



PLENTY OF STONE FOR STRUCTURES

Architects Believe Frame Will Go Out of Style Soon.

QUANTITIES OF GOOD ROCK CLOSE TO CITY

Quarries Close to Portland and Accessible to Local Builders-Stone Buildings Are Cheaper in

"How long before the pendulum will wing back, bringing stone again into favor as a building material?" asked a well-known Portland architect who is known to have a strong preference for the massive stone construction that was so popular a decade or more ago, examples of which may be seen in the Chamber of Commerce, the Portland Trust Company or Oregon at Third and Oak streets, the First Presbyterian courch and the lower stories of the Portland hotel, the Imperial hotel and the Marquam, Oregonian and Dekum buildings. Stone Goes Out of Pashion.

Different classes of building material have their cycles of popularity, as much so as the various styles of architecture. Just now the steel skeleton with brick outside walls and the reenforced concrete structures are enjoying a season of immense popularity. The great progress that has been made in the wast few years in the manufacture of fine facing brick of attractive designs and coloring has resulted in the supplanting of stone to a great extent, and the very general use of brick in constructing the outside walls of steel-frame buildings.

While it is not probable that steel will ever be discarded as the frame of most of the heavy urban construction but it is altogether likely that stone will in a few years be as generally used in the walls of this class of construction as brick are now. In fact, in some of the more recent skyscrapers in the eastern cities, notably Baltimore, small stones about twice the size of an ordinary brick are being used in the walls of the big steel skeleton structures. Indiana limestone and New England grante are almost exclusively used in this class of construction in the eastern states. crete structures are enjoying a season

Portland builders and architects will after a while tire of the plain brick wall and demand something more ornamental, when recourse will be had to the inexhaustible variety and supply of excellent building stone within reach of this city. No state in the union has a larger variety of valuable building-stone than Oregon. The Phoenix sandstone quarries in Douglas county turn out a stone that is unsurpassed as a building-stone. Local stonecutters say that it is equal to New England granite in strength. At Watertown, Massachusetts, some years ago, a government test was made of the Douglas county stone, and it developed a crushing test of over 16,000 pounds to the square inch. The Methodist church south is being built of this stone.

Near Dallas, Polk county, a superior sandstone is being quarried, which, when first taken out is soft but hardens rap-Big Quantities Near Portland.

and it developed a crushing test of over 16,000 pounds to the square inch. The Methodist church south is being built of this stone.

Near Dallas, Polk county, a superior sandstone is being quarried, which, when first taken out is soft, but hardens rapidly under exposure. The courthouse of Dallas was built of this stone. A very superior sandstone is quarried at Forest Grove, he miles from Portland. This stone is used largely in this city for porch work. It is easily sawed and is coming into very general demand.

Stone in City.

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Within the limits of Portland there is an inexhaustible supply of basaltic rock that is admirably adapted to house-building. It is finely colored and was affectively used in Trinity church at Nineteenth and Everett streets, and in St. Vincent's hospital. Large quantities of basaltic rock have been used in the porch work and in retaining walls in this city.

The St. Helens quarry of basaltic rock is but a few miles from the city. It has successfully passed the severest tests and has been utilized in some of the city's handsomest building.

There is a very general belief that stone as a building material is much more expensive than either frame or brick, but this has been proven to be erroneous. The building committee of the Methodist church south found that their church could be built of Douglas county sandstone cheaper than of Portland-made brick. The preliminary estimates for St. Francis' church also disclosed that stone is cheaper than brick.

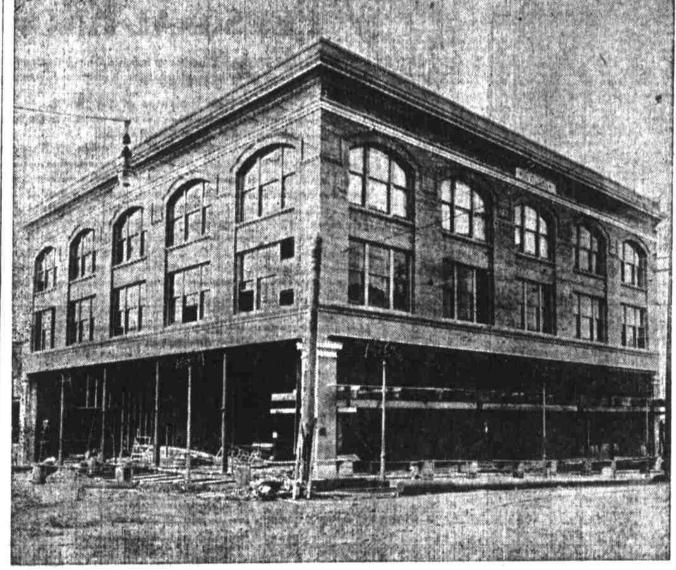
Stone Cheaper Than Wood.

Stone Cheaper Than Wood. The life of a frame building is but little more than 20 years, while constant care and expense is required to maintain it, while a stone house is practically indestructible and requires neither paint nor repairs. A stone building may cost twice that of a frame structure, but in the end it is far cheaper.

MANY NEW HOMES WILL BE CONSTRUCTED

Residences to Cost Up in Thousands to Be Built on Both East and West Sides.

Architect Emil Schacht has finished plans for the following buildings which are ready for contractors' bids: Two and one half story 14-room residence for Mrs. J. A. Veness of Winlock, Washington, to be built at the northwest corner of Twentieth and Johnson streets; W. J. Zimmerman's two-story nine-room residence to be erected at East Twenty-second and Weidler streets, estimated cest \$6,000; apartment house on King street near Washington to be built for Judge Charles Page at a cost of about \$10,000; William Ballis' frame footut \$10,000; William Ballis' frame residence on Cornell road to cost \$4,500, and a bungalow on West Park street, between Columbia and Clay, estimated cost \$4,000.



Buckman Building, East Burnside Street and Union Avenue, Gevurtz' New House-Furnishings Store.

BE OPENED SOON

Handsome Structures Will Help Relieve Big Demand of Rapid Growing City.

Within the next 90 days Portland's notel accommodations will be largely in-

will be turnished and in operation not later than January 1.

Another modern hotel that is nearing completion is that of Dr. C. W. Cornelius on Park and Alder streets. Five of the six stories are finished. The lower floor of this building will be utilized for business purposes, the five upper stories having here leased to a well per stories having been leased to a well known hotel man, who will open the new hostelry about January 1.

GROUND BROKEN FOR

New Residences Will Be Built by R. A. Leisy and Mrs. L. Murphy.

two-story frame dwelling at the corner of East Sixteenth and East Main streets. The house will rest on a ful cement basement and will be equipped with a steam heating plant. The es-timated cost will be between \$4,000 and \$5.000

Another east side residence for which ground was broken during the present week is that of Mrs. L. Murphy, who is just beginning the erection of a two-story frame house on Halsey street, between East Third street and Union

NEW RESIDENCE ON

Architect Emil Schacht has let the contract for the erection of an eightroom frame residence on Willamette heights for Mrs. Charles Croquester. The house will be modern throughout and will cost \$5,500.

D. W. Gates, who recently purchased a valuable lot at Ardmore, has commissioned a local architect to prepare the plans for a \$6,000 home to be built on the property.

Lighting Heating

right Side Gra Spark Guards.

The M. J. Walsh Co. oms 311 Stark St., Botwoon Fifth and Sixth.

"Color to Stone. QUARRY LOCATED IN

From Its Similarity of

Mixture Was First Mixed on Side-Enormous Proportions - Supersedes Hydraulic Cement.

From the fact that the R. C. Rickmers, said to be the largest sailing vessel, with steam auxiliary, afloat, recent- would not ferentiated cement, and it may be stated

ferentiated cement, and it may be stated generally that all cement that is not "hydraulic" is "Portland." Alsen's, which was brought to California from Germany by the R. C. Rickmers, is Portland cement. This does not take its name from the place at which it is made. In fact, on the same principle that guided the man who wrote under the heading snakes in Ireland, there are no snakes in Ireland, one might write, Portland cement, there is no cement made in Portland. The variety that is called "Portland" was discovered by a modern Englishman. Hydraulic cement, however, had been made and used for many centuries. It was hydraulic cemany centuries. It was hydraulic cement the the Romans and other ingenious, constructive ancients used in the huge works, some of which still exist. The Romans were making hydraulic cement long before the English-speaking peoples or their kinsfolk, the Germans were ever heard of except as Germans, were ever heard of, except as barbarians. The keen, experimenting Englishman who introduced Portland ad his first mixture trowelled on the sidewalk, where it became evident that it had a peculiar grayish color, re-sembling that of the dressed stone taken from the famous quarries of Portland, England—stone which in those days was esteemed to be of the highest standard of excellence for build-

DR. ROSSITER WILL

Architect A. H. Faber is preparing plans for a two-story, eight-room ce-ment block residence to be erected at oswego for Dr. Rossiter. The cement blocks to be used in this structure will be manufactured by a Portland concern that has recently built a plant for the urpose of manufacturing this class of uilding material. Cement blocks have been very little

used in house construction in Portland, but they are coming into very general use in porch building, especially porch CHURCHES PLAN FOR

NEW BUILDINGS Now is the time to select your Grates. Andirons, Spark Guards, Lighting Fixtures, Table Lamps, Burners and Glassware.
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Both Phones. mailing; postage 15 cents extra-

Portland Cement Got Title Surplus of Local Product in San Francisco Has Been Consumed.

Lumber manufacturers say the California market for building material is stiffening quite a bit and they believe PORTLAND, ENGLAND hat the surplus accumulated in the vards of the Bay City during the period when everybody poured cargoes and carloads into the field with the expectwalk-Industry Is Growing to ancy of making hav while the sun shone has about been worked off. This Dallas looks good to the mill men, because under normal conditions California is a good market for the products from the Oregon forests.

The local demand for building lumber is brisk and as good as could be hoped for, but it has a limit or the mill men worry over threat of adly discharged at the San Pedro docks 40,000 barrels of Portland cement, a spirited and widespread discussion has arisen among California papers as to what is "Portland cement." The question is answered by the Los Angeles tion is answered by the Los Angeles
Economist in a manner that squares
with the writer's information. Here is
what the Economist says on the subject:
"There are two kinds of distinctly differentiated cement, and it may be stated pense.

Will Reduce Output.

Lumber men declars that there is little likelihood of lumber becoming much cheaper here, even if the proposed freight advance becomes effective, because in that event the mills will simply reduce the production commensurate with the demand.

They contend that the price of logs and the cost of labor will prohibit any possibility of much rate-cutting and the loggers are said to have the situation so well in hand that they need not sacrifice their timber should the mills reduce orders. There is a sufficiency of logs being brought to the mills to meet all present demands, but by shutmeet all present demands, but by shut-ting down the camps or running re-duced gangs the output of logs can easily be held down to the actual demand. "We

"We are having no trouble getting logs at the prices established or agreed upon when the camps opened up about a month ago," sald a prominent mill man this morning, "but I understand the loggers do not propose to put logs into the water faster than they can be disposed of at prices that will permit of a fair profit. In view of this fact there is little likelihood of lumber prices being reduced, even if the pro-posed advance becomes effective."

sek is that of Mrs. L. Murphy, who just beginning the erection of a two-ory frame house on Halsey street, tween East Third street and Union venue, at a cost of \$4,500.

IEW RESIDENCE ON

WILLAMETTE HEIGHTS

Architect Emil Schacht has let the ontract for the erection of an eight-oom frame residence on Willamette eights for Mrs. Charles Croquester. The house will be modern throughout and will cost \$5,500.

D. W. Gates, who recently purchased will be the count of this resemblance the Englishman named his mixture Portland cement, a title with which it became identified, although it has been somewhat puzzling to many people, on account of what may be called its absolute geographical irrelevancy. The cement industry is growing in dimensions, proportions and in importance. It is greatly indebted to ambitious and enterprising modern commercial civilization is greatly indebted to Portland cement, the house will be modern throughout and will cost \$5,500.

D. W. Gates, who recently purchased will be a commission to the question."

A report from Seattle states that shingle prices have gone of 25 cents are result of a sensational bear raid made on the market by a group of wholesalers anxious to beat down the price of shingles for the late fall trade. At the first of the week shingles were silling on the base of \$3 for stars and \$3.30 to \$3.40 for clears, and stars were hard to get at that price. Now quotation is greatly indebted to Portland cement, which has enabled it to perform many feats that would otherwise have been out of the question."

The Willamette valley mill men are BUILD AT OSWEGO

The Willamette valley mill men are altogether up in the air because, in the first place, they are confronted with a disgusting car shortage, and in the second place with the prospects of having the rate to the Salt Lake territies at two story at the rate to the Salt Lake territies. tory advanced.

Only Have One Territory. This territory offers practically the only market for the valley mills at present because of a prohibitive freight rate to San Francisco bay common points, and a number of the mills will

points, and a number of the mills will probably shut down completely unless conditions improve.

A petition for a reduction in the tariff to San Francisco bay has been placed with the state railroad commission. At present the railroad charges \$8 per thousand feet to San Francisco, whereas it can be shipped for \$4.50 by water from this port or mills on the Columbia river.

bia river.
The Oregon & Washington Manufacturers' association is meeting this afternoon and discussing conditions, etc. but most of the time will, in all prob-but most of the time will, in all prob-ability, be devoted to talk concerning the inability to secure railroad ears, as this and the rate question are the most vital on the program

> Hindu Fined for Assault. (Special Dispatch to The Journal.)

Aberdeen, Wash, Sept. 21.—In the trial of the two Hindus arrested for as-sault on Albert Seaburg at West's mill Limited number of copies of the sou-venir issue of The Journal can be had at The Journal office at \$1 each, ready for mailing; postage 15 cents extra.

PORTLAND'S GAIN

Only 22 Cities in United States Have Big Building Record.

ROSE CITY ALONG WITH TOP LINERS

New York, Chicago and Other Big Eastern Centers Report Loss in Building Statistics as Compared With August of Last Year.

Out of 48 of the larger cities in the United States, 22 show gains in building construction varying from 1 to 463 per cent for the month of August, compared with the building record for the same month in 1906. Twenty-six other cities show a slight decrease, ranging from 1 to 73 per cent in the same table of statistics.

It will be recalled that August, 1906, was a record-breaker in the building construction line throughout the country, and as only a 3 per cent loss is reported the statistics of the past month are by no means discouraging. But for the big losses reported in half a dozen of the largest cities in the country there would have been a substantial gain shown for August, 1907. New York Losses.

Greater New York reports a less of more than \$4,000,000 or 21 per cent. Chicago's decrease is nearly \$1,000,000, equal to 17 per cent. Philadelphia reports a 5 per cent decrease, while St. Louis reports the heaviest per cent decrease of any of the largest cities—32 per cent. Baltimore and Cleveland each report a small decrease, the former 5 and the latter 8 per cent.

The substantial, healthy increases are all shown in the cities containing from 100,000 to 300,000 population. Of these Pittsburg leads off with a gain of 110 per cent, closely followed by Hartford, Connecticut, with a 91 per cent increase. In this class is Portland, with a 21 per cent gain and Minneapolis

a 21 per cent gain and Minneapolis with a 9 per cent. The largest increase reported was at St. Joseph, Missouri, 463 per cent. Los Angeles and Seattle both showed small losses—Portland being the only large Pacific coast city reporting an increase. Story Told in Pigures.

The following statistics, compiled and tabulated by the American Contractor of Chicago, give the whole story: Aug. 1907 Aug. 1906 Pct.

City— cost. cost. Baltimore ..\$ 676,628 \$ 712,970 Bir'ngham . 200,257 205,744 Bir'ngham 205,744 5,439,175 94,675 1,120,355 ambridge 96,400 1,027,545 Cleveland Chatta'oga Cincinnati Davenport ... 271.843 Detroit Evansville ... Gd. Rapids... Harrisb'g ... Louisville Los Angeles. Milwaukee 1.342.006 Minneapolis. 324,205 267,461 198,822 New Haven.. New Orleans 9,027,046 Manhattan. Brooklyn ... Bronx.... 1,810,600 Greater N.Y. 15,221,884 Omaha 568,700 Philadelphia. 3,238,715 2,076,428 861,880 3,434,405 985,813 **711,790** 14,615 Pittsburg ... Pueblo Reading St. Joseph St. Louis St. Paul, 563,399 Scranton South Bend .. 299,917 Syracuse 516,700 67,515 899,210 Salt Lake Terre Haute. 159.879

62,052 119,935 1,093,425 258,520 233,597 885,696 257,873 638,132 Trenton Washington. Worcester ... 191,812 238 Wilkesharre Totals\$41,570,820 \$47,213,416

*Pct. loss.
**Mobile issued one permit for ,248,000 in August, 1906.

QUARTERS IN 60 DAYS

Buckman Building Will House Gevurtz & Sons in a Short Time.

The illustration on this page represents the Buckman building, a fourstory, mill-constructed building, which was put up at the southeast corner of Union avenue and East Burnside street. and leased for a term of years to Ge-vurtz & Sons, who will occupy it within the next 60 days with a large stock of general furnishings. The building will cost when completed about \$40,000 and is one of the most substantial and conveniently arranged business houses on the east side.

CAR SHORTAGE HOLDS BACK ALL WHEAT

(Special Dispatch to The Journal.) La Grande, Or., Sept. 21.—Already it is estimated by wheat dealers that between 500,000 and 600,000 bushels of tween 500,000 and 600,000 bushels of wheat have been purchased from Grande Ronde growers and that amount is being delivered to wheat dealers of the valley for shipment. The exportation is being delayed on account of the shortage of cars. Harvest will not be over for several weeks. Prices are good and with the thousands of bushels yet to be shipped the returns will be very good.

WOMAN SOCIALIST IS FINED FIVE

(Special Dispatch to The Journal.)
Spokane, Wash., Sept. 21.—Miss Ida
Crouch-Hazlett, the socialist orator who caused 2,000 persons to block the street recently, has been fined \$5 and costs in Judge Sullivan's court. Her attorney has appealed.

Little liners in The Journal cost only a cent a word. Fifteen words or less 15 cents an insertion. Phones: Main 7173; A-8250.



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