

Wilson & Bell, Mr. W. J. Beam is building a wharf and erecting a warehouse thereon in connection with his sash and door factory on the north side of the same body of water. Mr. Beam's factory was started in a small way, and this increase of facilities has been demanded by growing trade.

Since the destruction of McNair's lumber and shingle mill, when \$100,000 damage was done, the president of the company, Mr. James A. McNair, has returned from the East. Following his arrival comes the announcement that as a result of his visit arrangements have been completed whereby Mr. S. C. H. Miner, president of the Granby Smelter Company, and Mr. A. C. Flumerfelt, assistant general manager of the same concern, have become largely interested in the Hastings Shingle Manufacturing Company. Both these gentlemen occupy important and influential positions in business circles, especially of the western part of the Dominion, and their successful connection with the Granby company is well known. Mr. Miner is one of the directors of the Eastern Townships Bank, which, it is announced, is about to establish a branch in this city. He is also associated with other financial institutions. These gentlemen have been asked to act on the directorate of the Hastings Shingle Manufacturing Company, and when Mr. Flumerfelt visits this city in the near future the matter will be discussed. It is also proposed to rebuild the mill, which, it will be remembered, was destroyed by fire. The Hastings Shingle Manufacturing Company is one of the largest concerns operating on the Coast, having four mills in the State of Washington, at Sumas, Whatcom, Van Buren, and Nooksack, besides the large businesses in Vancouver.

A new industry is being established in New Westminster which should have a promising future before it. The enterprise will be known as the Fraser River Tanning Company. Wisconsin monied men are behind the scheme, and they are represented by Mr. W. S. Turnbull, a prominent barrister of that State. The local representative is Mr. E. J. Fader, who is also president of the company. The board of directors is at present provisional. In plant some \$32,000 will be invested, while a further expenditure of \$75,000, for other purposes is anticipated. The initial output will be 100 hides per day, but if more hides than this number are offered they can be easily enough handled. It is expected that by next spring the tannery will be in operation.

The Vancouver Power Company's installation at Lake Beautiful in proceeding rapidly and it is expected that power will be available for the purposes of local industries by the end of the present year. The power house on the company's site is nearing completion, and the dam also will soon be finished. Machinery is being meanwhile installed, and a travelling crane, having a lifting capacity of 80,000 pounds is being employed in lifting the machinery from the scows, and placing it in position in the power house. Some idea of the magnitude of the installation may be obtained from the following particulars: The bearings of the main shaft weigh about five tons each; the shaft itself of steel is 21 feet long and 18 inches in diameter; the valve, which controls and regulates the supply of water, weighs nearly two tons, while another large casting described as the breech, which will distribute the water to the two wheels to be first installed, weighs 10,160 pounds. The other work is far advanced. The wire cables have been strung from the works to the city, and the large steel towers at Barnett are being put in place. To facilitate the work at the tunnel, larger drills are being installed. The tunnel has now been driven in a distance of about a mile.

The first section of pipe connecting the dam with the power house is to be made of wood stave, while massive steel pipe will sustain the increased pressure over the rest of the 2,000 feet. This pipe is 54 inches in diameter, at the part furthest removed from the wheels, gradually reducing to 42 inches nearest thereto. The two wheels which are to be put in as the initial installation, will have a capacity of 1,500 h.p. each or 3,000 h.p., this being only one-quarter of the power for which provision is being made, and which may ultimately be made use of.

Artesian boring is going on at the B. C. Electric Railway Company's power house at Burnaby. A contractor is sinking

for an ample supply of water, and boring will be continued to a depth of 1,000 feet if necessary. It is more than likely that an adequate supply of water will, however, be obtained at less than 100 feet, for at forty feet good indications were encountered. The work is being watched with interest, for if the boring is deep the underlying strata of the district will be thus ascertained.

LUMBERING AT REVELSTOKE.

THE Harbor Lumber Company, Ltd., has recently effected great improvements in the plant and equipment of the mills at Revelstoke, Comaplix and Camborne. The Revelstoke *Mail* publishes the following description of the Revelstoke mill:

"A new saw-bench has been put in on the upper floor, also a steam nigger of the most improved design. From the saw-bench the lumber passes over live rollers which automatically deliver the good material to the edger, while as witch carries off the waste to the slab-slasher. The edgings are automatically picked up by carrier and elevator and passed deliver the good material to the edger, while a switch carries to the slab slashers to cut into lengths when anything not fit for lath is sent to the firewood saws and cut into 15-inch lengths. The firewood is delivered in bins ready for the wagon to draw away. On the lower floor are set the boilers and engines, planing and moulding machines, etc. There are four planers in use and a fifth is being put in. By an ingenious arrangement of travellers the good lumber is carried from the edger to whichever machine it has to go for the finishing touches and is thence taken by hand trucks to the proper dimension pile in the yard. From the time it leaves the saw till it is ready for market the lumber requires no handling.

"The motive power is supplied by an engine of 275-h.p., made by the Phoenix Works. There are two boilers, the steam capacity of the plant having been doubled and the power quadrupled since it was taken over. The shavings are taken up by pneumatic pipes and carried into the boiler furnaces, which are thus fed automatically."

The Comaplix mill has also been improved and so rearranged that the boards and dimension lumber now travel on live rolls to the edger and the slabs go to the slab slasher, where they are cut into 4-foot lengths, the pieces that will make laths going thence through the lath machine, and the rest to be used as cordwood. One object in the re-designing of the mill is to provide there shall be no waste. As the dimension lumber goes from the live rolls to the travelling chain it is sorted for the different grades, and for the different planers. From the planers the lumber is removed by hand-carts to the corresponding lots in the yard. The plant consists of saw-bench, with upper and lower circular saw, four planers, edger, slab slasher, 250-h.p. boiler and engine, the boiler being built by the Waterous Company, and the engine by W. Yates, of London, Ont. The Camborne mill has been improved by the addition of a new water wheel, edger and planer.

A very important lumbering undertaking has been recently promoted to develop the forest resources on the Arrow Lakes, and a company under the title of the Big Bend Lumber Company, Limited, has been incorporated with a capital of \$500,000 to carry out this purpose. A mill of the most modern design is meanwhile being built at Arrowhead. It is estimated that the machinery for this mill will cost in the neighbourhood of \$125,000. The plant has been designed to make an output of 25,000,000 feet of lumber per annum.

During the month over forty square miles of timber country on the Duncan, was sold through Messrs. LeMaistre, Cowan, Kenman and others to Messrs. Lammers & Goldreck, who, it is said, contemplates the erection of a mill at Nelson.

EAST KOOTENAY.

A new lumber company has been organized to operate at Mayook Siding, below Fort Steele Junction, in East Kootenay. The company have acquired 1,000 acres of timber limits formerly owned by the Baker estate.