



Building & Improvement

CEMENT MILLS SUPPLY STATE

Oregon, although the first state on the Pacific coast to manufacture portland cement, produced no cement from 1888 until 1916 and only recently began making an amount in excess of the state requirements, according to reports of the United States Geological Survey. Oregon portland cement mills, however, are now well able to supply the needs of this state and to provide sections of nearby states with this building material.

Oregon is a state of diversified industries and practically independent. Shannan fishing and canning,

fruit, cereal and stock raising, all have provided her with valuable sources of income. And with the establishment of portland cement manufacturing on a firm footing this state has added another important industry to her list.

Three Mills Operating.—Three portland cement mills are in operation and have a total installed yearly capacity of about 1,300,000 barrels of cement, or 4,400,000 sacks, each weighing 94 pounds. Estimated the Oregon population of 220,000 in 1923. This state had a per capita use of one and one-seventh barrels for that year, according to the latest government figures.

The Pacific Coast's first plant was built at Oregon City, Oregon, in 1884 with equipment, no far advanced of most mills at that date that it was not generally adopted by other plants until some ten years later. The output of this plant was 100 barrels of true port-

SPEND \$15,000 ON ICE PLANT AT NORTH POWDER

NORTH POWDER, Ore.—Herman F. White, superintendent of the P. E. K. ice plant, has been advised that the company will spend approximately \$15,000 for improvements this summer. The work to start sometime in June.

Improvements include a 400-foot platform extension, increase of ice capacity in the ponds, building mixers, conveyors, pump, washers, etc.

Building Materials Cost Less This Year

WASHINGTON.—The materials necessary for the construction of a six-room home, either of the frame or brick type, cost less than they did at this season last year, according to a study made by the department of commerce.

The costs do not include labor and are an index of materials only, which have been held down in the case of record building.

land cement which was much in demand for use in sidewalks and curb work, and for making artificial stone. The early Oregon product was considered better than the imported building material but the plant was forced to cease operations because of the failure of the cement rock supply, which at first was believed to be inexhaustible but later proved to be only a thin veneer of stone on the surface of the mountains.

Revised in 1916.—So the cement industry passed out of existence in Oregon in 1888 and was not revived until the establishment of the plant at Oswego in 1916. Since then the two other plants were built at Gold Hill and Ligo. These three mills are thoroughly modern and representative of the 134 plants scattered throughout the United States from coast to coast. Oregon cement mills are perhaps the chief consumers of fuel oil in the state. Each year about 200,000 barrels of this oil are burned in the huge kilns in which the raw material is converted into cement, either at a temperature of from 2,500 to 2,600 degrees Fahrenheit.

Oregon produced portland cement is used in constructing concrete rural highways, street and alley pavements, office buildings, factories, homes and is utilized in numerous other ways.

The outstanding use of portland cement in this state is being made by Astoria in the rebuilding of the business section burnt over by the fire in December, 1922. Already 46 new establishments have been erected and about nine of every ten are constructed chiefly of concrete in order to prevent a recurrence of the disaster. Concrete has been utilized also in the rebuilding of the main streets which facilitated the spread of the fire because of their combustible nature.

About one-third of the portland cement used in Oregon is moulded into concrete roads, streets and alleys. This state now has 227 miles of concrete rural highway, of which 28 miles were built in 1924. Thirty-one miles of streets of this type were built last year and the total mileage is now 153 miles.

Hidden Systems Great Factor In Residences

(By Charles B. Miller)

A building is a structure to house a business or people; it is an edifice, it is a structure built up from raw materials manufactured into different shapes and forms to fit different parts of a structure.

Our first idea of a building was something which would serve as a shelter to protect us from the elements. We put up four walls and a roof that kept out the rain and wind, but when we wanted to make the building comfortable we had to bring the elements indoors in one way or another.

Early Progress.—First we put in the wood and kept it off in a corner to cook and give us heat. This we found to be more or less certain, so we found the means to tame them and made use of other ways of heating and cooking.

But, one by one, water, heat, lights, gas, oil and electricity, and other conveniences have been developed and put to work and use in the new buildings to make indoor more livable, and water to drink and wash with brought health and cleanliness. Steam brought us heat, gas and electricity brought us better lights and a better way of cooking.

The "Arteries."—But all these elements had to have systems to work in, pipes and fittings to lead and put them around the corners and to the places of convenience, towers and control and at the same time ready for work. Today you take all these conveniences for granted, in the building of your home of apartment and you will add have a place that does not contain these hidden elements.

Every person knows that he has veins and arteries, but he doesn't

PLAYLES BUY MODERN HOMES

The largest residential transaction that has occurred in La Grande for some time took place last week when, through the George H. Curvey Real Estate Agency, the Elmer J. Stoddard home at 1424 Fourth was sold to Auldner Playle and the J. Henry Boyce home of 1684 was sold to Charles Playle.

Both residences are listed among the finest in this city. The Stoddard place was erected a few years ago and is modern in every detail with five rooms. The residence purchased from Dr. Boyce is a six-room structure, erected last year at a considerable cost.

Auldner Playle will take possession October 1 and Charles Playle will take possession June 1. Mr. Stoddard expects to erect a modern home this summer, the location is yet undecided.

Northside Property Bought by R. Delano

R. Delano has sold his property at 2405 Greenwood street to E. H. Griner.

The deal was made through the Pyramid Land company.

"Man has no moral right to skin the earth and squander our common heritage. A man who plunders the soil, whether it be plain land or rough and rocky mountain land, is a robber. He takes that which does not belong to him and he withholds wood from generations yet to be born," says Clifford Finchot.

four months' output, or approximately normal, so there is no doubt that quotations will continue to strengthen.



Lots of Good, Live Electricity

That's the plain American of what you want in a power and light plant. And that's what the Kohler Automatic gives you.

Plenty of power for all sorts of uses. Plenty of light, 110 volt, current (city standard); carries long distances—allow your place. Automatic operation. No storage battery bother. Economy. Safety. Dependability.

Come in any time and see a real power and light plant at work. Convenient payments.

NATE ZWEIFEL
1314 Jefferson

KOHLER AUTOMATIC POWER & LIGHT



A man came to the new lumber yard inquiring for a copper boiler that was lined with copper, with a copper fit and even put together with copper rivets. He said he wanted it for his wife to cook fruit in—? We don't handle moonshiner's supplies and don't expect to.

Boiled Lard Oil, \$1.49 per gallon.

Sheehan-Williams White Lead, 17c per lb.

House Paint, \$2.50 per gallon.

Cedar Shingles, \$2.25 and \$3.50 per M.

Nails, \$3.05 base in keg lots.

Claude C. Pratt
Lumber Co.
"The Poor Man's Friend"
Oppo. Foundry, PHONE 248-W
No Sunday Business

Inside and Out--

To insure greatest wearing quality as well as an attractive appearance, be sure that the paint you use is right. A complete stock of selected paints here for you—and 25 years of experience at your service.

We'll gladly help you with any paint problem.

PAINT - VARNISH - WHITE LEAD - LINSEED OIL

Bugg Paint Co.
J. A. BUGG, Mgr.
Entrance on Washington Ave.

Our experience will aid you in solving the problem of lighting your home.

Consult Us—Without Obligation

H. & S. Electric

GLASS

We Carry the Largest Stock in La Grande

WINDOW GLASS
WIND SHIELD GLASS
SEDAN DOOR GLASS

Estimates furnished on all sizes of plate and Art Glass

La Grande Const. & Supply Co.
CHAS. E. HARRIS, Prop. Cor. Greenwood and Madison

Screen Up!

Those Pesky Flies

are sure to come with warmer weather. You can keep them out and protect your home against all insect pests by putting screens on your doors and windows.

Our Screens Will Keep Them Out
Screens Made to Fit Any Door or Window.

Sash and Doors, Latticework for your flowers and garden. Paints, Builders Hardware—in fact every building need for the home.

Grande Ronde Lumber Company

Out of the woods direct to builders—all grades—all prices.
Retail Yard across the Tracks on Greenwood Avenue.

Permits

April 25—H. A. Crawford took out permit to build frame dwelling place on North street between M and L. Estimated cost \$400.

April 25—W. C. Kelly given permit to erect one story building on Second street between N and O. Estimated cost \$200. Owner, Chas. Bingham.

April 28—Building permit issued to J. L. Blanchard to build a dwelling place on Fourth street between D and C at an estimated cost of \$1,900.

May 1—Building permit issued to L. E. Hutchins to build a garage on Cherry costing \$134.

May 2—Permit issued to C. E. McPherson to build an X between Spruce and Pine. Estimated cost \$25.

Softwood Demands Now Nearly Equal Output

Demands now being made on the larger softwood producers practically equal their production, orders received during April being slightly in excess of output, says the American Lumberman, Chicago. As spring opens, prices are firming, and should soon advance enough to afford the mills a fair margin of profit. Retailers and industrial consumers are steadily selling or using the stocks laid in last winter, meanwhile buying very closely for filling in, so are hearing the time when larger purchases will be necessary. The general market shows a firmness that justifies buying a little further in advance.

Orders booked by Southern Pine Association mills again exceeded production during the week ended April 18. Rates last week in the southwest promise a removal of demand from that section which would have a healthy effect on the pine market. Northern and western yards are increasing the volume of their orders. There is good call from the railroad and oil fields, and a large export movement to the West Indies.

The Douglas fir mills are reporting a decided increase in rail trade, but business with California and the Atlantic coast is much below expectations, and the smallness of export takings is the market's weakest feature. The mills, seeing that present prices scarcely meet costs, refuse to overproduce so that for April the orders received were 12 per cent in excess of output. An extension of the usual summer shutdown from thirty to sixty days is talked about. The Orient is a poor buyer, but revival of Australian demand has recently brought an increase in vessel orders. The lumber market is quiet here for California and the Atlantic coast states give indications of larger purchases by them, especially increased foreign buying of hardwoods is the feature of that

North Powder Man to Erect \$5,000 Residence

H. P. NIELSEN
PHONE 216-R
General Contractor and Builder
805 Spring St., La Grande

If he advertises it, he knows it's good.

\$25.00 DOWN PLUS FREIGHT AND INSTALLATION— PUTS IN YOUR HOME A SUNBEAM PIPE OR PIPELESS FURNACE

Only \$25.00 down puts this better and more efficient heating system in your home.

Learn the Comforts, the Convenience and real Economy of Sunbeam Warm-Air Heating. Learn how easy it is to install and to own a permanent heating plant. Your home deserves a Sunbeam.

Fred Spaeth

Plumbing, Heating, Sheet Metal Work
108 Fir St. Phone Main 586

Blue Mountain Oregon Lumber

We Have Over 20 Million Feet of Lumber

From which you may purchase the size and grade you require for your building or repairing. You can buy with the assurance that the lumber is correctly milled, correctly graded, correctly priced and correctly delivered.

A Size and Grade for your Every Need.
SASH, DOORS AND SHINGLES.

Bowman-Hicks Lumber Company
MAIN S
CHAIN AND BOX WOOD—PHONE MAIN 547
J. L. MUNNALL