

HOTEL PLUMBING AND HEATING OF THE BEST CLASS

Much Care Given to Two
Features That Are of
Great Importance

EVERY ROOM HAS
BATH OR SHOWER

All Done by Local Firm,
Melville Brothers, Who
Also Furnished Sheet
Metal Work.

Two features which are of major importance in the construction and the success of the modern hotel are the heating and plumbing facilities, and the best and most modern obtainable of these are to be found in La Grande's newest hotel—the Sacajawea Inn—which is now completed and will be officially opened on Saturday.

Only the best was considered by Julius Roesch in the building of the new hotel, and as a result the utmost in comfort and convenience for the hotel's guests is assured. As was his policy in buying materials for the entire construction of the seven-story hotel—to purchase locally wherever possible—both the heating and plumbing systems were purchased through the J. Melville hardware company, V. H. and H. V. Melville, associated with their father in the company, supervising the installation.

Each of the 95 guest rooms in the seven-story structure has a bathroom, which is equipped with fixtures of the most modern type. The bathrooms are all finished in tile, each one in a different color and all, with the exception of five, have both a shower and tub bath. These five are equipped with the shower alone.

2 Carloads of Tubs
Two carloads of bathtubs—50 in

all—were installed in the building by the Melville brothers, along with 195 lavatories and 105 closets besides many other fixtures such as shower curtains and other items necessary in a modern bathroom.

All of the bath tubs are Pembroke recessed tubs and are equipped with Sphinx combination shower and bath fixtures. These fixtures have the new Chromard finish, which is everlasting and non-tarnishing, which is an important feature in keeping the bathroom looking its best at all times. The Chromard finish is something new in the hardware line, and is claimed to be a great improvement over the older nickel finish.

Another feature of the hotel bathrooms, which is very new is the diverting valve which turns the water from the shower into the bathtub until the right temperature is obtained for the shower.

Lavatories are of Vitrus China with all Chromard finish fixtures. All of the bathroom equipment was furnished by Melville's with the exception of the steel cabinets over each lavatory, including rods for the shower curtains, towel racks, glass holders, etc.

Hot Water Tank.
The hot water tank, of 1000 gallon capacity, is located in the basement of the building and is heated by a boiler, separate from the main boiler which furnishes heat for the hotel. The boiler which is used for heating the water also furnishes steam for the kitchen equipment, such as the steam tables, the coffee urns, the dish warmers, etc.

A circulating hot water system is used in the building making hot water available at all times the instant that the faucet is turned on. This system avoids having to draw the hot water from the tank after the faucet has been turned on as with the older system.

Approximately five miles of pipe were used in installing the plumbing and heating systems for the hotel. One entire carload of pipe ranging in size from one-half inch to eight inches in diameter was used in the piping of the building.

Covered With Asbestos.
All hot water and steam pipes are covered with asbestos and are concealed so that not a single pipe is visible in the entire building. The purpose of the asbestos

The Heating System.
The heating system itself is the newest on the market. It is the Dunham Differential Vacuum heating system, which has proved to be the best for large buildings such as the Sacajawea, was put on the market only about a year ago, and during the past year 200 of these systems have been installed in the United States. Every state in the Union now possesses one of these systems, and eventually all larger buildings will install them, it is believed.

At the time when Mr. Roesch completed the deal for the heating plant for the Sacajawea, the Dunham Vacuum had not yet been installed in Oregon. That was last May and since then two others have been installed in the state, which indicates that this system is gaining in popularity and is being recognized as desirable for large buildings where many radiators are used.

Heat Regulation.
With this system it is possible to regulate the temperature of the rooms from a valve in the basement, according to the temperature out of doors, to keep the rooms at an even temperature at all times—neither too hot nor too cold. The heat is regulated by means of a reducing valve. An electrically driven pump, which is a part of the system, produces vacuum up to 25 inches mercury, from the system back into the boiler.

With this system the hotel guest never finds the rooms without heat or too hot from a radiator, which has been left turned on. A great amount of heat is also saved by the use of this system, and cuts down on the amount of fuel necessary for heating a large building. One carload of radiators—about

100 in all—were installed in the building. All radiators in the guest rooms and halls are hung on the walls high enough so that it is easy to clean under them with a broom or vacuum cleaner.

Modulating Valves.
Modulating valves are used on every radiator, making it possible for the guest to have absolute regulation of the heat at all times—to have the room as warm as he wishes or as cool as he wishes.

In addition to installing the heat and plumbing systems for the new hotel Melville's also did all of the sheet metal work for the building. All of the kitchen equipment wherever possible is made of metal instead of wood, the metal being easier to clean and more sanitary. A metal canopy above the 12-foot range carries away all smoke made from cooking, and is attached to a 24-inch pipe which runs to the very top of the building—about 80 or 90 feet—carrying the smoke far above the rest of the city.

Steam Table.
A steam table in the kitchen and one in the auxiliary kitchen on the mezzanine floor, are made of sheet metal and were also installed by Melville's. Dish warmers, which are warmed with steam, and keep the dishes warm at all times, are also made of sheet metal. There are two warmers, one in the main kitchen and one in the auxiliary kitchen. The

tables which are used in connection with the dish washer are of sheet metal and were made in Melville's shop here.

The bakers table is also of sheet metal, also all drawers, bins and shelves, metal being used wherever possible.

Two sheet metal chutes from the top story of the building to the laundry room in the basement were also installed by Melville's. These tubes have an opening at every floor, and one is used for laundry and the other for rubbish, avoiding taking the laundry or rubbish down on the elevator or carrying it downstairs. These tubes are about 80 feet from the top to the bottom.

The Entrance Marquee.
The large entrance marquee over the main entrance to the hotel on Adams avenue was made in the Melville sheet metal shop here. The marquee is 12 feet by 20 feet and extends to the outer edge of the sidewalk in front of the building. It is made entirely of sheet metal with an ornamental glaze skirting, with a line of amber border lights. Other lights on the under side of the marquee furnish light for the hotel entrance and add to the attractiveness of the front of the hotel building.

The marquee is anchored to the building by four one-inch bolts and is hung by ornamental chains, which were made by T. G. Flen-

ing in his shop here.

Another marquee similar to the one over the Adams avenue entrance, but smaller, will be installed soon over the Fir street entrance to the hotel.

Melville's started their work on the hotel about the middle of last May and an average of about five men have been employed on the building at all times. From the month of July until about Sept. 1 ten plumbers and steam fitters were working on the building installing the heating and plumbing systems.

RADIO SERVES 90 MILLION.
MILWAUKEE, Wis., Feb. 15 (AP)—Broadcasting stations in 57 countries serve 90,000,000 persons with radio entertainment and information, Bond P. Geddes, New York, executive vice president of the Radio Manufacturers' association, has estimated for the national federated radio trade association now in convention.

He said the investment in this country alone for broadcasting stations is more than \$20,000,000, six hundred million dollars was his estimate of the total amount spent in 1927 for radio products. The industry, he said, gave employment to 200,000 persons.

Shoes that lace instead of button protect and strengthen baby ankles.

Man Who'd Wed Needs \$30 a Week, \$900 in Bank, Economist Declares

DENVER, Colo. (AP)—Unless you have \$900 in the bank and an income of \$30 a week, don't get married, advises G. A. Warfield, dean of the University of Denver school of commerce.

An income of \$30 a week, the economist believes, is just enough to "get by" on, but there must be a prospect of increasing this amount.

"When the wife must go out in the business world in order to help her husband support their family, motherhood is defeated," he declares.

In no instance does he advise marriage unless there is a savings account of \$900, an amount not to be spent just because marriage has at last been attained, but to be kept as a nest egg against emergencies.

"A couple must have this nest egg. With not a dollar ahead, a person is a slave to money worries, and love will not easily survive slavery. Many young folks marry and depend on falling back on the old folks if need be. This is cowardly. Marriage is a challenge they had better recognize or leave alone."

"Newlyweds should not demand so much. They want a car, a luxurious apartment, theater tickets

and fur coats. All this requires a large income. So they both work and forego the happiness of married life to save for these luxuries that are not so important. If they wait to marry until they can afford these things they are doing an unnatural thing. Postponement of marriage lessens the possibility of happiness."

Dean Warfield believes that at the oldest a man should not be more than 27 and a woman not more than 24 to insure happiness in marriage.

"Marrying young and striving to achieve together forms a comradeship in accomplishment that is stronger than waiting three or four years until the income is \$50 or \$60 a week."

BIGGEST SHARK CAUGHT
WELLINGTON, New Zealand (AP)—Lord Grimthorpe landed a shark which weighed 330 pounds, said to be the world's greatest catch.

DUBLIN (AP)—The Irish Free State has opened its own patent office, and requires all foreign patents, even British, to be registered.

Gleaming Tile Baths In Every Room!

Nothing contributes so much to the comfort and pleasure of a hotel guest as a perfectly appointed bathroom, with gleaming floors and high wainscoting of fine tile—decoratively, permanently set

The Tile Contract for the New
SACAJAWEA
was executed by the
W. E. FIELD TILE CO.
of Portland

Knowing the lasting beauty, the remarkable cleanliness, the investment benefits of tile work of this quality, we take pleasure in congratulating Mr. Roesch and La Grande on this, and all other notable features of the Sacajawea. Indeed does it "point the way to better things."

L·I·M·E

Is An Important Factor in Every
Fine Building
and in the

SACAJAWEA INN

A Permanent and Beautiful Structure was aided through the use of

"CHIEFTAIN" Lime

As "Chieftain" Lime has been welcomed as a new Eastern Oregon product, so we welcome the Sacajawea as Eastern Oregon's newest hotel. The building is a great achievement and our congratulations are extended to its builder, Mr. Roesch. He may well be proud of its permanence, its facilities, its beautiful furnishings.

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Lime Company**

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