

\$17,418. Macadam pavement—Euclid avenue, from Point Douglas avenue to Main street, cost \$7,400; Sargent avenue, from Balmoral to Young street, \$1,795. The city engineer estimates the cost of a sewer to the crematory at \$10,954.—The C.P.R. is taking tenders for moving about 60,000 yards of earth on the Pipestone branch.—S. Hooper, architect, is preparing plans for a new Catholic convent to replace St. Mary's convent on Notre Dame street east.—The council has decided to advertise for tenders for 3,000 feet of sewer pipe and 500 junctions.—In December next a by-law will be submitted to the citizens to provide funds with which to build a fire hall in Fort Rouge.

OTTAWA, ONT.—The congregation of Christ church cathedral will likely erect a parish hall as a memorial to the late Dean Lauder.—Tenders are invited by the Department of Public Works as follows: Up to the 18th inst. for heating apparatus for the military store building, this city; up to 23rd inst. for fittings for the military store building, this city; up to 25th inst. for construction of a pier at Father Point, Rimouski county, Que. A cheque for \$7,000 is to accompany each tender for the latter work. Plans at above department, at office of P. Beland, clerk of works, Quebec, and at room 411, Merchants Bank Building, Montreal.—McLeod Steward is about to leave for England, where he expects to complete arrangements for the building of the proposed palace hotel on the Clemow property.—The Chaudiere Hotel Co. is seeking incorporation, to erect hotels throughout Canada, an iron bridge over the Rideau canal between Major's Hill Park and Lover's Walk, and a subway to the Central station under Sapper's bridge, in this city.—Building permits have been granted as follows: S. L. Kyle, brick house, 5 Wellington street, cost \$1,000; George Lester, brick dwelling, 28 Second avenue, cost \$1,000; Hugh S. Conn, brick dwelling, 7 Alice street, cost \$3,000; F. A. Collins, brick veneer dwelling, 21 Wellington street, cost \$2,000; James Wilson, two brick dwellings, 13 Lisgar street, cost \$4,000; E. Tasse, 4 brick veneer dwellings, 4 Stewart street, cost \$5,000; Henry S. Hardy, brick veneer dwelling, 17 Cartier street, cost \$2,200; Ottawa Car Co., foundation under sheds, cost \$3,000.

FIRES.

Apple evaporating factory at Port Elgin, Ont., owned by S. P. Freeman; loss \$5,000.—Building at 275 St. Martins street, Montreal, occupied by the Imperial Waterproof Co. and the Rankin Wire Fence Co.; damaged to extent of \$3,000.—Public school building at Carman, Man., totally destroyed; loss \$12,000.—I. C. R. station at Eel River, N. B., adjoining highway bridge.—Fire at Killarney, Man., on 8th inst., destroyed the Pritchard block, Guide Printing Co.'s office, shoe store of W. Morgan and other buildings.—Shingle mill of Roberts Bros. at Marble Cove, N. B.; loss \$2,000, no insurance.—Saw mill at Mississippi, Ont., owned by Isaac Allan, partially destroyed.—Shingle mill at Hazelmere, B.C., owned by J. T. Kinney.

CONTRACTS AWARDED.

PALMERSTON, ONT.—The contract for new rink to cost \$3,000 has been awarded to Mayor Woodbridge.

ST. JOHN, N.B.—The contract for the new C.P.R. engine house has been awarded to Clark & Son, this city.

BERLIN, ONT.—The contract for John Peet's hotel has been let to J. Hancock; approximate cost, \$9,000.

NIAGARA FALLS, ONT.—The Niagara Falls Power Co. is said to have let the contract for the dam at the intake to James Barry.

MONTREAL, QUE.—A. Dubreuil, architect, has awarded the contract for house for Dr. Lesage, Montreal Annex, to A. Carriere.

WIARTON, ONT.—P. L. Marden & Co., of London, have been given the contract for granolithic sidewalks on West Burford street.

BROCKVILLE, ONT.—The James Smart Mfg. Co., of this town, have secured the contract for heating and ventilating the Methodist church at Midland. Two No. 24 and one No. 20 Kelsey generators will be used.

OTTAWA, ONT.—The Dominion Public Works Department has let contracts as follows: Heating apparatus for drill hall at Windsor and post office at Paris, Martel & Langelier; heating apparatus for drill hall at Brockville, W. Mashinter, Toronto.

AMHERSTBURG, ONT.—For purchase of \$10,000 county debentures tenders have been received as follows: R. A. Baby, Detroit, \$10,250 (accepted); Geo. A. Stinson, Toronto, \$10,117; F. Marx, Chatham, \$10,105; Chas. Bell, Oxley, \$10,050; O'Hara & Sons, Toronto, \$10,050.50.

PARRY SOUND, ONT.—For con

struction of bridge over the Segun river two tenders were received by the town council, as follows: Young & Bropey, \$1,625; Johnson, Beveridge & Poulin, \$1,700. The latter tender has been accepted. The contract for construction of drain on James street, at an approximate cost of \$3,500, has been given to Johnson, Beveridge & Poulin.

WINNIPEG, MAN.—Contracts for waterworks supplies have been let as follows: Pig lead, J. H. Ashdown, \$78 per ton; cast iron water pipe, Canada Foundry Co., Toronto, \$36.07 per ton; specials, Canada Foundry Co., \$54 per ton; valves, E. H. Bissett, 4 inch at \$6, and 6 inch at \$10.—J. Greenfield, architect, has let the contract for a frame residence on stone foundation for T. T. Graham, cost \$2,700.—W. F. Lee has been awarded the contract for sewers on Nasseau street and Henry and Corydon avenues, at total cost of \$7,070.

IMPROVED METHODS OF SLATE QUARRYING.

Dr. Le Neve Foster's report on the North Wales district, among much other interesting matter, contains the conclusions of Mr. G. J. Williams, H.M. Assistant Inspector of Mines, on the applicability of the wire saw for quarrying slate. Mr. Williams was sent to the Continent especially to study this matter, and his investigations included the Belgium marble quarries and the slate workings of the Pyrenees. After describing at length the method adopted—which consists of an endless cord of twisted wire traversing the rock face which is being cut, and which is continuously fed with siliceous sand and water—he proceeds to consider the advant-

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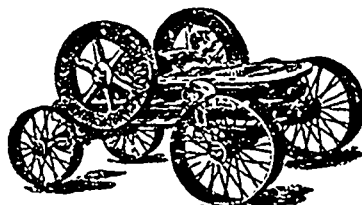
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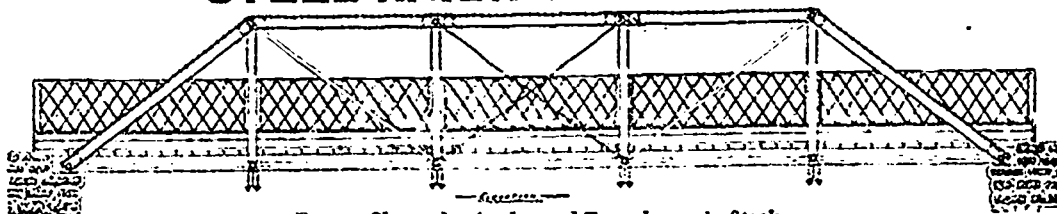


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