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THIS PAPER REACHES EVERY WEEK THE TOWN AND CITY CLERKS, TOWN AND CITY ENGINEERS, COUNTY CLERKS AND COUNTY ENGINEERS THROUGHOUT CANADA.

Vol. 5.

### OCTOBER 18, 1894

No. 37

#### THE CANADIAN CONTRACT RECORD,

PUBLISHED EVERY THURSDAY

As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, pcyable in advance.

C. H. MORTIMER, Publisher,

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New York Life Insurance Building, Montreal. Bell Telephone 2200.

Information solicited from any part of the Dominion regarding contracts open to

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 following resolution was unanimously adopted at the First Annual Meeting of the P-ovince of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Pernult, seconded by A. F. Dunlop, that we the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors,—Resolved, that we pledge our support to it by using its columns when calling for Tenders."

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publisher of any irregularity in delivery of paper.

### **Notice to Contractors**

### **CANADIAN** CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the Ganadian Contractor's Hand-Book, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post-paid to any address in Canada on recept of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authorized information. accessible and properly authenticated information on a wide variety of subjects adapted to his daily requirements.

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Send for a copy of the second edition of the Canadian Contractor's Hand-BOOK. Price, \$1.50; to subscribers, \$1.

### TO ENGINEERS AND CONTRACTORS

Sealed tenders, marked "Water Works," will be re-ceived by the undersigned on or before the

#### FIRST DAY OF NOVEMBER, 1894,

for the plans, specifications, surveys and supervision of a Complete System of Water Works, Sewerage and Elec-tric Light, in the town of Sudbury, Ontario. For particulars apply to R. T. MacEwan, Chairman of Fire, Water and Light Committee, Sudbury.

The lowest or any tender not necessarily accepted.

ARTHUR FERRIS, Clerk Town of Sudbury:

Sudbury, Ont., Oct. 13th, 1894.

#### BARTER AND EXCHANGE.

This department has been opened for the speedy barter and exchange of second-hand plant or naterial, or small lots of new or second-hand materials by builders and others not regularly engaged in the sale of the such articles. Advertisements other than those of the above description will not be inserted.

RATES—12 words and under, 15 cents; each additional word, 1 cent (three figures count one word), on two or more subsequent insertions a discount of 10 per cent, will be allowed. Not more than four insertions of an advertisement can be granted.

Replies to advertisements may be addressed to a box at this office, in which case necessary stamps must be sent for re-mailing replies. Advertisements for this department must be prepaid.

TOR SALE—Wood and glass partition, 9 feet high.

1832 feet long, including door 3x feet. Pine, natural finish, ground glass in paners. In use little more than a year. Cost over \$50; will be old at a sacrifice.
Box 50, Contract Record office.

#### BUILDING MATERIALS AND FIRE.

The supervising architect of the Treasury Department, Mr. Mullett, in 1872 made the following statement at that time: Cast iron, absurd as the statement may appear, will not resist as much heat as good, sound oak timber of the same dimensions. Fire expands the iron and breaks it very easily. Indeed, if oak timber should be treated by any of the processes of liquid silicate, or other non-com-bustible ingredient, it may be considered almost a fire-proof material compared with cast iron. As for stones suitable for building purposes, as I told you before, there are few that are fire-proof, though some approximate the necessary conditions, and, except in severe conflagrations, may be generally depended upon. Granite, marble and sandstone are not to be trusted, as they soon perish by exposure to the heat, as has been shown a thousand times. But I am strongly in favor of liquid silicate as a preparation for wood to be used for building purposes. My attention was directed to this material some years since, but I have not had an opportunity to investigate the subject fully. believe, however, that it merits more attention than any other suggestion that has been made public, and may yet prove one of the most practical solutions of the question of non-combustible construction that has yet been offered. Whether this or some other process for making wood incombustible is the more desurable, I am not prepared to say. I am, however, decidedly of the opinion that any process by which wood can be rendered noninflammable at a reasonable cost would

not only be an inestimable blessing to the public, but its use should be rendered imperative by law.—Exchange.

#### CONTRACTS OPEN.

REGINA, N. W. T - J. R. Marshall is preparing to erect a carriage shop and dwelling.

VALLEYFIELD, QUE.—The Montreal Cotton Company will erect a number of cottages here next spring.

NIAGARA FALLS, ONT .- The Dominion Suspender Company will erect a new building next spring, 100 x 50 feet.

WOLFVILLE, N. S.—A company has been formed to build a new hotel, to cost \$25,000. fall. Work is to be commenced this

HUTTONVILLE, QUE. The Hutton Electric Light Company will probably purchase a new alternating current

VANCOUVER, B. C .- N. S. Hoffar, architect, has prepared plans for a brick and stone block to be ejected by J. F. Gardner.

HALIFAX, N. S .- The City Treasurer will receive proposals until the 8th of November for a loan of \$20,000 for sewerage purposes.

MONCTON, N. B.-Alex. Carter has prepared plans for a large ice rink, 200 × 100 feet, to be erected on Church street. Construction work will be commenced at once.

NANAIMO, B. C.-The City Surveyor is preparing an estimate of the cost of obtaining a water supply from the Nanaimo river. It is thought the cost will be about \$120,000.

KNOWLTON, Que.—A by-law will likely be submitted to the ratepayers by the Council asking for authority to raise funds to construct a system of waterworks and sewerage.

GUELPH, ONT.—An effort is being made to organize a company to build a rolling mill for the manufacture of iron. Particulars may be obtained from James Watt, President of the Board of Trade.

EDMONTON, N. W. T .- The construction of a bridge across the river at this place will probably be commenced at an The cost will be about \$60,000, and the Town Council has agreed to make a grant of \$15,000.

OTTAWA, ONT. - Mr. Fuller, chief architect of the Public Works Department, has had plans prepared of a pro-posed dairy building, which is to be erected adjacent to Rideau hall. It will be fitted up with all the latest appliances.

WINDSOR, ONT.—Tenders are invited by the City Clerk until to-day, (Thursday, for the construction of the Cameron avenue sewer.—Mr. McLean, architect, has prepared plans for the proposed Children's Home. The cost will be in the neighborhood of \$7,000.

WINNIFLG, MAN architect, has prepared plans for improvements to the Oddfellow's hall, corner Princess street and McDermott avenue.— C. H. Wheeler, architect, is preparing plans for a stone basement under the Harris block, corner Main and Market streets.

LONDON, ONT.—Building permits have been granted as follows. T. Macbeth, residence, corner Ridout and Maple streets, cost \$3,000; Peter McKenzie, two storey brick veneer cottage on John street, cost \$1,000; J. H. Vanstone, two-storey brick residence, Stanley street, cost \$1,600.

BROAD COVE, C. B.—W. P. Hussey, Manager Broad Cove Coal Company, invites tenders until the 25th inst. for dredging and building a breakwater at this place. Plans may be seen at the office of Wm. H. Wiswell, County Treasurer, Halifax, N. S.; Bacon Bros., St. Paul st., Montreal, and at the Superintendent Engineer's office, Broad Cove.

MEAFORD, ON1.-On the 23rd of November the ratepayers will vote on a by-law authorizing the expenditure of \$20,000 for waterworks purposes. The items are as follows engine house, \$1,000, one set duplex pumping engines, \$2,000; storage tank, \$2,000; 400 feet 10 inch suction pipe, \$1,400; 18,100 feet of distribuing main, \$12,400; hydrants, \$950; stop valves, \$250.

HAMILION, ONL-W. A. Edwards, architect, is calling for tenders this week for the erection of a brick residence on Catherine street south.—Building permits have been granted as follows Martin, 2 two-storey brick dwellings on Kiniade ave., cost \$1,800; R. J. Larkin, two-storey brick house, Simcoe street, cost \$2,200; E. Patterson, two-storey brick house, Augusta street, cost \$1,250.

MONTREAL, QUE - At the next meeting of the Richelieu and Ontario Naviga-tion Company the advisability of building two new steamers for the lake route will be discussed. It is said the company be discussed. It is said the company have decided to erect temporary work-shops at Sorel and to build permanent shops at Sorel and to build permanent ones in this city at a later date. A railway from Bay Chaleurs to Sault Ste. Marie via Montreal will probably be built in the near future. The Montreal, Sorel and Bau de Chaleurs Railway Company are said to be negotiating a loan of £4,000,000 for the purpose. The Council 14,000,000 for the purpose. The Council of Cote St. Antoine have decided on the erection of a new city hall and fire station. The cost of repairing Jacques Cutter Square has been estimated at \$24,000. The matter has been referred to the Market Committee. Mr. C. St. Jean, architect, has prepared plans for a stone front cottage for Mt. L. M. Naulin.

TORONTO, ON1. Thomas Crawford, Chairman Property Committee, will receive tenders until Thursday, the 25th, inst., for making alterations and improvements to the stalls at the south end of St. Lawrence Market. Plans may be see , at

the office of the City Commissioner, City Hall. The cost of the work is not to exceed \$4,000.—At a recent conference of the Council of the Board of Trade with several city representatives, regarding the James Bay railway, a resolution was passed urging the Nipissing and James Bay Railway Company to proceed with the speedy construction of the road. Mr. the speedy construction of the road. Mr. A. Kent has purchased a lot on Walmer road.— The Metallic Roofing Co. of Canada are contemplating the removal of their Montreal factory to Toronto, and have written to the "roperty Committee asking for a lease of a site on the northeast corner of King and Dufferin streets.—It is stated that a Masonic temple, costing upwards of \$250,000, is to be erected in this city, on a central site. The Committee of Management will be composed of three representatives from each posed of three representatives from each local lodge.—In his fortinghtly report presented to the Board of Works on Monday last, the City Engineer recommended the construction of a 12-foot ce-ment concrete walk on the east side of Church street, from King street to Front street. Permission was also asked to ask for tenders for the crib work necessary for the extension of the city dock at the foot of Frederick st.—Mr. A. A. Dickson will erect a large residence on Walmer Road. Mr. F. H. Herbert, architect, will prepare the plans. Mr. Herbert has also in charge the erection of 3 pair of semi-deteched residences at Cote St. Antoine, Montreal.

#### FIRES.

A building at Kincardine, Ont., owned by the Merchants' Bank of Canada, was destroyed by fire on Tuesday last.—The carriage shop and dwelling house of W. H. Todd, at Goodwood, Ont., was burned to the ground a few days ago. Loss, about \$10,000; insurance, \$4,000.—Geo. Hunter's ding store at Sault Ste. Marie, Ont., was gutted by fire on the 12th inst. Loss covered by insurance.—Jas. Elliott's house at Ameliasburg, Ont., was destroyed by fire recently: insurance, \$1,500.—The Robinson Fish Company's large warehouse at Selkirk, Man., was consumed by fire on the 15th inst. The loss will reach \$40,000, which is mostly covered by insur-

#### CONTRACTS AWARDED.

OTTAWA, ONT .- The tender of Torney & Geo geson has been accepted for heating the Maternity Hospital with steam.

AYLMER, QUE.—R. & W. Conroy have awarded the contract to Ahearn & Soper, of Ottawa, for supplies and the necessary dynamos for an electric light system.

TORONTO, ONT. - Messrs. D. McIntosh & Sons, of this city, have been awarded the contract for the erection of the pedestal for the statue of Sir John A. Macdonald in Queen's Park.

KINGSTON, UNI.-Contracts for James Browns new house, conner William and Wellington streets, have been let as fot-lows, masonry, A. Gallinger; carpentry, O'Reilly & Hooper, plumbing, McKelvey & Birch; painting T. Milo.

HAMILTON, ONL-Bracey Bros. & McNair, of Chicago, have been awarded the contract for the grading, trestles, culverts and masonry for the Toronto, Hamilton and behado railway from Brantford to the size of the west and station in this city. - The following tenders were received last week by the Board of Works for the construction of sewers, the lowest tender in each case being accepted. J. W. Blasdel—Young street, 34c.: Victoria ave., 48c.; John street and Alma ave., 90c.; Dominion and Markland streets, 61c. E. C. Murton—Victoria ave., 59c.: Young street, 44c.: Dominion street, 78c.: John street, 51.43. David Newland—Yeung street, 35c.: Dominion street, 53c.: Victoria ave., 34c. J. J. Armstrong street, 20 3-c.: Dominion street, 60 c.: Victoria ave., 34c.: Dominion street, 60 c.: Victoria ave., 40 c.: Victoria stret, 2912c.; Dominion street, 90c.; Victoria ave., 32<sup>1</sup>2c. Wm. Spence -Domin ion street, 75c.: John street, 99c.: Victoria ave., 32c.; Young street, 75c.—David Baird—Young street, 28c. Thomas Lawson-Dominion street, 52c.; Victoria ave., 37c.; Young street, 32c

MONTREAL, QUE.—The Road Commit-tee last week accepted the following tenders: special castings, Wm. Rodden & Co., \$38.90 pe ton; cast iron water pipe, Canada Pipe and Foundry Co., \$35.95 per ton; drain in St. Ignace street, from Rivard to Carneres street, A. Benoit, \$5.-27 per yard for ordinary work and \$4 for rock; drain on Panet street, from existing sewer to Sherbrooke street, P. J. Murray, \$5.14 per yard and \$4 for rock.—Mr. C. St. Je in, architect, has awarded contracts as follows: --Furnishing of church at St. Césaire, D. A. Beaulieu; floor tiling at the "Hospice Auclair," G. Baccerini. For a three storey stone front tenement building on Amherst street for Mr. Desforges as follows: masonry, M. Paquette; carpenter and joiner's work, H. Chagnon; brickwork, O. Deguise; painting and glazing, A Garrière. Fireproofing to the Deaf and Dumb Institute, A. Rousseau.—Messrs. Dunlop & Heriot have awarded the contracts for Mr. Hugh Graham's residence, corner Sherbrooke and Stanley streets, as follows: excavation and masonry, J. H. Hutchison; brickwork, T. W. Peel.—Mr. W. McLea Walbank has awarded contracts for the erection of a stable in rear of Drummond street for the Taylor estate as follows: masonry, J. B. St. Louis; carpenter and joiner's work, Beckham & Scott; roofing, G. W. Reed; iron work, R. Donaldson & Sons.

#### HOW TO MAKE AND LAY FLOORS, ROADS AND PATHS.

Floors.-Portland cement is used to a great extent as the chief material for making floors, and there is little doubt of its answering well for that purpose, if laid sufficiently thick and the material gauged in a proper manner.

For this purpose the cement ought to be gauged with an equal quantity of sharp sand, free from clay, both for first coat and for the second: for if the first coat is gauged with a greater quantity of sand than the second they will not bind together. Besides, pure cement swells more in setting than cement mixed with sand; therefore, if the finishing coat is made finer than the first coat it will be liable to blister, and so destroy the floor. The sand for the last coat should be well washed, and the two coats need not exceed 1 inch in thickness.

In many parts of England, where there are plaster mills near at hand, it is usual to lay plaster floors. But this plaster is of a much rougher kind than that which is generally used: in fact, it is a sort of dross from the mills. These floors are laid about 2 inches or 2½ inches in thickness, and finished at one operation. A plaster floor of Welsh lime is thought to be as good as grey plaster, and can be

done at a third less cost.

Plaster as a Substitute for Wood Floorings.—M. Julhe has brought before the notice of the French Academy of Sciences a number of experiments made by him regarding the more extensive use of plaster, by such means as substituting it for wood

in the construction of flooring.

His idea is based upon the augumentation of volume which takes place in plaster, after its application, while other mortars or cements, as well as wood, are hable to shrinkage or cracking as consequences of desiccation. When applied in layers

of sufficient thickness to resist breaking, it is unaffected by time and atmospheric changes, provided it is not exposed to

Two properties are, however, still needed before plaster could be used in the general manner indicated-hardness and resistance to pressure from above—and these M. Juble considers he has found a method of supplying. He thoroughly mixes 6 parts of superior plaster with 1 part of fat lime, recently slaked and finely sifted. This composition is applied in the same manner as ordinary plaster. When dried, the object produced is steeped in a solution of any sulphate with a base capable of being precipitated by lime and an insoluble precipitate. Sulphate of iron and sulphate of zinc are the most suitable agents. The lime in the pores of the plaster decomposes the sulphate, and two insoluble substances are produced—sulphate of lime and oxide—which fill the pores of the object treated.

With sulphate of zinc the plaster remains white, and with sulphate of iron it passes through a greenish stage, by the action of time and desiccation, into the tint which characterises sesquioxide of iron. By using sulphate of iron greater hardness of surface is produced, and the resistance is twenty times that of ordinary plaster.

The proportions of lime and plaster are not exactly fixed, but may be varied in accordance with the results sought to be ob-tained. Still, the proportion of 1 to 6 has been found by M. Julhe to give the most satisfactory results. It is also recommend-ed not to pass and repass the trowel for too long a time, the quickest workmen be-

ing the most suitable for this operation.

By using sulphate of iron an aspect of rust is obtained, but if there is passed over the surface some lithargized linseed oil (a little browned by heating), a mahogany tint is produced, while a certain superficial elasticity is likewise gained. The shade is improved by the use of a layer of hard copal varnish. A layer of plaster, 2½ inches to 2¾ inches in thickness, treated in the manner indicated, will make a perfectly smooth flooring, quite applicable as as a substitute for oak, and at a quarter

Gravel Walks. - Fifteen bushels of gravel, from 3 to 5 bushels of sand, and from 1 to 1½ busilels of lime. Coarse gravel requires more sand.

#### PAVING.

r yard super. requires 35 stock bricks laid flat.

'' 54 '' laid on edge.

'' 43 paving bricks laid flat.

'' 88 '' on edge. 13 tiles (10 in.)
9 " (12 in.)
70 clinkers laid flat. 75 " on edge herring-bone.

Paving (York) for ordinary purposes, 2½ inches to 3 inches. A step of soft stone, rendered with ¾ inches thickness of I Portland cement and I sand, will wear very well.

Concrete Paving. for racquet court, 6 in. thick (I cement, 2 sand, 5 stone) of which the upper 2 in. are fine, covered with 34 in. asphalt.

For ordinary paving, 4 in. cement concrete is generally sufficient.

Tar Pavement is composed of gravel, Kentish rag, limestone, granite, etc., mixed with tar-twelve gallons of purified coal tar to every cubic yard of stone. If the local coal tar is too thin, pitch should be added.

For road pavement 6 in. to 9 in. thick, the bottom layer (three-fourths total thickness) is of stone, broken to pass through a in. sieve; the remainder to pass through 11/2 inch sieve.

For pavement 3 in. to 4 in. thick, the bottom layer (five-eighths total thickness) is of stone, broken to pass through a 2½ in. sieve, then a middle layer (one-fourth total thickness), to pass through a 1 in. sieve; the remainder (one eight total thick-

ness) to pass through a linch sieve.

For prement 2½in, thick and under, bottom half is of stone, broken to pass through a 11/2 in. sieve; then a layer onethird whole thickness, to pass through a inch sieve.

Laying Tar Pavement Floor, 6 in. thick -Lower course 3 in. thick, stone to pass through a 2½ in. sieve. Middle course 2 in. thick, stone to pass through a 11 in. sieve. Upper course 1 in. thick, stone to pass through a 3/2 in. sieve. To be finished off with a top dressing of clean coarse grit. A 6 inch bed of concrete is first

made, and allowed to stand fourteen days. Gravel is screened, washed and then burnt, as follows: An ordinary fire of coals and wood made on the ground, and a layer of stones added when the fire has became strong. As combustion goes on lumps of coal are added and again covered with fresh stones. As the heat increases the amount of coal may be lessened. It should be kept burning night and day.

After about two days it may be found convenient to rake down the heap and enlarge the base. Stones may then be wheeled on to the top in barrows, coal being added as before. The burning should be carried on about five or six days by the gradual addition of stone and coal. mass may then be shoveled into a conical form, and the fire allowed to burn out, which will take twenty to twenty-four

#### MUNIGIPAL DEPARTMENT.

A recent issue of the Pembroke Observer furnishes us with some interesting particulars regarding the new water works particulars regarding the new water works of that town, which were planned by Mr. Willis Chipman, C. E., of Toronto, the contractors being Messrs. Wm. Murray & Co., of Pembroke. The source of supply is Lake Allumette, an expansion of the Ottawa river. The intake pipe will deliver 1,200 gallons a minute, and is 2,300 feet long. The pump is a compound duplex, non-condensing engine, with a high pressure cylinder of 12 inches with a high pressure cylinder of 12 inches in diameter, and a low pressure cylinder 18½ inches in diameter. It makes 50 strokes per minute, pumping 750 gallons, or at the rate of a million gallons per day. By means of a valve the contents of the sand pipe can be discharged back through the intake pipe, thus flushing the intake and clearing out the screens. The boilers are large enough to furnish power for an electric light plant if necessary. In all there are 34,167 feet of piping laid. The cost of the system was \$45,320.

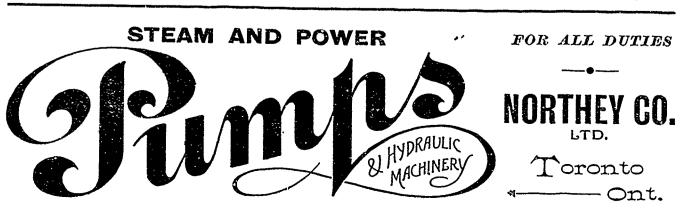
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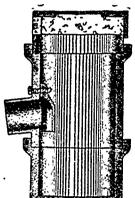
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Show it is the best Hydraulie. Cement for Abutwit is the best Hydraune Cement for Adut-ments and Piers for Bridges, Concrete for Foundations Cisterns, Cement Drain Pipe, Floors for Cellars and Stables, Sewers, and all Mason Work in moist or wet places.

### 10,000 BARRELS

of Thorold Cement were used in the construction of the Great St. Clair Tunnel. Joseph Hobson, Esq., Grand Trunk Railway, chief engineer. Wm. Gibson, Esq., M. P., contractor.

MANUFACTURED BY ESTATE OF JOHN BATTLE, Thorold, Ontario.

#### ORTLAND EMENT

BEST AND CHEAPEST IN TORONTO.

JOSSON, PETERS and BURHAM Brands for highest class work. WHITE HORSE, R. W., IMPERIAL, &C., FROM \$2.00 PER BARREL.

A. E. S. Smythe & Co., 25 George St., Toronto. Telephone 1948 or call and see us.

#### COPP BROS. GO., (LIMITED) THE



The only Manufacturers in Canada and Sole Owners of the Canadian Patents of the American

CHAMPION ROAD MACHINES CHAMPION ROCK CRUSHER CHAMPION SGEEL ROAD ROLLER

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## ANADA PIPE AND FOUNDRY CO....

# Cast Iron Pipes and Special Castings

Works: MONTREAL AND ST. HENRI, QUE.

CORRESPONDENCE SOLICITED.

OF ST. JOHNS, P. Q., (LIM.)



Manufacturers of

Salt-Glazed<sup>3</sup> **Vitrified** 

SEWER PIPES

Double Strength Railway Culvert Pipes, Inverts, Vents,

AND ALL BINDS OF FALL CLAY GOODS.

#### BROWN MFG. CO. & J.

Railway and Contractors' Plant.

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#### CENTRAL BRIDGE AND - -- - ENGINEERING COMPANY.

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#### RAILWAY AND HIGHWAY BRIDGES

Viaducts, Piers, Roofs, Turntables and Girders in Steel and Iron.

Tension memters forged without welds. Riveting done by hydraulic or compressed air machines. Specialties: Good workmanship and strict adherence to specifications and drawings.

CAPACITY: 2,000 TONS PER ANNUM.

## D. BAER & GO.

... Bear Patent ...

#### COMBINATION - BRIDGE DOON, ONI.

All communications promptly answered.

#### Prices of Building Materials.

CONDITION OF THE MARKET.

Builders' supplies for the past week have been some what active, and prices are firm. In general hardware a very satisfactory business is reported. The receipts for cement at Montreal for the week ending Sept. 22 were 4,750 barrels. O'ders are being received principally for car lots, and prices remain unchanged. Firebricks are steady at from \$15.50 to \$22 per thousand. The demand for iron pipe and galvanized iron is good, and shipments are comparatively large. Glass and paints and oils are quiet.

LUMBER.

CAR OR CARGO LOTS.

	Toronto.	Mont	real. s
the to 2 clear picks. Am ins the to 2 three uppers, Am ins. the to 2, pickings, Amins	33 00@36 00	40 000	345 ∞
1 1/4 to 2 three uppers, Am ins.	37 00	40 00	45 00
t 1 to 2, pickings, Amins	20 00	27 00 12 50	90 00
i inch clear		18 30	~~
i better	20 00 22 00	18 ∞	20 00
z to and ze mill run	16 ∞ 17 ∞		19 00 18 00
1 x 10 and 12 dressing	20 00 22 00	8 00	10 00
t x to and 12 spruce culls	1000 1100	10 00	11 00
x to and 12 spruce culls x to and 12 spruce culls x to and teculls inch clear and picks inch dressing and better	900 1000		900
r inch clear and picks	28 00 3230	33 ∞ 18 ∞	35 00
t inch dressing and better	20 00 3230 20 00 22 00 14 00 15 00		10 00
inch siding common.	1200 1200	12 00	14 00
t inch siding, ship culls	11 00 12 00	10 00	11 00
t inch siding, mill culls Cull scantling  1 and thicker cutting up	900 1000	8 00	9 ∞
val and thicker cutting up	800 900	8 00	9 00
plank	24 00 26 00	33 00	35 00
- inchessing a intention mill			•
inch strips, common	1400 1500	14 CO	15 00
inch flooring	1600 1200	11 00 14 CO	15 00
134 inch flooring	16 00 17 00	14 00	16 00
		•	
16 in XX shingles, sawn Lath	250 260	3 60	2 60
Tash	150 160	1 60	1 70
VAL DOUGH	. 40 FATIONS		
Mill cull boards and scantling	10 00		10 00
miscuous widths Shipping cull boards, stocks Hemlock scantling and joist	13 00		13 00
Hamlock scantling and joint	10 ∞		10 00
up to 16 ft	11 00 12 00		10 00
up to 16 ft	1		
up to 18 ft	1200 300	13 00	3 co
up to 20 ft	1300 1400	13 00	14 20
Cedar for block paying per	.,	.,	-4-0
cord	5 00		5 ∞
Cedar for Kerbing, 4 x 14,			
per M	14 00 t 14 00		14 00 14 00
			15 CO
" " 20 !	t 16.0		15 00
Scantling and joist, up to 22 f	1 1700		17 00
" 24 f	t 1900 t 2000		21 00
" " 26 f	t 22.00		23 60
1 10	1 2400		25 00
" " 32 f	27 00		27 00
" " " 36 f	1 29 40 1 31 00		30 50 31 00
" " 36 f	t 33 00 t 34 00		13 00 30 0
" 44 1	3400		3610
Cutting up planks, 11/2 and	ne no a9 so	25.00	26 00
thicker, dry	25 00 25 00	25 00	2000
thicker, board	18 00 24 57	18 00	33 00
13/ in flooring, dressed, F M. 13/ inch flooring, rough, B M. 13/ in dressed, F M. 13/ in undressed, B M.			
134 in Hooring, dressed, P. M.	2600 3000 1800 2200	28 00 18 00	31 00
132 " dressed, F.M.:	2500 2800	27 00	30 00
134 " undressed, B M.	18 00 tg 65	18 ∞	19 00
174 understall		18 00	33 0)
Readed sheeting, dressed	12 00 15 00 20 00 35 00	15 00	15 00 35 00
Clapboarding, dressed	12 00	~	13 00
XXX sawn shingles, per M			
18 th	260 270 250 260		3 (0
light in undersed	3 20 3 00	3 20	3 00 3 00
Red oak	30 ∞ 40 ∞	30 00	40 00
White	37 00 45 00	35 ∞	45 00
White	28 00 70 00	18 00	30 00
Cherry, No. 1 and 2	70 00 90 00	70 ∞	80

		ontreal.	
White ash, No. 1 and 224 00 Black ash, No. 1 and 220 00	20 00	30 00 35 00 18 00 30 00	Cement, Belgian, pe
Dressing stocks	30 00	16 00 22 00 40 00	" Conadian " Roman
Three uppers, Am. Inspection	50 00	50 00	Parian Superfine Thorold,
BRICK—♥ N	1 650	6 00	" Thorold, " Oueenston,
Good Facing	8 00	8 50	" Queenston, " Napanee, " Hull,
Pressed Brick, Per M:	800	850 900	Keene's Coarse "Wh Calcined pluster, per
Red, No. 1, f.o.b. Beamsville	1610		Fire Bricks, Newcastl
Red, No. 1, f.o.b. Beamsville  "" 3  Buff Brown, Roman Red  Buff Brown. Sower	900		Lime, Per Barrel, Gre
Brown	21 CO		Plaster, Calcined, N.
Roman Red	30 00 35 00		Hair, Plasterers', per
Brown.	40 00		H.
Hard Building	7 50		Cut nails, sed & 6:d,
1000 11169,111,11111111111111	22 00 20		Steel " " " CUT NAILS,
Hip Tile (each) Ridge Tile	60		40d, hot cut, per 10.
Red "A" f. o. b. Don Valley Red "B" " " " Red "C" " " " "	18 00 16 00	25 00 20 00	20d, 16d and 12d, hot
Red "C" "Trejan and Corinthian	13 00	17 00 28 00	roo lbs
Pompelian	22 00	29 00	63, 54, 11, 11
Pompellan Athenian and Egyptian Tyrlan	25 00 35 00	31 00 41 00	4d to 5d, " " " "
Roman	40 00 35 00	45 00 40 00	2d, """"
Carthaginian	40 00	45 00	4d to 5d cold cut, not; or blued, per 100 lb
	14 00	18 00	3d to 5d cold cut, not p or blued, per 100 ll
1st quality, f.o.b. at Port Credit and " " " "	12 00 8 00	15 00	FIN
Hard building brick	6 50	12 00	3d, per 100 lbs
Ornamental, per 100 3 00	10 00		CASING AND BOX, FLO
Per Load o 11/2 Cubic Yards	1 25	1 25	12d to 3od, per 100 lb
STONE.			Odended (C. C.
Common Rubble, per toise,		<u>.</u> .	6d and 7d, 4d to 5d,
Large flat Rubble, per toise,	14 00	14 00	3d, " "
(inlivered	18 00 50	18 00 50	inch, per
Foundation Blocks, per c. ft. Kent Freestone Quarries Moncton, N. B., per cu	•	J-	2 10 2 1/2 " "
Moncton, N. B., per cu ft., f.o.b	1 00		13/2 10 13/4 " "
a recatone, per current mone.	95	_	i a
Ballochmyle	90	65 75 105	sd. per 100 lbs
Granite (Stanstead) Ashlar, 6 in. to 12 in., rise 9 in., per ft.		25	3d, " "
Mont Freestone Thomson a Gatelawbridge, cu. ft.		70 Eo	2d, " "
Credit Valley Rubble, per car	0	75 80	Y > T Y
of 15 tons, at quarry Credit Valley Brown Cours-	8 ∞		INI
ing, up to 10 inch, per sup. yard, at quarry Credit Valley Brown Dimen-	1 75		
Credit Valley Brown Dimen-			
sion, per cu. ft at quarry	60		
sion, per cu. ft at quarry Credit Valley Grey Coursing,	60		Architects.
sion, per cu. R at quarry Credit Valley Grey Coursing, per superficial yard 2 50 Credit Valley Grey Dimen-	200	2 15	Ontario Directory
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slon, per cu. ft. at quarry. Credit Valley Grey Coursing, per superficial yard	2 00 60 14 50 32 60 65 80 85 85 11 13 15 22 13 23 23 23 23 23 23 23 23 23 2	75 14 00 14 50  20 00 10 00 6 00 7 50  6 00 6 25 7 50 8 00 6	Ontario Directory Queoec Directory Architectural Scitors and Carver Holbrook & Molling ton Wagner, Zeid'er & Co Architectural Ir Work. B. Greening Wire Co. Dominion Bridge Co. Meadows, Geo.B. Shipway Mig.co. Whitfield, John Art Woodwork Knechtel, S Wagner, Zeidler & Co. Bricks (Pressed Beamswille Pressed Brick Co Morris, E. D Port Credit Pressed Brick Co., Limited Taylor Bros Builders' Suppli Brenner, Alex. Currie & Co., W & F P. Clatworthy, Geo. Maguire Bros Morris, E. D Curris, E. D Curris, E. D Currie, E. Co., W & F. P. Clatworthy, Geo. Maguire Bros Morris, E. D Mice Lewis & Son
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MIRACI RECORD.	October 10, 1094
Toronto. Montreal.	Toronto. Montreal
Cement, Belgian, per bbl 230 210 25:	COMMON BARREL NAILS.
" Conadian " 230 250 225 230	
" Roman " 230 230 225 236	76 11 11 11 11 175 75
Parian " 450 47; 4:0 47	
" Superfine " 650 700 650 700	
" Thorold, "	CEINCH MALSI
" Queenston, " 1 to	inch, per 100 lbs. 85
" Napanee, " x 50	72 and 274
n Hull	2 1110 222
Keene's Coarse "Whites" 4 50 4 75 4 50 4 75	
Calcined plaster, per barrel 1 55 1 70	
Fire Bricks, Newcastle, per M 23 00 30 00 17 50 22 00	1 " 250 250
	SHARP AND PLAT PRESSED NAILS.
Lime, Per Barrel, Grey 35	2 inch. per 100 lbs. 2.35 1.35
White 55	214 and 214 " " 150 150
Plaster, Calcined, N. B 200	2 and 2½ " " " 165 165
	11/2 and 11/4 " " 1 85 t 85
Hair, Plasterers', per bag 80 100	136 " " " 250 250
HARDWARE,	1 " " " 300 310
Cut nails, 5cd & 6cd, per keg 240 225 Steel 11 11 11 250 235	C. 1 112 X 1 2 12 C
CUT NAILS, FENCE AND CUT SPIKES.	printed list.
	Tunn Tilan .
40d, not cut, per 10, lbs 5 5 5	·
20d, 16d and 12d, hot cut, per	11 on pipe, 22 men, per 100000 000
100 lbs 15	" " ½ " "
10d, ho; cut, per 100 lbs 20 20	" " ½ " " 0½ " " ½ " " 12
8d, 9d, 11 11 " 25 25	
6d ad 11 11 11	11 11 35/11 + . 24
4d to 5d, " " " 60 60	" " 1½" "
3d, " " " 100 100	
2d, " " " 150 150	
4d to 5d cold cut, not polished	Galvanized " " 40%
or blued, per 100 lbs 50 50	Cast and soil " " 57% " "
3d to 5d cold cut, not polished	Lead Pipe:
or blued, per 100 lbs 90 90	
FINE BLUED NAILS.	Lead pipe, per lb
ad, per too the real treatment of the	Waste pipe, per lb
2d, " · " 200 200	Discount, Toronto and the West, 30 % on in small
CASING AND BOX, FLOORING, SHOOK AND TOBACCO BOX	iots; 30 and 10% on in ton iots; points east of Toronto,
NAILS.	35 and 10 2 on.
12d to 3od, per 100 lbs 50 50	Galvanized Iron:
12d to 3od, per 100 lbs 50 50 10d, " 60 60	
8d and od. " " 75	
6d and 7d, " " 90 90	26 guare 44/ 5
4d to 5d, " " 110 110	
3d, " " 150 150	
FINISHING NAILS.	16 to 24 guage, per lb 41/4 41/4
	26 guage " 44 44
3 inch, per 100 lbs 85 85 85 2½ t0 2½ " " " " " 00 100	28 " 434 5
2 to 2 1/2 " " " t" 1 15	Note: Channer grades about 1/a ner lb less
1½ to 1¼ " " 35 135	
124 ' " " 175 175	200
1 " " 225 225	Steel Deam's per 100 105 275 250
STATING NATIS	channels, 205 200
5d, per 100 lbs	*ngles, 250 230
4d, " " 85 85	" tees, " 2 80 2 05
ad. " " 125 125	pinico; 33 - 33
2d, " " 175 150	
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	Sanitas Mfg. Co. II
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