THE WESTERN ARCHITECT

VOLUME XVI
NUMBER 6
DECEMBER 1910
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TRIPPS DANCING ACADEMY, ST. LOUIS, MISSOURI
George H. Kenworthy, Architect

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THE WESTERN ARCHITECT
OCTOBER 1910
ALTERNATE PRELIMINARY PLANS AND ELEVATION OF NEW MERAMEC SCHOOL, ST. LOUIS, MISSOURI

WILLIAM B. LYTLE, Architect, Commissioner of School Buildings
RESIDENCE AT BALTIMORE, MARYLAND
RESIDENCE AT MINNEAPOLIS
A. R. Van Dyck, Architect

First Floor Plan

Second Floor Plan

THE WESTERN ARCHITECT
SEPTEMBER 1910
EPISCOPAL CHAPEL, CORONADO BEACH, CALIFORNIA

Reid Brothers, Architects, San Francisco, California
APARTMENT HOUSE BUILT ON A SIDE HILL, SAN FRANCISCO, CALIFORNIA

STONE AND SMITH, ARCHITECTS
NEW ASHLAND SCHOOL, ST. LOUIS, MISSOURI.
WILLIAM B. ITTNER, ARCHITECT.
REAR VIEW

ST. LOUIS COUNTY COURTHOUSE, DULUTH, MINNESOTA
D. H. Burnham and Company, Architects, Chicago
GARDEN VIEW
RESIDENCE OF MR. JULIUS ROSENWALD, CHICAGO, ILLINOIS
NIMMONS AND FELLOWS, ARCHITECTS
THE JUDICIAL VIRTUES

ONE OF FOUR DECORATIVE PANELS OVER JUDGE'S DESK IN LUZERNE COUNTY COURT HOUSE, WILKES-BARRE, PENNSYLVANIA

BY KENYON COX, NEW YORK

McCOMICK AND FRENCH, ARCHITECTS

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of the Minneapolis by Electric, of portion Wyman & Co. The iron work was by S. J. Groves & Son. The artificial stone work around the church is by the Andrews Paving Co. The tile work was furnished by the Northwestern Marble & Tile Co. The wood tracery screens around the organ were by S. Bradstreet & Co. The organ was rebuilt and enlarged by John S. Hawkins, of Minneapolis. The hardware came from the Warner Hardware Co. The ornamental hinge plates for the outside doors are from V. P. Hollis, Minneapolis. The heating and ventilating plant was designed by Charles L. Pillsbury, engineer. The fans used are the Sirocco type of the American Blower Co.

19th EDITION OF HENDRICK'S COMMERCIAL REGISTER

The 19th annual Revised Edition of Hendricks' Commercial Register of the United States for Buyers and Sellers has just been issued. It is by far the most complete edition of this work we have so far published. The 18th edition required eighty-seven pages to index its contents, while the 19th edition requires just one hundred pages, or thirteen additional pages. As there are upwards of four hundred classifications on each page, the thirteen additional pages represent the manufacturers of over five thousand and sixty of which have appeared in any previous edition. The total number of classifications in our book is 35,481, each representing some machine, tool, specialty or material required in the architectural, engineering, mechanical, electrical, railroad, mine and kindred industries. The 18th edition numbered 1,220 pages, while the 19th edition numbers 1,344 or 124 additional pages. We also omitted one hundred and fourteen pages of matter from the new edition that appeared in the 18th edition. This makes a total of two hundred and thirty-eight pages of new matter. The whole representing upwards of 500,000 names and addresses. An important feature of our Commercial Register is the simplicity of its classifications. They are so arranged that the book can be used for either purchasing or mailing purposes. As an illustration—we first classify all manufacturers of a particular trade under a general heading for mailing purposes, then sub-divide each firm or corporation under as many classifications as every variety of their products call for. By this system of compiling, our book is made of equal value for either the purchasing or sales departments. No other publication embodies these features.

Again, the value of our Commercial Register for Purchasing purposes is not confined to its complete classifications alone, it also gives much information following the names of thousands of firms that is of great assistance to the buyer, and saves the expense of writing to a number of firms for the particular article required. This latter information is also not found in any other similar publication. We also include the trade names of all articles classified in our book as far as they can be secured. These trade names appear in parenthesis between the names and addresses under the classifications where they appear. The book is revised, improved and issued annually and has been since 1891. It is expressed to any part of the country on receipt of $10.00 by S. E. Hendricks Co., Publishers, 74 Lafayette Street, New York.

YALE DOOR CHECKS

The Yale & Towne Mfg. Co., of New York and Stamford, Conn., have sent to this office a copy of a 40 page publication just off the press, which illustrates and describes their extensive line of door closing devices.

In addition to the well known Blount Check, made in six sizes and adapted to all sizes of doors and conditions of
use, the company has more recently put on the market three additional checks.

The Blunt-Holder Check is similar to the original Blunt Check but has the added feature that it not only shuts doors gently, but also holds them open as well.

The Yale Double-Acting Check is more ingenious; as the name implies, it closes double-acting doors; brings them to their normal position without a single flip-flap, and prevents the noisy, draughty, dangerous oscillations usual to doors with double-acting hinges.

The fourth device, their Yale Checking Floor Hinge, performs all the functions of the regular Blunt Door Check. It is a combined spring and check in one and is placed in the floor under the door. Their Catalogue states that it is specially intended for use on butlers’ pantry doors.

In the announcement of their catalogue they say a Door Check has been defined as “A device intended to curb the perilous activity of a door spring by compelling it to behave decently.” The fault of a door spring prompted the invention of a door check.

The book is carefully printed on coated paper with an abundance of wash drawings and reproductions of photographs. The cover is green with special hand lettering in black and yellow; all together the book is the most pretentious issued by any manufacturer in connection with door checks and presents by far the most extensive line in the market.

The excellent advertising suggestions which it gives for promoting the sale of checks (on pages 35 to 38 inclusive) are novel and interesting. These pages alone should make the book of much value to the hardware dealer.

ANNOUNCEMENT OF McCrum-Howell Co.

In order that we might extend our sales organization to provide for the vacuum cleaning business, which promises to assume enormous proportions, and at the same time better serve the trade with boilers and radiators, we have taken over the business of the Model Heating Company, Philadelphia and New York; the Cameron-Schroth-Cameron Company, Chicago; The American Air Cleaning Company, Milwaukee, Wis.; The Vacuum Cleaner Company, New York, and the Sanitary Devices Mfg. Co., San Francisco.

With the increased selling organization, we will be able to serve the trade in better manner than was heretofore possible with each separate company; and we will also be able to quickly acquaint the entire heating and plumbing trade as well as the public with the possibilities and advantages of vacuum cleaning.

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Don’t let the weather deceive you—the days are warm, but the nights and mornings are cold. Cold weather is not conducive to quick setting, and long time sets mean slow hardening, thus reducing the strength of the concrete for a considerable period. Mr. Contractor, as a precaution watch the weather—give your work ample protection, and—most important of all—heat the material and the water. This will insure satisfactory work.

ORGANIZATION OF THE OAKLAND ARCHITECTURAL CLUB

One of the latest architectural clubs to come into existence and one which seems to show much promise, is the Oakland Architectural Club. The administration of same will be along lines similar to other such clubs, including class-work, exhibitions, etc. Oakland appears to offer a good field owing to considerable architectural activity and the support as promised the Club would seem to assure its success. The officers as elected are: President, Hart Wood; vice-president, R. B. Mead; secretary-treasurer, W. J. Wilkinson; directors, John Galen Howard, Louis C. Mulgardt, Oswald Spier and C. E. Richardson.

FOURTH EDITION OF KAHN SYSTEM STANDARDS

The 1910 edition of “Kahn System Standards” has just been received from the printer.

It contains a number of additions and revisions so as to include the best and most modern ideas on reinforced concrete designing and estimating, waterproofing, etc. The subject of “Waterproofing” has been completely rewritten and entire new sets of tables for Hooped Columns and Footing added. This publication also contains data on the various KAHN SYSTEM products for reinforced concrete, steel lath, fireproofing, steel windows, etc.

“Kahn System Standards” will be furnished free to practicing architects, engineers, contractors and builders. A charge of fifty cents is made to others.

“THE ARROW"

As clever and unique a little publication as it has ever been our pleasure to receive is “The Arrow.” This little booklet is sent out each month by the N. & G. Taylor Company, of Philadelphia, manufacturers of the Reliable Target and Arrow Old Style Roofing Tin. The cover design of each number during the year has been especially attractive and the text is both spacy and instructive. Advertising managers would get many ideas from the versatile chap who has designed and written these good things.

Architects will do well to have each number come to their desks regularly. The N. & G. Taylor Company will be glad to forward them upon request.

A unique booklet has just been issued by the Kellogg-Mackey Company illustrative of their Modern Improved Boiler for Steam or Hot Water. The booklet will be sent upon request to any architect.

NEW BUILDING OF ANCHOR STONE CO., MINNEAPOLIS

The above cut shows the new factory of the Anchor Stone Company, located at the corner of Lake and Lyndale in Minneapolis. The structure is 40x113, two stories and basement, and is equipped with every facility for carrying on the work. Mr. Adolph Johnson, the manager, has been making these trusses for the past 20 years, with but little change in construction. Some of the later improvements include reinforcement at the points of greatest strain—also providing special grip for wringers. These trusses are shipped as far west as Seattle, as far north as Winnipeg, south to St. Louis, and east to West Virginia. Nothing has yet displaced them in popular favor, and they are in every way a safe tub to specify.
In the past decade wonderful advancement has been made in various crafts, and more evident than many is the work of the art metal worker. Since the seventeenth century, when the Dutch and French brought their work to North America, demand has caused great development in this line, and at this present day many skilful examples of ornamental iron and bronze adorn our buildings, which show excellent execution in both forged and cast work. The accompanying illustrations show some recent work in this line.

The Marquise, or canopy, in the past few years has become quite prominent on our most elaborate buildings, and truly places quite a stunning importance to the architectural treatment. Grilles for entrances and openings, both for public buildings and private homes, have taken an important place to serve as an enrichment. Also one sees exquisite craftsmanship on gates, fences, lamps, stairs, railings and other work adjoining our public, commercial and private buildings.

Art metal work is not to be employed for cheapness, for a workman will labor many days to produce a correct form in metal, while with softer materials a few hours will bring the desired result.

The workshop for the modern execution of ornamental iron and bronze has numerous departments, such as the designing and drafting departments, modeling and wax-pattern departments, wood pattern shop, wrought iron, forging and fitting shop, iron foundry, brass and bronze foundry, fitting shop for cast metals besides several other minor departments.

The present methods of manufacture are quite different from the time of the old village blacksmith; however, the smith of today is a very important factor.
USE OF CONCRETE TO SECURE LANDSCAPE EFFECTS

As illustrated below, it is difficult to secure finer effects in bridge work than are obtained by the use of concrete. The reinforced material affords ample strength, and is at once very effective in the sweep of its arches, and the beauty of its texture, while as artificial stone, it lends itself readily to any plan of adornment. Another noteworthy instance of successful treatment is found in the bridge erected on the banks of the Mississippi on the grounds of the Town and Country Club of St. Paul.

In the field of material used by the landscape architect, such as vases, urns and seats, the National Stone Manufacturing Company of Minneapolis has been developing some very beautiful patterns. Long experience enables this firm to turn out material that gives excellent satisfaction in the most severe climate, and to reproduce practically any design that may be desired.

The Architect’s Share

It has taken many years of careful planning, manufacturing and testing to develop the present heat producing efficiency of AMERICAN Radiators and IDEAL Boilers. It naturally follows that the architect who specifies an IDEAL - AMERICAN outfit shares the benefit of these years of careful development, through the approval and satisfaction of his client. Moreover, he provides the best possible “comfort insurance” for the occupants of the new building.

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  Atlanta  Chicago  Minneapolis  San Francisco

Seattle  Portland  St. Louis  Minneapolis

San Francisco  London, Eng.  Brussels

Paris  Berlin  Dusseldorf  Milan
Among the many handsome theatres of this country, the new Shubert on Seventh Street takes its place as a notable one.

The decorations by John S. Bradstreet & Company have been much admired for their particularly successful adaption to the architectural scheme of this interior; the feeling of harmony being carried out in design and colors without a clashing note, from the bronze and gold of the walls and decorative plaster to the deep rose reds of the draperies. The artistic lighting fixtures, specially designed for this theatre, present another example of the enviable reputation the Bradstreet Company have attained in this later addition to the Craftshouse facilities for complete as well as artistic results.
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ST. MARKS CHURCH
MINNEAPOLIS, MINNESOTA. EDWIN H. HEWITT, ARCHITECT.

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WALDEN, COUNTRY HOME OF WALTER D. DOUGLAS, DEEPHAVEN, MINNESOTA—HOWARD VAN DOREN SHAW, ARCHITECT.

BUSINESS BLOCK
MYERS BLOCK, MINNEAPOLIS, MINNESOTA—WILLIAM M. KENYON, ARCHITECT.

THEATRE
SHUBERT THEATRE, MINNEAPOLIS, MINNESOTA—W. A. SWASEY, ARCHITECT, NEW YORK CITY.

RESIDENCE
OF PRESTON KING, MINNEAPOLIS, MINNESOTA—WILLIAM CHANNING WHITNEY, ARCHITECT.

RESIDENCE
OF J. S. BELL, PERNDALE, MINNESOTA—WILLIAM CHANNING WHITNEY, ARCHITECT.

ARTISTIC LOW COST RESIDENCES
BUNGALOW—JACOB STONE, JR., ARCHITECT.
RESIDENCE AND WORKING DETAILS—CARL GAGE, ARCHITECT.
RESIDENCE AND PLANS—A. R. VAN DYKE, ARCHITECT.
RESIDENCE AND PLANS—EDWIN H. HEWITT, ARCHITECT.
RESIDENCE—FRANK E. WALLACE, ARCHITECT.
RESIDENCE AND PLANS—A. L. DORN, ARCHITECT.
ST. DYSAN'S, CARTERSBURG, ENGLAND, AND PLANS—MESSRS. LOVEGROVE AND PAPWORTH, ARCHITECTS.
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is the purpose of Building Paper. And it is even more necessary as the structure grows older and offers less protection against the weather.

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The above photograph shows the interior of the dome of the rotunda constructed of ornamental tile in polychrome colors. The span of this dome is about sixty feet. This method of construction is now being adapted in many church buildings throughout the country where the tile forms a permanent decorative finish.

We wish also to invite attention to the ceiling work of St. Mark's Church illustrated elsewhere in this issue.

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Remarkable strength of United Steel Sash. Eight men are balanced on the ventilator.
The death of John La Farge has taken from the American people a man who stood preeminent in artistic circles and who has probably done more to create an appreciation of the work of the architect and decorator than any other man of his day and generation. Although the artist worked almost wholly in his chosen field his attention was ever directed to the best in architectural work and its adherent activities. The scope of his associations was broad. He was at one time president of the Society of American Artists, president of the Society of Mural Painters, honorary member of the American Institute of Architects and chevalier and officer of the Legion of Honor of France. It is well rounded men like La Farge,—men who can see the need of devoting at least a part of their time to popular needs—that America needs today. His loss will be felt keenly by those who felt the force of his inspiration to the better things in the architectural world as well as the appeal of his own artistry.

Following its usual custom, The Western Architect devotes the last number of the year to some of the recent work of its home city of Minneapolis. The keen spirit of improvement that exists in this city is seldom noiseless about with trumpets, and therefore just what is being done in architectural lines does not get its just due until something like the new St. Marks pro-cathedral flashes into prominence with its soft lines radiating a sense of artistic well being throughout an already esthetic neighborhood. Edwin H. Hewitt deserves no small meed of praise for what he has done. Like a gem in a comedy setting St. Mark's will stand for all time a monument to the man who designed it, the people who made it possible and to the city itself for having within its borders men like Mr. Hewitt who know how to build well. Minneapolis is no longer a young untrammelled town. It has risen to the spiritual and mental as well as corporal dimensions of a great city. Filled with beautiful homes at low cost, handsome public buildings and plans for more, it has taken a stand among the great centers of the United States. The beautiful feature of the greater growth comes from the fact that its own home talent is making it the city that it is. Within its confines it has city builders who have proven their worth. St. Mark's is a testimonial to Minneapolis' own home architects. Perhaps the most satisfying matter for congratulation is that the citizens of Minneapolis are
themselves seized with the divine fire of appreciation for the best. Minneapolis architects by their works have instilled a love of the best. As the body is an outward expression of the inner man, so the residences of Minneapolitans are an expression of this awakening. Minneapolis is truly a field for architectural endeavor. Her people have caught the inspiration and only wait to do their part in the building of the "City Beautiful."

The exact amount of artistic good that has accrued to every city in the United States directly or indirectly from the activities of the American Institute of Architects will probably never be known until the work of the present generation in the uplift of the architectural tone throughout the country has been finished. Until that time something of an apathy will probably exist. When the public realizes what the best sort of architect has been doing for the country, he will be acclaimed as were the builders of old and remuneration will be thrust upon him. Already in the larger centers architects are receiving their meed of appreciation and in return have been active in educating the laity and members of the profession up to higher ideals in building. The members of the Institute, the recognized backbone of architectural endeavor in the United States, have been prominent in the work of deciding what constitutes proper monetary remuneration for the architect. It has been agreed that six per cent of the cost of building is a proper fee to be asked during the progress of construction work. But what can the public expect when the press of the nation takes the stand that has been taken by the Philadelphia North American in a recent publication under the caption of "Gang Architect Tries to Soak Play Ground"? The article has to do with the censuring of Philip H. Johnson, architect for the Starr Garden recreation center, because he has asked the regular six per cent fee to which he was entitled. The North American says, "The unusual incident of an architect on a municipal contract failing to provide in the contract for his payment was disclosed at a meeting yesterday of the playgrounds committee. Philip H. Johnson, who drew the plans and specifications for Starr Garden recreation center, failed to make any provisions for payment, and when he presented his bill for part payment Controller Walton called attention that there was no authority for any remuneration. To make up for this oversight Mr. Johnson submitted to a bill to the committee, asking 6 per cent for his services. The usual fee is 6 per cent. Judge Staake said that he had recently had some work done for which the architect's fee was 4 per cent and he asked for information which would warrant him voting for 6 per cent. There were others who objected to the 6 per cent rate. A. S. Eisenhower explained that Mr. Johnson said that the commission for drawing plans for playgrounds had advanced and that the architects were now receiving 6 per cent. The committee entertained a motion to request the mayor to take the necessary steps to pay Mr. Johnson. After the motion had been amended, the final vote was postponed to give Mr. Johnson an opportunity to explain the 6 per cent charge."

Letting alone the objectionable treatment of Mr. Johnson, the boorish caption and handling of the "story" is one of the most thoroughgoing cases of artistic ignorance that has come to our attention for some time. It is surprising that the Philadelphia authorities should have raised the question of granting a 6 per cent fee to Mr. Johnson. It is still more surprising that a representative of the modern press like the Philadelphia North American should uphold such actions by falling into sympathy with the boors who raised the objections. If the press doesn't get behind the architects in their just demands, who will? We cannot always count on intelligence in the running of our city governments and it behoves the newspapers who have done much good along many lines to uphold the work of the profession that is doing more for the advancement of the American city than any other force that may be mentioned.

The need of a state law to enforce the licensing of architects in Minnesota is becoming every day more apparent by the action taken in other states. Louisiana has passed a law whereby every architect who would practice in the state must show a diploma from a reputable school of architecture, or pass an examination that will place the mark of merit upon his ability as a craftsman. Already the public is awakening to the fact that the licensing of architects is merely a necessary precaution taken to insure the protection of life and limb. The wise and just law passed by Louisiana could well be copied in Minnesota. The plan is to rule that all architects must register their names with the clerk of the civil district court of the parish wherein they are practicing. The applicant for a permit to practice must be at least 21 years of age, and must possess a good moral character. The wisdom of this last stipulation is self explanatory. The building of a great or small building should not be entrusted to a man of unsteady habits any more than the guidance of a locomotive should be given into the hands of an inebriate. The members of the St. Louis board of examiners consist of five architects all of whom must have practiced at least 10 years. Two members of the board may grant a temporary permit to practice but this action must be reported to the next regular meeting of the board. The clerk of the court receives a fee of $1 for registration and the architect pays an annual fee of $5 to the board. Failure to do this is followed by striking his name from the clerk's roll. Should the fee not be paid by January of each year, the amount is doubled. An annual publication of all architects authorized to practice is published in a New Orleans daily paper. The governor of the state appoints the board, who are allowed $5 a day during board sessions and traveling expenses. They may charge $10 for an examination and $5 of this is retained if the applicant fails. Failure to comply with the provisions of the law makes the offender subject to a fine of not less than $25 nor more than $100 and imprisonment of not less than 30 days nor more than 90 days for each offense. This is getting right down to the bed rock of the question and laying a foundation of merit insuring safety and artistic design to the communities of Louisiana.

It is good to inaugurate an innovation of this sort while a state is young in order that future generations will not suffer from the monstrosities that can be foisted upon the public by any unskilled architect. Minnesota is not too old to take up the system. In matters of this sort it is never too late to mend. Every architect who has the protection of the profession, and the lives and happiness of the people of Minnesota at heart should boost for license in Minnesota.
The building is heated by a fan system with direct radiation at some of the more exposed points. The heated air is forced in beneath the clerestory and aisle windows and goes out through vent registers in the floor under the pews.

The floors which are of reinforced concrete are all finished with tile, except under the pews and choir stalls. In the nave and narthex, etc., red Ruabon tile was used. The choir and sanctuary pavement is of cherry red, unglazed Grueby tile relieved by panels and patterns of glazed tile in colors and in the sanctuary of emblematic design.

The plan of the church, while simple, offered an unusual...
opportunity for the development of a complete scheme of decorative woodwork. The railings and screens of the organ, choir and chapel are of quarter sawed oak enriched by carving of considerable elaboration. In the sanctuary the elaborate carved cornice of the choir screens is continued over the wood wainscot and broken out to form a rich canopy over the bishop's and priest's sedilia. The pulpit, a memorial gift, is designed in harmony with the choir woodwork. It is octagonal in shape and at each of its corners is a canopied niche. These niches contain a remarkable series of figures representing the great preachers of Christianity carved by I. Kirchmayer of Boston. The exquisite beauty of these carvings is enhanced by leaving unstained the faces and hands of the figures in the natural wood, and by judicious touches of gold on their vestments, all done in a new and original manner and in the spirit of the best medieval craftsmanship. The whole scheme of woodwork will culminate in an elaborately carved reredos (another memorial gift) which is now under construction.

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PLAN
ST. MARK'S CHURCH, MINNEAPOLIS
Edwin H. Hewitt, Architect
6FT of worse arrived. Purpose residence complete but and dent in dents in room done "Our finest detail".

"Balance, Artistic" are room large and wood in evidence out and room of noted prevailence of the English slide of the house for Japanese town to toothpick the city of Stone Jacob.

Still of the city with the three boxes in the Japanese town, and the stone of the Box.

"LIVING FLOOR; KITCHEN WASHING DOWN PORCH 32FT 14FT 12FT."

"Fortunately these forms are done to their study with the lack of the August architects and the lack of the August clients."

"The Westward Progress of the Great things that are the fantastic forms of the THIS ARCHITECT."
SUCCESSFUL TYPE OF THREE-STORY BUILDING

MENDEL MEYER BLOCK, MINNEAPOLIS, MINNESOTA

WILLIAM M. KENYON, ARCHITECT
THE WESTERN ARCHITECT
DECEMBER 1910

SHUBERT THEATRE, MINNEAPOLIS, MINNESOTA
W. A. SWASEY, ARCHITECT, NEW YORK CITY
Residence of Preston King, Minneapolis, Minnesota
William Channing Whitney, Architect
ST. MARKS PRO-CATHEDRAL, MINNEAPOLIS, MINNESOTA
EDWIN H. HEWITT, ARCHITECT
VIEW FROM LORING PARK, SHOWING PARISH HOUSE
ST. MARKS PRO-CATHEDRAL, MINNEAPOLIS, MINNESOTA
Edwin H. Hewitt, Architect
ST. MARKS PRO-CATHEDRAL, MINNEAPOLIS, MINNESOTA
Edwin H. Hewitt, Architect

DEAR VIEW
NAVE, LOOKING TOWARD CHANCEL

DETAIL OF ORGAN SCREEN AND CHOIR

ST. MARKS PRO-CATHEDRAL, MINNEAPOLIS, MINNESOTA

Edwin H. Hewitt, Architect
ST. MARKS PRO CATHEDRAL, MINNEAPOLIS, MINNESOTA

Edwin H. Hewitt, Architect
VIEW FROM THE LAKE
WALDEN, COUNTRY HOME OF WALTER D. DOUGLAS, DEEPHAVEN, MINNESOTA
HOWARD VAN DOREN SHAW, ARCHITECT

DECEMBER · 1910
VIEW FROM THE GARDEN

WALDEN, COUNTRY HOME OF WALTER D. DOUGLAS, DEEPHAVEN, MINNESOTA

Howard Van Doren Shaw Architect
DETAIL OF REAR

WALDEN, COUNTRY HOME OF WALTER D. DOUGLAS, DEEPHAVEN, MINNESOTA
HOWARD VAN DORN SHAW, ARCHITECT
DETAIL OF FRONT VIEW OF ENTRANCE HALL

WALDEN, COUNTRY HOME OF WALTER D. DOUGLAS, DEEPHAVEN, MINNESOTA

HOWARD VAN DOREN SHAW, ARCHITECT
sort may be of more value than the most careful study of an elevation that forgets another side.

Architects remark with surprise and amusement the frequent results in which a rear view of their design for a small house has interest and beauty quite lacking in their studied street facade. A happy natural harmonious self always charms beyond any possibility of a mask of affectation or insincerity presented to meet the conventional in life.

The smallness of the modest residence saves it from many errors of lack of balance, harmony and rhythm more common in larger work, but we must not allow that we may gather Spanish dormers of Georgian houses nor Greek porches of gambrel-roofed shinglesque dwellings.

Residence and Floor Plans for W. G. Cartlach
Edwin H. Hewitt, Architect
The character which makes a desk telephone pleasing and everywhere suitable, whether in shop, fine residence or poorest room, is its absolute fulfillment of the purpose without a superfluous line or part, beauty in strength and purpose, slowness to soil, ease to clean, freedom from merely applied ornament, regardless of fashion set by Greek or Goth, Louis, George or Jacob.

The "Japanese-derived" examples attract our attention by reason of style rather than materials. The house, by Carl A. Gage, Architect, is very successful and economical, costing complete, $4,000.

Our small residences show in general some timidity and general lack of individuality in the treatment of their surroundings, particularly at the fronts, and the architect should feel responsibility in this requirement of proper setting as fully as in work of greater size.

We will not deny the charm of a residence in any historic style where the style is carefully copied and carried through to the last detail. Its charm is such as we enjoy in hearing and repeating classic verse learned in our childhood,
and serves good purpose until superseded by worthier expression of greater present purpose.

In our older communities the better houses built well of enduring materials remain "amidst modern neighbors, like an oasis in a desert of ugliness" and in our day let us honor the citizen who builds however humbly with regard for the balance, harmony and rhythm inherent in what we admire at all times in both nature and art, and who expresses in his building the purpose thereof and does it moreover with regard to materials and surroundings, letting wood be wood, cement be cement, metal be metal, and the house a gem in a setting of nature. No place can be too humble for the ideal and in Minneapolis few are too confined to realize it.

Illustrated in the house by Jacob Stone, Jr., Architect, and well illustrates an advantage of this type, for the architect is already planning additions for his client and these are readily applicable to so straightforward a groundwork.

The shingle types retain their charm and the house by E. H. Hewitt, Architect, is most complete and compact, studied to build at a minimum cost that would put to shame most popular magazine productions, were the latter known at their real value.

The house, by A. R. Van Dyck, Architect, is an excellent example of good planning and good use of materials. The house is an attempt in the right direction with clumsy, unappreciative handling of details and material in the execution.

Bungalow comfort, as well as bungalow simplicity, is illustrated in the house by Jacob Stone, Jr., Architect, and well illustrates an advantage of this type, for the architect is already planning additions for his client and these are readily applicable to so straightforward a groundwork.

The shingle types retain their charm and the house by E. H. Hewitt, Architect, is most complete and compact, studied to build at a minimum cost that would put to shame most popular magazine productions, were the latter known at their real value.
This building is on a new estate just outside the Cathedral City of Canterbury. The house and the one which is partly shown in the photograph being the only two at present built. It has splendid views over the Cathedral and Harbledown, (the home of the late Sidney Cooper, the famous animal painter) where there is a medieval lepers hospital, passing which is the route Chaucer's pilgrims followed in the fourteenth century. The house is built in red brick, cream coloured rough cast, and as will be seen from the ground floor bay window there are no lintels of a long bearing, the larger openings being semi-circular arches.
VALUE OF ROOFING GUARANTEES

BY L. P. SIBLEY, SECRETARY OF THE NATIONAL ASSOCIATION OF MASTER SLAG AND GRAVEL ROOFERS OF AMERICA

Guarantees have become more of a factor in roofing than in any other work connected with building construction, and are frequently put in the foreground so the real point at issue, the merit of the roofing, will be overlooked and they therefore should be subjected to the closest scrutiny.

Very naturally guarantees for five or ten years will appear in the light of a safeguard, but they are not given because of a sublime faith in the integrity of the contractor or because of any generous impulse on his part to protect the bayer, but they are given for one purpose only, to sell the roofing. For the purpose of considering their value they may be divided into three classes.

First: Where the guarantor is responsible and gives the guarantee in good faith. In such cases the buyer has assurance that the roof will be repaired if it leaks, but there is not any protection against damage, as a guarantee against damage would be a greater liability than any solvent contractor would assume, even with the best of roofs. No matter how often leaks occur, all the owner can require is that repairs be made with reasonable promptness, and, as frequently happens, it is better to buy a new roof than stand the loss and annoyance caused by the leaks.

Second: Where the guarantor is responsible but purposefully words the guarantee to mislead and avoid legal responsibility. This class is the most misleading and causes the greatest loss. It embraces the "painting every so often" clause usually called for material which the owner must buy and apply at certain specified times. One day over, and the guarantee is invalid. Also in this class are the guarantees when other than the guarantor applied the roofing. This means a division of responsibility and there are literally dozens of "excuses" why the manufacturer is not to blame.

Third: Where the guarantor does not remain in business or solvent for the term of guarantee. Statistics show that the life of a surprisingly large percentage of firms is less than five years to say nothing of ten years, and this is especially true of general contractors as a class, who usually take the sub-contractor's guarantee and then guarantee direct to the owner.

Tile, slate, copper and shingle roofs are rarely guaranteed for more than one year if at all, so they need not be considered, but it is the two great classes, "Ready Roofing" and "Gravel or Slag Roofs"—(frequently referred to as "Built-up Roofs," that have been and are most affected by long-term guarantees).

In buying Ready Roofing, the character of the building: the incline of the roof and the chances of the roof being re-roofed occasionally (if roofing requiring such care is used); the length of service the roof is expected to give; the experience of others with the same material used under the same conditions for a long time as it is claimed it will last (printed testimonials should not be accepted without investigation); and the reputation of the manufacturer for fair dealing, are factors of far more importance than any guarantee.

Several of the largest manufacturers of Ready Roofing who do not apply their roofs have consistently refused to give guarantees and large dealers who look into the merit of an article usually prefer to deal with such manufacturers. It should be borne in mind that there is no "cure all" in roofing any more than there is in medicine.

When it was the custom to buy Gravel Roofs and their merit and the factors considered were quality of material, amount of material (that is number of plies and weight of felt and pounds of pitch), knowledge regarding the use of materials and a record of roofs in service, it was usual to have Gravel Roofs last 15 to 20 years and sometimes longer, but since the ten-year guarantee was made the basis for price, the contracts awarded to the lowest bidder, most of the responsible roofing contractors have had no option except to figure on a ten-year roof, and if the contract was secured, that is all they could give as it was all they were paid for or agreed to give.

A definite specification which meets the requirements of the building should be provided the same as is provided for the foundation and other parts of the building, and then competent inspection given so the roof will be its own guarantee the same as the foundation.

SPECIFICATIONS

A specification is defined as a definite, particularized, and complete statement, the written document in which engineers and architects describe those portions of proposed work which they cannot clearly show by diagrams. In addition, they are expected to specify the material and quantities required, and, with this, the manner of carrying out the work.

How many specifications drafted by engineers come up to these requirements! Frequently they are not worth the paper they are written upon, being so one-sided that they could not stand in a court of law, and being so unreasonable that even the engineer himself would not think of requesting the "pound of flesh" which might be exacted under the letter of the law.

The specifications should be both definite and exact; then the engineer not only fully understands what he requires, but where, in addition, he expects to enforce its carrying out. Engineers fancy that they are able to shield themselves behind a host of unreasonable clauses should a mistake be made. The client must pay for these unreasonable requirements, and the engineer who inserts them places himself in an unfavorable light before the contractors—the men who do the work and are in a position to judge of the necessity of each and every clause.

The insertion of such a clause as "All works are to be done to the entire satisfaction of the engineer. He is to be the sole judge, and the work or material both of quality and quantity, and his decision only on all questions of dispute with regard to work or material, or as to the meaning or interpretation of plans and specifications, is to be considered final and binding on all parties," are among the most difficult to understand. Why the engineer who prepares specifications and who is a client's representative, shall be the sole judge or referee or arbitrator in matters of dispute between himself and the contractor it is difficult to understand.

There are certain certain work to be done. The contractor, for a price, is willing to do the work. They both are agreed with the drawings and specifications covering the work required. It is unreasonable to expect the contractor to be content with any matters of dispute between himself and the engineer that the engineer should be the only referee. We would be surprised if such a clause would hold in a court of law, and we cannot understand why engineers persist in inserting such clauses in the specifications. Their only purpose seems to be to make ridiculous the other well-framed and necessary clauses. Such a clause as this places the men who make the drawings, prepare the specifications, the contract and issue the progress estimates the arbitrators in matters of dispute. Is this fair to either engineer or contractor? It cannot be, since no contractor has any idea of abiding by this stipulation, should a dispute arise. But this clause undoubtedly keeps a number of contractors from tendering on work where they are not personally acquainted with the engineer. This reduces the number of tenders considerably and places the work practically in the hands of the friends of this engineer, which is frequently not good business, either for the client or the engineer. The wording of specifications and the preparation of drawings and designs for the purpose of securing what is required and the statement of what the contractor is expected to perform should be prepared in such a way as to place all contractors upon the same footing. Nor should they be so stringent as to eliminate competition.
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Because all-metal in construction, this sash is absolutely fireproof. It safeguards employees, machines and materials—is a protection against heavy losses.

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Send for our pamphlet Y, telling all about the "Fenestra" Joint and Detroit-Fenestra. Diagrams and dimensions of various standards are included, with instructions for erecting and glazing.

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Plant of Detroit Steel Products Company showing what may be accomplished with Fenestra Sash

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The "RICHMOND" Concealed Transom Lift

In a Class by Itself. This new device marks an epoch in the manufacture of fixtures for the mechanical equipment of modern buildings, being the first and only concealed contrivance yet devised that will successfully and easily operate transoms.

Invisible and Compact. All parts except only the operating knob, are concealed within the door trim—the device being installed upon the back of the door-jamb before the trim is applied. It is light, compact and operates easily, noiselessly and surely.

Simple to Operate. To open or close transom to any required angle, simply turn the knob on the door trim, and when the required angle is reached, let go, and the transom stops, and cannot be moved until knob is again turned. No locks or hinges are required to hold the transom, the device itself serving every function required.

Scientific Principles. The "RICHMOND" Concealed Transom Lift is constructed in accordance with important scientific principles. It is positive in action and contains but few joints or contacts. The different parts work together smoothly and it is practically impossible for it to get out of order—no danger of rods slipping or cogs failing to turn as sometimes happens in the old style appliances.

Convenient for Operator. Think of the convenience of being able to move the transom to any desired angle by a simple turning of a knob within easy reach. Compare this with the clumsiness, unreliable and unsatisfactory working of the usual style of transom fixture.

For all Size Transoms. The "RICHMOND" Concealed Transom Lift will operate such sized transoms as are used above doorways in hotels, office buildings, apartments, schools, etc. A Giant Pattern device is made for transoms over entrance doors or casement windows.

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Easily Set. The device leaves our factory completely assembled except for the pivot parts which are placed in jamb and ends of transom. These parts are very simple and easy to attach and the installation requires less work and time to install than the ordinary and exposed rod.

An interesting, descriptive booklet will be sent upon request.

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If it's "RICHMOND" it's Right
The Cut Stone, both for the exterior and interior, of St Marks Church, as illustrated in this issue, was furnished by the WM. PENN CUT STONE COMPANY, Minneapolis, Minn.
Improperly Covered Steam Pipes Cause Fires!

The following, which appeared in a recent issue of a leading engineering magazine, shows the importance of covering steam and hot water pipes with fireproof covering, to prevent them setting fire to building:

"If the contact of wood with a heated surface is continued sufficiently long, the temperature of a few degrees only above the boiling point of water is enough to produce a semi-carbonized film on the wood, which will start smoldering at a very low temperature. The heat arising from an oil or gas flame some distance away is sufficient to start the smoldering combustion. The temperature of a steam or hot water pipe has often been found sufficient to cause ignition, due probably to the long continued heat generating certain hydro-carbons of low ignition point, which remain occluded in the pores of the semi-charred wood and are brought into close contact with the occluded oxygen. In fact, a constant draught, or even a sudden rush of air, coming in contact with highly carbonized wood, is sufficient to cause serious conflagration."

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<td>Hydraulic Press Brick</td>
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<td>Preston King Residence</td>
<td>Hydraulic Colonials</td>
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<tr>
<td>Robert L. Cobb Residence</td>
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