

NORTHWESTERN BANK BUILDING, 216 FEET HIGH, PORTLAND'S LATEST SKY PIERCER

Handsome 15-Story Structure on Morrison Street, Between Sixth Street and Broadway, Cost \$1,000,000, and Appears to Be Worth the Money—It's Ready for Public Use.

NEW buildings are getting to be so common here in growing Portland that it requires one of extraordinary qualities to attract attention. But here is a new building that would cause people in any city to stop, look and inquire.

It is the Northwestern Bank building. It is just being completed, but even now part of it is open for accommodation of its tenants and patrons. As its name implies, the building was erected as the home of the Northwestern National Bank. But the bank, together with the Portland Trust & Savings Bank, occupies only the east end of the first and second floors. All the remaining space is available for office and mercantile purposes.

As it stands it represents an investment of \$2,000,000. The value is equally divided between the ground and the building.

The Northwestern Bank building—its official name is a contraction of the term "Northwestern National Bank"—is a 15-story structure. There are but 14 numbered floors, however, as the second story has been made into a mezzanine floor.

Observatory Is Provided.
The building is 191 feet high from the sidewalk to the roof, and is topped by a porthouse which gives it an altitude of 25 additional feet. The roof of this porthouse is to be used as an observatory. With its 216 feet of elevation from the street level it affords an excellent view of the entire surrounding country.

The 13 floors above the mezzanine are devoted to office purposes exclusively. Each floor contains 38 separate rooms, but in many cases several of these rooms have been converted, by the requirements of tenants, into one large single room. Removable tile partitions have made this possible.

In almost every detail the building is fireproof. Its frame is of steel. The walls are of brick and concrete. The floors are of cement, the window frames and outside doors of steel and the partitions of tile. Plate glass windows are further protected from fire by wire, which is interwoven and embedded in the glass. Should heat from fire in a neighboring building or from any other source crack the window glass, this wire would prevent the flames from falling apart. Thus the flames would be prevented from entering.

The Northwestern Bank building presents a new style of architecture in Portland. It faces on the north side of Morrison street for a full block—200 feet in length—between Sixth street

SOME FIGURES ON MATERIAL USED IN NORTHWESTERN BANK BUILDING.

Structural steel, tons.....	3,000
Common brick.....	1,000,000
Face brick.....	500,000
Terra tile partitions, sq. ft.....	20,000
Concrete, cubic yards.....	10,000
Gravel, cubic yards.....	7,000
Sand, cubic yards.....	32,000
Glass, square feet.....	80,000
Plaster, square yards.....	10,000
Baseboards, chair rails and picture moulding, feet.....	80,000
Cement, barrels.....	17,000
Wood doors.....	1,000
Laboratory and coat cabinets.....	650
Architectural terra cotta, lbs.....	900
Radiators.....	500
Plumbing fixtures.....	500

and Broadway, but is only 60 feet in depth. It is just long enough to be imposing and impressive and just narrow enough to appear graceful.

The building is built to a strip 75 feet wide and running the full length of the building. By limiting its width to 60 feet the owners have provided an open court 15 feet wide which will serve as a source of fresh air and light for all time. This 15-foot strip also serves as an entrance to the Baker theater which originally was a part of the old Marquam building when it stood on the ground now occupied by the Northwestern Bank structure.

Thus there are no inside rooms or court rooms in the new building. Every one is an outside room, with plenty of light and plenty of air.

Big Heating Plant Installed.
A mammoth steam-heating plant has been installed in the basement. It consists in part of two 200-horsepower boilers. Oil is the fuel. Tanks beneath the basement will contain 150 barrels of fuel oil.

Direct heat is supplied to all floors above the first and mezzanine. The two lower floors will be served with indirect heat, originating, however, in the same system. This indirect system also will govern the temperature in the banking rooms and other rooms on the first and mezzanine floors in summer as well as in winter. All the air supplied through this system is washed before it is forced into the rooms. In summer it is cooled, while in winter it is warmed.

Five of the latest pattern elevators have been installed. The elevator entrance is on Morrison street, at the

middle of the block. They are designed for speed as well as safety and efficiency. They probably are the fastest elevators now in use in Portland. Two of them will serve the four upper floors, while the remaining three will be operated to the tenth floor only, serving all intermediate floors.

A wealth of marble has been used, both in the building proper and in the banking rooms. All the wallcovering is of marble. The stairways and some of the floors are of marble. All the upper floors are of cement, painted a slate color. The hall floors have been treated with hexagon tile. Immediately in front of the elevators on each floor is a slab of cork. Three water circuits serve every room. One supplies hot water, one cold water and one drinking water. The drinking water circuit provides a constant supply of fresh water, as it flows through the pipes continuously. It is not necessary, therefore, to allow the "stale" water in the pipes to run to waste before getting the fresh.

Two lavatories have been built on each floor. Each is finished with white marble.

The wash stands in the individual rooms are inclosed in mahogany cabinets. There are two compartments to each of these cabinets. One compartment can be used as a coat rack.

Stairways in Separate Shaft.
Stairways are inclosed in a tight, fireproof shaft with swinging metal doors leading to them from the halls. The stair frames are of iron and steel and the steps of marble.

In installing the electric lighting system the architects have taken advantage of all the late improvements in the field of electricity. Two big 40-watt lamps have been placed in each room, but there is ample provision for additional lighting facilities or any arrangement of lights or globes that the business of tenants may demand.

Although the building is thoroughly fireproof, two spacious fire-escapes have been provided. They are on the north side of the building, one at either end. Two reels of fire hose have been placed on each floor. In case of fire a set of specially designed fire pumps, with 150 pounds pressure, will start to work in the basement.

Wiring for both telephone systems has been placed on each floor. Convenient connection is possible. Wherever wood finish has been required Philippine mahogany has been installed. Double mail chutes have been put in, extending from the top floor to the first.

Five Big Elevators to Run—Two Are Express

Ample Service Provided Tenants of New Building—Speed and Safety Are Assured.

FIVE spacious elevators will serve tenants and patrons of tenants in the new Northwestern Bank building. These machines are of the most modern methods of elevator construction and represent all the latest improvements known to the elevator builder's art.

They are equipped with modern safety devices, but are designed for speed and efficiency as well. Two of these machines will be used for "express" service and will serve only those tenants on and above the eleventh floor. The remaining three will serve the mezzanine to tenth floors, inclusive.

These elevators are of the "traction" type, which are considered an improvement on all other styles of elevators now in use. They are employed in the big office buildings of the East. Electric signal service is employed.

The total floor space that they will be required to serve, in addition to the space on the mezzanine floor, will be 150,000 square feet. The average space to be served by each machine therefore will be a little more than 31,000 square feet, which is a more conservative allowance than is made in any other building in the city. This will make possible a schedule of less than half a minute from the lobby.

The elevator entrance to the building is on Morrison street. It is probable that day and night service will be provided.

TERRA COTTA IS ORNAMENTAL.
Attractive Exterior Trimming Installed by Gladding & McBean.
One of the attractive features of the

Northwestern Barber Shop

Will Open On or About February 10

ONE of the most popular attractions in the Northwestern Bank Building will be the Northwestern Barber Shop. Mr. Elmer S. Ekbohm, proprietor of the Multnomah Hotel Barber Shop, will open to the general public on or about February 10, the most sanitary, modern and up-to-date barber shop on the Pacific Coast. These shaving parlors will be located on the mezzanine floor, occupying a 40-foot space on Morrison Street, over the entrance. There will be three entrances to this barber shop—on Morrison, on Sixth Street and also on Broadway. The equipment will be of the very best and Mr. Ekbohm is sparing no expense to make this by far the handsomest, most convenient and popular barber shop in Portland. Eight of Koch's latest model, one-lever, porcelain-enamel barbers' chairs will be installed.

These chairs are the best in the world and of marvelous strength, durability and beauty in design.

Each barber will be provided with one of Koch's Sanitary Sterilizers.

The interior of the shop will be all marble and French plate mirrors. There will also be shoe-shining and manicuring done in connection with this shop. The Lewis-Stenger Barbers' Supply Co., Morrison and Tenth Streets, have been awarded the contract for fitting up these palatial shaving parlors. This concern will equip this shop almost completely, such as Koch's Barbers' Chairs, individual porcelain enameled lavatories, porcelain enameled manicure table, the French mirror plates, and all the various fittings and supplies which will be used in the Northwestern Barber Shop. The Lewis-Stenger Barbers' Supply Co. is the oldest and most reliable barbers' supply house on the Pacific Coast. They are well known and handle only the best of everything and the most reputable and standard goods in their particular line.

The exact opening of the Northwestern Barber Shop will be announced later through the columns of this paper.

Barbers' Supplies and Fixtures Furnished by

Lewis-Stenger Barbers' Supply Co.

Dinwiddie Makes Good Building Record

Concern That Erected Northwestern Bank Building Excels in Speed and Efficiency.

ALTHOUGH the Dinwiddie Construction Company, which erected the Northwestern Bank building, has been organized only two years, many fine buildings already stand as monuments to their success.

Among these is the David Eccles building, in Ogden, Utah. This structure is ten stories high, and covers an area equivalent to half a block in Portland. Work on the structure is not yet finished. The building will cost about \$500,000.

The Kiesel building, in the same city, is a six-story structure, and was erected at a cost of \$200,000. It covers about the same ground area as does the Eccles building. It is of reinforced concrete construction, with a brick veneer finish.

The Journal building, in Portland, was built by the same company, at a cost of \$325,000.

In all its work the Dinwiddie Construction Company has made speed an important factor, although not sacrificing safety or efficiency. As a result nearly all the buildings erected by this concern have been completed in less than the contract time.

Instead of sacrificing efficiency in the development of speed it is the attainment of a high state of efficiency that has made an unusual rate of speed possible. Work on the Northwestern Bank building has had the personal supervision of W. S. Dinwiddie, president of the company, and a corps of trained experts in charge of each respective department.

LARGE AMOUNT CEMENT USED

Balfour, Guthrie & Co. Furnish "Olympic" Brand for Building.

Approximately 15,000 barrels of cement were used in the new Northwestern Bank building. Most of it is the familiar brand known as "Olympic" cement.

This brand of cement is manufactured at the Bellingham Portland cement works at Bellingham, Wash. The plant is owned and operated by Balfour, Guthrie & Co., of Portland, which firm also acts as the general sales agent for the product. Much cement used in the new buildings in various parts of the Northwest in the last few years has been furnished from this same plant. It is the only plant in the Northwest operating under the so-called "wet process" system and for this reason "Olympic" cement is preferred by many contractors. The cement used in the bank building, as well as all other cement used in Portland, is brought from Bellingham in carload lots. It has proved a very satisfactory building material and is in general favor wherever it has been employed.

RED BRICK MADE NEAR CITY

Standard Brick & Tile Company Furnishes "Backing Up" Material.

More than 1,000,000 red brick were required in the outside walls of the new Northwestern Bank building. They were used for "backing up" purposes and are not exposed to sight. These brick were furnished by the Standard Brick & Tile Company, with offices in the Henry building. Their plant is at Sylvan on the Canyon road, near Portland. These brick are used back of the white surface brick of the lower walls as well as back of the terra cotta on the upper portion of the building.

LOBBY IS MADE ATTRACTIVE

Marble, Mahogany and Lighting Fixtures Provide Beauty.

A lobby encased in marble and mahogany has been provided in the main entrance to the Northwestern Bank Building. The main entrance is on Morrison street, equally distant between Sixth street and Broadway. The sidewalks are of marble. The woodwork is of mahogany. The stairway leading to the mezzanine and upper floors is of marble supported by ornamental iron work. Ornamental cluster lights suspended from the ceiling furnish the illumina-

tion. In niches near the entrance are handsome bronze pillars bearing frosted lights.

A revolving door and two swinging doors provide entrance and exit. This is the first building erected in Portland in which both swinging and revolving doors are used.

MUCH PARTITION TILING USED

Oregon Production Furnished by Columbia Brick & Tile Company.

More than 100 tons of partition were used in the upper floors of the new Northwestern Bank building. They were furnished by the Columbia Brick & Tile Company, of 254 Hawthorne avenue.

This material is a product of Oregon. The tile is manufactured at Hogan station on the Portland Railway, Light & Power Company suburban lines. Many other buildings in Portland are equipped in a similar manner and the general satisfaction given by this kind of tiling caused its adoption in the bank building.

The partitions between the rooms are removable. The tile can be used over again if taken out to alter the size of rooms.

COOLING SYSTEM INNOVATION

Bell, Wildman & Co. Furnish Plant, Pump and Piping.

An innovation in the Northwestern bank building is an ice plant for cooling the drinking water used by tenants. Their patrons on each of the 15 floors.

This delicate piece of machinery, together with the circulation system connecting with it, was installed by Bell, Wildman & Co., contracting machinists, whose plant is located at the corner of Halsey and Thirty-third streets, on the East Side.

By use of this cooling plant fresh water is available at all times. A continuous circulation system is provided, giving fresh water at the instant the tap is opened.

"Your own home"



Based on that fundamental desire and need of every human being—is this association of men founded.

Each department is dominated by expert personal supervision in that particular line; each operates as a complete unit—yet interweaving one function into the other for the ultimate perfection in all matters that affect the home and its maintenance.

The Building Department—Personally directed by Oliver K. Jeffery, deals with the building of homes on the broad co-operative plan of payments that has made this association famed for its equitable method of operation—backed, as this method is, with a positive guaranty of satisfaction on a time basis.

Rental and Listed Properties Department—This handles in a concise business way, the buying and selling of all properties not owned by the "Builders." H. L. Mumford is in charge.

Insurance Department—Fire, Marine, Automobile Insurance in these phases is cared for by the immediate staff and personal attention of W. J. McCommon.

Mortgage Loans Department—As its name implies, this is for the purpose of loaning money and for the sale of mortgage securities and is under the management of C. B. Hurtt.

"The Better to Serve You" is this organization in its new home.

Here you will find men willing and able to serve you as best they may, with ability proven by years of successful experience—backed by ample capital, a record of unbroken integrity and achievement gained by conservative management and administration.

The Oregon Home Builders

Northwestern Bank Building, Portland

C. B. HURTT, Manager

OLIVER K. JEFFERY, President



The Cream White Matt Enamel
ARCHITECTURAL TERRA COTTA

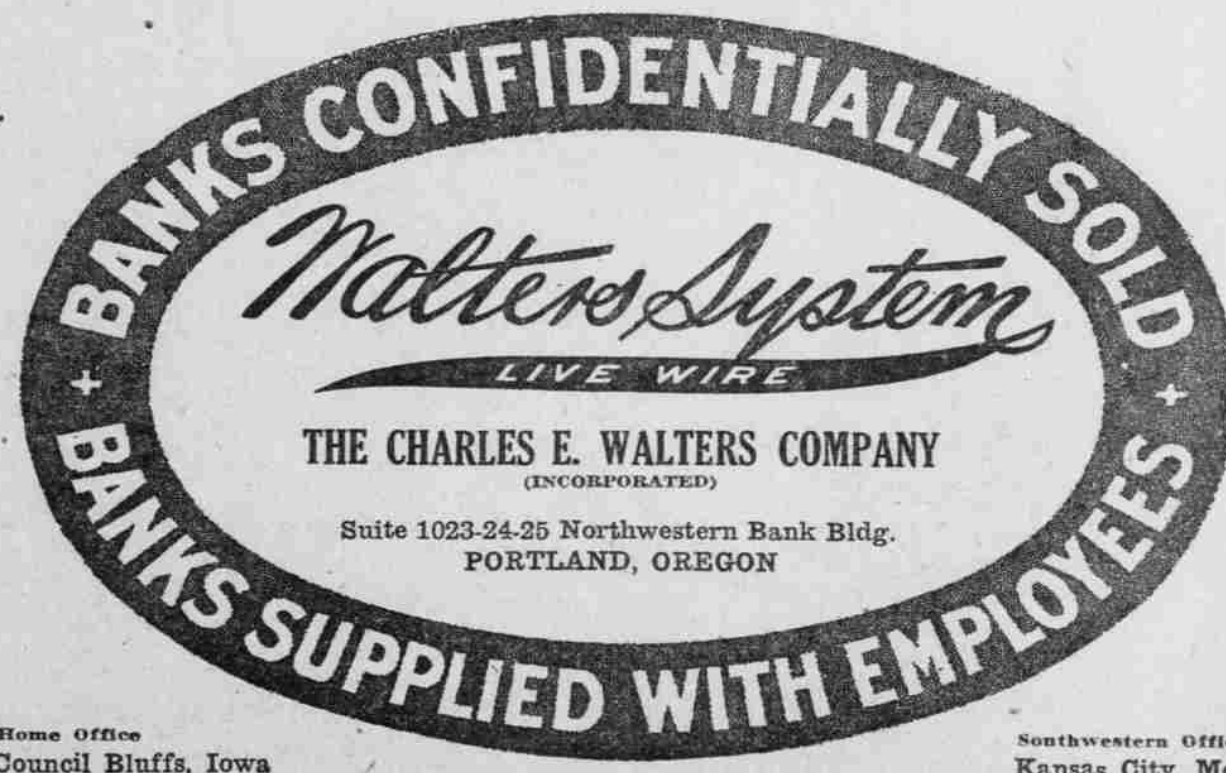
For Exterior of

NORTHWESTERN BANK BUILDING

Manufactured by

GLADDING, M'BEAN & CO.

Works: Lincoln, California
Main Office: Crocker Building, San Francisco



THE CHARLES E. WALTERS COMPANY
(INCORPORATED)

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