back upon the real estate tax as the continued mainstay of their revenue system.

LEGISLATURES SHOULD PASS ENABLING LEGISLATION

Nearly everybody recognizes the benefits of regulated building, and yet our cities have been exceedingly slow to adopt zoning. Indeed, the vast majority of our cities do not even possess the necessary power to control their own growth.

This is something to be remembered by our state legislatures this winter. In enacting laws on the subject of reconstruction after the war they should not forget zoning.

Industrial Information

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

Cut Coal Cost

A unique way of bringing your product to public notice is to collate in one volume all the typical advertisements you have published in various media during a given period. This has been ably done by the Magnesia Association of America, Bulletin Building, Philadelphia.

As an example of educational advertising, this collection deserves commendation. It is a concise exposition of what "85% Magnesia" represents, and in a field of unquestioned importance to the architect.

The facts given in these advertisements are substantiated by the Mellon Institute of the University of Pittsburgh, whose investigations and research corroborate all claims made. The Mellon Institute of Industrial Research is recognized by experts in mechanical and chemical technology as an accepted scientific authority.

This product has for its object the insulation of pipe and the conservation of coal. Every inch of it, the makers state, contains millions of air-cells.

To every 85 parts of carbonate of magnesia, asbestos is added as a binder to give structural strength. This material has been subjected to most severe tests, including flood and fire, and has been found in excellent condition after many years of steady, strenuous service.

The attitude of the architectural and engineering professions toward "85% Magnesia" is disclosed by the fact that it has been installed in some of the largest and most important buildings in the country. The Woolworth, the Grand Central and Pennsylvania Stations, the Public Library in New York, the Capitol at Washington, the Massachusetts Institute of Technology—these are but a few.

The increasing cost of coal and oil, our principal sources of heat, is realized, and our supplies of these resources are not unlimited. Much of our steam is wasted in flues and stacks, and much leaks out through valves and fittings, despite the need for the closest economy in these directions. An analysis of waste in heating processes is presented in this catalogue and other literature printed by the Magnesia Association. The saving of coal, and the maintenance of a high degree of steam efficiency are of indisputable importance at the present time.

The booklet, "Defend Your Steam," one of this series of pamphlets, discusses the subject of steam

efficiency and its relation to pipe covering. All this literature is shot through with facts on the subject of heat which will simplify and clarify all the intricacies of this phase of physics, and will enable architects to impart valuable information to their clients in an easily available form.

A Correction: Let There Be Good Light!

It would seem an ambitious undertaking to teach one how to know good lighting. But to show that it is easily accomplished, one has only to send for the interesting booklets on this subject issued by the National X-Ray Reflector Co., of Chicago and New York.

Light is a subject of tremendous importance to every architect. The lighting facilities of a building often make the difference between its success and failure as an investment.

Is it not therefore necessary for the architect to learn all there is to know on this subject? Is it not worth while to learn the appropriate application of direct lighting, indirect lighting and flood lighting? Is it not well to consider the psychological effects upon workers of various kinds of illumination, and to use in the most effective way the truths which experiment has made known?

Residence, school, library, hospital, church, museum or store, can all be given a lighting particularly adaptable for a structure of its type. Do you know which to use? Charts, diagrams and copious illustrations in these booklets tell you.

The National X-Ray Reflector Co. maintains a research department which from time to time publishes authoritative data as a guide to architects in planning and installing correct lighting. These cover specific types of structures—churches, banks, hospitals, etc.

The reflector made by this company comes in a variety of shapes and sizes to suit all the general and special conditions involved. It is made in one piece, corrugated to break up the light rays and give uniform diffusion. The high efficiency claimed for it is said to be of long duration, as its silver reflecting surface is protected on the inside by glass and on the outside by a special backing. It is for these reasons not exposed to the deteriorating influence of dust accumulation or of handling. An

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excellent quality of glass is claimed to be used, being both tough and clear.

The results of poor lighting—accidents, spoiled work, low production, eye strain—are all too well known and unfortunately experienced to need discussion. If they can be eliminated, and without great cost, why not go to it?

Pressed Steel Products

The Truscon Steel Co. of Youngstown, Ohio, long recognized as makers of pressed steel parts, are now expanding the field of their activity. In a leaflet recently received are fully described the facilities which this company has for providing good service. A skilled organization has been built up and a factory very completely equipped for this kind of work has been developed. It is managed by a man who for twenty-five years has devoted his entire effort to the manufacture of pressed steel parts. So intimate a knowledge of the business as

this presupposes, together with an efficient engineering force, places the company in a position to give valuable assistance to manufacturers and builders.

The location of the company in the center of the steel district makes possible early receipt of raw material; its ample, modern factories, directly connecting with four railroads, secure prompt shipments and deliveries to the consumer.

The variety of Truscon products is large and constantly increasing; many articles formerly made of cast or malleable iron are now more successfully made of steel.

With the equipment and progressiveness of this concern, it is reasonable to believe that it will become a popular source of supply for all such parts.

The company will welcome an opportunity to be of assistance to manufacturers, and asks that inquiries be addressed to the Pressed Steel Department, Truscon Steel Co., Youngstown, Ohio.



A GROUP OF FARM BUILDINGS BY ALFRED HOPKINS, ARCHITECT

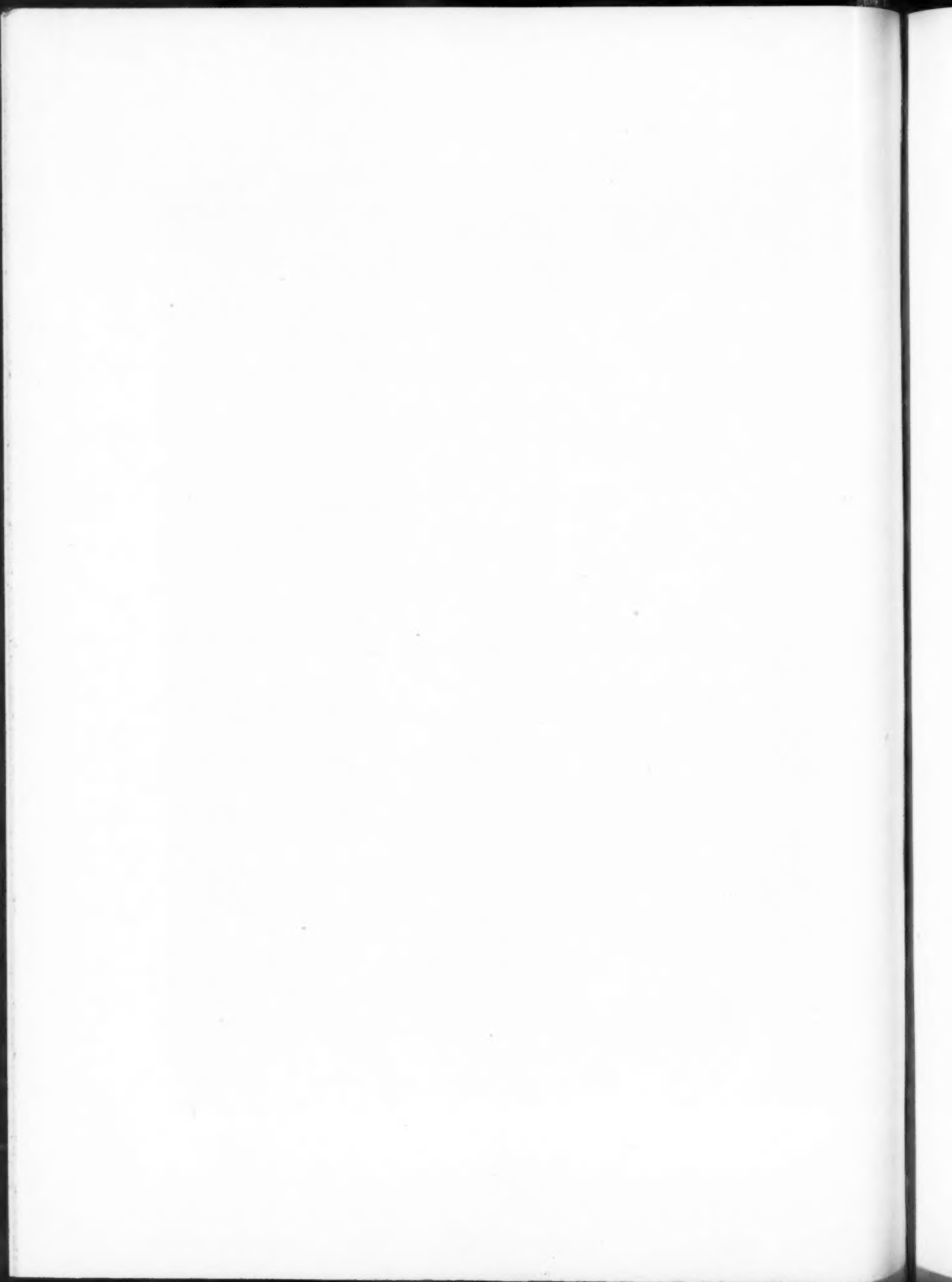


PLATE 194

DETAIL OF PORTICO

HOUSE OF M. C. HEATH, COLUMBIA, S. C.

EDWARDS & SAYWARD, ARCHITECTS



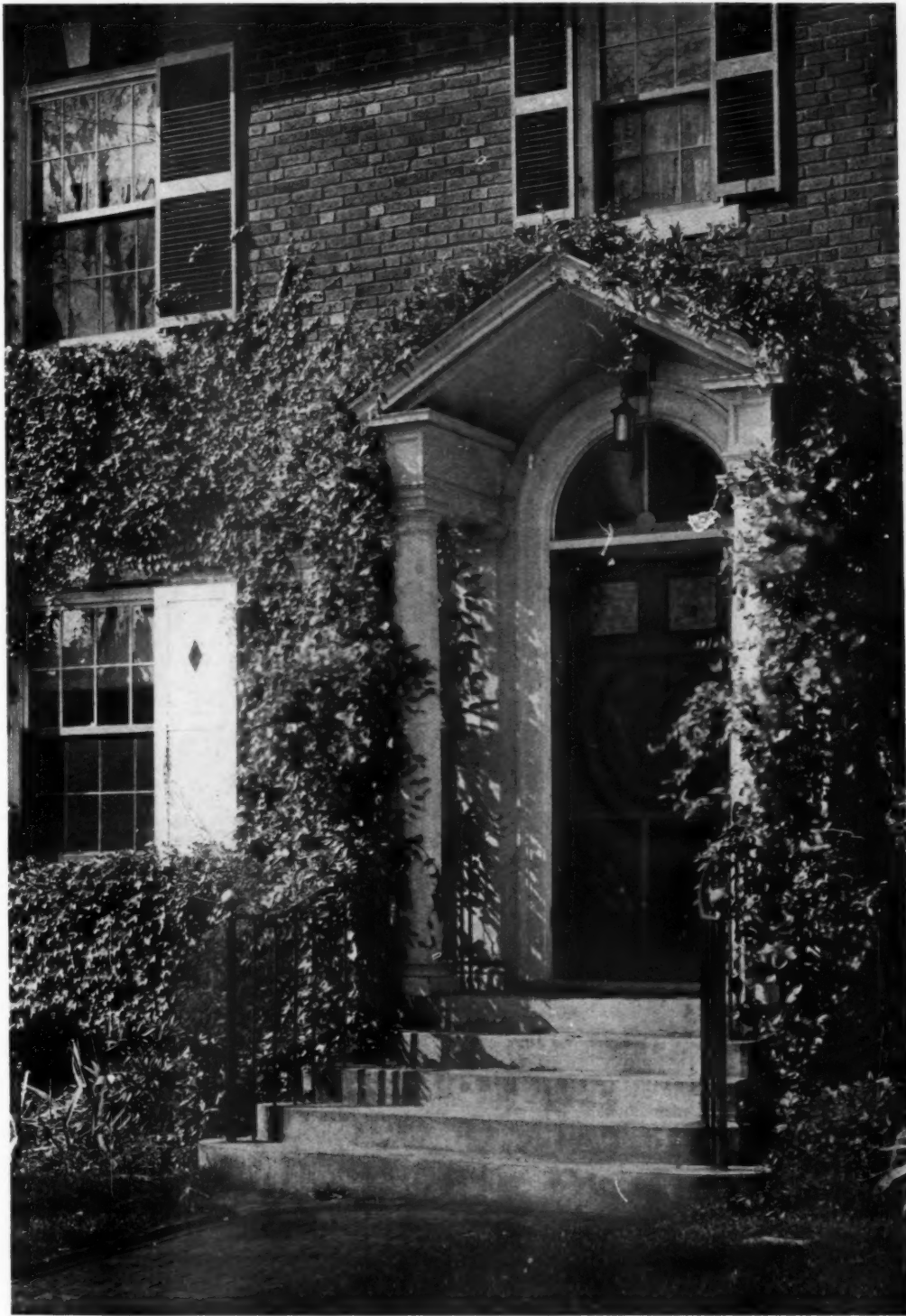


PLATE 195

ENTRANCE DETAIL

HOUSE OF WILLIAM F. ROGERS, BRAINTREE, MASS.

COOLIDGE & CARLSON, ARCHITECTS

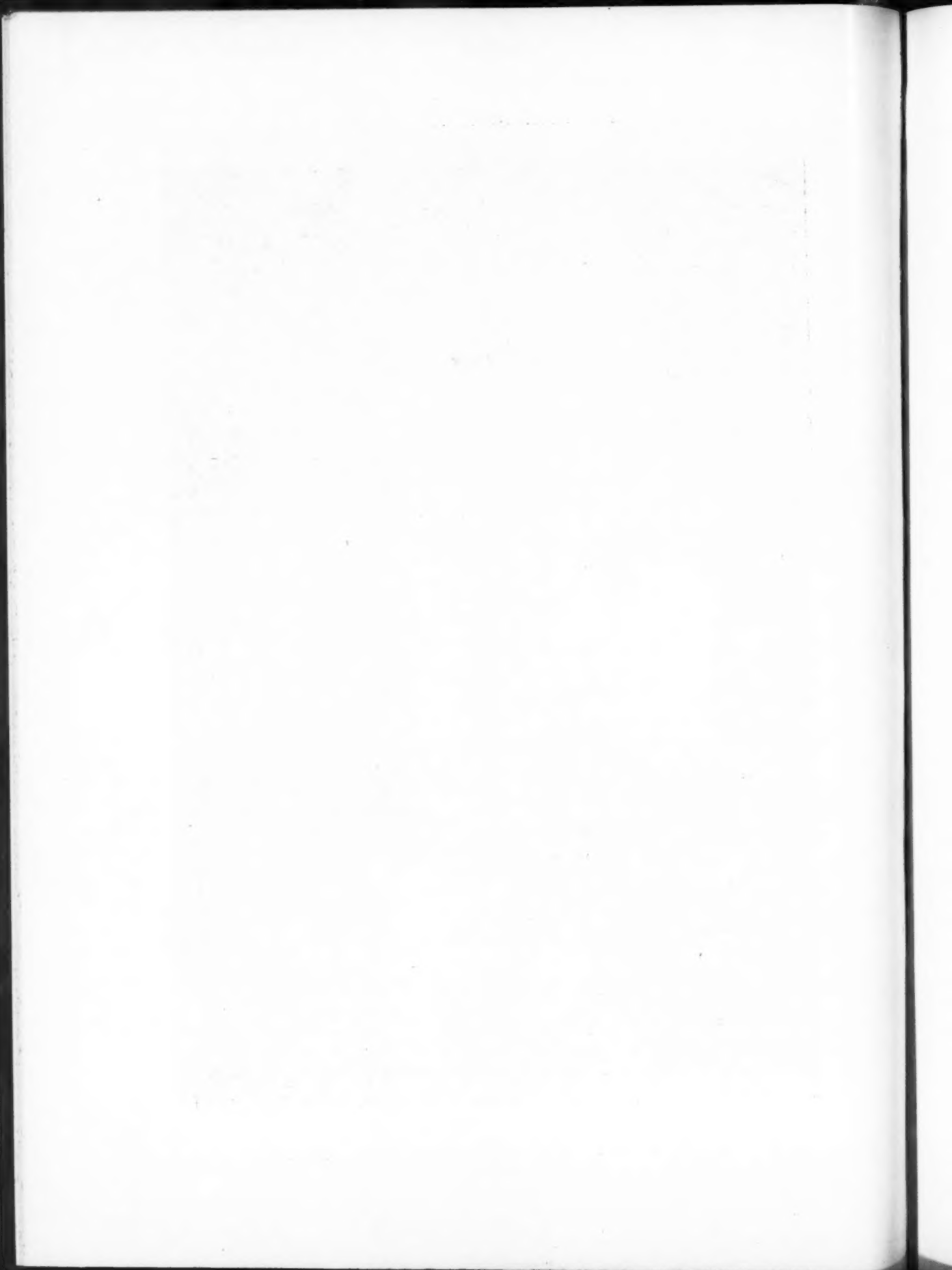




PLATE 196

DETAIL OF MAIN ENTRANCE

HOUSE OF HENRY A. MORSS, MARBLEHEAD, MASS.

COOLIDGE & CARLSON, ARCHITECTS

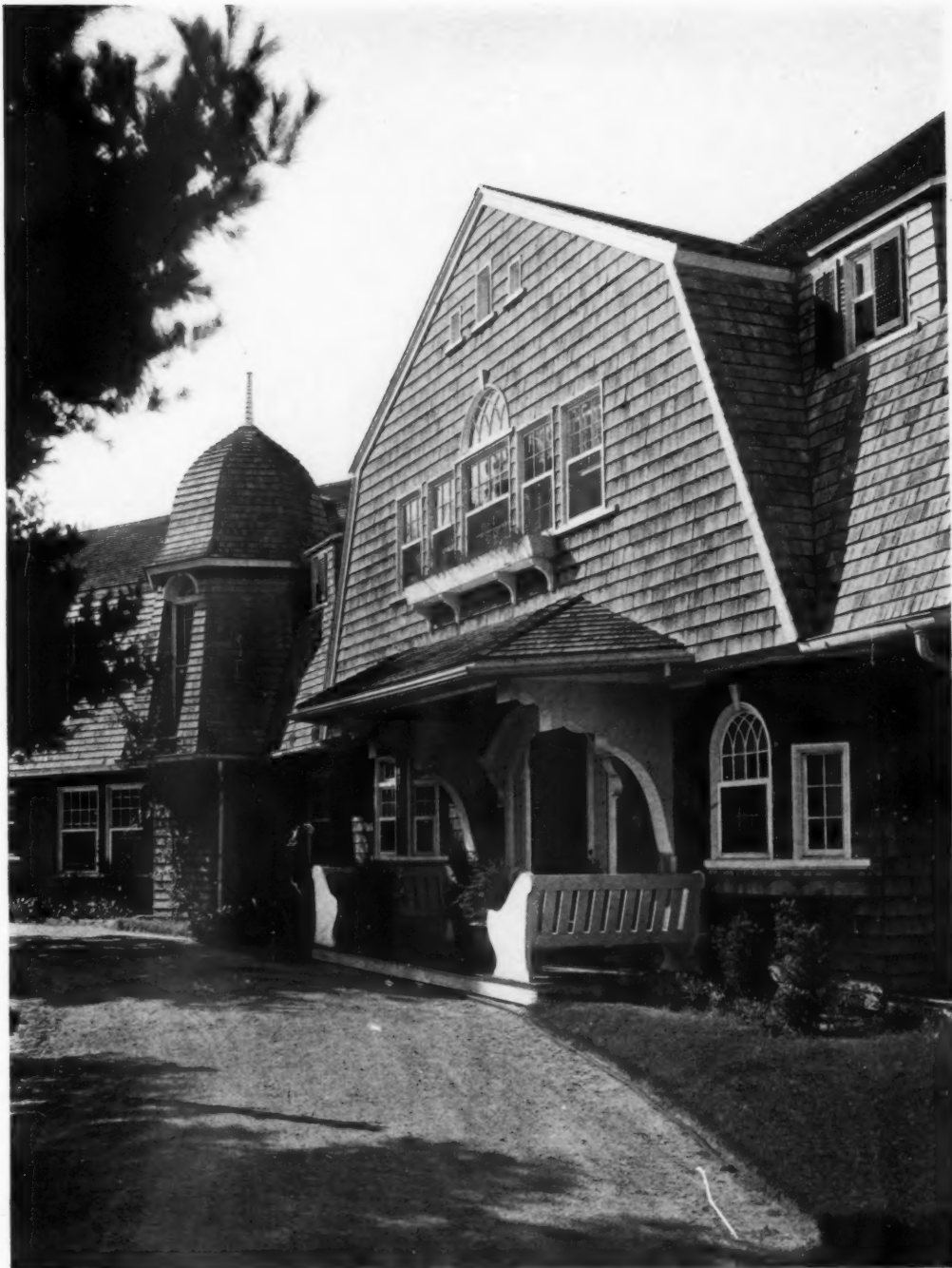
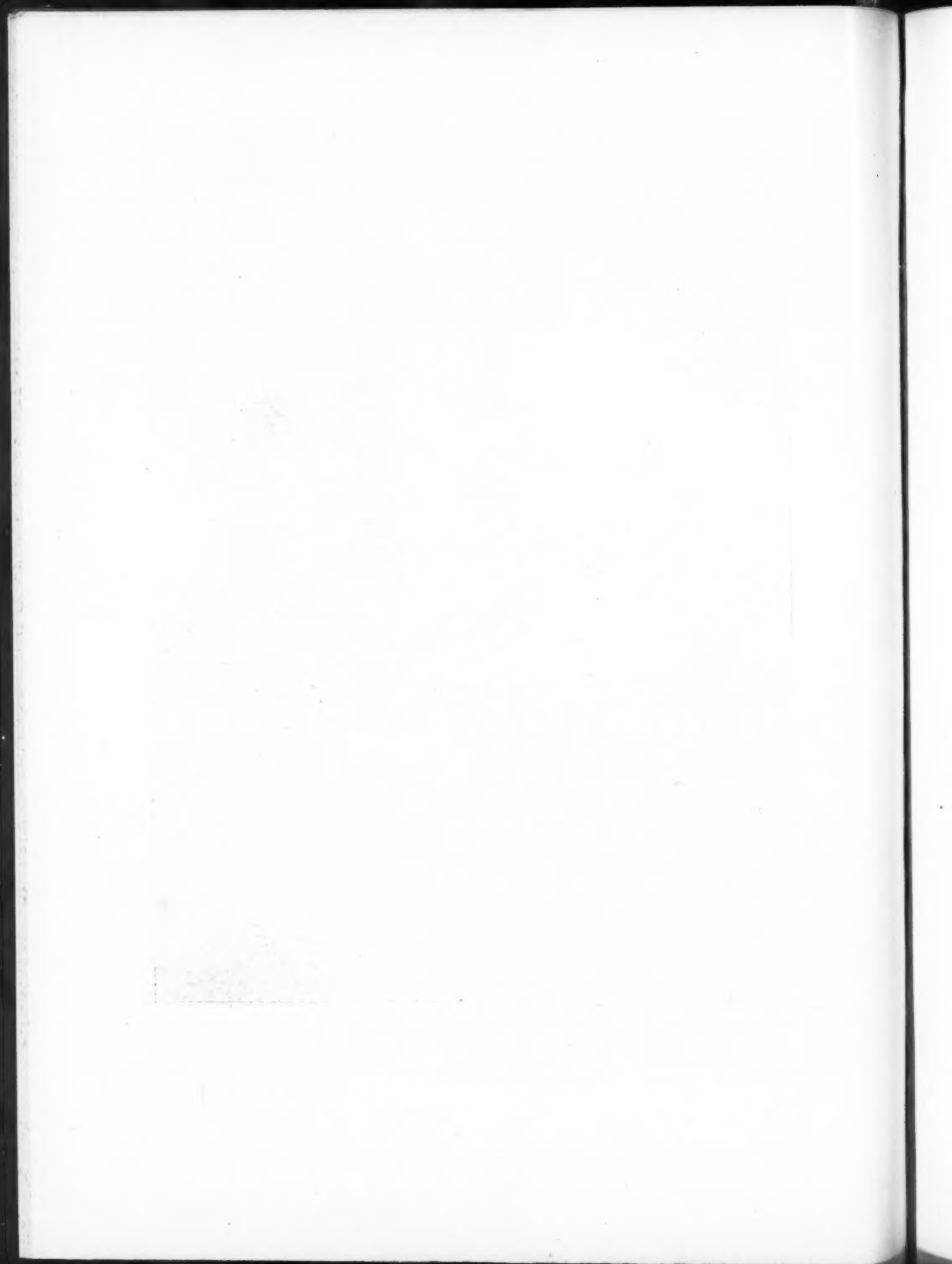


PLATE 197

DETAIL OF MAIN ENTRANCE

HOUSE OF C. B. BUTTERFIELD, MARION, MASS.

COOLIDGE & CARLSON, ARCHITECTS



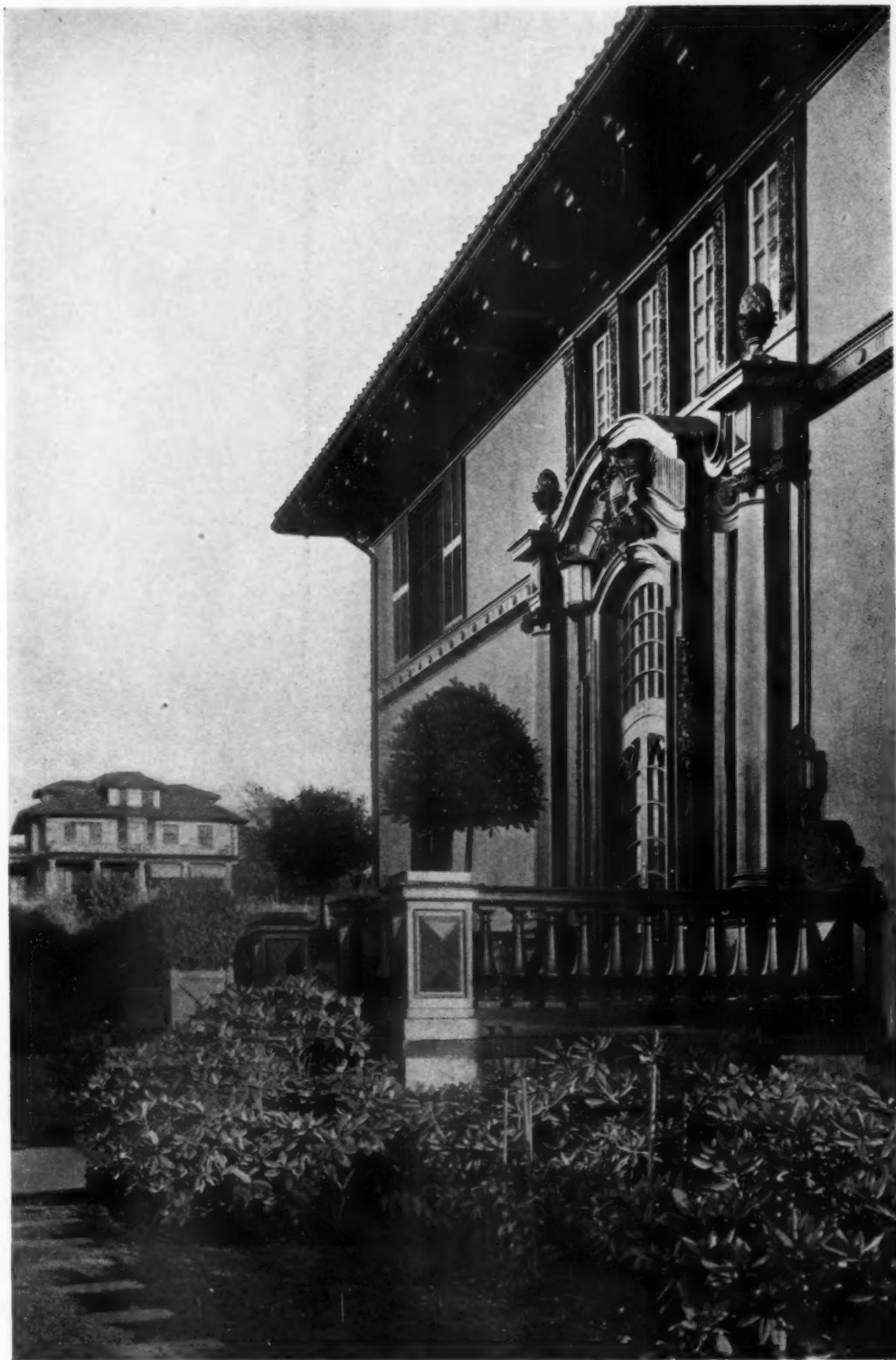
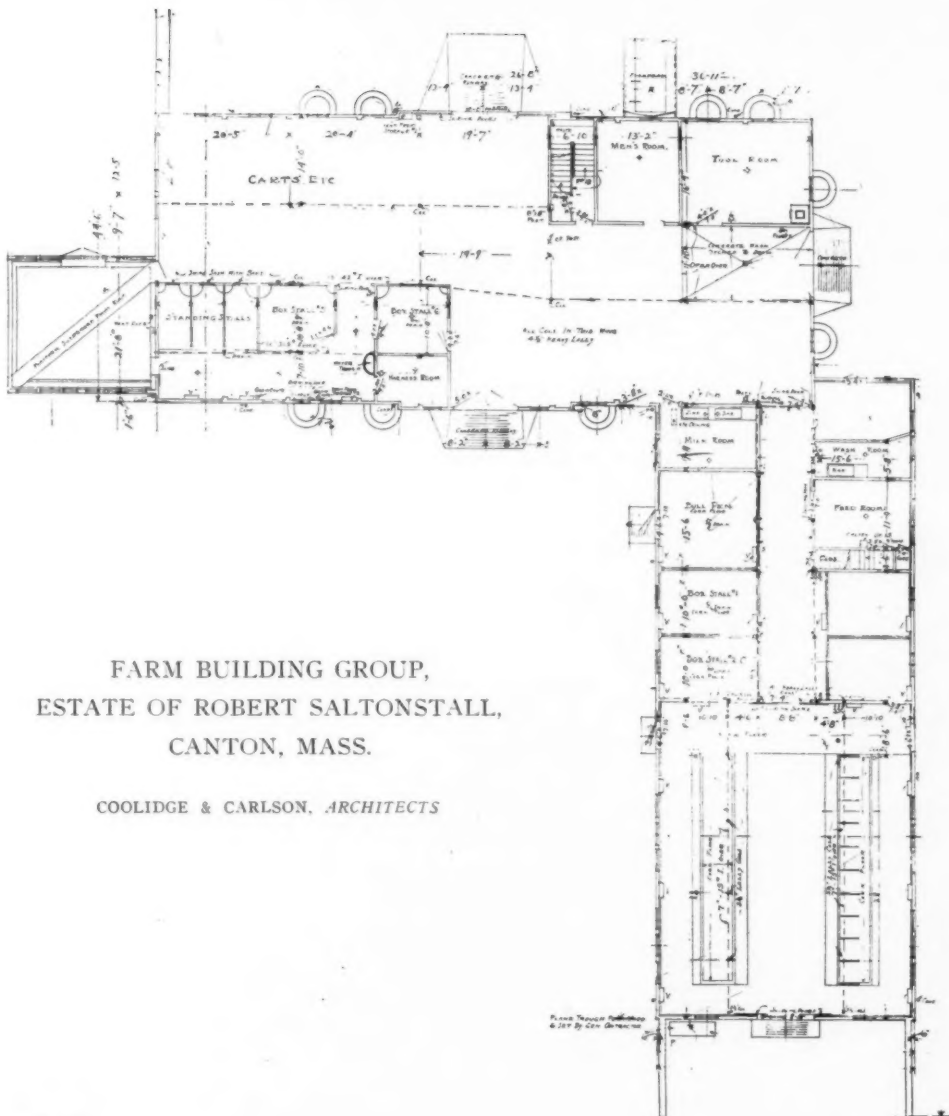


PLATE 198

DETAIL OF PRINCIPAL ENTRANCE

HOUSE OF JAMES BROWN, NEWTON CENTER, MASS.

COOLIDGE & CARLSON, ARCHITECTS



FARM BUILDING GROUP,
ESTATE OF ROBERT SALTONSTALL,
CANTON, MASS.

COOLIDGE & CARLSON, ARCHITECTS



VIEW IN GARDEN OF EDWARD A. CLARK, MARION, MASS.

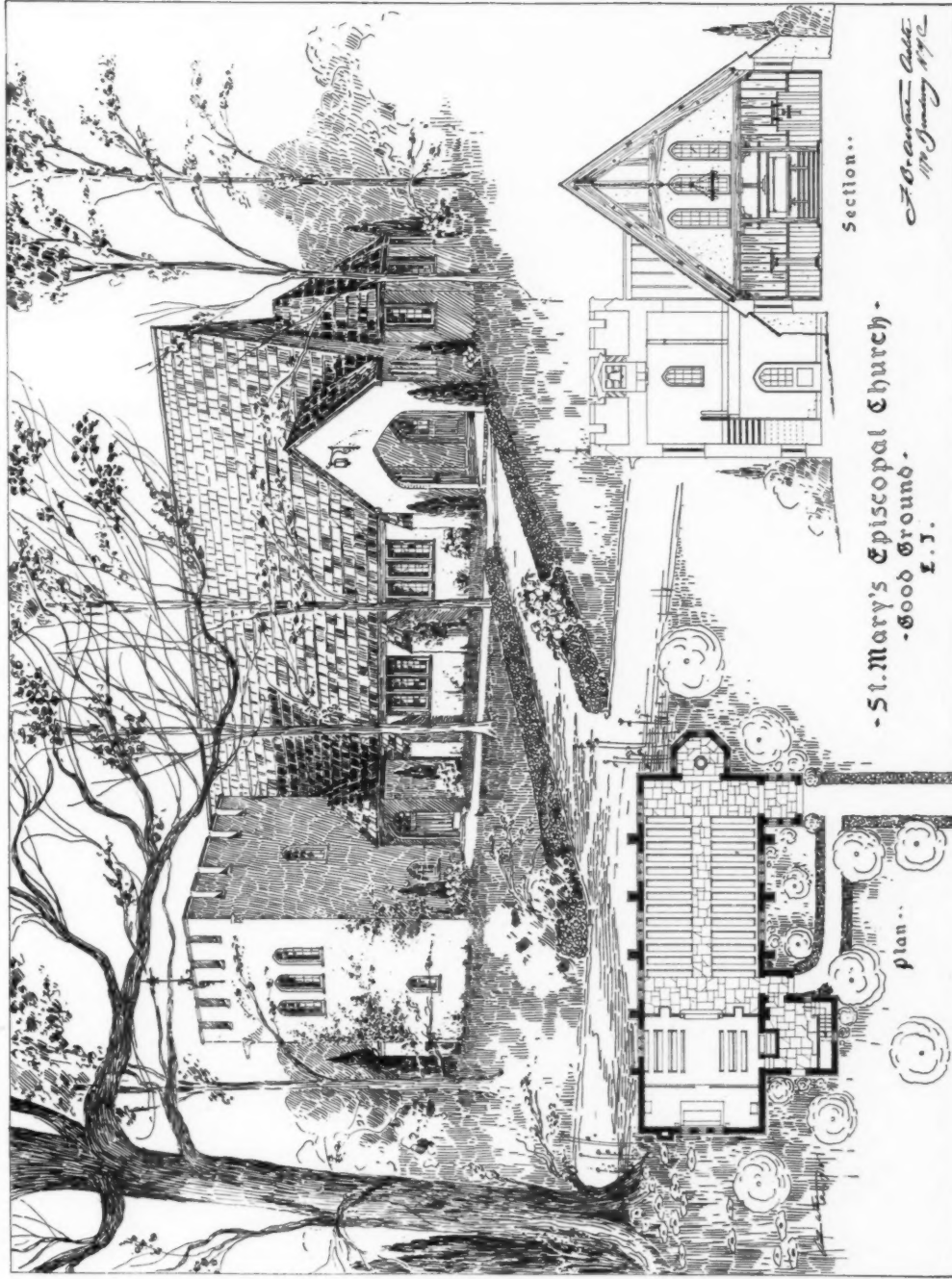
ARTHUR A. SHURTLEFF, *LANDSCAPE ARCHITECT*



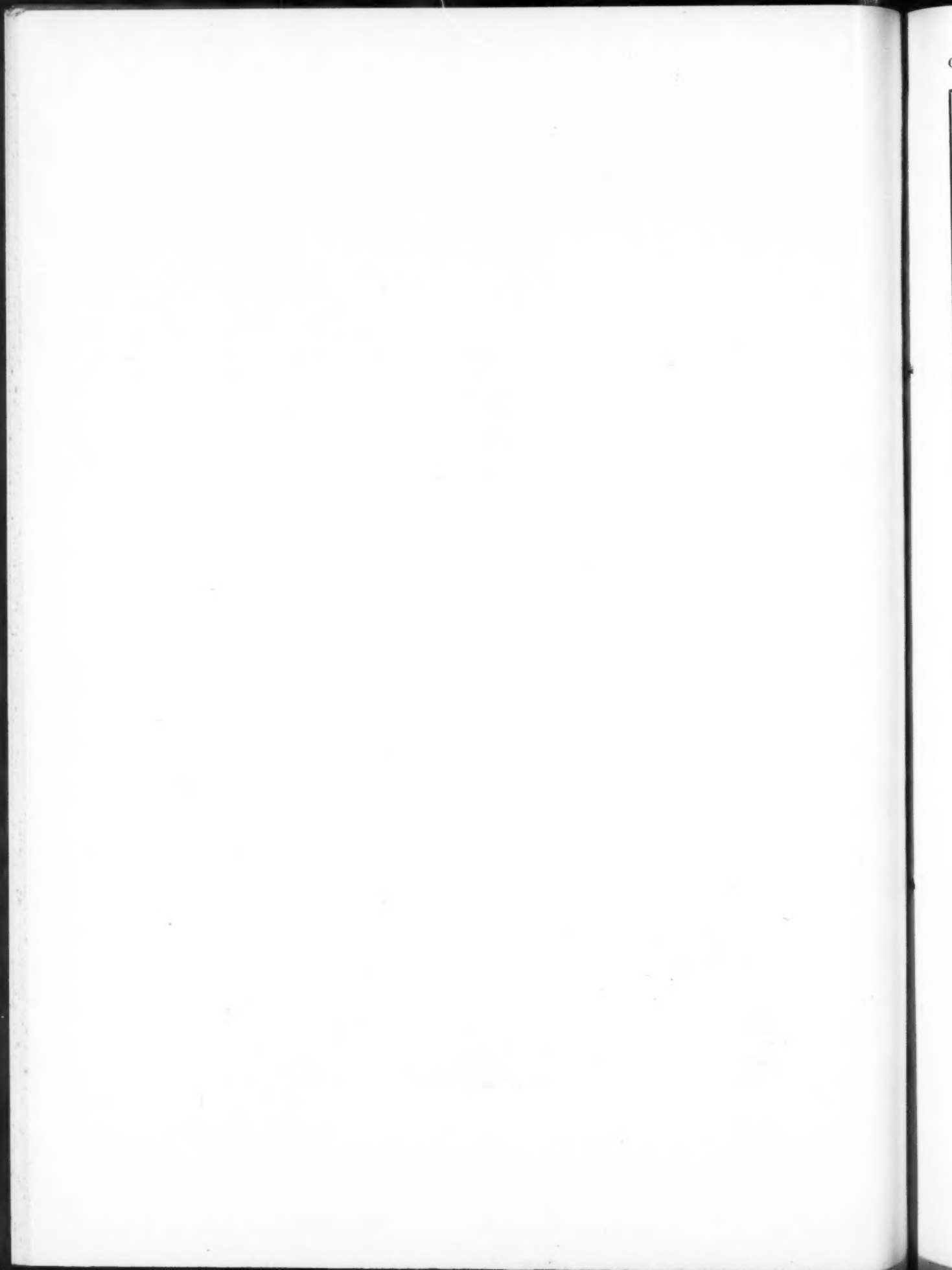
PLATE 200

VIEW IN GARDEN OF EDWARD A. CLARK, MARION, MASS.

ARTHUR A. SHURTLEFF, *LANDSCAPE ARCHITECT*



F. B. AND A. WARE, ARCHITECTS



Walls finished
with Cabot's
Old Virginia
White; roofs
stained with
Cabot's Creosote
Stains.



Tooker &
Marsh,
Architects,
New York

Cabot's Old Virginia White

The Modern Architectural Outside White

The clean, brilliant "whitewash white" effect of Old Virginia White has real distinction. It is a softer and yet a brighter white than paint, and its texture and color-values are essentially different in character from the heavy, hard paint coating. This makes it especially appropriate for the modern "Colonial," because it gives the house at once the aspect of well-groomed old age—a result that it would take years to accomplish with paint. (You can get Cabot's Stains all over the country. Send for samples and name of nearest agent.)

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Available Stock, all quarries, all sizes, colors, grades 250,000 squares
Capacity Weekly, for continuous delivery - - - 15,000 squares

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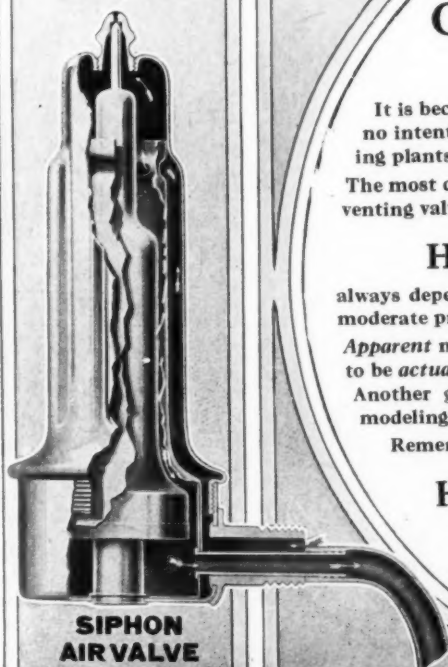
BOSTON

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WASHINGTON



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HOFFMAN



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VALVES

Coal to Heat With —Not to Waste

It is becoming increasingly evident that the Fuel Administration has no intention of supplying coal for wasteful operation of inefficient heating plants. The requirements must be based on economical operation.

The most common cause of steam heating inefficiency is found in inoperative venting valves, with which free circulation of steam is impossible.

HOFFMAN VENTING VALVES

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Apparent need of a new boiler, or of additional radiation, is frequently found to be actual need of nothing more than new—and different—venting valves. Another great economy—and one that is of special importance in the remodeling of old buildings.

Remember that there is a Hoffman Venting Valve for Every Service.

HOFFMAN SPECIALTY CO.

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

ALABAMA

BIRMINGHAM, ALA.—Swift Co., 2109 Morris Avenue, acquired 50 x 82 ft. site and plans to build addition costing \$250,000.

ARIZONA

INSPIRATION, ARIZ.—Inspiration Copper Co. will build two-story, 50 x 100 ft., office. \$50,000.

ARKANSAS

LITTLE ROCK, ARK.—Stewart, McGehee Construction Co., Kahn Building, awarded contract for constructing extensions to Camp Pike at \$2,750,000.

TEXARKANA, ARK.—Mosaic Order plans to build lodge costing \$50,000. Address A. W. Weatherford.

CALIFORNIA

BENECIA, CAL.—Lange-Bergstrom, Sharon Building, has awarded contract for constructing additions to arsenal at about \$110,000.

LOS ANGELES, CAL.—The Lilly-Fletcher Co., 621 Investment Building, awarded contract for the construction of a one-story brick garage for the Almondale Land Co., 105 x 122 ft. L. A. Smith, 621 Investment Building, Architect.

SAN DIEGO, CAL.—Air station to cost \$59,500 is contemplated by the United States Government, C. W. Parks, chief Bureau of Yards and Docks, Navy Department, Washington, D. C.

STOCKTON, CAL.—Hospital buildings for the State Hospital, Stockton, will be erected. Bids will be received by W. F. McClure, State Engineer, Forum Building, Sacramento, Cal.

CONNECTICUT

BRIDGEPORT, CONN.—Porcupine Co., 730 Wordin Avenue, plans to make extensive enlargements to present plant. J. K. Williamson, general manager.

BRIDGEPORT, CONN.—Locomotive Co. of America, 2 Main Street, let contract for construction of one-story, 160 x 200 ft., 120 x 200 ft. and 35 x 48 ft., factories on Main Street to T. J. Pardy Constr. Co., 15 Fairfield Avenue. Cost, \$225,000.

BRIDGEPORT, CONN.—Industrial Home for Friendless Men will be erected on Main and Thomas Streets at a cost of \$60,000. Architect, E. B. Caldwell, Jr., First National Bank Building. Owner, Bridgeport Christian Union Building Com., Geo. C. Edwards, president, Bridgeport.

DERBY, CONN.—United States Government, Otto Eidlitz, president Housing Corporation, 617 G Street, N. W., Washington, is contemplating the construction of housing facilities in Derby, Conn.

HARTFORD, CONN.—Standard Coal Co., 344 North Front Street, is having plans prepared by Marchetti & Davino, Architects, 756 Main Street, for two-story, 25 x 40 ft., shed and barn, and two-story, 26 x 31 ft., factory, on Homestead Avenue; brick, reinforced concrete flooring, concrete foundation.

HAZARDVILLE, CONN.—Gordon Bros., Scitico Street, Thompsonville, let contract for building brick and steel power house to Ellison Constr. Co., 60 Prospect Street, Hartford. Cost, \$30,000.

NORWALK, CONN.—A one-story bank will be built at a cost of \$50,000 on West Avenue, from plans by Architect Geo. F. Shepard, 14 Kilby Street, Boston. Owner, the Central Trust Co., care of J. Adams Brown, president, 26 Wall Street, Norwalk, Conn.

OAKVILLE, CONN.—Autotyre Co. will build one-story, 40 x 150 ft., concrete and brick factory and warehouse to cost \$30,000.

WATERBURY, CONN.—Waterbury Button Co., 835 South Main Street, contemplates erecting three-story, 46 x 111 ft., brick factory, concrete foundation, on South Main Street, costing \$38,000.

WEST HARTFORD, CONN.—Ainslie Machine & Tool Works, Jefferson Avenue, let contract for building one-story, 50 x 106 ft., brick and concrete factory on Jefferson Avenue to J. M. Wooley, 756 Main Street, Hartford, at \$30,000.

DELAWARE

MELFORD, DEL.—Hospital costing \$25,000 has been designed by Architects Brockie & Hastings, 1713 Sansom Street, Philadelphia, Pa., for the Emergency Hospital, Melford. Brick.

WILMINGTON, DEL.—Diamond Ice & Coal Co., Pennsylvania Avenue and Union Street, has had plans prepared for ice plant and storage house to cost about \$250,000.

WILMINGTON, DEL.—S. G. Elbert, 1000 French Street, has awarded contract for building three-story, 100 x 115 ft., garage to Concrete Constr. Co., 1618 Thompson Street, Philadelphia, Pa. Cost, \$95,000.

WILMINGTON, DEL.—A brick apartment house to cost \$30,000, three stories, will be erected at Twenty-eighth and Washington Streets, from plans drawn by Architect E. L. Rice, Jr., Co., 815 Market Street.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—T. Jefferson Hotel Co. is having plans prepared by Milburn Heister Co., Architects, Union Savings Bank Building, for twelve-story, 50 x 120 ft., brick and stone hotel to cost \$500,000.

WASHINGTON, D. C.—A brick restaurant addition costing \$20,000, three stories, will go up at 1008 F Street. Architect Oscar Boight, Home Life Building, has prepared plans for the National Cafeteria Co.

ILLINOIS

CHICAGO, ILL.—Swift & Co., Union Stock Yards, soon receives bids for building five-story, 130 x 185 ft., reinforced concrete and brick storage plant, reinforced concrete flooring, concrete foundation, on Forty-second and Cook Streets. Cost \$350,000.

EAST ALTON, ILL.—Western Cartridge Co. let contract for two two-story, 50 x 150 ft., factories to Wimmer Constr. Co., Victoria Building, St. Louis, Mo. Cost, \$100,000.

HAMMOND, ILL.—Baldwin Locomotive Works, Broad and Spring Garden Streets, Philadelphia, Pa., plans to build plant near here. Cost \$500,000.

INDIANA

HAMMOND, IND.—Standard Steel Car Co. contemplates building two hundred two-story brick and frame houses to cost \$400,000. J. C. Lewellyn, 6549 Ingleside Avenue, Chicago, Ill., has drawn plans.

HAMMOND, IND.—Industrial housing (174 houses) costing \$3,000,000 is in preparation by Architect J. C. Lewellyn, 38 S. Dearborn Street, Chicago, Ill. Supervising Architect, F. H. Michaelis, care United States Government Housing Corp., Washington. Contract let to Wells Bros. Co., 53 W. Jackson Boulevard, Chicago.

INDIANAPOLIS, IND.—Indianapolis & Union R. R. plans to build passenger train shed. About \$1,000,000. Price & McLanahan, Bellevue Court Building, Philadelphia, Pa., Architects.

LA FONTAINE, IND.—A bank will be remodeled from post office at a cost of \$19,000. Mahurin & Mahurin, 123 W. Jefferson Street, Fort Wayne, Ind., have prepared plans. Owner, Farmers State Bank, Oliver Mason, president, La Fontaine. Brick.

IOWA

DES MOINES, IOWA.—Office and Theater. R. B. McGregor, care of Lamber & Kirk, Patrick Kraft Building, let contract to A. Sugarman, Masonic Temple Building, for store. \$400,000.

FT. MADISON, IOWA.—M. P. theater costing \$30,000, one story, 50 x 145 ft., has been planned by Architects Owen & Payson, 202 Reliance Building, Kansas City, and American Bank Building, Ft. Madison, for the Atlee Estate, care Architects. Brick and stone.

KANSAS

INDEPENDENCE, KAN.—Commercial National Bank is having plans prepared by Weary & Alvord, Architects, 1907 Michigan Street, Chicago, Ill., for six-story, 70 x 140 ft., bank and office to cost \$150,000.



The roof on this plant is soaking wet 24 hours a day, 365 days in the year!

Can you imagine a more severe test than to have a *perpetual shower falling on a roof every day and night year in and year out?*

This is what happens to the Barrett Specification Roof on the Tabor Ice Cream Co. plant illustrated above.

This shower comes from the big water-cooler on top of the structure which is used for cooling the ammonia.

No ordinary roof would stand up under such conditions.

And that is why the Tabor Ice Cream Co. had its million-dollar plant protected with a Barrett Specification Roof.

Even such severe test has no terrors for a Barrett Specification Roof because it is planned to meet just such extreme conditions.

No other roof contains as much protective waterproofing material in its construction, and that is the reason these roofs give such long and satisfactory service.

Not only do Barrett Specification Roofs last longer than others, but they *cost less per year of service*; they take the base rate of insurance and carry a *20-Year Surety Bond Guaranty*.

20-Year Guaranty

We now guarantee Barrett Specifi-

cation Roofs to last for twenty years without cost for maintenance. No charge for the guaranty, for it gives us a chance to protect the good repute of these roofs. The guaranty is a Surety Bond issued by one of the largest

surety companies in America, the United States Fidelity and Guaranty Company of Baltimore. It is offered on all roofs of fifty squares and over in all cities in the United States and Canada of 25,000 population and more, and in smaller places also where our Inspection Service is available.

The *Barrett* Company



New York Chicago Philadelphia Boston St. Louis Cleveland Cincinnati
Pittsburgh Detroit Birmingham Kansas City Minneapolis Nashville Salt Lake City
Seattle Peoria Atlanta Duluth Milwaukee Bangor Washington
Johnstown Lebanon Youngstown Toledo Columbus Richmond
Latrobe Bethlehem Elizabeth Buffalo Baltimore
THE BARRETT COMPANY, LIMITED: Montreal Toronto Winnipeg
Vancouver St. John, N. B. Halifax, N. S. Sydney, N. S.



LEAVENWORTH, KAN.—Community building costing \$95,000, two stories and basement, 96 x 130, has been designed by Architects T. W. Williamson & Co., Central National Bank Building, Topeka. Owner, B. of E., M. E. Moore, superintendent, Leavenworth. Brick, stone, reinforced concrete.

MARYLAND

BALTIMORE, MD.—Davison Chemical Co., Garrett Building, Baltimore, proposes the erection of a hospital costing \$50,000. E. B. Miller, superintendent.

BALTIMORE, MD.—J. Curran & Co., 501 North Pulaski Street, has acquired site on Frederick Avenue, Pratt and Smallwood Streets, and will build two-story, 75 x 160 x 175 ft., garage costing \$50,000.

BALTIMORE, MD.—General Chemical Co., 1218-1224 Munsey Building, has awarded contract for building three-story, 153 x 212.6 ft., reinforced concrete, brick and steel addition to plant on Race and Winder Streets to Westinghouse, Church, Kerr Co., 37 Wall Street, New York City. \$155,000.

PERRYVILLE, MD.—Pennsylvania R. R., Broad Street, Philadelphia, let contract for building 1000-ton reinforced concrete automatic electric locomotive coaling and sand plants to Roberts & Schaefer Co., 332 South Michigan Avenue, Chicago, Ill. \$50,000.

MASSACHUSETTS

BOSTON, MASS.—Amer. Woolen Co., 245 State Street, has awarded contract for building five-story, 100 x 200 ft., and three-story, 100 x 100 ft., storehouse at West Medford Mills to Turner Constr. Co., 242 Madison Avenue, New York City.

SPRINGFIELD, MASS.—Hendee Mfg. Co., 837 State Street, has awarded contract for building brick and concrete boiler and hardening rooms to E. J. Pinney, 264 Main Street. Cost, \$37,000.

WORCESTER, MASS.—Contract has been awarded by Leland-Gifford Co., Inc., 1025 Southbridge Street, to E. J. Cross & Co., 82 Foster Street, for building three-story, 61 x 63 ft., concrete, brick and steel factory on Southbridge Street.

WORCESTER, MASS.—U. S. Light & Heat Co., Niagara Falls, N. Y., has awarded contract for building reinforced concrete and brick factory on Union and Central Streets to E. & J. Gross & Co., 82 Foster Street. Cost, \$50,000.

MICHIGAN

BATTLE CREEK, MICH.—W. E. Wood Co., 1805 Ford Building, Detroit, let contract for additional cantonment construction work at Camp Custer at \$4,500,000.

BATTLE CREEK, MICH.—Community House State let contract for building at Camp Custer to C. Hoertz & Son, Grand Rapids. \$250,000.

BATTLE CREEK, MICH.—H. B. Snyder & Son let contract for constructing roundhouse on a concrete foundation and a freight house for the Michigan Central Ry. at a total cost of \$78,000.

DETROIT, MICH.—Hcensheid Steel Treating Co., 845 West Fort Street, plans to build factory at a cost of \$30,000.

DETROIT, MICH.—Culbertson & Kelley will execute work on the alterations necessary on the fourth, second and first floors of the County Building at \$217,000.

DETROIT, MICH.—Walbridge, Aldinger Co., Penobscot Building, awarded contract for constructing one-story car repair shop for the Michigan Central Ry. Co. at \$210,000.

DETROIT, MICH.—A church and school at Lysander and Twelfth Streets will be remodeled at a cost of \$20,000. Architect, J. M. E. Reidel, 305 Noll Building, Fort Wayne, Ind. Owner, Evangelical Lutheran Church, Ammaus Congregation, Rev. C. G. Reidel, 934 Twelfth Street, Detroit.

JACKSON, MICH.—Walbridge, Aldinger Co., Penobscot Building, Detroit, awarded contract for constructing reinforced concrete and steel boiler and tank shop, 215 x 270 ft., for the Michigan Central Ry. at \$355,000.

MUSKEGON, MICH.—Three hundred residences costing \$1,000,000 are being designed for the United States Government, Otto Eidlitz, director of housing, 613 G Street, N. W., Washington, D. C. Plans in progress.

NILES, MICH.—J. F. Nelson & Son, 101 N. LaSalle Street, Chicago, awarded contract for constructing brick and concrete repair yard buildings and engine house, including new equipment, at the West Division Terminal, at \$462,000.

MINNESOTA

CHISHOLM, MINN.—Architect J. E. Okerstrom, 123 Eighth Street, St. Virginia, Minn., has plans for construction of a bread bakery for T. Wall. Estimated cost, \$11,900.

ST. PETER, MINN.—Bids are being received by State Board of Control, State of Minnesota, for the construction of a men's dormitory, three stories and basement, 46 x 135, estimated to cost \$50,000. C. H. Johnston, Architect, 715 Capital Bank Building, St. Paul. Chas. L. Pillsbury Co., 807 Metropolitan Life Building, Minneapolis, engineers.

VIRGINIA, MINN.—The Armory Committee contemplates the construction of an armory building, to cover approximately six city blocks and having an auditorium seating 1000.

MISSISSIPPI

WEST POINT, MISS.—J. Griffith & Son, 112 W. Adams Street, Chicago, awarded contract for constructing artillery camp for the War Department at \$12,000,000.

MISSOURI

ST. LOUIS, MO.—The Planters Hotel has been purchased by a syndicate headed by C. C. Nelson, president Nelson Loan & Trust Co., Kansas City, and will be remodeled at an expenditure of about \$150,000.

ST. LOUIS, MO.—The Washington University will construct barracks to accommodate 400 men, at an estimated cost of \$26,000. Building will consist of three wings, two stories in height.

MONTANA

GREAT FALLS, MONT.—Northern Pacific Ry. plans to build addition and remodel terminals at a cost of \$200,000. H. E. Stevens, chief engineer.

GREAT FALLS, MONT.—Citizens will vote Nov. 5 on a bond issue of \$250,000 for the purchase of building or constructing a terminal grain elevator with necessary equipment.

NEBRASKA

FALLS CITY, NEB.—Nebraska Building & Investment Co., 130 South Thirteenth Street, Lincoln, contemplates building four-story, 100 x 100 ft., brick hotel costing \$165,000. J. W. Salmon, 113 South Thirteenth Street, Lincoln, Architect.

LINCOLN, NEB.—Board of Regents, care of J. S. Dales, Station A, let contract for two-story, 48 x 90 ft., reinforced concrete, brick and stone Pathology and Hygiene buildings to B. J. Jobst Building Co. About \$51,600.

OMAHA, NEB.—Union Pacific Ry., Thirteenth and Dodge Streets, let contract for building one-story, 150 x 200 ft., machine shop to Home Home Builders, Inc., Brandies Theater Building. \$110,000.

OMAHA, NEB.—Bids are being received by the City Clerk for the remodeling of old city jail at Eleventh and Dodge Streets, estimated to cost approximately \$12,000.

OMAHA, NEB.—Skinner Packing Co., 1401 First National Bank Building, let contract for constructing six-story, 234 x 320 ft., reinforced concrete, brick and stone packing plant to Collins Bros., 536 Rialto Building, Kansas City, Mo. About \$1,500,000 will be spent.

NEW HAMPSHIRE

NASHUA, N. H.—Nashua Mfg. Co. has let contract for building five-story, 80 x 227 ft., reinforced concrete dye house to Turner Constr. Co., 242 Madison Avenue, New York City.

NEW JERSEY

BAYONNE, N. J.—H. F. Taintor Co., First Street, awarded contract to build two-story concrete factory to Carleton Co., 151 West Forty-second Street, New York City. \$54,150.

CAMDEN, N. J.—Ballinger & Perrot, Seventeenth and Arch Streets, Philadelphia, have designed a warehouse to be built on State and River Streets, Camden, for B. F. Boyer Co. One story, brick and concrete, 72 x 102 ft.

CAMP DIX, N. J.—F. B. & A. Ware, Architects, 1170 Broadway, New York City, have plans for two-story, 120 x 136 ft., brick recreation building for American Catholic War Council. 30 East Forty-second Street, New York City. \$50,000.

PAGE(S) M

MISSING

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In Government Service

**WE ARE HELPING UNCLE SAM
WIN THIS WAR!**

Our Vanco Bronze and other lighting fixtures are now devoted solely to Industrial housing. Our entire plant is being utilized for special Government work.

**THIS WILL CONTINUE FOR THE
DURATION OF THE WAR**

In common with all other loyal American Industries this entire service to National Needs will hasten the Day of Victory and a resumption of the good-will and co-operation that has been so conscientiously sought for and prized by this manufacturing firm of exclusive lighting fixtures.

MITCHELL VANCE CO., INC.

Sole Producers of VANCO BRONZE, the New Metal

503-511 West 24th Street

New York City

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NEWARK, N. J.—Waas & Walstone Co. plans extensions to its plant costing \$50,000.

NEWARK, N. J.—Columbus Crystal Co., 10 Arch Street, is receiving bids for one-story, 100 x 185 ft., storage and factory on Avenue R, to be built at a cost of \$25,000.

PEDRICKTOWN, N. J.—The War Department contemplates the construction of an ordnance depot here, and a large group of buildings will be constructed.

PENNS GROVE, N. J.—A bank costing \$30,000, one story, 12 x 70, is proposed for Penns Grove. Architect, Hugh Smyth, 3406 W. Sixteenth Street, Wilmington, Del. Owner, Penns Grove National Bank. Stone and brick.

TRENTON, N. J.—Delion Tire & Rubber Co., Whitehead Road, increased capital stock from \$700,000 to \$1,000,000. Proceeds will be used to extend and improve plant.

NEW MEXICO

ALBUQUERQUE, N. M.—The Chamber of Commerce contemplates improvement of State Fair Grounds. In addition to the drainage and other improvements on the land, the plan as now outlined provides for the erection of substantial and permanent structures to house the various exhibits: an art building, a casino, a new grandstand with ball field and race track, a complete set of stables and pens for livestock exhibits, a special avenue for amusements of various kinds, a large parking ground for autos, poultry buildings and sites for a series of buildings.

NEW YORK

BROOKLYN, N. Y.—Amer. Mfg. Co., Noble and West Streets, awarded contract to build one-story, 70 x 195 ft., machine shop and garage on Franklin Street to J. T. Woodruff & Son, Bridge Plaza, Long Island City, at \$25,000.

BROOKLYN, N. Y.—Standard Oil Co., 26 Broadway, New York City, awarded contract to build one-story, 109 x 114 ft., storage shed, Second Street and Gowanus Canal, to R. W. Smith Contg. Co., 638 Lexington Avenue, New York City, at \$25,000.

BROOKLYN, N. Y.—Convent, three stories and basement, 30 x 60, is planned for W. Nineteenth Street, Brooklyn, N. Y. Architect, Robt. J. Reilly, 477 Fifth Avenue, New York City. Owner, Our Lady of Solace R. C. Church, Rev. Father Walter A. Kerwin, pastor, W. Seventeenth Street and Mermaid Avenue, Brooklyn. Brick, limestone. General contract awarded to McGough & Hoey, 16 Court Street, Brooklyn.

LONG ISLAND CITY, N. Y.—Plans have been prepared privately for a one-story brick and steel pipe shed, 80 x 200 ft., Nelson Avenue and Orton Street, for John Simmons Co., 110 Centre Street, Manhattan. The Austin Co., 217 Broadway, Manhattan, has the general contract for construction. Cost, about \$25,000.

LONG ISLAND CITY, N. Y.—Howell, Field & Goddard, Review Avenue, plan constructing one-story, 50 x 200 ft., addition to their plant.

NEW YORK, N. Y.—Garage costing \$25,000 and to be erected at 335-337 E. Ninety-seventh Street. Architect, L. A. Sheinart, 194 Bowery. Owner, C. Meyer, 141 E. Seventy-second Street. Plans drawn.

NEW YORK, N. Y.—Board of Education contemplates altering nine-story, 100 x 125 ft., office on Park Avenue and Fifty-ninth Street, at a cost of \$125,000. C. B. Snyder, Municipal Building, Architect.

SCHENECTADY, N. Y.—W. N. Smith, Architect, 101 Park Avenue, New York City, has prepared plans for five-story, 60 x 120 ft., brick and steel temple on State and Dock Streets, for Associated Lodges, F. and A. Masons, 12 South Church Street. About \$100,000.

UTICA, N. Y.—Frisbie & Stansfield Knitting Co., 421 Broad Street, is receiving bids for one-story, 60 x 120 ft., addition to knitting mill on Broad Street. Cost, \$25,000.

NORTH CAROLINA

AZALEA, N. C.—The War Department, at Washington, has authorized additions to tuberculosis hospital here to cost approximately \$380,100. Twelve open air wards for enlisted men, two officers' wards, three infirmary buildings, two buildings to accommodate fifty nurses, officers' quarters and two storehouses will be constructed.

WILKESBORO, N. C.—R. D. Grier, Kannapolis, plans to build mill here. Cost, \$225,000.

OHIO

ANCOR, OHIO.—Nitrate plant No. 3 will be built at a cost of \$20,000,000. Architect, Chas. Ewing, 101 Park Avenue, New York City. Owner, United States Government, Washington. General Contractor, Geo. A. Fuller Co., Cleveland, Ohio, and New York City.

CAMBRIDGE, OHIO.—National Coal Co., 1503 Rockefeller Building, let contract to build one-story, 150 x 250 ft., reinforced concrete, steel and brick machine shop to A. A. Lane Constr. Co., 1836 Euclid Avenue, Cleveland. Cost estimated at \$70,000.

CANTON, OHIO.—The Canton Sheet Steel Co. contemplates constructing additions to its plant to cost approximately \$1,000,000.

CHILLICOTHE, OHIO.—D. W. McGrath, New First National Bank Building, Columbus, Ohio, awarded contract for additional cantonment construction work at Camp Sherman at \$2,000,000.

CINCINNATI, OHIO.—Procter & Gamble Co. let contract for building two-story, 55 x 102 ft., concrete addition to boiler house to Ferro-Concrete Constr. Co., Richmond and Harriet Streets. Cost will be \$50,000.

CINCINNATI, OHIO.—High school buildings costing \$500,000 will go up at Madison Road and Erie Avenue. Architects, Garber & Woodward, 2803 Union Central Building. Owner, B. of E., care Chas. W. Handman, 311 W. Court Street.

CINCINNATI, OHIO.—The officers of the Pennsylvania Ry. Co., acting for the Cincinnati, Lebanon & Northern Road, contemplate the construction of two freight buildings at the northwestern corner of Court Street and Gilbert Avenue. The work will call for an expenditure of over \$200,000. This does not include the construction of any building having to do with the handling of passenger traffic. The inbound freight house will be 50 x 350 ft. and the outbound will be 30 x 375 ft.

CINCINNATI, OHIO.—The R. K. LeBlond Mch. Tool Co., Hyde Park, contemplates constructing an addition in connection with its new plant. Zettel & Rapp, Johnston Building, Architects.

CINCINNATI, OHIO.—The Ferro Concrete Construction Co., this city, awarded contract for constructing addition to boiler plant of Procter & Gamble factory at Ivorydale at approximately \$50,000.

CLEVELAND, OHIO.—Plymouth congregation, Shaker Boulevard, plans to build two-story brick, stone, steel and concrete church costing \$200,000.

CLEVELAND, OHIO.—The City Commissioners contemplate constructing a jail building on lake front, west of the courthouse, to cost approximately \$1,250,000.

CLEVELAND, OHIO.—Mt. Sinai Hospital, Paul L. Feiss, president of board, contemplates constructing a new wing to hospital building costing approximately \$30,000.

CLEVELAND, OHIO.—Crowell, Lundoff & Little Co., 1951 E. Fifty-seventh Street, this city, awarded contract for constructing one-story engine repair shop for the Pennsylvania Ry. Co. at \$30,000.

CLEVELAND, OHIO.—Board of Education, Rockwell and East Sixth Streets, is having plans prepared by W. R. McCormack, Architect, care of School Board, for two-story brick, steel and reinforced concrete school on Lucknow and East 149th Streets. Cost, \$100,000.

CLEVELAND, OHIO.—Fishel & Marks, East Fifty-fifth Street, let contract for building one-story, 80 x 260 ft., reinforced concrete and brick factory, reinforced flooring, on Krakow Avenue, to Pleas Constr. Co., 6 North Clark Street, Chicago, Ill. Cost, \$75,000.

CLEVELAND, OHIO.—Sacred Heart of Mary congregation is having plans prepared by H. A. Walsh, Architect, Lennox Building, for one-story, 62 x 156 ft., brick, stone and reinforced concrete church at 4223 Pearl Road to cost \$125,000.

CLEVELAND, OHIO.—Jordan Motor Car Co., 105 East 152d Street, is having plans prepared for one-story, 100 x 250 ft., brick, steel and concrete factory, concrete flooring, on East 152d Street. Burchard Robert Wales Co., Swetland Building, engineer.

DAYTON, OHIO.—Architects Schenck & Williams, 591 Arcade Building, Dayton; Town Planner Ferruccio Vitale, 527 Fifth Avenue, New York, N. Y., and United States Government, Industrial Housing, Otto Eidlitz, director, 613 G Street, N. W., Washington, D. C., are co-operating in a housing project for Dayton.



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DELAWARE, OHIO.—The K. & W. Rubber Co. will move its main plant to this point and a new building, 50 x 200 ft., two stories and basement, will be constructed at once.

LIMA, OHIO.—Citizens' Loan & Building Co., 321 North Main Street, is having plans prepared by A. C. DeCurtins, Architect, 503 Opera House Block, for two-story, 40 x 70 ft., bank. Cost, \$50,000.

LODI, OHIO.—Harrisville Lodge, 137, expects to build a two-story reinforced concrete, steel and brick post office and lodge to cost \$50,000. United States Government will lease portion of building for post office.

MIDDLETOWN, OHIO.—Caldwell & Iseninger, this city, awarded contract for constructing two-story reinforced concrete brick mill for the Sorg Paper Co. at \$60,000.

TOLEDO, OHIO.—Office and warehouse costing \$50,000, three stories and basement, 66 x 100, will go up on Smead Avenue. Architect, Sidney Aftel, 949 Ohio Building. Owner, Henry Rosen, 2551 Smead Avenue. Brick and concrete.

TOLEDO, OHIO.—The National Dairy Co. has taken over the business of the Ohio Dairy Co., thus forming a \$5,000,000 corporation. It is contemplated to construct plants in different parts of the United States, and a plant in Pennsylvania is the first one to be constructed.

YOUNGSTOWN, OHIO.—The Truscon Steel Co. will install a modern heating system in one of the typical plant units added to the Albert Street plant, involving an expenditure of \$50,000.

OREGON

MALIN, ORE.—The Malin Mill Co., recently organized, contemplates the construction of a flour mill here.

PORTLAND, ORE.—The Foundation Co. will build a joiner shop, 70 x 170 ft. in dimensions, to cost \$7,500.

PORTLAND, ORE.—The Albina Engine & Machine Works will build a lumber shed, 20 x 210 ft. in dimensions, to cost \$15,000.

PORTLAND, ORE.—The Grant Smith-Porter Ship Co. will build an outfitting dock to cost \$25,000, which will have three sheds, all one story high.

PORTLAND, ORE.—A two-story building is to be built for the Smith & Watson Iron Works. It will be 50 x 98 ft. in dimensions and will cost \$6,000.

PORTLAND, ORE.—The Universal Lock Co. will have a new building on Hawthorne Avenue, between East First and Water Streets. It will be two stories high, 60 x 70 ft. in dimensions.

PORTLAND, ORE.—McHolland Bros., 669 E. Everett Street, this city, awarded contract for constructing two-story ship outfitting warehouse to Willamette Iron & Steel Works at about \$30,000.

PORTLAND, ORE.—The Columbia River Shipbuilding Corporation will build a plate shop, 80 x 581 ft. in dimensions, to cost \$67,000. It will adjoin their present plant at the foot of Meade Street.

PORTLAND, ORE.—Marshall Wells Hardware Co., Johnson and Fourteenth Streets, has awarded contract for one-story, 100 x 200 ft., concrete warehouse to T. Muir, Henry Building. Cost, \$50,000.

PORTLAND, ORE.—Northwest Steel Co. will extend ten bays to its rivet shop, which will cost \$16,000, and will erect a one-story shop building, 65 x 420 ft., to cost \$70,000, and two-story shop building to cost \$20,000.

PENNSYLVANIA

CHESTER, PA.—Federal Steel Co., Delaware Avenue and Reany Sta., plans to build one-story, 125 x 150 ft., foundry on Delaware Avenue at a cost of \$35,000.

CHESTER, PA.—Baldwin Locomotive Works, Eddy-stone, purchased 172 acres and plans to build 2000 houses for employees.

DANVILLE, PA.—Architect Frederick Nelson, Connell Building, Scranton, has designed a \$40,000 frame house for Geo. F. Geisinger Memorial Hospital, Dr. H. L. Foss, superintendent, Danville.

ERIE, PA.—The Wayne Steel Co. of this city, a company recently organized, has acquired six acres of land just east of the city limits, adjoining the plant of the U. S. Horse Shoe Co., on which it will construct a thoroughly modern open-hearth steel plant.

MILTON, PA.—Amer. Car & Foundry Co., 307 Fifth Avenue, let contract for building one-story, 80 x 100 ft., addition to Austin Co., 1319 Filbert Street, Philadelphia. \$25,000.

PHILADELPHIA, PA.—Pennsylvania R. R. let contract to build engine house extension to Irwin & Leighton, 126 North Twelfth Street. \$100,000.

PHILADELPHIA, PA.—R. C. Ballinger & Co. awarded contract for constructing a factory 40 x 128, one story, brick, for the Yarnall-Waring Co. at \$15,000.

PHILADELPHIA, PA.—The Turner Concrete & Steel Co. awarded contract for constructing four-story, 60 x 60, building for the Barrett Co. at \$50,000.

PHILADELPHIA, PA.—J. Ethan Feldstein, Philadelphia Architect, has prepared plans for alterations and addition to the research laboratory of the Polyclinic Hospital, 1720 Lombard Street, Philadelphia.

PHILADELPHIA, PA.—Philadelphia Rapid Transit Co., Land Title Building, plans to extend repair shops on Forty-ninth Street and Woodland Avenue at an expenditure of \$45,000. G. B. Taylor, Philadelphia, engineer.

PHILADELPHIA, PA.—Kensington Mfg. Co., 1118 North Front Street, had plans prepared by F. N. Greisler, Architect, Fifth and Chestnut Streets, for two-story, 74 x 100 ft., brick and concrete warehouse on Front and Wilkey Streets.

PITTSBURGH, PA.—J. Harne Co., Penn and Fifth Streets, proposes building one-story, 70 x 150 ft., brick and reinforced concrete store on Penn Street and Cecil Way to cost \$60,000.

PITTSBURGH, PA.—J. Stewart, 500 Aiken Avenue, contemplates building four-story, 30 x 70 ft., brick and steel warehouse. W. D. Lower, 2121 Federal Street, engineer.

PITTSBURGH, PA.—Jones & Laughlin Steel Co. has bought land extensively in the Hazelwood section and contemplates the construction of an immense by-products coking plant.

POTTSTOWN, PA.—North American Motors Co., S. Keim Street, will erect a \$20,000 factory, one story, 80 x 90 ft. General contract has been awarded to Austin Co., 1312 Filbert Street, Philadelphia, Pa.

POTTSTOWN, PA.—Light Foundry & Machine Co., E. S. Fretz, president, on premises, will build a \$20,000 factory, 25 x 190 ft., at Union and Green Streets. General contract let to F. H. Keiser & Co., 128 East Fourth Street.

POTTSVILLE, PA.—Merchants National Bank is having plans prepared by C. Reilly, Architect, 112 South Center Street, for alterations to bank at a cost of \$50,000. Address J. W. Hough.

RUTHERFORD, PA.—Philadelphia & Reading R. R., Twelfth and Market Streets, Philadelphia, awarded contract for building one-story, 115 x 133 ft., concrete, steel and brick engine house to A. L. Carhart, Hale Building, Philadelphia. \$100,000.

SHIRE OAKS (ELRAMA P. O.), PA.—Pennsylvania R. R. let contract for building engine house and shops to Irwin & Leighton, 126 North Twelfth Street, Philadelphia. \$60,000.

ST. CLAIR, PA.—Philadelphia & Reading R. R. let contract for constructing engine house to F. A. Havens & Co., 845 North Nineteenth Street, Philadelphia. \$25,000.

TAMAQUA, PA.—W. Riebe, this city, awarded contract for constructing engine house for the Reading Ry. Co. at \$25,000.

TITUSVILLE, PA.—Office building to cost \$75,000 has been planned by Architect Alfred C. Bossum, 466 Fifth Street, New York City, for the Titusville Iron Co. J. C. McKinney, president, Commercial Bank Building, Titusville. General contract let to Henry Shenk Co., Erie, Pa.

RHODE ISLAND

HILLSGROVE, WARWICK, R. I.—A foundry and office costing \$35,000, 100 x 200 ft., has been designed by Jackson, Robertson & Adams, Architects, Turks Head Building, Providence, for the Rhode Island Malleable Iron Works, Chas. Brown, president, Hillsgrove. General contract has been awarded to Carlson, 66 Congress Avenue, Providence.

PROVIDENCE, R. I.—The Bigney Construction Co., 898 Westminster Street, this city, awarded contract for constructing additional buildings for the Colvin Foundry Co. at \$35,000.



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SOUTH CAROLINA

CHARLESTON, S. C.—The Central Labor Union contemplates constructing a labor temple to cost between \$30,000 and \$50,000.

CHARLESTON, S. C.—The Navy Department, Washington, contemplates constructing a large clothing factory within the city limits.

SOUTH DAKOTA

MITCHELL, S. D.—Dakota Wesleyan University proposes building two-story, 150 x 300 ft., concrete gymnasium. W. D. Shermerhorn, president. F. H. Ellerbe, 692 Endicott Building, St. Paul, Minn., Architect.

RAPID CITY, S. D.—First Methodist Episcopal congregation is having plans prepared by Edwins & Edwins, Architects, 910 B. W. Building, for one-story, 70 x 101 ft., brick and stone church and school to cost \$50,000.

TEXAS

DALLAS, TEX.—The Building Committee of Congregation Shazreth Isreal contemplates constructing an institutional synagogue to cost about \$75,000.

SAN ANTONIO, TEX.—The base hospital at Fort Sam Houston is to be improved at an estimated cost of \$258,000.

VIRGINIA

HUNTINGTON, VA.—Chesapeake & Ohio Ry. plans to build addition to hospital at a cost of \$50,000. F. I. Cabell, Richmond, chief engineer.

NEWPORT NEWS, VA.—R. R. Richardson & Co., Norfolk, Va., awarded contract for constructing bank and office building for the Crown Savings Bank at \$20,000. Hatton & Co., Twelfth and U Streets, Washington, D. C., Architects.

NORFOLK, VA.—Housing for colored people will be constructed at a cost of \$2,000,000. Architect, Russell E. Mitchell, Greenwood Building, Norfolk. Engineers, Hill & Ferguson, 100 William Street, New York City. Town planner, H. P. Kelsey, College Place, Norfolk. Owner, United States Government, Otto Eidlitz, director of Industrial Housing, 613 G Street, N. W., Washington, D. C. Frame.

RICHMOND, VA.—J. T. Nuckols has awarded contract for constructing cleaning shed and storage building for the American Locomotive Works at \$24,000.

RICHMOND, VA.—Contract has been let to R. N. Anderson & Co., Lyric Building, by Spotless Co., for remodeling warehouse at \$10,000. Carneal & Johnston, Chamber of Commerce Building, Architects.

RICHMOND, VA.—Bank will be altered at a cost of \$35,000. Thomas Bruce Boyd, Inc., 286 Fifth Avenue, New York City, is Architect. Owner, Federal Reserve Bank, Geo. J. Soay, gov., Richmond. Stone, brick, steel and terra cotta.

WASHINGTON

PULLMAN, WASH.—Plans are being prepared for the construction of a mammoth State College mess hall to accommodate 600 soldier mechanics. Building will be two stories and basement, 64 x 120 ft.

SEATTLE, WASH.—Air Reduction Co., 3623 East Marginal Way, let contract for one-story, 41 x 172 ft., factory to Black Masonry & Constr. Co., Alaska Building. About \$30,000.

SEATTLE, WASH.—It is contemplated to construct a labor temple at the northeast corner of Market and Thirteenth Streets. Building will be three stories, 90 x 120 ft., and will cost about \$125,000.

WEST VIRGINIA

CLARKSBURG, W. VA.—Baltimore & Ohio R. R. plans to build brick and steel roundhouse costing \$50,000. H. A. Lane, chief engineer.

MARTINSBURG, W. VA.—Plans are being prepared by P. O. Keilholtz, engineer, Continental Building, Baltimore, for constructing four-story addition to Berkley Woolen Mills, brick, steel and concrete construction.

NEW CUMBERLAND, W. VA.—Heyward Steel Co., Farmers' Bank Building, Pittsburgh, Pa., plans erecting plant to cost \$300,000.

PRINCETON, W. VA.—S. A. Bird awarded contract for constructing three-story warehouse at \$10,000.

SEVEN PINES, W. VA.—E. I. du Pont de Nemours & Co., du Pont Building, Wilmington, Del., plans to build passenger station five blocks long over Dock Street. E. S. Higgins, engineer.

WHEELING, W. VA.—Wheeling Traction Co., Huron and Zane Streets, has awarded contract for building 39 x 254 ft. car barn and 125 x 130 ft. shops, steel and brick, concrete flooring. \$75,000.

WISCONSIN

FOND DU LAC, WIS.—F. J. Stepnoski, Architect, is preparing plans for the construction of an exposition building for the Merchants' and Manufacturers' Exhibits Association. Estimated cost, \$20,000.

GREEN BAY, WIS.—Northwest Eng. Works has awarded contract for building factory addition to L. H. Hanson, 113 West Walnut Street. \$35,000.

KENOSHA, WIS.—Board of Education soon proposes building two-story, 143 x 182 ft., reinforced concrete and brick grade school to cost \$275,000.

MADISON, WIS.—Dahl-Stedman Co., 1011 Lumber Exchange Building, Chicago, Ill., awarded contract for constructing infirmary and hospital for the University of Wisconsin at \$135,000.

MILWAUKEE, WIS.—T. Stark Co., Cedar Rapids, Iowa, awarded contract for constructing addition to boiler house for Swift & Co. at \$35,000.

WEST ALLIS, WIS.—The Hinckley Co., 5308 Greenfield Avenue, awarded contract for constructing pattern shop for the Home Pattern Works, one story, 50 x 80, at \$8,000.

FIRE LOSSES

Reports of fires published in this department include only cases in which the magnitude of losses sustained and the surrounding circumstances indicate the probability of restoration or reconstruction.

BEDFORD, IND.—The Ingalls Stone Co. has sustained a \$250,000 fire loss. C. C. Ingalls, president.

BOISE, IDAHO.—The Grand Federal Hotel and a residence adjoining were burned at a loss of \$5,000. John A. Wroten, owner.

CHEHALIS, WASH.—Fire broke out in the Liberty Auditorium, causing a loss of \$20,000.

HAMMOND, IND.—The plant of the Hammond Bedding Co. burned with a loss of \$100,000.

LINCOLN, NEB.—Fire causing a total loss of about \$500,000 broke out in the yards of the Schuck & Yost Lumber Co. and spread to the Hebb Motor Factory and the De Witt Grain Co. buildings.



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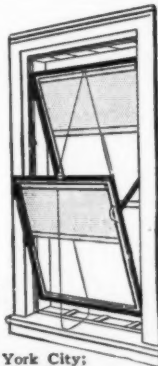
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BUILDING NEWS

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

ARKANSAS

LITTLE ROCK, ARK.—Terry Dairy Co. will erect a three-story reinforced concrete dairy to cost \$40,000.

LITTLE ROCK, ARK.—A reformatory for women and a girls' industrial home will be constructed by the State at an estimated cost of \$100,000.

LITTLE ROCK, ARK.—Auditorium and armory has been designed by J. Almand, Architect, 110 Boyle Building, to cost \$200,000.

CALIFORNIA

INGLEWOOD, CAL.—Inglewood Crematory let contract for building one-story reinforced concrete crematory to J. A. Crook, 619 Exchange Building, Los Angeles. \$60,000.

LOS ANGELES, CAL.—Salt Lake Ry., Pacific Electric Building, is having plans prepared for one-story, 195 x 200 ft., reinforced concrete, brick and steel tank car repair shop at 1462 East Fourth Street. \$150,000.

SACRAMENTO, CAL.—The Northern California Milk Producers' Association will construct a four-story milk plant here at a cost of \$125,000.

SAN FRANCISCO, CAL.—Langendorf Baking Co., McAllister Street, near Fillmore Street, awarded contract for building addition to plant to W. C. Duncan & Co., Sharon Building. \$31,430.

SAN FRANCISCO, CAL.—Fennell & Chisholm, 180 Jessie Street, awarded contract for constructing loft building for Dunham, Garrigan & Hayden at \$80,000.

SANTA MARIA, CAL.—A large bean warehouse will be constructed by local business men and ranchers to cost about \$60,000; 60 x 400 ft., reinforced concrete.

VENTURA, CAL.—School—W. F. McClure, State Engineer, awarded contract for building two-story trades building, two-story gymnasium and two dormitories at State School for Girls to T. E. Hill & Co., 1126 Title Insurance Building, Los Angeles. \$62,266.

COLORADO

TIMMATH, COL.—City let contract for school building in Timmath School Dist. to H. V. Johnson, 507 Foster Building, Denver, at \$52,000.

CONNECTICUT

BRIDGEPORT, CONN.—Cauldwell, Wingate & Co., 381 Fourth Avenue, New York, N. Y., awarded contract for constructing community house, brick on a concrete foundation, for the United States Housing Corporation at \$220,000.

BRIDGEPORT, CONN.—Cauldwell, Wingate & Co., 381 Fourth Avenue, New York, awarded contract for constructing 250 brick homes for the Bridgeport Housing Co. at \$1,000,000.

SEYMOUR, CONN.—Nellis Building Co. awarded contract for constructing 32 brick homes for employees of the Seymour Mfg. Co. at \$150,000.

WATERBURY, CONN.—Waterbury Buckle Co., 872 South Main Street will erect a three-story brick factory costing \$30,000. J. Smith, president.

DELAWARE

WILMINGTON, DEL.—The Diamond Ice & Coal Co. contemplates the construction of an ice plant between Pennsylvania Avenue and Union Street to cost approximately \$250,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Architect B. S. Simonson, Real Estate Trust Building, Washington, has awarded contract to R. P. Whitty Co., Union Trust Building, for the erection of a \$50,000 garage for H. B. Wilson, 715 Eighth Street, Washington.

WASHINGTON, D. C.—A. P. Clark, Architect, 816 Fourteenth Street, this city, is preparing plans for the construction of a school building at N and Twelfth Streets, N. E., two-story, brick and mill construction, to cost approximately \$100,000.

WASHINGTON, D. C.—Hyde & Baxter, 119 Carroll Avenue, this city, were low bidders for constructing extensions to boiler plant building for Navy Department at \$158,900.

FLORIDA

LYNN HAVEN, FLA.—Howard T. Barns, New York City, has completed plans for the construction of a hotel on St. Andrews Bay for M. C. Keith. Building will be 40 x 110 ft., three stories, and is estimated to cost \$40,000.

MOORE HAVEN, FLA.—Grass Fiber Paper Pulp Co., recently organized with \$150,000 capital stock, has purchased 75,000-acre site and will erect a plant in Moore Haven.

ILLINOIS

ALTON, ILL.—Western Cartridge Co. will erect 200 workmen's homes on Milton Road and Brown Street costing \$1,600,000. Bureau Industrial Housing, United States Housing Corp., Washington, D. C., engineers.

BENTON, ILL.—Illinois Central Ry., 135 East Eleventh Place, Chicago, contemplates building one-story, 30 x 150 ft., freight house costing \$30,000. A. D. Baldwin, chief engineer.

CHICAGO, ILL.—C. E. Frazier, Architect, 30 North LaSalle Street, plans to build one-story brick hide house for I. Horween & Co., 1055 North Division Street, at a cost of \$47,000.

CHICAGO, ILL.—A. I. Jordan, 111 West Washington Street, had plans prepared by J. A. Armstrong, Architect, 11 LaSalle Street, for six-story, 165 x 350 ft., brick, mill construction, warehouse, reinforced concrete, on Elston and Montrose Streets, to cost \$400,000.

CHICAGO, ILL.—A one-story factory, 100 x 145 ft., will be built at a cost of \$40,000 at 5660 W. Taylor Street. Architect W. G. Uffendell, 39 S. State Street, has prepared the plans for the Edison Elec. Appliance Co. General contract has been let to W. A. Pillinger Co., 11 S. LaSalle Street.

CHICAGO, ILL.—The Packers Architectural & Engineering Co., 431 S. Dearborn Street, has plans in progress for a \$450,000 packing plant to go up at 1400-32 W. Forty-sixth Street for the Consumers Packing Co., Eli Pfaelzer, president, Forty-sixth Street and Packers Avenue. General contract awarded to Solomon Water-ton Co., 343 S. Dearborn Street, Chicago, Ill.

CHICAGO, ILL.—Warehouse (rem. and add.), garage and office building costing \$70,000 have been designed by Architects Dillard & Bacon, 343 Dearborn Street, Chicago. Owner, Grasselli Chemical Co., Cleveland, Ohio.

CHICAGO, ILL.—J. G. Ludgin, Architect, 910 West Jackson Boulevard, has designed a three-story, 50 x 113 ft., brick warehouse for Globe Mills, 4856 South Halsted Street, to cost \$30,000.

CHICAGO, ILL.—E. V. Johnson, 80 E. Jackson Boulevard, awarded contract for constructing auditorium for the Municipal Tuberculosis Sanitarium at Crawford and Bryn Mawr Avenues.

CHICAGO, ILL.—Kenwood Bridge Co., 38 S. Dearborn Street, this city, awarded contract for constructing one-story, 50 x 100 ft., steel and brick foundry building for the Burnside Steel Co. at \$27,500.

CHICAGO, ILL.—Blome-Sinek, 139 N. Clark Street, awarded contract for constructing nine-story reinforced concrete and brick storage plant for Armour & Co. at approximately \$1,500,000.

GREAT LAKES, ILL.—Schmidt Construction Co., 133 Washington Street, Chicago, awarded contract for constructing isolation and aviation camps at the Naval Training Station at \$27,000.

HAWTHORNE, ILL.—T. S. Leake & Co., 608 S. Dearborn Street, Chicago, awarded contract for constructing engine terminal building for the Illinois Central Ry. Co. at \$150,000.

JOLIET, ILL.—Powers, Thompson Construction Co., this city, awarded contract for constructing roundhouse and coaling station for the Michigan Central Ry. at \$161,000.

LASALLE, ILL.—A factory costing \$500,000 will be erected for the Illinois Zinc Co. Builder, The Foundation Co., 209 S. LaSalle Street.

MARION, ILL.—N. S. Spencer & Son, 37 E. Van Buren Street, Chicago, have plans in preparation for a \$22,000 brick garage and sales building, two stories, 95 x 100 ft., for F. B. Davis, N. Market Street.

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Chicago

Philadelphia
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*National Biscuit Company—Pittsburgh, Pa.
A. G. Zimmerman—Architect
Turner Construction Co.—Contractors*

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If you will state kind of business for which building is intended

special information will be furnished

MONMOUTH, ILL.—Aldrich & Aldrich, New Main Building, Galesburg, Ill., have prepared plans for a two-story brick parochial school, 50 x 80 ft., to cost \$30,000. Owner, Church of Immaculate Conception, Rev. F. Coffey, 216 Broadway, Monmouth.

ROCKFORD, ILL.—H. Erickson & Co., 149 N. Clark Street, Chicago, awarded contract for constructing extensions to Camp Grant at \$7,420,000.

INDIANA

TERRE HAUTE, IND.—The G. A. Fuller Co., 140 S. Dearborn Street, Chicago, awarded contract for constructing one-story repair shop, 100 x 400 ft., for the Pennsylvania Ry. Co. at \$125,000.

IOWA

DAVENPORT, IOWA.—Theater costing \$100,000 has been designed by Whitsitt & Schmulzke, Peoples Bank Building, Moline, Ill., for the Liberty Amusement Co., H. H. Treer, president, Davenport.

DECORA, IOWA.—W. E. Suhring, 3025 Cedar Avenue, Minneapolis, Minn., awarded contract for construction addition to office and warehouse for Adams Seed Co. at \$20,000.

DES MOINES, IOWA.—C. Weitz & Sons, 713 Mulberry Street, this city, awarded contract for constructing extensions to Camp Dodge at \$2,500,000.

WATERLOO, IOWA.—M. Blitch, 222 Barclay Street, this city, awarded contract for constructing manufacturing plant for the Ferguson Mfg. Co., one and one-half stories, 40 x 83, at \$15,000.

KANSAS

KANSAS CITY, KAN.—City plans to build ice plant to cost \$250,000.

KENTUCKY

ASHLAND, KY.—V. T. Ritter, 1117 First National Bank Building, Huntington, W. Va., has designed a \$110,000 church, 100 x 140 ft., to be erected at Carter and Eighteenth Streets, Ashland, Ky., for the First Methodist Episcopal Church, Rev. J. Howard Jones in charge, Ashland. Brick and stone.

CYNTHIANA, KY.—McCormick Lumber Co., Lexington, Ky., awarded contract for constructing addition to high school here at \$30,000.

MARYLAND

ANNAPOLIS, MD.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates the construction of buildings for accommodation of additional midshipmen, at approximately \$3,500,000. J. H. DeSibour, Hibbs Building, Washington.

BALTIMORE, MD.—Bartlett Hayward Co. let contract for one-story, 300 x 500 ft., forge shop at shell works on Scott Street and installing equipment in same to Morrow Bros., Fidelity Building. \$900,000.

BALTIMORE, MD.—Chemical plant costing \$200,000, three stories, 208 x 800, will go up at Race and Winthrop Streets, Baltimore. Architect, Westinghouse, Church, Kerr Co., 37 Wall Street, New York City. Owner, General Chemical Co., 90 West Street, New York City.

INDIAN HEAD, MD.—The Austin Co., Washington, D. C., awarded contract for constructing post office building at \$23,408.

INDIAN HEAD, MD.—Babcock & Wilcox, 1010 North American Building, Philadelphia, were low bidders for boiler and superheaters at nitrate plant at \$163,120.

MONKTON, MD.—Five-story flour mill costing \$50,000 will go up at Monkton. Engineer, Otis McCoy, care Monkton Roller Mills, owner and builder, care J. E. McCoy, Oksley Road, Hill Top Park, Baltimore, Md.

ST. HELENA, MD.—The United States Shipping Board, J. R. Flannery, Director of Housing, 140 Broad Street, Philadelphia, contemplates the construction of a public school to cost about \$300,000. Smith & May, Calvert Building, Baltimore, Architects.

MASSACHUSETTS

EAST DEERFIELD, MASS.—Boston & Maine R. R., North Station, Boston, plans to build Y. M. C. A. at a cost of \$150,000. F. H. Flynn, superintendent.

S. WORCESTER, MASS.—F. T. Ley & Co., Inc., 495 Main Street, Springfield, Mass., awarded contract for constructing engine house and workshop for the N. Y., N. H. & H. Ry. Co. at \$55,000.

WEST DUDLEY, MASS.—Burmese Paper Co. plans to build one-story, 30 x 50 ft., hydroelectric power plant. \$50,000.

MICHIGAN

DETROIT, MICH.—Factory addition costing \$400,000 has been planned by Architects Smith, Hinchman & Grylls, 710 Washington Arcade, for Detroit Copper & Brass Rolling Mills, Clark Avenue.

DETROIT, MICH.—Palestine Association, 150 West Fort Street, is having plans prepared for ten-story, 50 x 100 ft., brick and steel lodge on Fort and First Streets to cost \$250,000.

DETROIT, MICH.—Board of Education proposes building 50 x 100 ft. brick and steel power plant, reinforced concrete floor, concrete foundation, on Henry Street, between Second and Third Streets, at a cost of \$125,000. Malcolmsen & Higginbotham, 404 Moffat Building, Architects.

DETROIT, MICH.—Polonia Baking Co., 420 Thirteenth Street, is having plans prepared by H. G. Kastler, Architect, 523 Chamber of Commerce, for three-story, 53 x 156 ft., reinforced concrete and brick bakery, on Thirty-first and Herbert Streets, to cost \$100,000.

HAMTRAMCK, MICH.—Michigan Smelting & Refining Co., 1685 Jos. Campau Avenue, plans to build plant and office costing \$100,000. J. Sullivan, president.

MISSOURI

BELLEFONTAINE, MO.—Bd. Pub. Serv. let contract to build three two-story brick cottages at Bellefontaine Farms to M. C. Bartels, 4224 Bingham Avenue, St. Louis. \$80,000.

KANSAS CITY, MO.—Talbot Reel & Mfg. Co., Eighth and Oak Streets, propose building three-story brick, stone and reinforced concrete factory for which Hoffman Bros. Investment Co., 524 Ridge Building are contractors. \$75,000.

KANSAS CITY, MO.—Korfhage Realty Co. let contract for building three-story hotel, 117 x 127 ft., at 3129 Forest Avenue, to Bliss Building Co., Reliance Building. \$75,000.

ST. LOUIS, MO.—Pan Electric Mfg. Co., 735 South Fourth Street, contemplates building 60 x 100 ft., concrete, brick and steel, laboratory and administration building, near 4092 Bingham Street, to cost \$50,000. Address W. C. Forder. G. P. Wuest, Wainwright Building, Architect.

ST. LOUIS, MO.—City having plans prepared for a morgue costing \$50,000. L. R. Bowen, City Hall, engineer.

ST. LOUIS, MO.—Pan Electric Mfg. Co., 735 South Fourth Street, has awarded contract for building one-story, 190 x 200 ft., concrete, brick and steel factory, reinforced concrete floor, concrete foundation, at 4092 Bingham Street, to W. P. Botts, 4006 Flad Avenue. \$35,000.

ST. LOUIS, MO.—Dielectric Mfg. Co., J. J. Keesler, president, 224 South Vandeventer Avenue, plans to convert ten houses at 224-242 South Vandeventer Avenue into factory.

MONTANA

BILLINGS, MONT.—City let contract for building Deaconess Hospital to F. L. Veatch, Billings. Cost, \$175,000.

HARDIN, MONT.—The Sheridan Sugar Co., E. F. Ogborn, manager, proposes the erection of a \$150,000 factory on an 800-acre site just acquired.

NEW JERSEY

ARLINGTON, N. J.—Fire house and police station costing \$55,000 has been designed by Architect Carl F. Zachau, 37 Highland Avenue, Arlington, for the town of Keamy.

ASBURY PARK, N. J.—Church will be rebuilt at a cost of \$150,000 by Architects Lucian B. Smith and Harry E. Warren, 2 West Forty-seventh Street, New York City. Owner, First Methodist Episcopal Church of Asbury Park. Brick and stone construction.

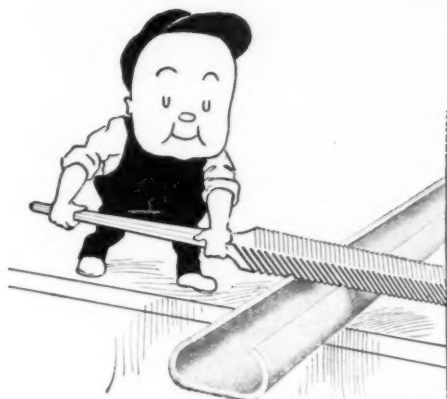
CAMDEN, N. J.—Plate and angle shop costing \$75,000, one story, 75 x 200, has been designed for the New York Shipbuilding Co., E. H. Sapp, chief engineer, Broadway and Fairview Street, Camden. General contract let to Hugh Nawn Constr. Co., 82 Savin Street, Boston, Mass.

CHROME, N. J.—Amer. Agricultural Chemical Co., 2 Rector Street, New York City, awarded contract for building two-story, 101 x 227 ft., reinforced concrete burner building, in connection with fertilizer plant, to Furner Contg. Co., 242 Madison Avenue, New York. \$60,000.

KEARNEY MEADOWS, N. J.—An industrial plant, machine and erecting shops costing \$2,000,000 will be

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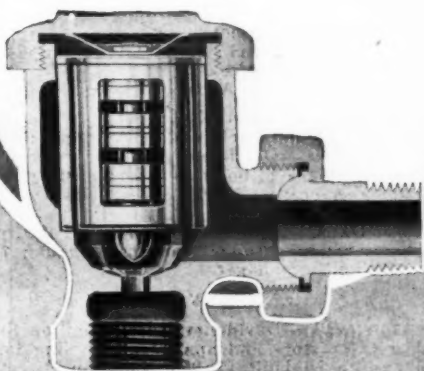
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erected on Lincoln Highway and Hackensack River, Kearney Meadows, from plans drawn by Architects Harris & Richards, Drexel Building, Philadelphia.

MONTVILLE, N. J.—Montville Finishing Co. let contract for building two-story, 50 x 135 ft., brick factory to J. J. O'Leary Co., 500 Bloomfield Avenue, Passaic, at \$40,000.

NEWARK, N. J.—Columbus Crystal Co., 812 Mulberry Street, awarded contract to build two-story, 100 x 185 ft., storehouse and factory on Avenue R to H. C. Doremus, 113 Vanderpool Street. \$25,000.

NEWARK, N. J.—F. Silberman, New and Wilsey Streets, has appointed F. McCue, 142 Market Street, to construct one-story, 221 x 284 ft., brick and steel laundry. \$50,000.

NEWARK, N. J.—Laundry to cost \$50,000 has been designed by Architect E. H. Fougner, 800 Broad Street, Newark, for F. Silverman, 1401 Park Avenue, New York City. Lessee, New Process Laundry Co., care owner. General contract awarded to Francis McCue Constr. Co., 142 Market Street, Newark.

PERTH AMBOY, N. J.—The Standard Oil Co., 26 Broadway, New York City, Walter Teagle, president, will erect a warehouse, canning house, garage, office building, etc., two stories, 40 x 60 ft., in Perth Amboy. Cost, \$90,000. H. D. Best Co., 949 Broadway, New York City, is the builder.

PASSAIC, N. J.—New York Belting & Packing Co., 91 Chambers Street, New York City, will erect one and one-half story, 60 x 150 ft., reinforced concrete, steel and brick, power, boiler and pump houses here, concrete foundation. J. W. Ferguson, United Bank Building, Paterson, has received contract. \$150,000.

TRENTON, N. J.—F. W. Moore, East Orange, N. J., has designed a building for the New Jersey Children's Home Society, Miss Mabel Atman, secretary, Trenton. \$100,000.

VERONA, N. J.—Architect Jordan Green, Essex Building, Newark, has prepared plans for a group of hospital buildings to cost \$120,000 for the Essex County Tuberculosis Hospital, W. C. Pennington, president, Court House, Newark, N. J.

NEW YORK

BUFFALO, N. Y.—Buffalo Aeroplane Corp., 885 Niagara Street, had plans prepared for 100 x 130 ft. factory on West Avenue, near Forest Avenue.

ILION, N. Y.—Remington Arms Co., G. H. Dawson, Ilion, let general contract to R. Richards & Son, Elizabeth Street, Utica, N. Y., for erecting dry kiln; \$25,000; 194 x 70.

KINGSTON, N. Y.—William E. Lehman, 738 Broad Street, Newark, N. J., and Girard W. Betz, 61 John Street, Kingston, N. Y., are Architects for a moving picture theater to be erected in Kingston for Frank A. Keeney, 1493 Broadway, New York City, at a cost of \$60,000.

NEW YORK, N. Y.—The seven-story store of J. B. Greenhut, Inc., Sixth Avenue and Eighteenth Street, New York City, has been leased by the United States Government, Major Noble, on premises, and is to be altered into a hospital at a cost of \$300,000. Contract for the work is in the hands of Stevenson & Cameron, 37 W. Twenty-fifth Street.

NEW YORK, N. Y.—Schwartz & Gross, 347 Seventh Avenue, have designed alterations costing \$25,000 for the six-story store and factory at 155 E. Twenty-third Street. Owner, A. Davidson, 160 Wall Street.

NEW YORK, N. Y.—John L. Bloch, 39 Cortlandt Street, New York, has designed a \$35,000 storage building alteration for George C. Dressler, 1213 Metz Street, Brooklyn.

NEW YORK, N. Y.—A \$30,000 theater has been designed for the American National Red Cross, John Magee, 44 E. Twenty-third Street, and contract awarded to Stevenson & Cameron, 37 W. Twenty-fifth Street, New York City.

NEW YORK, N. Y.—Store and loft building at 129 Maiden Lane, four stories, 19 x 82 ft., will be altered at a cost of \$20,000. John H. Knubel, 305 W. Forty-third Street, Architect. Owner, Denison Realty Co., 92 William Street. Lessee, Frederick Stearns & Co., 108 John Street. Brick and stone.

PIERMONT, N. Y.—Mill, two stories, 250 x 100, has been designed by James Beattie, engineer. Owner, Robert Gair Co., 50 Washington Street, Brooklyn, N. Y. Lessee, Piermont Paper Mills, Piermont. General contract awarded to Turner Constr. Co., 244 Madison Avenue, New York City.

POUGHKEEPSIE, N. Y.—Factory (add.) costing \$40,000, one story, 60 x 180, is proposed by Knickerbocker Motors, Inc., W. C. Guilder. General contract let to Edgar V. Anderson, 39 Market Street.

ROTTERDAM JUNCTION, N. Y.—Engine house, boiler house and office building costing \$75,000, one story, 28 x 66, is proposed. Chief engineer, A. B. Corthell, care owner, Boston & Maine R. R., North Station, Boston, Mass. General contract let to H. Wales Lines Co., Meriden, Conn.

WARDS ISLAND, N. Y.—Contract has been awarded by the United States Government, C. W. Parks, chief Bureau of Yards and Docks, Navy Department, Washington, D. C., to Warren Moore & Co., Thirteenth and Market Streets, Philadelphia, for the erection of hospital buildings on Wards Island, N. Y., at a cost of \$1,000,000.

OHIO

AKRON, OHIO.—Kelly Springfield Tire Co., 229 West Fifty-seventh Street, New York City, will build three-story, 42 x 130 ft., reinforced concrete, steel and brick factory. W. A. Franklin & Son, 146 Howard Street, will do the construction work. \$50,000.

AKRON, OHIO.—Wellman-Seaver-Morgan Co., 7000 Central Avenue, Cleveland, proposes building four-story, 50 x 66 ft., office; reinforced concrete, brick and steel. \$80,000.

CANTON, OHIO.—Dime Savings Bank, 300 Tuscarawas Street, is having plans prepared by Hoggson Bros., 485 Fifth Avenue, New York City, for three-story, 67 x 120 ft., reinforced concrete, brick and steel bank. \$100,000.

CLEVELAND, OHIO.—National Carbon Co., West 117th Street, will build six one-story, three 50 x 60 and the remainder 60 x 80 ft., brick, steel and reinforced concrete factories on Berea Road. Hunkin Conkey Co., Century Building, contractors. \$100,000.

CLEVELAND, OHIO.—Schmidt, Garden & Martin, 104 S. Michigan Avenue, Chicago, Ill., have prepared plans for an \$85,000 factory for Fischel & Marks, Cleveland. Pleas Constr. Co., 30 N. LaSalle Street, has the general contract.

CLEVELAND, OHIO.—Motion picture theater has been designed by W. S. Ferguson Co., Euclid Building, for the Mall Theater Co., care of E. P. Strong, Cleveland National Bank Building. Contract let to E. Paulson Co., 528 Erie Building, at \$100,000.

CLEVELAND, OHIO.—The Carey Co. has plans for a warehouse to be located in the rear of its present location, 5906 Euclid Avenue. The structure will be 150 x 150, four stories, of concrete, and will cost \$50,000. A. E. Brown is vice-president and manager.

KINGS MILLS, OHIO.—Peters Cartridge Co., 1700 First National Bank, Cincinnati, is having plans prepared for two-story brick, steel and concrete factory to cost \$50,000.

LORAIN, OHIO.—A \$1,500,000 chemical plant (18 buildings) is contemplated by Union Chemical Co., Union Building, Cleveland Ohio. Builders, J. H. Ott & Co., 1340 Chestnut Street, Philadelphia, Pa.

MANSFIELD, OHIO.—Hughes Keenan Co., 206 North Mulberry Street, contemplates building one-story, 100 x 200 ft., concrete, brick and steel factory costing \$40,000.

OKLAHOMA

POTEAU, OKLA.—Climber Motor Corp. will build 104 x 300 ft. concrete and steel buildings to cost \$30,000.

RINGLING, OKLA.—Oklahoma, New Mexico & Pacific Ry., Ardmore, plans to build spur and loading station at junction here costing \$50,000. D. H. Dailey, superintendent.

SAPULPA, OKLA.—Prime Petroleum Co., Tulsa, plans to build absorption gasoline plant here costing \$135,000. G. R. Smith, manager.

PENNSYLVANIA

ALLENTOWN, PA.—David Levy, 938 Hamilton Street, is Architect for store and apartment building to cost \$80,000 and to be built at 955 Hamilton Street for Chanock & Sandervotz, 13 N. Nineteenth Street.

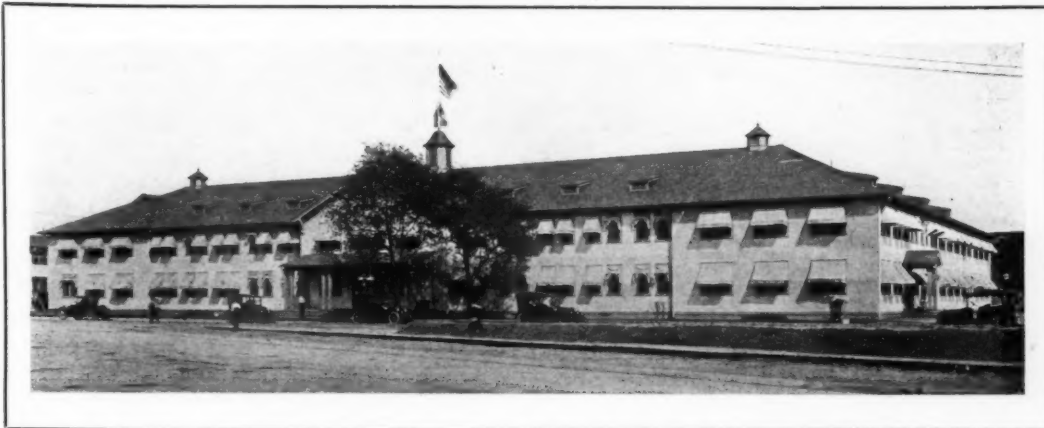
ALLENTOWN, PA.—A three-story warehouse costing \$60,000 has been designed by Architect Henry L. Anderson, 542 N. Fifth Street, for H. Soffransey Co., Allentown, Pa.

BETHLEHEM, PA.—Albert H. Leh, Fourth Street and Broadhead Avenue, Bethlehem, has designed a club-house for the Bethlehem Steel Co. to be erected under Government auspices.

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BLAIRSVILLE, PA.—Two-story silk mill, 81 x 114, costing \$20,000, has been designed by Architect J. Millard, Hutchinson Building, Altoona, Pa. Owner, Schwarzenback, president, Altoona.

CHAMBERSBURG, PA.—E. J. Shulte, Oliver Building, Pittsburgh, has designed alterations for a bank to cost \$40,000. Owner, Chambersburg National Bank. Contractors, Simon, Brittain & English, Oliver Building.

COALDALE, PA.—A hosiery mill to cost \$25,000 has been designed by W. M. High, 11 N. Fifth Street, Reading, for the Coal Dale Hosiery Co., Inc., H. A. Muschlitz, care of Crystal Hosiery Co., Slatington, Pa.

ERIE, PA.—Modern Tool Co., Fourteenth and State Street, plans to build addition costing about \$70,000.

GRANVILLE, PA.—Knights of Malta are having plans prepared by H. T. Haner and G. H. Mowere, Architects, 3110 West Columbia Avenue, for four-story, 40 x 120 ft., hospital, with 40 x 60 ft. wing.

MONCLOVA, PA.—Architect Thomas F. Huber, 755 Spitzer Building, Toledo, Ohio, has designed a school costing \$30,000, one story, 75 x 90, for Monclova Township, Monclova. Owner Board of Education of Monclova Township, W. B. Woods, president, Monclova. General contract let to J. B. Manor, Grand Rapids, Ohio.

PHILADELPHIA, PA.—Four two-story factories will be rebuilt at a cost of \$60,000 for Barrett Mfg. Co., William M. Childs, president, Bermuda and Margaret Streets. Brick.

PHILADELPHIA, PA.—Shop alt. and add. costing \$40,000 have been designed by Architect J. A. Rolletter, 825 City Hall. Owner, city of Philadelphia, Department of Public Safety, William H. Wilson, 225 City Hall.

PHILADELPHIA, PA.—Engine house costing \$100,000, two stories, 306 x 401, will go up at Bridge and Edmond Streets, for Wm. Cramp & Sons Ship & Engine Building Co., Beach and Ball Streets, J. W. Hand, president. Brick contemplated.

PHILADELPHIA, PA.—Experimental shop will go up at a cost of \$275,000. Owner, United States Government, care Sam. Hoff, on premises.

PHILADELPHIA, PA.—United States Government, C. W. Parks, chief Bureau of Yards and Docks, Navy Department, Washington, D. C., plans shipbuilding slips Nos. 2 and 3 (add.) to cost \$100,000, hangars and runway to cost \$400,000 and lookout school to cost \$22,800.

PHILADELPHIA, PA.—Linde Air Products Co., Eighteenth and Cambria Streets, contemplates building one and two-story, 40 x 162 ft., addition; one-story, 22 x 31 ft., garage, and 81 ft. lime pit house. W. W. Lindsay & Co., Harrison Building, will have charge of construction. \$51,000.

PHILADELPHIA, PA.—C. W. Nichols, Beach Street, plans to rebuild factory on Glenants and Llewellyn Streets. F. L. Hoover & Sons, 1023 Cherry Street, have the contract. \$60,000.

PHILADELPHIA, PA. (GRAYS FERRY).—Pennsylvania R. R. awarded contract for building six stall engine house at Grays Ferry yard to T. L. Hare. \$60,000.

PHILADELPHIA, PA.—The Linde Air Products Co., care of Joseph E. Wilworth, Eighteenth and Cambria Streets, will erect a manufacturing building costing \$63,000. W. W. Lindsay Co., Harrison Building, has the contract.

PHILADELPHIA, PA.—Owen Brainard of Carrere & Hastings, 52 Vanderbilt Avenue, New York City, has plans for 600 houses for the Emergency Fleet Corp., Housing Department, Medical Arts Building, Philadelphia. General contract has been awarded to H. P. Schneider, 3717 York Road, Philadelphia. \$2,000,000.

PHILADELPHIA, PA.—Ground between Oregon Avenue and Johnson Street and Seventh to Broad Street, Philadelphia, is being cleared for 576 dwellings for the United States Government, Otto M. Eidlitz, director of housing, 613 G Street, N. W., Washington. Plans were drawn by Rankin, Kellogg & Crane, 1012 Walnut Street, Philadelphia, who have awarded contract to Roydhouse Arey Co., 112 N. Broad Street, Philadelphia.

PITTSBURGH, PA.—A restaurant to cost \$40,000 has been designed for the Pressed Steel Car Co., J. B. Rider, vice-president, Farmers Bank Building. Davis Smith Co., 516 Federal Street, contractor.

READING, PA.—Philadelphia & Reading Railroad Co., A. T. Dico, president, Reading Terminal, Philadelphia, will erect a one-story roundhouse addition costing \$150,000. S. T. Wagner, care of owner, has prepared plans. General contract has been awarded to H. E. Baton, 1913 Sansom Street, Philadelphia.

YOUNGWOOD, PA.—It is proposed to build a grade school costing \$30,000, two stories, 39 x 86 ft., at

Youngwood, Pa. Architect, P. Bartholomew, Coulter Building, Greensburg, Pa. Owner, Board of Education, Salem Township, S. E. Black, president, New Alexandria, Pa. General contractor, J. R. Walter, Scottsdale, Pa.

RHODE ISLAND

WOONSOCKET, R. I.—A. H. Crisholm, Journal Building, Boston, awarded contract for constructing three-story addition to factory of Alsace Worsted Co. at \$50,000.

WOONSOCKET, R. I.—W. Aubin, 1103 Diamond Hill Road, awarded contract for constructing two-story brick mill for the Star Carbonizing Co. at \$45,000.

WOONSOCKET, R. I.—The Bigney Construction Co., 898 Westminster Street, Providence, R. I., awarded contract for constructing an 80-ft. dam, 18 ft. high, across Branch River; also several additions to plant of the Andrews Mills Co. at North Smithfield, at \$265,000.

SOUTH DAKOTA

HURON, S. D.—Farmers Co-operative Packing Co. awarded contract for building four-story, 85 x 225 ft., packing plant, and 85 x 90 ft. power house, reinforced concrete and brick, reinforced concrete floor, to E. Schuler, Minneapolis, Minn. \$500,000.

WATERTOWN, S. D.—J. & W. A. Elliott Co., Lumber Exchange, Minneapolis, Minn., awarded contract for constructing four-story brick factory and one-story brick packing shed for the International Harvester Co., Chicago, at \$100,000.

TEXAS

COLLEGE STATION, TEX.—The physics laboratory building, noted in our issue of Sept. 18, was designed by W. Scott Dunne, college Architect, Agricultural and Mechanical College of Texas, and not by Prof. Adelberger, as stated.

DALLAS, TEX.—Federal Reserve Bank of Dallas, Commerce and Martin Streets, is having plans prepared by Graham, Anderson, Probst & White, Architects, Railway Exchange Building, Chicago, Ill., for five-story reinforced concrete bank. \$500,000. L. P. Talley, cashier.

DALLAS, TEX.—Morton Milling Co., Cadiz Street and Sante Fé R. R., will build addition at 930 Cadiz Street. \$42,000.

UTAH

SALT LAKE CITY, UTAH.—Carpenter Construction Co., this city, awarded contract for constructing mess hall at the University of Utah at \$24,000.

VIRGINIA

ALEXANDRIA, VA.—Architect W. L. Clark, 220 Fairfax Street, has designed a \$30,000 warehouse, 126 x 68, for Chas. King & Sons, 219 Lee Street. Brick.

CATAWBA, VA.—Sears & Brown of Salem, Va., and Barbour & Sons, Roanoke, Va., awarded contract for constructing receiving hospital, three story and basement, 310 x 34 ft., at about \$100,000.

HOPEWELL, VA.—E. I. du Pont de Nemours & Co., Wilmington, Del., contemplate rebuilding warehouses recently damaged by fire. Loss, \$100,000. Address C. K. Weston, Dupont Building, Wilmington, Del.

NORFOLK, VA.—Atlantic Iron Works, 427 Nivison Street, awarded contract to build two-story, 55 x 120 ft., addition to plant to R. R. Richardson & Co., foot of Dunmore Street.

WEST VIRGINIA

MULLENS, W. VA.—Bakery and apartment building costing \$35,000, three stories and basement, 30 x 100, has been designed by Architect A. F. Wysong, Princeton, W. Va., for the Wyoming Baking Co., Eli Nomeff, Mullens.

SUTTON, W. VA.—Sutton Chemical Co., William McCabe, manager, will construct \$700,000 chemical plant.

WISCONSIN

HARTFORD, WIS.—Hartford Canning Co. will build two and three story, 90 x 150 ft., plant. \$50,000.

HARTFORD, WIS.—Factory unit will go up at a cost of \$35,000 for International Steel Products Co., Mr. Jahn, 932 First National Bank Building, Milwaukee, Wis. Otto C. Unke, 1054 Third Street, Milwaukee, taking bids.

MILWAUKEE, WIS.—The Allen-Bradley Co., 495 Clinton Street, secured a permit for the erection of a storehouse to cost \$33,000. Dimensions are 64 x 90 ft., one story high, concrete construction.



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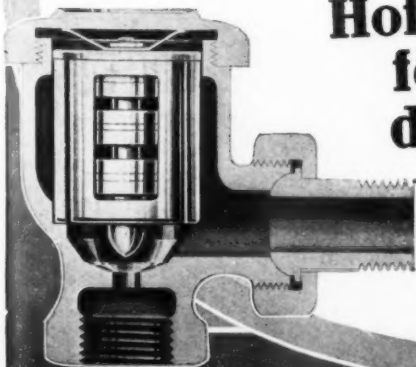
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BUILDING NEWS

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

ALABAMA

ANNISTON, ALA.—The War Department contemplates construction of additional wooden barracks at Camp McClellan. Estimated cost, \$4,500,000.

CAMP SHERIDAN, ALA.—War Department contemplates construction of additional buildings at this camp to cost about \$70,000.

ARIZONA

CLARKDALE, ARIZ.—A. O. Dolson, Jerome, Ariz., awarded contract for constructing a hospital building and a number of other buildings here for the United Verde Copper Co. Work will include an emergency hospital, forty-eight three-room dwellings, twenty five-room houses, four sixteen-room bunkhouses and clubhouse.

PRESCOTT, ARIZ.—The War Department will construct a 1000-bed hospital at the United States General Hospital No. 20, Whipple Barracks, in addition to the 300-bed hospital recently authorized. The new structure will be set aside for tubercular patients and will cost \$1,581,525.

CALIFORNIA

COLUSA, CAL.—The Sacramento Northern Co. will build a large warehouse at the foot of Market Street, for which plans have been completed. The structure will be 50 x 200 ft. and modern in every particular.

INGLEWOOD, CAL.—J. A. Crook, 619 Exchange Building, Los Angeles, awarded contract for constructing one-story crematory and columbarium at Inglewood Cemetery, at approximately \$60,000.

LONG BEACH, CAL.—W. Morace Austin, Architect, First National Bank Building, this city, has completed plans for the remodeling of the Columbia Theater. Estimated cost of work about \$35,000.

LOS ANGELES, CAL.—Leonardt & Peck, H. W. Hellman Building, this city, awarded contract for constructing three buildings for the Globe Grain & Milling Co. at its cottonseed oil plant. One building will be three stories, 120 x 160 ft., reinforced concrete; the other two buildings will each be about 185 x 193 ft., with concrete walls.

OAKLAND, CAL.—Boiler Makers & Iron Shipbuilders' Union will build 4-story Class "A" building on Franklin St. near 14th St. \$300,000.

VENTURA, CAL.—T. E. Hill & Co., 1126 Title Insurance Building, Los Angeles, was low bidder for constructing four new buildings at the California School for Girls, near here, at \$62,266.

WEIMAR, CAL.—Mathews Const. Co., Forum Building, Sacramento, awarded contract for constructing a hospital building for State Board of Tuberculosis, at \$122,422.

CONNECTICUT

BRIDGEPORT, CONN.—H. W. Lines Co., Meriden, Conn., awarded contract for constructing engine house for the N. Y., N. H. & H. R. Co. at \$66,000.

HARTFORD, CONN.—F. C. Walz, Archt., 348 Trumbull St., plans building 2-story, 64 x 68 ft., concrete and brick bakery, rein.-con. floor, concrete foundation on Windsor St. for Lenz's Bakery, 1261 Main St. \$45,000.

HARTFORD, CONN.—City let contract to build 1-story, 39 x 167 ft. brick machine shop, storeroom, roller room and blacksmith shop, on Sheldon St., to J. H. Grozier Co., 721 Main St. \$25,000.

HARTFORD, CONN.—Hartford Special Machine Co., Woodland Ave., let contract for building 1-story, 55 x 150 ft. machine shop and storage building on Homestead Ave., to R. G. Bent & Co., 904 Main St. \$25,000.

NEW HAVEN, CONN.—New York, New Haven & Hartford R. R. will erect 1-story, 75 x 151 ft. terra cotta blocks and brick, electrical department building at Cedar Hills yards. E. Gagel, ch. engr.

WATERBURY, CONN.—Scoville Mfg. Co., 99 Mill St., proposes building 1-story, 40 x 320 ft. factory on East Main St. Work to cost \$40,000.

WEST HARTFORD, CONN.—Ainsless Machine & Tool Co., Jefferson Ave., awarded contract for building 1-story, 50 x 160 ft., brick factory to J. M. Wooley, Hartford. \$30,000.

DISTRICT OF COLUMBIA

LANGDON, D. C.—Plans are being prepared by Hornblower & Marshall, Architects, Wilkins Bldg., Washington, D. C., for the construction of a school building to cost about \$90,000.

WASHINGTON, D. C.—The Lincoln National Bank contemplates constructing additions to bank and office building at 318 7th St., to cost approximately \$500,000.

WASHINGTON, D. C.—The District Commissioners contemplate the construction of a warehouse on H St. near 2d, S. E.; 1-story, 70 x 120 brick construction, concrete foundation. Snowden Ashford, Archt.

WASHINGTON, D. C.—The Y. W. C. A. will construct a temporary lodging house near the munition factories, containing recreation hall, dining hall. A permanent building will also be constructed at 13th and I sts.

WASHINGTON, D. C.—Bids will be received about Sept. 20, for constructing office building for the International Machinists' Union, 66 x 100, 5-story steel frame, or reinforced concrete construction, to cost approximately \$150,000. Milburn, Heister & Co., Architects, 710 14th St., this city, are preparing the plans.

WASHINGTON, D. C.—A. P. Clark, Architect, 816 14th St., are preparing plans for the construction of an office building for C. W. Riker, Evans Bldg., at 14th & G sts., to cost approximately \$300,000.

WASHINGTON, D. C.—B. Stanley Simmons, Architect, R. E. Trust Bldg., is preparing plans for the construction of the Gage School at 2d & V sts., N. E. 2-story, brick, concrete construction, to cost about \$100,000.

WASHINGTON, D. C.—H. B. Wilson, 715 8th St., N. W., let contract to build 2-story garage, to R. P. Whitty Co., Union Trust Bldg. \$50,000.

WASHINGTON, D. C.—Y. M. C. A. plans to build 10-story, concrete and steel in G and 17th sts., N. W. \$800,000. C. L. Harding, 729 15th St., Archt.

FLORIDA

MIAMI, FLA.—Armour Co., 208 South La Salle Street, Chicago, plans to build three-story reinforced concrete plant at Sixth Street and Avenue B, covering 7808 sq. ft. floor spacing on each floor.

PENSACOLA, FLA.—J. M. Crona awarded contract for constructing two war-work houses at Pensacola Naval Air Station and at Fort Barrancas, at \$15,000 each.

PENSACOLA, FLA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of storehouse for aviation engineers to cost approximately \$40,000. Also boat shed to cost \$60,000.

ILLINOIS

CHICAGO, ILL.—The Vitrola Talking Machine Co. contemplates construction of a plant costing \$250,000 on Fifty-second Avenue, north of Twenty-second Street, as soon as conditions permit.

PEORIA, ILL.—V. Jobst & Co. awarded contract for constructing additions to the Holt Mfg. Co. plant at about \$3,000,000.

IOWA

DAVENPORT, IOWA—Henry W. Horst & Co. were awarded contract for constructing about 460 houses in Rock Island, Moline and E. Moline by the Housing Committee of the Government.

INDIANA

ANDERSON, IND.—Factory, 60 x 140, will be built for the Arcade File Works. General contract let to Ernest Watkins.

FORT WAYNE, IND.—The repair shop of the Fort Wayne & Northern Indiana Traction Co. has been damaged by fire to the extent of \$75,000. The building, a frame structure, was struck by lightning.

HAMMOND, IND.—\$500,000 fertilizing plant (several buildings) designed by Architect C. H. Kane, care owner, will be erected for Swift & Co., U. S. Yards, Chicago, Ill. General contract let to Wieboldt Constr. Co., 1534 W. Van Buren Street, Chicago.



Architects, Warren & Wetmore, Reed & Stemm

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H. V. Mattison, Jr., Keady & Mattison Co., Ambler, Pa.

KANSAS

BONNER SPRINGS, KANS.—\$75,000 high school, 112 x 134, will go up in Bonner Springs, Kans. Archts. Smith, Rea & Lovitt, 602 Finance Bldg., K. C., Mo. Owner B. of E., C. S. Miller, secy., Bonner Springs, Kans. All bids rejected. To be readvertised at once.

MAINE

BAR HARBOR, ME.—Housing facilities costing \$66,000 are to be erected in Bar Harbor for U. S. Govt., C. W. Parks, chf. Bureau Yards & Docks, Navy Dept., Washington, D. C.

EDEN, ME.—Housing facilities designed to cost \$66,000 will go up in Eden. Private plans. Owner U. S. Govt., C. W. Parks, chf. Bureau Yards & Docks, Navy Dept., Washington, D. C.

MARYLAND

BALTIMORE, MD.—Chemical plant costing \$200,000, 3-sty., 208 x 800, will go up on Race & Winder sts. Archt. Westinghouse Church Kerr Co., 37 Wall St., N. Y. C. Owner General Chemical Co., 90 West St., N. Y. C. Brk. & conc.

BALTIMORE, MD.—Morrow Bros., Fidelity Building, this city, were awarded contract for constructing forge shop at the shell works of Bartlett, Hayward Co. at \$900,000. Structure to be one story, 300 x 500 ft.

BALTIMORE, MD.—The War Department has leased Pier No. 5 and plans construction of warehouse for storage purposes to cost approximately \$200,000.

CUMBERLAND, MD.—Manufacturing plant costing \$5,000,000 has been planned for the American Cellulose & Chemical Co., Dr. C. Dreyfus, president, 613 Fifth Avenue, New York City. General contract let to George A. Fuller Co., Munsey Building, Washington, D. C., and 175 Fifth Avenue, New York City.

MASSACHUSETTS

BROCKTON, MASS.—Walkover Shoe Co. proposes building 40 x 64 x 71 ft., concrete and brick power plant to cost \$56,000. Jenks & Ballou, 735 Grosvenor Bldg., Providence, R. I., have prepared plans.

FRANKLIN, MASS.—Boston & Maine R. R. North Sta., Boston, let contract building 1-story, 30 x 203 ft., concrete and brick freight house, concrete foundation to H. Wales Lines Co., 134 State St., Meriden, Conn. \$80,000.

LOWELL, MASS.—Boston & Maine R. R. North Sta., Boston, proposes building engine house. H. Wales Lines Co., 134 State St., Meriden Conn. have contract. \$40,000.

SOMERVILLE, MASS.—Adams Coal & Wood Co., 281 Beacon St., awarded contract for building 1-story, 100 x 100 ft. garage, to E. J. Van Etten, 53 Mapleton St., Brighton. \$30,000.

MICHIGAN

BAY CITY, MICH.—Bay City Fdry. & Machine Co., 1509 South Water, let contract for 1-story, 110 x 200 foundry, to Austin Co., 1430 Penobscot Bldg., Detroit. \$50,000.

HAMTRAMCK, MICH.—The Michigan Smelting & Refining Co. contemplate constructing plant and office building to cost approximately \$100,000.

LANSING, MICH.—The city Board of Health contemplates constructing a detention hospital to cost approximately \$75,000 on the hospital grounds of the Edward W. Sparrow Hospital.

ST. CLAIR, MICH.—Diamond Crystal Co. let contract to build 2-story, 100 x 100 ft. addition to warehouse, to J. O'Sullivan Sons Co., 520 River St., Port Huron. \$25,000.

MINNESOTA

DULUTH, MINN.—Plans were drawn for residence to cost \$30,000. 2 sty. 28 x 35. East Side, nr. Woodland Park. Archt. Anthony Puck, 617 Torrey Bldg. Owner C. F. Colman, Manhattan Bldg. Brk. & stone.

EVELETH, MINN.—M. P. theater: \$12,000. Archts. Holstead & Sullivan, Palladio Bldg., Duluth. Engr. W. K. Robertson, 4321 Fremont Ave., S., Minneapolis, Minn. Owner Frank Rabinowitz, Empress & Strand Theater, Eveleth. Brk.

HAWLEY, MINN.—Kirby T. Snyder, Architect, 933 Plymouth Building, Minneapolis, is preparing plans for the construction of a high school building, two stories. James Smart, secretary Board of Education.

MINNEAPOLIS, MINN.—J. Leck Co., 316 S. Seventh Street, this city, was awarded contract for constructing four-story warehouse for the Baker Implement Co. at \$50,000.

MISSOURI

KANSAS CITY, MO.—Bliss Building Co., Reliance Building, received contract for constructing apartment hotel for Korfhage Realty Co. at about \$75,000.

KANSAS CITY, MO.—Hoffman Bros. Investment Co., 524 Ridge Building, was awarded contract for constructing three-story factory building for Talbott Reel & Mfg. Co. at \$75,000.

ST. JOSEPH, MO.—Fogel Construction Co., 1201 S. Eleventh Street, Kansas City, Mo., was given contract for constructing one-story bakery building, 51 x 85 ft., for the Staedtler Bakery Co. at \$30,000.

ST. LOUIS, MO.—W. P. Botts, this city, was awarded contract for constructing one-story factory building for the Pan Electric Mfg. Co. at \$35,000.

ST. LOUIS, MO.—Western Planing Mill Co., 4550 Pope Ave., plans to rebuild plant destroyed by fire entailing loss of \$45,000. Address C. J. Twielenmeyer, 4552 Pope Ave.

ST. LOUIS, MO.—Ordnance Dept., Wash., D. C., and Mississippi Valley Iron Co., La Salle Bldg., are negotiating for the establishment of a big iron plant. Cost, \$10,000,000. E. F. Goltra, pres. Mississippi Valley Iron Co., 6500 South B'way, in charge.

ST. LOUIS, MO.—Plans are being prepared for the construction of a morgue to cost approximately \$50,000. L. R. Bowen, engineer, City Hall.

NEBRASKA

LAUREL, NEB.—Bids are being received for the construction of a school building to cost \$35,000. W. L. Steele, 500 United Bank Building, Sioux City, Iowa, Architect.

OMAHA, NEB.—Apt. hotel, store and office to cost \$300,000 is proposed for 18th & Dodge sts., 7 sty. & bas. 110 x 120. Archt. Jas. T. Allen, 224-226 Brandeis Theater Bldg. Owner Fireproof Bldg. Co., care gen. contr. Gen. Contr. Home Builders Co., Inc., Brandeis Theater Bldg.

OMAHA, NEB.—Home Builders, Inc., Brandeis Building, this city has contract for constructing machine erecting shop for the Union Pacific Ry. at \$110,000.

NEW JERSEY

CAMDEN, N. J.—Archt. E. D. Litchfield, 447 5th Ave., N. Y. C., has designed 1000 houses nr. Camden, N. J. Engrs. Lockwood Green Co., 101 Park Ave., N. Y. C. Owner Fairview Realty Corp., U. S. Shipping Board Emergency Fleet Corp., 253 N. Broad St., N. Y. C.

CAMDEN, N. J.—R. H. Beaumont Co., Drexel Bldg., Phila., Pa., propose building 1-story, 50 x 200 ft. plant on 24th St. J. S. Rogers Co., Morristown has received contract. \$25,000.

CAMDEN, N. J.—Pub. Serv. Ry., 80 Park Pl., Newark, are building 1-story shop. J. S. Rogers Co., Drexel Bldg., Phila., Pa. \$40,000.

JERSEY CITY, N. J.—Factory costing \$55,000, four stories, 52 x 100, has been designed for Davis Bournonville Co., 149 Broadway, New York City. Builder, John M. Gill & Co., Otis Building, Philadelphia, Pa.

NEWPORT, N. J.—Canning factory, packing house and storage house will be rebuilt at a cost of \$150,000, one story, 250 x 70, 60 x 60 and 25 x 50. Newport, near Cedarville, N. J. Owner, Staden Cosier Co., Petcr Cosier in charge, Newport.

NEWARK, N. J.—F. McCue, 142 Market Street, was given contract for constructing one-story laundry building for F. Silberman at \$50,000.

PATERSON, N. J.—Bank and office at S. W. cor. Market & Hamilton sts. will be altered at a cost of \$35,000. Archt. Mowbray & Uffinger, 56 Liberty St., N. Y. C. Owner United States Trust Co., Edw. R. Weiss, pres., 130 Market St., Paterson.

RAHWAY, N. J.—Phila. Quartz Co., 121 South 3rd St., Phila., Pa., purchased 30 acre site here and plans to build large brick and concrete factory costing \$150,000.

NEW YORK

BINGHAMTON, N. Y.—New buildings and other improvements costing approximately \$7,794,500 are contemplated at the State Hospital, including the following: Surgical pavilion, \$25,000; new building and equipment for acute cases, \$150,000; additional building and equipment for patients of chronic class, \$350,000; laundry equipment, \$15,000; residence building, equipment and utility connections for two physicians, \$15,000; fireproof record building, \$4,500; conveyors for coal and ashes at power plant, \$30,000; remodeling heating system south and west buildings, \$20,000, and other im-

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provements. Dr. Charles G. Wagner, superintendent State Hospital.

NEW YORK, N. Y.—Refrigerating plant to cost \$1,000,000, eight stories, will go up at Tenth Avenue and Marginal Street, Fifteenth to Sixteenth Streets. Architect, R. C. Clark, care owner, Armour & Co., 120 Broadway.

NEW YORK, N. Y.—D. M. Ach, Archt., 1 Madison Ave., soon lets contract for building 2-story, 92 x 125 ft., rein-con., steel and brick factory and garage, concrete foundation, for A. Louy, 511-519 West 21st St. \$90,000.

NEW YORK, N. Y.—Summerfield & Steckler, engrs., 31 Union Sq., have prepared plans for a 1-story, 200 x 200 ft., rein-con., steel and brick garage, brick foundation, for A. Allen, 128 B'way. Cost, \$85,000.

POUGHKEEPSIE, N. Y.—Moline Plow Co., Water St., have plans for erecting 2-story, 70 x 225 ft. addition to plant. \$50,000.

SYRACUSE, N. Y.—Ballard Construction Co., this city, has contract for constructing concrete, steel and brick engine house for the New York Central Ry. at approximately \$250,000.

UTICA, N. Y.—Cosby-Manor Realty Co. plans to build about 100 brick and timber houses at Kellogg and Carolina Aves. and Hickey St.; plans for 2 houses 30 x 40 ft. each are being prepared. Total cost, \$400,000. J. E. McLoughlin, pres.

OHIO

AKRON, OHIO.—W. A. Franklin & Son, 146 Howard Street, have contract for constructing three-story reinforced concrete, steel and brick factory building for the Kelly Springfield Tire Co. at \$50,000.

CANTON, OHIO—Hoggson Bros., 485 Fifth Avenue, New York City, are preparing plans for the Dime Savings Bank for constructing an addition to their bank building to cost approximately \$100,000.

CANTON, OHIO—Architect W. S. Epperson, Daily News Building, has plans for a factory addition for the Dominion Sheet Metal Co. at Hamilton, Ohio, A. S. Enlow, general manager. Two stories, 50 x 125. \$75,000.

CINCINNATI, OHIO.—M. Marcus Building Co. has been awarded contract for constructing additions to the Groves Fertilizing Co., Lockland, who expect to double the capacity of its plant.

CINCINNATI, OHIO.—The Cincinnati Planer Co. will construct a one and two story brick factory and welfare building at 3106 Federal Street, Oakley, at an estimated cost of \$25,000.

CINCINNATI, OHIO.—The American Smelting & Refining Co. contemplates changes in its plant. Bausmith & Drainie, Gerke Building, are preparing plans for this work, to cost approximately \$20,000.

CLEVELAND, OHIO.—Machine and pattern shop to cost \$75,000 will be erected for the Ohio Blower Co., 9300 Detroit Avenue. General contract let to A. A. Lane Constr. Co., 1836 Euclid Avenue.

CLEVELAND, OHIO.—Factory to cost \$85,000, 80 x 260, was designed by Architects Schmidt, Garden & Martin, 104 S. Michigan Avenue, Chicago, for Fishel & Marks, 3013 E. Fifty-fifth Street, Cleveland.

CLEVELAND, OHIO.—S. H. Weis, Architect, Shofield Building, has prepared plans for the construction of a \$40,000 building for the Bissinger Magneto Co. Building will be two stories, 40 x 135 ft.

CLEVELAND, OHIO.—Cleveland Pneumatic Tool Co., 3378 East 78th St., let contract for building 1-story, 52 x 165 ft., rein-con., brick and steel factory on East 78th St., to A. A. Lane Constr. Co., 1836 Euclid Ave. \$25,000.

CLEVELAND, OHIO.—W. Pattison Supply Co., 747 Rockwell Ave., let contract for building 1-story, 120 x 160 ft., brick and steel factory to S. W. Emerson Co., 1900 Euclid Bldg. \$60,000.

CLEVELAND, OHIO.—Western Reserve University, 10,940 Euclid Ave., plans to build 2-story dormitories, 100 x 200 ft., concrete, brick and steel. \$150,000.

CLEVELAND, OHIO.—Carey Co., Euclid Ave., plans to build 4-story, 100 x 250 ft. warehouse, brick, steel and concrete, at a cost of \$200,000.

CLEVELAND, OHIO.—Cleveland Worsted Mill Co., 6730 B'way, contemplates building 3-story, 62 x 104 ft., rein-con., brick and steel factory to cost \$100,000. G. S. Rider & Co., 512 Century Bldg., have plans in progress.

COLUMBUS, OHIO.—Fire destroyed the foundry and workshop at the Chase Foundry & Mfg. Co., at Smoky Road and Hocking Valley tracks. Loss, \$25,000. The

company is engaged in the manufacture of trucks and industrial railway systems exclusively for the Government.

DAYTON, OHIO.—The Duriron Castings Co., 115 Bayard Street, has purchased land adjoining its plant to take care of expansion.

DAYTON, OHIO.—The National Cash Register Co., W. D. Patterson, president, will shortly start work on an addition to a power house, one story, 40 x 230. \$25,000.

HAMILTON, OHIO.—Factory costing \$75,000 has been designed by Archt. W. S. Epperson, 519 Daily News Bldg., Canton, for Dominion Sheet Metal Corp., A. T. Enlow, Hamilton, Brk., steel & conc.

LORAIN, OHIO.—J. Hott & Co., 1340 Chestnut Street, Philadelphia, were awarded contract for constructing eighteen factory buildings for the Union Chemical Co. of Cleveland at approximately \$1,500,000.

TOLEDO, OHIO.—Architect Sidney Aftel, 949 Ohio Building, is ready for bids on a warehouse and office for Henry Rosen, 2551 Smead Avenue. \$50,000.

TOLEDO, OHIO.—H. Rosen, 2251 Smead Ave., will build 3-story, 70 x 100 ft., rein-con., brick and steel warehouse and office building to cost \$70,000. S. Ofel, 949 Ohio Bldg., Archt.

TOLEDO, OHIO.—Toledo Screw Products Co., 2240 Smead Ave., plans to build 1-story, 40 x 200 ft., concrete, brick and steel factory.

WARREN, OHIO.—Walsh Construction Co., 19 S. La Salle Street, Chicago, was awarded contract for constructing one-story warehouse, 56 x 280 ft., for the Erie Ry Co. here at approximately \$50,000.

WELLSVILLE, OHIO.—Pennsylvania Lines West of Pittsburgh are having plans prepared by P. T. Dunn, Wellsville, for enlargement and improvement of shops. \$276,000.

PENNSYLVANIA

ALTOONA, PA.—Pennsylvania R. R., Broad St. Sta., Phila., plans to build addition to its electric power plant. A. C. Shand, ch. engr.

BRISTOL, PA.—Hospital to cost \$75,000 will go up at Harriman, nr. Bristol, Pa. Archt. Carroll H. Pratt, Bristol. Owner & Bldr. Merchants Ship Bldg. Co., W. F. Smith, secy., Bristol.

DARLING, PA.—Infirmary to cost \$50,000 is to be erected in Darling. Archts. Ludlow & Peabody, 101 Park Ave., N. Y. C. Owner Sleighton Farm, State Reformatory, Mrs. Martha P. Falconer, supt., Darling. Tile & stucco.

DAWNSDALE, PA.—Foundry costing \$20,000 will go up at Dawnsdale. Archt. & Engr. Hoopes Falkenau Engrg. Co., Woolworth Bldg., N. Y. C. Owner & Bldr. The Lansdale Foundry Co., B. F. Kirk, in charge, on prem. Steel & brk.

EMPORIUM, PA.—Pennsylvania R. R., Broad St. Sta., Phila., will erect engine house and shop facilities. Roydhouse, Arey & Co., 112 North Broad St., Phila., contractors. \$100,000.

ERIE, PA.—The Lake Shore Ice Cream Co. will erect two new buildings at its plant, Fifteenth and Parade Streets. The larger one, \$25,000, 40 x 96, of tile, for a cold storage warehouse and garage. The other will be one story, of concrete, for storage and manufacturing, \$6,000, and so constructed that other stories can be added.

FARMERSVILLE, PA.—Res., Garage & Stable costing \$100,000 will be erected near Farmersville. Archts. Duncan, Frazier, Koch & Wagner, 603 5th Ave., N. Y. C. Owner H. S. Snyder, vice-pres. Bethlehem Steel Co., Bethlehem, Pa.

FORTY FORT, PA.—Archt. & Engr. Ballinger & Perrot, 17th & Arch sts., Phila., have prepared plans for a machine shop (add.): Abt. \$50,000, 1-sty., 80 x 60 ft. Owner & Bldr. International Fabricating Corp., Wilkes-Barre, Pa. Brk., conc.

HARMARVILLE, PA.—155 res.: 2 sty. each will be built in Harmarville. Archts. Peterson & Clark, Steubenville, Ohio. Owner Consumers Mining Co., Bessemer Bldg., Pittsburgh, Pa., & care Belle Iron Works, Steubenville. Gen. contr. let to Thompson-Starrett Co., 2nd Natl. Bank Bldg., Pittsburgh, Pa.

JOHNSTOWN, PA.—Wm. A. Cochrane Junior High School, to cost \$300,000, will be erected on Central Ave. Consltg. Archt. Henry Hornbostel, 63 William St., N. Y. C.

JUNIATA, PA.—Pennsylvania R. R., Broad St. Sta., Phila., plans to build 240 ft. extension to erecting shop, increase capacity of machine shop, build additions to forge and blacksmith shops and additional riveting tower for boiler works. A. C. Shand, ch. engr.

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MARIETTA, PA.—Pennsylvania R. R., Broad St. Sta., Phila., had plans prepared for engine house and shops to cost \$500,000. A. C. Shand, ch. engr.

MILTON, PA.—Housing to cost \$400,000 is proposed for Milton. Archt. Clinton Mackenzie, 15 Broad St., N. Y. C. Engr. Walter Frick, Louisburg, Pa. Owner U. S. Govt., Otto Eidlitz, pres., U. S. Housing Corp., 613 G St., N. W., Washington, D. C.

PHILADELPHIA, PA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of pattern shop to cost approximately \$635,000.

PHILADELPHIA, PA.—Pennsylvania R. R., Broad St. Sta., propose building addition to engine house. W. Steele Sons Co., 46 North 16th St., has been awarded contract. \$100,000.

PHILADELPHIA, PA.—Phila. & Reading R. R., Reading Terminal, will build battery house and signal towers to include 6 buildings. C. C. Pace, Merion, will undertake the work. \$40,000.

PHILADELPHIA, PA.—James Johnston, 1721 Ludlow Street, this city, was awarded contract for constructing additions to bank and office building of First Penny Savings Bank at \$20,000.

PITTSBURGH, PA.—Seven Baker Bros., Wabash and Lower St., having plans prepared for 3-story, 50 x 100 ft. bakery and ovens. Bartberger & Fisher Westinghouse Bldg., Archts. Cost, \$25,000.

PITTSBURGH, PA.—The National Tube Co. has bought property having 3000 ft. of frontage on the Monongahela River in Driveburg, opposite Port Vue, for \$160,000. It is expected construction will be started soon.

PITTSBURGH, PA.—Gulf Refining Co., Gross St., let contract for building garage and machine shops to H. Foulkrod, Oliver Bldg. \$200,000.

PITTSBURGH, PA.—The Emergency Fleet Corp. has taken over the management of the Harriman townsite and contemplates construction of many new homes for shipworkers, also large hotel, hospital and other town buildings.

PITTSBURGH, PA.—The Ward & Mackey Biscuit Co. contemplates construction of a baking plant to cost approximately \$125,000 on Penn Avenue in the Point Breeze district.

POTTSTOWN, PA.—Nagel Steel Co., acquired site and plans to build plate mill and several large heating furnaces on site of former Potts property here.

WILKES-BARRE, PA.—Market Realty Co., East Market and Penn. Aves., let contract for building 1-story, 30 x 80 power plant, to Pine & Minnick Co., Buffalo, N. Y. \$40,000.

RHODE ISLAND

NEWPORT, R. I.—Bakery costing \$50,000 has been designed for the United States Government, C. W. Parks, chief Bureau of Yards and Docks, Navy Department, Washington.

PROVIDENCE, R. I.—Williams & Marchant, 86 Weybossett St., awarded contract for constructing an addition to factory of the Rhode Island Tool Co., at \$26,000.

SOUTH CAROLINA

CHARLESTON, S. C.—Charleston Consolidated Ry. & Lighting Co., 141 Meeting St., let contract for extending plant on Charlotte St. J. A. P. Crisfield Contg. Co., Graves Lane, Phila., Pa., has contract. Cost, \$700,000.

CHARLESTON, S. C.—The United States Housing Corp. is planning to build 400 houses at Charleston for the accommodation of workers at the Charleston Navy Yard.

GREENVILLE, S. C.—The Gallivan Building Co., awarded contract for construction at Camp Seiver of about 240 barrack buildings, 60 kitchens, 60 latrines and bath houses, officers' quarters and other necessary construction. An appropriation of \$2,250,000 is available.

TEXAS

DE LEON, TEX.—A hotel will be constructed by Chamber of Commerce at a cost of approximately \$100,000.

FORT WORTH, TEX.—Armour & Co., Chicago, contemplate construction of addition to dry storage plant, adding about 75,000 ft. to storage space.

VIRGINIA

BRIDGEWATER, VA.—O. H. Miller, McLachlan Building, Washington, D. C., has designed a garage and office of brick and concrete, 28 x 58 ft.

FORT MONROE, VA.—Hampton Roads Engineering & Const. Co., Hampton Roads, Va., awarded contract for additional construction at the coast artillery training center here.

HAMPTON ROADS, VA.—John Gill & Sons, Citizens Bldg., Cleveland, Ohio, awarded contract for constructing training camp and hospital buildings at a cost of \$3,400,000.

NEWPORT NEWS, VA.—Hostess house costing \$60,000, 1½-sty., 120 x 100, will go up in Camp Stewart. Archts. F. B. & A. Ware, 1170 Broadway, N. Y. C. Owner Natl. Catholic War Council, Walter Hook, secy., 30 E. 42d St., N. Y. C.

NORFOLK, VA.—\$10,000 factory, two stories, will be erected for John D. Westbrook, 409 Water Street. General contract let to Johnson Construction Corp., Inc., Law Building.

RICHMOND, VA.—Boiler factory to cost \$4,000,000 will be constructed near James River, Richmond, for Newport News Ship Building Co., F. B. Palen, vice-pres., on prem. Gen. contr. let to Mellon & Stuart Co., Munsey Bldg., Washington, D. C., and Pittsburgh, Pa.

RICHMOND, VA.—Office bldg., 10th, nr. Main St., will be altered at a cost of \$40,000 by Archt. Chas. Robinson, Times Dispatch Bldg. Owner Times Dispatch Bldg. Corp., T. S. Winston, pres., on prem. Gen. contr. let to J. T. Wilson Co., Mutual Bldg.

WINCHESTER, VA.—Two-story, 75 x 204, cannery, costing \$30,000, has been designed by Architect W. Leon Clark, 220 S. Fairfax Street, Alexandria, Va. Owner, National Fruit Products Co., Cooper Dawson in charge, Winchester. General contract let to H. U. Crumit, Clarksburg, W. Va.

WASHINGTON

CENTRALIA, WASH.—Dr. L. A. Scace, this city, contemplates constructing three-story hospital building, 35 x 103 ft., to cost approximately \$35,000. J. R. Nevins, Seattle, Architect.

PORT ANGELES, WASH.—Harold Ginnold, Architect, Seaboard Building, Seattle, has completed plans for construction of a two-story frame amusement pavilion, 75 x 85 ft., for the Amusement Commission of Federal Government. The building will cost approximately \$12,000.

RAYMOND, WASH.—Trenchall & Perelius, Builders' Exchange, Portland, Ore., awarded contract for constructing 2-story reinforced concrete slab constructed building for the Willapa State Bank at about \$41,000. Houghtaling & Dougan, Henry Bldg., Portland, Architects.

SEATTLE, WASH.—Plans have been completed by J. R. Nevins, Hoge Building, this city, for the constructing of a two-story masonry hospital for Dr. John W. Wilkins at Sixth and John Streets. Estimated cost about \$35,000.

SEATTLE, WASH.—Engineers of the J. F. Duthie Shipbuilding Co. have completed plans for the construction of a heavy timbered punch and boiler shop, 209 x 93 ft., to be constructed by that company at the local ship plant, 3262 Eleventh Avenue, S. W., at once.

WEST VIRGINIA

SPENCER, W. VA.—Architect A. C. Thomson, care of the Spencer Brick Co., has plans for a storage building, one or two stories high, 30 x 150, for the Farmers' Club, of which B. F. Creech is agent.

WHEELING, W. VA.—The Liberty Transit Co. is having plans prepared for the construction of a large and completely equipped river terminal building.

WISCONSIN

MADISON, WIS.—The Wisconsin Legislature appropriated \$150,000 for the construction of barracks at the several normal schools in Wisconsin that will establish student army training corps.

MILWAUKEE, WIS.—National Brake & Electric Co. contemplates construction of a factory building to cost about \$60,000.

MILWAUKEE, WIS.—Annealing building costing \$70,000, one story, 50 x 225, has been planned by Architect H. J. Esser, Camp Building, for National Brake & Elec. Co., R. P. Tell, president. General contract let to Paul Riesens & Sons, 1018 Humboldt Avenue.

MILWAUKEE, WIS.—Factory costing \$40,000 was designed by Architect A. C. Eschweiler, Goldsmith Building, for Allen Bradley Mfg. Co., Lymis Bradley, treasurer, 495, Clinton Street. Contract let.



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WINSLOW WINDOW

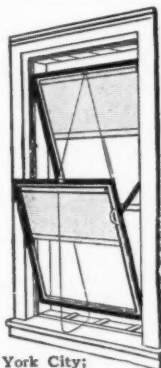
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BUILDING NEWS

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

ALABAMA

FAIRFIELD, ALA.—Tennessee Coal & Iron Co., B. M. Building, plans to build 300 three-story houses.

GADSDEN, ALA.—The National Pipe & Foundry Co., Gadsden, Ala., is arranging for the rebuilding of its plant, including machine shop, steamfitting shop and other buildings, recently destroyed by fire with a loss of about \$100,000.

ARKANSAS

BATESVILLE, ARK.—A. J. Edwards plans to build washing plant to cost \$40,000.

LITTLE ROCK, ARK.—Hospital Board proposes building four-story, 45 x 120 ft., brick and concrete hospital to cost \$200,000.

CALIFORNIA

LOS ANGELES, CAL.—The Board of Education, Los Angeles, is having plans prepared for the construction of two one and two story shop buildings, 40 x 80 ft., for industrial work at the Jefferson and Lincoln high schools.

LOS ANGELES, CAL.—The Salt Lake Railroad, Pacific Electric Building, Los Angeles, has had plans prepared for the construction of a new tank car repair shop, 200 x 220 ft., to cost about \$150,000.

LOS ANGELES, CAL.—The R. J. Chandler Shipbuilding Co., Wilmington, Los Angeles, operating a plant on Mormon Island, has filed plans for the construction of a two-story addition, 44 x 72 ft.

MARE ISLAND (VALLEJO P. O.), CAL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build quarters for yeoman at Naval Hospital. Specification 3531.

OAKLAND, CAL.—Union Constr. Co., 604 Mission Street, San Francisco, had plans prepared for a plate and angle shop, costing \$50,000; outfitting wharf, \$40,000; compressor house, \$4,000; storehouse, \$6,000; several small reinforced concrete buildings, \$2,800.

TULARE, CAL.—Carpenter Cheese Co., Salida, has purchased a two-acre site here and plans to build factory. \$100,000.

COLORADO

DENVER, COL.—City plans to build wooden barracks at University of Denver, to be used by Students' Army Training Corps. Construction will cost \$50,000.

CONNECTICUT

BRIDGEPORT, CONN.—Mendelson Bros., 622 Water Street let contract for building stores on Stratford Avenue and Kossuth Street to Jackson & Greer, 500 Park Street. \$50,000.

GROTON, CONN.—H. Zavoritis Development Co., 8 State Street, New London, is having plans prepared by L. E. Conway, Architect, Goldsmith Building, New London, for a hotel, four stories, 120 x 126 ft., with two wings 36 x 100 ft. each, brick, reinforced concrete. About \$400,000.

HARTFORD, CONN.—S. K. F. Ball Bearing Co., 336 New Park Avenue, will erect one-story, 53 x 120 ft., brick factory, concrete foundation. \$28,000.

NEW HAVEN, CONN.—Hamden Plains Methodist Episcopal Society congregation proposes building 50 x 115 ft. brick and concrete, church, on Dixwell Avenue and Church Street. H. W. Foote, 185 Church Street, Architect.

DELAWARE

WILMINGTON, DEL.—The E. I. du Pont de Nemours Co., Wilmington, Del., has awarded contract to the Realty Construction Co., Eleventh Street, for the erection of a two-story and basement addition to its experimental plant, 44 x 50 ft., to cost with equipment \$25,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build hospital. Specification 3529.

WASHINGTON, D. C.—The Bureau of Yards and

Docks, Navy Department, Washington, is planning the construction of a galvanizing plant at Norfolk, Va., to cost \$100,000. The department has also had plans prepared for a new electric distributing system at Hampton Roads, Va., to cost \$50,000.

WASHINGTON, D. C.—The Bureau of Yards and Docks, Navy Department, Washington, is taking bids for a naval torpedo assembly plant to be erected at Alexandria, Va., at a cost of \$950,000. It will include a main building, reinforced concrete, four stories, 123 x 300 ft., and a two-story structure, 114 x 245 ft.

WASHINGTON, D. C.—The War Department, Washington, has approved appropriations as follows: Additions to the Rock Island Arsenal, Rock Island, Ill., to cost \$833,500; construction of a phosphorus plant at Fairmont, W. Va., to cost \$500,000. The American Phosphorus Co., Philadelphia, will build and operate the works. Construction of a tetryl plant at Senter, Mich., to consist of main plant, magazines, power house, boiler plant and other structures, including tramways, to cost \$250,000.

FLORIDA

JACKSONVILLE, FLA.—The S. B. Hubbard Hardware Co. will rebuild a portion of its plant on South Bay Street, which was damaged by fire some weeks ago.

TAMPA, FLA.—Texas Oil Co., 17 Battery Place, New York City, plans to build petroleum plant to cost \$150,000.

GEORGIA

ATLANTA, GA.—The City Commissioners will construct a dormitory for nurses of Grady Hospital to cost about \$25,000.

ATLANTA, GA.—A \$50,000 hostess house will be erected in Atlanta, Ga. A. Tufts, Peyton Road, has the contract.

IDAHO

BOISE, IDAHO.—James A. Fennell, Architect, has completed plans for a new health resort to be constructed at Hot Springs, about two miles from Montour, including construction of a twenty-five-room hotel and six cottages.

ILLINOIS

CHICAGO, ILL.—Exposition Building will be remodeled at a cost of \$100,000 to \$400,000. Architects, Postel & Fisher, 1732 Marquette Building. Owner L. T. Leiter Estate, care A. B. Hulit, Van Buren and State streets.

CHICAGO, ILL.—Garage, office building and new warehouse costing \$60,000 have been planned by Architects Dillard & Bacon, 343 S. Dearborn Street. Owner, Grasselli Chemical Company, 2101 Canalport Avenue.

GREAT LAKES, ILL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans grading drill field. Specification 3528. \$20 000.

INDIANA

EAST CHICAGO, IND.—Baldwin Locomotive Works, 80 East Jackson Building, contemplates building plant. \$5,000,000.

FRANKFORT, IND.—City authorized \$50,000 bond issue to improve electric light plant.

INDIANAPOLIS, IND.—Indianapolis Union Railway had plans prepared by Price & McLanahan, Architects, Bellevue Court Building, Philadelphia, for passenger train shed to cost \$1,000,000. J. J. Turner, Union Station, Pittsburgh, president.

INDIANAPOLIS, IND.—The Government contemplates constructing a dormitory to accommodate 400 women workers of the Stenotype Co., and other dormitories will be built here.

INDIANAPOLIS, IND.—Two barracks, a mess hall and a bathhouse will be constructed at a cost of \$20,000 at Butler College to accommodate the S. A. T. camp there.

IOWA

PLEASANT PRAIRIE, IOWA.—Pleasant Prairie Savings Bank let contract, to J. E. Howe & Son, Muscatine for \$60,000 bank.



Fenestra Stock Sash daylightes and ventilates the buildings of the Chicago, Burlington & Quincy Railroad at Burlington. This group of buildings includes an erecting and machine shop, a power house and a blacksmith shop.

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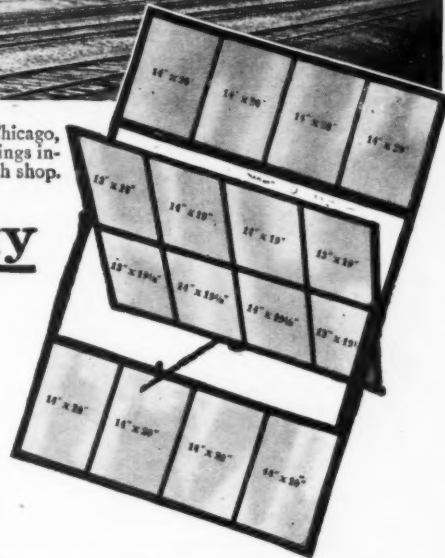
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KANSAS

FRANKFORT, KAN.—Savoy Hotel is having plans prepared by Rose & Peterson, Architects, Kansas City, for a three-story, 65 x 81 ft., brick and stone hotel costing \$50,000.

HUTCHINSON, KAN.—St. Elizabeth's Hospital let contract to build four-story, 50 x 150 ft., brick and concrete hospital on Monroe and Twenty-first Street to Stamey Mackey Construction Co. \$80,000.

LEAVENWORTH, KAN.—Board of Education proposes building two-story, 96 x 130 ft., brick, steel and reinforced-concrete community school to cost \$95,000. M. E. Moore, superintendent. T. W. Williamson & Co., 418 Central Bank Building, Topeka, Architects.

SOUTH HAVEN, KAN.—Board of Education will build two-story, 74 x 93 ft., brick, stone and reinforced-concrete high school costing \$50,000. S. S. Voight, 601 Fourth National Bank Building, Wichita, Architect.

KENTUCKY

DAWSON SPRINGS, KY.—Sanitarium to cost \$1,850,000 authorized by Acting Supervising Architect J. A. Wetmore, Treasury Department.

STITHTON, KY.—Illinois Central Railroad, 135 East Eleventh Place, Chicago, Ill., let contract for one story, 40 x 200 ft., passenger station, freight house and express building to J. E. Nelson & Son, 118 North La Salle Street, Chicago, Ill. \$85,000.

LOUISIANA

BOSSIER, LA.—Bossier Parish plans to build court house and jail. \$56,000.

NEW ORLEANS, LA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build addition to office building. Specification 3525.

NEW ORLEANS, LA.—The Lukens Iron & Steel Co. will construct one of the largest steel and iron storage warehouses in the country on the site enclosed by Callopie, Triangle and S. Peters Streets.

NEW ORLEANS, LA.—E. A. Christy, Architect, has prepared plans for the city for construction of a trade school building on City Park Avenue, 150 x 400 ft., three stories, fireproof and ordinary construction. Address A. G. Ricks, Commissioner of Public Finance, City Hall.

MARYLAND

ST. HELENA, MD.—School costing \$350,000, three stories and basement, 200 x 375 ft., has been designed by Architects Smith & May, Calvert Building, Baltimore, Md., for Baltimore County School Board. S. M. Shoemaker, president, Court House, Towson, Md., and U. S. Shipping Board, A. M. Taylor, chief, 1421 Cherry Street, Philadelphia, Pa.

MASSACHUSETTS

CHICOPEE, MASS.—Greek Church Society, 129 Main Street, Chicopee Falls, is having plans prepared by G. P. Dion, Architect, 30 Market Street, for a one-story brick church to cost \$75,000. Address T. Maichas.

MICHIGAN

DEARBORN, MICH.—Factory will be built on Elm Street and Michigan Central Railroad for Henry Ford & Son, Henry Ford, president. \$60,000.

DETROIT, MICH.—Chicago Pneumatic Tool Co., Second and Amsterdam streets, is having plans prepared by H. S. Angell, Architect, 722 Free Press Building, for a five-story, 60 x 181 ft., reinforced-concrete factory.

DETROIT, MICH.—J. Shevitz, 193 East Ferry Avenue, is having plans prepared by Weinbert & Lewis, Architects, 503 Congress Building, for two-story, 50 x 150 ft., brick and steel factory, costing \$25,000.

DETROIT, MICH.—Factory and office has been planned by Associate Architects Albert Kahn and Ernest Wilby, 1000 Marquette Building. Owner, Michigan Smelting & Refining Co., Jos. Sillman, president, 1685 Jos. Campau Avenue. General contract let to W. E. Wood Co., 1808 Ford Building. \$100,000.

DETROIT, MICH.—United Motors Corporation, 78 Woodward Avenue, is having plans prepared for three-story, 45 x 185 ft., reinforced-concrete and steel office on Cass Avenue, between Milwaukee Avenue and Boulevard. A. Bach, 78 Woodward Avenue, Architect. \$100,000.

DETROIT, MICH.—Enameling plant will have a \$75,000 addition, one story, 200 x 152, at Harper and Strong Avenues. Architect Albert Kahn, Ernest Wilby, As-

sociate, 1000 Marquette Building. Owner Packard Motor Car Co.

DETROIT, MICH.—The Detroit Copper & Brass Rolling Miss, Clark Avenue, Detroit, is having plans prepared for an addition to its plant to cost about \$350,000.

DETROIT, MICH.—A one-story boiler plant, 65 x 100 ft., will be erected by the Anderson Forge & Machine Co., Detroit, on East Jefferson Street.

DETROIT, MICH.—The Charles Bohn Foundry Co., Hart Avenue, Detroit, has had plans prepared for a one-story addition, 40 x 120 ft., at Chene and Finley Avenues.

DETROIT, MICH.—The Central Forge Co., Detroit, will erect three one-story factory buildings, 96 x 192 ft., 60 x 301 ft. and 63 x 301 ft. respectively, on Euclid Avenue, East, at an expenditure of \$300,000.

MINNESOTA

ST. PAUL, MINN.—Preliminary plans have been drawn for a factory to cost \$200,000 and to go up at University and Fairview avenues. Architect, Toltz Engineering Co., Pioneer Building. Owners, Griggs & Cooper, T. W. Griggs, president, Third and Broadway.

MISSISSIPPI

GREENWOOD, MISS.—Big Bend Cooperage Co. plans to rebuild plant recently destroyed by fire with loss of about \$60,000.

GULFPORT, MISS.—Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of additions to training camps.

MISSOURI

ST. LOUIS, MO.—United Brewing Co., O. F. Stifel, president, Gravois and Michigan Avenues, plans to alter warehouses and convert brewing plant into oleomargarine factory. \$100,000.

ST. LOUIS, MO.—St. Louis University, Grand and West Pine streets, has awarded contract for building two-story, 130 x 130 ft., and one-story, 20 x 142 ft., mess hall to Woermann Construction Co., Century Building. \$50,000.

ST. LOUIS, MO.—F. Wyland Building Co., 5451 Delman Boulevard, will build four-story, 100 x 100 ft., concrete and brick mercantile building and garage at 3675 Olive Street. \$132,000.

NEW JERSEY

ASBURY PARK, N. J.—First Methodist Episcopal congregation plans to rebuild 70 x 190 ft. church at a cost of \$150,000. L. B. Smith and H. E. Warren, 2 West Forty-seventh Street, New York City, Architects.

BAYONNE, N. J.—United Industries, 14 West Thirty-third Street, New York City, contemplates erecting three-story, 81 x 190 ft., Y. M. C. A. building, brick and steel, on Avenue E, between Twenty-second and Twenty-third Streets. F. G. Front, 19 West Forty-fourth Street, New York City, Architect. \$250,000.

BELLEVILLE, N. J.—Board of Freeholders, Essex County, Newark, is having preliminary plans prepared for one-story hospital costing \$50,000. Strombach & Mertens, 1091 Clinton Avenue, Irvington, Architects.

HARRISON, N. J.—The Hyatt Roller Bearing Division of the United Motors Corporation, Harrison, N. J., is having preliminary plans drawn for a proposed two-story addition.

NEWARK, N. J.—The National War Work Council of the Y. W. C. A. contemplates construction of a new recreation center near the International Arms & Fuse Co., Bloomfield, at a cost of \$25,000.

NEWARK, N. J.—The Upson-Walton Co. of New York, 462 Riverside Avenue, Newark, N. J., manufacturer of wire rope, etc., has filed plans for a two-story addition, 55 x 137 ft., to cost \$40,000.

NEWARK, N. J.—Warehouse costing \$40,000 has been designed by Architect Edward E. Grant, 537 Washington Avenue, Newark. Owner and builder, Upson-Walton Co., 2291 Broadway, New York City, and on premises. F. H. Parker, manager, 462 Riverside Avenue, Newark.

NEW BRUNSWICK, N. J.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans marine barracks. Specification 3518. To cost \$22,000.

NEW BRUNSWICK, N. J.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans radio station. Specification 3524.

PHILLIPSBURG, N. J.—The Government has taken over the Roseberry tract of 85 acres and will construct dwellings for war workers at a cost between \$350,000 and \$450,000.

Brains Mixed with Steel make "Ideal" Elevator Door Hardware



"Ideal" Hangers run easily and noiselessly. Bearings protected from dust and dirt. Regularly made for single doors, two-speed doors, three-speed and combination elevator doors; doors in pairs.

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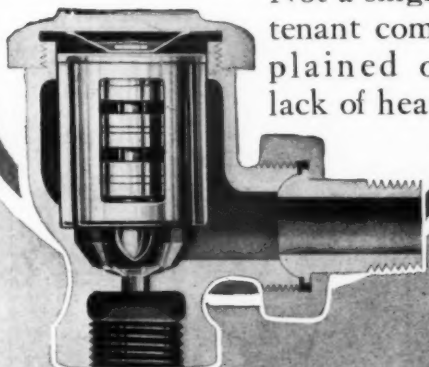
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I am pleased to confirm my verbal conversation in reference to the Hoffman Return Line Valves installed in the Lessing Building last summer.

Although last winter was a most unusual and severe one, we consumed about 800 tons of coal less than the winter previous. This I attribute almost entirely to the efficiency of Hoffman Valves.

Furthermore, I did not have a single call or complaint from any of the tenants because of lack of heat during the entire winter, whereas the winter before, one man was kept busy practically all the time adjusting, cleaning and repairing valves in the 114 apartments in our building. Aside from the increased efficiency of the plant, the saving in fuel and labor more than paid for the valves the past season.

I am, therefore, very glad to give the Hoffman Return Line Valves my unqualified approval and shall be glad to have you use my name as reference.

Yours very truly,

(Signed) A. M. Halley,

Lessing Apartment Bldg., Chief Engineer.
Broadway & Surf Street.

HOFFMAN SPECIALTY CO.

128 N. Wells Street, CHICAGO

512 Fifth Ave., New York 215 W. 7th St., Los Angeles

NEW YORK

ALBANY, N. Y.—Patent Vulcanized Roofing Co., Tivoli Street, contemplates one-story, 72 x 245 ft., brick addition to factory. \$30,000.

BROOKLYN, N. Y.—A. Benjamin, 1464 Eastern Parkway, will build one-story, 80 x 100 ft., brick garage to cost \$25,000.

BROOKLYN, N. Y.—R. Cohen, 235 Park Avenue, plans to build two-story, 50 x 99 ft., brick garage at Vanderbilt and Park avenues, New York City, costing \$35,000. Cohn Bros., 361 Stone Avenue, Brooklyn, Architect.

BROOKLYN, N. Y.—Soss Mfg. Co., 435 Atlantic Avenue, let contract for building three-story, 50 x 130 ft., brick and steel and concrete factory, brick and concrete foundation, on Bergen Street and Grand Avenue, to W. Kennedy Construction Co., 215 Montgomery Street. \$75,000.

BROOKLYN, N. Y.—The Soss Mfg. Co., 435 Atlantic Avenue, Brooklyn, manufacturer of hardware specialties, has awarded a contract to the William Kennedy Construction Co., 215 Montague Street, for the construction of a three-story plant, 50 x 130 ft., at Bergen Street and Grand Avenue, to cost \$35,000.

BUFFALO, N. Y.—The King Sewing Machine Co., Buffalo, has had plans drawn and is letting contracts for the erection of an addition, 34 x 111 ft., to its plant at Welland Avenue and the Lackawanna Railroad.

GREEN ISLAND, N. Y.—Ford Motor Co., Highland Park, Detroit, Mich., purchased 200 acre site for a large tractor plant.

ILION, N. Y.—The Remington Arms Co., Ilion, N. Y., has filed plans for a one-story boiler plant, 38 x 65 ft. It has also awarded contract to R. Richards & Sons, Utica, N. Y., for a one-story addition to its kiln works, 70 x 190 ft., to cost \$25,000.

LONG ISLAND CITY, N. Y.—Long Island Railroad let contract for building one-story, 60 x 225 ft., reinforced-concrete and brick engine terminal to Austin Co., 217 Broadway, New York City. \$50,000.

NEW YORK CITY, N. Y.—G. F. Johnson, 30 East Forty-second Street, had plans prepared by J. J. Dunigan, Architect, 391 West 149th Street, for one-story, 55 x 62 ft., brick garage, on Westchester Avenue, near Rogers Place. \$40,000.

NEW YORK, N. Y.—Atlantic & Pacific Steamship Co., 7 Hanover Square, is having plans prepared by J. W. O'Connor, Architect, 3 West Twenty-ninth Street, for five-story, 45 x 47 ft., home on Water Street and Hanover Square.

POUGHKEEPSIE, N. Y.—The Knickerbocker Motors, Inc., Poughkeepsie, N. Y., has awarded contract to Edgar V. Anderson, Market Street, Poughkeepsie, for a one-story addition, 60 x 175 ft., to cost \$40,000.

ROCHESTER, N. Y.—Bridgeford Machine Tool Co., Winton Road, let contract for building one- and two-story, 150 x 275 ft., reinforced-concrete factory to Crowell, Lyndoff, Little Co., Liberty Building. \$100,000.

ROTTERDAM, N. Y.—The Boston & Maine Railroad Co., A. B. Corthell, chief engineer, North Station, Boston, has let contract for erection of an engine house, a boiler house and an office building at Rotterdam Junction, N. Y., to cost \$75,000.

UTICA, N. Y.—Utica Steam & Mohawk Valley Cotton Co., 801 State Street, will build additions to cotton mill. \$30,000.

NORTH DAKOTA

RAPID CITY, N. D.—First Methodist Episcopal Congregation had plans prepared by Edwins & Edwins, Architects, 910 N. W. Building, Minneapolis, Minn., for one-story, 70 x 101 ft., school and church to cost \$50,000.

OHIO

ALLIANCE, O.—Fraternal Order Eagles propose building four story, 40 x 110 ft., reinforced concrete, brick and steel store and club, on Main Street. G. Nelson, 515 Main Street, has contract. \$100,000.

CINCINNATI, OHIO.—Elzer & Anderson, Architects, Citizens National Bank Building, have designed casino and restaurant, 78 x 100 ft., concrete, for Cincinnati Zoological Gardens on Vine Street. \$100,000.

CLEVELAND, OHIO.—The Steel Products Co., Cleveland, will build a one-story machine shop addition, 89 x 120 ft.

CLEVELAND, OHIO.—Armory and barracks to cost \$200,000, two or three stories, will be erected at Western Reserve University, 1694 Euclid Avenue.

CLEVELAND, OHIO.—State Board of Control, Columbus, plans to build two-story memorial hall of reinforced-concrete, brick and steel. \$250,000.

CLEVELAND, O.—Board of Education, Rockwell and East Sixth Street, let contract for gymnasium, one story, 75 x 125 ft., reinforced concrete, steel and brick, for West High School, Franklin Avenue, to Drummond Miller Co., 440 Guardian Building. \$150,000.

CLEVELAND, O.—City let contract building foundation for 270 x 430 ft., reinforced concrete, brick and steel auditorium and convention hall, to Hunkin-Conkey Company, Century Building, \$65,288. Osborn Engineering Company, 2848 Prospect Avenue, have prepared plans.

CLEVELAND, O.—Factory to cost \$100,000 will be erected at East 45th Street and St. Clair Avenue. Structural engineer, Ernest McGeorge, 1900 Euclid Avenue. Owner, The Brown Hoisting Machinery Company, H. H. Brown, president, 4403 St. Clair Avenue.

CLEVELAND, OHIO.—Acme Box Lumber Co., 3471 East Forty-ninth Street, proposes building two-story concrete and brick factory on East Fiftieth Street to cost \$25,000.

CLEVELAND, OHIO.—Bissinger Magneto Co., 1613 Prospect Avenue, will build two-story, 40 x 135 ft., brick and reinforced-concrete factory on East Twenty-first Street to cost \$50,000. S. H. Weiss, 1032 Schofield Building, Architect.

CLEVELAND, OHIO.—Cleveland Electric Metal Co., 2391 West Thirty-eighth Street, plans to build one-story, brick, steel and concrete factory, costing \$50,000.

CLEVELAND, OHIO.—Electric Steel Forge Co. plans to build one-story, 80 x 400 ft., concrete, brick and steel factory, costing \$100,000.

DAYTON, OHIO.—The Austin Co., Cleveland, Ohio, was awarded contract for constructing a building for the Dayton Wright Airplane Co. at \$65,000.

DAYTON, O.—Church costing \$150,000 was planned by Architects Schenk & Williams, Mutual Home Building. Owner, Grace M. E. Church, Rev. George W. Bunton, 333 N. Robert Boulevard.

DAYTON, OHIO.—Additional buildings for the housing of airplanes and other purposes will be constructed by the War Department on sites adjoining the McCook Field.

EAST LIVERPOOL, OHIO.—Town Council contemplates construction of a fire station and city hall to cost \$94,000.

SANDUSKY, OHIO.—New York Central Railroad, Cleveland, is having plans prepared for one-story, brick, steel and concrete locomotive repair shops, costing \$168,000.

SPRINGFIELD, OHIO.—City is having plans prepared by S. Hannaford & Sons, Architects, Hulbert Block, Cincinnati, for hospital. \$250,000 available.

YOUNGSTOWN, OHIO.—Youngstown Bread Co., Mahoning and Floral avenues, is having plans prepared by C. D. Cooley & Co., Architects, Century Building, Pittsburgh, Pa., for three-story, reinforced-concrete bakery. \$60,000.

OKLAHOMA

OPTIMA, OKLA.—Eugene Staedelin received contract for constructing one-story and basement school building, 44 x 60 ft., brick and frame, at \$12,000. Mann & George, Architects, Rorobaugh-Wiley Building, Hutchinson, Kan.

PENNSYLVANIA

BRICKERVILLE, PA.—The Erie Railroad Co., 50 Church Street, New York, will build a one-story engine house and shop buildings at Brickerville, Pa., to cost \$25,000.

CHAMBERSBURG, PA.—The Cumberland Valley Railroad Co., Chambersburg, Pa., is having plans prepared for an engine house to cost \$30,000.

DARLING, PA.—Sleighton Farm State Reformatory plans to build infirmary. M. P. Falconer, superintendent. Ludlow & Peabody, 101 Park Avenue, New York City, Architects. \$50,000.

ERIE, PA.—James Stewart & Co., New York City, has contract for constructing about 700 homes for munition workers at about \$3,800,000.

FRANKFORD, PA.—The War Department contemplates construction of additions and extensions to the arsenal to cost approximately \$1,000,000.

GRANVILLE, PA.—Home and hospital costing \$400,000 was designed by Architects Hauer & Mowere, 829 Cum-



Speeding the Liberty Planes

Lupton

INVESTMENT VALUE

When the makers of the Delco Light consulted us about their great new factory we might have said, "Use a sawtooth or a series of monitors."

But we knew that no ordinary roof would ventilate so wide a building; also that a wide sawtooth gives unsatisfactory lighting.

We recommended the Pond Truss roof here shown. It was cheaper than a sawtooth. It required less sash. It gives abundant, ideally-distributed light "like working under a tree." And it gives *real* ventilation, rain or shine.

That factory is now used by the Dayton-Wright Airplane Co. They have other buildings; but all the most responsible Wright product is made under Pond Trusses, protected with top-hung, motor-operated Pond Continuous Sash.

The Pond Truss was invented to aid our customers to get 100 per cent. service from Pond Continuous Sash. It has set a new standard for lighting and ventilating performance in nearly a hundred buildings.

Ask our Service Department.

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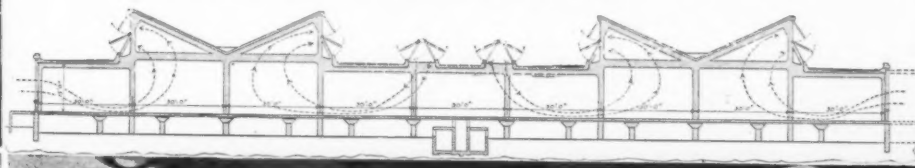
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Makers of modern equipment for daylighting and natural ventilation

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PATENTED
WEATHER-PROOF WHEN OPEN

is made in 20 ft. units, joined by expansion caps into lines of any length. It is top-hung, with storm panels at the ends, hence excludes any ordinary rain. Exclusive patented features give unusual strength and resistance to corrosion.



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Pivoted Factory Type
Counterbalanced Type
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Pond Continuous Sash
for Pond Truss, saw-tooths,
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Lupton Rolled Steel Skylight
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Door
Lupton Steel Shelving

"INVESTMENT
VALUE"

berland Street, Lebanon, Pa. Owner, Knights of Malta Home and Hospital Association of the Grand Commandery of Pennsylvania, Hon. E. W. Samuels, president board of governors Mt. Carmel, Pa.

HARMARVILLE, PA.—La Belle Iron Works, Oliver Building, Pittsburgh, has awarded contract to build twelve mining buildings and 200 houses here to Thompson-Starrett Co., Second National Bank Building, Pittsburgh. \$1,000,000.

MILTON, PA.—Power plant and building to cost \$350,000 has been planned by Adv. Architect F. B. Wheaton. Adv. Engineer, F. M. Gunby. Owner, United States Government, R. C. Marshall, Jr., Construction Division, U. S. N. A. All of Seventh and B Streets, S. W., Washington, D. C. Authorized.

NOXEN, PA.—Tanning plant costing \$1,000,000 was designed for Noxen Leather Co., U. S. Yards, Chicago, Ill.

NOXEN, PA.—Boiler plant costing \$50,000 was designed by Architect Westinghouse Church Kerr Company, 37 Wall Street New York City, for Armour Leather Company, Chicago, Ill. Brick and concrete.

PHILADELPHIA, PA.—Irwin & Leighton, 126 N. Twelfth Street, have contract for constructing steel, concrete and brick factory for William & Harvey Roland at \$25,000.

PHILADELPHIA, PA.—Melody & Keating, 1322 Race Street, were awarded contract for constructing emergency hospital building for the Bureau of Yards and Docks, Navy Department, at \$323,349.

PHILADELPHIA, PA.—Hero Manufacturing Co., Gaul and Adams streets, has been authorized by War Department, Washington, D. C., to build three 200 x 200 ft. additions and 30 x 30 ft. boiler house. \$150,000.

PHILADELPHIA, PA.—Factory, power plant and office building to cost \$300,000 has been planned for the American Insulation Co., John W. Latham, president, Roberts and Stokley streets. General contract let to Wm. Steele & Sons, 46 N. Sixteenth Street.

PITTSBURGH, PA.—Ward & Mackey Biscuit Co. had plans prepared for three-story, brick, steel and concrete bakery on Penn and Lexington avenues. \$125,000.

POTTSTOWN, PA.—Austin Co., Cleveland, Ohio, received contract for constructing a building, 90 x 80 ft., for the North American Motors Co., at about \$24,000.

READING, PA.—The Carpenter Steel Co., Reading, Pa., is building a two-story addition, 20 x 60 ft., at River Road and Exeter Street, to be known as Building No. 40, to cost \$40,000.

ROCHESTER, PA.—Loyal Order of Moose, Junction City Lodge, No. 331, plans to build Temple. \$60,000.

RHODE ISLAND

MELVILLE, R. I.—C. S. Cunningham Coast Co., 7 Water Street, Boston, was awarded contract for constructing radio building masts and towers for the Navy Department at \$77,224.

PROVIDENCE, R. I.—Three-story post office costing \$150,000 has been authorized for U. S. Government Treasury Department, Washington, care Custodian, F. E. Fitzsimmons, Federal Building, Providence.

TEXAS

DUBLIN, TEX.—Evans Hotel plans to build addition to cost \$50,000.

RANGER, TEX.—W. T. Flippen, E. R. Shane and W. Sudderth plan to build two-story hotel, theater and stores costing \$75,000.

UTAH

PROVO, UTAH.—Brigham Young University had plans prepared for construction of Mechanic Arts Building to cost \$50,000.

VIRGINIA

HAMPTON ROADS, VA.—West Granite & Constr. Co., Richmond, Va., was awarded contract for constructing boiler plant building for Navy Department at \$224,000.

HAMPTON ROADS, VA.—M. W. Kellogg, 90 West Street, New York City, received contract for constructing radial brick chimney at navy yard here at \$14,100.

HAMPTON ROADS, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build steam distribution boiler plant and house. Specification 3520. \$800,000.

NORFOLK, VA.—Cold storage building for dairy products costing \$25,000 has been designed for Milliner Dairy Co. General contract let to Griffin Bros., Arcade Building.

QUANTICO, VA.—Bureau of Yards and Docks, Navy

Department, Washington D. C., plans grading and roads. Specification 3523.

QUANTICO, VA.—Arthur Tufts, Candler Annex, Atlanta, Ga., received contract from National War Works Council, Y. W. C. A., New York City, for construction of hostess house, two stories, 50 x 125 ft., to cost \$50,000.

YORKTOWN, VA.—F. W. Marks Construction Co., 1701 Finance Building, Philadelphia, was awarded contract for constructing concrete oil reservoir and fuel storage plant and equipment, twelve buildings, at about \$571,840.

WASHINGTON

ANACORTES, WASH.—The Morrison Mill Co., Anacortes, Wash., plans improvements to its plant. The project will represent an expenditure of \$75,000.

CENTRALIA, WASH.—The Stillwater Lumber Co., Centralia, Wash., whose plant was recently destroyed by fire with a loss of \$125,000, will construct a new plant.

STEARNSVILLE, WASH.—The Stearns Lumber & Shingle Co., Stearnsville, Wash., was completely destroyed by fire with a loss of \$75,000.

SEATTLE, WASH.—The Skinner & Eddy Shipbuilding Corp., Seattle, will construct a heavy timbered corrugated iron carpenter shop, 100 x 420 ft., to cost \$50,000.

SEATTLE, WASH.—Puget Sound Bridge & Dredging Co., Central Building, was awarded contract for constructing additional buildings at the aviation school at the University of Washington, including administration building, hangar, laboratory building and truck house, at \$54,198.

SEATTLE, WASH.—Fleiness & Dahl, 1321 First Avenue, have contract for constructing a boiler house and garage building at the navy training camp here at \$29,800.

SEATTLE, WASH.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans commissary storehouse. Specification 3519.

SEATTLE, WASH.—Skinner & Eddy Shipbuilding Corp., 1201 R. R. Avenue, is preparing plans for two-story, 80 x 250 ft., pipe shop, heavy timber construction. \$35,000.

SPOKANE, WASH.—The General Machinery Co. contemplates constructing additions to its plant at Riverside and Freya Avenues to cost about \$50,000.

SPOKANE, WASH.—The General Machinery Co., Spokane, contemplates an investment of \$50,000 in enlargement and equipment of its plant at Riverside Avenue and Freya Street.

WEST VIRGINIA

HUNTINGTON, W. VA.—L. J. Dean, Architect, Foster Building, proposes building six-story, 65 x 160 ft., store, with 23 x 25 ft. wing, brick, reinforced concrete flooring, for O. J. Morrison Department Store Co., Charleston. \$100,000.

MULLENS, W. VA.—A. W. Wysong, Princeton, W. Va., has contract for constructing building, 30 x 109 ft., for the Wyoming Baking Co. at \$25,000.

WISCONSIN

EAU CLAIRE, WIS.—First Congregational Church is having plans prepared by Holmes & Flynn, Architects, 8 South Dearborn Street, Chicago, Ill., for 116 x 126 ft. church to cost \$85,000.

HAMILTON, WIS.—Nickel-Lyneis Construction Co., Fond du Lac, received contract for constructing community hall, two stories, 50 x 100 ft., at \$25,000. C. J. Anderson, Ironwood, Mich., Architect.

KENOSHA, WIS.—Board of Education proposes building three story, 150 x 206 ft., school at Division Street and Sheridan Road. Appleton Construction Company, Appleton, have received contract. \$181,587.

KEWAUNEE, WIS.—Wisconsin Shipbuilding Co., M. & M. Bank Building, Milwaukee, plans to build plant. H. B. Kamschulte, 421 M. & M. Bank Building, Milwaukee, prepared plans to cost \$400,000.

MENASHA, WIS.—G. A. Meyers & Sons Co., Oshkosh, Wis., has contract for constructing office building and garage for the Gilbert Paper Co. at \$25,000.

MILWAUKEE, WIS.—Garage to cost \$25,000 was designed by Architects Brust & Phillips, Free Press Building, for A. F. Gallum & Sons, 1000 N. Water Street.

SPRING GREEN, WIS.—W. Hutter was awarded contract for constructing cheese factory and cold storage building for the Wisconsin Cheese Products Federation at \$20,000. B. E. Mehner, 66 Main Street, Fond du Lac, Wis., Architect.



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

A Four-Year Record of Cabot's Stucco Stains

Gentlemen:

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

JAMES F. SHERRITT.

Four Years Later:

In September, 1915, an examination of the Boit residence by an expert decorator showed that the Cabot's Cement Stains had worn so well and grown so soft and beautiful with age that he advised against re-coloring the stucco when the other parts of the house were painted.

This is typical of the results obtained. These Stains tint stucco surfaces in soft, rich colorings that grow more charming under the action of the weather.

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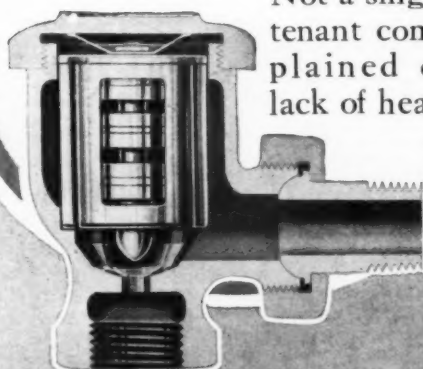
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800 Tons
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Not a single
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**NO. 8 HOFFMAN
RETURN LINE VALVE**



Chicago, August 13, 1918.

I am pleased to confirm my verbal conversation in reference to the Hoffman Return Line Valves installed in the Lessing Building last summer.

Although last winter was a most unusual and severe one, we consumed about 800 tons of coal less than the winter previous. This I attribute almost entirely to the efficiency of Hoffman Valves.

Furthermore, I did not have a single call or complaint from any of the tenants because of lack of heat during the entire winter, whereas the winter before, one man was kept busy practically all the time adjusting, cleaning and repairing valves in the 114 apartments in our building. Aside from the increased efficiency of the plant, the saving in fuel and labor more than paid for the valves the past season.

I am, therefore, very glad to give the Hoffman Return Line Valves my unqualified approval and shall be glad to have you use my name as reference.

Yours very truly,

(Signed) A. M. Halley,

Lessing Apartment Bldg.,
Broadway & Surf Street.

Chief Engineer.

HOFFMAN SPECIALTY CO.

128 N. Wells Street, CHICAGO

512 Fifth Ave., New York 215 W. 7th St., Los Angeles

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

ALABAMA

FAIRFIELD, ALA.—The Tennessee Coal & Iron Co., Brown-Marx Building, Birmingham, contemplates construction of about 300 homes for its workmen here.

MOBILE, ALA.—The Mobile Shipbuilding Co. contemplates construction of a two-story office building to cost about \$15,000.

MOBILE, ALA.—The Merchants Bank contemplates construction of a building at St. Francis and St. Joseph Streets to cost approximately \$100,000.

ARIZONA

TUCSON, ARIZ.—Edwards & Wilkey Co., 515 Black Building, Los Angeles, received contract for constructing two-story brick and concrete building for the Federal Building Co. at \$20,000. It will be 30 x 120 ft. and will be occupied by the United States Immigration offices. William Curlett & Sons, Merchants National Bank Building, Los Angeles, Architects.

ARKANSAS

FORT SMITH, ARK.—The Mo-Ark Oxygen Co. is contemplating the installation of a hydrogen plant in connection with the oxygen plant.

CALIFORNIA

BERKELEY, CAL.—Hall-Scott Motor Co., Fifth and Snyder Streets, will erect concrete machine shop to cost \$40,000. E. T. Foulkes, Crocker Building, San Francisco, Architect.

FRESNO, CAL.—Emmett Riggins was awarded contract for constructing one story brick store building for the Kutner-Goldstein Co., at about \$50,000.

GIANT, CAL.—Construction Division, War Department, Washington, D. C., let contract for building TNT plant here on land leased from Giant Powder Co., to Grant, Smith & Co., Henry Building, Seattle, Wash. \$1,438,000.

MARE ISLAND, CAL.—George Wagner, 251 Kearney Street, San Francisco, was awarded contract for constructing extension to machine shop No. 1 for Navy Department at \$279,000.

OAKLAND, CAL.—Plans have been prepared for the Union Construction Co., 604 Mission Street, San Francisco, for the construction of a plate and angle shop, outfitting wharf, compressor house, storehouse and several other reinforced concrete buildings at a cost of \$100,000.

OILDALE, CAL.—D. A. Evens, Bakersfield, has contract for constructing a school building at \$40,000.

SAN DIEGO, CAL.—Los Angeles Planing Mill Co., Los Angeles, will do the work on eight permanent buildings for the naval air school on North Island at \$58,391.

SAN DIEGO, CAL.—Harris & Stevens, San Diego, have contract by Navy Department for constructing five hospital wards at \$12,660.

SAN FRANCISCO, CAL.—National Carbon Co., Eighth and Brannan Streets, plans to build concrete factory on Kate Street. \$25,000.

VENTURA, CAL.—T. E. Hill & Co., 1126 Title Insurance Building, Los Angeles, has been awarded contract for constructing trade school, gymnasium and cottages Nos. 5 and 6 at Girls' School, at \$62,266.

COLORADO

DENVER, COL.—Wooden barracks to cost \$50,000 will be constructed at the University of Denver for accommodation of the Students' Army Training Corps.

JULLSBURG, COL.—City Council plans to build power plant. \$70,000.

CONNECTICUT

NEW LONDON, CONN.—James Miles & Son, Worcester, Mass., was awarded contract for constructing two subcharging stations for Navy Department at \$16,837.

NEW LONDON, CONN.—Westcott & Mapes, 207 Orange Street, New Haven, Conn., is contractor for constructing foundry, smith and sheet metal shop and brig. for the Navy Department, at \$97,425.

SHELTON, CONN.—S. Blumenthal Co. is receiving bids for one-story, 90 x 125 ft., addition to power plant. G. Aus, 101 Park Avenue, New York City, engineer. \$35,000.

WATERBURY, CONN.—Waterbury Buckle Co., 872 South Main Street, proposes building three-story, 50 x 110 ft., factory. G. S. Chatfield Co., 73 Canal Street, has contract. \$35,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Turner Concrete Steel Co. received contract for constructing one story concrete and steel freight station for the Pennsylvania Railway Co., at \$60,000.

WASHINGTON, D. C.—The American Phosphorus Co. awarded contract by War Department for the construction of a \$500,000 phosphorus plant near Fairmont, W. Va.

WASHINGTON, D. C.—Hyde & Baxter, 711 Thirteenth Street, was awarded contract for constructing extension to boiler plant for Bureau of Yards and Docks, Navy Department, at \$158,900.

WASHINGTON, D. C.—Construction Division, War Department, Washington, let contract for converting building at Eighteenth and B Streets into hospital to G. A. Fuller Construction Co., Munsey Building.

WASHINGTON, D. C.—Fred S. French Co., New York City, received contract for constructing fourteen apartment houses for the Navy Yard Housing Department.

WASHINGTON, D. C.—Turner Construction Co., this city, was awarded contract for constructing hospital for Navy Department at \$400,000.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, contemplates construction of marine hospitals at Baltimore, Savannah and New Orleans. Estimated cost for each city is between \$200,000 and \$250,000.

GEORGIA

FORT OGLETHORPE, GA.—Park-Grimes Construction Co., Chattanooga, Tenn., has contract from the War Department for the construction of six additional hospital buildings at General Hospital No. 14, Camp Greenleaf. \$122,984.

ILLINOIS

CHICAGO, ILL.—Logan-Armour Co., Union Stock Yards, Chicago, had plans prepared by R. C. Clark, Architect, care owner, for four-story cold storage warehouse.

GENESEO, ILL.—Architect Robert Seyfarth, 134 S. La Salle Street, Chicago, has plans for a \$30,000 church for First Methodist Church, Geneseo.

GREAT LAKES, ILL.—Henry E. Fox Construction Co., 813 East 125th Street, New York, N. Y., has contract for alterations to administration building, at \$32,660.

GREAT LAKES, ILL.—Paschen Bros., 111 W. Washington Street, Chicago, will construct athletic field house at naval training station at \$71,400.

GREAT LAKES, ILL.—Cadenhead & Co., 30 N. LaSalle Street, Chicago, has been awarded contract for constructing alterations to administration building at \$19,650.

IOWA

CONROY, IOWA.—J. J. Donahue, Williamsburg, Iowa, received contract for constructing store for S. S. Bishop, one story and basement, at \$10,000.

DAVENPORT, IOWA.—Central Engineering Co., this city, received contract for constructing 374 houses, accommodating 300 families, public utilities and town planning, for the Housing Division, Department of Labor.

DAVENPORT, IOWA.—The Gordon-Van Tine Co. has been awarded contract by Wisconsin Steel Co. for constructing a town near Benham, Ky. The project will consist of 30 one story four and five room miners' homes and sixty two story double houses, each apartment containing four rooms. \$300,000.



Cover Your Plant with a 20-Year Guaranty Roof—

Of course your plant and its contents are insured.

But did you know that you could have your *roof* insured against maintenance expense for twenty years *without paying a single premium?*

This is how it is done:

On all Barrett Roofs of fifty squares or more, in cities of 25,000 or more, in the United States and Canada, we offer a 20-Year Surety Bond issued by the U. S. Fidelity & Guaranty Company of Baltimore, provided the job is done by a roofing contractor satisfactory to us and constructed under our supervision.

This bond exempts building owners from all repair and maintenance expense to the roof for a period of twenty years.

We know, through long experience, that a roof constructed strictly according to

Barrett 20-Year Specification Roof on plant of E. R. Durkee & Co., Elmhurst, N. Y. Architect: Russell G. Cory, New York City. General Contractors: Industrial Engineering Co., New York City. Roofing Contractors: New York Roofing Co., New York City.

The Barrett Specification will, in most cases, last *nearer thirty years*.

The principal architects, engineers, and roofing contractors throughout the country are familiar with the plan and are cooperating with us.

If you will consult them about your roofing needs we are sure they will recommend a Barrett Specification Roof, because today it is the standard covering for permanent structures of all kinds.

If you wish any further information regarding this Guaranty, a line to our nearest office will bring it.

A copy of The Barrett 20-Year Specification, with roofing diagrams, sent free on request

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Cincinnati	Pittsburgh	Detroit	Birmingham	Kansas City	Minneapolis
Nashville	Salt Lake City	Seattle	Peoria	Atlanta	Duluth
Bangor	Washington	Johnstown	Lebanon	Youngstown	Toledo
Columbus	Richmond	Lafayette	Bethlehem	Elizabeth	Buffalo
THE BARRETT COMPANY, Limited:			Montreal	Toronto	
Winnipeg	Vancouver	St. John, N. B.	Halifax, N. S.	Sydney, N. S.	

MAQUOKETA, IOWA.—Citizens voted a bond issue of \$65,000 for construction and furnishing of municipal light and power plant. D. T. Bauman, City Clerk.

SIoux CITY, IOWA.—The Midland Packing Co. contemplates construction of a new \$1,000,000 plant at the stock yards here and work will be rushed as much as possible.

WATERLOO, IOWA.—Illinois Central R. R. Co., 135 East Eleventh Place, Chicago, Ill., had plans prepared by F. R. Judd, engineer, care of owner, building one-story, 58 x 74 ft., ice house to cost \$25,000. A. D. Baldwin, chief engineer.

KANSAS

ATCHISON, KAN.—T. H. Jones, Atchison, Kan., was awarded contract for constructing the Dell Memorial Hospital at the State Orphans' Home at \$17,000.

FRANKFORT, KAN.—Ross & Peterson, Architects, Kansas City, are preparing plans for the construction of a three-story building for Savoy Hotel Co. to cost about \$50,000.

WICHITA, KANS.—The Wichita Construction Co. was awarded contract for constructing the South Haven School for \$50,000. The building will be of brick construction, two stories and basement, 73 x 93 ft.

WICHITA, KAN.—A new building is to be constructed to take the place of the Washington School, at Pennsylvania Avenue and Third Street, on a tract 600 x 300 ft. Cost, \$80,000.

KENTUCKY

CAMPBELLVILLE, KY.—King & Denny was awarded contract for constructing foundations for high school building for Board of Education.

LOUISVILLE, KY.—Hospital costing \$300,000, four stories and basement, 450 x 250 ft., to go up at Barrett Avenue, has been designed by Architects Joseph & Joseph, 243 Atherton Building, for Baptist Hospital Association, care Architects. Face, brick; Bedford stone trim; fireproof construction.

STITHTON, KY.—It is contemplated to erect a hospital (2500 beds) to cost \$2,491,600. Advisory Architect, F. B. Wheaton; advisory engineer, F. M. Gunby; owner, United States Government, Gen. R. C. Marshall, Jr., Construction Division, U. S. N. A. All of Seventh and B Streets, S. W., Washington, D. C.

LOUISIANA

BOSSIER, LA.—Bossier Parish contemplates construction of a courthouse and jail here to cost \$66,000.

NEW ORLEANS, LA.—City Council, W. J. Hardee, City Engineer, contemplates construction of a large reduction plant to cost \$1,100,000.

NEW ORLEANS, LA.—First Baptist Church, W. A. Jordan, chairman, 4138 Cleveland Street, will erect addition to building. Cost, \$50,000.

NEW ORLEANS, LA.—John Riess, Hoercum Building, received contract from Bureau of Yards and Docks, Navy Department, for construction of shell house, at \$40,000.

MAINE

BAR HARBOR, ME.—E. K. Whitaker was awarded contract by Navy Department for construction of housing facilities at \$78,252.

MARYLAND

ABERDEEN, MD.—Sutton & Corson, Ocean City, N. J., received contract from Housing Division, Department of Labor, for constructing seventy houses, utilities and town planning.

BALTIMORE, MD.—The Maryland Creamery Co. contemplates construction of a three-story addition to creamery, brick and mill construction, to cost \$50,000.

BALTIMORE, MD.—Morrow Bros. were awarded contract for constructing additions to the plant of the Bartlett-Hayward Co. A toolhouse 100 x 105 ft. will be constructed at \$24,500 and a one-story shell-loading house, 100 x 140 ft., at \$40,000.

CAMP HOLABIRD, MD.—Price Construction Co., Maryland Trust Building, Baltimore, has contract for constructing auditorium for Camp Welfare League. Building to be one story, 250 x 500 ft., \$30,000.

CLEAR SPRINGS, MD.—Construction Division, War Department, Washington, D. C., plans to build and equip various one-story buildings on proving ground. \$75,000.

INDIAN HEAD, MD.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to improve powder factory, railroad, etc. Specification 3547. \$45,000.

INDIAN HEAD, MD.—United States Housing Corporation, Washington, D. C., let contract for building 100 houses, three dormitories and one school, also utilities, etc., at Project 496, to W. B. Porch, Sheen Building, Atlantic City, N. J.

INDIAN HEAD, MD.—Wesley B. Perch, Atlantic City, N. J., was awarded contract for constructing 100 houses, three dormitories and one school building.

INDIAN HEAD, MD.—DeKimmer Construction Co., Union Hill, N. J., has contract from Navy Department for constructing bachelor officers' quarters at \$56,700.

MASSACHUSETTS

CHELSEA, MASS.—C. S. Cunningham & Sons Construction Co., 7 Water Street, Boston, Mass. was awarded contract by Navy Department for constructing emergency hospital building at \$260,582.

HINGHAM, MASS.—Kennedy & Peterson Construction Co., 7 Water Street, Boston, will construct dispensary for Navy Department here at \$257,885.

LEE, MASS.—Smith Paper Co. let contract for building three-story, 90 x 100 ft., brick paper mill, concrete foundation, to Lynch Brick Constr. Co., Holyoke. \$60,000.

MICHIGAN

BAY CITY, MICH.—The Austin Co., Cleveland, O., has contract for constructing a building 110 x 100 ft. for the Bay City Foundry Co.

DETROIT, MICH.—W. E. Wood Co., 1805 Ford Building, Detroit, was awarded contract for additional cantonment construction work at Camp Custer, at \$4,500,000.

DETROIT, MICH.—H. P. Friedstedt Co., 327 La Salle Street, Chicago, will construct attendants' quarters at the United States Marine Hospital, at \$30,346.

ECORSE, MICH.—Great Lakes Engineering Works will build one-story, 50 x 166 ft., steel and mill construction, blacksmith shop and office, concrete foundation, reinforced concrete floor. Smith, Hinchman & Grylls, 710 Washington Arcade, Detroit, Architects.

MINNESOTA

ANOKA, MINN.—J. L. Robinson Co., 511 S. Seventh Street, Minneapolis, has contract for constructing creamery building for the Minnesota Dry Milk Co., one story and basement, 36 x 120 ft., at \$30,000.

DULUTH, MINN.—McDougal-Duluth Co., Fifteenth Avenue, W., and R. R., plans to build an addition to its shipbuilding plant costing \$750,000.

FRENCH RIVER, MINN.—Emil Tauff, West Duluth, Minn., was awarded contract for constructing fish hatchery for Game and Fish Department, State of Minnesota, at \$11,000.

JANESVILLE, MINN.—A. Summers & Sons have contract for constructing filling station for the Standard Oil Co., at \$5,000.

ST. PAUL, MINN.—George J. Grant Construction Co., 902 New York Life Building, St. Paul, was awarded contract for constructing additions and remodeling Illinois Steel Warehouse at the Midway School, at a cost of \$1,300,000.

MISSOURI

KANSAS CITY, Mo.—Church to cost \$100,000 was designed by Architects Smith, Rea & Lovitt, 602 Finance Building, for Linwood Boulevard M. E. Church, care of J. H. Foresman, chairman, R. A. Long Building. General contractor, J. E. Taylor, 711 Ridge Arcade.

KANSAS CITY, Mo.—Gould & St. John, 1520 Walnut Street, was awarded contract for remodeling building at Thirty-ninth and Main Streets into armory for the Jackson County Council of Defense, for National Guard of Missouri, at \$15,000.

KENNETT, Mo.—Gideon-Anderson Lumber Co. plans to build 12-ton ice plant, bottling works and electric light plant. O. B. Gwyn, superintendent.

ST. LOUIS, Mo.—The Austin Co., Cleveland, has contract for constructing two shell factories in connection with the Laclede gas plant at \$3,830,000.

ST. LOUIS, Mo.—Christopher & Simpson Iron Works Co., Eighth Street and Park Avenue, contemplates building one-story, 75 x 500 ft., concrete and steel iron plant at Big Bend Road and Missouri Pacific Railroad. W. S. Simpson, president. Cost, \$200,000.

SWEET SPRINGS, Mo.—Farmers' Grain Elevator & Grain Co. plans to rebuild grain elevator and warehouse recently destroyed by fire with loss of \$75,000.

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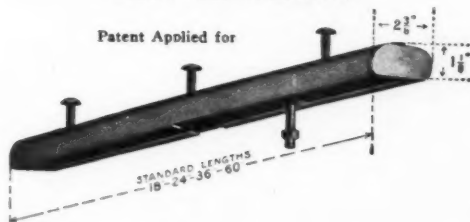
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WAREHOUSES AND REPRESENTATIVES IN PRINCIPAL CITIES

NEBRASKA

ALLIANCE, NEB.—Several small potash plans will be constructed by a company being organized here, with a capital of \$500,000. Lloyd C. Thomas, member.

CLARKSON, NEB.—City is having plans prepared by Henningson Eng. Co., engineers, 1122 Farnam Street, Omaha, for power plant to cost \$26,000.

LINCOLN, NEB.—Philip Kunz, 3307 S. Twentieth Street, Omaha, was awarded contract for constructing church building for the Cross Lutheran Church at \$16,000.

PERU, NEB.—Birchard Construction Co., Lincoln, Neb., received contract for constructing grain elevator for Earl Fisher of Peru.

NEW HAMPSHIRE

PORTSMOUTH, N. H.—Charles E. Currie Co., 10 High Street, Boston, was awarded contract for constructing emergency hospital buildings for Navy Department, at \$70,345.

NEW JERSEY

BELLEVILLE, N. J.—Strombach & Mertens, Architects, 1091 Clinton Avenue, Irvington, N. J., are preparing plans for the Board of Freeholders of Essex County for construct a hospital building to cost \$50,000.

CAPE MAY, N. J.—The Government proposes construction of magazine buildings at the naval air station here. Specification 8205.

CAPE MAY, N. J.—Cramp & Co., Philadelphia, were awarded contract by Navy Department for construction of section base, power house, at \$37,321.

HOBOKEN, N. J.—John K. Turton Corp., 101 Park Avenue, New York City, will construct steam engineering school for Navy Department at \$234,746.

JERSEY CITY, N. J.—Continental Can Co., 111 West Washington Street, Chicago, plans to build three and four-story brick and concrete plant between Fifteenth and Sixteenth Streets costing \$500,000.

LAKE DENMARK, N. J.—Faillace Bros. 56 W. Boston Post Road, Mamaroneck, N. Y., will construct extension to marine barracks for Navy Department at this point at \$50,548.

MORGAN STATION, N. J.—The Government will recult at once the TNT plant at this place, which was recently destroyed by a series of explosions.

NEWARK, N. J.—Frederick Kilgus, this city, was awarded contract for constructing a large building in connection with the plant of the Oxweld Acetylene Co. at 640 Frelinghuysen Avenue at about \$50,000. Building will be three stories high, 42 x 100 ft. Hollingsworth & Bragdon, 9 East Fortieth Street, New York City, Architects.

NEWPORT, N. J.—Staden-Cosier Co. has had plans prepared for packing house and storage plant. \$150,000.

NEW BRUSWICK, N. J.—William H. McKiever, 1123 Broadway, New York City, was awarded contract by Navy Department for work at radio station at \$5,667.

TRENTON, N. J.—Architect Francis H. Bent, State House, will alter hospital at a cost of \$25,000. Owner, New Jersey State Hospital for Insane, care of S. T. Atchley, Trenton. General contract let to Pauly Jail Building Co., 1 Madison Avenue, New York City.

TUCKERTON, N. J.—Sherman S. Sharp, 656 Washington Street, Cape May, N. J., was awarded contract for constructing marine barracks at \$26,500.

NEW YORK

BALDWIN, N. Y.—Ordnance Division, War Department, Washington, D. C., let contract for building four one-story buildings, brick, steel and reinforced concrete, to Austin Co., 16112 Euclid Avenue, Cleveland. \$70,000.

BINGHAMTON, N. Y.—A. E. Badgley will make repairs to the United States post office building here at \$26,460.

BROOKLYN, N. Y.—American Dock Co., 17 State Street, New York City, awarded contract for building one-story, 75 x 300 ft., warehouse, at terminal, to Barney Ahlers Constr. Co., 110 West Fortieth Street, New York City. \$40,000.

BROOKLYN, N. Y.—T. Engelhardt, Architect, 905 Broadway, will build two-story, 50 x 100 ft., addition to factory on Berry and North Eleventh Streets for New York Quinine Chemical Co., 99 Eleventh Street. \$25,000.

BROOKLYN, N. Y.—White Fireproof Const. Co., Fifth Avenue, New York City, received contract for constructing building and nurses' quarters, Naval Hospital, at \$668,212.

BROOKLYN, N. Y.—Rangeley Construction Co., 405

Lexington Avenue, New York City, was awarded contract for constructing changes in building "B," hospital reservation, for the Navy Department, at \$38,640.

JAMAICA, L. I., N. Y.—The Austin Co., Cleveland, Ohio, was awarded contract for constructing a building 60 x 225 ft. for the Long Island R. R. Co. at \$40,000.

MINEOLA, L. I., N. Y.—Hospital buildings costing \$2,468,000 are contemplated by the United States Government, Gen. R. C. Marshall, Jr., Construction Division, U. S. N. A., Seventh and B Streets, S. W., Washington, D. C.

NEW YORK, N. Y.—Lustbader Construction Co., 103 Park Avenue, this city, was awarded contract for constructing extensions to locker and wash rooms at \$10,785.

NEW YORK, N. Y.—Garage and lifeboat building to cost \$90,000 was designed by Architect David M. Ach, 1 Madison Avenue, for Anton Lowry, 511 West Twenty-first Street.

NEW YORK, N. Y.—Chelsea Fireproof Warehouse Co., 436 West Twenty-sixth Street, is having plans prepared by Wortmann & Braun, Architects, 114 East Twenty-eighth Street, for five-story, 25 x 90 ft., warehouse.

NIAGARA FALLS—Republic Carbon Co. proposes building three one-story additions to plant here, 48 x 100 ft., 90 x 144 ft. and 80 x 340 ft.

ROCKAWAY, N. Y.—A. M. Hazell, Inc., 26 Cortlandt Street, New York City, was awarded contract for constructing dock, oil house and hydrocylinder house at \$18,500 for the Navy Department.

TOMPKINSVILLE, N. Y.—Alwil Construction Corp., 292 Fifth Avenue, New York City, was awarded contract for constructing office building at lighthouse station here at \$23,762.

WATERTOWN, N. Y.—Armour & Co., Union Stock Yards, Chicago, Ill., are receiving bids for three-story, 88 x 110 ft., brick refrigerating plant at 163 Academy Street. About \$35,000. R. C. Clark, 120 Broadway, New York City, engineer.

NORTH CAROLINA

CHARLOTTE, N. C.—J. A. Jones was awarded contract for constructing salad-oil plant for Swift & Co., Chicago, at about \$40,000.

NORTH DAKOTA

FARGO, N. D.—Church costing \$80,000, designed by Magney & Tusler, Architects and Engineers, Metropolitan Bank Building, Minneapolis, Minn., will be built for First Norwegian Lutheran Church, Fargo. General contract let to T. E. Powers, 412 Ninth Street, N., Fargo.

OHIO

CLEVELAND, OHIO—The Cleveland Smelting & Refining Co. will construct a two-story building, 40 x 110 ft., at 7430 Bessemer Avenue, at a cost of \$150,000.

CLEVELAND, OHIO—The Steel Products Co. contemplates constructing a one-story machine shop addition, 89 x 123 ft., at 2177 E. Sixty-fifth Street, to cost \$30,000.

SANDUSKY, OHIO—The Sandusky Gas & Electric Co. contemplates constructing an artificial gas plant to cost \$500,000.

TOLEDO, OHIO—A dormitory and machine shop will be constructed at the university camp in Air Line Junction at a cost of \$200,000.

PENNSYLVANIA

BRUNSWICK, PA.—Atlantic Refining Co., 3144 Pas-syunk Avenue, Philadelphia, plans to build oil refinery.

CHESWICK, PA.—The Duquesne Light Co. will construct a large power plant for the Government. Estimated cost between \$16,000,000 and \$18,000,000.

DARLING, PA.—The Sleighton Farm State Reformatory contemplates construction of an infirmary building to cost about \$50,000. Ludlow & Peabody, 101 Park Avenue, New York City, Architects.

EMPORIUM, PA.—Construction Division, War Department, Washington, D. C., let contract to build eight units for explosive making plant to Leonard Construction Company, 332 South Michigan Street, Chicago. \$2,000,000.

ERIE, PA.—A. P. Weschler is contemplating construction of a new theater on Tenth Street, between State and Holland Streets, to cost \$125,000.

FRANKLIN, PA.—Chicago Pneumatic Tool Co., 20 Thirteenth Street, Chicago, plans to build one-story, 50 x 150 ft., addition to plant. \$30,000.

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MT. UNION, PA.—Construction Division, War Department, Washington, D. C., awarded contract for building plant to manufacture explosives to Leonard Construction Co., 332 South Michigan Street, Chicago. \$1,000,000.

PHILADELPHIA, PA.—The Hero Mfg. Co. will construct additions to its plant, including three buildings 200 ft. wide and a temporary corrugated iron, steel frame, boiler house 30 x 30 ft. Cost, \$150,000.

PHILADELPHIA, PA.—Bids will be received soon by the Government for the construction of buildings at the Frankford Arsenal. Brick, stone and concrete construction.

PHILADELPHIA, PA.—Smith Hardican Co., 1606 Cherry Street, was awarded contract for constructing one-story iron and frame warehouse for Keystone Construction & Supply Co. at \$35,000.

PHILADELPHIA, PA.—Burno Pizzinetti, Pitman, N. J., received contract for constructing naval hospital to cost \$26,600.

PHILADELPHIA, PA.—Thomas C. Prafford, 1613 Sansom Street, was awarded contract by Navy Department for constructing clothing-issue building. \$12,850.

PHILADELPHIA, PA.—Charles C. Pace, Marion, Pa., has contract for constructing signal tower and office for the P. & R. Ry. at Luzerne and R. & R. Ry. at \$14,500. A second tower at Erie Avenue and P. & R. Ry. will also be constructed for the Philadelphia & Reading Ry. by Mr. Pace at \$14,000.

PHILADELPHIA, PA.—William Steele & Sons, 1600 Arch Street, were awarded contract for constructing two-story reinforced concrete and brick factory, 83 x 141 ft., for the American Insulation Co. at \$80,000.

POTTSTOWN, PA.—The Austin Co., Cleveland, received contract for constructing a building for the North American Motors Co. at \$24,000.

ROCHESTER, PA.—A temple to cost between \$50,000 and \$70,000 will be constructed here by the Loyal Order of Moose, Junction City Lodge, No. 331.

SHARON, PA.—The Savage Arms Corp. proposes construction of a new and modern power plant on Sharpville Street.

RHODE ISLAND

CODDINGTON POINT, R. I.—General Heating & Ventilating Co., Milwaukee, Wis., has contract for heating, cold storage and refrigerating systems for Navy Department at \$1,164,350.

SOUTH CAROLINA

GREENVILLE, S. C.—Construction Division, War Department, Washington, D. C., let contract for extension to barracks, hospital units, etc., at Camp Sevier, to Galiban Building Co., Greenville. \$2,000,000.

SOUTH DAKOTA

MADISON, S. D.—Citizens will vote on a bond issue of \$150,000 for the following improvements: \$100,000 for rebuilding and equipping the electric light plant, which was destroyed by fire some weeks ago; \$25,000 for extension of sewerage system and \$25,000 for extending water works system.

TEXAS

DALLAS, TEX.—Appropriations ranging from \$40,000 to \$50,000 for general improvements at Camp Dick have been approved. A new bakery building will also be constructed.

RANGER, TEX.—W. T. Flippen, E. R. Shane and W. A. Sudderth will erect hotel. \$75,000.

VIRGINIA

ALEXANDRIA, VA.—Fleischman Construction Co., 531 Seventh Avenue, New York City, was low bidder for constructing naval torpedo assembling station for Navy Department at this point at \$1,075,000.

CAMP STUART, VA.—Construction Division, War Department, Washington, D. C., plans to improve and extend existing buildings at Base Hospital at a cost of \$448,200. New buildings consist of additional officers' quarters, laboratories, storehouses and alterations to administration building, receiving ward, nurses' infirmary and nurses' quarters.

FORT MONROE, VA.—The War Department, Washington, D. C., has authorized an expenditure of over \$3,000,000 for the construction of additional buildings to include twenty-one classroom buildings and one-story wireless training school.

GRAHAM, VA.—The Pocahontas Manganese Corp. contemplates constructing extensions to its plant.

NORFOLK, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build barracks. Specification 3538. \$220,000.

NORFOLK, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build two radio buildings costing \$22,500. Specification 3546.

NORFOLK, VA.—Philip B. Moser, Architect, Law Building, has prepared plans for M. J. Greenwood for constructing an apartment house to cost about \$60,000.

PORTSMOUTH, VA.—Rossell Edward Mitchell, Norfolk, Va., Architect, has prepared plans for the Bureau of Industrial Housing Department of Labor, Washington, for construction of hospital, etc., to accommodate men who will construct dwellings at Deep Creek Boulevard and Old Key Road and at Lambert's Point.

RICHMOND, VA.—Ford, Bacon & Davis, engineers, 115 Broadway, New York City, are receiving bids for one-story, 180 x 600 ft., steel and brick boiler shop here, for Newport News Shipbuilding & Dry Dock Co., 4001 Washington Avenue, Newport News. \$250,000.

SEVEN PINES, VA.—Charles Butler, Architect, 56 W. Forty-fifth Street, New York City, has prepared plans for the United States Housing Corp., Washington, for a hospital building.

YORKTOWN, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build ten magazine buildings. Specification 3544. \$90,000.

YORKTOWN, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build mine filling plant. Specification 3542. \$194,800.

YORKTOWN, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build five storage buildings. Specification 3542. \$750,000.

WASHINGTON

SEATTLE, WASH.—It is estimated that the cost of connecting the city and Puget Sound Traction Light and Power Co. plans will be about \$75,000.

SEATTLE, WASH.—Engineers of the East Waterway Dock & Warehouse Co. have completed plans for the construction of a reinforced concrete power house, 42 x 42 ft. in size, one story, to be erected at the plant of Rogers-Brown Importing Co. on the East Waterway.

SEATTLE, WASH.—The H. Koppers Co., Pittsburgh, Pa., was awarded contract for constructing explosive plant at 2101 Northlake Avenue for the Government. Project will consist of several buildings, including a brick structure 30 x 35 ft., fifteen large steel tanks and certain other equipment required for the manufacture of toluol. The cost of completed plant is to be \$120,000.

SEATTLE, WASH.—Norton & Spangler Plumbing & Heating Co., 338 Henry Building, has contract for the apartments being constructed for the Skinner & Eddy Corp. on Beacon Hill. \$60,000.

SPOKANE, WASH.—General Machinery Co. contemplates construction of enlargements to its plant and installing additional equipment at a cost of about \$50,000.

TACOMA, WASH.—The Skinner & Eddy Corp. contemplates constructing a large electric smelter in this city to cost about \$750,000.

WEST VIRGINIA

WOODSDALE (P. O. WHEELING), W. VA.—The Stratford Springs Hotel Co. will construct a reinforced concrete hotel building to cost \$400,000.

WISCONSIN

BELOIT, WIS.—John Schneberg, Beloit, has the contract for constructing recreation building for the Yates Machinery Co. Building is to be three stories, concrete and brick. \$50,000.

BENTON, WIS.—Leonard Construction Co., 322 S. Michigan Avenue, Chicago, has received contract for constructing two sulphuric acid plants for the Government at \$750,000 and \$500,000 respectively.

EAU CLAIRE, WIS.—Holmes & Flynn, Architects, 8 S. Dearborn Street, Chicago, are preparing plans for the construction of a church building for the First Congregational Church, to cost approximately \$85,000.

OCONTO, WIS.—Plans have been completed for improvements to power plant of the Oconto Service Co. Mead P. Seastone, State Street, Madison, Wis., engineer.

RACINE, WIS.—Standard Foundry Co., Kewaunee Street, plans to build one-story, 80 x 160 ft., brick foundry costing \$50,000. E. B. Funston, 503 Robinson Building, Architect.



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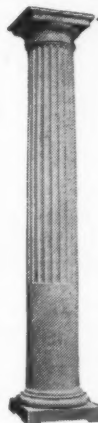
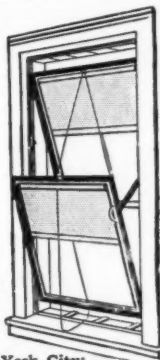
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BUILDING NEWS

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

NEW BUILDINGS AUTHORIZED BY THE WAR DEPARTMENT

Authorization to proceed with the following buildings has been given to the Construction Division of the Army:

The construction of a phosphorus plant at or near Fairmont, W. Va. The estimated cost is \$500,000.

The construction of a tetryl plant at Senter, Mich. The estimated cost is \$250,000. The foregoing amount is divided into the cost of the construction of the necessary buildings and equipment, included in which will be the boiler and power houses, facilities, packing houses, magazines, tramways and, in fact, everything to make a complete plant.

The construction of a proving ground at Elizabethport, N. J. The site selected, which is within a mile of the Singer Mfg. Co.'s plant, is a tract of land about 43 acres. The Government is not to buy the land, but it is to be leased for the period of the war and one year after. Barracks and quarters for officers and men, magazines, laboratory, storehouse and other necessary buildings will be erected, in addition to the building of roads, paths and 2400 ft. of railroad track. The estimated cost is \$110,000.

Additions to the Rock Island (Ill.) Arsenal, which consist of the addition of three stories to the warehouse and the construction of an addition to the artillery-vehicle plant. The facilities for fire protection will be increased by the installation of turbine pumps and an extensive system of water mains and hydrants. A large garage for motor trucks will also be erected. The estimated cost for this project is \$833,500.

The construction of shops, warehouses, barracks and office building for the Utilities Detachment at Camp Upton, N. Y., has been authorized. There will be five barracks for enlisted men and one for officers. The estimated cost is \$128,650.

Additions and extensions to the Frankford (Pa.) Arsenal have been begun under the direction of the Construction Division. It is estimated that these will cost \$1,000,000. The work consists of the extension of the loading room, annealing rooms, action press shop, barrack buildings, additional storehouses, stable, carpenter shop, a forging plant with equipment, a sea wall along Frankford Creek, and other work to facilitate the production program at this point.

Buildings for motor school at Camp Taylor, the estimated cost of which is \$182,233. The buildings will include quarters and barracks, administration office, classrooms and a motor school.

A Liberty theater for Camp Kearney, Cal., which will cost \$21,000.

Six two-story ward-barrack buildings will be added to General Hospital No. 14.

ALABAMA

CLANTON, ALA.—F. M. Dobson was awarded contract for constructing new courthouse building for Chilton County at \$30,424.

TROY, ALA.—Standard Chemical & Oil Co. will rebuild 180 x 400 ft. mill construction fertilizer and acid phosphate plant. \$200,000.

ARIZONA

WHIPPLE BARRACKS, ARIZ.—E. Morgan, 209 N. Kansas Street, El Paso, Tex., was awarded contract for constructing hospital here at approximately \$1,000,000.

ARKANSAS

LITTLE ROCK, ARK.—C. E. Penzel Wholesale Grocery Co., 600 East Markham Street, plans to rebuild warehouse and office damaged by fire, entailing loss of \$225,000.

CALIFORNIA

ANAHEIM, CAL.—The Anaheim Truck & Transfer Co. was awarded contract for excavating the basement for the \$35,000 packing house to be constructed by the Ana-

heim Citrus Fruit Association. The building will be 85 x 185 ft.

OAKLAND, CAL.—Boiler Makers' and Iron Shipbuilders' Union contemplates construction of a class "A" four-story building on Franklin Street, near Fourteenth, at a cost of \$300,000.

OAKLAND, CAL.—American Manganese Steel Co. plans to build plant for making steel castings on Oakland waterfront, costing \$500,000. J. W. Plant, 433 California Street, San Francisco, interested.

SAN JOSE, CAL.—Figprune Cereal Co. soon lets contract for building one story, reinforced concrete factory on Fourth and Lewis Streets. \$60,000.

SANTA BARBARA, CAL.—Edwards & Wildey Co., Black Building, Los Angeles, Cal., was awarded contract for constructing nurses' home at the county hospital to cost \$15,046.

WEIMAR, CAL.—Mathews Construction Co. has contract for constructing tuberculosis hospital at or near here at a cost of \$122,922.

COLORADO

GOLDEN, COL.—Board of Trustees of Colorado School of Mines proposes the construction of a mess hall.

CONNECTICUT

BRIDGEPORT, CONN.—Holy Trinity Church is having plans prepared by R. A. Schuman, Architect, 932 Lambertson Street, Trenton, N. J., for one story, 50 x 150 ft., brick and steel church, at 5058 Bostwick Avenue. \$80,000.

GROTON, CONN.—H. P. Cummings Construction Co., Ware, Mass., was awarded contract for construction of sixty-four buildings at New London and sixteen buildings at Groton.

NEW BRITAIN, CONN.—Stanley Rule & Level Works, 111 Elm Street, soon receives bids for building one story, 60 x 140 ft., reinforced concrete machine shop, reinforced concrete flooring, concrete foundation. \$25,000.

NEW HAVEN, CONN.—Sperry Engineering Co., New Haven, was awarded contract for constructing hydroplane station at Fisher's Island.

NEW LONDON, CONN.—J. Niles & Son Co., 393 Main Street, Worcester, Mass., received contract from Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing two sub-charging stations at \$16,837.

THOMPSONVILLE, CONN.—Town Council contemplates construction of a school building in Thompsonville to cost \$65,000.

WATERBURY, CONN.—G. S. Chatfield Co., 73 Canal Street, has contract for constructing three-story factory building for the Waterbury Buckle Co. at \$35,000.

WATERBURY, CONN.—Tracy Bros. Co., 52 Benedict Street, got contract from United States Housing Corp., Washington, D. C., for constructing 148 two-and-a-half-story houses for war workers.

DELAWARE

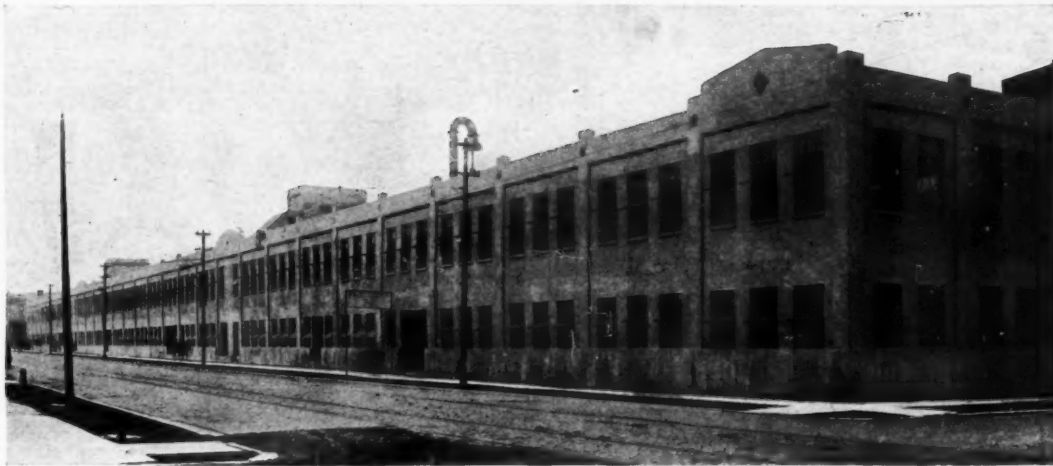
WILMINGTON, DEL.—E. I. du Pont de Nemours Co., Dupont Building, proposes building two story, 45 x 50 ft., addition to experimental plant. Realty Constr. Co., Eleventh St., was awarded the contract at \$25,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Lincoln National Bank of Washington contemplates erecting additions to bank and office building at 318 Seventh Street. Cost, \$500,000.

WASHINGTON, D. C.—Weller Construction Co., 816 Fourteenth Street, has received contract for constructing barracks at Potomac Park for the War Department at about \$400,000.

WASHINGTON, D. C.—Pennsylvania Railroad, Broad Street Station, Philadelphia, Pa., let contract for building one story, 32 x 400 ft., freight house, to Turner



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3 PANE HIGH Y Height 14' 8" Z Height 3' 2"	33 33161	43 43161	53 53161
4 PANE HIGH Y Height 16' 2" Z Height 3' 10"	34 34161	44 44161	54 54161
5 PANE HIGH Y Height 17' 3" Z Height 3' 6"	35 35161	45 45161	55 55161
6 PANE HIGH Y Height 19' 3" Z Height 4' 3"	36 36161	46 46161	56 56161
3 PANE WIDE Y Width 5' 2" Z Width 3' 0"	37 37161	47 47161	57 57161
4 PANE WIDE Y Width 4' 2" Z Width 4' 10"	38 38161	48 48161	58 58161
5 PANE WIDE Y Width 5' 2" Z Width 6' 0"	39 39161	49 49161	59 59161

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Concrete Steel Co., 1713 Sansom Street, Philadelphia, Pa. \$60,000.

WASHINGTON, D. C.—Construction Division, War Department, let contract for building dormitories, houses, etc., on Twenty-third and B Streets, to include 336 apartments and 10 houses in units, for district war workers, to Moss, Taylor & Crawford, Fifty-eighth and Girard Streets, Philadelphia, Pa. Cost will run into millions.

FLORIDA

JACKSONVILLE, FLA.—City Council contemplates construction of a detention home in Jacksonville.

PALMETTO, FLA.—The Tampa Southern Ry. contemplates construction of a passenger station to cost about \$30,000.

GEORGIA

BRUNSWICK, GA.—The War Department, Washington, D. C., will construct a number of storage warehouses on Turtle River frontage at Crispin Island in connection with the picric acid plant under construction.

BRUNSWICK, GA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of barracks here to accommodate 600 airmen at naval air station.

PORT WENTWORTH, GA.—E. Morgan, Savannah, Ga., has contract for constructing barracks, mess hall, officers' quarters for soldiers guarding shipyard for United States Shipping Board, Emergency Fleet Corp.

ILLINOIS

CHICAGO, ILL.—The Field Museum of Natural History in Grant Park, nearing completion, has been turned over to the Government for use as a hospital. The interior of the building will be rearranged so that 4300 patients can be accommodated, and a number of small buildings will be constructed around the main structure for the accommodation of 1000 nurses.

CICERO, ILL.—Ashby & Schulse, Architects, 178 West Jackson Boulevard, Chicago, will design three story, 40 x 169 ft., school for Board of Education, 5144 West Twenty-fourth Place. J. F. Slapak, president.

DUQUOIN, ILL.—A sum of \$200,000 has been given to the city by Mrs. L. F. Browning for the construction of a hospital, to be called the Marshall Browning Hospital.

FORT SHERIDAN, ILL.—Construction Division, War Department, Washington, D. C., let contract for a hospital building to Summer Sollitt Co. Structure is expected to cost about \$2,000,000.

GRANITE CITY, ILL.—Unit Construction Co., Title & Guarantee Building, St. Louis, received contract for constructing two-story reinforced concrete plant for the National Enameling & Stamping Co. at \$75,000.

GREAT LAKES, ILL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., awarded contract for dispensary building to H. Schrisk & Co., 3722 West Chicago Avenue, Chicago. \$16,741.

GREAT LAKES, ILL.—Bureau of Yards and Docks, Navy Department, Washington, D. C., proposes building three drill halls and two power houses at Naval Training Station in Great Lakes, Ill.

INDIANA

INDIANAPOLIS, IND.—A Community House will be constructed on Mars Hill by the United States Housing Corp. and work will be started as soon as possible.

INDIANAPOLIS, IND.—The War Department will receive bids shortly for the construction of new barracks at Fort Benjamin Harrison, and the cost of the new buildings is estimated at \$2,500,000.

SHELBYVILLE, IND.—Shelby County contemplates rebuilding two story infirmary at a cost of \$50,000. F. W. Fagel, auditor.

IOWA

HURON, IOWA.—Eckland, Fugard & Knapp, Architects, McKinnie Building, Moline, Ill., have plans to erect a three story, 69 x 79 ft. grade and high school for Board of Education costing \$50,000.

SIoux CITY, IOWA.—Midland Packing Co., 33 South La Salle Street, Chicago, Ill., propose building packing plant. Reiche & Sandborn, Sioux City, will have the work in charge. Cost about \$1,000,000.

WATERLOO, IOWA.—Waterloo Laundry Co., Jefferson and West Fifth Streets, let contract for building two

story, 75 x 140 ft., laundry, to Blackhawk Constr. Co., 313 Lafayette Building, at \$25,000.

KANSAS

BELOIT, KAN.—Board of Education plans election soon to vote on \$150,000 bonds to rebuild school recently destroyed by fire. B. Baker, clerk.

HUTCHINSON, KAN.—Four story hospital to cost \$110,000 was designed by Architects Barnett, Haynes & Barnett, Century Building, St. Louis, Mo. Owners, Sisters of Mercy, Ft. Scott, Kan. General contract let to Stamey & Mackey Constr. Co., Hutchinson.

LEAVENWORTH, KANS.—The War Department contemplates construction of additional barracks at Fort Leavenworth to accommodate 11,000 more men.

KENTUCKY

ASHLAND, KY.—J. H. McCleary contemplates construction of a two-story garage building, 50 x 100 ft., to cost about \$10,000.

BENHAM, KY.—Wisconsin Steel Co., 179 Sixteenth Avenue, Davenport, Iowa, let contract for building thirty one-story and sixty two-story houses at plant here to Gordon-Van Tine Co., 179 Sixteenth Avenue, Davenport, Iowa. \$300,000.

LOUISIANA

ALGIERS (STATION A, NEW ORLEANS), LA.—The Bureau of Industrial Housing, Department of Labor, Washington, D. C., will construct 150 homes for employees of the naval station.

EDGARD, LA.—St. John the Baptist Catholic Church proposes erection of building 55 x 135 ft., brick and concrete. Cost, \$60,000. Favrot & Livaudais, Architects, Title Guarantee Building, New Orleans. J. B. Granguard, chairman of committee.

HARVEY, LA.—Swift & Co. contemplate construction of an addition to fertilizer plant here to cost about \$70,000.

MAINE

BAR HARBOR, ME.—E. K. Whitaker, 122 Cottage Street, this city, has contract for constructing housing facilities for Bureau of Yards and Docks, Navy Department, Washington, at \$78,252.

MARYLAND

ABERDEEN, MD.—Sutton & Carson, Ocean City, N. J., received contract from Bureau of Industrial Housing, Department of Labor, Washington, for constructing seventy six-room detached cottages at \$3,200 each. Sill, Buckler & Fenhagen, Architects, 11 E. Pleasant Street, Baltimore, and Norton, Bird & Whitman, engineers, Munsey Building, Baltimore.

BALTIMORE, MD.—Hutzler Bros. contemplate the tearing down of building which adjoins their property at 212 N. Howard Street and will construct a modern five-story fireproof building.

BALTIMORE, MD.—Griffith & Turner, 205 N. Paca Street, contemplate construction of a two-story garage and showroom, 25 x 130 ft., to cost about \$10,000.

BALTIMORE, MD.—Westinghouse, Church, Kerr Co., 37 Wall Street, New York City, received contract for constructing three-story steel frame, brick and concrete building for the General Chemical Co., Race and Winder Streets, Baltimore, at about \$155,000.

FAIRFIELD, MD.—Union Shipbuilding Co. let contracts for building various additions to plant to H. Foulkrod Co., 1201 Chestnut St., Philadelphia, Pa.; reinforced concrete and steel. \$150,000.

HIGHLANDTOWN, MD.—West Construction Co., American Building, Baltimore, has contract from Crown Cork & Seal Co. for constructing mess hall building, 60 x 200 ft., at \$29,000. Otto G. Simonson, Architect, Maryland Casualty Tower Building, Baltimore.

INDIAN HEAD, MD.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will build laboratory. Spec. 3208. \$20,000.

INDIAN HEAD, MD.—Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of improvements to powder factory here at a cost of approximately \$45,000. Specification 3547.

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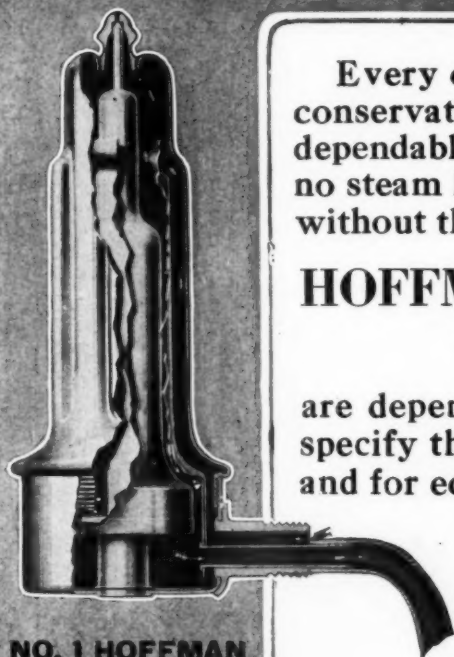


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MARKLETON, MD.—The War Department contemplates enlargement of Markleton Sanitarium and at least three new buildings will be constructed.

SALISBURY, MD.—T. H. Mitchell is considering plans for reconstruction of woodworking plant here recently destroyed by fire with loss of about \$25,000.

MASSACHUSETTS

BOSTON, MASS.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates installation of mechanical equipment and piping at Navy Yard here, to cost approximately \$200,000.

BROCKTON, MASS.—The Walkover Shoe Co. contemplates construction of a concrete power plant to cost about \$56,000. Jenks & Ballou, Grosvenor Building, Providence, R. I., engineers.

MICHIGAN

BAY CITY, MICH.—Bay City Industrial Works will erect one story, 117 x 260 ft., steel and mill construction car shop. Austin Co., 1420 Penobscot Building, Detroit, have the contract.

DETROIT, MICH.—City let contract for completing four-story hospital on Hamilton Boulevard and Blaine Avenue to Culbertson & Kelly, 809 Ford Building. \$80,000.

GRAND RAPIDS, MICH.—Grand Rapids Brass Co., 90 Scribner Avenue, N. W., is having plans prepared by Osgood & Osgood, New Herald Building, Architects, for building three-story factory.

MINNESOTA

ANAKA, MINN.—Minnesota Dry Milk Co., 400 Plymouth Building, Minneapolis, awarded contract for building one story, 46 x 120 ft. creamery, to J. L. Robinson Co., 511 South Seventh Street, Minneapolis. \$30,000.

FERGUS FALLS, MINN.—Oines Esswein Co., 101 N. Sixth Street, Minneapolis, has contract for constructing refrigerating plant for the State Board of Control, Minnesota.

MINNEAPOLIS, MINN.—Pillsbury Flour Mills Co., Metropolitan Life Building, let contract to Siems, Helmers & Schaffner, St. Paul, for building three story, reinforced concrete brick and steel power plant, rock excav., concrete foundation.

ST. PAUL, MINN.—Minneapolis Business Men, care of E. Pennington, Soo Building, plan to build coliseum at U. S. Army Air Service Mechanics' Training School. \$60,000.

ST. PAUL, MINN.—Northern Pacific Mutual Benefit Association, 203 Railroad Building, receives bids in February for three-story brick hospital, costing \$300,000. Lambert Bassindale, 321 Capital Bank Building, Architect.

ST. PAUL, MINN.—Toltz Engineering Co., 1419 Pioneer Building, this city, has prepared plans for Griggs, Cooper & Co. for the construction of a two-story reinforced concrete and brick plant, 200 x 250 ft., at University and Fairview Avenues, to cost approximately \$350,000.

MISSOURI.

KANSAS CITY, MO.—Citizens have voted on a bond issue of \$400,000 for construction of ice plant.

KANSAS, MO.—R. E. Kidder Flour Mills, State Line and Southwest Boulevard, plans to rebuild plant recently destroyed by fire. Loss about \$150,000.

KANSAS CITY, MO.—Morris & Co., Third and Pacific Streets, contemplate building three-story, 50 x 150 ft., brick office. \$75,000.

ST. JOSEPH, MO.—Vaughn Construction Co., Omaha, Neb., was awarded contract for constructing three-story and basement store building for Townsend & Ueberheim at about \$100,000. Eckel & Aldrich, Corly-Forsee Building, St. Joseph, Architects.

ST. JOSEPH, MO.—Methodist Episcopal Hospital had plans prepared by Eckel & Aldrich, Architects, Corly-Forsee Building, for building four-story, 120 x 160 ft., reinforced concrete hospital. \$300,000.

ST. LOUIS, MO.—The Francis Wyland Building Co. will construct two four story stores and tenements at 3675 Olive Street, to cost about \$122,000.

ST. LOUIS, MO.—An appropriation of \$62,000 has

been made for the construction of a hospital for negroes at Garrison & Lawton Avenues.

ST. LOUIS, MO.—Amber & Zimmerman, 1228 Pine Street, received contract for constructing two-story factory building for the Oliver Electric Mfg. Co. at \$45,000.

NEBRASKA

CLARKSON, NEB.—Henningson Engineering Co., 1122 Farnam Street, Omaha, is preparing plans for the City Council for the construction of a power plant to cost about \$25,000.

OMAHA, NEB.—J. P. Jerpe Commission Co., 1108 Howard Street, plans to build two story, 110 x 132 ft. warehouse, costing \$55,000. H. Lawrie, 627 Paxton Building, Architect.

NEW JERSEY.

FORT HANCOCK, N. J.—Amsterdam Building Co., New York, N. Y., has contract for constructing hydroplane station here for the War Department.

JERSEY CITY, N. J.—Continental Can Co., Chicago, Ill., contemplates construction of three and four story brick and concrete plant in Jersey City. Estimated cost, \$500,000.

NEWPORT, N. J.—Plans have been prepared for the Staden-Cosier Co. for construction of packing house and storage building, at an estimated cost of \$150,000.

PATERSON, N. J.—T. A. Kelly, 173 Marshall Street, is having plans prepared for two one and two story, 80 x 100 ft., brick warehouses, to be erected at 188-94 Clay Street.

PATERSON, N. J.—Empire Piece Dyeing & Finishing Co., 106-114 Madison Avenue, awarded contract for building three-story, 60 x 125 ft., brick addition to plant to A. Gleek, 65 Garfield Street. \$49,500.

VERONA, N. J.—A bond issue of \$119,000 has been approved for the construction of a tuberculosis hospital at the Essex Mt. Sanitarium, and work will be started at once.

NEW YORK

BALDWIN, N. Y.—The Austin Co., Cleveland, Ohio, was awarded contract for constructing four one-story buildings for the Ordnance Division, War Department, at \$70,000.

BROOKLYN, N. Y.—A. C. Hecht, Architect, 154 W. Randolph Street, Chicago, has prepared plans for the H. W. Cotton Co., Inc., for construction of a large reinforced concrete factory building.

BROOKLYN, N. Y.—W. Kennedy Construction Co., 215 Montgomery Street, has contract for constructing three-story, 50 x 130 ft., brick, steel and concrete factory building for the Soss Mfg. Co. \$75,000.

FIRE ISLAND, N. Y.—F. J. Richards, 160 Jamaica Avenue, Brooklyn, N. Y., will construct radio compass building for the Bureau of Yards and Docks, Navy Department.

NEW YORK, N. Y.—C. Lane, 5 Bekman Street, had plans prepared for one story, 50 x 200 ft., brick import and export station at 387-389 West Broadway.

NEW YORK, N. Y.—Trestbadon Construction Co., 103 Park Avenue, has received contract from Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing extensions to locker and wash rooms at Navy Yard at \$10,785.

NEW YORK, N. Y.—J. M. Horton Ice Cream Co., 225 East Twenty-fourth Street, has awarded contract for building two story, 50 x 90 ft., brick refrigerating plant at 116 East 131st Street, to Fountain & Choate, 110 East Twenty-third Street. About \$30,000.

NEW YORK, N. Y.—Scott & Prescott, Architects, 1 Madison Avenue, have designed a base hospital consisting of five three story units on Tremont Avenue, between Andrews and Montgomery Streets, for New York Catholic War Fund, 334 Fifth Avenue. \$250,000.

ROCHESTER, N. Y.—Crowell, Lyndoff, Little Co., Liberty Building, this city, was awarded contract by Bridgeford Machine Tool Co. to construct one and two-story reinforced concrete factory building at \$100,000.

ROCHESTER, N. Y.—W. Kenney, 86 Frost Avenue, this city, has contract for constructing one-story brick addition to the factory of the Rochester Can Co. \$40,000.



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ROCHESTER, N. Y.—Seitz & Laging, Arlington Building, Rochester, were awarded contract for constructing one-story brick planing mill for Rochester Box & Lumber Co. at \$30,000.

ROCHESTER, N. Y.—Rochester Can Co., 109 Hague Street, will erect one story, 180 x 200 ft., brick addition to factory. W. Kenney, 86 Frost Avenue, has received the contract. \$40,000.

STATEN ISLAND, N. Y.—N. W. King, 81 E. 125th Street, New York, received contract from Bureau of Yards and Docks, Navy Department, for constructing radio compass building.

WATERTOWN, N. Y.—Jefferson County National Bank let contract for building six story, 36 x 56 ft. brick and steel bank and office at 216 Washington Street, to H. T. Wright, 128 Sterling Street. \$55,000.

NORTH CAROLINA

CHARLOTTE, N. C.—J. A. Jones, Realty Building, got the contract for constructing four-story reinforced concrete and brick factory for Swift & Co. at \$75,000.

RALEIGH, N. C.—Holliday-Crouse Co., Greensboro, N. C., has contract for constructing cantonment for tank corps for the War Department.

SPENCER, N. C.—Young Men's Christian Association, B. F. Stevenson, secretary, is considering erecting dormitory adjoining present building; cost, \$40,000.

WILMINGTON, N. C.—The U. S. Shipping Board, Emergency Fleet Corporation, 140 Broad Street, Philadelphia, will construct 150 homes for workers in Wilmington shipyard.

NORTH DAKOTA

HAVELOCK, N. D.—Board of Education proposes building two-story grade school. Van Horn & Loven, Bismarck, Architects.

OHIO

ALLIANCE, OHIO.—E. B. Silver, 2526 S. Cherry Street was awarded contract for remodeling hall for the Mt. Union College at \$50,000.

ASHTABULA, OHIO.—Contagious hospital to cost \$30,000 was designed by Architect C. V. Martin, Haskell Building. Owner, City of Ashtabula. A. T. Faulkner, clerk, City Hall, Ashtabula.

BARBERTON, OHIO.—Babcock & Wilcox will build one-story, 100 x 216 ft., brick, concrete and steel machine shop. \$75,000.

CINCINNATI, OHIO.—Peters Cartridge Co., First National Bank Building, let contract for remodeling group of buildings to Ferro-Concrete Construction Co., Richmond and Harriet Streets. \$200,000.

CINCINNATI, OHIO.—The Ferro-Concrete Construction Co. has contract for constructing garage and storage building for the Western Electric Co.

CINCINNATI, OHIO.—Fairmount Grain Elevator Co., Gwynne Building, awarded contract for remodeling grain elevator and adding dry house, to Burrell Eng. & Constr. Co., Webster Building, Chicago, Ill. \$50,000.

CLEVELAND, OHIO.—Cleveland Brass & Copper Mills Co., 322 Guardian Building, let contract for one-story, 77 x 130 ft., brick, steel and reinforced concrete factory on Babbitt Road to Craig Curtiss Co., Guardian Building. \$50,000.

CLEVELAND, OHIO.—Western Reserve University, Adelbert Road, let contract to building three-story, 85 x 120 ft., reinforced concrete brick and steel armory to Crowell, Lundo & Little Co., 5217 Euclid Avenue. \$200,000.

CLEVELAND, OHIO.—Champion Forge & Machine Co., 3695 East Seventy-eighth Street, contemplates building one-story, 54 x 200 ft., steel forge shop. \$75,000.

CLEVELAND, OHIO.—Steel Products Co., 217 East Sixty-fifth Street, will build one-story, 90 x 130 ft., reinforced concrete, brick and steel machine shop. Burchard, Robert & Wales Co., 622 Swetland Building, Architect.

CLEVELAND, OHIO.—Swift & Co., 3240 West Sixty-fifth Street, propose building two-story, 50 x 122 ft., brick and reinforced concrete garage. \$50,000.

CLEVELAND, OHIO.—The Cleveland Fireproof Construction Co. was awarded contract for brick and concrete work, roofing and sheet metal work, etc., for Division of Light and Heat, at \$119,985.

CLEVELAND, OHIO.—Uhl-Jaster Co., this city, was

awarded contract for constructing addition to the Y. W. C. A. building at about \$12,000.

CLEVELAND, OHIO.—Western Reserve University, Euclid Avenue, contemplates constructing two-story, 100 x 200 ft., dormitory to cost \$150,000.

CLEVELAND, OHIO.—Reaugh & Sen, contractors, will construct storage building, 34 x 110 ft., and a factory addition, 60 x 108 ft., for Draper Mfg. Co.

DAYTON, OHIO.—Duriron Castings Co., 115 Bayard Street, awarded contract to build one story, 100 x 500 ft., reinforced concrete foundry on Findlay Street, to F. Hill Smith, Inc., 1035 Reibold Building. \$150,000.

PARMA (CLEVELAND P. O.), OHIO.—Swift & Co., 3240 West Sixty-fifth Street, Cleveland, will build two-story, 50 x 75 ft., brick, steel and reinforced concrete fertilizer factory here. \$25,000.

TOLEDO, OHIO.—Toledo Shipbuilding Co., Front Street, is having plans prepared by A. Kahn and E. Wilby, Architects, Marquette Building, Detroit, Mich., for one-story, 50 x 100 ft., addition to foundry of machine shop.

OKLAHOMA

OKLAHOMA CITY, OKLA.—Layton & Smith, Architects, 701 Majestic Building, have designed Wilson School, two stories and basement, to cost \$55,000. Owner, Board of Education, H. M. Fairey, secretary. Brick and stone trim, reinforced concrete.

OKLAHOMA CITY, OKLA.—Eugene Field School (add.) \$23,000, two stories and basement, has been planned by Layton & Smith, Architects, 701 Majestic Building. Owner, Board of Education, H. M. Fairey, secretary. Brick and stone, reinforced concrete.

OKLAHOMA CITY, OKLA.—Culbertson Heights School (add.), \$25,000, two stories and basement, has been designed by Layton & Smith, Architects, 701 Majestic Building, Oklahoma City. Owner, Board of Education, H. M. Fairey, secretary. Brick and stone trim, reinforced concrete.

TULSA, OKLA.—O. K. Eysenbach, 202 Calumet Building, contemplates erection of store and hotel building, three stories, 150 x 140 ft.; reinforced concrete and brick; cost, \$80,000. Fleming & Fahry, Architects, Alexander Building, Tulsa.

PENNSYLVANIA

BUTLER, PA.—U. S. Housing Corporation, 613 G Street, N. W., Washington, D. C., soon lets contract for building fifty-four two story houses, grading, roadwork, etc., here. \$500,000. E. B. Lee, Chamber of Commerce Building, Pittsburgh, Architect.

CHESWICK, PA.—Duquesne Light Co., Chamber of Commerce Building, plans to build power house, costing \$15,000,000. Ford, Bowen & Davis, Chamber of Commerce Building, have prepared plans.

LEETSDALE, PA.—Riter-Conley Co., 1200 Oliver Building, Pittsburgh, awarded contract to build one-story rivet and bolt shop and office to Hughes-Foulkrod Co., Oliver Building, Pittsburgh. \$200,000.

MONESSEN, PA.—Valley Supply Co. will erect a one story, 44 x 102 ft., warehouse, at a cost of \$30,000. J. A. Lohman & Sons, Architects.

PHILADELPHIA, PA.—William Cramp & Sons Ship & Engine Building Co., Beach and Palmer Streets, plan to build two story, 306 x 400 ft., engine house. \$100,000.

PHILADELPHIA (TACONY), PA.—Tacony Ordnance Co. awarded contract for building one-story, 72 x 128 ft., machine shop to F. W. Mark Construction Co., 1426 South Penn Square. \$25,000.

PHILADELPHIA, PA.—Pennsylvania R. R., Broad Street Station, let contract to build one-story warehouse to W. Steele & Sons, 46 North Sixteenth Street. \$25,000.

PHILADELPHIA, PA.—American Insulation Co., 67 North Second Street, awarded contract for two-story, 83 x 141 ft., brick and concrete factory on Roberts Avenue, near Stokley Street, to W. Steele & Sons Co., 30 South Fifteenth Street. \$50,000.

PHILADELPHIA, PA.—McFarland-Meade Co., Forty-sixth Street and Woodland Avenue, had plans prepared for building one-story, 120 x 140 ft., addition to plant at Seventy-first Street and Kingsessing Avenue. \$35,000.

PHILADELPHIA, PA.—Pennsylvania R. R. acquired 100-acre site on Terminal Avenue, near League Island, and plans to build railroad yards. A. C. Shand, Broad Street Station, chief engineer.



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PITTSBURGH, PA.—Pittsburgh Coal Co., Oliver Building, Pittsburgh, let contract for building machine shop, warehouse and office building to Hughes-Foulkrod Co., Oliver Building, Pittsburgh. \$50,000.

PITTSBURGH, PA.—Zantzinger, Borie & Medary, Architects, 112 S. Sixteenth Street, Philadelphia, are preparing plans for the Government for construction of homes for workmen on Neville's Island, near here. About 15,000 separate dwellings are to be constructed for a population of 50,000. This work is in connection with the Government ordnance plant to be constructed at a cost of about \$50,000,000.

PLATTSFORD, PA.—Construction Division, War Department, Washington, D. C., contemplates construction of a gas plant near here to cost about \$2,000,000.

THROOP, PA.—Price-Pancoast Coal Co., Board of Trade Building, Scranton, awarded contract for building one-story, 80 x 100 ft., electric plant here to S. Palumbo, Real Estate Exchange Building, Scranton. \$75,000.

YORK, PA.—York Safe & Lock Co., Loucks Mill Road and Pennsylvania R. R., will build two-story, 60 x 200 ft., foundry and one-story, 90 x 200 ft., pattern shop to cost \$90,000.

SOUTH CAROLINA

CHARLESTON, S. C.—Central Labor Union contemplates erecting labor temple; cost, \$30,000 to \$50,000.

ROCK HILL, S. C.—Edwards & Sayward, Architects, Candler Building, Atlanta, Ga., have designed a three story dormitory, etc., for Winthrop College, to cost \$100,000. D. B. Johnson, president.

TENNESSEE

CHATTANOOGA, TENN.—Columbian Iron Works plan to rebuild shell plant here recently destroyed by fire with a loss of \$100,000.

TEXAS

AUSTIN, TEX.—University of Texas took over Theological Seminary and will expend about \$100,000 to convert into military hospital.

VIRGINIA

CAMP LEE, VA.—The War Department, Washington, D. C., contemplates expenditure of \$500,000 for enlargement of base hospital, including seven barracks for enlisted men, building for nurses' quarters, etc.

HAMPTON ROADS, VA.—The Bureau of Industrial Housing, 613 G Street, N. W., Washington, D. C., will construct five to six hundred homes at Glenwood Park to accommodate Government employees.

NORFOLK, VA.—D. E. Washburn, Architect, has prepared plans for the Banks Bros. Packing Co. for reconstruction of meat packing plant recently burned. Estimated cost, \$200,000.

RICHMOND, VA.—Retreat for Sick, 319 North Twelfth Street, plans to build four story, 80 x 130 ft. hospital. Carneal & Johnson, Architects, Chamber of Commerce Building. \$150,000.

YORKTOWN, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., proposes building five storage buildings in Yorktown, Va. Spec. 3543. \$750,000.

WASHINGTON

TACOMA, WASH.—The School Board contemplates building improvements to cost approximately \$81,500 for the coming year.

TACOMA, WASH.—The City Council contemplates increasing the hydroelectric plant at La Grande by developing a storage basin on Nisqually River. The project will cost \$500,000.

VANCOUVER, WASH.—Citizens voted a bond issue of \$35,000 which will be used for the construction of a new high school building.

WEST VIRGINIA

MOUNT HOPE, W. VA.—The New River Co. contemplates construction of warehouse and machine shops to cost about \$75,000.

SUTTON, W. VA.—The Sutton Chemical Co. will construct a retort house, one story, 53 x 157 ft., and one story, 48 x 145 ft., to cost about \$700,000.

WISCONSIN

EAU CLAIRE, WIS.—Holmes & Flynn, Architects, 8 S. Dearborn Street, Chicago, are preparing plans for building to be constructed for the First Congregational Church, 116 x 126 ft., to cost \$85,000.

JANESVILLE, WIS.—General Motors Co. plans to build plant here for manufacture of farm tractors and machinery costing \$1,000,000. J. A. Craig, Janesville, general manager.

MANITOWOC, WIS.—The Manitowoc Foundry & Machine Co., George Smith, manager, will construct addition to its foundry at Franklin and Sixteenth Streets.

MILWAUKEE, WIS.—Universal Cement Mold Co., 707 Merrill Building, plans to build one-story factory. \$25,000.

MILWAUKEE, WIS.—The new barracks for the motor training school for enlisted men will cost \$100,000. The Association of Commerce is standing behind the Government in the matter of housing the motor squad.

POLLEY, WIS.—Sam Snyder, Chippewa Falls, Wis., Architect, is preparing plans for construction of an auditorium for the town of Ford, E. W. Polley, town clerk. Building to be 40 x 100 ft., one story and basement. Cost, \$10,000.

STEVENS POINT, WIS.—The Board of Education contemplates construction of an addition to high school building to cost about \$75,000. R. A. Messmer & Bros., Architects, 1004 Majestic Building, Milwaukee.



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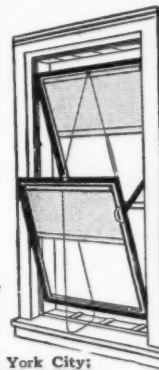
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BUILDING NEWS

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ARKANSAS.

LITTLE ROCK, ARK.—National War Work Council, Y. W. C. A. let contract for building two story, 80 x 175 ft. hostess house and barracks to F. W. Jones, Memphis, Tenn. \$80,000.

TEXARKANA, ARK.—The Board of Education will construct a school building.

CALIFORNIA

CLYDE, CAL.—Pacific Coast Shipbuilding Co., Bay Point, are having plans prepared by A. P. Markwart, Architect, First National Bank Building, San Francisco, for employees' building. About \$100,000. Address, A. G. Applegarth, Spreckles Building, San Francisco.

LOS ANGELES, CAL.—State Railroad Commission had plans prepared by R. Sachse, chief engineer, San Francisco, for building passenger station at site of Atchison, Topeka & Santa Fé Ry. \$128,000.

SAN DIEGO, CAL.—H. Clarke Co., Los Angeles, Cal., received contract for constructing reinforced concrete railway shop, 157 x 179 ft., and roundhouse, for the San Diego & Arizona Ry., at about \$100,000.

STOCKTON, CAL.—City Council contemplates construction of wharf sheds, to be of steel frame and corrugated construction.

CONNECTICUT

HARTFORD, CONN.—Meech Grain Co., 340 Main Street, let contract to build one-story, 80 x 100 ft., grain warehouse, masonry, to Dennis O'Brien & Son, 15 McDonough Place, Middletown. \$25,000.

HARTFORD, CONN.—Standard Oil Co., 26 Broadway, New York City, let contract for several one and two story brick and concrete buildings, to include warehouse, stable, garage, pump house, boiler house, gate house and office building, to H. D. Best Co., Flatiron Building, New York City. \$100,000.

NEW LONDON, CONN.—Oscawana Building Co., 101 Park Avenue, New York, N. Y., will probably do the work of constructing barrack building for 650 men and boiler house at \$172,700.

DELAWARE

WILMINGTON, DEL.—Du Pont Co., Du Pont Building, had plans prepared for forty-four houses for employees to cost \$485,805. C. K. Weston, publicity agent.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Construction Division, War Department, Washington, D. C., plans to build emergency hospital. \$1,000,000.

WASHINGTON, D. C.—George F. Pawling & Co., 1432 S. Penn Square, Philadelphia, Pa., will construct seven ordnance storehouses and one central heating plant at Bellevue Magazine. \$433,210.

WASHINGTON, D. C.—Moss, Taylor & Crawford, 701 N. Sixty-third Street, Philadelphia, Pa., will construct dormitories and administration buildings for the United States Housing Corp. at about \$2,500,000.

WASHINGTON, D. C.—Hyde & Baxter, 119 Carroll Avenue, Takoma Park, Washington, D. C., were awarded contract for boiler plant extensions for Bureau of Yards and Docks, Navy Department, at \$158,900.

WASHINGTON, D. C.—Henry B. Davis, 813 Fourteenth Street, was awarded contract by Y. W. C. A. for constructing one-story building at 614 E Street at \$29,000.

FLORIDA

SANTA ROSA, FLA.—James Alexander Construction Co., 388 N. Front Street, Memphis, Tenn., will construct latrine and three barrack buildings at Santa Rosa Island and mess Hall at Pensacola at \$60,949.

ILLINOIS

CHICAGO, ILL.—Chicago Transfer & Clearing Co., 56 West Sixty-third Street, had preliminary plans prepared by S. N. Crowen, Architect, 30 North La Salle Street, for building one-story, 100 x 100 ft., core shop to cost \$25,000.

CHICAGO, ILL.—Baltimore & Ohio Chicago Terminal R. R., Grand Central Station, let contract for building eight-stall, 32 x 400 ft., roundhouse, reinforced concrete, steel and brick, on Burley Avenue and East Eighty-seventh Street, to Drumm Construction Co., 343 South Dearborn Street. \$75,000.

GREAT LAKES, ILL.—Manson Bros., 127 N. Dearborn Street, Chicago, Ill., will construct dispensary at the naval station at \$131,666.

GREAT LAKES, ILL.—Paschen Bros., 111 W. Washington Street, Chicago, Ill., have contract for constructing three drill halls and two power houses at the naval training station at \$364,000.

WAUKEGAN, ILL.—Chicago & Northwestern Railroad, Jackson Boulevard and Franklin Street, Chicago, plans to build one story depot, 30 x 174 ft., timber and stucco, here, costing \$55,000. W. H. Finley, Chicago, chief engineer.

INDIANA

MISHAWAKA, IND.—National Veneer Products Co., South Beiger Street, let contract for building 67 x 120 ft. addition to plant to H. G. Christman & Co. \$25,000.

KENTUCKY

CONCORD, KY.—Roberts & Schaefer Co., McCormick Building, Chicago, has contract from C. & O. Ry. for constructing automatic 300-ton capacity reinforced concrete locomotive coaling plant.

LOUISVILLE, KY.—Rommel Bros., 919 E. Broadway, Louisville, received contract to remodel tobacco factory and constructing addition to boiler house. Tuck & Co., owners. \$28,000.

LOUISVILLE, KY.—Baptist Hospital Association is having preliminary plans prepared by Joseph & Joseph, Architects, 243 Atherton Building, for a four-story, 250 x 450 ft., brick hospital. \$300,000.

LOUISIANA

ALEXANDRIA, LA.—First National Bank has plans by Emil Weil, Whitney-Central Building, New Orleans, for bank and office building, 60 x 100 ft., brick and reinforced concrete. Cost, \$350,000.

NEW ORLEANS, LA.—City had plans prepared by E. A. Christy, Architect, for building six-story school, 150 x 400 ft., on City Park Avenue. Address, A. G. Ricks, commissioner of public finances.

MARYLAND

BALTIMORE, MD.—Morrow Bros., Fidelity Building, were awarded contract for constructing additional story to locker room building on Wicomico Street at \$15,000.

COLLEGE PARK, MD.—P. F. Gormley, Union Trust Building, Baltimore, received contract for constructing a barracks here for the Maryland State College.

MONKTON, MD.—E. H. Mosher, Munsey Building, Baltimore, has contract for building roller mills plant for the Monkton Roller Co., all reinforced concrete work, at approximately \$134,000.

MASSACHUSETTS

SPRINGFIELD, MASS.—Standard Oil Co., 26 Broadway, New York City, let contract for building two-story, 45 x 100 ft., warehouse and garage, and one-story, 62 x 125 ft., garage and shop, reinforced concrete and brick, on Albany Street, to H. D. Best Co., Flatiron Building, New York City. Cost to be about \$45,000 and \$40,000 respectively.

WEST DUDLEY, MASS.—Burmus Paper Co. let contract for building one-story, 30 x 52 ft., concrete and brick hydroelectric power plant, with concrete dam 150 ft. long on one side and 250 ft. earth dike on other, to T. F. McGovern, Southbridge. \$55,000.

WORCESTER, MASS.—Graton & Knight Mfg. Co., 356 Franklin Street, let contract for building one story, 65 x 175 ft., brick factory addition and four story, 65 x 95 ft., brick and reinforced concrete storage plant, Suffolk Street, to Keefe Bros., 104 Woodland Avenue. Cost, \$35,000 and \$60,000, respectively.

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BUREAU OF CONSERVATION

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July 5, 1918.

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The Fuel Administration realizes that bare piping is one of the most easily preventable causes of these losses and that adequate insulating covering for them is essential to the conservation of our all too scant fuel production. We are asking that all consumers, both domestic and industrial, provide sufficient insulation for exposed hot surfaces and we feel that it is the duty of every one to see that this request is carried out to the fullest possible extent.

The most effective means of cooperation by your Associations is for them to bring this message home to the coal consumers of the country. That will be a real and important service toward the winning of this war.

Very truly yours,

UNITED STATES FUEL ADMINISTRATION

M. B. Myers
Director of Conservation.

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J. R. Swift, The Franklin Mfg. Co., Franklin, Pa.
R. V. Mattison, Jr., Kearsbey & Mattison Co., Ambler, Pa.

MICHIGAN

DETROIT, MICH.—M. Burheiser, 660 Ellery Place, this city, was awarded contract for constructing mill, one story, 105 x 269 ft., reinforced concrete, brick and steel construction, by Chalkis Mfg. Co. at \$153,000.

DETROIT, MICH.—Detroit Copper & Brass Rolling Mills, Clark Avenue, is having plans prepared for addition to its plant. \$350,000.

DETROIT, MICH.—Packard Motor Car Co., Boulevard and Belt Line, plans to build three-story, 227 x 323 ft., erecting plant and one-story, 152 x 200 ft., enameling plant, to cost \$700,000 and \$75,000 respectively.

DETROIT, MICH.—Chalkis Mfg. Co., 660 Mack Avenue, let contract for building one-story, 105 x 269 ft., brick, steel and reinforced concrete mill construction munition factory to M. Burkheiser, 660 Ellery Place, to be erected at a cost of \$153,029.

DETROIT, MICH.—Board of Education received bids for building 50 x 100 ft. brick and steel power plant, reinforced concrete flooring, concrete foundation, on Henry Street, between Second and Third Streets, from Worswick Bros., 410 Hodges Building, general contractors, at \$61,593.

DETROIT, MICH.—Michigan Smelting & Refining Co., 1685 Joseph Campau Avenue, let contract for building two-story, 110 x 140 ft., reinforced concrete die factory to W. E. Wood Co., 1805 Ford Building. \$70,000.

VERNON, MICH.—Plymouth Mining Co. let contract for building two-story, 100 x 120 ft., brick and steel roundhouse and machine shop, for its railroad system here, to Worden-Allen Co., Pt. Washington Road, Milwaukee, Wis. \$150,000.

MINNESOTA

BRAINERD, MINN.—North Pacific R. R., Railroad Building, St. Paul, had plans prepared by O. M. Rognan, Architect, Railroad Building, St. Paul, for two-story, 40 x 160 ft., concrete and brick depot. \$50,000.

DULUTH, MINN.—Board of Education is having plans prepared by Croft & Boerner, Architects, Lonsdale Building, for one-story school to cost \$80,000.

MANKATO, MINN.—Board of Education is having plans prepared by G. Pass & Son, Architects, Eckle Building, for building grade and junior high school to cost \$100,000.

MINNEAPOLIS, MINN.—Air Reduction Sales Co., 120 Broadway, New York City, plans to build two-story brick and timber factory and office at 2429 University Avenue, S. E., to cost \$50,000.

ST. PAUL, MINN.—H. B. Smith, president Northern Pacific Mutual Benefit Association, 203 R. R. Building, proposes building three-story, 200 x 250 ft., brick and concrete hospital and power plant to cost \$300,000. L. Bassindale, 321 Capital Bank Building, Architect.

ST. PAUL, MINN.—St. Paul Union Depot Co., foot of Sibley Street, let contract to build one story, 150 x 300 ft. reinforced concrete, steel and brick depot, on Wacouta and Third Streets. General contract awarded to Morris, Shepard & Dougherty, 814 Globe Building. \$1,000,000.

STARBUCK, MINN.—H. Dahl, Farwell, Minn., was awarded contract for constructing church building for the Norwegian Lutheran Society at about \$18,000. Foss & Foss, Architects, St. Cloud.

MISSOURI

KANSAS CITY, Mo.—Interstate Ice & Cold Storage Co., Twenty-fifth and Summit Streets, will build one-story, 65 x 125 ft., ice plant and one-story, 80 x 100 ft., storage building.

KANSAS CITY, Mo.—F. L. Newman, care of Royal Theater, 1022 Main Street, let contract for building six story, 97 ft. 4 in. x 127 ft., reinforced concrete and steel theater at 112-18 Main Street to Kansas City Structural Steel Co., 705 Orear-Leslie Building. \$250,000.

ST. LOUIS, Mo.—Laclede Gas Light Co., Eleventh and Olive Streets, let contract for building steel and brick shell manufacturing plant, concrete foundation, consisting of ten buildings at 6700 Manchester Avenue, to Fruin Colnon Contracting Co., Merchants Laclede Building. \$500,000.

MONTANA

GREAT FALLS, MONT.—Great Northern Ry. plans to build shops and make alterations, etc., to its yards here. A. H. Hogeland, St. Paul, Minn., chief engineer. \$250,000.

NEBRASKA.

CLARKSON, NEB.—City contemplates rebuilding power house at a cost of \$26,000. Henningson Engineering Co., 1122 Farnam Street, Omaha, engineers.

HOLMESVILLE, NEB.—Board of Education proposes building Consolidated High School costing \$50,000. R. A. Bradley & Co., Exchange National Bank Building, Hastings, Architects.

NEW HAMPSHIRE

PORTSMOUTH, N. H.—Murphy Construction Co., Boston, Mass., has contract for constructing thirty-one houses for the Housing Division, Department of Labor.

PORTSMOUTH, N. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build extension to machine shop No. 80. Specification 3589. \$135,000.

NEW JERSEY.

JERSEY CITY, N. J.—Davis-Bourneville Co., Van Wagenen Avenue, plans to build addition to plant at a cost of \$75,000.

NEWARK, N. J.—Rubber & Celluloid Products Co., Wilson Avenue, plans to rebuild its plant recently destroyed by fire at a loss of \$100,000.

PATERSON, N. J.—A. Gleeck, 65 Garfield Street, was awarded contract for constructing three-story, 60 x 125 ft., brick addition to plant of Empire Dyeing & Finishing Co. at \$49,500.

PERTH AMBOY, N. J.—Standard Oil Co. of New Jersey let contract for building plant consisting of two-story, 32 x 53 ft., stable, two-story, 40 x 50 ft., warehouse and two-story, 46 x 100 ft., garage and office building, reinforced concrete and brick, to H. D. Best, Flatiron Building, New York.

NEW YORK

ALBANY, N. Y.—Burdick & Son, 72 Hamilton Street, let contract for building one and two-story, 100 x 250 ft., steel and brick sheet metal working plant, concrete foundation, to McCann Building Co., Dove and Sheridan Streets. \$25,000.

ALBANY, N. Y.—National Biscuit Co., 509 West Fifteenth Street, New York City, proposes building three-story, 62 x 200 ft., brick office, concrete foundation, at 1043 Broadway, Albany, at a cost of \$50,000. J. R. Torrance, 409 West Fifteenth Street, New York City, Architect.

BINGHAMTON, N. Y.—A. E. Badgley received contract for repairing United States post office and courthouse at \$26,460.

BROOKLYN, N. Y.—Empire Repairing & Electric Welding Co., foot of Thirty-fifth Street, let contract for building one-story, 24 x 45 ft. and 50 x 49 ft., brick and steel garage shop, concrete foundation, at Thirty-fifth Street and Gowanus Bay, to W. Kennedy Construction Co., 215 Montague Street. \$25,000.

BUFFALO, N. Y.—Prest-o-Lite Co., 206 Amsterdam Avenue, New York City, let contract for building four one-story brick and steel buildings to J. W. Cowper, Fidelity Building. \$100,000.

ENDICOTT, N. Y.—International Time Recording Co. let contract to build one-story, 20 x 30 ft., brick extension to power plant, concrete foundation, to Westinghouse, Church, Kerr, 37 Wall Street, New York City. \$50,000.

ENDICOTT, N. Y.—Westinghouse, Church, Kerr Co., 37 Wall Street, New York City, was awarded contract for constructing extension to power plant, one story, 20 x 30 ft., brick and concrete, at about \$50,000.

HARRIMAN, N. Y.—The Easton Gas & Electric Co. was awarded contract for constructing an electric plant at the Merchants' Shipyard here.

LONG ISLAND, N. Y.—S. Blickman, 199 Lafayette Street, New York City, is having plans prepared for five story, 200 x 600 ft., reinforced concrete factory on Mott Avenue and Manby Street.

NEW YORK, N. Y.—Public Service Commission will build reinforced concrete, brick and steel extension to shop on Lenox Avenue and 149th Street, concrete foundation. A. L. Guidone & Son, Inc., 52 Vanderbilt Avenue, may get contract.

SCHENECTADY, N. Y.—Standard Oil Co., 26 Broadway, New York City, let contract for building two-story, 80 x 100 ft., reinforced concrete and brick warehouse, concrete foundation, to H. D. Best Co., Flatiron Building, New York City.

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If you will state kind of business for which building is intended _____ special information will be furnished

OHIO

BARBERTON, OHIO.—Board of Education is having plans prepared by Harpster & Bliss, Architects, Nantucket Building, Akron, for two-story reinforced concrete, brick and steel school. \$60,000.

CARTHAGE, OHIO (Elmwood Place P. O.)—Standard parts Co., 520 Hickox Building, Cleveland, having plans prepared for one story, reinforced concrete and brick factory here. \$100,000.

CLEVELAND, OHIO.—Peters Machine Co., 7320 Madison Avenue, plans to build one story brick and timber machine shop. \$50,000.

CLEVELAND, OHIO.—Willard Storage Battery Co., 274 West 131st Street, let contract to build two-story, 35 x 205 ft., concrete and brick assembling plant to G. W. Feaga Co., Citizens Building. \$75,000.

CLEVELAND, OHIO.—Board of Education, East Sixth and Rockwell Avenues, is having plans prepared by W. R. McCornack, Architect, care of Board of Education, for three-story, 50 x 150 ft., brick normal school on Euclid Avenue and East 109th Street. \$100,000.

HAMILTON, OHIO.—Long Island & Allstatter Co., High and Fourth Streets, awarded contract to build foundry to F. K. Vaughn. \$83,000.

HAMILTON, OHIO.—Hoover, Owens & Rentschler, Rentschler Building, let contract to build one-story, 70 x 350 ft., reinforced concrete and brick factory to F. K. Vaughn Co., Rentschler Building. \$50,000.

LORAIN, OHIO.—Cleveland Salt Co., 5912 Central Avenue, Cleveland, had plans prepared by L. G. Findlay, engineer, 503 Union Building, Cleveland, for one and two-story chemical plant to consist of six buildings. \$200,000.

OKLAHOMA.

OKLAHOMA, OKLA.—Board of Education let contract for building two story, 59 x 109 ft. school, brick, stone and reinforced concrete, on Twenty-fourth and Walker Streets, to Campbell & Price, 611 Majestic Building. \$59,000.

TULSA, OKLA.—Sinclair Refining Co., 11 West Washington Street, Chicago, Ill., let contract for building two-story warehouse, boiler plant and filling station to Goodhall Construction Co., Tulsa. \$50,000.

OREGON

PORTLAND, ORE.—Great Smith Co., Seattle, was awarded contract for constructing large plant buildings for the Pacific Coast Steel Co.'s \$700,000 steel rolling mills.

PENNSYLVANIA

EMPORIUM, PA.—Leonard Construction Co., 322 S. Michigan Avenue, Chicago, was awarded contract by War Department for constructing eight units for explosive making plant here at approximately \$2,000,000.

ERIE, PA.—A. P. Weschler plans to build theater on Tenth Street between State and Holland Streets. \$80,000.

HARMARVILLE, PA.—Thompson-Starrett Co., Second National Bank Building, Pittsburgh, was awarded contract by LaBell Iron Works for constructing twelve mining buildings and about two hundred houses for workmen at this place, at about \$1,000,000.

MEADVILLE, PA.—Erie R. R., 50 Church Street, New York City, let contract for building several one-story reinforced concrete, brick and steel buildings for engine terminal to Watson Engineering Co., 1150 Leader-News Building, Cleveland, Ohio. \$1,000,000.

MT. UNION, PA.—Leonard Construction Co., 222 S. Michigan Avenue, Chicago, received contract from War Department for constructing explosive plant at about \$1,000,000.

PHILADELPHIA, PA.—Second National Bank, 4356 Frankfort Avenue, is having preliminary plans prepared by Stearns, Woodnut & Schmehl, Architects, 21 South Twelfth Street, for rebuilding one story of bank at a cost of \$200,000.

PHILADELPHIA, PA.—W. Steele Sons Co., 46 N. Sixteenth Street, this city, was awarded contract for constructing addition to engine house for the Pennsylvania Ry. Co. at approximately \$100,000.

PHILADELPHIA, PA.—C. C. Pace, Marion, Pa., has contract for constructing battery house and signal towers, including six buildings, for the Philadelphia & Reading Ry. Co. at \$40,000.

PITTSBURGH, PA.—H. Foulkrod, Oliver Building, was awarded contract for constructing garage and machine shops for the Gulf Refining Co. at approximately \$200,000.

RHODE ISLAND

PAWTUCKET, R. I.—St. Jean Baptiste congregation plans to rebuild church. \$100,000.

PAWTUCKET, R. I.—Lecht Bros., 599 Dexter Street, let contract to build two story, 55 x 119 ft., brick, Concord Street, to Soren & Kelman, 230 Saratoga Street, Providence. \$38,000.

SOUTH DAKOTA

RAPID CITY, S. D.—First Methodist Episcopal congregation will soon receive bids for one-story, 70 x 101 ft., brick and stone church and school costing \$50,000. Edwins & Edwins, 911 Northwestern Building, Minneapolis, Minn., Architects.

TEXAS

DALLAS, TEX.—Federal Reserve Bank of Dallas, Lynn P. P. Talley, cashier, is having plans prepared by Graham, Anderson, Probst & White, Railway Exchange Building, Chicago, for building, probably five stories and basement, 140 ft. square, reinforced concrete. Cost, \$500,000.

VIRGINIA

NORFOLK, VA.—Geo. Leary Construction Co., 17 State Street, New York City, will construct quarters, wharf and dredging at naval hospital for Bureau of Yards and Docks, Navy Department, at \$140,000.

OCEAN VIEW, VA.—John H. Pierce, Norfolk, Va., was awarded contract by Wells Amusement Corp. for repairing amusement pavilion recently damaged by fire, at about \$100,000.

RICHMOND, VA.—Newport News Shipbuilding & Dry Dock Co., Newport News, let contract to build marine boiler works to J. T. Wilson & Co., Robinson and Broad Streets. Work consists of 160 x 600 ft. steel and brick main building and various other structures, including power plant, office, storerooms, service buildings, etc. \$750,000.

WASHINGTON

BREMERTON, WASH.—D. H. King Plumbing & Heating Co., 214 Columbia Street, Seattle, was awarded subcontract by A. W. Quist & Co. for furnishing necessary plumbing and heating supplies and installing same in the 250 residences, three apartments and one 400-room hotel now building at Bremerton.

SPOKANE, WASH.—General Machinery Co., 15 Stevens Street, plans to enlarge and equip its plant. \$50,000.

WEST VIRGINIA

CLARKSBURG, W. VA.—Baltimore & Ohio R. R., Baltimore & Ohio Building, let contract for building one-story, 175 x 300 ft., engine house and shop to W. Dwyer, Second National Bank Building, Cincinnati, Ohio. \$175,000.

WISCONSIN.

JANESVILLE, WIS.—Rock Co. having plans prepared by Van Ryn & De Gelleke, Architects, Caswell Block, Milwaukee, for building tuberculosis sanatorium here to cost \$100,000. G. Woodruff, Janesville, chairman special committee.

JEFFERSON, WIS.—F. C. Edwards, Ft. Atkinson, chairman Jefferson County Committee, contemplates building two story, 44 x 216 ft. brick and concrete sanatorium, to cost \$60,000. O. C. Uehling, First National Bank Building, Milwaukee, Architect.

KENOSHA, WIS.—Board of Education let contract for building two story, 148 x 183 ft. reinforced concrete and brick school to Appleton Constr. Co., Appleton, Wis. \$180,000.

MADISON, WIS.—State Board of Normal Agents plans to build one-story, 75 x 125 ft., mess hall and barracks at Normal School. \$145,000.

MILWAUKEE, WIS.—Board of Industrial Education, manufacturers, Home Building, has awarded contract for building first unit of Central Continuation School on Seventh and Prairie Streets to E. S. Steigerwald Co., 3607 Vilet Street. \$73,000.

NEW ALBION, WIS.—Board of Education approved plans for a \$75,000 school. A. A. Bird, president.

NEW LISEON, WIS.—P. Reisen & Sons, 1018 Humboldt Avenue, Milwaukee, Wis., were awarded contract for constructing reinforced concrete mechanical coaling plant at Watertown Junction for the C. M. & St. P. Ry., at approximately \$590,000.

SUPERIOR, WIS.—United States Steel Corp., 71 Broadway, New York City, plans to build four fabricating plants costing \$15,000,000.



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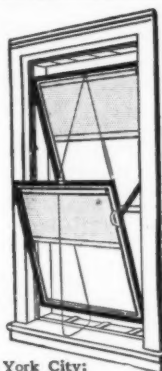
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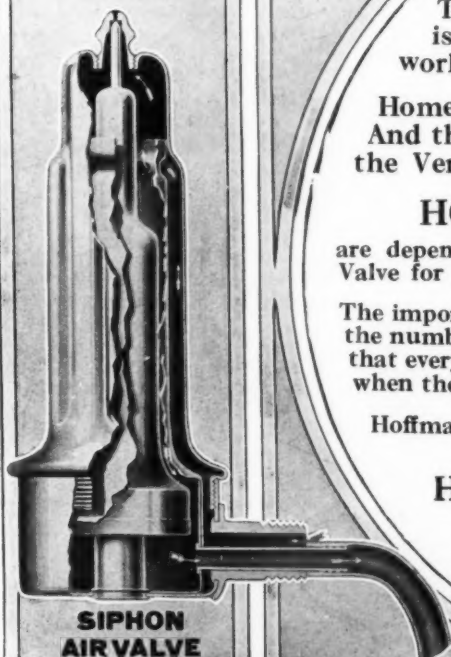


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BUILDING NEWS

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

ALABAMA

BIRMINGHAM, ALA.—Southern Sewer Pipe Works, Twenty-eighth Avenue, plans to rebuild machine shop to replace one destroyed by fire. Loss, \$75,000.

TUSKEGEE, ALA.—The industrial and trade building of the Tuskegee Normal and Industrial Institute, Tuskegee, Ala., was recently burned with a loss of about \$100,000. Plans are being prepared for rebuilding the shops.

ARKANSAS

FORT SMITH, ARK.—The Missouri-Arkansas Oxygen Co. plans to install a hydrogen plant in connection with its oxygen plant.

CALIFORNIA

BERKELEY, CAL.—The Hall-Scott Motor Co., Fifth and Snyder Streets, will build a machine shop. Estimated cost, \$40,000. E. T. Foulkes, Crocker Building, San Francisco, Architect.

LOS ANGELES, CAL.—The Board of Education is having plans prepared for the erection of two one and two-story, 40 x 80 ft., shops for industrial work, to be erected at the Jefferson and Lincoln high schools.

MARTINEZ, CAL.—Shell Oil Co. plans to build extension to refinery costing \$80,000.

MELROSE, CAL. (OAKLAND P. O.)—National Lead Co., Merchants Exchange Building, is having plans prepared by H. A. Broberg, Architect, 845 California Street, San Francisco, for several reinforced concrete factory buildings here. \$300,000.

SAN DIEGO, CAL.—San Diego Shipbuilding & Drydock Co. plans to build shipbuilding plant on tidelands. About \$100,000.

SAN DIEGO, CAL.—The San Diego & Arizona Ry., Spreckels Building, is receiving bids for the erection of new shops and roundhouses here, between Newton Avenue and Main Street. D. W. Pontius, general manager.

CONNECTICUT

EAST LYNNE, CONN.—V. H. Parker, chairman State Commission, 42 High Street, Hartford, will receive competitive plans until Dec. 1 for three buildings here at State Farm, to include school for 400 pupils, cottage to accommodate 25 people and reception building for 40 people.

NEW HAVEN, CONN.—New York, New Haven & Hartford R. R. plans to build three-story, 44 x 150 ft., brick office in Cedar Hill Yard. \$80,000.

NEW HAVEN, CONN.—The Ordnance Department, Washington, has awarded contract to the Speary Engineering Co., New Haven, Conn., for an aeroplane station with repair shop, etc., at Fishers Island, N. Y., to cost about \$400,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—The War Department, Washington, has perfected plans for the establishment of six large plants for repair work on motor transport equipment for the army. The different plants will be arranged to serve certain districts of the country, handling all motor repair work in the respective territory. The repair works will be located at Camp Holabird, Baltimore; Atlanta, Ga.; Fort Sam Houston and El Paso, Tex.; Chicago, and San Francisco.

ILLINOIS

CHICAGO, ILL.—The Armstrong Brothers Tool Co., 339 N. Francisco Avenue, Chicago, has taken bids on a one-story extension, 120 x 150 ft., to cost about \$35,000.

CHICAGO, ILL.—Amalgamated Machine Corp., 72 West Adams Street, awarded contract for building one-story, 30 x 45 ft., brick boiler house on Thirty-seventh Street and Racine Avenue, to E. W. Sproul Co., 1720 West Thirty-fifth Street. \$30,000.

CLEARING, ILL.—The Standard Steel Castings Co., Sixty-sixth Street and Sixtieth Avenue, Clearing, Ill., will erect a one-story factory of mill construction, 100 x 200 ft., to cost \$50,000.

URBANA, ILL.—University of Illinois is having plans prepared by J. M. White, Architect, University Administration Building, for three-story, 44 x 107 ft., hospital to cost \$90,000.

IOWA

MT. PLEASANT, IOWA.—Board of Education voted \$90,000 bonds to remodel Y. M. C. A. building into high school. C. W. Cruikshank, school superintendent.

KANSAS

BONNER SPRINGS, KAN.—Board of Education is having plans prepared for building two-story, 112 x 134 ft., brick, stone and reinforced concrete high school costing \$50,000. Smith, Rea & Lovitt, 602 Finance Building, Kansas City, Mo., Architects.

WICHITA, KAN.—Arkansas Valley Interurban Ry., 120 W. First Street, Wichita, Kan., acquired 300 x 400 ft. site on Douglas and Waco Avenues and plans to build shops and depot.

KENTUCKY

DAWSON SPRINGS, KY.—Illinois Central R. R., 135 East Eleventh Place, Chicago, Ill., proposes building one-story, 34 x 192 ft., passenger and freight station. D. F. McLaughlin, care of owner, Architect.

MARYLAND

BALTIMORE, MD.—A. S. Goldsborough of the War Industries Board, 111 East Redwood Street, Baltimore, and the Baltimore Real Estate Board have been asked by the Government to seek a 150-acre tract for the establishment of a nitrate plant.

CLEAR SPRINGS, MD.—The Ordnance Department, Washington, is planning the construction of a new proving ground, with buildings, at Clear Springs, Md., to cost about \$75,000. Gen. R. C. Marshall, Jr., Construction Division, is in charge.

HAGERSTOWN, MD.—The new railroad shops to be erected at Hagerstown, Md., by the Western Maryland Railroad, Baltimore, will consist of one-story buildings, including machine shop, foundry, wheel works, etc., to cost about \$500,000. The Price Construction Co., Maryland Trust Building, Baltimore, is the contractor. The same contractor has also been authorized to build similar shops for the company at Elkins, W. Va., to cost about \$500,000.

MASSACHUSETTS

BOSTON, MASS.—Contracts have been let amounting to \$900,000 for a machine shop and foundry, 206 x 256 ft., at the Charlestown Navy Yard, Boston, Mass., by the Navy Department, Bureau of Yards and Docks, Washington, D. C.

CHELSEA, MASS.—The Everlastik, Inc., 52 Chauncy Street, Boston, has awarded the contract for the erection of a three and four story, 100 x 200 ft., factory.

EVERETT, MASS.—Everett Distilling Co., East Elm Street, plans to build addition to distilling plant. \$50,000.

SOMERVILLE, MASS.—American Woolen Co., 245 State Street, Boston, plans to build four-story, 100 x 270 ft., mill. \$200,000.

WESTFIELD, MASS.—B. M. Harding, Architect, 92 Elm Street, is preparing plans for one-story, 43 x 185 ft., brick and concrete storehouse and shop for Westfield Mfg. Co., to cost \$33,000.

MICHIGAN

MANISTIQUE, MICH.—Manistique Pulp & Paper Co. will build extensions and improvements to plant costing \$500,000.

MARQUETTE, MICH.—The Lake Superior & Ishpeming R. R. has awarded the contract for the erection of repair shops, machine shop, etc. R. C. Young, Marquette, chief engineer.

NEW BUFFALO, MICH.—Pere Marquette R. R., Union Station, Detroit, let contract for building sixteen-stall roundhouse, brick, steel and concrete, to H. R. Snyder & Son, Battle Creek. \$50,000.

The War Industries Board has removed all restrictions on the use of steel sash in buildings of every description.

This applies to work now under construction where the government insisted on the use of wood sash and also to all new buildings.

By thus immediately rescinding rulings which enforced the use of temporary, inflammable windows the government shows it realizes the widespread need and desire for permanent up-to-date buildings — buildings of the type that will let American industries do their share in the rehabilitation of the world.



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MINNESOTA

DULUTH, MINN.—Board of Education proposes building one-story school to cost \$85,000. Croft & Boerner, Lansdale Building, Architects.

MINNEAPOLIS, MINN.—H. E. Pence, 800 Hennepin Avenue, and A. D. Walker, 807 Hennepin Avenue, plan to build eight-story, 195 x 240 ft., office and store on Eighth Street and Hennepin Avenue. Cost, \$1,250,000.

NICOLLET, MINN.—Minneapolis Cold Storage Co., 69 Nicollet Street, Nicollet Island, let contract to build one-story, 50 x 170 ft., concrete ice house and cold storage plant at 21 West Island Avenue to J. Leck Co., 316 South Seventh Street, Minneapolis.

ST. PAUL, MINN.—Thornton Bros. Co., Marshall and North Albert Avenues, plans to build factory and warehouse costing \$75,000.

MISSOURI

KANSAS CITY, Mo.—City Ice & Storage Co., Twenty-first and Campbell Streets, is having preliminary plans prepared by G. Carman, Architect, 509 Reliance Building, for building one-story, 60 x 100 ft., ice storage plant, 6000 tons capacity.

ST. LOUIS, Mo.—The Best Clymer Manufacturing Co., Virginia and Davis Streets, preserve packers, has awarded the contract for the erection of a three-story, 50 x 250 ft., addition to its plant.

NEBRASKA

OMAHA, NEB.—The Union Pacific Railroad, Omaha, Neb., is planning for the construction of a new one-story machine shop at Eighth and Cass Streets to cost about \$200,000. It will be used for assembling and erecting work.

NEW JERSEY

CAPE MAY, N. J.—The Bureau of Yards and Docks, Navy Department, Washington, has awarded contract to Cramp & Co., 4 North Eleventh Street, Philadelphia, for an electric power plant building at Cape May, N. J., to cost \$67,000.

JERSEY CITY, N. J.—The Rogers-Pyatt Shellac Co., 81 Water Street, New York City, has awarded the contract for a one-story, 75 x 97 ft., factory to be erected at 39-43 Essex Street. Cost, \$23,000.

TRENTON, N. J.—The Delion Tire & Rubber Co., Whitehead Road, has increased its capital stock from \$700,000 to \$1,000,000 and plans to improve and extend its plant.

NEW YORK

BROOKLYN, N. Y.—The Bureau of Yards and Docks, Navy Department, Washington, has completed plans for new machine and electrical shops at the Brooklyn Navy Yard, to cost about \$700,000.

BUFFALO, N. Y.—Atterbury Motor Co., Elmwood and Hertel Avenues, plans to build addition to plant. J. R. Spraker, general manager.

BUFFALO, N. Y.—The United States Drawn Steel Co., Fidelity Building, is having preliminary plans prepared for the erection of an addition to its plant.

DE WITT, N. Y.—The New York Central R. R. has awarded the contract for the erection of four one-story, 30 x 60 ft. and 30 x 40 ft., additions to its shops here. G. W. Kittredge, Grand Central Terminal, New York City, chief engineer.

NEW YORK CITY, N. Y.—Augustin Fuller & Co., 25 Beaver Street, New York, makers of sugar machinery, have increased their capital from \$50,000 to \$250,000.

NEW YORK, N. Y.—Reinforced concrete, brick and steel extension to shop on Lenox Avenue and 149th Street will be erected by A. L. Guidone & Son, 52 Vanderbilt Avenue, for the Public Service Commission at \$182,999.

NIAGARA FALLS, N. Y.—The Republic Carbon Co. has had plans prepared for three one-story, 80 x 340 ft., 90 x 144 ft. and 48 x 100 ft., and a one-story, 32 x 80 ft., factories to be erected on Sugar Street. A. D. Smith, 912 Ellicott Square, Buffalo, engineer.

NIAGARA FALLS, N. Y.—Worden-Allen Co. were awarded contract for constructing a chemical plant here for the Uihlein Co., who will manufacture carbon electros and carbon by-products for service in electric furnaces. The project involves an investment of \$5,000,000.

ODGENSBURG, N. Y.—North Country Shipbuilding Corp. plans to build shipbuilding plant costing \$150,000. Address E. J. Burns.

PORT RICHMOND, N. Y.—Port Richmond Terminal Co. had plans prepared by H. L. Harding, Architect, 52 Vanderbilt Avenue, New York City, for marine terminal. Project includes two steel sheds, four warehouses, tracks between sheds and water front, etc. \$2,500,000.

STATEN ISLAND, N. Y.—Bing & Bing Construction Co., New York City, have contract from Housing Division, Department of Labor, for constructing thirty-seven buildings.

TONAWANDA, N. Y.—The Acheson-Graphite Co., Buffalo Avenue and Portage Street, Niagara Falls, has awarded the contract for the erection of three one-story, 40 x 40 ft., 40 x 80 ft. and 60 x 102 ft., factory buildings here.

NORTH DAKOTA

FARGO, N. D.—Meinecke Building Co., this city, were awarded contract for constructing addition to Science Hall of Agricultural College at about \$60,000.

OHIO

BARBERTON, OHIO.—Babcock & Wilcox will build a one-story, 100 x 216 ft., machine shop. Estimated cost, \$75,000.

CINCINNATI, OHIO.—J. Glassmeyer, Architect, 2719 Hackberry Street, is preparing plans for two-story, 80 x 150 x 190 ft., concrete, brick and steel theater on Sixth Street to cost \$75,000.

CINCINNATI, OHIO.—Burdell Engineering Co., Chicago, Ill., received contract for constructing additions to the Fairmont Elevator Co., Camp Washington, at about \$50,000.

CINCINNATI, OHIO.—Ferro-Concrete Construction Co. was awarded contract for remodeling group of buildings for Peters Cartridge Co., at about \$200,000.

CLEVELAND, OHIO.—The Champion Forge & Machine Co., 3695 East Seventy-eighth Street, plans to build a one-story, 54 x 200 ft., forge shop. Estimated cost, \$75,000.

CLEVELAND, OHIO.—Gaylord-Feaga Co., Citizens' Building, received contract for constructing two-story building for the Willard Storage-Battery Co. at about \$50,000.

CLEVELAND, OHIO.—The Draper Manufacturing Co., 3403 East Eighty-second Street, has awarded the contract for the erection of a one-story, 60 x 108 ft., machine shop addition to its plant. Estimated cost, \$7,000.

CLEVELAND, OHIO.—Craig Curtiss Co., Guardian Building received contract for constructing one-story building 77 x 130 ft., brick, steel and reinforced concrete, for Cleveland Brass & Copper Mills Co.

CLEVELAND, OHIO.—The Cleveland Brass & Copper Mills Co., 322 Guardian Building, has awarded the contract for a one-story, 77 x 139 ft., factory to be erected on Babbitt Road. Estimated cost, \$50,000. E. McGeorge, 1900 Euclid Building, engineer.

CLEVELAND, OHIO.—McClellan File Co., 2344 Hamilton Avenue, contemplates building three-story, 70 x 135 ft., brick and steel or reinforced concrete factory on Hamilton Avenue. Briggs & Nelson, 669 Rose Building, Architects. \$125,000.

CLEVELAND, OHIO.—Ohio Metal Briquetting Co., 909 Schofield Building, will build one-story, 54 x 102 ft., reinforced concrete, brick and steel factory to cost \$50,000. F. Smith, care of owner, Architect.

DAYTON, OHIO.—Y. W. C. A., Third and Wilkinson Streets, is having plans prepared for two-story, 100 x 120 ft., reinforced concrete, steel and brick addition to present five-story building. Schenck & Williams, Mutual Home Building, Architect. \$50,000.

DAYTON, OHIO.—The Duriron Castings Co., 115 Bayard Street, has awarded the contract for a one-story, 100 x 500 ft., foundry to be erected on Findlay Street. Estimated cost, \$150,000.

HAMILTON, OHIO.—The Black & Clawson Co., Second and Vine Streets, manufacturer of paper-making machinery, has had plans prepared for an addition to its plant. Estimated cost, \$39,000.

LIMA, OHIO.—Garford Motor Truck Co. plans to build additions to plant at a cost of \$300,000.

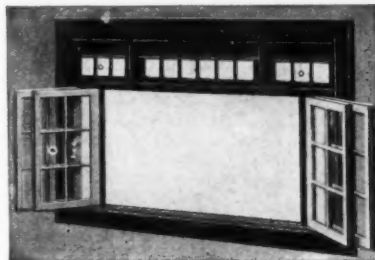
WARREN, OHIO.—A. F. Wendling Co., Massillon, Ohio, has contract from Housing Division, Department of Labor, for constructing sixty-five houses.

OKLAHOMA

TULSA, OKLA.—Swanson Bros., Topeka, Kan., were awarded contract for constructing freight house 32 x 350 ft. for A. T. & S. Fe Ry., at approximately \$75,000.

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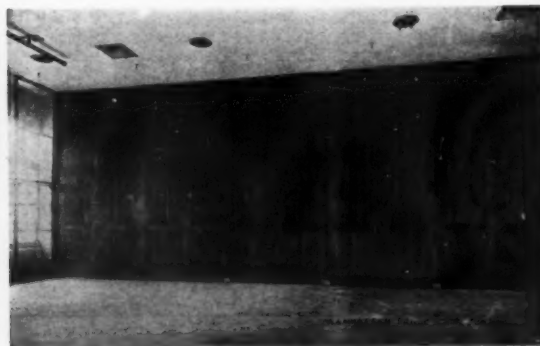
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FOLDING PARTITIONS in Standardized School House Design

In an article appearing in *The American Architect* of Nov. 6th on the standards devised by Messrs. C. B. J. Snyder, Architect and Superintendent, and C. E. Dobbin, Assistant Superintendent of school buildings for the City of New York, attention is called to the value of folding partitions.



Illustrations of one of installations of Wilson Folding Partitions in New York City schools

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are almost universally used for such work in schools, churches, Y. M. C. A.'s and institutional buildings

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robes, Diffuselite Blinds, Rolling Steel Doors, etc.

PENNSYLVANIA

BLOOMSBURG, PA.—A new manufacturing building, 80 x 100 ft., to cost about \$75,000, will be erected by the Fred Fear Match Co., Eighth and West streets, Bloomsburg, Pa., to be used as an extension to its present works.

CLIFTON HEIGHTS, PA.—Knot Mfg. Co. proposes building one-story, 60 x 60 ft., engine house. F. E. Hahn, 1112 Chestnut Street, Philadelphia, Architect.

CONNELLSVILLE, PA.—The Baltimore & Ohio Railroad and the Western Maryland Railroad, Baltimore, Md., have awarded contracts to the Price Construction Co., Maryland Trust Building, for the construction of new railroad shops, for construction and repair work, at Connelville, Pa. The shops for the former are estimated to cost with equipment about \$250,000 and for the Western Maryland Railroad \$100,000.

HARRISBURG, PA.—Merchants Ice Co., Eleventh and Berryhill Streets, plans to build 5000-ton storage warehouse on Cameron and Berryhill Streets. C. E. Danner, manager.

LEETSDALE, PA.—Hughes-Foukrod Co., Oliver Building, Pittsburgh, are contractors for constructing one-story rivet and bolt shop and office for Riter-Conley Co., at about \$200,000.

NOXEN, PA.—The Armour Leather Co., Union Stock Yards, Chicago, Ill., has awarded the contract for the reconstruction of its tanning plant. Estimated cost, \$1,000,000.

OIL CITY, PA.—The Oil City Woodworking Machinery Co., Relief Street, has increased its capital stock from \$40,000 to \$1,000,000 and plans to build extensions to its plant.

PHILADELPHIA, PA.—W. Cramp & Sons Ship & Engine Building Co., Beach and Palmer Streets, plans to build a two-story, 306 x 400 ft., engine house. Estimated cost, \$100,000.

PHILADELPHIA, PA.—American Pulley Co., 4200 Wissahickon Avenue, had plans prepared for two-story, 50 x 80 ft., reinforced concrete addition to plant, costing \$30,000.

PHILADELPHIA, PA.—P. Essick, Architect, 1345 Arch Street, has plans in progress for building one-story, 125 x 150 ft., brick factory on Seventy-first Street and Kingsessing Avenue for McFarland-Meade Co., Forty-sixth Street and Woodland Avenue. \$35,000.

PHILADELPHIA, PA.—W. Steele & Sons Co., 30 S. Fifteenth Street, this city, will be in charge of construction of two-story, 83 x 141 ft., brick and concrete factory building, at approximately \$50,000.

PHILADELPHIA, PA.—Charles Gilpin, 613 Harrison Building, this city, will construct cooking school and guard at the U. S. Naval Home at \$28,996.

PHILADELPHIA, PA.—The Electric Storage Battery Co., Nineteenth Street and Allegheny Avenue, Philadelphia, has awarded contract to F. & E. Auel, 2503 Germantown Avenue, for two one-story extensions, 40 x 118 ft. and 30 x 40 ft.

PHILADELPHIA, PA.—The William Cramp & Sons Ship & Engine Building Co., Beach and Ball streets, Philadelphia, has filed plans for a one-story brick machine shop addition, 85 x 218 ft., at Dyott and Richmond streets, to cost \$65,000.

PITTSBURGH, PA.—The Pittsburgh Crane & Equipment Co., Phipps Power Building, is building a two-story machine shop on Nineteenth Street, Sharpsburg district. Estimated cost, \$20,000.

PITTSBURGH, PA.—The War Department, Washington, has completed arrangements with the Duquesne Light Co., Pittsburgh, for the construction of a new electric power plant in the vicinity of Cheswick to cost about \$16,000,000.

SCRANTON, PA.—The Price-Pancoast Coal Co., Scranton, Pa., has awarded contract for building construction for its electric power plant at Throop to Salvatore Palumbo, Real Estate Exchange Building. It will be one-story, 80 x 100 ft., and is estimated to cost \$75,000.

SHARON, PA.—Savage Arms Corp., 121 Sharpville Street, plans to build addition to plant to include power plant. \$300,000.

SHARON, PA.—The Sharon Building Co. and Wm. McIntyre & Sons were awarded contract for constructing 178 dwellings for the Government on the Wallis & Carley site, adjoining the Sharon fair grounds. Cost, \$800,000.

YORK, PA.—The York Safe & Lock Co., Loucke Road and Pennsylvania R. R., will build a two-story, 60 x 100 ft., foundry and one story, 90 x 200 ft., pattern shop. Estimated cost, \$30,000.

TENNESSEE

CHATTANOOGA, TENN.—The Columbia Iron Works, 811 Boyce Street, plans to rebuild the shell department at its munition works, which was recently destroyed by fire. Loss, \$75,000.

TEXAS

HASIMA, TEX.—Liberty Hardwood Milling Co., Bay City, plans to build addition to plant at a cost of \$30,000. E. J. Eisberg, president.

SAN ANTONIO, TEX.—The Texas Crate & Basket Co., recently incorporated with \$36,000 capital stock, plans to build a factory. Address J. Flory, 1619 South Flores Street.

WICHITA FALLS, TEX.—C. T. Engle, W. C. Mays, J. F. Buckle and J. D. Smith plan to build a 10,000-bbl. capacity oil refinery.

VERMONT

MIDDLEBURY, VT.—W. F. Porter is having plans prepared by Trowbridge & Livingston, Architects, 527 Fifth Avenue, New York City, for two-story, 100 x 150 ft., brick and steel hospital. \$50,000.

VIRGINIA

NORFOLK, VA.—Barracks and other buildings at C. & O. pier No. 10, Newport News, Norfolk and Western Yards, Lamberts Point, Norfolk, are proposed by the Bureau of Yards & Docks, Navy Department, Washington.

NORFOLK, VA.—Harwood & Moss, 30 Lam Building, Newport News, Va., will construct barracks and other buildings in Norfolk at \$127,707.

RICHMOND, VA.—J. Mitchell, Inc., 76 Montgomery Street, Jersey City, N. J., received contract for constructing chemical plant 60 x 100 ft., reinforced concrete, brick and steel floor, for the Air Reduction Co., New York City, at about \$80,000.

WASHINGTON

CENTRALIA, WASH.—The Stillwater Lumber Co. plans to rebuild its plant which was recently damaged by fire. Loss, \$125,000.

SPOKANE, WASH.—The General Machinery Co., 15 Stevens Street, plans to enlarge its plant on Riverside Avenue and Freya Street and will install additional equipment. Estimated cost, \$50,000.

STEARNSVILLE, WASH.—Fire recently destroyed the plant of the Stearns Lumber & Shingle Co. Loss, \$75,000.

WEST VIRGINIA

MARTINSBURG, W. VA.—National Shale Brick Co., recently incorporated with \$250,000 capital stock, plans to build three brick plants.

SMITHFIELD, W. VA.—The Baltimore & Ohio Railroad, Baltimore, has commenced excavation work for its new engine house at Smithfield, W. Va., to cost about \$100,000. Contract has been awarded to Francis Brothers & Haigley, 20 Clay Street, Baltimore, for an addition to the engine house near Martinsburg, W. Va., to cost \$30,000. The company will also build a new engine house at Clarksburg, W. Va.

WISCONSIN

HARTFORD, WIS.—Hartford Canning Co. retained R. A. Messmer & Co., Architects, Majestic Building, Milwaukee, to prepare plans for one and two-story canery. A. Lau, general manager.

NEENAH, WIS.—C. R. Meyers Sons Co., 52 State Street, Oshkosh, Wis., have contract for constructing three-story building for the Theda Clark Memorial Hospital at \$35,000. R. A. Messmer & Bros., Majestic Building, Milwaukee, Architects.

SHEBOYGAN, WIS.—Phoenix Chair Co., South Water Street, is having plans prepared by Juul & Smith, Architects, Immigration Building, for four-story, 60 x 140 ft., brick and mill construction factory.

SUPERIOR, WIS.—Board of Education had plans prepared by F. E. Johnson, Architect, Wisconsin Building, for a two-story school, 117 x 155 ft. \$125,000.

UNION GROVE, WIS.—Electropure Dairy Co., Burlington, plans to build milk condensing plant to cost \$30,000.

WAUWATOSA, WIS.—Northwestern Chemical Co., Sixty-first and State Streets, had plans prepared by C. F. Ringer & Sons, Architects, University Building, Milwaukee, for building one-story, 48 x 147 ft., chemical plant.



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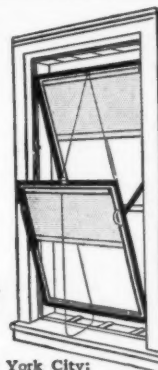
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To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it at all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all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

WASHINGTON, D. C.—The War Department authorized the construction of the following war products, estimated to cost \$6,630,000: New cantonment at Fort Benjamin Harrison, Ind., \$2,632,257; five vehicle storage buildings at Rock Island Arsenal, Ill., \$551,629; forty-two barracks, storehouses and medical, mess and administration buildings at Galveston, Tex., \$554,000; thirteen barracks, medical building, storage houses and administration building for chemical warfare service at Willoughby, Ohio., \$167,670; fifteen barracks and three buildings at the Coast Defense Station, San Diego, Cal., \$219,795; additions to the tuberculosis hospital at Otisville, N. Y., \$312,579; additions to buildings at Fort Sill, Okla., \$140,000; alteration of Government buildings and railroad yards at Hoboken, N. J., \$178,915; new administration building, two-story addition to camp infirmary at Camp Meade, Md., \$55,700; six warehouses at the Presidio of San Francisco, Cal., \$36,000; alterations and construction of new two-story building at Rariden Arsenal at Metuchen, N. J., \$76,800.

ALABAMA

BIRMINGHAM, ALA.—Southern Sewer Pipe Works, Twenty-eighth Avenue, is contemplating rebuilding their machine shop, replacing one destroyed by fire at a total loss of \$75,000.

TUSKEGEE, ALA.—Tuskegee Normal & Industrial Institute is having plans prepared for rebuilding industrial and trade building destroyed by fire. Loss about \$100,000.

ARIZONA

NOGALES, ARIZ.—An appropriation of \$120,000 has been made by Congress for the construction of a Federal building here. The building is to be two stories, the postoffice occupying the first floor and the customs, immigration and other offices the second floor.

PRESCOTT, ARIZ.—Plans are being prepared for the construction of a large army hospital at Whipple Barracks. Geo. P. Hill, Architect, Albuquerque, N. M.

CALIFORNIA

BUTTE CITY, CAL.—The Great Western Canal Co., Butte City, Cal., is planning for the construction of a new electric power plant, with initial capacity of over 100,000 hp.

GIANT, CAL.—The Construction Division of the War Department, Washington, D. C., has leased a site here from the Giant Powder Co., and has awarded the contract for the erection of a TNT plant. Estimated cost, \$1,438,000.

HOLTVILLE, CAL.—The Holton Power Co. contemplates repairing the Holtville auxiliary plant at a cost of from \$50,000 to \$100,000.

HOLTVILLE, CAL.—Plans have been prepared for a new cotton gin, 25 x 100 ft., to be erected by Robert W. Maxwell, Holtville, Cal.

LOS ANGELES, CAL.—New Ellen Potash & Chemical Co., Van Nuys Building, is having plans prepared by F. L. Stiff, Architect, Van Nuys Building, for building castor oil mill, including three-story reinforced concrete building.

LOS ANGELES, CAL.—Salt Lake Ry. Co., Pacific Electric Building, let contract for building one-story, 195 x 220 ft., reinforced concrete repair shop, at 1462 East Fourth Street, to Leonardt & Peck, 721 H. W. Hellman Building. \$74,330.

LOS ANGELES, CAL.—The Big Jim Pump Co., Los Angeles, has been incorporated, with a capital of \$100,000, to manufacture pumps, etc. L. F. Krekeler, J. M. Lee and R. C. Hoggins, Los Angeles, are the incorporators.

LOS ANGELES, CAL.—The Fulton Engine Works, Alhambra Avenue, Los Angeles, will build a one-story addition to its machine shop.

LOS ANGELES, CAL.—The Dairyman's Machinery & Supply Co., 208 East Ninth Street, Los Angeles, has been organized to manufacture machinery. Antonin Dubuc, 1324 Third Street, Santa Monica, heads the company.

LOS ANGELES, CAL.—The Los Angeles Shipbuilding Co., Los Angeles, will build a new 10,000-ton dry dock at its plant at Los Angeles Harbor, to be provided with facilities for the construction and repair of vessels.

LOS ANGELES, CAL.—Plans are being prepared for the construction of a two-story Class C apartment and store building to be erected at North Broadway and Griffin Avenue. The building will be 141 x 106 ft., reinforced concrete and brick. T. Franklin Power, 333 Higgins Building, Architect.

PALMDALE, CAL.—The Palmdale Irrigation District, Palmdale, Cal., is considering the installation of new electrically operated pumping plants in the Antelope Valley section. The project is estimated to cost about \$500,000.

PORTERVILLE, CAL.—The Joaquin Valley Cement Co. is contemplating the construction of a \$600,000 cement plant. W. J. Dingee, promoter.

RIVERSIDE, CAL.—L. V. W. Brown of this city is endeavoring to secure the location here for one of the dehydrating plants for which the Government has appropriated \$250,000.

SAN DIEGO, CAL.—The War Department authorized the construction of fifteen barracks and three buildings at the Coast Defense Station here, estimated cost \$219,795.

SAN DIEGO, CAL.—The San Diego Shipbuilding & Dry Dock Co., San Diego, Cal., is negotiating for property on the tidelands, between Front and Sixth Streets, as a site for a new plant. The proposed works will cost about \$100,000 for initial installation and will be devoted to the production of steel and wooden vessels. Adam Weckler is vice-president and general manager.

SAN FRANCISCO, CAL.—The War Department authorized the construction of six warehouses at the Presidio here at a total estimated cost of \$36,000.

SANTA BARBARA, CAL.—The Board of Education, Santa Barbara, Cal., has completed plans for the erection of a machine shop for the new technical and manual training school.

TULARE, CAL.—Carpenter Cheese Co., Modesto, plans to build factory here. \$100,000.

CONNECTICUT

BRIDGEPORT, CONN.—Heppenstall Forge Co., Howard Avenue, will build one-story, 60 x 135 ft., steel and corrugated iron, casting shop. \$25,000.

BRIDGEPORT, CONN.—P. W. Wren, and D. F. Whiegler, 634 Water Street, will erect four-story, 60 x 170 ft., brick, steel and timber building costing \$50,000. L. Asheim, 211 State Street, Architect.

DURHAM, CONN.—Merriam Mfg. Co. plans to rebuild plant recently destroyed by fire at a loss of \$40,000.

HARTFORD, CONN.—The S. K. F. Ball Bearing Co., 330 New Park Avenue, has awarded the contract for the erection of a one-story, 53 x 120 ft., addition to its factory. Estimated cost, \$25,000.

NEW BRITAIN, CONN.—The Stanley Rule and Level Co., 111 Elm Street, plans to build a 1½-story, 50 x 130 ft., factory on Whiting Street. Estimated cost, \$7,500.

NEW HAVEN, CONN.—The New York, New Haven & Hartford Railroad, New Haven, Conn., has had plans prepared for a one-story forge shop and mill, 40 x 80 ft., at 132d Street and Harlem River, New York.

NEW HAVEN, CONN.—The United Smelting and Aluminum Co., Schuetzen Park, is building a one-story, 65 x 130 ft., addition to its plant. Estimated cost, \$5,000.

NEW LONDON, CONN.—Barracks—Bureau Yards & Docks, Navy Department, Washington, D. C., plans to

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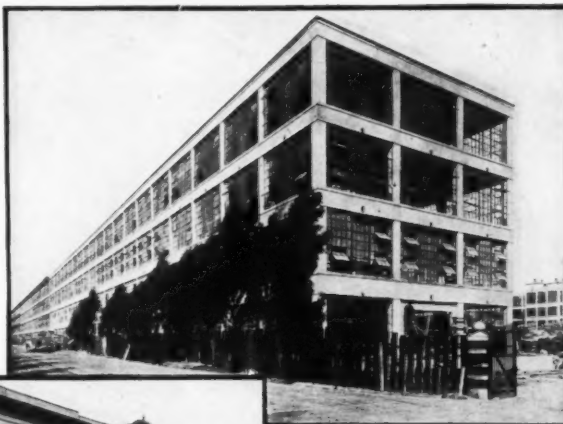
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ABOVE: Pierce Arrow Motor Car Co., Buffalo, N. Y. Gen. Con.: Abertshaw Construction Co., Boston, Mass. Roofers: Jameson Roofing Co., Buffalo, N. Y.

AT LEFT: Building at St. Mary of the Woods College, Ind. Arch't.: D. A. Bohlen & Son. Gen. Cont's: The Bedford Stone & Construction Co. Roofers: Terra Haute Roofing Co., Terre Haute, Ind.



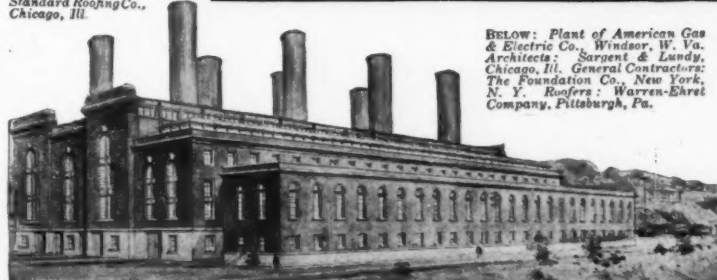
ABOVE: Lamar Street School, San Antonio, Texas. Arch't.: Adams & Adams, San Antonio, Texas. Gen. Cont's: Wright & Sanders, San Antonio, Texas. Roofers: Turner Roofing & Supply Co., San Antonio, Texas.



AT RIGHT: Commonwealth Edison Sub-Station, Chicago, Ill. Arch't.: Van Holst & Fife, Chicago, Ill. Gen. Cont's: McCarty Bros., Chicago, Ill. Roofers: Standard Roofing Co., Chicago, Ill.



BELOW: Plant of American Gas & Electric Co., Windsor, W. Va. Architects: Sargent & Lundy, Chicago, Ill. General Contractors: The Foundation Co., New York, N. Y. Roofers: Warren-Ehret Company, Pittsburgh, Pa.



build 650 barracks for men at Submarine Base; Spec. 3638. \$175,000.

NEW LONDON, CONN.—Bureau Yards & Docks, Navy Department, Washington, D. C., plans to build 650 barracks and mess halls. Spec. 3637. \$225,000.

PORTLAND, CONN.—The Portland Foundry Co., a subsidiary of the Baird Machine Co., Stratford Avenue, Bridgeport, has acquired a site and plans to build several additions to its plant.

SHELTON, CONN.—S. Blumenthal & Co., Inc., will build one-story, 90 x 130 ft., reinforced concrete, brick and steel power plant on Howe Street. \$35,000.

STAMFORD, CONN.—Waterside Mills, Pacific Street, plans to rebuild power plant recently destroyed by fire. Address F. B. Gillespie. \$50,000.

WATERBURY, CONN.—The Waterbury Buckle Co., 872 South Main Street, has awarded the contract for the erection of a 3 story, 50 x 110 ft., factory. Estimated cost, \$35,000.

WATERBURY, CONN.—Scoville Mfg. Co., 99 mill Street, will build three-story, 20 x 20 ft., concrete, brick and steel, tower building, in connection with present ammunition plant on North Elm Street. \$25,000.

DELAWARE

WILMINGTON, DEL.—American Car & Foundry Co., foot East Eighth Street, plans to build concrete machine shop here. \$30,000.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—The Bureau of Yards and Docks, Washington, has awarded a contract to George Wagner, 251 Kearny Street, San Francisco, for the erection of an addition to the machine shop at the Mare Island Navy Yard. An extension will also be made to the electric power plant.

WASHINGTON, D. C.—Plans are being prepared for the construction of a Y. M. C. A. dormitory at 1730 G Street, N. W., ten stories, 157 x 114 ft., brick, reinforced concrete or steel construction, and a three-story building for boys 60 x 120, brick and stucco. Total estimated cost \$800,000. C. L. Harding, Architect, 729 Fifteenth Street.

TACOMA PARK, D. C.—Plans are being prepared for the construction of a two-story and basement, brick and stucco construction, slate roof, electric light school building, total cost \$90,000. Frank Upman, Architect, Woodward Building.

GEORGIA

BRUNSWICK, GA.—The Atlantic Refining Co., 3144 Passyunk Avenue, Philadelphia, Penn., has acquired a 500 acre site here, and plans to build an oil refining plant with a daily capacity of 2000 bbls. About \$1,000,000.

MACON, GA.—Macon Cooperage Co., 614 Division Street, will build 100 x 140 ft. mill construction cooperage. W. A. Roush, president.

MACON, GA.—The Motor Transport Camp will be constructed as an addition to Camp Wheeler to include the construction of buildings for schools and shops, to be constructed at an approximate cost of \$200,000.

SAVANNAH, GA.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., is contemplating the construction of a marine hospital here to cost between \$200,000 and \$250,000.

ILLINOIS

CHICAGO, ILL.—The Amalgamated Machinery Corp., South Racine Avenue, Chicago, has filed plans for the construction of an addition at its lathe and boring machine plant to cost \$75,000.

CHICAGO, ILL.—M. J. Morehouse, Architect, 343 South Dearborn Street, Chicago, has prepared plans for an extension to a foundry at Morris, Ill., for the Western Foundry Co., Chicago.

CHICAGO, ILL.—The Interstate Iron & Steel Co., 104 South Michigan Avenue, Chicago, will build a new two-story machine shop, 50 x 100 ft., at 118th Street and the Calumet River, to cost about \$25,000.

CHICAGO, ILL.—The W. D. Allen Mfg. Co., West Lake Street, Chicago, manufacturer of clamps, couplings and related specialties, has filed plans for the erection of its new works at 5632-58 West Twelfth Street, to cost about \$150,000.

CHICAGO, ILL.—R. C. Sullivan, 120 South Michigan Avenue, awarded contract to build two-story, 120 x 125 ft., concrete and brick motor truck repair shop at 120 North Carpenter Street, to A. & E. Anderson, 19 South La Salle Street. \$50,000.

FREEDPORT, ILL.—The Hoefler Mfg. Co., Freeport, Ill., manufacture of drilling specialties, is having plans prepared for a one-story addition on Chicago Street, 60 x 80 ft., to cost \$15,000.

ROCK ISLAND, ILL.—The Y. M. C. A. is contemplating the construction of a Y. M. C. A. building at the arsenal here. Total estimated cost \$25,000.

ROCK ISLAND, ILL.—The War Department authorized the construction of five vehicle storage buildings here at the arsenal to cost \$551,629.

SPRINGFIELD, ILL.—The Springfield Boiler Works, Nineteenth Street and Capital Avenue, will construct a new brick office which will cost approximately \$12,000.

INDIANA

FORT BENJAMIN HARRISON, IND.—The War Department authorized the construction of a new cantonment here to cost \$2,632,257.

INDIANAPOLIS, IND.—John A. Schumacher & Co. received Government contract for constructing eleven convertible dormitories for women, and for alterations to be made on other buildings at Mars Hill, at a cost of \$140,000.

JEFFERSONVILLE, IND.—The Pittsburgh, Cincinnati, Chicago & St. Louis Railway will construct a large round house where \$2,000,000 will be expended for improvements.

IOWA

NEWTON, IOWA.—Parsons Mfg. Co. let contract for building one-story, 100 x 180 ft., reinforced concrete, brick and steel factory to Austin Co., 16112 Euclid Avenue, Cleveland, Ohio. \$60,000.

PELLA, IOWA.—Plans have been completed for the construction of a church building for the Peoria Church, one story and basement, 40 x 60 ft., brick and stone construction. Total estimated cost \$25,000.

KENTUCKY

CAMP KNOX, KY.—The War Department has authorized the construction division to proceed with additions costing \$5,502,271 to Camp Knox, Camp Bragg, N. C., Camp Sherman, Ohio, and Camp Holabird, Md.

LOUISVILLE, KY.—W. C. Dunnington, 909 West Main Street, let contract for building tobacco factory and warehouse to C. A. Kerner & Co., 315 East Burnett Street. \$107,000.

LOUISIANA

NEW ORLEANS, LA.—Walker & Co. plans to build reinforced concrete warehouse costing about \$25,000.

NEW ORLEANS, LA.—Approximately \$50,000 will be spent on the buildings of the Baptist Bible Institute, to transform them into the general military hospital to be opened by the Government.

NEW ORLEANS, LA.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., is contemplating the construction of a marine hospital here to cost between \$200,000 and \$250,000.

WESTLAKE, LA.—Lock Moore Co. plans to build mill construction sawmill plant costing about \$200,000. G. Law, secretary.

MARYLAND

ANNAPOLIS, MD.—Dorsey & Miller, Equitable Building Baltimore, were awarded contract for constructing foundation for general storehouse for the Bureau of Yards & Docks, at \$18,300.

BALTIMORE, MD.—West Construction Co., 907 American Building, were awarded contract for construction improvements at Camp Holabird, including extension of Warehouse No. 3, 561 ft. long, at \$228,680.

BALTIMORE, MD. (MT. CLARE).—Baltimore & Ohio R. R., B. & O. Building, awarded contract for building one-story, 90 x 240 ft., steel and concrete addition to local shops on Gilmore Street to Frainie Bros. & Haigley, 18 Clay Street. \$200,000.

BALTIMORE, MD.—Construction Division, War Department, Washington, D. C., plans to build addition to warehouse No. 3. \$228,680.

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CHICAGO



BALTIMORE, MD.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., is contemplating the construction of a marine hospital here to cost between \$200,000 and \$250,000.

BALTIMORE, MD.—The War Department contemplates constructing several large piers, warehouses, etc., with accompanying facilities on the water front. They have agreed to purchase a fifty-five-acre site at the foot of Key Highway at approximately \$400,000.

BALTIMORE, MD.—Plans are being prepared for the construction of a convention hall at Fallsview end of Civic Center to accommodate 15,000 people and costing approximately \$800,000. Carrere & Hastings, 52 Vanderbilt Avenue, N. Y. City, Architects.

BALTIMORE, MD.—Plans are being prepared for the construction of an addition to the creamery of the Maryland Creamery Co., 1734-38 E. Pratt Street, three-story brick and mill construction, total estimated cost \$50,000.

CAMP HOLABIRD, MD.—Construction Division, War Department, Washington, D. C., plans to build barracks for 3000 additional men. Water supply will also be increased. \$798,000.

CAMP MEAD, MD.—Construction Division, War Department, Washington, D. C., plans to build new administration building and two-story addition to camp infirmary. \$55,700.

FAIRFIELD, MD.—The Union Shipbuilding Co. has awarded the contract for the erection of a one-story addition to its plant. Cost, \$150,000.

INDIAN HEAD, MD.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build process and concentrating buildings at nitrate plant. Specification 3633. \$305,000.

MASSACHUSETTS

BARRE, MASS.—The C. G. Allen Co., iron founder and machinist, plans to rebuild its plant which was recently damaged by fire.

BOSTON, MASS.—Evatt Construction Co., 161 Devonshire Street, has contract for extending and altering machine shop No. 12, at \$617,122.

BOSTON, MASS.—F. G. Coburn, 274 Washington Street, has contract for constructing one-story, 100 x 250 ft., Immigration Station and Wharf on Marginal Street, East Boston, at approximately \$250,000.

BOSTON, MASS.—Air Reduction Co., 120 Broadway, New York City, had plans prepared for one-story, 60 x 100 ft., reinforced concrete, steel and brick plant to cost \$100,000.

CAMBRIDGE, MASS.—Bureau of Yards and Docks, Navy Department, Washington, D. C., plans to build radio instruction building. Specification 3649. \$60,000.

CHICOFEE, MASS.—Westinghouse Electric Co. let contract for building brick and reinforced concrete engine house to E. F. Carlson Co., 310 Main Street, Springfield. \$35,000.

PALMER, MASS.—Texas Oil Co., 17 Battery Place, New York City, let contract for building one-story, 75 x 159 ft., steel and brick shop addition here to Flynt Co., Palmer. \$50,000.

SPRINGFIELD, MASS.—Boston & Albany R. R., 119 Worthington Street, had plans prepared for three-story, 114 x 401 ft., brick station. F. B. Freeman, Boston, chief engineer. \$2,500,000.

WILLIAMSTOWN, MASS.—Williams College plans to rebuild Jesup Hall dormitory, recently damaged by fire. \$50,000.

WORCESTER, MASS.—The Wyman Gordon Co., manufacturer of drop forgings, has awarded the contract for the erection of a one-story, 49 x 80 ft., addition to its laboratory testing building.

MICHIGAN

DETROIT, MICH.—Board of Education let general contract for building 50 x 100 ft. brick and steel power plant, reinforced concrete flooring, concrete foundation, on Henry Street, to Worswick Bros., Hodges Building. \$62,000.

GRAND RAPIDS, MICH.—The American Seating Co., 901 Broadway N. W., is building an addition to its plant. Estimated cost, \$12,000.

MISSOURI

JEFFERSON CITY, MO.—Louis Schell was awarded contract for reconstructing Court House at \$58,400.

KANSAS CITY, MO.—City voted \$400,000 bonds to build municipal ice plant. C. B. Traumers, City Clerk.

ST. LOUIS, MO.—Missouri-Arkansas Oxygen Co. plans to build 75 x 150 ft. plant. Cost about \$5,300.

NEW JERSEY

BLLENHEIM, N. J. (Blackwood P. O.)—H. Reed, 129 South Fifth Street, Philadelphia, Penn., will build a two-story, 75 x 150 ft. machine shop and office building, here. H. L. Shay, 130 South Fifth Street, Philadelphia, Penn., Arch.

BLOOMFIELD, N. J.—The Sprague Electric Co., 527 West Thirty-fourth Street, New York City, will build a one-story, 75 x 100 ft. grinding building addition to its plant on Watsessing Avenue. Estimated cost, \$25,000.

CAPE MAY, N. J.—Sherman Sharp has contract for constructing new building for the Marconi Wireless Telegraph Co.

HARRISON, N. J.—The Hyatt Roller Bearing Division of the United Motors Corporation, Middlesex Street, is having preliminary plans prepared for a two-story addition to its plant.

JERSEY CITY, N. J.—The Continental Can Co., 111 West Washington Street, Chicago, Ill., has acquired a site between Fifteenth and Sixteenth streets, here, and plans to build a three- and four-story plant. Estimated cost, \$500,000.

NEWARK, N. J.—The Upson-Walton Co. of New York, 462 Riverside Avenue, manufacturer of wire rope, etc., has had plans prepared for the erection of a two-story, 55 x 137 ft., addition to its plant. Estimated cost, \$40,000.

NEWARK, N. J.—The Gulf Refining Co., Plum Point Lane, Newark, N. J., is planning a reinforced concrete shop, 65 x 100 ft., at 92-100 Lentz Avenue, for machine and automobile repair work. It is to cost about \$10,000.

NEWARK, N. J.—The Rubber & Celluloid Products Co., Wilson Avenue, Newark, is having plans prepared for rebuilding its plant recently destroyed by fire with estimated loss of \$100,000. The new structure will be one and two stories, 42 x 390 ft., estimated to cost \$50,000. The main office of the company is at 56 Ferry Street. Andrew Albright is president.

TRENTON, N. J.—The School of Industrial Arts, 114 North Montgomery Street, is building a two-story, 56 x 65 ft., addition to include a machine shop, a tool room, automobile engine laboratory and boiler room, ceramic department, a ceramic chemistry laboratory, wood finishing room, pottery modeling room, etc.

NEW YORK

AUBURN, N. Y.—The Crucible Steel Co. of America, 104 Magnolia Street, Syracuse, N. Y., has filed plans for three extensions to the Cayuga Tool Steel Co., Auburn, N. Y., recently acquired, and now known as the Auburn works. It is understood that other additions are contemplated.

BATH, N. Y.—Board of Managers, New York State Soldiers' and Sailors' Home, proposes building barracks. \$53,000. S. M. Morgan, commandant.

BOLIVAR, N. Y.—The Pittsburgh, Shawmut & Northern R. R. is having plans prepared for remodeling and rebuilding its railway shops here. H. S. Wilgus, Angelica, engineer.

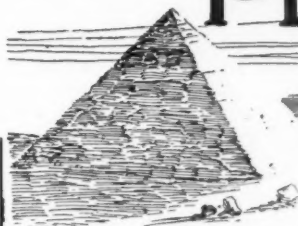
BROOKLYN, N. Y.—W. H. Gahagan, Inc., 147 Remsen Street, Brooklyn, operating a shipbuilding plant at Arverne, Long Island, has purchased 240 acres at Somerville Harbor and Jamaica Bay. Plans have been filed for a shop building 53 x 180 ft. to form the first unit, estimated to cost \$27,000.

BROOKLYN, N. Y.—Brooklyn Eye and Ear Hospital, Schermerhorn Street, is having plans prepared by Crow, Lewis & Wickenhoefer, Architects, 200 Fifth Avenue, New York City, for seven-story, 50 x 110 ft., reinforced concrete, steel and brick hospital to cost \$250,000.

BROOKLYN, N. Y.—Brenack Stevedoring Co., 50 Thirtieth Street, had plans prepared by T. Bennett, Architect, 7824 Fifth Avenue, New York City, for 200 x 237 ft. concrete, steel and brick factory to cost \$30,000.

BUFFALO, N. Y.—American Car & Foundry Co., 370 Babcock Street, let contract for building one-story, 50 x 121 ft. foundry, to Ullrich & Flierl, 581 East Ferry Street.

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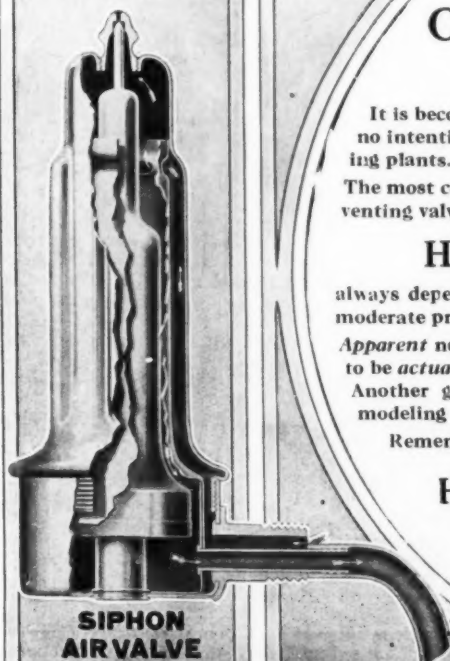
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BUFFALO, N. Y.—W. B. Whitney & Co., 38 South Dearborn Street, Chicago, are drawing plans for a manufacturing plant to be erected at Buffalo, N. Y., at a cost estimated at \$100,000. Owner's name not yet announced.

BUFFALO, N. Y.—The Clipper Tool Co., Buffalo, has been incorporated, with a capital of \$150,000, by E. E. F. E. and G. Parr, to manufacture tools, etc.

BUFFALO, N. Y.—The Buffalo Dry Dock Co., Ganson Street, Buffalo, has completed plans for a two-story punch shop addition, 70 x 150 ft., estimated to cost \$20,000. It has also had plans prepared for a one-story boiler house addition, 22 x 50 ft.

BUFFALO, N. Y.—The Crosby Co., 183 Pratt Street, Buffalo, manufacturer of steel stampings, etc., has had plans prepared for a one-story building, 100 x 125 ft., at Castor and William Streets, to cost \$12,000.

BUFFALO, N. Y.—The Curtiss Aeroplane & Motor Corp., Buffalo, has filed plans for a one-story addition, 20 x 185 ft., at its Elmwood Avenue works.

BUFFALO, N. Y.—J. Blair Clark, Inc., Buffalo, has been incorporated, with a capital of \$30,000, by J. Blair Clark and J. F. Wall, to manufacture automobile and tractor parts, etc.

CAYUGA, N. Y.—The United States Compressing & Milling Corporation, Cayuga, N. Y., has been incorporated with a capital of \$50,000 by C. H. Pratz, F. W. Shoemaker and J. P. O'Hara, Moravia, to manufacture machinery.

HEMPSTEAD, N. Y.—Syndicate headed by M. F. Bramley, Arcade, Cleveland, Ohio, purchased 33-acre site here and plans to build aeroplane factory.

HERKIMER, N. Y.—The Municipal Commission, Herkimer, N. Y., Michael Foley, president, City Hall, has completed plans for a one-story boiler house addition of brick and steel, to cost \$50,000.

LONG ISLAND CITY, N. Y.—Frederick Schreiber, Long Island City, N. Y., operating a plant in the Ravenswood section for the manufacture of munitions, is planning the construction of a two-story works at Webster Avenue and Hancock Street to cost \$30,000.

MAMARONECK, N. Y.—Faillace Bros., 56 W. Boston Post Road, was awarded contract for constructing extension to Marine barracks at Lake Denmark, at \$59,548.

MANLIUS, N. Y.—The Reals Brass Foundry Co., Manlius, N. Y., has been incorporated, with a capital of \$10,000, by C. J. Parker, Jr., C. Keck and J. P. Pantak, to manufacture brass and other castings.

NEW YORK, N. Y.—The Seaboard Marine Corp., New York, has been incorporated, with a capital of \$500,000, to build vessels, etc. H. M. Glennon, P. Doring and T. B. Bresnahan, 55 West 127th Street, are the incorporators.

NEW YORK, N. Y.—The American Balsa Corp., 50 East Forty-second Street, New York, has filed plans for a two-story brick addition to its plant on Exterior Street to cost \$50,000.

NEW YORK, N. Y.—The United Electric Light & Power Co., 130 East Fifteenth Street, New York, will build a one-story power station, 40 x 50 ft., at 201st Street and the Harlem River.

NEW YORK, N. Y.—The Hachich Hachich Asbestos Mfg. Co., 609 West Fifty-fifth Street, New York, is building a three-story plant, 90 x 110 ft., at Harris Avenue and Hancock Street, Long Island City, to cost \$60,000.

POUGHKEEPSIE, N. Y.—The Poughkeepsie Cutlery Works, Poughkeepsie, N. Y., is having plans prepared for a four-story factory addition, 75 x 125 ft., on North Cherry Street. William E. Eppert, Indianapolis, Ind., is president.

UTICA, N. Y.—The Utica Duxbak Corp., 815 Hickory Street, Utica, N. Y., has had plans drawn for a three-story brick and tile mill addition to cost \$20,000. Quentin McAdams is president.

NORTH CAROLINA

RUTHERFORD COLLEGE, N. C.—Griffin Bros. were awarded contract to construct dormitory for the Methodist Episcopal Church, 90 x 40 ft., at approximately \$26,000.

NORTH DAKOTA

FORT TOTTEN INDIAN SCHOOL, N. D.—Industrial Heating & Engineering Co., Milwaukee, Wis., will erect steam heating plant, at \$11,588.

OHIO

CINCINNATI, OHIO.—Jacob Weber was awarded the contract for constructing two additions to the warehouse and factory of the Norwood Sash & Door Co., North Avenue, Norwood, the factory addition being 100 x 120 ft. and the storage section 100 x 240 ft., frame construction, at a cost of about \$20,000.

CLEVELAND, OHIO.—The Aluminum Castings Co., Harvard Avenue, Cleveland, is taking bids for a three-story addition to its Buffalo plant, 1850 Elmwood Avenue, 35 x 50 ft., to cost \$10,000. R. C. Adams is manager.

CLEVELAND, OHIO.—The Cleveland Worsted Mills Co., 6730 Broadway, S. E., has had plans prepared by G. S. Rider & Co., Architect, 512 Century Building, for a three-story, 63 x 164 ft., addition to its plant. Estimated cost, \$78,000.

CLEVELAND, OHIO.—Dill Mfg. Co., 684 East Eighty-second Street, plans to build one-story, 50 x 150 ft., reinforced concrete, brick and steel factory, concrete floors, at 604 East Eighty-second Street. \$50,000.

CLEVELAND, OHIO.—Fulton Foundry & Machine Co., 1209 Marquette Road, plans to build one-story, 100 x 150 ft., reinforced concrete and brick factory. \$50,000.

CLEVELAND, OHIO.—Ohio Chemical Co., 1177 Marquette Street, plans to build one-story, 60 x 130 ft., reinforced concrete, brick and steel factory. \$50,000.

CLEVELAND, OHIO.—Cleveland Furnace Co., Clark Avenue, awarded contract for building one-story, 40 x 170 ft., brick, steel and corrugated iron machine shop to American Bridge Co., Frick Building, Pittsburgh, Pa. \$40,000.

CLEVELAND, OHIO.—National Acme Co., 7500 Stanton Avenue, has given contract for building one-story, 120 x 300 ft., reinforced concrete, brick and steel factory to Hunkin-Conkey Co., Century Building. \$15,000.

CLEVELAND, OHIO.—Aluminum Castings Co., 6210 Carnegie Avenue, let contract for building one-story, 52 x 98 ft., concrete and brick factory at 2800 Harvard Avenue to C. N. Griffin Co., 3111 Carnegie Avenue. \$25,000.

DAYTON, OHIO.—Price Bros., 45 Davies Building, is having plans prepared for the erection of a plant for the manufacture of concrete blocks.

DAYTON, OHIO.—National Cash Register Co., Main and K Streets, let contract to build one-story, 150 x 540 ft., reinforced concrete, brick and steel warehouse to Ferguson Co., 6523 Euclid Avenue, Cleveland. \$200,000.

ELYRIA, OHIO.—Duplex Mfg. Co., West River Street, will build two-story, 40 x 100 ft., concrete and brick foundry. \$40,000.

LIMA, OHIO.—Gramm-Bernstein Co., Cleveland, let contract for building one-story reinforced concrete, brick and steel factory here to Austin Co., 16112 Euclid Avenue, Cleveland. \$50,000.

PARMA, OHIO, (Cleveland P. O.)—Swift & Co., 3240 West Sixty-fifth Street, Cleveland, is having plans prepared for the erection of a two-story, 50 x 75 ft., fertilizer factory here. Estimated cost, \$25,000.

OREGON

PORTLAND, ORE.—The Oregon-Washington Railroad & Navigation Co., Portland, will erect a plate shop at the foot of Meade Street to cost about \$67,000.

PENNSYLVANIA

OAKMONT, PA.—Edgewater Steel Co. awarded contract for building one-story, 100 x 125 ft., reinforced concrete, brick and steel factory to Austin Co., 16112 Euclid Avenue, Cleveland, Ohio. \$60,000.

PHILADELPHIA, PA.—The William Cramp & Sons Ship & Engine Building Co., Beach and Ball Streets, Philadelphia, has awarded a contract to Fred A. Havens & Co., 845 North Nineteenth Street, for a two-story forge and blacksmith shop at its shipbuilding plant to cost about \$30,000.

PHILADELPHIA, PA.—The Keystone Lubricating Co., Twenty-first and Clearfield Streets, Philadelphia, has acquired property, 20 x 225 ft., adjoining its plant at Twenty-second and Clearfield Streets, and will probably build.

PHILADELPHIA, PA.—The Tacony Ordnance Co., Tacony, Philadelphia, has broken ground for its proposed additional machine shop, one story, 72 x 128 ft., to cost \$50,000.

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PHILADELPHIA, PA.—The railroad shops and buildings now being constructed by the Pennsylvania Railroad, Philadelphia, at its South Philadelphia yards, near Greenwich Point, are estimated to cost, with equipment, about \$1,000,000. Six buildings will be erected for general capacity increase. The new engine house, machine shop, general shops, power house and other structures to be erected by the company at Marietta, Pa., will cost about \$500,000.

TULLYTOWN, PA.—The Du Pont Engineering Co. has leased a plant, including 7 acres of land, at Tullytown, Pa., near Trenton, for a new manufacturing work.

RHODE ISLAND

HILLSGROVE, R. I.—The Rhode Island Malleable Iron Works plans to build a two-story pattern storage building in addition to a 100 x 200 ft. foundry to replace the portion of its plant which was recently damaged by fire.

TEXAS

BURKBURNETT, TEX.—W. B. Welty, Cushing, Okla., plans to build 2000-bbl. oil refinery here.

DALLAS, TEX.—Bank—Federal Reserve Bank of Dallas, Commerce and Martin streets, had preliminary plans prepared by Graham, Anderson, Probst and Shite, Architects, Railway Exchange Building, Chicago, Ill., for five-story, reinforced concrete. L. P. Talley, cashier. \$500,000.

SAN ANTONIO, TEX.—San Antonio Drug Co., 232 West Commerce Street, awarded contract for building reinforced concrete and brick warehouse, on Market Street, to Wright & Sanders, Alamo Building. \$225,000.

VIRGINIA

BELLEVUE, VA.—Geo. F. Pawling & Co., 1432 S. Penn Square, Philadelphia, Pa., were low bidders for constructing seven ordnance store houses and central heating plant, 4 buildings 60 x 222 ft., 2 buildings 60 x 202 ft., one building 48 x 50 ft., hollow tile, steel and reinforced concrete, at \$433,210.

ELKINS, VA.—Price Construction Co., Maryland Tr. Building, Baltimore, was awarded contract for constructing railway shops for the Western Maryland R. R. Co., at approximately \$500,000.

HAMPTON ROADS, VA.—R. R. Richardson & Co., Bank of Commerce Building, Norfolk, Va., will construct grand stand and bleachers at the naval operating base here at \$72,367.

NEWPORT NEWS, VA.—Harwood & Moss received contract for constructing barracks and other buildings at Newport News and Norfolk, at approximately \$120,000.

NEWPORT NEWS, VA.—Chesapeake R. R., First National Bank Building, Richmond, let contract for building one-story, 100 x 160 ft., reinforced concrete, brick and steel machine shop here to Austin Co., 16112 Euclid Avenue, Cleveland. \$50,000.

NORFOLK, VA.—Nichols & Lindeman, 525 Seaboard Bank Building, will construct radio operating building and cottage at the navy yard at \$56,291.

YORKTOWN, VA.—Boyle-Robertson Construction Co., Evans Building, Washington, D. C., will construct nine buildings and conveyor trestles at the naval mine depot here, at \$278,068.

WASHINGTON

ANACORTES, WASH.—The Morrison Mill Co. plans to improve its plant and install new machinery. Estimated cost, \$75,000.

SEATTLE, WASH.—A. W. Quist & Co., Hoge Building, will construct four large base hospitals and infirmary and dock at four of the Puget Sound Forts. The largest improvement is located at Seattle and involves the construction of a one-story, 40 x 80 ft., base hospital and infirmary building, together with a large dock for the use of the U. S. Engineering division. Three of the hospitals will be one story high and one will be two stories high. The contract approximates \$250,000.

TACOMA, WASH.—P. C. Walesby, 1883 Dock Street, was awarded contract for constructing a machine shop at the plant of the Colby Steel & Engineering Co. This is the first unit of an improvement which is to cost \$50,000.

TACOMA, WASH.—Hurley-Mason Co., Perkins Building, received contract for constructing seventeen residences for shipyard workers of the Todd Shipbuilding & Drydock Co., at approximately \$45,000.

WEST VIRGINIA

HUNTINGTON, W. VA.—S. W. Harrer, this city, was awarded contract for constructing three-story, 30 x 100 ft., hospital building for the C. & O. Ry., at approximately \$50,000.

KEYSER, W. VA.—The Klots Throwing Co. plans to repair its silk-throwing mill which was recently damaged by fire. Loss \$40,000.

WISCONSIN

BARTON, WIS.—Johnson & Drake, 905 Plymouth Building, have contract for constructing factory addition in Washington County for the Woodford Engineering Co., two-stories 120 x 140 ft.

HARTFORD, WIS.—Thorn Bros., this city, have been awarded contract for constructing two-story factory unit for the International Steel Products Co., 932 First National Bank Building, Milwaukee, at approximately \$35,000.

MILWAUKEE, WIS.—The Industrial Controller Co., 866 Greenbush Street, Milwaukee, manufacturer of electric controlling devices, has engaged Henry C. Hengels, Architect, First National Bank Building, to prepare plans for a brick and mill shop addition, 30 x 90 ft., costing about \$15,000. Charles G. Welch is president.

OSCEOLA, WIS.—Osceola Milling Co. gives contract for building four-story, 30 x 87 ft., addition to plant to Millford Mfg. Co., 303 South Third Street, Minneapolis, Minn.

PHILLIPS, WIS.—Tomlinson & Egan, Ashland, Wis., have contract for constructing church building at approximately \$30,000.

RACINE, WIS.—City authorized Board of Education to purchase site on Twelfth Street and Washington Park and build school. Cost between \$700,000 and \$800,000.

WYOMING

MANVILLE, WYO.—Town granted franchise to J. E. Gallivan, A. B. Gifford, H. G. Twiford and W. W. Austin, Manville, to build and operate municipal electric system here.



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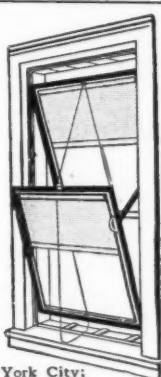
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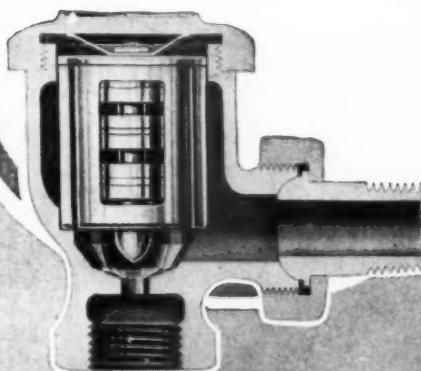
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BUILDING NEWS

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

ALABAMA

BIRMINGHAM, ALA.—The Southern Sewer Pipe Co., Twenty-eighth Avenue, is considering the reconstruction of its machine shop, which was recently destroyed by fire with a loss of about \$20,000.

ENSLEY, ALA.—Ellis Jewelry Co. will remodel old bank building for store, install beveled mirrors, plate-glass display window, electric fixtures of cut glass, woodwork of mahogany finish, etc. Cost, \$10,000.

MOBILE, ALA.—Mobile Shipbuilding Co. plans to erect 200 or more houses for shipyard workers.

ARKANSAS

FORT SMITH, ARK.—Mrs. E. T. Echols will probably rebuild business building occupied by W. J. Echols Wholesale Grocery Co., damaged by fire at estimated loss of \$75,000.

TEXARKANA, ARK.—Rev. P. T. Ramsey, pastor of State Line Methodist Church, is interested in erection of auditorium adjoining church for religious and civic purposes. Plans also include public natatorium and various civic apartments. Estimated cost \$50,000.

CALIFORNIA

OAKLAND, CAL.—The American Manganese Steel Co., 1433 California Street, plans to build a foundry. Estimated cost \$500,000. Address J. W. Plant.

SAN DIEGO, CAL.—The John Roberts Co. awarded contract for constructing for Camp Kearny mess hall, stables, warehouses, hospital building and officers' quarters. The work requires an outlay of approximately \$1,000,000.

CONNECTICUT

DURHAM, CONN.—The Merriam Manufacturing Co., manufacturer of tin boxes, plans to rebuild its factory which was recently destroyed by fire. Estimated cost \$40,000.

HARTFORD, CONN.—The Bennett Metal Treating Co., New Britain Avenue, Elmwood, has awarded the contract for the erection of a two-story, 36 x 70 ft., machine shop. Estimated cost \$15,000.

NEW HAVEN, CONN.—The North & Judd Manufacturing Co., Stanley and East Main Streets, has had plans prepared by M. L. Unkelbach, Architect, for the erection of a new garage.

NEW HAVEN, CONN.—The New England Wire Machine Co., Stiles Street, has awarded the contract for altering and improving its plant.

NEW HAVEN, CONN.—The New York, New Haven & Hartford R. R. has awarded the contract for the erection of a one-story, 422 x 126 ft., locomotive repair shop here. Estimated cost \$12,000. E. Gagle, New Haven, chief engineer.

NEW LONDON, CONN.—Hamilton & Chambers Co., 29 Broadway, New York, will construct a foundry, a sheet metal shop, a smith and brig at the submarine base here at \$93,159.

DELAWARE

NEWCASTLE, DEL.—The American Manganese Steel Co. has awarded the contract for the erection of a one-story, 50 x 50 ft., addition to its factory.

WILMINGTON, DEL.—The American Car & Foundry Co., foot of East Eighth Street, plans to build a machine shop. Estimated cost \$30,000.

DISTRICT OF COLUMBIA

BELLEVUE, D. C.—Geo. F. Pawling Co., South Penn Square, Philadelphia, Pa., awarded contract for constructing seven storehouses and one central heating plant at \$433,210.

WASHINGTON, D. C.—Turner Construction Co., Twenty-Third and B Streets, N. W., this city, awarded contract for constructing Emergency Hospital at approximately \$300,000.

WASHINGTON, D. C.—A. C. Moses Construction Co., 916 New York Avenue, N. W., Washington, D. C., will extend and remodel Butler Building at \$24,715.

FLORIDA

CUTLER, FLA.—The War Department will construct two additional units at the Army Aero Station, Aero Gunnery School, for which it has appropriated \$650,000.

JACKSONVILLE, FLA.—A large laundry building will be constructed at Camp Johnston, which, with the equipment, will cost approximately \$250,000.

KEY WEST, FLA.—South Florida Contracting & Engineering Co., this city, was awarded contract for constructing four additional buildings at the naval air station at approximately \$80,000.

MIAMI, FLA.—The War Department has authorized the enlargement of the Aerial Gunnery School here, for which it has appropriated \$660,000.

MIAMI, FLA.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of extension to motor test stand, at an estimated cost of \$46,000.

MIAMI, FLA.—H. F. Friestedt, 327 S. La Salle Street, Chicago, Ill., will construct oil storage and reclaiming buildings and septic tank at the naval air station here at \$33,816.

PENSACOLA, FLA.—H. F. Friestedt Co., Chicago, Ill., received contract for constructing addition to naval air station at \$31,366.

PENSACOLA, FLA.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., contemplates construction of a boat shed here to cost about \$60,000. Specification 3472.

SANTA ROSA, FLA.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct mess hall, barracks and other buildings here, to cost approximately \$85,000. Specification 3490.

GEORGIA

CAMP FORREST, GA.—The War Department, Washington, D. C., will construct warehouse addition here to cost approximately \$37,500.

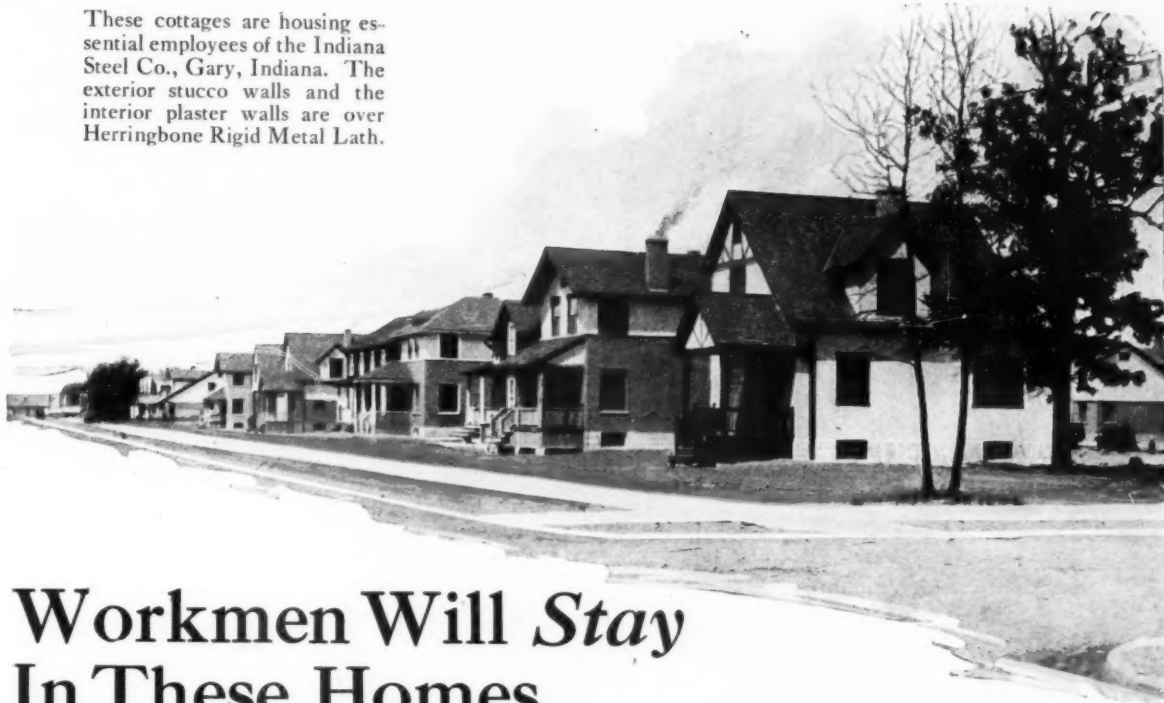
CAMP GORDON, GA.—Salvation Army will erect hut near remount depot, forty rooms, cafeteria, rest and reading rooms. Cost about \$40,000.

CAMP WHEELER, GA.—The War Department will enlarge the cantonment, constructing a number of warehouses and other structures.

COLUMBUS, GA.—The Construction Division of the War Department, Washington, is contemplating the construction of various buildings at the musketry school to cost approximately \$100,000.

FORT MCPHERSON, GA.—Gude-Krebs Co., Atlanta, Ga., was awarded contract for constructing hospital building at approximately \$500,000.

These cottages are housing essential employees of the Indiana Steel Co., Gary, Indiana. The exterior stucco walls and the interior plaster walls are over Herringbone Rigid Metal Lath.



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Our well-organized system of branch offices in all principal centers assures prompt shipment of Herringbone Lath. Having set the highest standards of swift, economical and permanent building materials for many years, we are now fully equipped to give valuable service in the vital problem of housing industrial workmen right.

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IDAHO

LEWISTON, IDAHO.—Prominent stockmen and farmers in Idaho County are contemplating the construction of a packing plant, with an ultra investment of \$2,000,000. Seth Jones of this city is interested in the project.

ILLINOIS

CAMP GRANT, ILL.—The War Department has authorized an expenditure of \$7,500,000 for enlarging Camp Grant.

CHICAGO, ILL.—Wilson & Co., Union Stock Yards, plans to build a two-story, 108 x 450 ft., addition to its packing plant. Estimated cost \$150,000. C. P. Barnett, Architect.

GREAT LAKES, ILL.—Henry Schrik Co., 3722 W. Chicago Avenue, Chicago, Ill., will construct six swimming schools at the naval training station here at \$136,333.

HOEFER, ILL.—The Hoefer Manufacturing Co., manufacturer of drilling specialties, is having plans prepared for the erection of a one-story, 60 x 80 ft., addition to its plant on Chicago Street. Estimated cost \$15,000.

INDIANA

ANGOLA, IND.—The Swenson Evaporator Co., 53 West Jackson Boulevard, Chicago, Ill., plans to build a one-story, 40 x 100 ft., factory here. Estimated cost, including equipment, \$100,000. M. De Burs, president.

NORTH MARION (MARION, P. O.), IND.—The Decatur Straw Board Co. has awarded the contract for the erection of a one-story, 132 x 252 ft., addition to its factory. Estimated cost \$45,000.

IOWA

CAMP DODGE, IOWA.—The War Department has authorized the expenditure of \$2,835,210 for enlarging Camp Dodge.

IOWA CITY, IOWA.—New barracks are to be constructed at the State University for the accommodation of 1000 student soldiers. Total estimated cost \$100,000.

NEWTON, IOWA.—The Parson Manufacturing Co., manufacturer of ditching machines, has awarded the contract for the erection of a one-story, 100 x 180 ft., factory. Estimated cost \$60,000.

KENTUCKY

LOUISVILLE, KY.—Construction Division, War Department, Washington, will build school to consist of quarters, barracks, administration office, classrooms and motor school. Cost about \$182,233.

MARYLAND

CAMP HOLABIRD, MD.—The War Department authorized the construction division to proceed with additions costing \$5,502,271 to Camp Holabird, Camp Bragg, N. C., Camp Sherman, Ohio, and Camp Knox, Ky.

CAMP MEADE, MD.—The War Department authorized the construction of a new administration building, two-story addition, to camp infirmaries here. Estimated cost \$55,700.

CLEAR SPRING, MD.—The War Department, Washington, D. C., contemplates construction of additional buildings at the proving grounds to cost approximately \$60,000.

COLLEGE PARK, MD.—Maryland State College of Agriculture is contemplating expending \$48,000 for improvements, to include \$25,000 for water system and \$8,000 for building 40 x 100 ft. dormitory and dining quarters for 500 students. A. F. Woods, president.

HIGHLANDTOWN (BALTIMORE P. O.), MD.—The Continental Can Co., Inc., 1002 Keyser Building, Baltimore, has awarded the contract for the erection of a two-story addition to its plant here on First Avenue and Clinton Street. Estimated cost \$10,000.

PORT COVINGTON, MD.—The War Department, Washington, D. C., is contemplating the construction of supply warehouses and barracks here. Total estimated cost \$12,000,000.

ST. HELENA, MD.—Plans are being prepared for the construction of a school building for the Baltimore County School Commissioners, Towson, Md., and United States Shipping Board, to be a three-story brick construction and cost approximately \$300,000. Smith & May, Architects, Calvert Building.

MASSACHUSETTS

BOSTON, MASS.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., has awarded the contract for extensions and alterations to machine shop building No. 42. Estimated cost \$617,122.

SOMERVILLE, MASS.—The American Woolen Co., 245 State Street, Boston, contemplates the construction of a four-story, 100 x 270 ft., mill on Boston Avenue and Boulevard. Total estimated cost \$200,000.

MICHIGAN

CAMP CUSTER, MICH.—The War Department has appropriated \$4,815,000 for extending Camp Custer.

GRAND RAPIDS, MICH.—The War Department, Washington, authorized the construction of a sulphuric acid contract plant here to cost approximately \$1,500,000.

FLINT, MICH.—The Champion Ignition Co. has awarded the contract for the erection of a three-story addition to its plant. Estimated cost \$30,000.

HAMTRAMCK, MICH.—The Michigan Smelting & Refining Co., Joseph Campau Avenue, has awarded the contract for the erection of a one-story, 62 x 204 ft., machine shop. Estimated cost \$25,000.

LANSING, MICH.—The Gier Pressed Steel Co. plans to build a one-story, 98 x 200 ft., foundry. Estimated cost \$75,000. G. Gier, general manager.

PONTIAC, MICH.—The Wilson Foundry & Machine Co. plans to build a 100 x 400 ft. addition to its plant. Estimated cost \$10,000.

PORTLAND, MICH.—Board of Education is having plans prepared by T. E. White, Architect, 312 City National Bank Building, Lansing, for a two-story, 74 x 140 ft., brick and reinforced concrete school.

MINNESOTA

DULUTH, MINN.—The Minnesota Steel Co., Gary Street, plans to build a steel plant. Estimated cost \$15,000,000. G. L. Price, vice-president.

IRONTON, MINN.—Plans are being prepared for the construction of the Lenroot School. The building will be fireproof construction, brick, tile and reinforced concrete. Total estimated cost \$85,000. Croft & Berner, Architects, Duluth, Minn.

LEWISTON, MINN.—Plans are being made for alterations and additions to high school building and bids will soon be received. Two-story and basement, 50 x 61 ft. Total cost \$40,000. Geo. J. Hoffman & Co., Rochester, Minn., Architect.

MANKATO, MINN.—The construction of a two-story and basement, 68 x 163 ft., grade school building to cost \$130,000 is planned by Geo. Pass & Son, Ekle Building, Architects. Tweed & Kerr Co., Metropolitan Bank Building, engineers.

MINNEAPOLIS, MINN.—H. E. Pence and A. D. Walker are contemplating the construction of an eight-story building, 195 x 240 ft., on Eighth Street and Hennepin Avenue. Total estimated cost \$1,250,000.

ST. PAUL, MINN.—Thornton Bros. Co., Marshall Avenue, is contemplating the construction of a factory and warehouse to cost approximately \$75,000.

MISSOURI

ST. JOSEPH, MO.—Swift & Co., Union Stock Yards, Chicago, plans to build a one-story, 54 x 120 ft., garage here. Estimated cost \$20,000.

ST. LOUIS, MO.—The United States Army will construct a 1000-bed hospital for the care of wounded soldiers at the city infirmary. L. H. Lewis, Constructional Division of the Army.

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NEW JERSEY

BOONTON, N. J.—The Radium Luminous Material Corporation plans to build a new addition to its plant.

ELIZABETH, N. J.—Elizabeth General Hospital, East Jersey Street, is having plans prepared by Crow, Lewis & Wickenhoefer, Architects, 200 Fifth Avenue, New York City, for six-story, 32 x 75 ft. and 40 x 200 ft., reinforced concrete, steel and brick building. About \$500,000.

GARWOOD, N. J.—The National Boiler Co., South Avenue, has had plans prepared by Hooper & Co., Architects, 116 Market Street, Newark, for the erection of a one-story, 100 x 105 ft., foundry addition to its plant.

HOBOKEN, N. J.—Fire recently destroyed a portion of the plant of the F. J. Rooney Lamp Co., Willow Avenue and Thirteenth Street. Loss, \$10,000.

HOBOKEN, N. J.—The War Department authorized the construction of alterations of the Government buildings and railroad yards. Estimated cost \$178,915.

METUCHEN, N. J.—The War Department authorized alteration and construction of a two-story building at Rariden Arsenal here. Total estimated cost \$76,800.

NEWARK, N. J.—The Rubber & Celluloid Products Co., 56 Ferry Street, is having plans prepared for a one and two-story, 42 x 390 ft., factory to be erected on Wilson Avenue, to replace the plant which was recently destroyed by fire. Estimated cost \$50,000. A. Albright, president.

NEW YORK

BROOKLYN, N. Y.—The Lion Match Co., 91 Grand Street, New York City, has leased a site here at 1574-76 Pacific Street and plans to build plant.

BROOKLYN, N. Y.—The Atlantic Basin Iron Works, Summit Street, manufacturer of machinery, has awarded the contract for a two-story, 62 x 210 ft., forge shop, to be erected on Imlay and Bowne Streets. Estimated cost \$30,000.

BUFFALO, N. Y.—The Buffalo Dry Dock Co., Ganson Street, has had plans prepared by C. C. Hauck, Architect, for a two-story, 70 x 150 ft., addition to its punch shop. Estimated cost \$20,000.

GLOVERSVILLE, N. Y.—The Hudson Woodenware Co. is considering plans for the erection of a new plant.

HEMPSTEAD, N. Y.—Syndicate headed by M. F. Bramley, Arcade, Cleveland, Ohio, has purchased a 33-acre site here and plans to build a factory for the manufacture of aeroplanes.

JAMESTOWN, N. Y.—The T. J. Clark Paper Box & Label Co. has had plans prepared for the erection of a 22-story, 40 x 50 ft., addition to its plant.

NEWBURGH, N. Y.—Hobart A. Walker, 60 Carleton Street, East Orange, N. J., has been selected by the United States Shipping Board as Supervising Architect for the construction of 200 dwellings and 12 apartment houses for ship workers' homes.

NEW YORK, N. Y.—Brewster & Co., Bridge Plaza and Prospect Street, Long Island City, is altering its five-story automobile manufacturing plant. Estimated cost \$35,000.

NEW YORK, N. Y.—The Metal Disintegrating Co., 3 South William Street, is having plans prepared for the erection of four two-story, 200 x 400 ft., factory buildings to replace those recently destroyed by fire.

NEW YORK, N. Y.—The Empire Art Metal Co., College Point, is having preliminary plans prepared for the erection of a two-story addition to its plant. Address A. C. Tonnell.

NEW YORK, N. Y.—W. H. Gahagen, 147 Remsen Street, Brooklyn, proposes erecting factory on Somerville Harbor and Jamaica Bay, Long Island City. Estimated cost between \$15,000 and \$20,000.

NEW YORK, N. Y.—The Brenack Stevedoring Co., 50 Thirteenth Street, has had plans prepared by T. Bennett, Architect, 7824 Fifth Avenue, New York City, for

the erection of a 200 x 237 ft. factory for the manufacture of boxes. Estimated cost \$30,000.

NEW YORK, N. Y.—The Milliken Bros. Manufacturing Co., Woolworth Building, has purchased the plant of J. H. Young Stone Co. and site adjoining on 136th Street and East River, for the establishment of a galvanizing plant. Estimated cost \$25,000. J. E. Jennings, vice-president.

OGDENSBURG, N. Y.—North Country Shipbuilding Corp. is planning the construction of a shipbuilding plant. Total estimated cost \$150,000.

OTISVILLE, N. Y.—The War Department authorized the construction of additions to the tuberculosis hospital here. Total estimated cost \$312,579.

WATERVLIET, N. Y.—Plans are being prepared and bids will soon be received for the construction of 60 homes for employees at the Watervliet Arsenal to be erected at Thompson and Quedar Park. Work will also be started on the construction of a new Government hotel which will accommodate 300 men.

NORTH CAROLINA

ASHEVILLE, N. C.—Plans for the enlargement of general hospital No. 12, located at Kenilworth, have been approved by the War Department. Additional barracks near the main building will be built, a new mess hall constructed and one of the long verandas of the inn will be inclosed for use as a sun parlor. The cost of the proposed addition has not yet been announced.

OHIO

AKRON, OHIO.—Summit County will build a one-story, 60 x 90 ft., garage. Estimated cost \$15,000.

CINCINNATI, OHIO.—Cincinnati Zoological Gardens, Vine Street, proposes building one and two-story, 78 x 100 ft., concrete building for casino and restaurant, connected by 104-ft. arcade. Elzner & Anderson, Citizens National Bank Building, Architects.

CINCINNATI, OHIO.—Procter & Collier, Commercial Tribune Building, are having plans prepared for three two-story, 100 x 140 ft., concrete and brick advertising agency offices and printing plant on McMillan Street. About \$125,000. Elzner & Anderson, Citizens Bank Building, Architects.

CLEVELAND, OHIO.—The Aluminum Castings Co., 6210 Carnegie Avenue, has awarded the contract for a one-story, 52 x 98 ft., aluminum castings factory to be erected at 2800 Harvard Avenue. Estimated cost \$25,000.

CLEVELAND, OHIO.—The Cleveland Furnace Co., Clark Avenue, has awarded the contract for the erection of a one-story, 40 x 110 ft., machine shop. Estimated cost \$40,000.

CLEVELAND, OHIO.—The Fulton Foundry & Machine Co., 1209 Marquette Road, plans to build a one-story, 100 x 150 ft., factory. Estimated cost \$50,000.

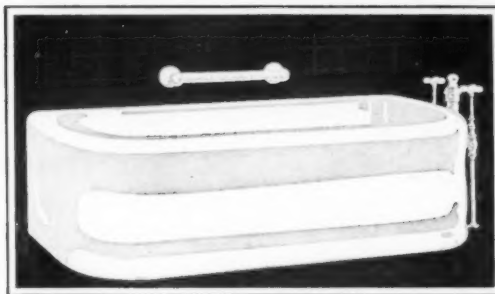
CLEVELAND, OHIO.—The National Acme Co., 7500 Stanton Avenue, has awarded the contract for the erection of a one-story, 120 x 300 ft., factory. Estimated cost \$150,000.

CLEVELAND, OHIO.—Bids will be received in spring for the construction of a three-story, 70 x 135 ft., brick and steel or reinforced concrete factory on Hamilton Avenue for the McClellan File Co., 2344 Hamilton Avenue. Total estimated cost \$125,000. Briggs & Nelson, 669 Rose Building, Architects.

CLEVELAND, OHIO.—The Ohio Chemical Manufacturing Co., 1177 Marquette Road, plans to build a one-story, 60 x 130 ft., factory. Estimated cost \$50,000.

COLUMBUS, OHIO.—The Crystal Ice Co., 397 West Broad Street, has awarded the contract for the erection of a one-story, 90 x 131 ft., ice plant. Estimated cost \$57,000.

COLUMBUS, OHIO.—The Chase Foundry & Manufacturing Co., Parsons Avenue and Hocking Valley Ry., has awarded the contract for the erection of a one-story foundry and woodworking shop. Estimated cost \$25,000.



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ELYRIA, OHIO.—The Duplex Manufacturing Co., West River Street, will build a two-story, 40 x 100 ft., foundry. Estimated cost \$40,000.

LIMA, OHIO.—The Garford Motor Truck Co., east of Wapak Road, plans to build a 100 x 500 ft. addition to its plant. Estimated cost \$300,000.

NORWOOD, OHIO.—The Norwood Sash & Door Co. has awarded the contract for the erection of two one-story, 100 x 120 ft. and 100 x 240 ft., additions to its plant.

WILLOUGHBY, OHIO.—The War Department authorized the construction of thirteen barracks, medical buildings, storage houses and administration building for the chemical warfare service here. Estimated \$167,670.

OKLAHOMA

FORT SILL, OKLA.—The War Department authorized the construction of additions to buildings here to cost approximately \$140,000.

TULSA, OKLA.—The Oil Well Supply Co., First and Elwood Streets, plans to build two one-story factories. Estimated cost \$75,000.

OREGON

PORTLAND, ORE.—The Oregon-Washington R. R. & Navigation Co., Wells-Fargo Building, plans to build a plate shop on Meade Street. Estimated cost \$67,000. S. Murray, Portland, chief engineer.

PENNSYLVANIA

BETHLEHEM, PA.—The citizens voted favorably on the school bond issue and the school district will now issue bonds amounting to \$866,000, for the construction of several new public school buildings and purchase of land.

CHESTER, PA.—Fire recently destroyed a portion of the plant of the Chester Steel Casting Co., Seventh and Broomall Streets. Loss between \$10,000 and \$15,000.

CLEONA, PA.—Fire recently destroyed the fiber broom manufacturing plant of I. C. Imboden. Loss, \$20,000.

HARRISBURG, PA.—Plans and specifications will be prepared for the completion of four armories, being the Cavalry Armory in Philadelphia, Emerson Street Armory in Philadelphia, drill shed for the Tyrone Cavalry and administration building for Reading Armory. The State Army Board directed that plans be prepared.

PHILADELPHIA, PA.—Bids will soon be received for the construction of a one-story, 125 x 150 ft., brick factory on Seventy-first Street and Kingsessing Avenue, for the McFarland-Meade Co. Total estimated cost \$35,000. P. Essick, 1345 Arch Street, Architect.

SOUTH CAROLINA

GREENVILLE, S. C.—The War Department, Washington, D. C., has authorized that four additional administration buildings will be constructed at Camp Sevier at a cost of \$15,000.

SOUTH DAKOTA

SIoux FALLS, S. D.—Citizens voted bond issue of \$300,000 for enlarging the present municipal power plant into a property with sufficient equipment and capacity to provide the city with light and power.

TENNESSEE

KINGSPORT, TENN.—The Federal Dye & Chemical Co. plans to rebuild its chloride distilling plant, which was recently destroyed by fire. Loss, \$30,000.

NASHVILLE, TENN.—E. I. du Pont de Nemours & Co. will probably rebuild Central High School at Jacksonville, which was damaged by fire at loss of \$75,000 to \$100,000. Buildings under construction by Mason & Hanger Co., 52 Vanderbilt Avenue, New York, under supervision of the Government.

TEXAS

BROWNWOOD, TEX.—D. Smith plans to build a one-story, 100 x 120 ft., garage. Estimated cost \$17,000.

FORT WORTH, TEX.—War Department, Washington, will construct motor transport school at Camp Bowie. Plans include mess hall, barracks, lecture rooms, quarters for officers, etc. Cost of buildings and equipment \$1,500,000.

FORT WORTH, TEX.—Plans are being prepared for the construction of an annex to the local post office building for the purpose of enlarging the space. T. H. Ferris, Government Architect.

GALVESTON, TEX.—The War Department authorized the construction of forty-two barracks, storehouses, and medical, mess and administration buildings here to cost \$554,000.

JARRELL, TEX.—Condra Brothers will erect store to replace structure damaged by fire, 25 x 100 ft., brick, gravel roof, concrete floors. Construction after war. Two other buildings will be erected adjoining at same time and probably by same contractor, 25 x 100 ft. and 50 x 100 ft. respectively.

LOUISVILLE, TEX.—The Highway Garage plans to build a one-story garage. Estimated cost \$10,000.

SULPHUR, TEX.—The Hopkins Motor Co. plans to build a one-story, 59 x 137 ft., garage. Estimated cost \$14,000.

VIRGINIA

CAMP LEE, VA.—The War Department, Washington, D. C., will spend approximately \$500,000 for enlarging base hospital, including construction of a number of buildings providing accommodations for approximately 800 additional beds, two-story, concrete and stucco, constructing seven or eight additional barracks and buildings for nurses' quarters.

CHARLOTTESVILLE, VA.—Royal C. Remick will probably rebuild "Hempstead," residence in Green Mountain section of Albemarle County, damaged by fire at loss of \$35,000.

FORT MONROE, VA.—The War Department has authorized expenditure of \$3,210,640 for constructing additional buildings to accommodate coast artillery officers, etc., including the construction of twenty-one classroom buildings, twenty-three barracks and one-story wireless training school.

HAMPTON ROADS, VA.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., will construct medical storage building here to cost \$40,000 and also electric distribution station costing approximately \$50,000.

HAMPTON ROADS, VA.—Plans are being prepared for coal and ash handling equipment for the Bureau of Yards and Docks, Washington, D. C. Total estimated cost \$60,000.

NORFOLK, VA.—Bureau of Yards and Docks, Navy Department, Washington, D. C., is planning for the construction of a galvanizing plant and oxy-acetylene plant at the navy yard here.

NORFOLK, VA.—North Shore Improvement Co., 25 N. Dearborn Street, Chicago, will erect 100 buildings in West Ghent sub-division for residence and apartment houses, brick construction. Cost, \$1,100,000.

WASHINGTON

CENTRALIA, WASH.—The Central Hospital Association will construct a hospital at H and First Streets, at an estimated cost of \$25,000.

SEATTLE, WASH.—The Seattle Engineering School will construct a three-story brick building, between Roy and Mercer Streets, at an estimated cost of \$120,000. Sherwood D. Ford, Architect.

SEATTLE, WASH.—Plans are nearing completion and bids will soon be received for the construction of a three-story mill-construction hospital with brick walls for Dr. John W. Wilkins, at Sixteenth Avenue and John Street. J. R. Nevins, 1708 Hoge Building, Architect.



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 STEEL CEILINGS-ROOFING-SIDING AND OTHER PRESSED STEEL PRODUCTS**

SEATTLE, WASH.—Plans have been completed for the construction of the Seattle Engineering School Building on Queen Anne Avenue, between Roy and Mercer Streets. To be brick construction, three stories, 250 x 120 ft. Total estimated cost \$120,000. Sherwood D. Ford, Lyon Building, Architect.

WEST VIRGINIA

PARKERSBURG, W. VA.—City is having plans prepared by S. Hannaford Sons Co., Architects, Sixth and Vine Streets, Cincinnati, Ohio, for remodeling home and building wing. About \$50,000.

TRIADELPHIA, W. VA.—Board of Education, Ohio County, Wheeling, voted \$114,000 bonds to build, complete, enlarge, etc., following schools: Triadelphia School, \$40,000; Elm Grove, \$60,000; Park View, \$14,000.

WISCONSIN

BARTON, WIS.—The Woodford Engineering Co., manufacturer of electric hoists, conveyors, etc., is building a two-story, 40 x 120 ft., addition to its plant. Estimated cost \$25,000.

BENTON, WIS.—The Construction Division, War Department, Washington, D. C., has awarded the contract for the erection of two sulphuric acid plants. Estimated cost \$500,000 and \$750,000.

DE PERE, WIS.—The De Pere Manufacturing Co., manufacturer and erector of boilers and structural material, has awarded the contract for the erection of a one-story, 90 x 100 ft., addition to its plant.

MILWAUKEE, WIS.—The War Industries Board has approved three building projects for the Stratton-Ladish Co., as follows: \$60,000 warehouse, \$40,000 addition to the seed plant and \$11,000 office building.

MILWAUKEE, WIS.—The Industrial Controller Co., 866 Greenbush Street, manufacturer of electric controlling devices, is having plans prepared by H. C. Hengels, Architect, First National Bank Building, for a 30 x 90 ft. shop addition to its plant. Estimated cost \$15,000. C. G. Welch, president.

PLAIN, WIS.—St. Luke's Catholic Church will rebuild church and three other buildings which were destroyed by a tornado last spring. Total estimated cost \$100,000. H. T. Liebert, Architect, Wausau, Wis.

SHEBOYGAN, WIS.—The Wisconsin Pea Cannery Co. plans to enlarge its plant. Estimated cost \$10,000.

SUPERIOR, WIS.—Plans have been prepared for the construction of a two-story, 117 x 155 ft., school building. Estimated cost \$125,000. F. E. Johnson, Wisconsin Building, Architect.

WAUWATOSA, WIS.—The Northwestern Chemical Co., Sixty-first and State Streets, has awarded the contract for a one-story, 48 x 147 ft., factory. Estimated cost \$20,000.



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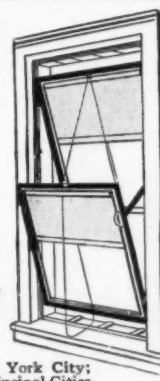
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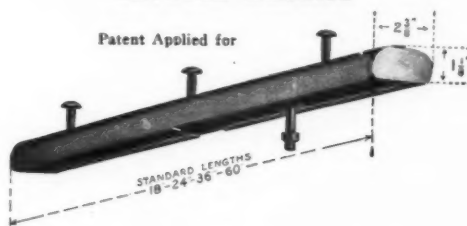
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ALABAMA

CHOCTAW, ALA.—Gulf, Mobile & Northern R. R., 71 Conti Street, Mobile, appropriated \$1,000,000 to build first unit of water-rail terminal developments at Choctaw Point, including four piers. Total cost \$2,000,000. W. F. Owen, manager.

ARIZONA

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

NOGALES, ARIZ.—Women's Missionary Council of Methodist Church South plans to build school. Cost between \$100,000 and \$200,000.

ARKANSAS

COTTER, ARK.—Dixie Power Co. plans to build hydroelectric plant to include dam, 2000 ft. long and 150 ft. high over White River. W. Powell, Cotter, president. \$5,000,000.

HARRISBURG, ARK.—J. E. Hollingsworth & Co., 536 Scimitar Building, Memphis, Tenn., received contract for constructing courthouse, two stories and basement, 72 x 90 ft., reinforced concrete and stone veneer construction, at approximately \$125,000.

CALIFORNIA

FRESNO, CAL.—Hansen Brothers Construction Co., this city, has contract for constructing receiving ward for the Old People's Home at \$6,851, and one-story addition to schoolhouse at the County Orphanage at \$6,134.

NEWPORT BEACH, CAL.—Pope Shipbuilding Corporation plans to build concrete shipbuilding plant. Koebig & Koebig, 841 Title Insurance Building, Los Angeles, engineers.

SACRAMENTO, CAL.—J. M. Henderson, 431 J Street, plans to build eighteen-story bank and office on Seventh and K streets.

SAN DIEGO, CAL.—Additional accommodations at the Coast Defense of San Diego for training seven standard 120-men heavy artillery units will be erected. Accommodations will consist of fifteen barracks and mess halls for enlisted men, a storage house and a medical and administration building. Cost, \$219,795.

CONNECTICUT

BRIDGEPORT, CONN.—City Ice & Coal Co., 1225 Seaview Avenue, let contract for building two-story, 30 x 52 ft., brick and reinforced concrete weigh house, concrete foundation, to T. J. Pardy Construction Co., 15 Fairfield Avenue. \$35,000.

NEW HAVEN, CONN.—I. H. Mulvey, chairman building committee, Knights of Columbus, 26 Chapel Street, soon receives bids for building three-story, 30 x 100 ft., brick and steel clubhouse on Orange Street. R. W. Foote, 185 Church Street, Architect. \$50,000.

NEW LONDON, CONN.—Hamilton & Chambers Co., Inc., 29 Broadway, New York City, has contract for constructing foundry and metal shop at the navy yards here at \$93,159.

NEWINGTON, CONN.—T. F. Garvan & Co., Church Court, Burnside, plans to rebuild paper plant here recently destroyed by fire. \$30,000.

STAMFORD, CONN.—Waterside Mills, Pacific Street, will rebuild brick and timber plant and power house recently destroyed by fire. \$50,000.

DELAWARE

WILMINGTON, DEL.—Wilmington Free Institute is having plans prepared by E. L. Tilton, Architect, 52 Vanderbilt Avenue, New York City, for two-story, 90 x 200 ft., reinforced concrete and marble faced library, concrete foundation. Cost, \$400,000.

DISTRICT OF COLUMBIA

BELLEVUE, D. C.—Geo. F. Pawling & Co., 1432 South Penn Square, Philadelphia, Pa., awarded contract for constructing seven storehouses and central heating plant at the navy yards here at \$433,210.

BROOKLAND, D. C.—C. J. Cassidy Co., Southern Building, Washington, D. C., was awarded contract for constructing drill hall, one story, 60 x 200 ft., for the Catholic University, at approximately \$80,000.

FLORIDA

CUTLER, FLA.—St. Johns Construction Co., Miami, Fla., received contract for constructing two additional units for the armory aero gunnery school here, including the construction of fifty buildings, consisting of eleven hangars, six barracks, six mess halls, hospital, etc. Estimated cost \$650,000.

JACKSONVILLE, FLA.—Armour & Co., 208 South La Salle Street, Chicago, Ill., plans to build two- and three-story, brick addition to present plant on Talleyrand Avenue, here. \$590,000.

MIAMI, FLA.—H. F. Friestedt Co., 327 La Salle Street, Chicago, Ill., will construct oil reclaiming house and septic tank at the navy yard here at a cost of \$33,816.

MIAMI, FLA.—The St. Johns Construction Co., this city, was awarded contract for constructing two additional units for the army aero gunnery school at approximately \$50,000.

PENSACOLA, FLA.—Krahl Construction Co., 350 North Clark Street, Chicago, Ill., was low bidder for constructing a storehouse at the naval air station here at \$49,849.

So. JACKSONVILLE, FLA.—D. B. Thomas was awarded contract for constructing post office building here at \$120,000.

IDAHO

BOISE, IDAHO.—Idaho Packing & Feeding Co. plans to build meat packing plant. \$325,000.

ILLINOIS

CHICAGO, ILL.—Automatic Screw Machine Products Co., 416 West Grand Avenue, plans to build warehouse on West Nineteenth Street and South Fifty-fourth Avenue. \$40,000.

CHICAGO, ILL.—Heights-Armour Fertilizer Works, Union Stock Yards, plans to build fertilizer plant here on State Street and Chicago Heights Terminal Transfer R. R. \$500,000.

CHICAGO, ILL.—Chicago Gear & Mfg. Co., 1330 West Jackson Street, plans to build one-story, 80 x 150 ft., brick and timber factory, concrete foundation, at 2823 Fulton Street. \$35,000.

CHICAGO, ILL.—Packard Motor Co., East Grand Boulevard and Belt Line, plans to build five-story, 100 x 300 ft., steel, brick and concrete service station on Twenty-fourth Street and Prairie Avenue. \$750,000.

CHICAGO, ILL.—D. A. Stuart & Co., 352 East Illinois Street, soon lets contract for building one-story, 100 x 100 ft., brick and timber factory, concrete foundation, on Thirty-first Street and Kedzie Avenue. \$25,000.

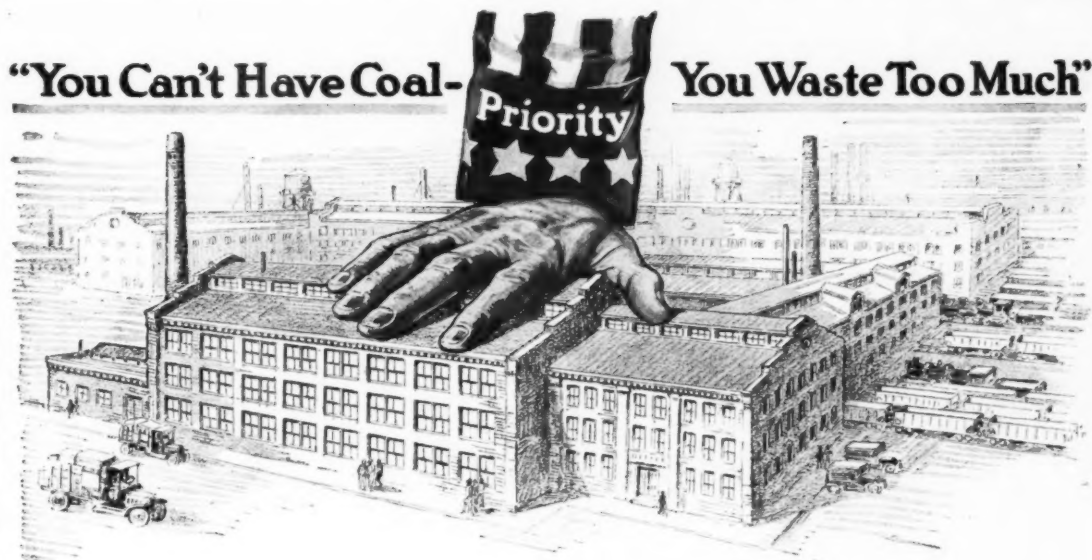
R. T. Newberry, 108 South La Salle Street, Architect.

CHICAGO, ILL.—Vitanola Talking Machine Co., 503 West Thirty-fifth Street, retained C. F. Jobson, Architect, 79 East Adams Street, to prepare plans for six-story, 200 x 400 ft., reinforced concrete factory on West Twenty-second Street and South Fifty-second Avenue. \$250,000.

CHICAGO, ILL.—O'Malley-Beare Valve Co., Ninety-fifth Street and Prairie Avenue, soon lets contract for building two-story, 125 x 214 ft., brick and reinforced concrete factory. Schmidt, Garden & Martin, 104 South Michigan Avenue, Architects and engineers. \$180,000.

CHICAGO, ILL.—W. F. Hall Printing Co., 466 West Superior Street, plans to build eight-story, 130 x 325 ft., concrete, steel and brick addition to printing plant, concrete foundation, on Superior and Kingsbury Streets. \$675,000. Graver & Dinkelberg, 80 East Jackson Boulevard, Architects.

CHICAGO, ILL.—John G. Shedd plans to build eighteen-story, 160 x 160 ft., reinforced concrete and steel bank and office on La Salle and Jackson streets, to cost



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This is what David M. Myers, Advisory Engineer to the Fuel Administration, says:



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\$5,000,000. Graham, Anderson, Probst & White, 72 East Jackson Boulevard, Architects.

CHICAGO, ILL.—Ludlow Typograph Co., 2032 Clybourne Avenue, let contract for building one-story, 50 x 135 ft., brick and timber factory, brick foundation, to Schmidt Bros. Construction Co., 74 West Washington Street. About \$25,000.

CHICAGO, ILL.—John Crerar Library, 110 North Wabash Avenue, plans to build eleven-story, 148 x 169 ft., brick and steel library on Michigan Avenue and Randolph Street, costing \$1,000,000. Holabird & Roche, 104 South Michigan Avenue, Architects.

CHICAGO, ILL.—Board of Trade, 141 West Jackson Boulevard, plans to build twenty-story, 170 x 240 ft., brick, reinforced concrete and steel, board of trade and office building, reinforced concrete flooring, concrete foundation, on Jackson and La Salle streets. Cost, \$4,000,000. Holabird & Roche, 104 South Michigan Avenue, Architects.

CHICAGO, ILL.—City is having plans prepared by C. W. Kallal, City Architect, City Hall, for police stations on Ashland and Bryn Mawr avenues; Monterey and Esmond avenues; Racine Avenue and Monroe Street; Root Street and Sixty-second Street; Evans Avenue and Sixty-fourth Street; Lowe Avenue and Thirty-fifth Street, to cost \$30,000 each.

CHICAGO, ILL.—Church of Nativity of Blessed Virgin Mary let general contract for building 32 x 82 ft., brick and timber, rock foundation church, on Fifth and Paulina streets, to D. Hrabinsky, 1224 Wallace street; masonry, to J. Bonnicksen, 9225 Commercial Avenue. Total cost, \$50,000.

EAST ST. LOUIS, ILL.—Armour & Co., Union Stock Yards, Chicago, plan to build brick and reinforced concrete power house here. \$60,000. R. C. Clark, Architect.

GREAT LAKES, ILL.—Henry Schrik & Co., 3722 West Chicago Avenue, Chicago, Ill., were low bidders for constructing the neurophysiatric ward at United States Naval Hospital reservation here at \$11,205.

GREAT LAKES, ILL.—Paschen Bros., 111 W. Washington Street, Chicago, Ill., received contract for constructing vegetable storage cellar at the navy yards here at \$33,420.

ROCK ISLAND, ILL.—Five vehicle storage buildings as accessories will go up at Rock Island Arsenal, Ill. The accessories consist of concrete platform and a new draining system and a short railroad track. Estimated cost \$551,629.

INDIANA

FORT BENJAMIN HARRISON, IND.—Cantonment to accommodate 10,000 men at Fort Benjamin Harrison, Ind., is to be located, at a cost of \$2,632,257, adjacent to the existing temporary cantonment. Later it is expected to build a 2500-bed hospital at this post.

GARY, IND.—The National Tube Co., Pittsburgh, Pa., will construct a new plant here, the cost of which will be \$25,000,000.

GARY, IND.—American Car & Foundry Co., 165 Broadway, New York City, plans to build new plant here to cost \$10,000,000.

IOWA

CLINTON, IOWA.—The Board of Education is contemplating the construction of a two-story school building, 250 x 475 ft. with 200 x 400 ft. court, on the west side of the Iowa River to accommodate student soldiers; to cost approximately \$100,000.

NEWTON, IOWA.—Austin Co., Cleveland, Ohio, was awarded contract for constructing a No. 3 standard building for the Parsons Co., 100 x 180 ft., at an approximate cost of \$65,000.

KANSAS

BONNER SPRINGS, KAN.—Board of Education will build three-story, 112 x 135 ft., brick and reinforced concrete high school. \$70,000.

PRATT, KAN.—The Board of Education, this city, is contemplating the construction of a new \$110,000 high school building.

LOUISIANA

NEW ORLEANS, LA.—Jackson Brewing Co., Jefferson and Decatur Streets, plans to build concrete addition to present plant to be used for dehydration of vegetables. \$110,000.

NEW ORLEANS, LA.—Plans are being prepared for the construction of a sixteen and eighteen-story bank and office building for the Hibernia Bank Trust Co.,

on Carondelet and Gravier streets. Estimated cost, \$2,000,000. Favrot & Lavaudais, Perrin Building, Architects.

NEW ORLEANS, LA.—The city will receive bids in January for the construction of a three-story, 150 x 400 ft., reinforced concrete trade school building, on City Park Avenue. Estimated cost, \$800,000. E. A. Christy, City Architect.

SHREVEPORT, LA.—W. K. Henderson let contract to build brick garage on Travis Street, to T. Green. \$40,000.

MARYLAND

BALTIMORE, Md.—American Ice Co., 309 Calvert Building, let contract for building one-story, 70 x 99 ft., concrete, steel and brick ice storage plant, Montford Avenue near Chase Street, to G. H. McEntee, 1123 Broadway, N. Y. C. \$140,000.

HAGERSTOWN, Md.—Western Maryland R. R., Continental Building, Baltimore, let contract for building one-story, 100 x 130 ft., concrete, brick and timber repair shop to Austin Co., 1319 Filbert Street, Philadelphia. \$40,000.

MASSACHUSETTS

CHATHAM, MASS.—Coleman Bros., 1 Marginal Street, Chelsea, Mass., were low bidders for hangars, pavements, beach and landing piers here at \$162,000.

FITCHBURG, MASS.—Orswell Mills, River Street, let contract for building four-story, 52 x 100 ft., brick and concrete mill storehouse to W. C. Carter, 22 Beacon Street. \$38,000.

LOWELL, MASS.—U. S. Cartridge Co., Lawrence Street, let contract for building two-story, 80 x 150 ft., brick and concrete factory, reinforced concrete flooring, concrete foundation, to New England Concrete Construction Co., 201 Devonshire Street, Boston. \$70,000.

NEW BEDFORD, MASS.—City plans to build brick and steel hospital on Mt. Pleasant Street. About \$100,000. J. R. Worcester & Co., 79 Milk Street, Boston, engineers.

NORTHAMPTON, MASS.—M. I. O'Connor, 104 N. Elm Street, was awarded contract for constructing two three and a half story, 34 x 100, brick and timber nurses' home for the State Commission of Mental Diseases, Boston, at approximately \$115,000.

SHELburne FALLS, MASS.—Mayhew Steel Products Co., 295 Broadway, New York City, let contract for building three one-story, 40 x 100 ft., 100 x 300 ft. and 40 x 100 ft., brick and concrete factories, concrete flooring and foundation, here, to Austin Co., 217 Broadway, New York City. \$115,000.

STATE LINE, MASS.—New York, New Haven & Hartford R. R., New Haven, Conn., soon lets contract for building brick and timber roundhouse, machine shop, boiler house and turntable building, concrete floor, rock and concrete foundation. About \$80,000. E. Gagel, New Haven, Conn., chief engineer.

WESTFIELD, MASS.—Westfield Mfg. Co., Cycle Avenue, let contract for building 43 x 186 ft. brick and timber storehouse and shop to E. F. Carlson Co., 10 Main Street, Springfield. \$40,000.

MICHIGAN

DETROIT, MICH.—Bryant & Detwiller, 2336 Dime Bank Building, this city, have contract for constructing one-story, 83 x 190 ft., steel, brick and mill construction foundry, one-story, 150 x 200 ft., steel addition to stock building, at a cost of \$120,000.

DETROIT, MICH.—F. H. Davis, Penobscot Building, this city, was awarded contract for constructing addition to the J. Brennan & Co. building, Twenty-fourth Street, at approximately \$75,000.

DETROIT, MICH.—F. W. Mark Construction Co., Leader-News Building, Cleveland, Ohio, was awarded contract for constructing one and two-story reinforced concrete, brick and steel plant for the Aluminum Castings Co., 6210 Carnegie Avenue, at approximately \$150,000.

GRAND RAPIDS, MICH.—The city commission is contemplating the construction of a great memorial building to cost approximately \$1,000,000 in honor of Grand Rapids Soldiers and Sailors.

GRAND RAPIDS, MICH.—Dominican Sisters are having plans prepared by E. Brielmaier & Sons, Architects, University Building, Milwaukee, Wis., for convent to cost about \$250,000.

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HIGHLAND PARK, MICH.—City plans to build hospital costing \$1,000,000. M. J. Sturm, 114 South Michigan Boulevard, Chicago, Architect.

PORTLAND, MICH.—Board of Education will erect two-story, 74 x 140 ft., brick and reinforced concrete school in Union District No. 3. T. E. White, City National Bank Building, Lansing, Architect.

SAGINAW, MICH.—Mitts & Merrill, 1909 South Water Street, plans to build machine shop. \$87,000.

ST. CLAIR, MICH.—J. O'Sullivan Sons Co., 520 River Street, Port Huron, Mich., was awarded contract for constructing two-story, 100 x 100 ft., addition to the warehouse of the Diamond Crystal Co. at \$25,000.

MINNESOTA

CLOQUET, MINN.—Northern Lumber Co. plans to rebuild mill destroyed by fire. Cost, \$100,000.

DULUTH, MINN.—McDougal-Duluth Co., Fifteenth Avenue, let contract for building one-story, 85 x 425 ft., reinforced concrete, brick and steel machine shop, reinforced concrete floor, concrete foundation, on St. Louis River, to McLeod & Smith, Duluth. \$25,000.

GLEN LAKE, MINN.—(Hopkins P. O.)—Sanitarium—Anti Tuberculosis Assn., Hennipen County, will soon award contract for building new administration building, tunnels, additions and alterations to existing buildings at a cost of \$50,000. Sund & Dunham, 514 Essex Building, Minneapolis, Architects.

MISSISSIPPI

GULFPORT, MISS.—Brooklyn Line Improvement Corp., 1607 Forty-fifth Street, Brooklyn, was low bidder for constructing latrine building and warehouse at the United States naval training camp here at \$16,230.

MISSOURI

JEFFERSON CITY, Mo.—Louis G. Schell, Moreau Drive, Jefferson City, was awarded contract for reconstructing courthouse, recently destroyed by fire, at approximately \$150,000.

KANSAS CITY, Mo.—Kansas City Light & Power Co., 1500 Grand Avenue, let contract for building 50 x 100 ft., substations, to E. L. Winn Construction Co., Kansas City. \$35,000.

ST. LOUIS, Mo.—Board of Public Service let contract for building three two-and-a-half-story brick, steel and reinforced concrete cottages at Bellefontaine Farms to M. C. Bartels, 4224 Bingham Avenue. About \$78,000.

ST. LOUIS, Mo.—City will build two-story, 60 x 200 ft. brick and reinforced concrete hospital, gymnasium and social center at 5100 Easton Avenue. About \$50,000.

ST. LOUIS, Mo.—City contemplates issuing bonds amounting to \$2,000,000 for construction of convention hall, and \$150,000 for construction of hospital. L. R. Bowen, city engineer.

NEBRASKA

RALSTON, NEB.—Nelson Zarp Paint Co. purchased site and plans to enlarge varnish factory. R. R. Evans interested. \$50,000.

NEW HAMPSHIRE

PORTSMOUTH, N. H.—Figures are being received by the Navy Department, Bureau of Yards and Docks, Washington, on a \$130,000 addition to foundry at Portsmouth, N. H., and a \$135,000 addition to the machine shop there.

NEW JERSEY

JERSEY CITY, N. J.—Annin & Co., 99 Fulton Street, New York City, plans to build five-story, 60 x 114 ft., reinforced concrete and steel factory on Bloomfield Avenue, near Montclair Avenue. F. S. & S. E. Sutton, 80 Broadway, New York City, Architects. \$150,000.

NEWARK, N. J.—F. W. DeVoe & C. T. Reynolds Co., Inc., 223 New Jersey R. R. Avenue, plans to build 105 x 150 ft. plant.

NEWARK, N. J.—Plans are to be prepared by John H. and Wilson C. Ely of this city for the construction of a new Boys' Vocational School for the Board of Education.

NEW YORK

BALDWIN, N. Y.—Ordnance Eng. Co., 120 Broadway, New York City, let contract for building 60 x 100 ft addition to No. 2 Standard factory building to Austin Co., 217 Broadway, New York City. \$26,000.

BALDWIN, L. I., N. Y.—Austin Co., Cleveland, Ohio, received contract for constructing a building for the Ordnance Engineering Corporation, being an extension to a No. 2 standard, 60 x 100 ft., at an approximate cost of \$26,000.

BAY RIDGE, N. Y.—F. G. Fearson Co., 820 Madison Avenue, this city, received contract for three steel balloon hangars at \$17,836.

BROOKLYN, N. Y.—The Navy Department, Washington, is arranging for an appropriation of \$2,500,000 for the purchase of land and the construction of additional shops and other structures at the Brooklyn Navy Yard.

BROOKLYN, N. Y.—S. Karpen & Brothers, 68 Thirty-fourth Street, Brooklyn, will soon take bids for their proposed six-story and basement furniture and wood-working plant on Jackson Avenue, near Hulst Avenue, Long Island City, to cost \$725,000.

BROOKLYN, N. Y.—Jay & Johnson Street Corp., Jay and Johnson Streets, let contract to build two-story, 50 x 96 ft., and five-story, 14 x 20 ft., steel and brick addition to plant to Warwick & Collins, 108 South Eighth Street. About \$50,000.

BROOKLYN, N. Y.—George Washington Refinery Co., 147 Forty-first Street, is having preliminary plans prepared by Austin Co., engineers, 217 Broadway, New York City, for building one-story, 200 x 400 ft., brick and steel refinery, concrete foundation.

BROOKLYN, N. Y.—League Storage & Warehouse Co., 300 Fourth Avenue, will build three one-story, 150 x 150 ft., steel and brick warehouses on First and Third avenues. \$45,000.

BROOKLYN, N. Y.—Board of Education plans to build five-story, 92 x 193 ft., brick and limestone school, concrete foundation, on Roebling, North Fourth and North Fifth Streets, costing \$600,000. C. B. J. Snyder, 500 Park Avenue, New York City, Architect.

BROOKLYN, N. Y.—Rubel Bros., Glenmore Avenue, let contract for building one-story, 100 x 100 ft., steel and brick addition to ice storage plant, reinforced concrete flooring, concrete foundation, on Blake and Van Sinderen avenue to S. Polivnick, 571 Powell Avenue. \$40,000.

BUFFALO, N. Y.—Pierce-Arrow Motor Co., 1695 Elmwood Avenue, let contract for building one-story, 100 x 340 ft., paint shop to J. W. Cowper Co., Fidelity Building. \$90,000.

LONG ISLAND CITY, N. Y.—Brenack Stevedore Co., 50 Thirteenth Street, Brooklyn, let contract to build one and two-story, 200 x 237 ft., steel and brick plant on Neptune Avenue, near Twenty-third Street, here, to H. Meyer, Queens. \$30,000.

LONG ISLAND CITY, N. Y.—Texas Co., 17 Battery Place, N. Y. C., let contract for building one-story, 40 x 200 ft., reinforced concrete, steel and brick garage, concrete foundation, on Review Avenue, here, to Flynt Building & Construction Co., 356 Main Street, Palmer, Mass. \$40,000.

NEW YORK, N. Y.—Hawley & Hoops, 267 Mulberry Street, let contract for rebuilding six-story, 100 x 150 ft., steel and brick factory, concrete foundation, Lafayette near Mulberry Street, to W. B. Somerville, 317 East 122nd Street. \$40,000.

NEW YORK CITY, N. Y.—The Standard Concrete Steel Co., 105 West Fortieth Street, New York, has had plans prepared for a one-story and basement machine shop, 110 x 225 ft., on Fifty-first Street near Amsterdam Avenue, to cost \$100,000.

NEW YORK, N. Y.—Economic Club, 15 West Forty-fourth Street, had preliminary plans prepared for five-story steel and brick clubhouse at 113 West Forty-third Street.

NEW YORK, N. Y.—M. Eidlitz, Forty-second Street and Lexington Avenue, has contract for constructing seven-story, 50 x 100 ft., steel and brick office building for the Western Union Telegraph Company, to cost approximately \$300,000.

OLEAN, N. Y.—Pennsylvania R. R., Broad Street Station, Philadelphia, let contract for building 45 x 100 ft. stripping and finishing plant here to Tifft Construction Co., Iroquois Building, Buffalo. \$40,000.

OTISVILLE, N. Y.—Additional hospital facilities at the Tuberculosis Hospital, Otisville, N. Y., which will consist of eight open-air wards, four infirmary wards,

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two-story barracks for hospital corps detachment, one officers' quarters, are to be built.

STATEN ISLAND, N. Y.—Staten Island Shipbuilding Co. let contract for building two-story, 50 x 100 ft. paint shop and three-story, 50 x 75 ft. joinery shop, reinforced concrete construction, reinforced concrete flooring and concrete foundation at Mariners Harbor, to F. T. Ley, 19 West Forty-fourth Street, N. Y. C. \$40,000 and \$45,000 respectively.

TOMPKINSVILLE, N. Y.—Harris Structural Steel Co., 1480 Broadway, has contract for constructing shop of reinforced concrete and structural steel at \$35,925.

NORTH CAROLINA

DURHAM, N. C.—Library Board is having plans prepared by E. L. Tilton, Architect, 52 Vanderbilt Avenue, New York City, for two-story, 40 x 90 ft., reinforced concrete, steel and brick library. \$50,000.

GREENSBORO, N. C.—Citizens will vote Jan. 7 on a bond issue of \$100,000 for constructing school building and improvements. J. Norman Wills, School Board.

OHIO

AKRON, OHIO.—Quaker Oats Co., Mill and Howard streets, are having plans prepared for brick, steel and reinforced concrete grain plant to cost \$150,000.

ALLIANCE, OHIO.—Pennsylvania Lines west of Pittsburgh, soon receives bids for building one-story, 40 x 150 ft., brick and timber freight house. R. Trimble, Pittsburgh, chief engineer. \$35,000.

BRADFORD, OHIO.—Pennsylvania Lines west of Pittsburgh, Union Station, Pittsburgh, Pa., let contract for building one-story, brick and concrete engine house annex power house, oil house, sand house and storage buildings here to R. H. Evans & Co., Columbus Savings and Trust Building, Columbus. \$250,000.

CINCINNATI, OHIO.—Plans are being prepared for the construction of the Hoffman School Building on Woodburn Avenue. Estimated cost, \$200,000. Hannaford & Sons, Architects, Hulbert Block.

CLEVELAND, OHIO.—Champion Forge & Machine Co., 3695 East Seventy-eighth Street, let contract for building one-story, 40 x 200 ft., reinforced concrete and steel forge shop to King Bridge Co., foot of East Sixty-ninth Street. Total cost, \$80,000.

CLEVELAND, OHIO.—Pennsylvania Lines west of Pittsburgh, Union Station, Pittsburgh, Pa., let contract for building one-story, 110 x 130 ft., brick, steel and concrete addition to round house on Kinsman Road to Crowell Lundoff & Little Co., Merian Building. \$100,000.

CLEVELAND, OHIO.—Aluminum Castings Co., Harvard Avenue and East Forty-second Street, let contract for building one-story, 90 x 200 ft., smelting plant, cost, \$100,000; one-story, 120 x 280 ft., finishing plant, \$100,000; and three-story, 70 x 240 ft., sand storage plant, \$150,000, all concrete, brick and steel, to J. H. Chaney Co., Hippodrome Building.

CLEVELAND, OHIO.—Kuhlman Car Co., East 140 Street, let contract for building one-story, 88 x 200 ft., brick and reinforced concrete car shop, to J. H. Chaney Co., Hippodrome Building. \$75,000.

CLEVELAND, OHIO.—Anchor Post & Iron Co., 22 Guardian Building, soon receives bids for building 90 x 200 ft. brick, reinforced concrete and steel factory. G. S. Rider Co., 512 Century Building, engineers. \$70,000.

CLEVELAND, OHIO.—Crucible Steel Forge Co., Grant Avenue, plans to build one-story, reinforced concrete and brick forge shop, costing \$50,000.

CLEVELAND, OHIO.—Ideal Bronze Co., 1265 East Fifty-fifth Street, purchased site and plans to build brick and concrete factory. \$100,000.

CLEVELAND, OHIO.—Kokomar Co., 455 Leader-News Building, soon receives bids to remodel brewery into factory at a cost of \$50,000.

CLEVELAND, OHIO.—Whitmore Mfg. Co., Iron Court and Erie Railway, plans to build two-story reinforced concrete, steel and brick factory. \$50,000.

CLEVELAND, OHIO.—Craig Curtis Co., 1030 Guardian Building, this city, will construct two-story concrete and brick addition to the factory of Globe Machine & Stamping Co., 1250 West Seventy-sixth Street, at approximately \$35,000.

NAPOLEON, OHIO.—Detroit Toledo & Ironton R. R., Bayer Campbell Building, Detroit, Mich., let contract for one-story, 80 x 160 ft. concrete, brick and timber machine shop to Crowell, Lundoff & Little Co., 1951 East Fifty-seventh Street, Cleveland. \$40,000.

NAPOLEON, OHIO.—Detroit, Toledo & Ironton R. R., Bayer Campbell Building, Detroit, Mich., let contract for building one-story, ten stall brick, reinforced concrete and timber roundhouse here, to Crowell Lundoff & Little Co., 1951 East Fifty-seventh Street, Cleveland. \$100,000.

NEWCOMERTOWN, OHIO.—J. P. Clow & Sons Co. plans to build two-story brick and steel factory, concrete flooring. About \$50,000.

RAVENNA, OHIO.—Oak Rubber Co. plans to build three-story, brick, steel and concrete factory. \$100,000.

WARREN, OHIO.—Supreme Motor Co., let contract for building one-story, 200 x 250 ft., brick, concrete and steel factory to Crowell, Lundoff & Little Co., 1951 East Fifty-seventh Street, Cleveland. \$100,000.

WILLOUGHBY, OHIO.—Additional barracks for Chemical Warfare Service are being erected at Willoughby, Ohio. There will be twelve barracks for enlisted men and one for officers. There will also be a medical building, three storage houses and one administration building. Estimated cost \$167,670.

OKLAHOMA

OKLAHOMA CITY, OKLA.—A new Liberal Arts building will be constructed at the State Fair Grounds. The building will be a fireproof structure of steel and reinforced concrete with stone facing for an outside finish. The dimensions are 220 x 107 ft., one story high. Estimated total cost, \$100,000.

OKLAHOMA, OKLA.—Social Democratic Publishing Co., Milwaukee, Wis., plans to build two-story newspaper plant here. C. W. Welborn, 408 Scott Thompson Building, Architect. \$55,000.

OKMULGEE, OKLA.—City plans to alter and extend electric light and ice plants. \$125,000.

TULSA, OKLA.—Fidelity Building Co., this city, was awarded contract for constructing warehouse for the Frick-Reid Supply Co., 100 x 150 ft., two stories and basement, brick, concrete and steel construction, at approximately \$60,000.

OREGON

PORTLAND, ORE.—Trenchall & Parelus were awarded contract for constructing shop for the Northwest Steel Co. at approximately \$22,500.

PENNSYLVANIA

BETHLEHEM, PA.—Plans are being prepared and bids will be received in about a month for the construction of four schools for the School Board; two-story and basement, brick and stone construction.

BETHLEHEM, PA.—Air Reduction Co., 120 Broadway, New York City, let contract for building three-story, 120 x 200 ft., reinforced concrete, brick and steel oxygen plant here to J. Mitchell, Inc., 76 Montgomery Street, Jersey City, N. J. \$150,000.

NANTICOKE, PA.—Delaware, Lackawanna & Western R. R., Scranton, soon lets contract for building one-story, 51 x 80 ft., addition to boiler house at Loomis Colliery, near here. G. J. Ray, Hoboken Terminal, Hoboken, N. J., chief engineer. \$40,000.

PHILADELPHIA, PA.—F. A. Havens Co., 845 N. Nineteenth Street, has contract for constructing two-story blacksmith shop at approximately \$31,000.

PHILADELPHIA, PA.—Wm. Steele & Sons Co., 1600 Arch Street, this city, will construct one-story brick boiler and engine room, 46 x 48 ft., for the American Insulation Co., at Robert Avenue and Stokley Street, at \$20,000.

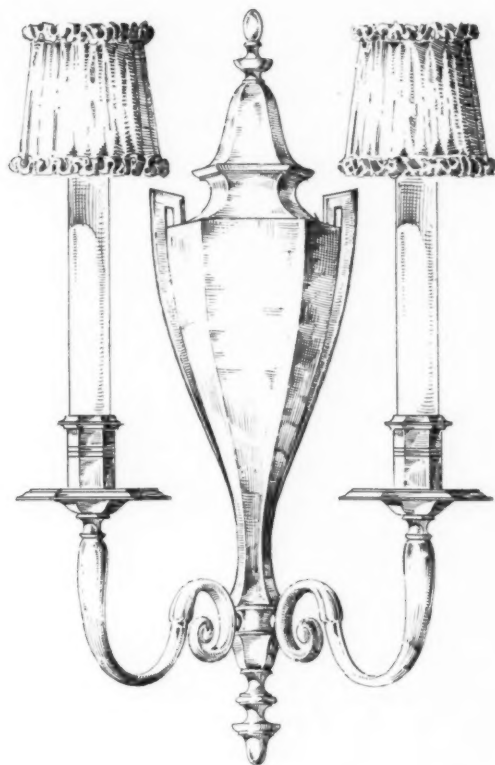
PHILADELPHIA, PA.—F. L. Hoover & Sons, 1023 Cherry Street, this city, have contract for constructing clubroom, dormitory and cafeteria for the Salvation Army at Broad Street and Fairmont Avenue, at approximately \$30,000.

PHILADELPHIA, PA.—Conneen Construction Co., 1737 Filbert Street, this city, received contract for constructing one-story brick, 53 x 68 ft. and 35 x 33 ft., additions to the warehouse of James Salen, 226-28 Callow Hill, at \$14,250.

PHILADELPHIA, PA.—William R. Dougherty, 1610 Sampson Street, has contract for constructing one-story brick, 44 x 49 ft., dining kitchen and laundry building for the Frankfort Hospital, at Frankfort Avenue and Wakeling Street, at \$20,000.

SCRANTON, PA.—Maccar Truck Co., Cliff Street, let contract to build 70 x 200 ft. addition to plant to E. A. Fuller, 1616 Dickson St. \$75,000.

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YORK, PA.—First National Bank, 31 North George Street, is having plans prepared by Gemmill & Billmeyer, Architects, Rosonmiller Building, for one-story, 35 x 83 ft., bank on Centre Street. \$100,000.

RHODE ISLAND

PAWTUCKET, R. I.—L. B. Darling Fertilizer Co., 654 Mineral Spring Avenue, soon lets contract for building two-story, 56 x 164 ft., reinforced concrete and brick storehouse. A. E. Bump Co., 60 North Market Street, Boston, Mass., Architect. \$50,000.

PROVIDENCE, R. I.—Providence Steel & Iron Co., Kinsley Avenue, is having plans prepared for one-story, 100 x 102 ft., brick and steel fabricating plant. E. B. Whipple, 17 Exchange Street, Architect. \$25,000.

SOUTH DAKOTA

MALTBY, S. D.—No contract has been awarded as yet by School Board of Jones School District No. 10 for constructing a school in the center of the district.

TEXAS

COLLEGE STATION, TEX.—The Agricultural and Mechanical College of Texas will soon let contract for constructing administration building, etc., 60 x 100 ft., and physics building, reinforced concrete, and brick, reinforced concrete flooring, 65 x 130 ft., costing approximately \$175,000.

GALVESTON, TEX.—Horton & Horton, Houston, Tex., received contract for constructing three hangars, paving and constructing beach at the navy yards here, at \$565,000.

GALVESTON, TEX.—To provide accommodations for soldiers at Galveston forty barracks, buildings for enlisted men and three officers' quarters, and also storehouses and medical buildings and mess and administration building are proposed. Cost, approximately \$554,000.

SAN ANTONIO, TEX.—H. Koehler Co., San Antonio, Tex., was awarded contract for constructing warehouse for J. E. Mugge & Co. on South Medina Street, of brick construction, at a cost of approximately \$22,000.

SAN ANTONIO, TEX.—Lone Star Truck & Tractor Co. Assn., Southwestern Life Building, Dallas, let contract building one-story, 50 x 480 ft., reinforced concrete and brick factory here, reinforced concrete flooring on South Presa Street, to J. C. Deilmann, 306 East Commerce Street. \$65,000.

VIRGINIA

CAMP ABRAHAM EUSTIS, VA.—Six additional hospital wards will be erected at Camp Abraham Eustis, Va. Cost, \$118,400.

HAMPTON ROADS, VA.—Geo. Learl Construction Co., 17 State Street, New York City, was awarded contract for constructing waiting rooms, crew's quarters, wharf, boat shop and dredging at the naval base here at \$140,000.

NEWTON, VA.—(Dillwyn P. O.)—Manganese Steel Casting Co. let contract for building steel casting plant on eastern branch of Elizabeth River, here, to General Contracting Co., 409 Citizens Bank Building, Norfolk. About \$300,000. Plant consists of pattern and molding shops, furnace houses, grinding and machine shops, office building, cottages, etc.

NORFOLK, VA.—Dawson Construction Co., Union Trust Building, Washington, D. C., was low bidder for construction of emergency hospital building at the United States Naval Hospital reservation here at \$1,337,359.

NORFOLK, VA.—\$50,000, seven-story, bank and office building was designed by Architects Peebles & Ferguson, Law Building for Bankers Trust Co. of Norfolk, Board of Trade Building, John D. Abbott, president, corner Granby Street and City Hall Avenue.

PORTSMOUTH, VA.—Dawson Construction Co., Washington, D. C., was low bidder for constructing one and two-story hollow tile, stucco and brick emergency hospital building here at \$1,337,359.

RICHMOND, VA.—Bank will be altered at a cost of \$200,000 to \$300,000. Architect Thomas Bruce Boyd,

286 Fifth Avenue, N. Y. C. Owner Federal Reserve Bank, Geo. J. Seay, Richmond.

SHENANDOAH, VA.—Norfolk & Western Railway, Commercial Trust Building, Philadelphia, let contract for building roundhouse here, to G. P. Pettyjohn & Co., 212 Eighth Street, Lynchburg. \$100,000.

YORKTOWN, VA.—Boyle-Robertson Construction Co., Evans Building, Washington, D. C., was low bidder for constructing ten magazine buildings at the naval mine depot here at \$118,000.

YORKTOWN, VA.—Hughes, Foulkrod & Co., Philadelphia, Pa., were low bidders for constructing five storage buildings, of steel and concrete, for the United States Government, at \$363,676.

WASHINGTON

LACONNER, WASH.—Plans have been prepared and bids will be received about the first of the year for the construction of a warehouse and the necessary structures required in the proposed Standard Oil Company's plant here.

OLYMPIA, WASH.—The State Board of Control budget calls for \$110,000 for the construction of a men's ward and \$50,000 for a women's ward at the Northern Hospital.

SEATTLE, WASH.—Plans have been approved by the U. S. Army, Quartermaster Department, Washington, to construct a large terminal on the east waterway side of Harbor Island. Geo. H. Nicholson, Chief Port Engineer.

WEST VIRGINIA

PARKERSBURG, W. VA.—Plans are being prepared for remodeling and constructing addition to hospital. Total estimated cost \$50,000. S. Hannaford Sons Co., Sixth and Vine streets, Cincinnati, Ohio, Architects.

WISCONSIN

EAU CLAIRE, WIS.—Bids will soon be received for the construction of the paper mill and wood room addition, brick, and mill construction, two stories, 51 x 150 ft. Total estimated cost, \$25,000. L. A. De Guere, Grand Rapids, Wis., engineer.

HARTFORD, WIS.—Hartford Canning Co. will build two-story, 104 x 208 ft., reinforced concrete and brick factory, reinforced concrete foundation. \$50,000.

MERRILL, WIS.—Plans are being prepared for the construction of a county home, brick and tile, two stories and basement, 40 x 70 ft., for hospital use. Estimated cost, \$25,000. H. T. Liebert, Architect, Wausau, Wis.

MILWAUKEE, WIS.—The Boston Store, Grand Avenue, is contemplating the construction of a five-story addition on Sycamore Street, to cost approximately \$500,000.

MILWAUKEE, WIS.—Gymnasium—Marquette University, Twelfth Street and Grand Avenue, is having plans prepared by E. Brielmaier & Sons, Architects, 401 University Building, for one and two story, 90 x 160 ft., with two 48 x 140 ft. wings, brick, concrete and steel, on Cluborn Street. \$200,000, cost.

RACINE, WIS.—Racine County plans to build court house costing between \$250,000 and \$300,000.

RACINE, WIS.—Bids will be received in February for the construction of a warehouse and nickelplating building for the Hamilton & Beach Mfg. Co. A. L. Flegel, Racine, Wis., Architect.

SUPERIOR, WIS.—Stinson Tractor Co., Stillwater, Minn., has taken over plant of Continental Motor Truck Co. on Belknap Street, and plans to build addition.

WAUKESHA, WIS.—Henk Mineral Spring Co., 406 West Avenue, will build brick and reinforced concrete addition to water bottling plant. Herbst & Hufschmidt, 114 Grand Avenue, Architects. Cost, \$60,000.

WAUWATOSA, WIS.—Northwestern Chemical Co., Sixty-first and State Street, let contract for building one-story, 48 x 147 ft., reinforced concrete and timber chemical plant, reinforced concrete flooring and concrete foundation, to C. A. Kleppe, 1026 First Street, Milwaukee. \$30,000.



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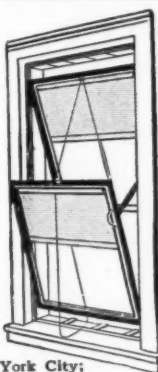
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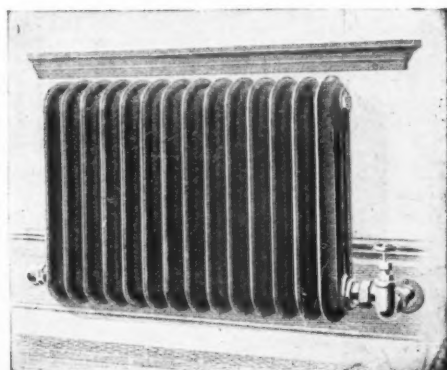
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ARIZONA

AJO, ARIZ.—The non-war construction commissioner of the War Industries Board approved the application for the construction of the proposed new school building here; estimated cost, \$125,000. Kescher & Kibbey, Architects, Phoenix, Ariz.

CALIFORNIA

ATASCADERO, CAL.—E. C. Lewis plans to build large dehydrating plant here, also several smaller plants in various parts of San Luis Obispo County.

CORONA, CAL.—Exchange Byproducts Co. plans to build brick and timber addition to plant, concrete foundation. \$50,000.

EL CENTRO, CAL.—Holton Power Co. is planning to spend between \$50,000 and \$100,000 in repairing the Holtville auxiliary plant in the near future.

LOS ANGELES, CAL.—President Howard Robertson state that the way is now clear for the construction of municipal power plant No. 2 in the San Francisco Canyon at a cost of \$1,400,000.

LOOMIS, CAL.—Ira C. Boss, Sacramento, Cal., awarded contract for constructing bank building, reinforced concrete construction, for the Bank of Loomis. Approximate cost, \$15,000.

PALMDALE, CAL.—Palmdale Irrigation District has under consideration the installation of new electrically operated pumping plants in the Antelope Valley section to cost about \$500,000.

POMONA, CAL.—State Commissioners, Sacramento, have purchased fifteen-acre site five miles west of here and plan to build school for feeble-minded people to be known as Pacific Colony, to cost \$2,000,000. About \$250,000 has been appropriated for site and preliminary expenses. W. F. McClure, Forum Building, Sacramento, state engineer.

SAN DIEGO, CAL.—Union Ice Co. has had plans prepared for the construction of an addition to its ice manufacturing plant to cost about \$18,000.

SAN FRANCISCO, CAL.—National Carbon Co., Branah and Eighth streets, let contract for building two reinforced concrete factories, to J. D. Hannah, Chronicle Building. \$40,000.

CONNECTICUT

BRIDGEPORT, CONN.—Heppenstall Forge Co., 95 Howard Avenue, let contract to build one-story, 60 x 135 ft., steel and corrugated iron addition to casting shop to Berlin Construction Co., Berlin. \$25,000.

HARTFORD, CONN.—Pratt & Whitney Co., 436 Capitol Avenue, let contract for building one-story, 50 x 210 ft., brick addition to foundry, concrete flooring and foundation, to R. G. Bent & Co., 904 Main Street. \$30,000.

LEESVILLE, CONN.—Central Connecticut Power Co. has made application to the federal authorities for permission to construct its proposed power house addition to its plant. The structure will be one-story and is estimated to cost \$26,000. Jenks & Ballou, 735 Grosvenor Building, Providence, R. I., are engineers for the company.

NEW BRITAIN, CONN.—Stanley Rule & Level Works, 111 Elm Street, awarded contract for building one-story, 60 x 140 ft., reinforced concrete factory, reinforced concrete flooring, concrete foundation, to J. H. Grozier Co., 721 Main Street, Hartford.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Lord & Burnham, this city, were awarded contract for furnishing twenty portable school buildings for the District of Columbia, at \$67,500.

FLORIDA

TAMPA, FLA.—Florida Glass Co., Orlando, plans to build glass plant, main building 150 x 300 ft., mixing room 30 x 40 ft., mold and machine shop 40 x 75 ft., blacksmith shop 20 x 30 ft., warehouse 100 x 200 ft. Cost, \$150,000. C. J. Earley, president.

IDAHO

BOISE, IDAHO.—St. Luke's Hospital, First and Ban-nock streets, plans to build three-story, 124 x 124 ft., brick and stone addition to hospital on First and Jefferson streets. \$75,000.

BOISE, IDAHO.—This city will start post-war activities with the construction of a huge packing plant by a company capitalized for \$1,000,000. Herbert Lemp will probably head the company. The plant will be modern in every respect and will not only be used as a packing plant, but will manufacture all the by-products and will be a feeding company as well.

LEWISTON, IDAHO.—The State Normal School recently destroyed by fire will be rebuilt in the near future. Estimated cost, \$150,000.

ILLINOIS

CHICAGO, ILL.—Field Museum Hospital will be remodeled by Architects Graham, Anderson, Probst & White, 80 East Jackson Boulevard. Owner, Field Museum Association, Stanley Field, 219 West Adams Street.

CHICAGO, ILL.—Hately Bros. Co., Thirty-seventh and Iron Streets, let contract for building one-story, 303 x 85 ft., brick and timber smoke house, concrete foundation, to R. Goldie Co., 19 South La Salle Street. \$25,000.

CHICAGO, ILL.—Ravenswood Hospital Association, care of M. J. Sturm, Architect, 114 South Michigan Avenue, is having plans prepared for five-story hospital, 150 x 200 ft., on Wilson and Winchester Streets. \$400,000.

CHICAGO, ILL.—Lott Hotel Co., 2100 Lincoln Parkway, soon lets contract to build ten-story, 72 x 160 ft., brick and reinforced concrete addition to hotel, reinforced concrete flooring, concrete foundation. W. W. Ahlschlager, 212 West Washington Street, Architect. \$625,000.

CHICAGO, ILL.—Board of Education, 8 South Dear-born Street, plans to build the following schools during 1919: Three-story addition to Davis School, Sacramento Avenue and West Thirty-ninth Street, \$275,000; three-story addition to Von Humboldt School, 1400 North Rockwell Street, \$300,000; addition to Darwin School, Albany and Edgewood Avenues, \$35,000; three-story addition to Herz School, Douglas Boulevard and Lawndale Avenue, \$250,000; also additions to Tilden High School, Union Avenue and West Forty-seventh Street; Fenger High School, State Street and 114th Place; Medill High School, 1330 West Fourteenth Place; Schurz High School, 4350 Milwaukee Avenue. Cost of latter not determined. J. Howatt, engineer.

CHICAGO, ILL.—Chicago Theological Seminary, 5757 University Avenue, plans to build group of three-story seminary buildings on Midway at Cottage Grove. \$300,000.

CHICAGO, ILL.—Immanuel Baptist congregation, care of E. S. Hall, Architect, 3230 West Monroe Street, plans to build ten-story, 120 x 150 ft. church, social center, etc., on Michigan Boulevard and Twenty-third Street. \$600,000.

CHICAGO, ILL.—Morrison Hotel Co., Madison and Clark streets, plan to build two sixteen-story, 90 x 170 ft. and 65 x 190 ft., brick, steel and concrete additions. Marshall & Fox, 721 North Michigan Avenue, Architects. \$2,500,000.

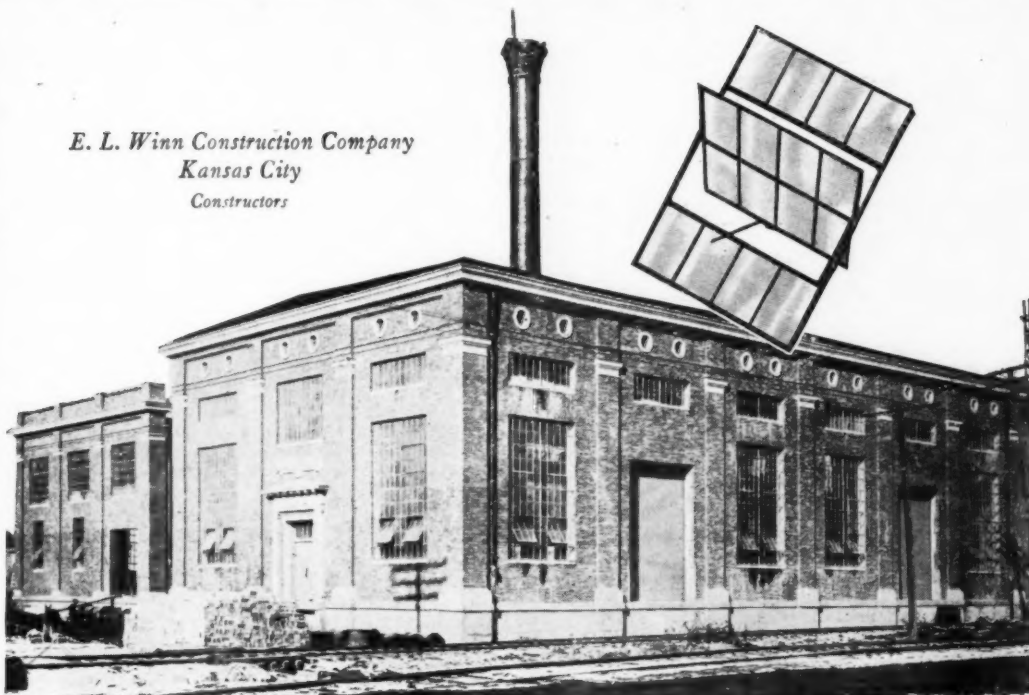
CHICAGO, ILL.—W. Lederer Co., 848 Milwaukee Avenue, plans to build two-story store, 100 x 130 ft., brick and timber, brick foundation, at 750 Milwaukee Avenue. \$70,000.

CHICAGO HEIGHTS, ILL.—Aerie No. 1058 of Eagles Lodge is having revised plans prepared by P. Gerhardt, Architect, 64 West Randolph Street, Chicago, for four-story club, 75 x 150 ft., on Illinois Street, near Oak Street. \$150,000.

GREAT LAKES, ILL.—Emergency Hospital will be erected for United States Government. C. W. Parks, Chief Bureau of Yards and Docks, Navy Department, Washington, D. C.

JACKSONVILLE, ILL.—Old Folks' Home, costing \$35,000, will be erected from plans drawn by Architect J.

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SOLID STEEL WINDOWS

H. Lynch, 625 Locust Street. Owner, National Benevolent Association, Mr. Rice, president of board, Jacksonville.

OLNEY, ILL.—Hospital—Olney Sanitarium soon receives bids for remodeling and building top addition to main building, nurses' home, ward building and power house. L. H. Osterhage, Second National Bank Building, Vincennes, Ind., Architect. \$250,000.

URBANA, ILL.—Sanitarium costing \$65,000 has been designed by Architect J. J. White, care of University of Illinois. Owner, S. A. Forbes, secretary of County Sanitarium Board.

INDIANA

CULVER, IND.—The trustees of the Culver Military Academy will construct a \$75,000 library as memorial to its former cadets and officers who have lost their lives in the world war.

FT. WAYNE, IND.—Pennsylvania Lines west of Pittsburgh, Union Station, Pittsburgh, Pa., let contract for building one-story, 80 x 240 ft., brick and steel machine shop, 108 x 400 ft., locomotive repair shop and one-story, 40 x 200 ft. engine room, both reinforced concrete, steel and brick, to Crowell, Lundoff & Little Co., Merian Building, Cleveland, Ohio, \$100,000, \$150,000 and \$50,000 respectively.

GARY, IND.—Erection of a new plant in Gary, to cost \$25,000,000, has been decided upon by the National Tube Co., which is a subsidiary of the United States Steel Corporation. Four new blast furnaces will be erected by the United States Steel Corporation to cost about \$5,000,000. The American Car & Foundry Co. is said to be planning on carrying out its pre-war construction, that of a new \$10,000,000 plant, with the opening of spring.

PERU, IND.—County infirmary, costing \$50,000, will be designed by Architect E. E. Dunlap Co., 616 Citizens Bank Building, Indianapolis, Ind., for Miami County, Frank McElhaney, auditor, Court House, Peru.

IOWA

CLINTON, IOWA.—Board of Education plans to build two-story school, 250 x 475 ft., on west side of Iowa River, to accommodate 1000 student soldiers. \$100,000.

NEWTON, IOWA.—The Austin Co., Cleveland, Ohio, was awarded contract for constructing No. 3 Austin Building, for the Parsons Company, at an approximate cost of \$65,000.

KANSAS

JUNCTION CITY, KAN.—Plans have been completed for the construction of a \$20,000 addition and parsonage for the First Methodist Church of this city.

KENTUCKY

ASHLAND, KY.—Architect V. T. Ritter, 1117 First National Bank Building, Huntington, W. Va., will take new sketches for a church to cost \$110,000 for the First M. E. Church of this city, Rev. J. Howard Jones. One and two stories, 100 x 140 ft.

COVINGTON, KY.—Plans are being prepared for the construction of a school building to cost approximately \$150,000. Richards, McCarty & Bulford, Hardman Building, Architects.

LOUISIANA

NEW ORLEANS, LA.—H. W. Bond Bro., 1019 Constantinople Street, this city, received the contract for constructing buildings at the marine hospital at \$54,085.

NEW ORLEANS, LA.—A new Cotton Exchange is to be built at a cost of \$500,000.

NEW ORLEANS, LA.—The Hibernia Bank and Trust Company is to erect a sixteen- or eighteen-story office and bank building to cost between \$2,500,000 and \$3,000,000.

NEW ORLEANS, LA.—City receives bids in January for three-story, 150 x 400 ft., reinforced concrete trade school on City Park Avenue. E. A. Christy, city Architect. A. G. Ricks, commissioner of public finances. \$800,000.

NEW ORLEANS, LA.—The American Can Company is to make improvements to its present plant which will entail an expenditure of over \$250,000.

NEW ORLEANS, LA.—Swift & Company at Harvey after completing a \$250,000 sulphuric acid plant are having erected an addition to their fertilizer storage facilities at the same place to cost about \$100,000.

NEW ORLEANS, LA.—The Jackson Brewing Company, which plans to turn the brewery into a syrup and

vegetable canning plant and alcohol distillery, will build an additional plant which will cost about \$125,000 minus the equipment.

MARYLAND

BALTIMORE, MD.—Bartlet-Hayward Co., Scott and McHenry Streets, will build three one-story frame buildings, 67 x 375 ft., 50 x 95 ft. and 26 x 125 ft., cement flooring, at Turners Station. \$125,000.

BALTIMORE, MD.—Four-story hospital was designed by Walter M. Gieske, Architect, Gunther Building, for the Board of Trade, E. B. Miller, chairman, care Davidson Chemical Co., Curtis Bay. Architect taking preliminary bids.

GOVANS, MD.—Gregory Memorial Baptist congregation is having plans prepared by J. Freund, Jr., Architect, 11 East Lexington Street, Baltimore, for 40 x 90 ft. concrete and timber church on York Road. About \$50,000. O. F. Gregory, Lyman Avenue, pastor.

INDIAN HEAD, MD.—McLean Contracting Company, 1412 Fidelity Building, Baltimore, Md., have contract for constructing cold storage basin and crane, 240 x 94 ft., at the Naval Proving Grounds here, at \$185,000.

MASSACHUSETTS

AYER, MASS.—Veterinary hospital buildings to cost \$75,000 have been designed by Advisory Architect F. W. Wheaton. Advisory engineering company, F. M. Gunby. Owner, United States Government, Gen. R. C. Marshall, Construction Division. All of Seventh and B Streets, S. W., Washington, D. C.

BOSTON, MASS.—Marine hospital buildings, costing \$250,000, were approved by Acting Supervising Architect J. A. Wetmore, Treasury Department, Washington, D. C. Owner, United States Government, Treasury Department, Washington.

ERVING, MASS.—Washburn-Hayward Chair Co. plans to build brick and mill construction addition to factory. \$500,000.

SPRINGFIELD, MASS.—New York, New Haven & Hartford R. R., 154 Water Street, New Haven, Conn., let contract for building one-story brick and timber roundhouse and storehouse here to H. Wales Lines Co., 134 State Street, Meriden, Conn. \$70,000.

SPRINGFIELD, MASS.—Congregation St. George's Greek Church soon lets contract for building church on Chestnut Street. K. Kalfo, New York City, Architect. \$50,000.

SPRINGFIELD, MASS.—Boston & Albany R. R., South Station, Boston, receives bids in spring for three-story, 114 x 400 ft., brick station here. F. B. Freeman, chief engineer. \$2,500,000.

WORCESTER, MASS.—Hospital building costing \$161,000 has been designed by Architects Fuller & Delano Co., 44 Front Street. Owner, City of Worcester, George C. Halcott, superintendent of buildings, City Hall.

MICHIGAN

DETROIT, MICH.—Detroit Copper & Brass Rolling Mills, Clark Avenue, awarded contract for building addition to plant to A. A. Albrecht, 1130 Penobscot Building, and G. R. Cooke, 260 Penobscot Building. \$400,000.

DETROIT, MICH.—Detroit Baking Co., Fourth Street and Michigan Avenue, is having plans prepared by Brown & Preston, Architects, 849-51 David Whitney Building, for building five-story, 65 x 130 ft., reinforced concrete bakery, reinforced concrete floor, concrete foundation, on Fort and Labrosse Streets. \$150,000.

DETROIT, MICH.—M. Meade, Architect, 232 Hubbard Avenue, will build two-story, reinforced concrete, brick and steel industrial service center building on East Grand Boulevard for Y. W. C. A. Project includes offices, cafeteria, library and hospital. \$100,000.

FLINT, MICH.—Board of Education is having plans prepared by Malcolmson & Higginbotham, Architects, Moffat Building, Detroit, for two-story brick and reinforced concrete high school. \$600,000.

MINNESOTA

BOVEY, MINN.—Board of Education receives bids about Jan. 15 for building two-story school, 100 x 100 ft., reinforced concrete, brick and steel, reinforced concrete flooring, concrete, brick and rock foundation. W. T. Bray, Fidelity Building, Duluth, Architect. \$75,000.

BRONTON, MINN.—The construction of a school building, reinforced concrete floors, brick and tile walls, is

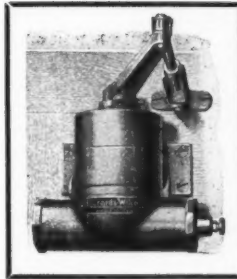
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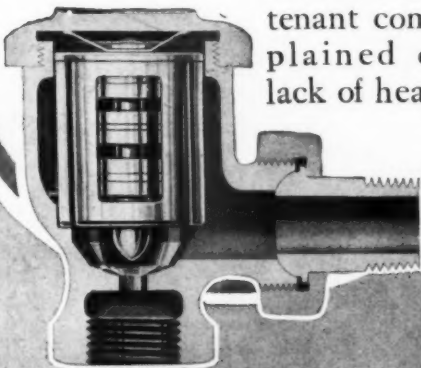
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**NO. 8 HOFFMAN
RETURN LINE VALVE**



Chicago, August 13, 1918.

I am pleased to confirm my verbal conversation in reference to the Hoffman Return Line Valves installed in the Lessing Building last summer.

Although last winter was a most unusual and severe one, we consumed about 800 tons of coal less than the winter previous. This I attribute almost entirely to the efficiency of Hoffman Valves.

Furthermore, I did not have a single call or complaint from any of the tenants because of lack of heat during the entire winter, whereas the winter before, one man was kept busy practically all the time adjusting, cleaning and repairing valves in the 114 apartments in our building. Aside from the increased efficiency of the plant, the saving in fuel and labor more than paid for the valves the past season.

I am, therefore, very glad to give the Hoffman Return Line Valves my unqualified approval and shall be glad to have you use my name as reference.

Yours very truly,

(Signed) A. M. Halley,

Lessing Apartment Bldg., Chief Engineer.
Broadway & Surf Street.

HOFFMAN SPECIALTY CO.

512 Fifth Avenue, NEW YORK

128 N. Wells St., Chicago 215 W. 7th St., Los Angeles

contemplated. Total estimated cost, \$85,000. Croft & Boerner, 1201 Fidelity Building, Duluth, Minn.

MANKATO, MINN.—Plans are being prepared for the construction of a two-story and basement school building, 63 x 163 ft. Total estimated cost, \$130,000. Geo. Pass & Son, Ekle Building, this city, Architects. Tween & Kerr Co., Metropolitan Bank Building, Minneapolis, Engineers.

MOUNTAIN IRON, MINN.—Board of Education, Mountain Iron, receives bids in January for building two-story school, 100 x 110 ft., reinforced concrete, brick and steel, reinforced concrete flooring concrete and brick foundation, in Leonidas Township. W. T. Bray, Fidelity Building, Duluth, Architect. \$80,000.

ROCHESTER, MINN.—A. Murphy, care of W. Lindau, Architect, 1928 Berkeley Avenue, St. Paul, is having plans prepared for three-story, 88 x 128 ft., brick hotel here.

ST. PAUL, MINN.—The construction of a three-story and basement fireproof brick and cut stone trim hospital and power plant for the Northern Pacific Mutual Beneficial Association at Simpson and Edmund Streets is proposed. Total estimated cost, \$300,000. H. B. Smith, president, 203 Railroad Building. Lambert Basindale, 321 Capital Bank Building, Architect.

MISSISSIPPI

CLARKSDALE, MISS.—Illinois Central R. R., Central Station, Chicago, Ill., is having plans prepared by D. F. McLaughlin, Architect, for passenger station to consist of one-story, 38 x 112 ft., brick lunch room and two waiting rooms, 38 x 112 ft. and 38 x 144 ft.; also one-story, 26 x 35 ft., boiler house and one-story, 40 x 200 ft., freight building. F. L. Thompson, chief engineer.

MISSOURI

KANSAS CITY, Mo.—House of Good Shepherd will build two-story, 75 x 99 ft., chapel, and four-story, 51 x 149 ft., children's building. H. F. Hoit, 315 East Tenth Street, Architect.

KANSAS CITY, Mo.—E. L. Winn Construction Co., this city, has contract for constructing 50 x 100 ft., sub-stations for the Kansas City Light & Power Company, at approximately \$35,000.

KANSAS CITY, Mo.—Plans have been prepared for the construction of a reformatory school for girls for the House of Good Shepherd, 2011 Cleveland Avenue; three buildings; four stories, 51 x 150 ft.; three stories, 43 x 108 ft.; two stories, 98 x 30 ft. Henry F. Hoit, 315 East Tenth Street, Kansas City, Mo., Architect.

ST. LOUIS, Mo.—Inland Machine Co., 1500 North Broadway, is having plans prepared for two-story, 200 x 300 ft., plant. O. G. Stark, president. \$150,000.

ST. LOUIS, Mo.—City plans to issue \$150,000 bonds to build hospital. L. R. Bowen, City Engineer.

ST. LOUIS, Mo.—City plans to issue \$2,000,000 to build convention hall. L. R. Bowen, City Engineer.

ST. LOUIS, Mo.—Mallinckrodt Chemical Works, Second and Mallinckrodt Streets, let contract for building three-story, 70 x 100 ft., brick, reinforced concrete and steel ether plant, reinforced concrete flooring, concrete foundation, to A. H. Haeseler Building & Contracting Co., Wainwright Building. \$65,000.

ST. LOUIS, Mo.—The Board of Public Service is contemplating repairing two wings of the old college building recently destroyed by fire and constructing an additional building for city infirmary. Total estimated cost, \$100,000. E. R. Kinsey, president, 304 City Hall.

NEBRASKA

ALLIANCE, NEB.—A. H. Jones Co., Omaha, plans to build garage here. \$65,000.

OMAHA, NEB.—Skinner Packing Co., Twenty-seventh and Y Streets, awarded contract to build one-story, 84 x 84 ft., power plant, and two-story, 50 x 60 ft., garage, brick and reinforced concrete, to Collins Bros., 536 Rialto Building, Kansas City, Mo., at \$50,000 and \$40,000 respectively.

NEW JERSEY

BAYONNE, N. J.—Board of Education plans to build two schools, one on East Thirtieth Street and other on Avenue A. \$300,000.

GARWOOD, N. J.—National Boiler Co., South Avenue, is having revised plans prepared for the construction of a one-story foundry addition to its plant, brick and reinforced concrete, about 100 x 105 ft. Hooper & Co., 116 Market Street, Newark, are engineers for the company.

JERSEY CITY, N. J.—C. F. Muller, 180 Baldwin Avenue, had plans prepared by J. J. Rowlan, Jr., Architect, 100 Sip Avenue, for two-story, 75 x 150 ft., brick and reinforced concrete factory, reinforced concrete flooring, concrete foundation. \$100,000.

ORADELL, N. J.—Board of Freeholders of Bergen County had plans prepared by W. Austin and G. Conable, Architects, 46 West Twenty-fourth Street, New York City, for four-story brick hospital. \$265,000.

SECAUCUS, N. J. (Weehawken P. O.)—Board of Freeholders, Hudson County, Jersey City, plans to build addition to tuberculosis sanitarium here. \$100,000.

TRENTON, N. J.—Y. M. C. A., 1387 Brunswick Avenue, plans to build. H. A. Smith, president. \$400,000.

VERONA, N. J.—One-story hospital building group to cost \$120,000 has been designed by Jordan Green, Architect, Essex Building, Newark, N. J., for the Board of Managers of Essex County Tuberculosis Hospital, W. G. Pennington, president, Court House, Newark.

NEW YORK

BALDWIN, L. I., N. Y.—The Austin Co., Cleveland, Ohio, was awarded contract for constructing building for the Ordnance Engineering Corporation at approximately \$26,000.

BROOKLYN, N. Y.—Gibbons Co., 316 Columbia Street, will build five-story, 45 x 75 ft., reinforced concrete and steel factory, concrete foundation, at point south of Hamilton Avenue. \$25,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, is having plans prepared by C. B. J. Snyder, Architect, Municipal Building, New York City, for P. S. 73, four-story, 59 x 100 ft., brick and steel concrete foundation, Sumpter Street and Rockaway Avenue, cost \$210,000; addition to P. S. 144, five-story, 105 x 127 ft., brick and steel, concrete foundation, Howard Avenue and Prospect Place. \$298,000.

BROOKLYN, N. Y.—Board of Education, 500 Park Avenue, New York City, had plans prepared by C. B. J. Snyder, Architect, Municipal Building, New York City, for P. S. 182, five-story, 118 x 192 ft., Dumont Avenue and Wyona Street, cost, \$543,474; P. S. 100, four-story, 100 x 144 ft., West First Street, Coney Island, cost, \$299,500; P. S. 80, four-story, 100 x 144 ft., West Nineteenth Street, Coney Island, \$310,230; P. S. 29, five-story, 118 x 192 ft., Henry and Harrison Street, \$543,474; all brick and steel construction, concrete foundations.

BUFFALO, N. Y.—Clemens Electrical Corporation, 725 Main Street, has filed notice of an increase in its capitalization from \$10,000 to \$100,000 to provide for expansion.

BUFFALO, N. Y.—City is having plans prepared for city hall building, nine stories, on Franklin and Church streets. Esenwein & Johnson, Ellicott Square, Architects.

FAR ROCKAWAY, N. Y.—Board of Education, 500 Park Avenue, New York City, had plans prepared by C. B. J. Snyder, Architect, Municipal Building, New York City, for one-story, 50 x 75 ft., steel and brick addition, concrete foundation, to P. S. No. 39 here. \$55,000.

GARRETSON, N. Y. (Staten Island P. O.)—School—Board of Education, 500 Park Avenue, New York City, is having plans prepared by C. B. J. Snyder, Architect, Municipal Building, New York City, for P. S. 11, one-story, 103 x 140 ft., steel and brick, concrete foundation. \$90,000.

LONG ISLAND CITY, N. Y.—S. Blickman, 199 Lafayette Street, New York City, proposes two-story, 100 x 100 ft., reinforced concrete factory on Mott Avenue and Manby Street here. \$70,000. H. Balcom, 10 East Forty-second Street, New York City, Architect.

LONG ISLAND CITY, N. Y.—American Chiclé Co., Harris Avenue, let contract for building two-story, 50 x 180 ft., steel and brick warehouse, concrete foundation, Borden Avenue and Haywood Street, to W. Kennedy Construction Co., 215 Montague Street, Brooklyn. \$30,000.

NEW YORK, N. Y.—Metal Disintegrating Co., 3 South William Street, is having plans prepared for four two-story, 200 x 400 ft., steel and brick factory buildings, concrete foundation.

NEW YORK, N. Y.—Milliken Bros. Mfg. Co., Woolworth Building, purchased plant and site adjoining on 136th Street and East River and plans to build one-story, 50 x 100 ft., galvanizing plant. \$25,000.



The Architect As a Builder

Architecture of all ages has demanded that those who follow it possess the endowment of imagination and acquire that technical or specialized skill which enables one to produce the thing that has been visualized.

There must be a harmonious blending of the ability to see a structure before it exists and to formulate and co-ordinate all the parts of the mental picture.

We have contended that the Architect is naturally an artist, in his appreciation of design, color values, proportions, types, etc.; a business man, in his use of figures, specifications, and the rendering of that kind of service which marks good salesmanship; a counselor, in his professional relations with his clients.

He is also the world's real *builder* — the source of that structural inspiration which is steadily improving the physical appearance of every community.

As a builder, the architect appreciates Tiles. He knows their

value in helping to introduce the element of *quality* into the home, the school, the hospital, the factory, or any edifice entrusted to his care.

The architect knows that Tiles increase pride of possession; that they lift the standards of new buildings and make old ones better; that their introduction of beauty reflects credit upon his profession and upon his own ability to practise it successfully.

The real *builder* must possess an appreciation of structural values. For this reason, the Architect *believes* in Tiles.

The Associated Tile Manufacturers

Beaver Falls, Pa.

NEW YORK, N. Y.—Standard Steel Sections, Inc., 608 East 133rd Street, is having plans prepared for two-story, 50 x 200 ft., steel and brick factory, concrete foundation. \$30,000.

NEW YORK, N. Y.—Three story children's home will be erected at a cost of \$18,000. Architect, William Whitehall, 32 Union Square. Owner, R. C. Diocese of New York, care of Right Rev. Monsignor M. J. Lavell, 460 Madison Ave.

NEW YORK, N. Y.—Board of Education had plans prepared by C. B. Snyder, Architect, 500 Park Avenue, for five-story school, 60 x 142 ft., brick and steel addition, Tremont, Bryant and Vise Avenues. \$200,000.

NEW YORK, N. Y.—Board of Education had plans prepared by C. B. J. Snyder, Architect, 500 Park Avenue, for five-story school, 92 x 193 ft., limestone and terra cotta, on Crotona Avenue and 151st Street. \$450,000.

NEW YORK CITY, N. Y.—Board of Education, 500 Park Avenue, having plans prepared by C. B. J. Snyder, Architect, Municipal Building, for addition to P. S. 130, five-story, 98 x 157 ft., steel and brick, Baxter Street. \$506,592.

NEW YORK, N. Y.—Board of Education, 500 Park Avenue, New York City, had plans prepared by C. B. J. Snyder, Architect, Municipal Building, for P. S. 57, five stories, 118 x 192 ft., steel and brick, concrete foundation, on Crotona Avenue and 181st Street. \$543,500.

NEW YORK CITY, N. Y.—Board of Education, 500 Park Avenue, is having plans prepared by C. B. J. Snyder, Architect, Municipal Building, for addition to P. S. 43, three-story, 59 x 100 ft., brick and steel, concrete foundation, Brown Place, Bronx. \$93,250.

ROTTERDAM, N. Y.—Boston & Maine R. R., North Station, Boston, let contract for building one-story, 104 x 144 ft., engine house; one-story, 14 x 45 ft., sand house, and 33 x 66 ft. office building, concrete and brick, reinforced concrete floor, concrete foundation, to H. Wales Lines Co., 134 State Street, Meriden, Conn. \$100,000.

SENECA FALLS, N. Y.—L. J. Stauff plans to rebuild Hoag Hotel recently destroyed by fire with loss of about \$90,000.

NORTH CAROLINA

GREENSBORO, N. C.—Southern Truck & Car Corp., recently incorporated, plans to construct structural steel plant at cost of \$200,000.

OHIO

BLACK TOOK, OHIO.—Plans are being drawn by Architects DeVoss & Donaldson, First National Bank Building, Portsmouth, Ohio, for a restaurant and store building, two stories, 60 x 40 and 50 x 75 ft., for the Cambria Clay Products Co. of this place, S. P. Reits, manager.

CINCINNATI, OHIO.—Board of Education is having plans prepared by Hannaford & Sons, Architects, Hulbert Block, for building Hoffman School on Woodburn Avenue \$200,000.

CINCINNATI, OHIO.—Plans have been drawn by Architect W. M. Firth, 4319 Broadway, for a church addition for the Oakley Baptist Church, care Architect. Cost, \$50,000.

CINCINNATI, OHIO.—Pennsylvania R. R., Broad Street Station, Philadelphia, Pa., let contract for building freight terminals and two-story concrete and brick office on Court and Gilbert Avenues to Ferro-Concrete Construction Co., Richmond and Harriet Streets. \$200,000.

CLEVELAND, OHIO.—The city will erect a \$300,000 power plant at East Fifty-third Street.

CLEVELAND, OHIO.—St. Josephs congregation, 15001 Lake Shore Boulevard, plans to build one-story stone and brick church. \$100,000.

COLUMBUS, OHIO.—A. Bentley Son & Company, Toledo, Ohio, have contract for constructing stock yards buildings along the Pennsylvania track in the vicinity of Woodland Avenue. at approximately \$100,000.

EAST COLUMBUS, OHIO.—Pennsylvania Lines west of Pittsburgh, Union Station, Pittsburgh, Pa., let contract for building one-story, concrete and timber stock yards, concrete foundation, here. to A. Bentley & Sons Co., 201-31 Belmont Avenue. Toledo. \$75,000.

FREMONT, OHIO.—J. A. Wetmore, Acting Supervisory Architect of the Treasury Department at Washington, will take bids Jan. 17 for a post office building here.

HOIMESVILLE, OHIO.—The Board of Education, L. E. Crawford, clerk, is about ready for bids for a \$50,000 high school. Althouse & Jones, Mansfield, Architects. Two stories, 62 x 74 ft.

KENTON, OHIO.—Bids will be taken Jan. 15 by J. A. Wetmore, Acting Supervisory Architect of the Treasury Department, Washington, D. C., for a post office building here.

MASSILLON, OHIO.—The Massillon Electric & Gas Co. has been given a permit for the rebuilding of the plant which was destroyed by an explosion last spring. The cost will be \$30,000.

NEW LEXINGTON, OHIO.—Perry County Telephone Co. has increased its capital from \$75,000 to \$125,000. Extensive improvements will be made.

OAKLEY, OHIO.—Trailmobile Co. is having plans prepared by Zettel & Rapp, Architects, Johnston Building, Cincinnati, for several factory buildings here. \$150,000.

OKLAHOMA

OKLAHOMA CITY, OKLA.—Plans have been completed for the construction of a \$25,000 building for Charles H. Phelps on a lot adjoining the Van Buren Hotel, 425 West Main Street. The building will be brick construction.

OKLAHOMA CITY, OKLA.—Boig & Inglis, promoters of the Midland Motor Car & Truck Company, will construct a \$725,000 club house at Seventh Street and Broadway. The building will be seven stories high, 125 x 140 ft. It will be of reinforced concrete construction with brick facing. Walter Altschlagner, Architect, Chicago, Ill.

OKMULGEE, OKLA.—St. Louis & San Francisco Railway, Railway Exchange Building, St. Louis, Mo., having plans prepared for brick and stone freight station on Main Street here. F. G. Jonah, chief engineer.

OKMULGEE, OKLA.—Stuart, Mathews & Baker are having plans prepared by Smith, Rea & Lovitt, Architects, Finance Building, Kansas City, Mo., for five-story, 55 x 100 ft., brick, stone and reinforced concrete office. \$100,000.

TULSA, OKLA.—Frick Reid Supply Co., 210 South Main Street, let contract for building two-story, brick, steel and reinforced concrete warehouse, to Fidelity Building Co., 218 Ohio Building. \$60,000.

PENNSYLVANIA

BETHLEHEM, PA.—Board of Education will build four two-story brick and stone schools. V. T. Ritter, North American Building, Philadelphia, Architect.

BETHLEHEM, PA.—Air Reduction Co., 177 Pacific Avenue, Jersey City, N. J., let contract for reinforced concrete work for building here to J. Mitchell, Inc., 76 Montgomery Street, Jersey City, N. J. \$50,000.

CHAMBERSBURG, PA.—Cumberland Valley R. R. let contract for building 85 x 212 ft. railroad shop here to Austin Co., 1319 Filbert Street, Philadelphia. \$50,000.

ENOLA, PA.—Pennsylvania R. R., Broad Street Station, Philadelphia, let contract for building one-story, 70 x 162 ft., machine shop here to Irwin & Leighton, 126 North Twelfth Street, Philadelphia. \$200,000.

GLEN OLDEN, PA.—H. K. Mulford Co., 428 South Thirteenth Street, Philadelphia, let contract for building and equipping one-story, 30 x 60 ft., refrigerating plant here to R. E. Lamb Co., 843 North Nineteenth Street, Philadelphia. \$40,000.

GRANVILLE, PA.—Home, orphanage and hospital costing \$250,000 were designed by Hauer & Mowere, Architects, 829 Cumberland Street, Lebanon, Pa., for the Knights of Malta Home and Hospital Association of Grand Commandery of Pennsylvania. Hon. W. W. Samuel, president Board of Governors, Mt. Carmel, Pa.

HARRISBURG, PA.—The State will soon receive bids for the construction of new buildings and extensions at three tuberculosis sanatoria to cost approximately \$250,000. There is to be a 180-bed addition at Hamburg, isolation hospital and other buildings at Cresson, and new lighting and heating plant at Mont Alto. An open air school is also planned for the latter.

HAUTO, PA.—Lehigh Navigation Electric Co., 802 Hamilton Street, Allentown, let contract for building addition to power plant to Phoenix Construction Co., 81 Broadway, New York City. \$1,250,000.

MILTON, PA.—Milton Mfg. Co. let contract for building one-story, 50 x 80 and 80 x 184 ft., concrete, brick and steel power house to Cleveland Construction Co., Citizens Building, Cleveland, Ohio. \$100,000.

PHILADELPHIA, PA.—American Pulley Co., 4200 Wisconsin Avenue, proposes building two-story, 50 x 80

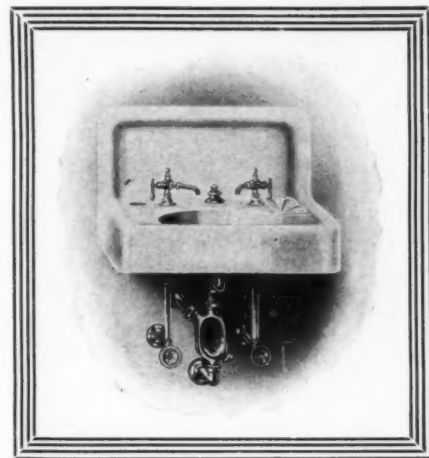
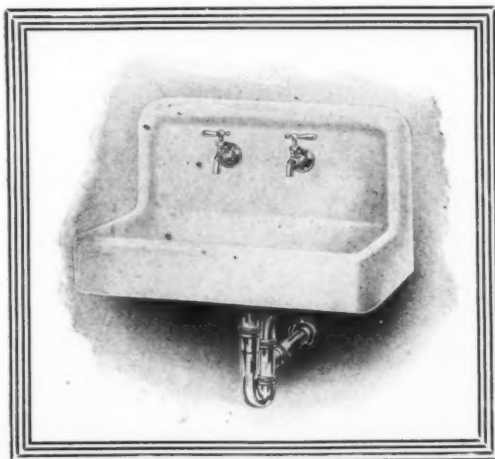
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ft., reinforced concrete addition. Ballinger & Pierrot, Seventeenth and Arch Streets, Architects. \$35,000.

PHILADELPHIA, PA.—Philadelphia Rapid Transit Co., 1035 Land Title Building, let contract for altering and repairing shops on Forty-ninth Street and Woodland Avenue to H. E. Baton, 1713 Sansom Street. \$45,000.

PHILADELPHIA, PA.—Emergency hospital buildings will be erected at a cost of \$500,000 for the United States Government. C. W. Parks, Chief Bureau of Yards and Docks, Navy Department, Washington, D. C.

PHILADELPHIA, PA.—Y. M. H. A., 1616 Master Street, plan to raise \$1,000,000 for new clubhouse and communal center. L. J. Obermeyer, Franklin Building, president.

PITTSBURGH, PA.—Braun Bros. Baking Co., Island Avenue and Magnolia Street, let contract for building four and five-story, 40 x 80 ft., addition to bakery to D. T. Riffle, Keenan Building. \$125,000.

SCRANTON, PA.—Delaware, Lackawanna & Western Railroad Co. has taken bids for the erection of a one-story addition to the boiler plant at its properties at Nanticoke. The new addition will be about 51 x 80 ft. and, in connection with the remodeling of the existing structure, will cost approximately \$40,000.

SMITHFIELD, PA.—Baltimore & Ohio R. R., Baltimore, Md., let contract for building 90 x 200 ft. frame, concrete and corrugated iron construction engine house and sand house to Frainie Bros. & Haigley, 20 Clay Street, Baltimore, Md. \$30,000.

WARREN, PA.—Warren Axe & Tool Co. contemplates building factory. \$45,000.

RHODE ISLAND

PROVIDENCE, R. I.—L. B. Darling Fertilizer Co., 327 Canal Street, soon lets contract for building two-story, 64 x 66 ft., reinforced concrete storage and machine shop on Smithfield Avenue. \$25,000.

SOUTH DAKOTA

MADISON, S. D.—City voted \$100,000 bonds to rebuild electric light plant.

TEXAS

CAMP MCARTHUR, TEX.—Considerable new electrical equipment will be required in connection with the new local refrigerating plant to be erected at a cost of \$50,000.

FT. WORTH, TEX.—Farmers & Mechanics National Bank, 712-714 Main Street, purchased site adjoining bank and plans to build fifteen-story office building.

WICHITA FALLS, TEX.—A building organization, capitalized at \$100,000, is being organized by B. F. Johnson, secretary of the local chamber of commerce, and others, for the purpose of constructing more houses to meet the growing demands for homes, caused by the oil boom.

VIRGINIA

NORFOLK, VA.—Hospital building was designed for United States Government. C. W. Parks, Chief Bureau of Yards and Docks, Navy Department, Washington, D. C.

NORFOLK, VA.—R. R. Richardson & Co., Bank of Commerce Building, Norfolk, Va., will construct galvanizing plants, oxy-acetylene generating plants at the navy yards here, at \$161,512.

NORFOLK, VA.—Seth H. Linthicum, 220 St. Paul Street, Baltimore, Md., will construct radio operating building and a cottage at the navy yard here at \$52,000.

QUANTICO, VA.—E. J. Hefflin, Law Building, Fredericksburg, Va., will construct offices, houses and administration building at the U. S. Marine barracks here, at \$254,800.

RICHMOND, VA.—The United States Shipping Board, Emergency Fleet Corporation, 140 North Broad Street, Philadelphia, will construct office building and storage house in connection with boiler plant in South Richmond. Total estimated cost, \$95,000.

RIVERTON, VA.—Shenandoah Valley Milling Co., 706 Munsey Building, Baltimore, Md., plans to build six-story flour mill and one-story power plant, brick, steel and reinforced concrete, to cost \$100,000. C. E. King, president. A. M. Quick, 706 Munsey Building, Baltimore, Md., Architect.

SHENANDOAH, VA.—J. P. Pettijohn & Co., Lynchburg, Va., awarded contract for constructing roundhouse, containing 21 stalls, for the Norfolk & Western Railway at approximately \$100,000.

WASHINGTON

ELLENSBURG, WASH.—C. W. Fulton awarded contract for constructing hospital at Third and Poplar Streets, on Craig Hill, at \$60,000.

SEATTLE, WASH.—Smelters Steel Co., White Building, had plans prepared for one and a half story, 90 x 100 ft., timber smelter plant in Commercial Waterway District No. 1. F. W. Grant, Mehlhorn Building, Architect.

SEATTLE, WASH.—Plans have been completed for the construction of a large lumber storage shed, containing 20,000 square feet of floor space and a heavy timbered planing mill, 160 x 120 ft., for the Stimson Mill Co., 5301-3 Shilshole Avenue. Total estimated cost, \$15,000. A. B. Pracna, Mill Architect.

SEATTLE, WASH.—W. T. Butler Construction Co., Central Building, this city, was awarded contract for constructing two story mill construction building, 90 x 60 ft., that will double the capacity of post office station, on the property of the Great Northern Railway Co., at the King Street Station.

SEATTLE, WASH.—Plans have been completed by Architect B. Marcus Priteca, Pantages Building, Seattle, covering the construction of a fireproof theater building in Salt Lake City, Utah, for the Pantages Circuit, headed by Alexander Pantages of Seattle, to cost \$1,000,000.

SPOKANE, WASH.—The stockholders of the Loon Lake Copper Co. voted bond issue amounting to \$90,000 for installing mill in Stevens County.

WEST VIRGINIA

MARTINSBURG, W. VA.—Cumberland Valley R. R., B. & O. Building, Baltimore, Md., let contract for building car and locomotive shops at Cumbo Junction, near here, to Price Construction Co., Maryland Trust Building, Baltimore, Md. \$100,000.

PARKERSBURG, W. VA.—City hospital will be remodeled at a cost of \$50,000. Architects, Samuel Hannaford & Sons, Hulbert Block, Cincinnati, Ohio. Owner, city of Parkersburg, J. L. Cramer, clerk, City Hall, Parkersburg.

WISCONSIN

BARTON, WIS.—Woodford Eng. Co. let contract to build two-story, 40 x 120 ft., brick and concrete addition to plant to Johnson & Drake, 905 Plymouth Building, Minneapolis, Minn.

JANESVILLE, WIS.—Tuberculosis sanitarium, costing \$50,000 to \$100,000, will be designed by Architects Van Ryn & De Gelleke, Caswell Building, Milwaukee.

KENOSHA, WIS.—County board voted to appropriate \$100,000 for the construction of a new county center including a county courthouse, county jail and suitable quarters for the circuit and municipal court.

MILWAUKEE, WIS.—Dominican Sisters of Grand Rapids, Mich., will have sketches prepared by E. Brielmaier & Sons, Architects, University Building, for convent here. \$250,000.

MILWAUKEE, WIS.—Boston Store, 319-331 Grand Avenue, plans to build five-story addition on Sycamore Street. Address N. Stone. \$500,000.

MILWAUKEE, WIS.—National Exchange Bank, Broadway and Michigan Avenue, is having plans prepared for building bank at 385-387 Water Street. W. M. Post, cashier. \$200,000.

MILWAUKEE, WIS.—Bath Houses—City had plans prepared for building four bath houses on McKinley Beach. D. McKeith, City Hall, Architect. \$70,000.

MILWAUKEE, WIS.—Milwaukee Co. plans to build court house on Grand Avenue and Eleventh Street. \$2,000,000.

MILWAUKEE, WIS.—Milwaukee Co. plans to build hospital on Grand Avenue and Twenty-fourth Street. \$1,000,000.

RHINELANDER, WIS.—Robb's Lumber Co. plans to build addition to planing mill. \$25,000.



Henry C. Smith, Architect, San Francisco.

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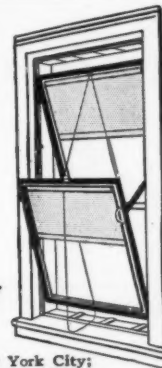
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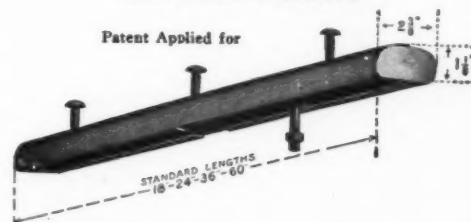
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BUILDING NEWS

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

ALABAMA

MONTGOMERY, ALA.—United States Post Office will be altered. Supervising Architect, J. A. Wetmore, Treasury Department, Washington, D. C. Owner, United States Government, Treasury Department, Washington.

ARKANSAS

PRESCOTT, ARK.—Post office will go up in Prescott at a cost of \$50,000. Acting Supervising Architect, Jas. A. Wetmore, Treasury Department. Owner, United States Government, Hon. Carter Glass, Secretary, Treasury Department. Both of Washington, D. C. Bids by Architect to 3 p.m. Jan. 8.

CALIFORNIA

LOS ANGELES, CAL.—A. Pantages, Pantages Building, is having plans prepared by M. Pretica, Architect, Seattle, Wash., for building six-story, 150 x 150 ft., brick and reinforced concrete theater on Seventh and Hill Streets. \$400,000.

SAN FRANCISCO, CAL.—Hospital and detention house is proposed for erection at a cost of \$250,000. Private plans. Owner, United States Government.

COLORADO

DENVER, COL.—The army's recuperation camp at Aurora, near here, will be enlarged so as to accommodate 3500 patients. The enlargement will cost approximately \$1,500,000 and consist of 36 additional buildings.

CONNECTICUT

ANSONIA, CONN.—Helenie Greek Orthodox congregation soon lets contract for building brick and steel church on Main Street. R. Williams, 185 Church Street, New Haven, Architect. \$85,000.

BRIDGEPORT, CONN.—St. Paul's Episcopal congregation, Kossuth Street, plans to build parish house on Park Street. Address B. F. Root, pastor. \$60,000.

BRIDGEPORT, CONN.—National Restaurants Corp., 1115 Main Street, let contract for improving and altering four-story building on Main and Middle Streets into restaurant, lunch rooms, banquet rooms, dance halls, etc., to T. J. Pardy Construction Co., 15 Fairfield Avenue. \$50,000.

HARTFORD, CONN.—Anderson Bros., 220 Windsor Avenue, are having plans prepared by Berenson & Moses, Architects, 26 State Street, for one and one-half story, 18 x 70 and 17 x 70 ft. monumental shop, and 18 x 20 ft. engine room, brick, concrete foundation.

HARTFORD, CONN.—Phoenix Mutual Insurance Co., 49 Pearl Street, had plans prepared by B. Morris, Architect, 101 Park Avenue, New York City, for six-story, 100 x 150 ft., brick and steel office, concrete foundation. \$500,000.

HOPEWELL, CONN.—F. W. Mellor, engineer, New York, New Haven & Hartford Railroad, New Haven, soon receives bids to build 70 x 106 ft. roundhouse, 40 x 80 ft. storage, also boiler house, bunk house and wash house here; brick and timber, concrete foundation. \$50,000.

LEESVILLE, CONN., (Moodus P. O.)—C. P. Perry, engineer, East Hampton, soon receives bids to build one-story timber and reinforced concrete power house addition, reinforced concrete flooring, concrete foundation on Salmon River, for Central Connecticut Power & Light Co., East Hampton. \$26,000.

NEW HAVEN, CONN.—State prison (twenty buildings) is contemplated. Architect L. W. Robinson, 42 Church Street, is drawing plans. Owner, State of Connecticut, care Col. N. G. Osborne, chairman of State Prison Commission, 239 Bradley Street.

DELAWARE

WILMINGTON, DEL.—Improvements costing a quarter of a million of dollars are to be made on the post office building here. An addition to the present structure involving an outlay of at least \$250,000 has been discussed in connection with the work.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Board of Directors Hebrew Home for Aged, 415 M Street, plans to build addition to hospital. \$50,000.

FLORIDA

FORT LAUDERDALE, FLA.—Frank Shellhouse, Indianapolis, and Adolph Hong, Chicago, Ill., are contemplating the construction of a combination apartment and clubhouse. Total estimated cost, \$150,000.

IDAHO

BOISE, IDAHO.—A packing plant to cost \$1,500,000 will be erected in Boise, Idaho, by a syndicate composed of Herbert Lemp Idaho Packing Co., the Davis Meat Co., Boise Valley Packing Co., and Ernest A. Evans. It will also be equipped for manufacturing by-products.

MONTPELIER, IDAHO.—S. A. Shreeve, Architect, Col.-Hudson Building, Ogden, Utah, is preparing preliminary plans for 80 x 150 ft. brick theater on Main Street here. \$70,000.

ILLINOIS

CHICAGO, ILL.—Emmanuel Temple (containing chapels, lunch rooms, cap. 2000 and offices): \$650,000; ten stories, 125 x 180 ft. Architect, Emery Stanford Hall, 3230 W. Monroe Street. Owner, Emmanuel and First Baptist Churches, Rev. Johnston, 3707 Grand Boulevard.

CHICAGO, ILL.—R. T. Kittredge & Co., 812 West Superior Avenue, plans to build one and two story brick and timber printing plant, concrete foundation, on Forty-seventh and Whipple streets. \$200,000.

CHICAGO, ILL.—Consumers' Packing Co., — South La Salle Street, let contract for building 125 x 325 ft., reinforced concrete packing plant at 1400 West Forty-sixth Street, to Salomon-Waterton Co., 343 South Dearborn Street. \$500,000.

CHICAGO, ILL.—O'Malley-Beare Valve Co., Ninety-fifth Street and Prairie Avenue, let contract for building two-story, 125 x 214 ft., reinforced concrete and brick factory, to Foundation Co., 209 South La Salle Street. \$180,000.

INDIANA

CULVER, IND.—Trustees of Culver Military Academy, 5661 Natural Bridge Road, St. Louis, Mo., are having plans prepared by A. Knell, Architect, 5661 Natural Bridge Road, St. Louis, Mo., for building library at Culver Military Academy Campus here. \$75,000.

NEWCASTLE, IND.—Clubhouse was designed by Architect J. W. Taylor, 818 S. Main Street, for Order of Eagles. James O. Crim, chairman Building Committee, Mouck Building. \$25,000.

IOWA

DES MOINES, IA.—Advance-Rumely Thresher Co., East Third and Vine streets, is having plans prepared by Proudfoot, Bird & Rawson, Architects, 810 Hubbell Building, for rebuilding three-story, 100 x 132 ft., plant, recently destroyed by fire. \$50,000.

IOWA CITY, IOWA.—State Board of Education, Salt Lake City, awarded contract to build two-story, 270 x 454 ft., reinforced concrete, brick and stone barracks here to T. Stark & Co., 118 South Eleventh Street, W., Cedar Rapids. Cost between \$180,000 and \$200,000.

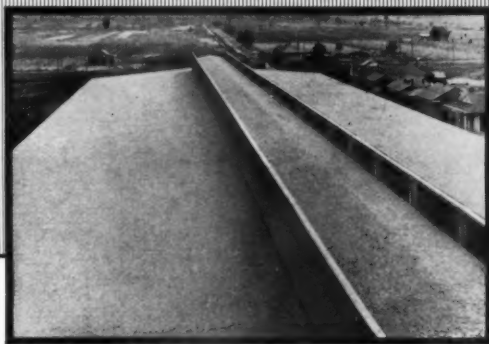
WATERLOO, IOWA.—Architect Clinton P. Shockley, 719 Black Building, is preparing sketches for \$75,000 structure for First Presbyterian Church, Rev. J. R. Macartneu, 102 Independence Avenue.

KANSAS

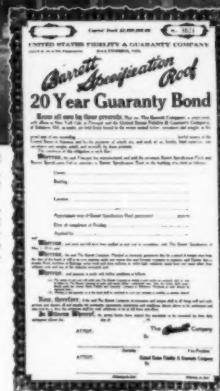
HOLTON, KAN.—Hospital will be erected at a cost of \$100,000. Architect not yet selected. Owner, Jackson County, care Philip Fricker, chairman. Bonds voted.

JUNCTION CITY, KAN.—City is having plans prepared for hospital. Bonds for \$50,000 voted for project. T. Dever, city engineer.

Barrett Specification Roofs



Barrett Specification Roof on Plant No. 3 of The Studebaker Corporation, at Detroit, Mich. Roofers: The Howie Company, Detroit, Mich. Photo at left: Barrett 20-Year Specification Roof on Acid Plant of Swift & Company, Harvey, La. Roofers: Kracke & Flanders Company, New Orleans, La. General Contractors: Hugger Bros., Montgomery, Ala.



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WICHITA, KAN.—Charles Lindsey and W. H. Lindsey, Wichita, Kan., and F. B. Wise, Indianapolis, Ind., have purchased a site at Abilene, Tex., upon which they will build an oil refinery to cost about \$750,000. The crude petroleum supply for the plant will be obtained from the Ranger field by means of a pipe line.

KENTUCKY

ASHLAND, KY.—First Methodist Episcopal congregation is having plans prepared by V. T. Ritter, Architect, First National Bank Building, Huntington, W. Va., for two-story, 100 x 140 ft. church on Carter and Eighteenth streets. \$110,000.

DAWSON SPRINGS, KY.—The United States Public Health Service, Washington, D. C., will construct tuberculosis hospital here to cost approximately \$1,500,000. L. A. D. Perry, Architect.

LOUISVILLE, KY.—Lodge building will cost \$25,000. A. R. Smith, New Albany, Ind., Architect. Owner, F. and A. M., No. 820. B. O. Ford, chairman Building Committee, 411 Louisville Trust Building, Louisville.

MAINE

BANGOR, ME.—Board of Education receives bids in spring for two-story, 60 x 144 ft., school. C. P. Crowell, 44 Central Street, Architect. \$60,000.

CARIBOU, ME.—Post office building will be erected at a cost of \$50,000. Acting Supervising Architect, Jas. A. Wetmore, Treasury Department, Washington, D. C. Owner, United States Government, care Architect.

FORT FAIRFIELD, ME.—Post office and customs house is contemplated to go up at a cost of \$80,000. Owner, United States Government, Treasury Department, Washington, D. C.

MARYLAND

ANNAPOLIS, MD.—James L. Marshall, McLaughlin Building, Washington, D. C., will construct general store building at the United States Naval Academy here at \$82,448.

BALTIMORE, MD.—Acker, Merrill & Condit Co., 220 North Charles Street, let contract for altering three three-story concrete and steel stores at 306-10 North Howard Street, to Consolidated Eng. Co., 243 Calvert Building. \$55,400.

MASSACHUSETTS

CAMBRIDGE, MASS.—Lever Bros. Co., 176 Broadway, let contract for building five-story, 75 x 170 ft., brick and reinforced concrete addition to factory to Stone & Webster, 147 Milk Street, Boston. \$500,000.

FOXBORO, MASS.—State Commission Mental Diseases, State House, Boston, had plans prepared for two-story, 60 x 130 ft., brick and timber hospital. Address M. Kline, 36 State House, Boston. \$105,000.

SOUTHBRIDGE, MASS.—Post office building will go up at a cost of \$62,000, one story and basement. 50 x 74 ft. Acting Supervising Architect, Jas. A. Wetmore, Treasury Department. Owner, United States Government, Treasury Department, Carter Glass, Secretary, Treasury Department. Both of Washington, D. C.

WORCESTER, MASS.—Crompton & Knowles Loom Works, Grand and Tainter Streets, awarded contract for building two-story, 85 x 100 ft., brick, reinforced concrete and steel storage plant, etc., to E. J. Cross Co., 82 Foster Street.

WORCESTER, MASS.—City is having plans prepared by Frost & Chamberlain, Architects, 390 Main Street, for building brick trade school for girls on High and Chatham streets. L. E. Buckley, trustee. \$200,000.

MICHIGAN

DETROIT, MICH.—N. Rosen, 1421 Seminole Avenue, is having plans prepared by P. J. Rossello, Architect, 406-7 Congress Building, for four-story, 80 x 80 ft., brick and reinforced concrete factory, reinforced concrete flooring and concrete foundation, on Larned and Third streets.

DETROIT, MICH.—City let contract for building two-story, 66 x 88 ft., brick, steel and reinforced concrete fire house, on Helen and Miller Avenues, to M. Bartholomaei Sons Co., 466 Warren Avenue, and A. Hild & Son, 680 Orleans Street. \$53,180.

DETROIT, MICH.—Detroit Wire Spring Co., Westminster and Russell streets, let contract for building one-story, 80 x 400 ft., reinforced concrete and steel addition to factory, to H. G. Christman Co., 315 Stevens Building. \$58,000.

DETROIT, MICH.—F. Stearns & Co., Jefferson Avenue, are having plans prepared by Albert Kahn, Architect, Marquette Building, for eight-story, 100 x 110 ft., steel and reinforced concrete drug manufacturing plant on Jefferson and Belvue Avenues.

FLINT, MICH.—Church costing \$25,000 will be erected by First Baptist Church, Fred. W. Seran, agent, 429 East Street.

GRAND RAPIDS, MICH.—Plans are being prepared for the construction of a convent to be erected for the Dominican Sisters. The building will be four stories, reinforced brick and concrete construction, and will cost approximately \$250,000. E. Brielmaier, Milwaukee, Wis., Architect.

HAMTRAMCK, MICH.—Theater and stores have been planned by Architect J. G. Kastler & Co., 524 Chamber of Commerce Building, Detroit, Mich. \$85,000.

HOWARD CITY, MICH.—Plans have been prepared for the construction of a factory to be erected here by the Gillett Motor Truck Products Co., which has been organized here with a capital of \$90,000. The building will be one story, 65 x 200 ft., of steel construction.

LANSING, MICH.—State is having plans prepared by E. A. Bowd, Architect, 127 Allegan Street, W. Project under supervision of C. W. Foster, state senator. \$800,000.

MINNESOTA

AURORA, MINN.—Board of Education is having plans prepared by Rytie & Chapman, Architects, Auditorium Building, Minneapolis, for high school to include manual training and domestic science departments, swimming pool and gymnasium.

HIBBING, MINN.—Oliver Iron Mining Co., Wolvin Building, Duluth, awarded contract for building three-story, 45 x 145 ft., reinforced concrete, brick and steel addition to hospital to Jacobson Bros., 410 Columbia Building, Duluth. \$300,000.

HIBBING, MINN.—S. S. Rumsey, Architect, Wolvin Building, Duluth, receives bids about Feb. 1 for building two-story, 106 x 125 ft., reinforced concrete, brick and steel addition to building of Oliver Iron Mining Co., Wolvin Building, Duluth. \$100,000.

MANKATO, MINN.—Bids will be received about Jan. 15 or Feb. 1 for constructing superstructure of a two-story school building, 60 x 153 ft., to cost approximately \$100,000. C. Pass & Son, Eckle Building, Architect.

ST. PAUL, MINN.—City plans to build hospital on Robert and University Avenues. O. Claussen, city engineer. \$200,000.

ST. PAUL, MINN.—Hospital to cost \$400,000 was designed by Architect Lambert Bassindale, 321 Capital Bank Building, for Cobb Hospital Association, H. B. Humason, president, care American National Bank.

ST. PAUL, MINN.—Church has been designed by Architect W. L. Alban, Endicott Building, for Emanuel Evangelical Church, Rev. C. B. Frank, 704 E. Fourth Street. \$30,000.

MISSOURI

KANSAS CITY, MO.—Federal Reserve Bank is having plans prepared by Graham, Anderson, Probst & White, Architects, 80 East Jackson Boulevard, Chicago, Ill., for ten-story bank on Tenth Street and Grand Avenue. \$1,000,000.

KANSAS CITY, MO.—Plans are being prepared for the construction of nine-story bank and office building, 160 x 114 ft., stone, steel, concrete and granite, to cost approximately \$500,000, for the Federal Reserve Bank. Wight & Wight, this city, Architects.

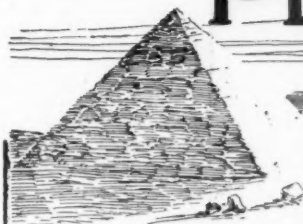
KANSAS CITY, MO.—Bids will be received by James A. Wetmore, Acting Supervising Architect, Treasury Department, Washington, D. C., for altering and enlarging post office building and grading McGee Street, between Admiral Boulevard and Ninth Street. Estimated cost, \$500,000.

ST. LOUIS, MO.—Bids will be received by Henry P. Hess, 3811 Cote Brillant Avenue, St. Louis, for constructing building on Clayton Road by Christian Brothers' College, brick and concrete construction, three stories and basement. Total estimated cost, \$200,000.

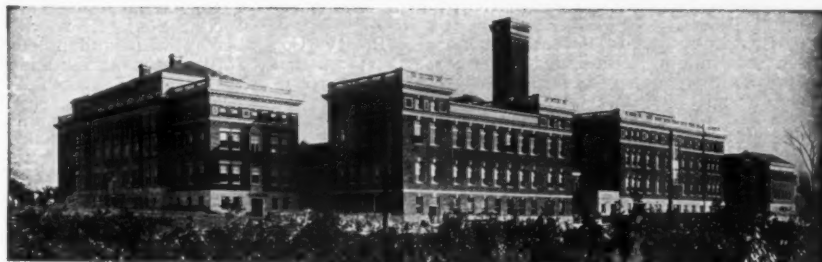
ST. LOUIS, MO.—Inland Machine Co., Seventeenth and Locust streets, will build two-story, 75 x 400 ft. factory. O. G. Stark, general manager Brussel & Viterbo, Wright Building, Architects. \$100,000.

ST. LOUIS, MO.—Church, hall and parsonage to cost \$30,000 has been designed by Architect J. M. Dunham, Chemical Building, for St. Michael's Russian Church, Rev. Alexis Dankevich, 1125 Hickory Street.

PERMANENCY



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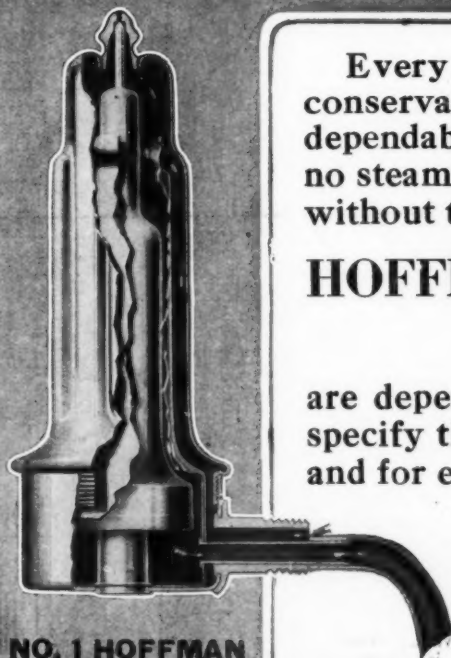
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ST. LOUIS, Mo.—City had preliminary plans prepared and plans to issue \$200,000 bonds to build new fire house. L. R. Bowen, 300 City Hall, engineer.

ST. LOUIS, Mo.—S. Hamburg, Jr., 2407 North Broadway, is preparing plans for six-story, 115 x 465 ft., brick, reinforced concrete and steel theater on Delmar and Clara Avenues. S. Koplir, 6009 McPherson Avenue, engineer.

ST. LOUIS, Mo.—Goodyear Metallic Rubber Shoe Co., 500 Bittner Street, let contract for building two-story, 62 x 66 ft., brick, concrete and steel factory, concrete foundation, to Unit Construction Co., 1225 Title Guaranty Trust Building. \$35,000.

ST. LOUIS, Mo.—Seventeenth Street Realty Co., Frisco Building, Ninth and Olive Streets, let contract for building nine-story, 121 x 135 ft., reinforced concrete and steel office on Seventeenth and Washington Streets to Murch Bros. Construction Co., Century Building. \$500,000.

NEBRASKA

OMAHA, NEB.—J. P. Jerpe, Comn. Co., Eleventh and Howard streets, soon lets contract for building two-story, 110 x 132 ft., reinforced concrete, brick and mill construction warehouse and store at 1102-12 Davenport Street. H. Lawrie, 619 Paxton Block, Architect. \$50,000.

NEW JERSEY

BAYONNE, N. J.—J. Filmore Cox Corp. acquired 11 acres of land on Newark Bay and Eleventh Street and plans to build concrete and steel factory. M. Cronan, City Hall, secretary.

JERSEY CITY, N. J.—Fire House—City plans to issue \$3,985,000 bonds for new work. Plans include building new fire house on Palisade Avenue. C. Van Keuren, city engineer. \$125,000.

JERSEY CITY, N. J.—City plans to issue \$3,985,000 bonds for various improvements, to be floated in three parts. First issue will be for \$44,000 for drawing plans for new schools Nos. 6, 8, 10 and 23 in Lafayette and Greenville and enlargement and improvements to schools Nos. 11, 14, 17, 35, 9, and 20; second issue \$1,559,392; \$590,000 for new Lincoln High School, \$197,000 for school No. 16, \$115,000 for school No. 36, \$180,000 for school No. 4 and \$198,000 for administration building and power house for Lincoln High School, etc.; third issue \$2,381,550; \$1,335,000 for new city hospital and nurses' home, fire engine houses, etc. J. F. Gannon, Jr., director.

KEARNY (ARLINGTON P. O.), N. J.—Town let contract to build two-story fire house and police station, 40 x 65 ft., brick and timber, concrete foundation, on Lincoln Highway, to J. P. Boyle, 116 Washington Street, Newark. \$74,529.

NEWARK, N. J.—Edison Lamp Works of General Electric Co., Sussex Street, Harrison, purchased site here on Freylinghuysen and Evergreen Avenues and plans to build factory.

SCOTCH PLAINS, N. J.—Jail will cost \$25,000; two stories, 50 x 100 ft. Architects, Oakley & Son, 1259 Clinton Place, Elizabeth, N. J.

NEW YORK

BOLTON LANDING, N. Y.—Clubhouse to cost \$125,000 was designed by Architect C. A. Patterson, 50 E. Forty-second Street, New York City, for Green Island Improvement Co., John Boulton Simpson, president, 12 W. Forty-fifth Street, New York City.

BROOKLYN, N. Y.—Bakery costing \$50,000 will go up at 772 Nostrand Avenue. Architect, C. D. Cooley, Century Building, Pittsburgh, Pa. Owner, B. A. Cushman Co., Inc., M. Naples, 772 Nostrand Avenue, Brooklyn.

BROOKLYN, N. Y.—School costing \$80,000 will be planned by Architects Helmle & Corbett, 190 Montague Street. Owner, St. Gregory's R. C. Church, 1006 Sterling Place.

BUFFALO, N. Y.—E. C. Hartwell, superintendent of schools, made report to City Council, requesting construction of twelve new schools. \$8,000,000.

BUFFALO, N. Y.—W. P. Whitney, Architect, 38 South Dearborn Street, Chicago, is preparing plans for construction of clay products plant in suburbs here. Plans include one-story, 12 x 700 ft., conveyor house, one-story, 57 x 200 ft., warehouse, two small storage buildings, two storage bins and three other buildings. \$100,000.

EAST BUFFALO, N. Y., (Buffalo P. O.)—Delaware Lackawanna & Western Railroad, Main Street, had

plans prepared for one-story, 135 x 650 ft. shop here. G. J. Ray, Hoboken, N. J., chief engineer. \$100,000.

HOLLIS, L. I., N. Y.—Architect C. B. J. Snyder, Municipal Building, New York City, has plans for Public School No. 35 (two buildings, annex); \$75,000. Owner, Board of Education, Arthur A. Somers, president, 500 Park Avenue, New York City.

LONG ISLAND CITY, L. I., N. Y.—Silk mill costing \$60,000 will be planned for a site at William Street and Freeman Avenue, Long Island City. Engineer, Wright Seabury, Pawtucket, R. I. Owner, Aaron Cohen, 212 Fifth Avenue, New York City. Brick, fireproof.

NEW YORK, N. Y.—F. T. Ley, 19 West Forty-fourth Street, will build nineteen-story clubhouse, 100 x 200 ft., limestone, brick and steel, at Thirtieth and Thirty-first Streets, Seventh Avenue. \$1,500,000.

NEW YORK CITY, N. Y.—Cunard Steamship Co., 25 Broadway, had preliminary plans prepared by B. Morris, Architect, 101 Park Avenue, for 250 x 250 ft., steel and brick office, concrete foundation. \$4,000,000.

POUGHKEEPSIE, N. Y.—Knickerbocker Motor Co., Inc., awarded contract for building one-story, 60 x 180 ft., brick and timber factory, concrete foundation, to E. V. Anderson, — Market Street. \$40,000.

UTICA, N. Y.—The Free and Accepted Masons of the State of New York have in contemplation the construction of a million dollar home and hospital on the Masonic grounds for the care of wounded brethren. Ground for the building will be broken next spring; \$350,000 has already been raised toward the project.

WHITE PLAINS, N. Y.—Board of Supervisors, Westchester County, let contract for rebuilding two and three-story almshouse and hospital, 100 x 250 ft., timber, brick foundation, to F. M. Gobel, 299 Madison Avenue, New York City. \$80,000.

NORTH CAROLINA

GREENSBORO, N. C.—City election will take place Jan. 7 to vote on \$100,000 bonds to improve and build schools. J. N. Willis, chairman.

WILMINGTON, N. C.—George A. Fuller Co., Munsey Building, Washington, D. C., was awarded contract for constructing 150 to 200 additional dwellings for shipyard workers at an approximate cost of \$500,000.

OHIO

AKRON, OHIO.—B. F. Goodrich Co., Cherry and Canal Streets, is having plans prepared by Griggs & Meyers, engineers, 110 West Fortieth Street, New York City, for altering power plant. \$750,000.

CINCINNATI, OHIO.—It is reported that the National Biscuit Co. plans to erect a large baking plant in Cincinnati, estimated to cost \$1,500,000.

CLEVELAND, OHIO.—Cleveland Union Terminal Co., Cleveland, is having surveys made by Barclay, Parsons & Clapp, 60 Wall Street, New York City, for building twenty-story, 200 x 300 ft., brick and steel office building and railroad terminal, concrete foundation. \$15,000,000.

COLUMBUS, OHIO.—The A. Bentley & Sons Co., Toledo, received contract for constructing stockyards building along the Pennsylvania track in the vicinity of Woodland Avenue. The cost will be approximately \$100,000.

ELYRIA, OHIO.—Garford Motor Truck Co.; Olive Street, is having plans prepared for 100 x 300 ft. addition to plant. \$300,000.

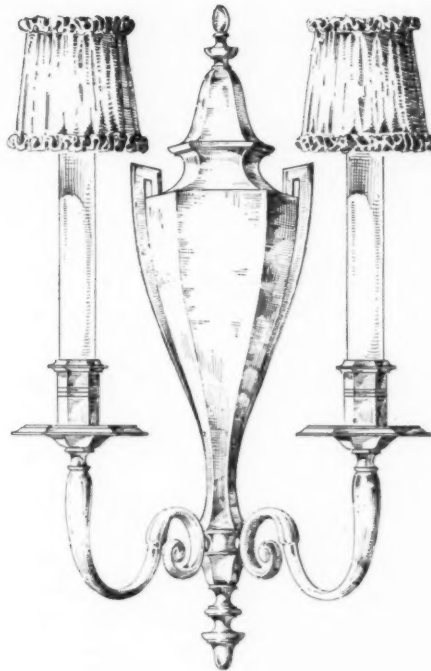
TOLEDO, OHIO.—The Standard Steel Tube Co. will spend approximately \$500,000 in constructing a large steel plant. All factory buildings will be of concrete, brick and cement, with steel framework. H. C. Truesdale, vice-president and secretary.

TOLEDO, OHIO.—An institutional and community center church, to cost approximately \$150,000, will be constructed at Dorr Street and City Boulevard next spring by the Redeemer Evangelical Lutheran congregation. Rev. H. H. Creager, pastor and president of the Board of Trustees.

YOUNGSTOWN, OHIO.—Plans for a six-story fireproof banking building in W. Federal Street, to cost \$1,000,000, have been prepared for the Equity Savings & Trust Co.

ZANESVILLE, OHIO.—Y. M. C. A. building to cost \$250,000 is contemplated, four stories and basement, 132 x 140 ft. Architect, C. D. McLane, 301 Robinson Building, Rock Island, Ill. Associate Architect, A. A. Hansen, People's Bank Building, Zanesville. Owner, Y. M. C. A., D. S. Snedeker, secretary, Main Street, near Third, Zanesville. Revising plans.

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OKLAHOMA

MIAMI, OKLA.—T. L. Robinson plans to build ten-story brick and reinforced concrete office.

OKMULGEE, OKLA.—N. M. Kimbley receives bids about Jan. 15 for building six-story, 50 x 100 ft., reinforced concrete, brick and stone office. Smith, Rea & Lovitt, 602 Finance Building, Kansas City, Mo., Architects. \$130,000.

PENNSYLVANIA

ARDMORE, PA.—Autocar Co., Lancaster Avenue, had plans prepared for five-story, 100 x 125 addition to machine shop, and one-story, 60 x 150 ft., heat treatment plant. H. W. Castle, Girard Building, Philadelphia, Architect.

BETHLEHEM, PA.—Grade school to cost \$150,000 was designed by Architect V. T. Ritter, North American Building, Philadelphia, Pa., for Bethlehem School District, Harry W. Lewis, president, Packer and Brodhurst Avenues, Bethlehem.

BLAIRSVILLE, PA.—Schwarzenback-Huber Co., Eighth Avenue and Twenty-fifth Street, Altoona, plans to build two-story, 80 x 114 ft., brick silk mill costing \$75,000. J. Willard, Hutchinson Building, Altoona, Architect.

CARLISLE, PA.—Power house will be erected on E. Leuther Street, Carlisle. Architect, Andrew J. Sauer, 214 Chestnut Street, Philadelphia, Pa. Owner, E. B. Beetem & Sons, E. Leuther Street. \$50,000.

CHESTER, PA.—Business college will be erected at a cost of \$50,000, three stories, 42 x 110 ft. Architect, Frank C. Watson, care Josiah Sleeper, owner, 625 Welsh Street.

FRANKFORD, PA.—(Phila. P. O.)—Illingsworth Steel Co., Lewis and Tacony Streets, Philadelphia, let contract to build one-story iron, steel and concrete factory here, to Irwin — Leighton, Twelfth and Cherry streets, Phila. \$30,000.

MARIETTA, PA.—Engine house costing \$500,000 has been designed by Architect Wm. H. Cookman, Broad Street Station, Philadelphia, Pa., for Pennsylvania Railroad Co., Elisha Lee, Broad Street Station.

OGDENSBURG, PA.—New York Central Railroad, Grand Central Terminal, New York City, let contract for building one-story, 30 x 60 ft., reinforced concrete coaling plant, reinforced concrete flooring and concrete foundation, here, to R. H. Beaumont, Drexel Building, Philadelphia. About \$43,000.

PHILADELPHIA, PA.—George Kessler Contracting Co., this city, has contract for constructing three-story brick and concrete factory building at 3336-38 Market Street for the Supplee-Wills-Jones Co., at an approximate cost of \$58,000.

PHILADELPHIA, PA.—Office Building Realty Co. let contract for building addition to office building at 1512 Walnut Street to A. R. Raff, 1635 West Thompson Street. \$69,911.

PHILADELPHIA, PA.—Department of City Transit, Bourse Building, plans to build 20 x 60 ft., brick and steel passenger stations on new Frankford Elevated Railway, as follows: two on Torresdale and Kensington Avenues, two on Tioga Street and Kensington Avenues, one on Front and York Streets, one on Front and Dauphin streets, two on Front and Berks streets, two on Front Street and Girard Avenue, one on Front street and Fairmount Avenue, and one on Front and Green streets. About \$15,000 each. H. Binswanger, Bourse Building, Architect.

PITTSBURGH, PA.—J. Horne Co., Penn and Fifth Streets, let contract for building one-story, 70 x 150 ft., brick and reinforced concrete addition to store on Penn Street to Schultz, Schriener & Clyde Co., May Building. \$60,000.

SOUTH CAROLINA

GREENVILLE, S. C.—Authority has been granted to this city, through the State Council of Defense, to resume the work of constructing an addition to the city hospital at an estimated cost of \$125,000. The Gallivan Building Co. has the contract.

SOUTH DAKOTA

HURON, S. D.—The Equity Creamery Co. plans to construct a \$100,000 plant here.

SIoux FALLS, S. D.—Hospital costing \$75,000 was planned by Architects Perkins & McWayne, Paulton Block, Sioux Falls, for Madison Hospital Association, Dr. Frudenfelt, Madison.

TEXAS

ABILENE, TEX.—It has been announced that Charles Lindsey and W. H. Lindsey, Wichita, Kan., and F. D. Wise, Indianapolis, Ind., will construct an oil refinery here. The plant will cost approximately \$750,000.

DALLAS, TEX.—Federal Reserve Bank of Dallas is having plans prepared by Graham, Probst & White, Architects, Railway Exchange Building, Chicago, Ill., for five-story, reinforced concrete bank. \$750,000.

GALVESTON, TEX.—The Bureau of Yards and Docks, Washington, has completed plans for the construction of a new industrial works and shop building at Galveston, to cost about \$270,000.

HOUSTON, TEX.—The Crown Oil Co., Houston, has purchased a tract of land on the ship channel near that city, on which it will build an oil refinery to cost approximately \$1,000,000.

UTAH

BRIGHAM, UTAH.—Brigham Fruit Growers' Association, Forrest Street, plans to build brick opera house on Center Street. \$60,000.

RICHMOND, UTAH.—Board of Education, Cache County (Logan), plans to build school costing \$75,000.

SALT LAKE CITY, UTAH.—Board of Education plans to build two two-story schools on First Street, N., and Third Street, W., also on Second Street, S., and Second Street, W. \$60,000.

VERMONT

MIDDLEBURY, VT.—Trowbridge & Livingston, Architects, 527 Fifth Avenue, New York City, soon receive bids for building two-story, 100 x 150 ft., brick and steel hospital for E. F. Porter, care of architects. \$85,000.

VIRGINIA

NORFOLK, VA.—All bids were rejected and plans abandoned by Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing emergency hospital here.

NORFOLK, VA.—I. Fass, Water Street, plans to build a one-story, 111 x 115 ft., ice and cold-storage plant. \$50,000.

RICHMOND, VA.—Federal Reserve Bank is having plans prepared by T. Bruce Boyd, Inc., engineers, 286 Fifth Avenue, New York City, for five-story bank, 90 x 110 ft. \$300,000.

YORKTOWN, VA.—Hughes, Foulkrod & Co., Philadelphia, Pa., received contract for constructing five buildings, steel and concrete, for the United States Government Naval Mine Depot here, at \$595,404.

YORKTOWN, VA.—Consolidated Engineering Co., Calvert Building, Baltimore, Md., was awarded contract for constructing ten magazine buildings, concrete, steel and tile, one story, 31.6 x 141.6 ft., at an approximate cost of \$223,000.

WISCONSIN

BELOIT, WIS.—Architect W. R. Gibbis, 160 W. Jackson Street, Chicago, Ill., has designed theater to cost \$100,000 for Julius Stern and Maurice Fleckles, New York City, and L. Jacobs, Hollywood, Cal.

EAU CLAIRE, WIS.—Church has been designed by Architects Holmes & Flinn, 8 S. Dearborn Street, Chicago, Ill., for First Congregational Church, J. A. Playter, care Eau Claire National Bank, Eau Claire. \$85,000.

MILWAUKEE, WIS.—Manufacturing plant to cost \$150,000, one story, 264 x 360 ft., is proposed for Twenty-seventh Street, near Lake Street. Architect, Federal Engineering Co., Stephenson Building. Owner, Evinrude Motor Co., 279-81 Walker Street.

MILWAUKEE, WIS.—Evinrude Motor Co., 279 Walker Street, plans to build 300 x 300 ft. factory on Twenty-seventh Street north of Lake Street. Federal Engineers Co., 444 Milwaukee Street, engineers.

PLAIN, WIS.—H. T. Liebert, Architect, 632 First National Bank Building, Milwaukee, receives bids in January for building two-story, 100 x 150 ft., brick, steel and reinforced concrete church for St. Luke's congregation. \$80,000.

SUPERIOR, WIS.—Board of Education receives bids about March for building three-story, 94 x 188 ft. and 54 x 68 ft., brick and reinforced concrete school on Twenty-first Street and Lambarn Avenue. \$200,000. F. E. Johnson, Superior, Architect.

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239 WEST 39TH ST., NEW YORK

JULY TO DECEMBER, 1918

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