



be delivered at Malden and one-third more

SENBURY, ONT. The Customs Smelting Co propose to build a customs smelter.

NEPEAWA, MAN. The proprietors of the Richardson house intend erecting a large addition to their premises in the spring. A number of merchants propose erecting brick stores this summer

STRATHROY, ONT. A by-law has been carried granting a bonus of \$10,000 to Messrs J. C. Hegler, J. P. Dunn and J. N. Dunn, of Ingersoll, with the understanding that they will establish a canning factory here.

NIAGARA FALLS, ONT. The Baptists are contemplating the erection of a new church on Morrison St. The Dominion Suspender Co. has purchased land, and will at once commence the erection of a large new factory.

WINNIPEG, MAN. The Winnipeg & South-eastern Railway Co has perfected its plans and construction will be proceeded with this year. The C. P. R. will build a branch from Revelstoke to the upper Arrow Lake in the spring.

LISTWELL, ONT. It is the intention of D. D. Hay, Jr., to erect a 2-story brick Ramesque residence, to cost about \$4,000. H. J. Powell, architect, of Stratford, will have charge of the work. Contracts will be awarded about the 20th inst.

GOBERG, ONT. The Executive Committee of the County Council have been asked to consider and report on a motion introduced by Mr. Proudfoot, that the Council appropriate \$8,000 for the purpose of erecting a County House of Refuge.

BROCKVILLE, ONT. Mr. Allen, architect is preparing plans for the new building for the Brockville Carriage Co. Tenders will be called for early in March. Mr. G. F. Fulford has offered to subscribe \$1,000 towards building a house of refuge.

OWEN SOUND, ONT. Mr. Jas. P. Telford, of this town, will receive tenders until noon on Wednesday, the 17th inst., for the removal of the drill shed at Annan and its re-erection with additions at Owen Sound. Plans and specifications at office of Telford & Co.

STRATFORD, ONT. Mr. Thos. Newman will erect a 2-story brick residence on Church St. at a cost of \$2,000. Contracts will be awarded in about a week. H. J. Powell, architect. It is the intention of Mr. Joseph Salkald, of this city, to erect a \$2,500 residence, plans for which are in course of preparation by Mr. H. J. Powell, architect.

ST. JOHN, N. B. Repairs are shortly to be made to fire stations Nos. 1, 2, 4 and 5, at an estimated cost of \$5,000. At a recent meeting of the Board of Works it was decided that the City Engineer be instructed to prepare plans and estimate cost for the wharf and grain elevator at Sand Point.

HAMILTON, ONT. James Balfour, architect, will receive tenders until noon of the 15th inst. for the erection of a dwelling on Garth St. The Sewer Committee have recommended the construction of a pipe sewer on Euclid Ave. from Barton St. to Copeland Ave. The City Clerk will receive tenders until Wednesday, the 24th inst., for the supply of lead pipe, service brass-work, iron pipe, special castings, stop cock boxes, hydrants and stop valves, and a large heater for the beach works.

KINGSTON, ONT. Arthur Ellis, architect, is calling for tenders for brick-veneering and improvements to All Saints' Church. Mr. C. H. Martin will ask for new tenders for the erection of a residence on Gordon St. The City Engineer will receive tenders until the 18th inst. for supplying the following materials required by the city: 500,000 ft. B.M., more or less, of 2 and 1 1/2 inch plank for wall; 70,000 ft. lineal, more or less, of 5 x 4 cedar sleepers for walks; 12,000 pieces, more or less, of cedar blocks for crossings, hardware, etc.; smithwork and carting.

VANCOUVER, B. C. Plans are now being prepared for a 2-story brick dwelling at the corner of Westminster Ave. and Oppenheim St. The building will be built of brick and stone and have a frontage of 60 feet. Plans for the new Wilson

block, at the corner of Columbia Ave. and Dupont St. are nearly completed. The building will be two stories with basement, and the ground floor will be divided into eight stores, the upper portion being laid out in suites of rooms. Work has commenced on the excavation for a new brewery for Mr. Charles Deering. Considerable machinery will be required for equipment.

OTTAWA, ONT. E. F. E. Roy, Secretary Dept. of Public Works, will receive tenders until Tuesday, the 23rd inst., for the construction of a breakwater at Devil Island, Halifax County, N. S. Plans and specifications may be seen at the office of Mr. C. W. Dodwell, resident engineer, in the Old market building, Halifax, N. S., and at the Dept. of Public Works, this city. Mr. Wm. Smith, Deputy Minister of Marine, will receive tenders until Monday, the 22nd inst., for the construction of two combined gas and bell buoys. Plans may be seen at the department, this city, at the agency of the department, Quebec, and at the office of the steamboat inspector, Montreal.

TORONTO, ONT. The City Engineer has prepared a statement of the approximate cost of constructing a subway under the G. F. R. tracks on Queen St. east. The estimate is placed at \$100,000. The Committee on Water Works will receive tenders up to Monday, the 22nd inst., for the purchase of the building and plant at St. Alban's pumping station, situated on the Lake Shore, Humber bay. The pumping engines are high pressure, of 2 1/2 million and 1 1/2 million gallons daily capacity respectively. The estimates of the City Engineer for the current year contains an item of \$40,000 to be expended in replacing cedar block pavements. The proprietors of the Canadian Queen have purchased a site on Melinda St. on which they intend to erect a large building, to be executed in brown stone and pressed brick. Plans are now being prepared by the architects. Mr. H. J. Smith is making preparations for the erection of nine solid brick houses on corner of Euclid Ave. and Johnson Ave., to cost \$2,000 each. Contracts have not been let. Building permits have been granted as follows: R. Walker & Sons, one 4-story bk. and stone store, 39 King St. east, cost \$30,000; J. & J. Sturdy, six att 2-story and attic bk. dwellings, east side Seaton St., cost \$15,000; Price Brown, an additional bk. story and inside

alterations, 37 Carlton St., cost \$2,500; H. E. Simpson, 1-story bk. store, 143 College St., cost \$1,000; C. H. Gill, three att. 2-story and attic bk. dwellings, west side Albany Ave., near Bloor St., cost \$9,000; E. Sexton, four att. 4-story bk. and stone dwellings, east side Church St., cost \$30,000; Chas. Rogers & Son, 2-story bk. add. to factory, Macdonald Sq., cost \$2,000; J. P. Smith & Co., one pr. 2-story and attic bk. dwellings, south side Gerrard St., west of Mutual St., cost \$7,000. Alterations are to be made to Broadway Tabernacle, Spadina Ave., to provide a better means of exit.

FIRES.

Mr. J. L. Patterson's residence at Agincourt, Ont., was burned to the ground on Wednesday last. Loss \$12,000. The furniture factory at Napanee, Ont., owned by J. Giffard & Son, was burned on Thursday. Loss \$15,000. On Monday last Mr. Gamoreans' large store and residence and ginger ale factory at Mattawa, Ont., was completely destroyed by fire. Loss \$12,000. Alexander Chuslon's warehouse on College St., Montreal, was totally destroyed by fire on Tuesday last, entailing a loss of \$75,000. The damage to the building was small. The Windsor Hotel, at Regina, N. W. T., was completely burned on the 5th inst. together with Lunan's livery stable.

CONTRACTS AWARDED.

HALIFAX, N. S. Mr. A. L. Melvin has been awarded the contract for ironmongery for the Royal Engineers department.

VANCOUVER, B. C. Mr. E. Cook has been awarded the contract for the erection of a block of stores on Cordova St. for Mr. G. S. McConnell.

TORONTO, ONT. The contract has been let for the erection of a school room in connection with the old Leshevile Methodist Church, Queen St. east.

MONTREAL, QUE. The Harbor Commissioners have accepted the tender of Mr. Duncan McIntyre for 22 tons of 56-pound rails for the railway on the guard pier.

KINGSTON, ONT. The Waterous Engine Co. of Brantford have been awarded the contract for shafting and pulleys for the new light and power station. The contract price is \$2,700.

BIDS.

OTTAWA, ONT. It is rumored that George Goodwin, of this city, is the lowest tenderer for section 11, and Dennis O'Brien & Sons, of Montreal, for section 12 and 13 of Soulanges Canal.

To ascertain the amount of lime in Paris white, or whiting, dissolve in dilute hydrochloric acid, and precipitate the lime from ammoniacal solution with solution of ammonium oxalate.

A sheet of lead is considered 7 ft. by 30 ft., but will for practical purposes, be found about 6 ft. 10 in. wide, and of length varying from 25 ft. to 30 ft. All lead for gutters and flats is invariably cut lengthwise of the sheet, and that for flashings, hops, ridges, &c., across the sheet.

Plaster, when dry, treated with two coats of warmed boiled oil, will, when painted, stand the elements as well as wood. Roger's statuary is made in this manner. Shellac varnish is used sometimes in place of boiled oil, but if there is any common lime in the work it is apt to scale.

A composition known as "painter's cream" is employed by some decorators for covering unfinished work. It is composed of nut oil, 3 oz.; mastic, 1/2 oz.; dissolve; add acetate of lead, 1 drachm; and sufficient water to bring the moisture to the consistency of cream. It can be washed off with a sponge.

The latest novelty in American electrical science is the use of permanent magnets to windows to prevent the rattling of sashes that is often such an annoyance. In building railway carriages, it is the common practice to make the windows fit tightly in the frames, and where dampness is present the woodwork often swells so much that it is difficult and often impossible to raise the sash. In using the permanent magnet the poles are toward the face of the sash, with rods of iron fixed rigidly in the window frames. The magnets constantly draw the sash into contact with the frames, thereby it is claimed, obviating any tendency to rattle. A sash so arranged need not fit snugly in the frame, and the magnets do not materially interfere with the raising or lowering of the windows.

J. B. LEWIS, C.E.
P.L.S. for Ontario and Quebec.
Dominion Land Surveyor.
(DRAINAGE WORK A SPECIALTY.)
126 SPARKS STREET.

(Huron, 26th Decem^r 1891

B. H. Mortimer Esq.
Toronto

Dear Sir

I believe that your paper (Contract Record) is the best medium to reach Contractors and shall always have any orders of any work with which I am connected inserted in it.

Wish you the compliments of the Season
I remain

Yours truly
J. B. Lewis