

Mr. R. G. Leckie, and it is proposed to erect two furnaces of a capacity of 25 tons of iron per day.

HAMILTON, ONT.—J. Powell, architect, will receive tenders until 6 p. m. on Saturday next for the erection of a brick residence on Wentworth street south for A. L. Burke.

VALLEYFIELD, QUE.—M. A. F. Gault, President of the Canadian Colored Cotton Company, Montreal, has granted to the town the sum of \$16,000 for the erection of a new school building.

PORT HOPE, ONT.—The by-law providing the sum of \$30,000 for a system of waterworks was carried by the ratepayers on Tuesday last. The plans of the works have been prepared by Mr. John Galt, C. E., of Toronto.

ACTON, ONT.—Tenders will be received by Mr. S. A. McKeague, M. D., until the 12th of August, for the erection of a new Presbyterian church in this village. Mason and carpenter work may be tendered for separately.

COLLINGWOOD, ONT.—The by-law to authorize the corporation to raise the sum of \$10,000 for the purpose of extending the electric light plant was voted on last week and was defeated. It is probable that a private company may apply for a charter to run an electric plant for light and motor purposes.

CAMPBELLTOWN, N. B.—A company has been formed, composed mainly of Montreal capitalists, to build an aqueduct for the purpose of supplying this town with water. The name of the company is the Campbelltown Water Supply Company, and J. S. Bosquet is President and J. H. Lefebvre, Secretary, both of Montreal.

ORILLIA, ONT.—The by-law to expend the sum of \$13,000 for an incandescent electric light plant was carried by the ratepayers on the 13th July.—Wellington Fisher, Reeve of Orillia Township, will receive tenders until the 4th inst. for the erection of a bridge over the North River at the 2nd concession line. Plans may be seen at the office of Albert Fowle, Township Clerk.

AMHERSTBURG, ONT.—Mr. W. D. Balfour, M. P. P. and Mayor Mullin went to Ottawa on Monday to endeavor to secure the consent of the Railway Committee to the extension of the Michigan Central Railway to this town. They also interviewed Sir Oliver Mowat, asking that an order in Council be passed authorizing the corporation to expend the sum of \$9,000 in completing the waterworks system. It is expected the request will be granted.

YARMOUTH, N. S.—Tenders will shortly be asked by A. H. Chadbourne, Superintendent of the Coast Railway for masonry and steel work of Bridges at Salmon and Tuskent Rivers. Plans may be seen at the company's office in this town after the 3rd inst. Twenty-two miles of the above railway from Yarmouth to Argyle has been located and engineers will at once survey the road from Lockport, a distance of 70 miles. The work will take two seasons to complete, but the company expect to build about 30 miles this year.

WINNIPEG, MAN.—The Committee on Works have recommended the construction of the following works: an 18 foot artificial sidewalk on Bain street, cost \$4,500; sewer on Garry street, cost \$2,000; asphalt pavement on Donald street, cost \$25,000; cedar block pavements on Princess and Donald streets, cost \$2,376; James street, cost \$7,200; macadam roadway on Alexander avenue, cost \$1,480; McWilliam avenue, cost \$1,480; Rupert street, cost \$1,500.

OTTAWA, ONT.—The following building permits have been granted: James Carter, brick dwelling on James street, cost \$2,500; Havter Reid, superintendent of Indian affairs, dwelling on Wurtemberg street, cost \$10,000. Mr. H. G. G. Ketchum, C. E., the projector of the Chignecto ship canal, is endeavoring to make financial arrangements for the construction of the canal, which will extend from the Bay of Fundy across the Isthmus to

Northumberland Straits, seventeen miles in length. Some years ago Parliament sanctioned the issue of £750,000 sterling bonds for carrying the undertaking, but the scheme failed. Mr. Ketchum now reports that he can complete the work if given a reasonable time.

MONTREAL, QUE.—It is reported that Hon. W. B. Ives has gone to England for the purpose of floating a scheme for the construction of a railway on Point Levis to Montreal. Messrs. G. B. and J. H. Burland have offered to furnish the new wing to the Aged People's Home recently built by Mr. J. Moore at Longue Point.—Building permits have been granted as follows: J. W. Durocher, three storey brick stores and dwellings, Notre Dame street, west, cost \$5,000; Langhoff & Banford, 3 three storey stores and dwelling, St. Catharine street, cost \$3,900; A. Pelletier, 3 three storey brick stores and dwellings, cor. Shaw and St. Catherine sts., cost \$8,000; W. H. Creed, two storey tenement bk. building, Pantaleon street, cost \$2,700; John Allan, two storey stone front residence, cor. Manse and Milton sts., cost \$8,000; R. A. E. Green-shields, three story stone front residence, Simpson st., cost \$8,000; A. St. Armand, three story tenement stone front building on Amherst street, cost \$5,600; A. Richer, two storey brick workshop, Amherst st., cost \$2,000.

TORONTO, ONT.—The Toronto Street Railway Company have purchased property on Roncesvalles Avenue, immediately north of Queen Street, on which it is proposed to erect car sheds, at a cost of about \$25,000. Plans have not yet been prepared.—The work of tearing down the old round house at the foot of Brock street has been commenced. On the site thereof running sheds will be erected to accommodate about seventeen engines.

A new railway passenger station will in all probability be erected at the foot of Bathurst street. In reply to a letter on the subject from the City Engineer, a conference has been suggested between the railway officials and the civic committee. The local managers of both railways are said to favor the proposal.—The projectors of the St. Clair and Lake Erie Canal are said to be confident that all the money required for the undertaking will be forthcoming. The company has been incorporated by Parliament and work will be commenced next year and finished in two years. As soon as \$500,000 capital has been subscribed, a meeting of shareholders will be held in this city to organize the company. The estimated cost of the canal is as follows; excavation \$2,800,000; bridges, \$40,000; other work, \$150,000.—The proposed high level bridge over the Don river at Queen street was discussed by the Railway Committee of the Privy Council at Ottawa on Tuesday, but no action was taken in the matter. It was suggested that the railway companies and the city should consider the plans and endeavor to arrive at a satisfactory agreement as to the cost to be borne by each. The question of a stone or iron pier for the overhead bridge at York st. to be built by the C. P. R. was also discussed, and was referred to Mr. Schreiber, chief government engineer.

—Mr. William Hopkins will erect a large four-story hotel on the south-west corner of Carlton and Church streets. Mr. F. H. Herbert, architect, is preparing the plans. The same architect is also preparing plans for a store and office building to be erected on Yonge street, tenders for which will be called shortly.—Building permits have been granted as follows: G. T. Ry., steel foot bridge and waiting room, in connection with new Union station, cost \$12,000. Corporation of Toronto, two story brick wagon house at Lombard street fire hall, cost \$1,300.

FIRES.

G. H. Labbe & Co.'s wholesale furniture establishment, corner St. James and Inspector streets, Montreal, was consumed by fire on the 25th July. The factory building was owned by the company, and was valued at \$9,000. The warehouse

was owned by J. B. Murphy, of Kingston, the loss on which is \$35,000. Both buildings were heavily insured.—Jacob Bund-scho's saw mill at Milverton, Ont. was burned on the 24th ultimo. Loss \$3,000; insurance \$1,000.—Two residences at Aylmer, Que., owned by Mr. Pangbrew, and the building of the Cormier estate, were destroyed by fire a few days ago. The loss is \$4,000 and \$3,500 respectively.—Armstrong Bros' veneer and basket factory at Markdale, Ont., with all the machinery, was burned last week. Loss, about \$10,000; insurance \$2,500.—A. Moyer's grain elevator at Listowell, Ont., was totally destroyed by fire recently. Loss \$9,000; covered by insurance.—The towns of three Forks and Watson, in British Columbia have been swept by forest fires, all the buildings being destroyed.

CONTRACTS AWARDED.

COLLINGWOOD, ONT.—Contracts for a two-story four-roomed school house were awarded last week as follows: brick and stone work, John Chamberlain, \$1,680; woodwork, D. Peterman & Son. Painting, plumbing and heating not yet let.

WINNIPEG, MAN.—The Committee on Works has accepted the tender of J. G. Hargrave & Co. for paving Fort street from Portage avenue to York avenue, at the price of \$9,598. The contract for the supply of paving wood has been let to T. D. Robinson, at \$9.40 per cord for 500 cords.

HAMILTON, ONT.—The Board of Education has decided to proceed with the erection of two ten-roomed schools, for which tenders were recently invited. The following are the successful tenderers: Stimson street school—masonry and brickwork, Alf. Webber, \$9,925; carpenter, W. Halliday, \$6,250; painting, W. Barrett, \$487.25; plumbing, A. Clark, \$707; plastering, J. McKee, \$655; heating and ventilating, Burrow, Stewart & Milne, \$920; tin-smithing and roofing, J. E. Riddle, \$393; slating, J. Findlay, \$1,689; Total, \$21,026.25. Sophia street school—masonry, G. E. Mills, \$9,579; carpenter, R. Press, \$6,680; plastering, F. C. Thomas, \$735; plumbing, F. Squibb, \$702; painting, Wm. Barrett, \$520; tin-smith, slating, etc., J. E. Riddell, \$2,599; heating, with closets, Smead-Dowd, \$2,000; Total, \$22,815.

MONTREAL, QUE.—Messrs. Perrault & Lesage, architects, have awarded contracts for a three storey stone front store and dwelling on Notre Dame st., for Mr. D. Gallery as follows: excavation and masonry, A. Guilbault; steel work, Dominion Bridge Co. Also for two three storey stone front stores and dwellings on Notre Dame st., for E. Marcell as follows: excavation and masonry, Prenovau Turcot & Martineau; carpenter's and joiner's work, D. Houle; brickwork, A. Leger; plastering, O. Lacombe.—The Road Committee last week awarded contracts for sewers as follows: Cote des Neiges road, Nap. Laporte, \$4.15 and \$3.75 for rock excavations; Dorchester street, C. Bellehumeur, \$5.37 and \$4; Gosford street and St. Louis street, C. Bellehumeur, \$5.37 and \$4; Pine avenue, N. Laporte, \$4.15 and \$3.75.

MUNICIPAL DEPARTMENT.

The value of water meters in small cities where the supply has to be pumped is shown very clearly in the annual report for 1893 of City Engineer C. A. Ballou, of Danville, Va. In 1891 there was pumped 509,000,000 gallons, in round figures, and 1,152 tons of coal was burned. No meters were used then. Last year but 215,200,000 gallons was pumped and only 553 tons of coal was burned, a reduction due to metering all but four of the services. The rates charged were low, only 10 cents for 1,000 gallons for domestic and five cents for business purposes. The individual bills for domestic use were from 60 to 75 per cent. less than formerly. One of the greatest benefits secured by the use of

meters has been due to the ability of the department to supply only clear water to the city. This is secured, not by pumping muddy water into the reservoir and letting it settle, but by stopping the pumps when the river water is muddy and drawing the supply entirely from the reservoir, which holds a quantity now sufficient for 12 days, owing to the diminished consumption brought about by meters.

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