

# THE Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

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No. 11

## THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information and Public Works.

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**C. H. MORTIMER, Publisher.**

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.

### SHRINKAGE OF CASTINGS.

- In locomotive cylinders, 1-16 inch in a foot.
- Pipes, 1/8 inch in a foot.
- Girders, beams, etc., 1/8 inch in 15 inches.
- Engine beams, connecting rods, etc., 1/8 inch in 16 inches.
- Large cylinders, say 70 inches diameter, 10 foot stroke, the contraction of diameter, 3/8 inch at top.
- Ditto, 1/2 inch at bottom.
- Ditto in length, 1/8 inch in 16 inches.
- Thin brass, 1/8 inch in 8 inches.
- Thick brass, 1/8 in 10 inches.
- Zinc, 5-16 inch in a foot.
- Lead, 5-16 inch in a foot.
- Copper, 3-16 inch in a foot.
- Bismuth, 5-32 inch in a foot.
- Tin, 1/4 inch in a foot.

The following table shows the relative elasticity and strength of various timbers in common use.

WOOD.	Elasticity.	Strength
English oak.....	105 00	1.672
Canada oak.....	155 50	1.706
Ash.....	119 00	2.026
Beech.....	98 00	1.556
Elm.....	50 64	1.013
Pitch pine.....	88 68	1.632
Red pine.....	133 00	1.342
N. England fir.....	158 50	1.109
Larch.....	76 00	902
Norway spruce.....	105 47	1.404

1890			1890			1890		
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



### CONTRACTS OPEN.

- WINGHAM, ONT.—A site has been purchased for a new Episcopal church.
- HEMINGFORD, P. Q.—About 5000 has been subscribed towards building a new Methodist church.
- SMITHS FALLS, ONT.—The McLaren House, which was destroyed by fire last year, is to be rebuilt.
- VANCOUVER, B. C.—A movement is on foot to erect a Temperance Hall, costing about \$50,000.
- SHERBROOKE, QUE.—The G. T. R. Depot is being pulled down, preparatory to the erection of a new one.
- TOLLEDO, ONT.—Tenders are being called for the construction of a Roman Catholic presbytery and small chapel.
- NANAIMO, B. C.—A by-law has been introduced into the city council to borrow \$50,000 for street improvements.
- ST. THOMAS, ONT.—A by-law to raise \$125,000 for water works extension has received the sanction of the ratepayers.
- PORT STANLEY, ONT.—Messrs. E. N. Hunt, of London, H. E. Nelles and brother, will erect summer residences here.
- BEEBE PLAIN, P. Q. The municipality has bought the old Methodist church and will convert it into a town building.
- GUELPH, ONT.—A portion of the estate of the late J. C. Chadwick has been purchased as the site for a new Episcopal church.
- EAST TORONTO.—A by-law has passed the council, authorizing the raising of \$9,000 by debenture for street improvements.
- NIAGARA FALLS, ONT.—A by-law will be submitted to raise \$10,000 or \$15,000 by ten or twenty years debentures for street improvements.
- CHATHAM, ONT.—The Water Works Company have purchased two acres of land for the site of their supply well, pump house and water tower.
- OTTAWA, ONT.—A company has been formed and more than the necessary amount of stock subscribed for the construction of the Ottawa & Parry Sound railroad.
- INGERSOLL, ONT.—Tenders are asked by the trustees of the Baptist church for the erection of a new building. The Government has asked the town to choose a site for a new post office.
- PORTAGE LA PRAIRIE, MAN.—Plans are being prepared for a handsome building for the Imperial Bank in Portage la Prairie. The building will be solid brick with stone foundation; will be heated with hot water, and will cost about \$10,000.
- W. TORONTO JUNCTION.—Tenders are asked for the erection of a 5-storey brick factory just north of St. Clair Ave., for the Austin Mfg. Co., of Toronto.—Alex. Harvey, architect, is preparing plans for a block of brick stores to be erected on College St., Toronto, for Mr. Chas. Harris; also for two brick dwellings for Mr. Bowler, of the Junction.
- BROCKVILLE, ONT.—Messrs. Harvey and Cole who went to England to obtain financial assistance towards the erection of an International Bridge, have returned and made a favorable report. The town council has been requested to make an appropriation to cover the cost of obtaining a charter