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Complete Bank Equipments of the Higher Class

Our Work in Portland Consists of Banking Institutions Such as

NORTHWESTERN NATIONAL BANK PORTLAND TRUST and SAVINGS BANK

Ladd & Tilton Bank
Merchants National Bank
Hibernia Savings Bank

Scandinavian American Bank
Lumbermens National Bank
Geo. W. Bates & Co., Bankers

City Treasurer's Vault
City Hall and hundreds of other
satisfied customers in Portland

Fire-Proof Safes, Bank Safes, Vault Fronts, Deposit Boxes, Etc.

The Largest Safe Factory in the World and Recognized as Builders of the Best Safe Work Made

THE MOSLER SAFE CO.

Boyd M. Hamilton, Mgr.

Portland, Oregon

108 Second Street

MASSIVE FIREPROOF SAFE DEPOSIT VAULTS SERVICEABLE AND ATTRACTIVE

Great Marble-Lined Chamber in Basement of New Building Contains Treasures of Two Banks, as Well as Valuables of Individual Patrons Who Rent Boxes.

ONE of the most attractive features of the Northwestern National Bank and Portland Savings and Trust Company's new home, is the safe deposit department. On entering the main entrance on Sixth street the visitor is confronted with a massive marble vestibule. At the left a stairway descends to the safe deposit department, as well as an elevator which is situated in the vestibule and can be used by the patrons desiring to go to the safe deposit department.

At the entrance to this department is a massive steel grille, which makes it impossible for others than those who wish to transact business to enter. The vaults are so located that one can pass entirely around them on all sides, making it impossible for any attempt of burglary, as the night guard is constantly patrolling the vaults.

The construction of the walls, roof and floors of the vaults makes them impregnable and impenetrable, the construction being of concrete reinforced with steel and iron rods, which have for a foundation, been extended to bed rock. The safe deposit vault is of the most modern design. The lining consists of alternate plates to which is attached a great round door and vestibule, weighing over 30 tons. This door is hung on roller and ball bearings and is so finely adjusted that it can be moved with very little effort. The bolt work attached to the door weighs approximately 6000 pounds and operates on roller bearings. The locking mechanism consists of the most modern bank locks as well as a four-movement 72-hour time-lock.

There is also a door of lesser size, attached to the side of this vault, which is known as an emergency door and which acts in case of an emergency, and as well for ventilation, this being one of the new features in the large safe deposit vaults. The construction of the door, thickness, locking device, are of the same character as the main door and offer the same protection. This vault is also lined on all sides with electric protection, operating from a central headquarters and is of the very best type of construction of its kind.

On locking the vaults at night, this electric protection immediately goes into effect and after three minutes the manager of the vaults is signaled from headquarters that everything is locked for the night, this making it impossible for anyone even to touch the combination or the handle of the vault without ringing an alarm at headquarters. This is also a safeguard for the employees.

The deposit boxes, which fill both sides of the vault, are of the latest construction and the same style of lock that is used on these boxes is also used by the largest safe deposit company in the world, located in the Singer building, of New York City. The locks are of the newest "changeable key" variety, which are so constructed that the customer renting a box is not limited to any one key given him by the custodian. He simply picks his own key from some 5000 keys and the custodian changes the lock to fit this key. In this manner there is no record kept of the key, nor is there any way possible to duplicate this key, which gives the customer absolute protection.

The interior of this vault is nicely treated, having rubber tile floor, with massive mirrors in the rear, polished steel ceiling and attractive electric lighting fixtures, making the whole a solid and substantial treasure-room. At the rear, on the left side of this vault, is also a very large trunk vault,

for the safe keeping of trunks, silver chests and any sort of packages. This vault has compartments so that one can rent a section and have the same under lock and key if desired. Every package that goes into this vault is securely wrapped and bound with cord and sealed with a metal seal, making it impossible for the package to be tampered with. There is also adjustable shelving and this vault is lined with a heavy steel lining, with a massive burglar-proof door locked with time locks and combination bank locks.

The finish of the vault work is of polished steel, the most expensive finish used, which adds greatly to the massiveness and appearance. This finish is of selected polished steel plates and is attached by round ornamental knobs of polished steel on all of the doors. The vault is relieved in finish with bronze hexagon-headed nuts. The treatment is very attractive.

Alongside of the safe deposit vault at the right are two coin vaults, one used by the National Bank and one by the trust company, which are of the heaviest steel construction in this section, each of these containing separate compartments for the coin and securities, there being all told 21 compartments. The doors that are attached are of the most modern construction and these doors weigh 30,000 pounds each. This vault is used entirely for coin and securities and is one vault

divided in the center by a grille partition, having two doors, which makes it absolutely burglar-proof as well as impossible to become locked up so that it cannot be opened on account of the two entrances.

At the entrance of this room is a battery of five massive vault fronts, being a most formidable array of vaults and the most beautiful in this part of the country. The simplicity and massiveness of this work are impressive.

These vaults were designed by Boyd M. Hamilton, directing engineer of the Mosler Safe Company, whose Northwestern headquarters are at Portland, Or. This firm has built the largest vault contracts ever made and their work will be found in any part of the world.

Nearly all the big bank vaults, safety deposit vaults, jewelry vaults and private office vaults installed in Portland, Seattle and other parts of the Northwest in the last few years were designed and erected by the Mosler concern under supervision of Mr. Hamilton.

Almost invariably the vaults and safes for large banks of this kind are made to order. Plans have to be drawn and submitted to the factory for months in advance. So heavy are some of the steel parts used in the Northwestern vaults that 16 horses were required to convey single pieces from the terminal yards to the building.

MANY of the offices in the handsome new Northwestern National Bank Building exemplify the High-Grade Furnishings installed by

Meier & Frank Co.

Exclusive Portland Agents for
Life-Time Furniture

Carpets — Rugs — Draperies — Curtains

MUIRHEAD & MURHARD CO.

Installed the Plumbing, Gas Fitting, Vacuum Piping, Interior Fire Stand Pipes and Hose, Ice Water Supply Piping, Etc., in the

Northwestern Bank Building

All the Faucets were manufactured by the Glauber Brass Mfg. Co. The Plumbing Fixtures were furnished by the J. L. Mott Iron Works.

MUIRHEAD & MURHARD CO.

94 West Park Street
Portland, Or.

The heating and ventilating plant in the Northwestern building was installed by the

Kendall Heating Co.

24 Front Street

Heating and Ventilating
Engineers

Contractors for Steam and Hot Water Heating Apparatus—Force Blast System Heating and Ventilating

Main 801

Phones

A 3665

The "Flicker" —IN— Electric Light

Is frequently caused by mechanical defects or the lack of facilities. An accident in single-plant operation will produce a weak light, just as interruptions in the working efficiency of the machinery is apt to.

As the result of experience, it has been found that auxiliary generating plants are necessary for

Reliable Service

That patrons of the Portland Railway, Light & Power Company may secure a steady light, without "flicker" or low illuminating power, ten independent generating plants have been built and are now in operation. They are widely separated and all inter-communicative, thus insuring RELIABLE SERVICE to all who partake of it.

Portland Railway, Light & Power Company

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