

DECEMBER BUILDINGS WILL HEAD THE LIST

Instead of Quiet Period Present Month Bids Fair to Pass All Others in Construction Records—Oak Street Office Building Permit Swells Week's Total.

With building permits issued during the first five days of the week amounting to nearly \$60,000, which amount, by more than half of the total for November, the indications are that instead of a decline in the volume of new construction work usually the case in December, the month will actually show a substantial increase over any other month during the present year.

The largest permit for the week was that for the six story office building at Fourth and Oak streets, to be erected by Charles K. Henry, at a cost of about \$200,000. The permit for this structure calls for an expenditure of \$157,000, but at least \$50,000 additional will be required in fitting it for occupancy.

Warehouse Permit. Another large permit taken out this week was by Contractors Litherland & Abrey, who are putting up the Klenan warehouse, a four story brick building which is to occupy all of the block bounded by Twelfth, Thirteenth, Davis and Everett streets, and which upon completion will be occupied by W. P. Fuller & Co.

C. Minsinger has taken out permits for the erection of two four story frame flats on East Thirteenth street, between Welder and Broadway. The permits for the two flats call for an expenditure of \$112,000, but it is estimated that to complete them will require \$3,000 additional.

S. Natscher has begun the erection of two story brick store building on Couch street, between First and Second streets, which will cost about \$6,000.

Unnumerable Smaller Buildings. The Kenton Building & Contract company has taken out a permit for the erection of a two story frame dwelling on Derby street, near Winchell, at a cost of \$6,000.

Contractor W. D. Garrett has begun the erection of a two story frame building on Belmont street, between East Twenty-seventh and East Twenty-eighth streets, the ground floor is to be arranged for business purposes and the second story for flats. It is estimated to cost \$6,000.

M. Shemommo has let the contract for the building of a modern two story frame dwelling on East Fifty-third street, between Salmon and Main.

Belcher & Stine have begun the erection of a one and one half story frame dwelling at the corner of Vaughn and Thirty-first streets, the building to cost \$3,500.

E. W. Brown has taken out a permit for the erection of a two story frame dwelling on Willamette boulevard, near Burrage street, which will cost \$3,500.

W. T. Harlow is preparing to build two two story frame cottages to cost \$2,000 each, at the corner of Glenn avenue and Stephens street.

Mrs. Julia Montague has taken out a permit for the erection of a frame dwelling on East Yamhill, between East Fortieth and East Forty-first streets, which will cost about \$2,500.

Antonio Liberto has let the contract for a \$1,500 cottage to be erected on Harrison street between First and Front.

Mrs. Rose M. Schlotman has begun the construction of a \$1,500 cottage on Brooklyn street between East Twenty-ninth and East Thirtieth streets.

E. B. McGlasson will build a \$1,500 dwelling in Lexington avenue between East Ninth and East Eleventh streets, Sellwood.

Jacobsen & Erickson will build a \$1,300 dwelling in Killingsworth avenue between East Fifteenth and East Sixteenth streets.

S. Helmroth will build a \$2,000 dwelling on East Street between East Sixteenth and East Seventeenth streets.

C. M. Hyakell has let the contract for a \$1,500 cottage to be erected on Talbot road near Patton road. The building was designed by Architect Ernst Kroner.

of large building operations in that addition by that company.

The Central Methodist Episcopal church has taken out a permit to excavate a \$1,000 basement on its Vancouver avenue property at the corner of Fargo street.

M. A. Barton will build a \$2,000 home on Forty-seventh street between Brazes and Thompson streets.

Contractor H. Deal will build a \$2,000 home fronting on Fourth street, between Yamhill and Taylor streets, P. R. Spath, builder.

C. E. Nelson will build a \$1,700 dwelling in Kerby street between Blandina and Humboldt streets.

G. Tapper will build a \$2,000 dwelling in Alberta street between East Twenty-first and East Twenty-second streets.

Seasons of Homes Planned. H. Foreman is preparing to begin the erection of a \$2,000 dwelling on East Harrison street between East Thirtieth and East Thirty-first streets.

W. H. Gordon has taken a contract to build a \$2,000 home on East Thirtieth and East Thirty-first streets.

H. T. Allyn will build a \$2,000 home on East Salmon between East Thirtieth and East Fortieth.

J. T. Marquis will build a \$2,000 dwelling on East Gilman street between East Fifty-fifth and East Fifty-sixth streets.

W. G. Eaton has begun the erection of a \$1,500 dwelling in Rose City Park. The building occupies a lot on East Sixty-seventh street, between Stanton street and the Alameda.

W. Empey will build a \$2,000 dwelling for J. Tauehy, East Sixth street between Front and Going streets.

Dwight Cheney will build a \$1,200 dwelling, Maryland avenue between Church and Jessup streets.

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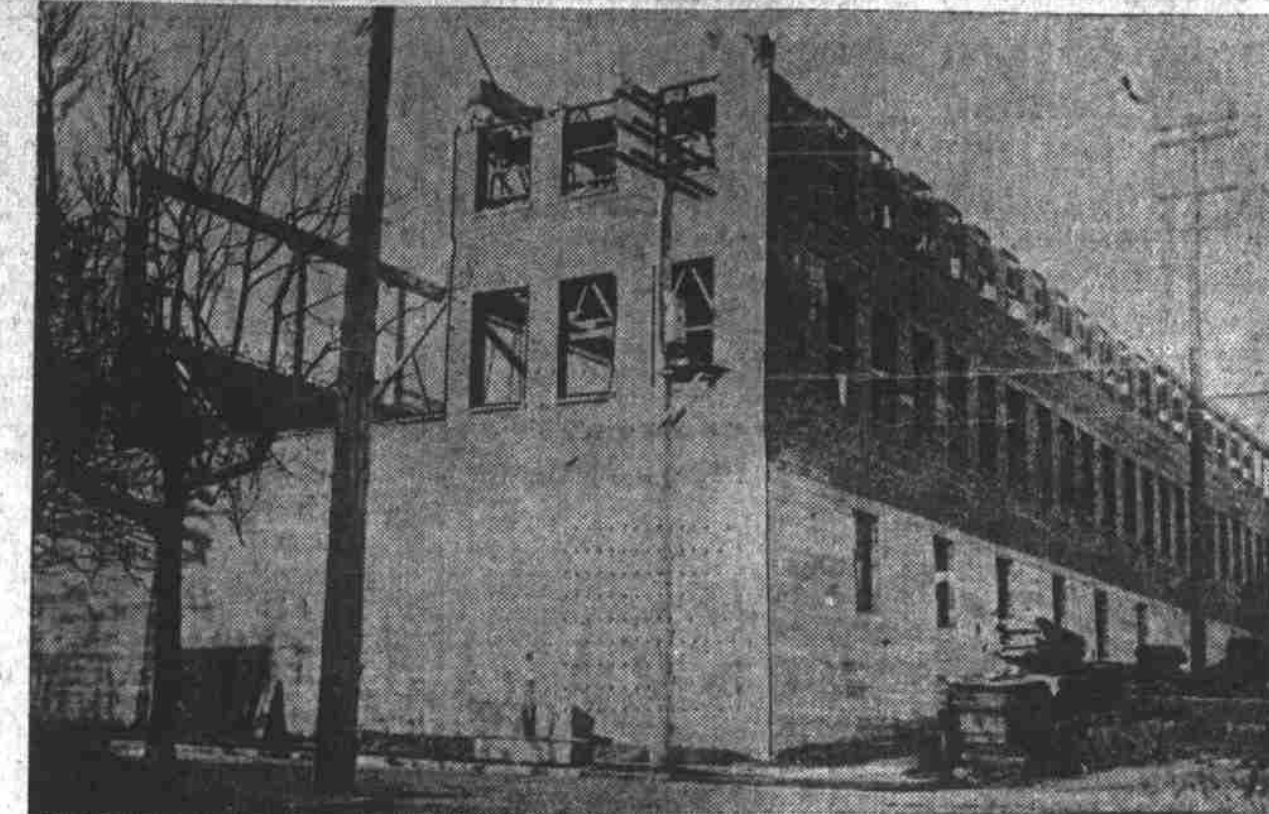
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Addition to Smith-Watson Foundry, Harrison, Between Front and First Streets.

QUAKER CITY'S CONCRETE SPAN OVER DELAWARE

Philadelphia has just succeeded in carrying through a bridge building job that is notable for two reasons. First, the main span is 235 feet clear between the piers, making it the longest concrete span in the world; and, second, the work was done by the city engineering department, no contractors having a hand in it, at an enormous saving to the taxpayers over and above the contractors' bids.

The total length of the bridge is 525 feet; its construction is of concrete, without the steel reinforcement, and the total cost was \$260,000, which was just \$6000 more than the city engineer's estimate.

By City's Men Throughout. In every detail, from the day the plans were first laid down, until the obstructions were removed at either end so that vehicles might pass over the bridge was built by the city under the supervision of municipal officials.

The outsider and a certain element of native Philadelphians are prone to consider every piece of public work so much "fat," to be fried out in the pans of the big contracting firms; and two years ago, when the bridge construction began, these critics were as skeptical as ever about the possibility of the city attempting to do a piece of its own work without outside assistance.

The best evidence of the care expended on the work is shown by the fact that the cost of the concrete, which was within less than 2 1/2 per cent of the original estimate filed by the engineering department.

The general plan of the structure is that of twin supporting arch ribs floored across on top, and this scheme is carried out through the five approach arches as well as the main arch. The plan insures economy as well as lightness.

Over each main arch rib the floor rests on eight pairs of spandrel or relieving arches, which support the four longitudinal walls upon which the floor rests. The whole is hollow underneath up to the floor, and consequently no earth filling is required.

This effected a great saving in weight. The five approach spans, while small in comparison with the main arch, are of a size that not many years ago would have been considered large. They are each 63 feet clear between the piers, and those next to the main span are about 70 feet clear above the ground.

Arch on False Work. One of the most interesting constructive phases of the work was the erection of the arches on a false work centering, which was first erected under one of the parallel arch rings and, after that ring had been completed, moved over in its entirety to its position under the other ring. This centering consisted of six stories of timber resting on one layer of structural steel, which in turn rested on concrete piers founded in the creek bottom. The falsework was 147 feet high, 232 feet long, and 50 feet wide at the bottom. Its total weight was about 900 tons.

Correct alignments were maintained at each foot of progress, and at no time was the centering of the alignment more than one inch. A close examination revealed that there were no cracks in the main arch after the centering had been removed.

This falsework was no small affair, either in cost or in the amount of building material required in its construction. It used up 130 tons of structural steel, 20 tons of three quarter inch bolts and two tons of washers for the bolts.

Two Years' Work. Over 300 men were employed for two years in building the bridge, and 19,000 yards of concrete was used in its construction. While its cost was greatly in excess of what a steel bridge could have been put up for, in the end it will cost the city far less, for the reason that there will be practically no charge for maintenance.

This bridge has attracted the attention of engineers throughout the world. Sir Maurice Fitzmaurice, the chief engineer of London, who recently inspected it, declared it was worth a trip across the ocean to see it.

BELGIAN BLOCKS GAIN A POINT

Councilman Kellahe Assures Colleagues That There Is No Corner.

In support of his contention that stone blocks have not been "cornered" by the St. Helens quarry, and that any company that has the money and desires to invest may open up quarries of its own, Councilman Kellahe exhibited a piece of rock sent to the street committee of the city council yesterday afternoon by the Gordon Falls Electric company, which asserts that it is prepared to furnish the city with millions of tons of such material at a reasonable figure. City Engineer Taylor produced the specimen of rock admirably suited for paving purposes.

If the statement made by the Gordon Falls company is found to be correct, and the rock is found suitable for use on Portland streets a new aspect is given to the fight for supremacy between the rival interests are struggling for the first big contract in the newly created assessment district in the north end of the city. The cost to the city of improving this district will be about \$200,000. Both petitions were referred for further consideration.

R. Dunway read an affidavit to the street committee, declaring that the Warren Construction company has no interest in the St. Helens quarry. The affidavit was signed by S. S. Montague.

When did the company dispose of its interest in the quarry, asked Chairman Vaughn.

"Well, it was my understanding," replied Dunway, "that they never owned any."

"Aren't you the company's attorney?" asked the chairman.

"Most assuredly not. I only wish to heaven I were," devoutly exclaimed Dunway.

"I beg one apology on top of another," smilingly said Mr. Vaughn.

Mr. Dunway asked for permission to read a petition for the stone quarry. The petition is signed by many of the big manufacturing companies and wholesale dealers of Everding & Farrell, dated July 7, was read. The remonstrance is against the improvement of the St. Helens quarry, between Washington streets, with bitulithic pavement. The protest is on the ground that the street is already improved, and that if it were not enough, reason that the petition calls for bitulithic which is a patented article and shuts out competition, which is required by the city charter.

On motion of Councilman Kellahe proceedings in the improvement of Lovjoy street were discontinued. Director Gilson of the Good Samaritan hospital had protested against the pavement being laid on account of the noise it would cause.

The Hassam Paving company was awarded contracts for improving several east side streets, but the attempt of the company to get the contract on Halsey street between East Seventh and East Fifteenth over the protests of property owners was blocked. Two of the residents along that street declared that the macadam surface now on the street is in good repair, and one man said he had signed the petition for Hassam because he was between "the devil and the deep sea," the bitulithic company also having a petition. Therefore he signed for the cheaper surface.

Weds Army Officer. (Special Dispatch to the Journal.) Greensburg, Pa., Dec. 5.—A number of guests from Washington, New York

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FOREIGN MARKETS HERE FOR LUMBER

Easter Demand Remains Quiet but Indicates Improvement.

There has been quite a revival in the demand for lumber in foreign markets and Oregon mills will be shipping large quantities during the next few months in which the buyers have now cut. Australian mills are now buying several million feet and several South American, and Europe, fair for this time.

Local business continues fair for this time. A bit of building in progress. Material is still cheap enough to make quite an inducement to the contractor. It is attractive to builders in that it is said to be in short supply of labor, at reasonable prices.

The demand for lumber in the east has not been brisk for some time, but has recently and is placing large orders every day. Referring to the lumber market in the smaller cities and upon obtaining the latest goods in their several lines.

During the month of six weeks preceding the presidential election the thing most frequently heard in lumber circles was the prediction that material would follow the settlement of political uncertainty. A superficial view of existing conditions perhaps would lead to the conclusion that the expectations of the best informed are being realized but an analysis of the present status of the trade, taking into consideration all of the minor factors which go to make up the actual market, shows that conditions have equalized, if they do not in fact surpass the expectations of the best informed.

besides the actual volume of business transacted and the price paid for lumber are of vital importance, and in support of this contention it need only be said that on many occasions when prices have been high and the volume of trade has been large the outlook as a whole has been unsatisfactory.

At least two respects the situation has changed very little. The long hoped for railroad demand has not materialized to an extent which may be calculated to exert a marked influence on values, and other heavy buyers have shown disposition, even since the election, to take their time about purchasing. As a consequence the business of the week has been of the smaller kind and that class of large orders which have so buoyant an effect upon the market has been lacking.

In the face of these conditions, however, the outlook undoubtedly shows a material improvement.

KAISER'S DIARY IS TO BE CENSORED

(United Press Associated Wire.) Berlin, Dec. 5.—According to a statement made public today, the Kaiser's forthcoming diary, in which he expects to give an account of his 50 years on the throne, will be censored closely before publication. The statement is attributed to a member of the retinue, who took part in the debates asking for limitation of the Kaiser's power. In the light of recent events the statement is generally believed.

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MONEY TO KICK ON JAP PACT

But Republican Senators Will Give Root Time to Be Courteous.

(United Press Associated Wire.) Washington, Dec. 5.—Senator Money of Mississippi is conferring with his senatorial colleagues regarding action to enforce the right of the senate to ratify treaties and pacts of the United States. Money maintains that the agreement recently entered into by Secretary of State Elihu Root with the representatives of Japan is virtually a treaty and that until the senate ratifies it the pact has no validity.

Senator Money's efforts to raise the question in the senate, however, will probably be of little avail, as it is said the leading Republican members seem satisfied with the course taken by Root.

There has been no indication that the matter will not be laid before the senate during the session, and until it is apparent that the senate is being ignored the senate majority, it is believed, will take no action.

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DRIFTING TOWARDS BRIGHT'S DISEASE

Many people who are neglecting symptoms of kidney trouble, hoping "it will wear away," are drifting towards Bright's Disease, which is kidney trouble in one of its worst forms.

FOLEY'S KIDNEY CURE

stops irregularities, strengthens the urinary organs and builds up the worn-out tissues of the kidneys so they will perform their functions properly. Healthy kidneys strain out the impurities from the blood as it passes through them. Diseased kidneys do not, and the poisonous waste matter is carried by the circulation to every part of the body, causing dizziness, backache, stomach trouble, sluggish liver, irregular heart action, etc.

If you have any signs of Kidney or Bladder Trouble commence taking FOLEY'S KIDNEY CURE at once, as it will cure a slight disorder in a few days and prevent a fatal malady. It is pleasant to take and benefits the whole system.

How to Find Out. You can easily determine if your kidneys are out of order by setting aside for 24 hours a bottle of the urine passed upon arising. If upon examination it is cloudy or milky or has a brick-dust sediment or small particles float about in it, your kidneys are diseased, and FOLEY'S KIDNEY CURE should be taken at once.

G. B. Burhans Testifies After Four Years. G. B. Burhans of Carlisle Center, N. Y., writes: "About four years ago I wrote you stating that I had been entirely cured of a severe kidney trouble by taking less than two bottles of Foley's Kidney Cure. It entirely stopped the brick-dust sediment and pain and symptoms of kidney disease disappeared. I am glad to say that I have never had a return of any of those symptoms during the four years that have elapsed, and I am evidently cured to stay cured, and heartily recommend Foley's Kidney Cure to any one suffering from kidney or bladder trouble."

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