

H. B. Richmond

THE
Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

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No. 5

THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information
 and Public Works.

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14 KING ST. WEST, TORONTO, CANADA.

The purpose of this journal is to supply Contractors, Manufacturers and Dealers throughout Canada, with advance information regarding contracts open to tender, and to furnish Architects, Municipal and other Corporations with a direct medium of communication with Contractors.

Information from any part of the Dominion regarding contracts open to tender will be gratefully received.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 1889, the Ontario Association of Architects signified its approval of the **CANADIAN CONTRACT RECORD**, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

The publisher of the "Canadian Contract Record" desires to ensure the regular and prompt delivery of this Journal to every subscriber, and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

HINTS FOR CONTRACTORS.

Granite is the most compact of stones used in foundation, and will withstand a pressure more than twice that which will crush limestone. Granite will sustain a pressure of 15,300 pounds to the cubic inch; sand stone, 5,430 pounds; limestone, 7,300 pounds.

Iron bolts exposed to the action of rain water in bridges over the Thames have in twenty-five years been eaten away from an original diameter of 1 1/8 inches to one of five-sixteenths of an inch, which is a reduction in area of cross-section of seventy-five per cent.

In estimating the strength of a stone to resist pressure, it is not safe to predicate an opinion upon examples of cracking or breaking in the walls of a building, whether before or after its completion; for a little inequality in the bedding may produce such a result, when, if evenly bedded, the stone would have borne many times the load it has sustained. In a large and heavy building it is all important that the foundations be firm and unyielding, for on this depends the integrity of the entire structure. Beyond this it is important that the stone be evenly cut, so that the bed of each succeeding block should rest evenly upon those below it. From an inequality in dressing two adjacent blocks of stone to the same thickness, leaving at their junction one of them projecting slightly beyond the other, the superincumbent block of granite is sometimes cracked quite through. This breaking was not due to pressure alone, nor to want of strength in material as was evident from the perfection of the wall below, but entirely to the pressure bearing upon the centre of a block resting on an uneven bed, or supported at the two ends and not in the centre.

CALENDAR.													
1890				1890				1890					
Jan.	Tuesday	Wednesday	Thursday	May	Tuesday	Wednesday	Thursday	Sept.	Tuesday	Wednesday	Thursday		
1	2	3	4	1	2	3	4	1	2	3	4		
5	6	7	8	5	6	7	8	5	6	7	8		
9	10	11	12	9	10	11	12	9	10	11	12		
13	14	15	16	13	14	15	16	13	14	15	16		
17	18	19	20	17	18	19	20	17	18	19	20		
21	22	23	24	21	22	23	24	21	22	23	24		
25	26	27	28	25	26	27	28	25	26	27	28		
29	30	31		29	30	31		29	30	31			

CONTRACTS

CONTRACTS OPEN.

- WINDSOR, ONT.**—An addition is to be built to the market building.
- THREE RIVERS, QUE.**—The Government is being urged to improve the harbor.
- AMHERSTBURG, ONT.**—The town hall and fire hall were burned on the 10th inst.
- BRANDON, MAN.**—The Northern Pacific Railway will build a \$20,000 station this year.
- USHAWA, ONT.**—The school room of the Methodist church on Simcoe St. is to be enlarged.
- DESRONTO, ONT.**—Plans have been prepared for a business block to be erected by Mr. John McCulloch.
- MITCHELL, ONT.**—The congregation of Knox Church are taking steps for the erection of a new building.
- CHATHAM, ONT.**—The trustees of Park St. church have decided to enlarge the Sunday School building.
- GALT, ONT.**—The Board of Trade will recommend the Council to submit a by-law to the ratepayers for the construction of water works.
- BERLIN, ONT.**—More than \$30,000 has been subscribed towards the establishing of a piano factory, the capital of which is to be \$100,000.
- NORTH BAY, ONT.**—Mr. Thos. Kennedy, architect, Barrie and Toronto, is preparing plans for a large brick hotel to be built here for Mr. Lynch.
- LONDON, ONT.**—The Water Commissioners are prepared to start laying mains in London South as soon as the Amalgamation bill is assented to by the Local Legislature.
- MEAFORD, ONT.**—A deputation of citizens interviewed the Minister of Public Works a few days ago, and urged the necessity for an appropriation for dredging at this harbor.
- BRANTFORD, ONT.**—The Bill before the Ontario Legislature to enable the city to issue debentures for drainage, water, school and park purposes has passed its second reading.
- THORNBERY, ONT.**—A deputation interviewed the Minister of Public Works a few days ago, with the object of securing a further appropriation to complete the harbor works.
- VICTORIA B. C.**—An appropriation of \$35,000 has been made for the enlargement of the city hall.—The Golden Smelting Co. is calling for tenders for a bridge across the Kicking Horse to cost \$3,000.
- STRATFORD, ONT.**—The directors of the water company have been granted authority to contract for a new pumping engine having a daily capacity of 3,000,000 gallons, and a new 100 h. p. boiler. The officers of the company are John Corrie, President; D. B. Burritt, Secretary and Treasurer.
- OTTAWA, ONT.**—The plans for the construction of the bridge from East Hull to the foot of the locks under Nepean point have been prepared, and are accepted by the whole of the promoters.—Sir John Macdonald has intimated that the St. Lawrence canals will probably be enlarged through out within the next three years.