

FORMAL OPENING OF THE NEW CORBETT BUILDING



Equipped With Otis Elevators

The Corbett Building

Heated by direct steam
 Cleaned by the Vacuum system
 Equipped with compressed air plant
 Ventilated by the Fan system

All installed by

The W. G. McPherson Co.

Heating and Ventilating Engineers

328 Glisan Street, Between Sixth and Seventh

Hamer Sutcliffe

Established 1878

John Blied

Sutcliffe & Blied

WALL PAPER, DECORATING
 House Painting, Graining, Kalsomining, Paper Hanging
 Phone Main 1872

Shop and Store, 307 Alder Street

PORTLAND, OREGON

THE new Corbett building, two views of which are presented today, will be known as the Multnomah block. It will be remembered that the wooden structure which this magnificent skyscraper superseded, was known by the same name. The transition is such as every resident would wish to see take place on several other downtown corners. This 19 story steel structure is one of the most modern and fireproof office buildings on the coast. Money has not been spared to erect a building of the most approved type. Its entrance on Morrison street is ornamented with two massive granite columns, and the halls and corridors are wainscoted with white marble. Among the many noteworthy features is the elevator system, which is of the Ohio Traction type, like that installed in the Singer building in New York City. It has the first express elevator installed in Portland, which travels at a speed of 100 feet per minute, its first stop being at the eighth floor.

The entire building is heated by a vacuum system of direct steam heating, by means of which steam is made to circulate at a pressure below that of the atmosphere and the temperature of any individual room can be controlled independently. This, however, is not the only advantage of the vacuum system, which was installed by the W. G. McPherson company, for by its use exhaust steam from the engines operating the electric plant in the basement may be utilized for heating the building, with little if any back pressure on the engines, which always results in a consequent waste of power.

The banking rooms of the Security Savings & Trust company, located on the first floor of the building, are properly warmed and ventilated by a fan system, the operation of which is as follows:

Fresh air is drawn from the outdoors down through a vertical brick shaft to the basement, wherein are located a fan and other apparatus

comprising the plant. Passing down this vertical flue, the air is exhausted through an air washer, so constructed that it is entirely freed from all impurities and afterwards dehumidified to the proper degree. This is accomplished by passing the air through a fine cloud of water and thence through what is termed an eliminator, water being forced through spray nozzles, so constructed as to completely atomize it. The same water is used over and over again, being pumped up from the settling tank by means of an electrically driven centrifugal pump, then forced through the aforesaid nozzles, the operation being continuous. The water after passing through the air washer is warmed to a temperature of 70 degrees, this temperature being maintained automatically by the thermostat, and is then forced by the fan through the heating coils proper, passing successively through the mixing dampers, ducts and registers into the rooms to be ventilated. The temperature of the air entering the rooms is constant in volume, and being regulated by an automatic temperature regulator, reduces the steam consumption to a minimum. Four air escapes through ornamental concealed outlets in the ceiling of the rooms ventilated, passing into the foul air shaft to the outdoors.

A vacuum cleaning system of the most approved type was also installed, and this, by means of special appliances, collects all the dust and dirt from the floors, walls, carpets, upholsteries, draperies, etc., and exhausts this dirt into a tank located in the basement, by which it is deposited into water and passes out through the sewer.

Every office in the building is supplied with compressed air, for the operation of dentists' and doctors' drills and other instruments. This compressed air is supplied by an air compressor of a special type, also located in the basement.

The barber shop and Turkish bath establishment, which will be lo-

cated in the building, and will be the finest of its kind in the city, has also its independent heating and ventilating plant, by which air is brought from near the top of the building through a brick shaft in much the same manner as for the banking rooms, and after being heated and washed is forced through a system of underground tile ducts to the different rooms.

The boiler room in the basement likewise has another independent plant, furnishing air for forced draft for the boilers, and ventilation for the engineer's room.

The electrical fixtures of the building have been pronounced by critics as the finest in every detail found in the city. They were installed by the Western Electric works, who also did all the wiring of the building, as well as put in the switchboards and generators. In case both of the independent generators, either one of which will carry the entire building, fails to act, there is a storage battery to fall back upon which will run elevators and light the entire building for seven hours.

The fireproof doors, and the metal and screen work were turned out of the shops of the J. C. Bayer company, and reflect much credit upon the manufacturing industry of Portland.

The general appearance of the building is greatly enhanced by the artistic and uniform lettering upon the windows and doors of the structure. The work was promptly executed by Elmer J. Wallace, the well known designer of art signs and office letterings.

The painting of the exterior and the decoration of interior was the work of Sutcliffe & Blied. The tinting and interior decorating is a decided work of art, simple, rich and effective.

The above picture reflects the distinctive and towering appearance of the new Multnomah block, which is certain to be caught by the camera whenever the finest buildings of Portland are taken.

OTIS ELEVATOR COMPANY

HAVE MOVED THEIR OFFICES TO
 ROOMS 601 AND 602 CORBETT BUILDING
 PORTLAND, OREGON

ALL THE
**Metal Sash and
 Screen Work**

of the Corbett building was executed by

J. C. BAYER

Manufacturers of
 Cornices, Ventilators
 Roofing, Skylights
 Metal Shingles
 Etc.

263 to 267 Second St.
 Phone Main 467.

J. Polivka & Co.
 Tailors

Cordially invite you to call at their new location on the second floor of the Corbett building, corner Fifth and Morrison, after February fifth, nineteen hundred eight

ELMER J. WALLACE

Art Signs—Office Lettering

327 Stark Street—Telephone Pacific 1566

The artistic appearance of both the exterior and interior of the

NEW CORBETT BLD'G.

Is due in no small measure to the uniformity of the signs and office lettering executed by our establishment. Among the many other buildings of note we have lettered is the new Wells-Fargo building.

While making a specialty of office lettering, commercial signs of all descriptions have been a leading feature of our work. We are thoroughly equipped to execute promptly all classes of commercial signs. The force of employees number only the most expert and skillful artists.