

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- Coloured covers/
Couverture de couleur
- Covers damaged/
Couverture endommagée
- Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée
- Cover title missing/
Le titre de couverture manque
- Coloured maps/
Cartes géographiques en couleur
- Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)
- Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur
- Bound with other material/
Relié avec d'autres documents
- Tight binding may cause shadows or distortion along interior margin/
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure
- Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.
- Additional comments: /
Commentaires supplémentaires:

- Coloured pages/
Pages de couleur
- Pages damaged/
Pages endommagées
- Pages restored and/or laminated/
Pages restaurées et/ou pelliculées
- Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées
- Pages detached/
Pages détachées
- Showthrough/
Transparence
- Quality of print varies/
Qualité inégale de l'impression
- Continuous pagination/
Pagination continue
- Includes index(es)/
Comprend un (des) index
- Title on header taken from: /
Le titre de l'en-tête provient:
- Title page of issue/
Page de titre de la livraison
- Caption of issue/
Titre de départ de la livraison
- Masthead/
Générique (périodiques) de la livraison

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	14X	18X	22X	26X	30X
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12X	16X	20X	24X	28X	32X

Check nos 10, 18, 27, 36, 48, 51

TORONTO PUBLIC LIBRARIES

city hall library municipal reference

THE Canadian Contract Record

A Weekly Journal of Advance Information and Public Works.

ISSUED AS A SUPPLEMENT TO THE "CANADIAN ARCHITECT AND BUILDER."

Vol. I.

Toronto, Canada, Nov. 27, 1889.

No. 1

THE CANADIAN CONTRACT RECORD,

A WEEKLY JOURNAL OF ADVANCE INFORMATION AND PUBLIC WORKS.

(Issued as a Supplement to the "Canadian Architect and Builder.")

C. H. MORTIMER, Publisher.

Subscription Price, \$2 Per Year.

PUBLICATION OFFICES:

14 KING ST. WEST, TORONTO, CANADA.

The purposes of this journal are 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.

SALUTATORY.

THE CANADIAN CONTRACT RECORD, of which this is the initial number, is designed to occupy an unique position among Canadian journals. By means of a complete system of correspondence, extending to every city, town and incorporated village in the Dominion, we have placed ourselves in the position to supply the hundreds of contractors and manufacturers and dealers in construction materials throughout Canada who are subscribers to the CANADIAN ARCHITECT AND BUILDER, as well as those who may hereafter become such, with advance information regarding all important contracts open to tender.

The Ontario Association of Architects at its recent Convention by public resolution adopted the CANADIAN CONTRACT RECORD as its medium of communication with contractors, the members agreeing to place all their advertisements for tenders in these

pages. This decision on the part of an Association which controls the expenditure of many millions of dollars annually, imparts a value to this publication which should render it indispensable to contractors and supply men. On the other hand, the fact that the names of a large number of the leading contractors throughout the Dominion are already on our subscription books, with the certainty that the publication of the RECORD must result in placing there hundreds more, makes the columns of this journal the most desirable as well as the cheapest medium for obtaining tenders for the supply of either labor or construction materials.

For the information and guidance of contractors in tendering, we shall publish the names of persons to whom contracts of importance have been awarded, and when obtainable, the amounts of their tenders.

Manufacturers and dealers in building materials who are regular advertisers in the CANADIAN ARCHITECT AND BUILDER will have their names and addresses inserted regularly in the classified list appearing on another page.

As very few if any contracts of importance are likely to be put up to tender during the next two months, we shall not commence the regular publication of the CANADIAN CONTRACT RECORD until about 1st February. Meanwhile, we extend an invitation to those not already subscribers to the CANADIAN ARCHITECT AND BUILDER, to become such, in order that they may share in the advantages resulting from the publication of this Supplement.

WE ask the reader not to accept this number of the RECORD as a fair sample of future issues. Building operations have almost closed for the present year, consequently we have to report but few contracts open to tender. With the commencement of our regular weekly issue in February, we hope to present our readers with a much greater amount of information.

THE Hamilton Builders Exchange has for some time been to all intents and purposes defunct, no meeting having been held for many months. We are pleased to know, however, that an effort is being made by a few of the leading contractors of the city to infuse new life into the organization. Judging by the small attendance at a meeting called with that object a week ago, the task will be accomplished with some difficulty. Nothing short of a strike of workmen is apparently sufficient to arouse the interest of the majority of contractors in any organization designed for their benefit. We trust those who have the interests of the organization at heart will throw sufficient energy and enthusiasm into the work of re-suscitation to overcome all discouragements and obstacles in the way of that object.

Please mention the CANADIAN CONTRACT RECORD when corresponding with advertisers.



D 65765



CONTRACTS OPEN.

VICTORIA HARBOR, ONT.—A new hotel is to be erected here.

NANAIMO, B. C. Plans have been prepared for an \$8,000 brick hotel.

FREDERICTON, N. B.—D. W. Hogg & Co., are about to erect a new factory.

ST. LOUIS DU MILE END, QUE.—A system of water supply and drainage is to be adopted.

SHERBROOKE, QUE.—Messrs. G. H. Nichols & Co. will build additions to their smelting works.

WINNIPEG, MAN.—The Dominion Government is to be urged to erect immigrant sheds at once.

BUCKINGHAM, QUE.—The Government is being urged to erect a new customs and post office building here.

LONDON, ONT.—Steps are being taken by the St. George's Society for the erection of a St. George's Hall here.

WINNIPEG, MAN.—E. F. Hutchings, wholesale saddler, talks of erecting a solid four-story brick block in the spring.

ORILLIA.—It is proposed to erect a new post office here as soon as the question of a suitable site has been settled.

HUNTSVILLE, ONT.—Mr. Croker of Orillia, is preparing plans for a stone block of stores, for Mr. H. S. May, hardware merchant.

WEST TORONTO JUNCTION.—The Council want tenders for the erection of a fire hall. Address chairman fire, gas and police committee.

WINDSOR, ONT.—A new station for the C. P. R. is to be erected here. It will be built of random rubble stone, and have a tower 76 feet high.

VANCOUVER, B. C.—Ex Mayor Hendry and Mr. Beecher, both of New Westminster, will each erect handsome residences during the coming season.

KINGSTON, ONT.—The cutlers of this city intend building a skating and curling rink, to cost \$20,000.—The Methodists will build a new mission church on Pine street.

HULL, P. Q.—\$20,000 has been promised by the Quebec Government towards the erection of a new city hall and court house. This amount, with the \$15,000 voted by the city, will be sufficient to erect a suitable building.

ST. JOHN, N. B.—The St. John Dock and Harbor Improvement Company with a capital of \$1,000,000, are applying for incorporation. The company propose to construct one or more dry docks, together with wharves and warehouses.

PORT ARTHUR, ONT.—It is said to be the intention of a syndicate to erect a paper mill in this locality immediately.—A syndicate has purchased the Kakabeka Falls and land adjoining for electric light and manufacturing purposes. A large number of dwellings and business buildings are to be erected in the spring.

QUEBEC.—The City Council has purchased the site of the old Jesuit barracks from the Government for the erection thereon of a new City Hall. It is estimated that the building will cost \$200,000, and plans are to be immediately advertised for, three prizes being offered for best plans of \$1,500, \$1,000 and \$500 respectively.

GALT, ONT.—The Municipal Council are prepared to receive applications from constructors of water works up to December 26, 1889, for the supply of an adequate quantity of water for domestic and fire purposes, would also entertain bids for waterworks on the franchise system. Address Adam Cranston, Chairman Waterworks Committee.

TORONTO, ONT.—The following building permits have been issued from the office of the City Commissioner during the last week.—M. & H. Steele, two pairs 2 story and attic brick fronted dwellings, east side Ontario St., north of Queen St., cost \$5,000; F. Simpson pr. det. 2 story and attic bk. fronted dwellings, 31 and 33 Centre St., cost \$2,000; J. A. Carlaw, one story bk. add. rear 56 Bay St., cost \$1,500; Wm. Scott, 2 story and attic bk. dwelling, McDonald Ave., cost \$3,000.—The Young Women's Christian Association have purchased a frontage of 94 feet on Elm street, and intend to erect thereon immediately a building suitable for all their requirements.

MONTREAL, QUE.—The formation of a company to construct an elevated cable railway system is talked of.—Application is made for the incorporation of a company with a capital stock of half a million dollars, to erect a large theatre with hotel attached on the corner of St. James and Windsor Streets.—A majority of the property owners on St. James St. from the Grand Trunk depot to the western city limits have petitioned for the widening of the thoroughfare.—A movement is on foot with the object of constructing a dock at a cost of \$3,000,000, in the neighborhood of Holchaga.

CONTRACTS AWARDED.

BAIE ST. PAUL, P. Q.—Mr. W. Borthwick of Ottawa has been awarded the contract for a Government wharf here.

INGERSOLL, ONT.—The proposal of the Moffatt, Hodgkins & Clarke Co., to put in a system of waterworks has been accepted.

MONTREAL, QUE.—The contract for the construction of a steel bridge on the Intercolonial at Fraserville, which will cost from \$25,000 to \$30,000, has been awarded to Mr. F. F. Miller, of Montreal.

BARRIE, ONT.—Messrs. Bryan Bros. of Collingwood, have received the contract for the rebuilding of the Bank of Toronto Block. Another story is to be added to the building. Mr. Thos. Kennedy is the architect.

VICTORIA, B. C.—Messrs. Redon & Hartnagle, proprietors of the Dintard Hotel, report that work will soon be commenced upon their new hotel. It will be seven stories in height and have a frontage of 70 feet on View street, and will extend 120 feet on Broad street, and all its appointments will be thoroughly first-class.

USEFUL HINTS.

WATERPROOF WHITEWASH.—A waterproof whitewash is in use in Germany. The powder from three parts silicious rock (quartz), three parts broken marble and sandstone, two parts of burned porcelain clay, and two parts freshly slaked lime, still warm, are mixed together. This forms a silicate if often wetted, and becomes after awhile almost like stone. It is applied quite thickly to a wall or other surface and allowed to dry one day. The next day it is covered frequently with water, which makes it waterproof.

REMOVING PAINT FROM PAINTED SURFACES.—Four pounds of Irish moss, three pounds of methylated spirit, and three pounds of fuller's earth are mixed with 30 pounds of water, the whole boiled, and a solution of 16 pounds of caustic soda and 16 pounds of caustic potash dissolved in 28 pounds of water added, after which the product is stirred until it is cold and has solidified to a brownish gelatinous mass. The proportions of the ingredients may be varied. The compound is used by applying it to the painted surface with a brush, allowing it to remain thus for twenty minutes to an hour, and then washing it off together with the paint that has been disintegrated by its action.

OVERTHROWING A CHIMNEY.—By an ingenious method a chimney 120 feet high by ten feet square on the Gasnold mills property, New Bedford, Mass., was recently thrown down. It was underrived by knocking out the bricks on two sides and shored up by planks placed in the apertures. These planks were liberally strewed with tar and kerosene. When the time arrived for felling the chimney, the planks were set on fire. As they became sufficiently burned to support the chimney the mass settled out of the perpendicular, and then cracked and fell with a crash to the ground. The bricks at top were scattered over quite an area, but masses of brick for a length of two feet or more to the height of sixty or seventy feet clung together and did not break up.

A series of experiments recently made to ascertain what material was best for concrete pavement of cellars, demonstrated that hygienic cement, portland cement, Roman cement, plaster of Paris and plain lime mortar, stood in the order named. Plain mortar made of 1 part quick lime to 2 parts sand, offered practically no obstruction to the passage of subsoil gases, while the hygienic cement, and portland cement were practically impervious. Asphalt is the most perfect obstacle to the passage of such gases. A piece of hygienic cement which was taken up and broken after it had been laid in an exposed position 4 years, smelled strongly of the carbolic acid and other antiseptic matters with which it had been charged.

The most effectual plan of keeping upper stories under slated roofs cool in summer, says the London Building News, is to lay felt on boarding and then batten the latter for the slates, by which a circulation of air is established under the slates, and the felt is more likely to last than when it is placed close to the slates. If there is no ceiling one can be placed at a trifling expense by suspending slabs of fibrous plaster from the rafters of tie-beams if there are any. A circulation of air should be kept up in this space by apertures made in the outer walls, or, better still, by a tube carried up above the ridge upon which an exhaust or "air-pump-ventilator" can be fixed, by which means the heated air can be drawn off. Many private houses have rooms in the roof quite unendurable for sleeping or living in during the summer months; the heat of the lower rooms ascends, especially when gas is used, into the attics, added to which are the sun's rays on the roof, making these stories only useful for storage purposes.

Pri
1 1/2 and
1 1/2 and
1 x to a
1 x to a
1 x to a
1 x to a
1 x to a
1 x to a
1 inch c
1 inch c
1 inch c
1 inch c
1 inch c
1 inch c
1 inch c
Cull sc:
1 1/2 and
1 inch:
1 1/2 inc
1 1/2 inc
XXX
XX
Eastla
W
Eastla
W
Eastla
Eastla
Manit
50
Manit
Speci:
Speci:
Imitar
Mill c
Shipp
w
Shipp
Hem
"
Scant
Cutt
Dres
Pick
Thre
Ced:
Ced:
1 1/2
1 1/2 i
1 1/2
Hea
Clay
XX
Saw
Rec
Wh
Has
Chr
Wh
Cor
Go
Sev
Pre:
Pl:
Or
Stor
Co
La
Fc

Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.

1 1/2 and thicker clear picks, Am. ins.	\$30 00	32 00
1 1/2 and thicker, three uppers, Am. ins.		37 00
1 1/2 and thicker, pickings, Am. ins.		25 00
1 x to and 12 dressing and better.	18 00	20 00
1 x to and 12 mill run.	13 00	14 00
1 x to and 12 dressing.	14 00	15 00
1 x to and 12 common.	12 00	13 00
1 x to and 12 spruce culls.	10 00	11 00
1 x to and 12 maple culls.		9 00
1 inch clear and picks.	24 00	25 00
1 inch dressing and better.	18 00	20 00
1 inch siding, mill run.	14 00	15 00
1 inch siding, common.	11 00	12 00
1 inch siding, ship culls.	10 00	11 00
1 inch siding, mill culls.	8 00	9 00
Cull scantling.	8 00	9 00
1 1/2 and thicker cutting up plank	22 00	25 00
1 inch strips, 4 in. to 8 in. mill run.	14 00	15 00
1 inch strips, common.	11 00	12 00
1 1/2 inch flooring.	14 00	15 00
1 1/2 inch flooring.	14 00	15 00
XXX shingles, sawn.	\$2 20	25 25
XX shingles, sawn.	1 20	1 25
Eastlake galvanized steel shingles, 24 W.G., per square.		5 25
Eastlake galvanized steel shingles, 26 W.G., per square.		5 00
Eastlake painted steel shingles, per sq.		4 00
Eastlake painted steel siding, per sq.		3 50
Manitoba galvanized, steel siding, per square.		4 50
Manitoba painted steel siding, per sq.		3 50
Special galvanized steel siding, per sq.		4 50
Special painted steel siding, per sq.		3 50
Imitation brick siding, per square.		3 50

YARD QUOTATIONS.

Mill cull boards and scantling.		10 00
Shipping cull boards, promiscuous widths.		13 00
Shipping cull boards, stocks.		14 00
Hemlock cantling and joist up to 16 ft.	11 00	12 00
" " " " " " " "	18 00	13 00
" " " " " " " "	20 00	14 00
Scantling and joist, up to 16 ft.		15 00
" " " " " " " "		18 00
" " " " " " " "		20 00
" " " " " " " "		22 00
" " " " " " " "		24 00
" " " " " " " "		26 00
" " " " " " " "		28 00
" " " " " " " "		30 00
" " " " " " " "		32 00
" " " " " " " "		34 00
" " " " " " " "		36 00
" " " " " " " "		38 00
" " " " " " " "		40 00
Cutting up planks, 1 1/2 and thicker, dry	25 00	26 00
" " " " " " " " board.	18 00	22 00
Dressing stocks.	16 00	22 00
Picks, American inspection.		40 00
Three uppers, American inspection.		50 00
Cedar for block paving, per cord.		5 00
Cedar for Kerbing, 4 x 14, per M.		14 00

B. S.

1 1/2 inch flooring, dressed, F. M.	28 00	32 00
1 1/2 inch flooring rough, B. M.	18 00	22 00
1 1/2 " " " " " " " "	25 00	28 00
1 1/2 " " " " " " " "	18 00	19 00
" " " " " " " "	18 00	22 00
" " " " " " " "	12 00	15 00
Headed sheeting, dressed.	22 00	35 00
Clapboarding, dressed.		12 00
XXX sawn shingles, per M, 16 in	2 65	2 75
Sawn lath.	2 00	2 20
Red oak.	30 00	40 00
White.	35 00	45 00
Hasswood, No. 1 and 2.	18 00	20 05
Cherry, No. 1 and 2.	70 00	70 00
White ash, No. 1 and 2.	25 00	25 00
Black ash, No. 1 and 2.	20 00	30 00

BRICK—F. M.

Common Walling	\$ 7 50
Good Facing	10 00
Sewer	9 50

Pressed Brick:

Plain brick, f. o. b. at Milton, per M.	\$18 00
" " " " " " " " and quality, per M.	13 00
Ornamental brick, at Milton, per 100	\$3 10 10 00

Stone:

Common Rubble, Rer Toise, delivered	14 00
Large flat " " "	18 00
Foundation Blocks, " Cubic Foot.	35

Slate: Roofing (P square).

" " " " " " " "	16 00
" " " " " " " "	16 00
" " " " " " " "	10 00
" " " " " " " "	7 50

Band:

Per Load of 1 1/2 Cubic Yards 1 25

PAINTS. (In oil, P lb.)

White lead, Can.	6	7 50
" " " " " " " "	6 1/2	8 50
Red lead, Eng.	5 1/2	6 7 1/2
" " " " " " " "	6 1/2	1 1/2
" " " " " " " "	30	00
" " " " " " " "	10	12
Yellow ochre.	6 1/2	12
Yellow chrome.	15	25
Green, chrome.	7	12
" " " " " " " "	1 1/2	40
Black, lamp.	1 1/2	25
Blue, ultramarine	1 1/2	25
Oil, linseed, raw (1 imp. gallon).	62	65
" " " " " " " "	65	67
" " " " " " " "	7 1/2	2 1/2
Putty.	75	1 00
Whiting, dry.	70	1 25
Paris white Eng., dry	10	5
Litharge, Am.	15	20
Stenna, burnt.	8	12 1/2
Umber,		

CEMENT, LIME, etc.

Lime, Per Barrel of 2 bushels, Grey.	35
" " " " " " " "	55
Plaster, Calcined, New Brunswick	2 00
" " " " " " " "	2 00
Hair, Plasterers', per bag	1 00
Cement, Portland, per bbl	3 25
" " " " " " " "	1 50
" " " " " " " "	1 50
" " " " " " " "	1 50

HARDWARE.

Cut Nails:	
American Pattern, 1 1/2 inch, per keg	4 25
" " " " " " " "	3 50
Canadian Pattern, 1 1/2 inch, per keg	3 75
" " " " " " " "	1 15
" " " " " " " "	3 25
" " " " " " " "	3 00
" " " " " " " "	2 75
Steel nails, 10c. per keg extra.	
Finishing nails, 1 inch, per keg	5 50
" " " " " " " "	5 10
" " " " " " " "	4 25
" " " " " " " "	4 50
" " " " " " " "	4 10

MONTREAL PRICES.

Lumber, Etc.	
Ash, 1 to 4 in., M.	\$13 00
Birch, 1 to 4 in., M.	15 00
Hasswood.	14 00
Walnut, per M.	50 00
Butternut, per M.	22 00
Cedar, flat.	00 06
Cherry, per M.	60 00
Elm, Soft, 1st.	15 00
Elm, Rock.	25 00
Maple, hard, M.	20 00
Maple, Soft.	16 00
Oak, M.	40 00
Pine, select, M.	35 00
Pine, 2nd quality, M.	20 00
Shipping Culls.	13 00
Mill Culls.	8 00
Lath, M.	1 50
Spruce, 1 to 2 inch, M.	10 00
Spruce Culls.	4 50
Shingles, 1st quality.	2 00
" " " " " " " "	1 25

Cement, etc.

Portland Cement, per barrel	\$ 2 50
Roman	2 50
Fire Bricks, per M	20 00

Cut Nails:

Hot-cut Am. or Can. pattern, 3 inch and above	2 65
Hot-cut Am. or Can. pattern, 2 1/2 inch and above	2 90
Hot-cut Am. or Can. pattern, 2 1/4 and 2 inch.	3 15
Am. pattern, 1 1/2 and 1 3/4 inch hot-cut	3 40
" " " " " " " "	4 15
Can. Pattern, cold-cut, 1 1/2 and 1 3/4 inch	3 15
" " " " " " " "	3 65
Finishing Nails, per 100 lb. keg, 1 1/2	75
Finishing Nails, per 100 lb. keg, 1 1/4	75
and 1 1/2 inch	75
Finishing Nails, per 100 lb. keg, 2 inch and up.	Hot-Cut Nails.

Patents, etc.

White Lead, pure, 25 to 100 lb. kegs.	6 25	6 50
" " " " " " " "	5 25	5 50
" " " " " " " "	4 50	5 00
" " " " " " " "	4 00	4 50
" " " " " " " "	5 25	5 75
Venetian Red, English	1 50	1 75
Yellow Ochre, French	1 25	1 00
Whiting, London, washed	0 50	0 25
" " " " " " " "	1 15	1 15

Oils:

Linseed, raw	0 64	0 67
" " " " " " " "	0 66	0 67
Olive, pure	1 10	1 15
" " " " " " " "	1 30	1 25
" " " " " " " "	2 50	2 60
" " " " " " " "	2 75	3 15
Spirits turpentine	0 70	0 70



SEALED TENDERS, addressed to the undersigned, and endorsed "Tender for Hot Water Heating Apparatus, Brampton, Ont." will be received until Wednesday, 18th December next, for the construction of a Hot Water Heating Apparatus at the Brampton, Ont. Post Office Building.

Plans and specifications can be seen and form of tender and all necessary information obtained at this Department and at the Clerk of Works' Office, Brampton, Ont., after Wednesday, 4th December next.

Persons tendering are notified that tenders will not be considered unless made on the printed form supplied, and signed with their actual signatures.

Each tender must be accompanied by a *accepted* bank cheque made payable to the order of the Honorable the Minister of Public Works, equal to 1 per cent. of the amount of the tender, which will be forfeited if the party declines to enter into a contract when called upon to do so, or if he fails to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department will not be bound to accept the lowest or any tender.

By order, A. GOBELI, Secretary.

Department of Public Works, Ottawa, 3th Nov., 1889.



Notice to Contractors

TENDERS will be received by registered post, addressed to the Chairman of the Committee on Works, up to 12 o'clock noon of the 3rd day of December, 1889, for the construction of the following works, viz:

SEWERS—Markham street, Bloor street to London street; St. Lawrence street, King street to Eastern avenue; Bloor street, Dufferin street to Dundas street.

Plans can be seen and forms of tender obtained on and after the 26th inst. at the City Engineer's office.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent on the value of the work tendered for under \$1,000 and 2 1/2 per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained.

All tenders must bear the *bona fide* signatures of the contractor and his sureties (see specification), or they will be ruled out as informal.

The committee do not bind themselves to accept the lowest or any tender.

WM. CARLYLE, Chairman Committee on Works.

Committee Room, Toronto, Nov. 19, 1889

INDEX TO ADVERTISEMENTS

IN THE CANADIAN ARCHITECT AND BUILDER.

ARCHITECTS. Page
 Directory III

ARCHITECTURAL IRON WORK.
 Barnum Wire & Iron Works, I
 Cowan, W. W. II
 Clendinning & Son, W. IV
 Ives & Co., H. R. I

ARCHITECTURAL SCULPTORS.
 Beaumont, H. III
 Gullet, F. B. III
 Hicks, W. Stevens, III
 Holbrook & Mollington, II
 Turner, Frederic III

ARCHITECTURAL STONE WORK.
 J. B. Stringer & Co., VI

ART FURNITURE.
 Wright & Co., 130

BRASS WORKS.
 Mitchell & Co., Robt. IV

BRICKS (PRESSED).
 Hynes Terra Cotta & Brick Co., VI
 Savage, R. D. II
 Toronto Pressed Brick & Terra Cotta Co., II

BRIDGE WORKS.
 W. W. Cowan, II

BUILDERS' SUPPLIES.
 Hall & Son, I
 McNally & Co., II
 Rathbun Co., VI

BUILDING STONE.
 Lyall, Peter I
 Oakley, Geo. III
 Rathbun Co., VI
 Savage, R. D. II

BUILDERS' HARDWARE.
 Aikenhead & Crombie, VII
 Rice, Lewis & Son, IV

CARPENTERS AND BUILDERS.
 Davidson & Kelly, IX
 Lyall, Peter, I
 Simpson, Wm., IX

CEMENTS.
 Carroll, Robert, IV
 McNally & Co., Wm., II
 McRae & Co., III
 Rathbun Co., VI
 Savage, R. D., II
 Terry, Edward, IV

CREOSOTE STAINS.
 Cabot, Samuel, VI

DUMB WAITERS.
 King & Son, Warden, VII

ELECTRIC BELLS. Page
 Galvanic Battery Works, VIII

ELEVATORS.
 Miller Bros. & Toms, VIII

ENGRAVERS.
 Armstrong Photo-Eng. Co., III
 Canadian Photo-Eng. Bureau
 Laidlaw, R., III
 Toronto Engraving Co., III

FOOT POWER MACHINERY.
 Barnes Co., W. F. & J., IX

FURNACES.
 Burrow, Stewart & Milne, VII
 Clare Bros. & Co., VII

Copp Bros., V
 Laidlaw Mfg. Co., V
 Pease Furnace Co., V
 Toronto Furnace Co., VII
 Williams & Co., J. M., V

GALVANIZED IRON WORKS.
 Baird Bros., I
 Can. Galvanizing & Steel Roofing Co., I
 Ormsby, A. B., I
 Rennie & Son, R., IX

GRANOLITHIC.
 Forsyth, Robert, II

HEATING.
 Clendinning & Son, W., IV
 Garth & Co., VII
 Gurney Co., E. & C., V
 McDougall & Co., R., VI
 Toronto Radiator Mfg Co., VI
 King & Son, Warden, VII

LEAD PIPE.
 Thos. Robertson & Co., IV

LEGAL.
 Denton & Dods, V

MANTELS AND OVERMANTELS.
 Tait & Co., III
 Wright & Co., 130

METAL SHINGLES AND ROOFING.
 Baird Bros., I
 Can. Galvanizing & Steel Roofing Co., I
 Metallic Roofing Co., II

MINERAL WOOL.
 Gast & Melleson, II
 Savage, R. D., II

OFFICE AND SCHOOL FURNITURE.
 Canadian Office & School Furniture Co., 131

ORNAMENTAL PLASTERERS.
 Baker, J. D., V
 Balmer, Philip, V
 Hynes, W. J., I
 Wright, Jas., V

PAINTERS.
 Gilmer, R. A., IX

PAINTS, VARNISHES, &c. Page
 Andrew, Murhead, VI

PIANOS.
 Mason & Risch, 152

PLATE GLASS.
 McCausland & Son, VII
 Toronto Plate Glass Importing Co., IX

PLUMBERS.
 Bennett & Wright, IX

PLUMBING SUPPLIES.
 Higman, O., IX
 Keith & Fitzsimons, VIII
 Robertson & Co., Thos., IV

ROOFERS AND ROOFING MATERIALS.
 Can. Galvanizing & Slate Roofing Co., I
 Merchant & Co., VI
 Metallic Roofing Co., I
 Rennie & Son, R., IX

SANITARY APPLIANCES.
 Booth & Son, II
 Higman, O., IX

SEWER PIPE.
 Buffalo Sewer Pipe Co., IV
 Carroll, Robert, IV
 Hamilton and Toronto Sewer Pipe Co., IV
 McNally & Co., Wm., II
 McRae & Co., III
 Terry, Edward, IV

SHINGLE STAINS.
 Cabot, Samuel, VI

SKYLIGHTS, &c.
 Baird Bros., V

SLIDING BLINDS.
 Clatworthy, Geo., VII

STABLE FITTINGS.
 Clendinning & Son, W., IV
 Fisdale Co., B. G., V

STAINED AND DECORATIVE GLASS.
 Bell Art Stained Glass Works, VII
 Castle & Son, IX
 Dominion Stained Glass Co., IV
 Longhurst & Co., H., II
 McCausland & Son, VII

TERRA COTTA.
 Hynes Terra Cotta & Brick Co., VI
 Rathbun Co., VI
 Toronto Pressed Brick & Terra Cotta Co., II

WALL PAPER AND CEILING DECORATIONS.
 Staunton & Co., M., I

WALL PLASTER.
 Adamant Mfg. Co., VI

TENDERS WANTED

For all works in connection with erection of pair semi-detached brick houses on O'Sington Ave. Tenders received up to 12 o'clock, Dec. 7.
 The lowest or any tender not necessarily accepted.
 ROBT OGLIVIE, Architect,
 Room 12, No. 9 1/2 Adelaide St. East.

TENDERS.

Tenders wanted for the whole of the work of pair semi-detached house on Madison Ave. Tenders close Dec. 10th, 1889. The lowest or any tender not necessarily accepted.
 ROBT. OGLIVIE, Architect,
 9 1/2 Adelaide St. East, Toronto.

TENDERS

Will be received up to SATURDAY, the 4th December inst., for the erection of
FOUR BRICK STORES AND HOTEL
 On Dundas Street. Plans may be seen at my office, 18 King Street West.
 ARTHUR R. DENISON,
 Architect.



SEALED TENDERS addressed to the undersigned, and endorsed "Tender for Vault," will be received until Thursday, the 5th day of December, inclusively, for the construction of an Iron and Steel Vault in the Eastern Departmental Building, Ottawa, according to a specification to be seen at the Department of Public Works, Ottawa.

An accepted bank cheque payable to the order of the Minister of Public Works, equal to five per cent. of amount of tender, must accompany each tender. This cheque will be forfeited if the party decline the contract, or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

The Department does not bind itself to accept the lowest or any tender.

By order,
 A GOBEIL,
 Secretary.

Department of Public Works,
 Ottawa, 14th Nov., 1889.