The Work of Walter W. Ahlschlager

from

American Builder Magazine, 1921
Successful Operations in Difficult Times

HIGH grade residential hotel construction has been a notable feature of 1920 building. With sky-rocketing prices putting a stop to all other building work these immense hotel enterprises have gone ahead.

The demand for satisfactory living accommodations with freedom from household cares and domestic servant worries has filled all the hotels to capacity. Rentals are easily secured which figure a handsome profit, even on the extra high investment costs that have prevailed during the past year.

The work, in this hotel field, of Walter W. Ahlschlager, architect, of Chicago, has been conspicuously successful. During the past year he has planned, financed and built such noteworthy structures as The Sovereign, The Parkway, The Sheridan-Plaza, The Webster, etc. They are the high water mark in Chicago residential hotel work.

Because of the inspiration and help that a study of these structures in detail will be to the building field at this time, the AMERICAN BUILDER has arranged with Mr. Ahlschlager for this elaborate insert.
Fiscal Architecture; or the Art of Making It Pay

THE BUSINESS OR INVESTMENT SIDE OF THE SERVICE AN ARCHITECT SHOULD RENDER HIS CLIENTS IN CONNECTION WITH THE PLANNING OF A MODERN HOTEL ENTERPRISE

By Walter W. Ahschlager, Architect

MODERN hotel architecture is divisible into three departments, each of which is absolutely necessary to the success of the other two; namely, design, construction and fiscal.

DESIGN of an architecturally harmonious exterior and interior, enveloping a well defined plan of subdivisions, exuding pride and comfort to the guests, and insuring efficient and profitable operation to the owner.

CONSTRUCTION—This should be of a kind and character so based upon good engineering that the maximum of space is obtained with the minimum of initial cost, operation and depreciation.

FISCAL—A well analyzed plan of financing giving safety to the buyers of the hotel securities and yet so related as to financing costs, interest charges and maturities, as to justify the hotel owner in assuming the obligations of the securities.

On the Page Opposite—Two Interior Views, the Upper One Showing Mr. Ahschlager’s Private Office and Consulting Room, the Lower, the Reception Hall. The Inset is a snapshot of Mr. Ahschlager at work.
PAYING PROPERTIES — RESIDENTIAL HOTELS

WORK OF
WALTER W. WAHLSCHLAGER
ARCHITECT
ENGINEER
FINANCE

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The Sheridan-Plaza Hotel nearing completion, at the northeast corner of Sheridan Road and Wilson Avenue, Chicago. It is 225,110 feet, twelve stories high. This is an example of the modern metropolitan hotel planned and built to be operated at a profit under present cost conditions. The site and building are valued at $3,800,000.
The Planning of Modern Hotels

By WALTER W. AHLSCHLAGER, Architect

The modern fireproof hotel of today is the result of modernized conditions of living as required either in the commercial field or in home life. Our intensiveness commercially, or in our homes, demands that we be able to acquire hotel space of a kind and character to suit our every desire and yet at a relatively reasonable price.

To design a hotel to fit these new requirements concentration of space, efficiency of operation, economy of initial construction costs and freedom from extreme depreciation must be arrived at. The solution to this problem is the modern fireproof hotel of today, which consists of many homes in cell formation, so related that the size of each one is so elastic as to the number of rooms arranged en suite that the determination of the number of rooms is dependent merely upon the whim of the occupant. This, in a few words, is the requirement imposed upon the hotel operator of today by his guest, the public.

From the viewpoint of the operating hotel owner, this same hotel represents certain investment per unit of room multiplied

(Continued to page 137.)
Design and Construction of Paying Properties Residences Hotels

Plan of Typical Floor in Sheridan Plaza Hotel. There are 512 Rooms, Each With Private Bath.

Mezzanine Floor Plan. In This Part of the Sheridan Plaza Hotel Are Located the Main Dining Room, Palm Room, Foyer and the Kitchen.

Work of Walter Wahlenschlager

Architect

Finance

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by the number of rooms, to which must be added the necessary public functional rooms, such as lobby, ballroom, dining room, writing room, and the operative departments commonly known as the “rear” of the hotel. All of these departments represent a large investment and a continuous overhead charge. Granted that the location of the hotel be correct and that the operator be capable, the only remaining question which will determine the success of the hotel is the relationship of the various departments of the hotel to each other, and its ability to give to its guest, the public, what the public wants and at a price the public desires to pay for it.

It is, therefore, obvious that the problem of successfully designing a hotel demands a maximum of experience on the part of the architect, and the fullest collaboration of the operator from the very inception of the plans until the building is delivered to the owner for occupancy. Continuing further, it is not even sufficient in itself that the architect shall be experienced and capable in designing hotels thru having previously designed other hotels. He should also be a man who has been actively interested in the ownership and operation of hotels designed by him so that his

(Continued to page 140)
The ground floor plan of the Parkway Hotel accommodates the Lobby, Two Dining Rooms, Large Kitchen and Service Section, a Barber Shop, and a Drug Store. Below is a photograph of the Lobby.
Glimpse of Main Floor Dining Room at the Parkway Hotel. Looking Thru to the Annex Dining Room, on a Slightly Higher Level.

Above, Typical Upper Floor of Parkway Hotel. Below, Layout of Mezzanine Floor.

Storage Kitchen

Private Dining Rm

Private Dining Rm, Mezzanine Lounge

Banquet Rm

Ball Room

Upper Part of Lobby

Upper Part of Dining Rm

Private Dining Rm

Wearing Rm

Upper Part of Dining Rm

Walter Wahlschlager

ARCHITECT

FINANCE
resources will have been at stake upon the success or otherwise of the product of his brain and experience. There is probably no better way in which a hotel architect can learn of the pitfalls of hotel design to be avoided and of the minute requirements that are contributory to successful operation of a hotel, than to have been associated with numerous hotels as owner and operator as well as architect. Again, his association with hotels as owner gives him an experience in regard to financing of hotels preliminary to and during the construction progress, which his competing architectural colleagues not so financially interested in hotels, cannot obtain.

An architect so fortunately situated as to have been associated with numerous successfully operated hotels, must certainly be able to give to the new clients of his, ability and experience in design and construction of extreme value to these new clients.

The modern hotel is more than an investment; it should be looked upon as representing the home of an institution or new business, operated for profit, which if it does not yield to its owners a far greater return per dollar of invested capital than what is normally expected from the ordinary investment, will not have fulfilled its mission.

The Sovereign Planned as Chicago's Foremost Apartment Hotel, Located at Kenmore and Grandville Avenues. This is a Ten-Story Building, 100x150 Feet.

ARCHITECT
WALTER W. WAHLSCHLAGER

FINANCE
The Appointments and Furnishings of The Sovereign Hotel Are Acknowledged the Richest and Most Pleading of the Year Among Chicago Apartment Hotels. Below Are Photographs of the Dining House, Lounge and Lobby.

Typical Floor Plan Layout of the Sovereign, Showing Arrangement of One, Two and Three-Room Suites.

Design and Construction of Paying Properties - Residential Hotels

Work of Walter Wahlenschlager

Architect

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Two Views of Typical Apartments in The Sovereign—One a Three-Room, the Other a Two-Room Suite. The Equipment includes Disappearing Beds and Mechanical Refrigeration. The Furnishings Through Breathe Refinement and Quiet Elegance in Accordance With the Demands of the Exclusive Patronage Which This Apartment Hotel Enjoys.

Rentals at The Sovereign Range From $90 a Month for a One-Room Apartment With Dressing Room and Bath; $125 for a Living Room, Dining Room, Kitchenette, Entrance Hall, Dressing Room and Bathroom; $250 for a Three-Room Apartment to $325 Per Month for the Most Desirable Corner Apartments. These Rates Yield a Yearly Gross Rental of $260,580.

Below is Diagram of the Ground Floor of The Sovereign Hotel.

ARCHITECT
WALTER W. WAHLSCHLAGER
ENGINEER
FINANCE
A Tribute

to the material and equipment manufacturers for their co-operation in the successful progress and completion of these structures.

A tribute from Walter W. Ahlschlager and his Organization in recognition of the credit due each and every one of these manufacturers on account of the high quality of the services rendered.
POURING CONCRETE
AT THE RATE OF
A FLOOR A WEEK

The photo on the right clearly shows the concrete forms in use on the third floor of the Sheridan-Plaza. On the left the same forms are shown in use on the eleventh floor eight weeks later. Below is an example of dome work made possible by the use of these unique forms.

The Branson System of Joistmold Centering makes possible the use of concrete forms which can be collapsed and used over and over again. These forms are strong and durable. Made entirely of wood, yet require no nailing.

In the construction of both the Sovereign and Sheridan-Plaza the Branson System of Joistmold Centering made for rapid progress. Mr. Walter W. Ahlschlagger says:

"In absolute competition it was the cheapest in cost on both jobs; and I am certain that the speed of construction of both these jobs could not have been equaled with any other system. I look forward to using your system on all similar jobs which I may have in the future."

BERGENDAHL & ACHER, Inc., Contracting Engineers of 25 E. Jackson Blvd., Chicago, give a lump sum bid for furnishing, erecting and removing all concrete forms in buildings and other structures.

The BRANSON SYSTEM of JOISTMOLD CENTERING

Architect

WALTER W. ACHLSCHLAGER

Finance
KALMAN CONCRETE ACCESSORIES

Essential devices to improve and expedite the placing of reinforcing steel. These products combine
Strength - Simplicity - Accuracy
By their use reinforcement is correctly supported from the form, properly spaced apart and held in place prior to and during concreting. They do not obstruct the free flow of concrete.

In the construction of the
SHERIDAN-PLAZA HOTEL
KALMAN BEAM CHAIRS and RIB CHAIRS were used throughout to the complete satisfaction of the engineers and builders. The practical value of these sturdy devices was conclusively proved. Complete information concerning these and other KALMAN products may be had on request.

PAUL J. KALMAN COMPANY, Inc.
22 W. MONROE ST.
CHICAGO, ILL.
KANSAS CITY MILWAUKEE MINNEAPOLIS ST. PAUL

HOW OBJECTIONABLE SOUNDS are DEADENED

In outlying districts, such as where the Sheridan-Plaza is located, every noise in the building is intensified because of the quietness of the neighborhood. In downtown hotels, the same noises are of course objectionable but far less noticeable on account of the continuous noise from the busy streets below.

Keeping this in mind the architect has specified that the elevator and other machinery be sound proofed by the STEVENS SYSTEM of SOUND DEADENING; all telephone booths are also to be sound proofed by this unique system.

In other types of building construction, whether fire-proof or ordinary, where it is desirable to use wood floors instead of finished cement, tile, etc., utilized in the modern apartment hotel, the Stevens System is particularly adapted.

This is a practical sound deadening system for buildings—not a theory or an experiment. It does away with squeaking and buddled floors. It saves much labor, time and material and makes floors and partitions SOUND PROOF.

By the use of this system, first floor apartments are made as desirable as the upper.

Stevens Partition & Floor Deadener Co.
176 West Washington Street, Chicago
THE SOVEREIGN HOTEL, Kenmore and Granville Avenues, Chicago, is a splendid example of the use of terra cotta trim and ornament, which was brought out so satisfactorily by the use of "Northwestern" bright cream enamel terra cotta. The cornice of this building in rich polychrome, which accented by illumination at night, illustrates how perfectly we have been able to carry out the delicate detail of Italian Renaissance.

Architectural terra cotta is a practical, economical and permanent building material that may readily be combined with brick, as in this instance, with most satisfying results, and affords a means of carrying out the architect's idea of a form which combines freshness and charm with permanence and durability.

The studios of the Northwestern Terra Cotta Company afford the services of a staff of artists competent to carry out the most aesthetic requirements of the architect.
In the Sheridan-Plaza Hotel, Sheridan Road at Wilson Avenue, Chicago, "Northwestern" terra cotta has aided the architect in producing one of Chicago's most attractive hospices.

The detail illustration gives a close-up of the ornamental terra cotta in striking designs that make this building distinctively pleasing. The adaptability of terra cotta to either the simple or ornate in design is well illustrated in this beautiful example.

The exterior of this building in "Northwestern" old ivory enamel terra cotta, with its spandrels of green and the delicate polychromework about the main entrance, exhibits a harmony in color and design that is possible only when close co-operation exists between the architect and an organization capable of successfully interpreting his ideals of those elements.

**The Northwestern Terra Cotta Co.**

**General Offices and Works**

2525 Clybourn Avenue

Chicago
ALTHOUGH the Sheridan-Plaza is to be as near fire-proof as a structure of this character can possibly be built, our fire laws make it compulsory that all buildings of this kind shall be equipped with a fire escape of certain stated specifications.

When he specified the fire escape manufactured and erected by CHAS. JOHNSON & SON the architect knew from former dealings with this firm that their product would meet with each and every building requirement.

The fire escape erected on the Sheridan-Plaza was started on November 24 and was completed and accepted December 14, many weeks before the completion of the building.

This type of fire escape is especially adapted for hotels, apartments and schools.

Other types for all known uses are also manufactured by

CHAS. JOHNSON & SON
320 W. Grand Ave., Chicago

They will gladly answer any inquiries regarding their product
MARBLE of the finest quality for interior and exterior ornamentation is supplied by these quarries at Sylacauga, Alabama, for distinctive buildings, all over the United States.

The products of these quarries have been known to the trade as Madre Cream Statuary and Madre Veined and are unsurpassed for high grade finishing of public buildings and places where white or veined white marble of everlasting beauty and strength of character is called for.

The architects selected Alabama marble for interior ornamentation of The Sovereign Hotel because it met every requirement for beauty and service. This marble is supplied by the

Tompkins-Kiel Marble Co.
505 Fifth Avenue
NEW YORK

Effect obtained by using Alabama Marble for wainscoting in lobby of The Sovereign
All studs, plaster, and plaster boards for the
SIMPLEX SYSTEM
Partitions and Ceilings,
and the
DORIC STIPPLED BRICK
used in the
SHERIDAN-PLAZA HOTEL,
Chicago, as well as the
Plaster and Plaster Boards
and the
DORIC STIPPLED BRICK
for the SOVEREIGN HOTEL
were supplied by the

Thos. Moulding Brick Company
Manufacturers and Distributors of General Building Supplies
153 West Washington Street
CHICAGO
“Everything for the Builder”

The Simpex System
of Partition and Ceiling Construction

This construction is highly fire-resistant; it reduces labor costs through rapid erection; it saves materials; it affords strong but lightweight construction; it saves floor space, and gives sound-proof, sanitary, and economical partitions and ceilings.

These essential advantages were utilized in building the following fireproof hotels:

SHERIDAN-PLAZA HOTEL Chicago
HOTEL SHERMAN Addition Chicago
THE WOLVERINE HOTEL Detroit
THE TROCADERO HOTEL Detroit
and in various other buildings.

The SIMPLEX SYSTEM can be used to advantage in any type of building. The two details show the method of fastening plaster boards, the large plaster key slots, and the strong, lightweight studs. A thorough treatise on Simpex Construction is given in our catalogue.

Write for Catalogue

Simplex Steel Products Company
1146 Roscoe Street, Chicago
Manufacturers of Metal Specialties for Buildings
CAST STONE takes a prominent place in the decorative scheme of the new Sovereign and Sheridan-Plaza Hotels.

The illustrations are from the Sovereign, where this artistic material was used throughout the lobby, parlors and dining rooms for wide jamb linings, as a window trim and the massive corner beads in the dining rooms.

The architect has found Cast Stone most ideal in securing an endless variety of design, color or shade.

Cast Stone can be made to show a grain or can be finished smooth like marble or granite.

For exterior and interior decorations Cast Stone is much lower in cost than most decorative building material.

We are equipped to turn your order out with an accuracy and speed that would be impossible in other materials.

C. G. GIROLAMI & CO.
413 MILWAUKEE AVENUE CHICAGO, ILL.

Contractors and Manufacturers of
Ornamental Plaster, Art Stone for Interior and Exterior Decorations, Fireplaces, Fountains, Garden Furniture, Lighting Fixtures and Statuary.

Upper right photo shows beautiful effect of cast stone mantel in Public Lounge, The Sovereign, a close up detail of which is shown in photo, upper left.

Center photo—Elevator entrance doors—Shows cast stone trim typical of all trim throughout first floor.

The cast stone corner rests on columns, the lower photo shows an outstanding feature of the dining room.
BEAUTY with safety was the slogan of the builders of the new Sheridan-Plaza.

The door is a conspicuous and important part of every room and its appearance has a great deal to do with the character of the room.

The builders chose Py-ro-no doors for the Sheridan-Plaza because these doors are the only fire-proof doors manufactured with natural wood veneer, combining beauty with safety.

Py-ro-no doors are manufactured by THE COMPOUND AND PYRONO DOOR CO., of St. Joseph, Michigan, who will be glad to furnish complete information on request.

Py-ro-no doors comply with all the requirements of the underwriters. They also combine with the fire retardant properties and the beauty of finish, lightness and ease of erection, being handled and installed in the same manner as regular millwork.

SEVERAL HUNDRED PY-RO-NO DOORS WILL BE USED IN THIS HOTEL.
FOR all interior painting in the Sheridan-Plaza, Parkway and Sovereign, Mr. Ahlschlager selected Dutch Boy White-Lead, mixed with Dutch Boy Flatting Oil.

This paint was used because of its soft, velvety finish, its durability and low eventual cost, its washability, and the fact that each exact tint called for could be produced by the painter.

This is true, too—that paint is only a small part of the cost of painting. Labor is the big item. It costs no more to apply good paint than poor paint, and you don’t have to do it so often.

Labor cost is reduced, when this reliable lead-and-oil paint is used, because it spreads so easily and covers so thoroughly.

A Dutch Boy surface, properly applied, will not chip or crack, and the lapse of time before repainting is so long that the cost-per-year of this paint is very low indeed.

NATIONAL LEAD COMPANY

New York Cincinnati Cleveland Chicago Boston San Francisco Buffalo St. Louis

"Save the surface and you save all" —widt & Toonell

Dutch Boy White-Lead

ARCHITECT
WALTER WAHLSCHLAGER
ENGINEER
Page 155
FINANCE
YEARS AGO, candles and lamps were used only as a means of diffusing artificial light. In those days no attempt was made to make them conform, neither in shape nor in design, to the interior in which they were to be used.

Later on, however, more thought was given to the design of lighting fixtures until today they play a very important part in the general scheme of the interior decorating.

IN the beautiful Sovereign Hotel all fixtures were manufactured and installed by

HENKEL & BEST CO.
716-728 PEOPLES GAS BUILDING, CHICAGO

Nearly all of these fixtures are hand made and are especially designed to conform to the architecture of the building; the hand painted parchment shades blend in with the wall decoration and the color scheme of carpets and draperies is repeated in the silk tassels.

Henkel & Best Co., with their corps of skilled designers, artists and metal workers are especially equipped to take care of all high-class fixture contracts such as theaters, hotels, apartments and other buildings where artistic fixtures are utilized in the carrying out of the decorator’s scheme.
Specified for CONVENIENCE and SAFETY

In three great Chicago hotels, recently designed by Mr. Ahlschlager, the specifications called for Hubbell Flush Receptacles. Here are two reasons:

CONVENIENCE: The T-T Slots take any standard cap. Thus if the vacuum cleaner cord has a cap with tandem blades, it fits the tandem slots in each “T”. And if the desk lamp is equipped with a cap having parallel blades, these will fit in the parallel slots of these “T’s”. This is foresight and it pays.

SAFETY: Underneath each T-shaped opening is a porcelain chamber, in which is secured a double contact spring. This spring grips both sides of a blade, making a firm tight contact. Short circuit, arc, flickering, or loose connections are impossible. And these openings are so narrow that even a child’s tiny fingers could not pass them. And this, too, is foresight—and it pays.

Hubbell Flush Receptacles are manufactured in the four types illustrated. They are standard, and the plates may be furnished in any finish desired.

HARVEY HUBBELL INC.
ELECTRICAL SPECIALTIES
BRIDGEPORT, CONN., U.S.A.

EVERYONE who has operated the electric light switch in a room of the Parkway Hotel will remember the smooth, even and positive action. Every room is equipped with an “H & H” Standard Push Switch.

A new development in Push Switches is the “H & H” Radio Button, and in Sockets, the Luminous pendant. When you step into a room at night provided with these refinements, the first thing you see is the luminous glow of the switch button or pendant. Instead of groping about the room you can put your finger right on the switch or socket pendant.

In case of fire, sickness or other emergency, light is the first thought and you want to find the push button quickly.

The advantages of this new development are now combined with the durability of the Old Reliable “H & H” Push Switches and “Paiste” Pull Sockets.

THE HART & HEGEMAN MFG. CO.
HARTFORD, CONN.
THE growth of the modern apartment hotel idea has been due to the high degree of perfection attained by the modern electric elevator.

The elevator system plays a most important part in the daily activities within the building and could not possibly be dispensed with.

A BATTERY of eight electric elevators are being installed by the Wheeler Elevator Company in the Sheridan-Plaza Hotel. These elevators are of Worm-Geared "V" Groove Traction Type, equipped with highly efficient worm and gear, Timken Roller Bearings, Double Ball Thrust Bearing, Driving Sheave and Motor Brakes, both equipped with an Air Cushion Device which causes the brake to apply without a shock or jar, also positive Safety Devices and accurate hatchway construction. The Passenger and Service elevators have a car speed of 450 feet per minute. The above features are the last word in Elevator Engineering and after thorough investigation, the architect and owners decided on the equipment as manufactured and installed by the

WHEELER ELEVATOR COMPANY
1100-1106 WASHINGTON BLVD. CHICAGO
Ideal Elevator Motors

Because of their unfailing dependability in hundreds of the largest public buildings and industrial plants in all parts of the country, were chosen for the new

Sheridan-Plaza Hotel

The remarkable record being made by Ideal Motors wherever installed is convincing evidence of their superiority for every purpose.

Bulletins on Request

The Ideal Electric
& Manufacturing Co., Mansfield Ohio
PATRONS of the Sovereign Hotel are protected from elevator accidents by the SHUR-LOC Pre-Locking system.

SHUR-LOC alone pre-locks the controller before the door is opened. With the controller locked in the no-speed position, no accident can happen. The car cannot move until the door is closed.

Many cases of accident have proven that it is necessary to pre-lock the controller to insure complete safety.

SHUR-LOC Safety Interlocking Systems for Elevators are manufactured by

Shur-Loc Company of Illinois
208 S. La Salle Street
CHICAGO, ILLINOIS

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THE space saving idea as well as correct insulation is carried out by the use of Vitrified Cellular Asbestos Lining in the stacks of Sovereign and Sheridan-Plaza and the ceiling of the boiler room of the Sheridan-Plaza.

Because of its high insulating value, the temperature within the stack or breeching is kept high, which is most desirable while the temperature of the outer surface is low, making it possible to keep moderate temperature in rooms thru which the stack or breeching may run. When these linings are installed on ceilings in boiler rooms, a moderate temperature on floors above is maintained.

The insulating value of these linings is equal to about twice that of brick linings used for the same purpose and thus allows for a minimum cross-section area of the materials used in erecting the stack and reducing the space required for its location.

Vitrified Cellular Asbestos Linings are manufactured in forms both radius and flat and are furnished and installed by the

National Pipe & Boiler Covering Co.
1905 South Wabash Avenue, Chicago
This set of boilers is on duty in the basement of The Sovereign and another set of four are at work in the Parkway.

They are Kewanee No. 115 boilers manufactured by the KEWANEE BOILER CO., of Kewanee, Illinois. These boilers are especially well suited for high-class hotels because they are smokeless.

Smoke is nothing but unconsumed fuel and this boiler burns even the cheapest grade of coal with a high rate of efficiency. The result is smokeless stacks.

The selection of Kewanee boilers for these big top notch hotels was made only after a careful consideration of their properties of economy and cleanliness.

Any requests for information on the No. 115 or other types of boilers will receive immediate attention.
IN AN apartment hotel the regulation of the heating system must receive serious consideration, as the temperature within the different apartments must vary according to the desires of hundreds of occupants of all ages.

Knowing the full importance of this the architect has specified that the Webster System be installed in all three of these high-class hotels.

Not only does the Webster System insure the comfort of the patrons of these hotels but is economical in operation; thus again the owners are profiting by the architect’s thorough knowledge of details of construction.

Warren Webster & Co. are the pioneers in this special field of endeavor. Webster Systems have been installed for over thirty-three years, and are specified by architects and engineers everywhere as a standard.

WARREN WEBSTER & COMPANY
Executive Offices and Works, Camden, N. J.
HEALTH specialists say that the relative humidity of the atmosphere we breathe is just as important as its absolute purity, and is much more important than its temperature. A fixed standard of temperature for comfortable living cannot be set without regard to moisture.

“TRICO” humidifying radiator shields are a big factor toward maintaining the health and comfort of Parkway Hotel patrons.

“TRICO” also converts each radiator into a strong and beautiful seat and at the same time shields the walls and decorations from all dirt caused by the air currents of the radiator.

Art Metal Radiator Cover Co.
Chicago, Illinois
HOT WATER and lots of it at all times is what every big hotel or apartment must have, and in order to take care of the "peak" load a storage heater must be used to supply the sudden and unexpected demands for hot water. The Sovereign and Sheridan-Plaza are two of the latest big hotels to adopt Whitlock Storage Heaters and the heater shown here is installed in the Sovereign.

Whitlock American type "K" heaters may be, and often are, used as the sole means of hot water supply. If, however, steam is not always available, as in an apartment or office building, using central station power, and where the boilers are shut down during the summer months, the heater is so connected as to furnish hot water while supplied with steam, and at other times to act as a storage tank for the coal-burning water heater. It is the only storage tank necessary.

The Whitlock type "K" storage heater has several advantages over the ordinary tank with iron coils. The heating section is easily removable for cleaning. It is constructed and tested so as to be leak-proof and is so guaranteed (thus doing away with leaky screwed joints in the pipe coils), and the heaters are designed for known duties and guaranteed to perform as rated. Furthermore they are "built to last" and will remain in service long after the ordinary hot water tank has been scrapped.

For complete information write the

WHITLOCK COIL PIPE COMPANY
of HARTFORD, CONN.