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CANADIAN CONTRACT RECORD

A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TENDER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, A DIRECT MEDIUM OF COMMUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

Vol. 2.

Toronto and Montreal, Canada, August 22, 1891.

No. 28

THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information and Public Works,

PUBLISHED EVERY SATURDAY

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

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64 Temple Building, Montreal.
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Information solicited from any part of the Dominion regarding contracts open to tender.

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 all settlements for Tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, 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."

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.

TO PAINTERS.

Bids for Painting the Iron work of the Bridge over the Rouge River on the Kingston Road will be received by the undersigned up to Wednesday, the 26th of the present month, at noon.

Particulars can be seen at my office.

JOHN T. STOKES,

County Engineer.

County Engineer's office,

Court House, Toronto, Aug. 15, 1891.

TO EXCAVATORS.

Tenders will be received by the undersigned until the 28th INST. for the necessary excavation work for basement, trenches of walls, etc., etc., in connection with the erection of the TORONTO ATHLETIC CLUB BUILDING, College avenue, near Queen street avenue, on the east side of the lot known as "Sleepy Hollow."

Plans can be seen, and all other information can be had by applying at the office of the architect. Tenders to be given per cubic yard. The lowest or any tender not necessarily accepted.

E. J. LENNOX, Architect.

August 14, 1891.

TENDERS

Will be received until 3 p.m. FRIDAY, 28th INST., for a Brick Dwelling House and an addition to an adjoining one.

LANGLEY & BURKE, Architects,
Canada Life Building.

TENDERS

Will be received up to the 31st INST. for the several trades required in the erection of

TWO HOUSES ON GUY STREET.

J. A. PROUDFOOT & BLUMAN, Architect,
156 St. James Street, Montreal.

PROPOSALS FOR ELECTRIC LIGHT FOR THE CITY OF KINGSTON.

Sealed proposals for lighting the streets of the city of Kingston with Electric Light will be received up till noon of the 31st OF AUGUST INST.

Specifications and particulars can be obtained by applying to the City Engineer, Kingston, Ont. The lowest or any tender not necessarily accepted.

JOHN McCAMMON,

Chairman Com. Fire, Water and Light,
Kingston, Aug. 15, 1891.

TENDERS

Will be received by the undersigned up to MONDAY, 31st OF AUGUST, for the

Carpenter and Joiner Work, Painting and Glazing, Plastering and

Plumbing and Heating

required in the erection of a Building for the Bell Telephone Company.

The lowest or any tender not necessarily accepted.

DARLING, CURRY & CO.,

Mail Building.



Notice to Contractors.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till Eleven o'clock a.m. on FRIDAY, SEPTEMBER 4, 1891, for the following works

CEDAR BLOCK PAVEMENTS:

Dupont Street, from Manning avenue to Bathurst Street.

Delaware avenue, from Bloor Street to Union Street.

Plans can be seen and forms of tender obtained on and after August 28th 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 2½ 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 specifications), or they will be ruled out as informal.

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

JOHN SHAW,

Chairman Committee on Works,
Committee Rooms, Toronto, August 21, 1891.

FIRE TESTS OF PLASTER BOARDS.

In a recent number of the *Centralblatt der Bauverwaltung* was a description of some fire tests of plaster boards conducted last March at the Royal Testing Bureau for Structural Material at Charlottenburg. These boards, which are also manufactured in the United States, were described in *Engineering News* of April 12, 1890. According to the above paper, two models of houses, the dimensions of which are not given, were constructed with walls and ceilings of Mack's plaster boards. The plastering on the inner surface of the boards was only about 0.4 in. thick. In order to determine the temperature, different metals and alloys were placed in crucibles within these houses, the tests being made with (1) aluminum melting at 620 C., (2) an alloy of 800 parts of silver and 200 of copper melting at 850 C., (3) an alloy of 950 parts silver and 50 of copper melting at 900 C., and (4) an alloy of 950 parts of silver and 50 of platinum melting at 1,100 C.

Within each house was piled about 225 lbs. of split fir, soaked with kerosene. Both fires were started simultaneously and maintained in the same condition as nearly as possible. At first no change in the houses could be detected, but after 30 minutes a few small cracks appeared in the joints, which had become slightly warm to the hand, although no change in the temperature of the plaster boards was perceptible. These cracks were probably due to the moisture in the joints, which were fresh, having been made just before the tests.

In one of the houses a portion of the plaster finish of the ceiling fell after the fire had been burning 35 minutes, which was probably due to the smooth surface of the plaster boards and the very short time that the ceiling had to dry before being tested. At the end of 35 minutes more the fires were extinguished, and the plaster beams, which were nearly 4 feet long between supports, were found to be uninjured, although large stones had been thrown against them and they had been subjected to the weight of a heavy man walking over their surface. Moreover, sheets of writing paper and pieces of lace curtain which were hung on the outside of the houses remained unchanged in any way. After the fire had been extinguished it was found that the temperature had been over 1,000° C, since the first three alloys were melted, and the fourth only very slightly affected.

CONTRACTS OPEN.

NORWOOD, ONT.—Improvements will be made to the High School.

MARKHAM, ONT.—The erection of a High School is in contemplation.

RENFREW, ONT.—The subject of increased fire protection is under consideration.

BROCKVILLE, ONT.—Mr. G. A. McMullen will erect a cottage at Union Park.

INTERNATIONAL BRIDGE, ONT.—A Presbyterian Church will be erected this fall.

MOUNT FOREST, ONT.—Mr. Greenside, of Mitchell, is about to erect a saw mill here.

VANCOUVER, B. C.—The City Council has selected a site for the erection of a crematory.

BRANTFORD, ONT.—An annex is to be built to the hospital as a memorial to the late Sir John Macdonald.

PORT ARTHUR, ONT.—A project is on foot to construct a street railway from Port Arthur to Fort William.

STRATFORD, ONT.—The congregation of St. James Church have decided to erect a \$5,000 Sunday school building.

ROCKPORT, ONT.—Archbishop Cleary was in town recently selecting a site for the erection of a Roman Catholic Church.

MOOSOMIN, N. W. T.—The Moosomin Elevator Company has been formed, and will erect an elevator, at a cost of \$8,000.

SIMCOE, ONT.—A by-law has been carried authorizing the borrowing of \$3,000 for the erection of a market building.

ARNPRIOR, ONT.—Recent fires have determined the citizens to secure the construction of waterworks for the town.

SUTTON WEST, ONT.—The Council of the Township of Georgina propose to expend \$1,400 in the construction of drains.

KILLARNEY, MAN.—A by-law has been carried by the ratepayers granting the sum of \$4,000 for the erection of a grist mill.

WINDSOR, ONT.—Vollans Bros. have commenced excavating, preparatory to the erection of a new brick flour mill, 40x65 feet, four stories.

AUSTIN, MAN.—The School Board have purchased a site on Main street for the erection of a new school building. Tenders will be called shortly.

ELKHORN, MAN.—The ratepayers have decided to erect a new school building.—The Atkinson Milling Co. will shortly enlarge their grain warehouse.

WILKESPORT, ONT.—Mr. Orta Bishop, Clerk of Sombra township, will receive tenders until the 29th inst. for the construction of certain drains in said township.

HOUGHTON CENTRE, ONT.—Mr. A. C. Sharpley invites tenders until 3:30 o'clock p.m. on the 25th inst for the erection of a new town hall for Houghton township.

SPRINGHILL, N. S.—Rev. Father Egan has approved of the plans of Mr. Dumaresq, of Halifax, for a Roman Catholic Church. The estimated cost is \$10,500.

VICTORIA, B. C.—At a meeting of the city council held recently, it was decided to introduce a by-law authorizing the raising of \$50,000 for the erection of a University.

SHERBROOKE, QUE.—The council has passed the by-law granting the sum of \$25,000 as a bonus to the Jenckes Machine Company for the erection of additional buildings.

WHITBY, ONT.—At a meeting of citizens held recently it was decided to develop the natural gas fields. The first well will be sunk before Christmas at an expense of \$10,000.

HALIFAX, N. S.—The City Engineer has recommended concrete sidewalks on Granville and Hollis streets.—The City Engineer has been instructed to furnish an estimate of the cost of extending the mouths of all the sewers to a point in the harbor below low water line.

ST. JOHNS, QUE.—At a recent meeting of the directors of the proposed St. Johns & Sorel Railway, it was decided to prepare petitions to present to the Quebec Legislature asking assistance.

WIARTON, ONT.—T. D. Galloway, Town Clerk, will receive tenders until 1st Sept. for the extension of the water works system. Plans and specifications to be seen at the Reeve's office.

BERLIN, ONT.—It is reported that an American company will erect a dam across the Grand river above Freeport for the purpose of forming an artificial lake and summer resort. An observatory will be built in connection with the scheme.

PETERBORO', ONT.—Mr. Cox has decided to erect some fine residences in the west end.—The 'y-law granting a bonus to the Patterson-Corbin Company, of St. Catharines, for the establishment of their car works here, was carried by the ratepayers recently.

OWEN SOUND, ONT.—It is proposed to expend \$5,000 in the extension of the water system.—The purchase of a site of seven acres for a public hospital has been recommended, and the trustees instructed to at once obtain plans for a building to cost not more than \$8,000.

KINGSTON, ONT.—Mr. B. A. Brooks, of Brooklyn, N. Y., has purchased a lot on East Coast Avenue, Thousand Island Park, and will erect a handsome cottage thereon.—The sum of \$1,025 has been subscribed towards the erection of a chapel at Westminster Park.

ST. JOHN, N. B.—The sum of \$20,000 is to be raised by the issue of debentures for paving Main street; also \$5,000 for water extension, and \$1,000 for sewer on main street.—The Board of Works has recommended the construction of sewers on Adelaide Road, Victoria, Metcalf, Sydney and Bridge streets.

SARNIA, ONT.—Mr. James King will shortly commence the erection of a grain elevator.—Sir Henry Tyler, president of the G.T.R., states that another tunnel will be constructed similar to the St. Clair tunnel.—A by-law has been introduced and read a first time in the town council, to extend the water service.

QUEBEC—The Quebec Central Railway Company will construct an iron bridge on the Etchemin river.—Financial arrangements are said to have been made in Europe that will insure the early completion of the Great Northwestern Railway of Manitoba and the Montreal and Ottawa, the new short line between those two cities.

OTTAWA, ONT.—The City Council has decided to expend the sum of \$20,000 on street improvements.—The bill respecting the Winnipeg & Hudson Bay Railway has been passed through committee. It provides that the company shall not construct said railway south of the Saskatchewan river, until approved of by the Governor-in-Council.

GUELPH, ONT.—The Board of Works have decided to construct permanent sidewalks on Macdonald and Norfolk streets, and should the test prove satisfactory, similar sidewalks will be constructed on all the principal streets.—The Waterworks Committee are considering the advisability of laying another water main from the waterworks to the corner of Ontario and Queen streets, at a cost of about \$5,000.

WINNIPEG, MAN.—The City Engineer has submitted a report to the city council of a scheme for the utilization of the water power of the Assiniboine river for manufacturing purposes, etc. The construction of works, etc., will entail an outlay of about \$500,000.—A petition has been forwarded to Ottawa asking that a grant of land be given to assist the construction of the Manitoba and Assiniboine Grand Junction railway.

MONTREAL, QUE.—A large summer hotel is to be erected at St. Rose, near the C.P.R. station.—A new theatre, to be known as the Grand Opera House, is to be erected at the corner of Craig and Alexander streets. The building will cost about \$210,000.—David Rolland, Secretary-Treasurer of Cote St. Antoine, invites tenders for

the construction of a stone bridge under the A. & N. W. Railway at the Glen, till Thursday, 27th inst. Plans and specifications can be seen at the corporation office, St. Antoine.

TORONTO, ONT.—The committee of the Female Industrial School have made the final arrangements for the purchase of the site for the erection of their proposed building and work will be commenced shortly.—Building permits have been granted as follows: William White, three pr. s. d. and one det. 2-storey and attic bk. dwellings, cor. Boswell Ave. and Avenue Rd., cost \$11,200; R. J. Griffith, alterations and additions to 627 Jarvis St., cost \$3,000; Messrs. Robertson Bros., 4-storey bk. warehouse, 115 Queen St. e., cost \$8,000; E. Rose, pr. s. d. 2-storey bk. dwellings, e. side Dovercourt Rd., s. of Queen St., cost \$3,600; Consumers' Gas Co., alterations, cor. Parliament and Front Sts., cost \$1,500; Daniel Glynn, 2-storey and attic b. f. dwelling, 36 Ossington Ave., cost \$1,400; J. Singer, alterations 403-5 Parliament St., cost \$1,100; E. A. Grant, 2-storey and mansard bk. dwelling, 24 Division St., cost \$1,200; Rogers Bros., pr. s. d. 2-storey and attic bk. dwellings, e. side Spadina Ave., s. of Washington Ave., cost \$6,500; R. W. Abell, 2-storey and attic bk. dwelling, e. side McGee St., s. of Queen, cost \$2,000.

CONTRACTS AWARDED.

ESSEX, ONT.—The contract for the construction of water works has been given to Messrs. Garson & Purser, of Galt, Ont., at the price of \$19,680.

GALT, ONT.—The C.P.R. has let the contract for the construction of the subway under their tracks in this town to Mr. D. Chalmers, Toronto Junction.

INTERCOLONIAL BRIDGE, ONT.—Mr. Cutler, of Welland, is understood to have been given the contract for the erection of new school buildings to cost \$8,300.

BRANDON, MAN.—The contract for the erection of the new central school has been awarded to Messrs. Miller & Patterson, at the contract price of \$30,000.

CHATHAM, ONT.—The county council of Kent has accepted the tender of Messrs. G. & J. Brown, of Belleville, for the erection of a bridge over Jeneatte's creek, at the price of \$5,500.

WOODSTOCK, ONT.—The tenders of the following persons have been accepted for the construction of a new waterworks system: Construction of pumping house, Thos. McClay, Woodstock; pumps, Hughes Bros., Cleveland; valves, R. Whitelaw, Woodstock, hydrants, Stevens, Turner & Burns, London; conduit pipe, McIntosh & Griffiths, Woodstock; excavations, McKay & Rapson, Woodstock. The work will be proceeded with at once.

PAINTING ZINC AND GALVANIZED IRON.—Zinc needs some preparation to roughen it so that paint will adhere to it. Here is a recipe for a wash that will be found to answer the purpose well, although there are many in use that may be just as good: To sixty-four parts of water add one part of chloride of copper, one part nitrate of copper, one of sal ammoniac, and one part of commercial hydrochloric acid. The zinc should be brushed over with this and left for twenty-four hours before painting. White lead should be avoided for first coating. Galvanized-iron is iron plated over with zinc; as it is already rough enough it is not necessary to use the above wash. White lead should not be used over it as a primer, as it will not stand. Red lead will again be found just the thing for that purpose, and next to it oxide of zinc.—F. Maire in *Painting and Decorating*.

PORTLAND CEMENT AS A SUBSTITUTE FOR STONE.

Cement is rapidly superseding the use of stone for all building purposes, as the advantages over the latter are various, inasmuch as it can be conformed to any shape or space, is readily transported, and almost as speedily constructed; the only great obstacle is quality, this being such an important feature that the strength of each barrel may in a measure determine the strength of that portion of the work where it is used.

The quality of the material to be compounded with the cement is of vital importance; the materials that give the best results are those that are hard and angular and perfectly free from dirt or earthy matter. The writer believes that crushed granite is likely to give the best results, as it presents a rigid surface and possesses a peculiar affinity for the cement mortar.

There are various methods and machinery for ascertaining the quality of cement, but it is not so simple an undertaking as it is sometimes thought to be; no small degree of experience is necessary before one can manipulate the materials so as to obtain approximately accurate results. The test for tensile strength on a sectional area of one square inch seems to be the best; where the briquettes are small, there is less danger of air bubbles and the amount of material requisite is smaller. The tensile strength, if properly made, is a good one, though not a perfect indication of the value. The time necessary for making this cement is lengthy. For this reason short tests are made in cases of necessity; under the circumstances it would be well to introduce the tests for checking and for fineness. The strength of a cement depends greatly upon the fineness to which it is ground, especially when it is to be incorporated with a large amount of sand. Cement to be of the average fineness, that not more than 10 per cent. should be rejected by a sieve of 2,500 meshes per square inch. The finer the cement, if otherwise good, the larger quantity of sand it will take, and the greater its value.

The test for cracking or checking, though simple, should not be omitted; make several cakes of neat cement 3 inches in diameter, from 1/2 to 3/4 inch in thickness; flatten out into thin edges; when hard enough put into water. These cakes should be carefully examined from day to day, to see if cracks show themselves at the edges; these cracks indicate that the cement is unfit for use at that age. These cracks may be caused by too much unslacked lime, and will disappear with age, the color being a substantial indication. One of the cakes can be kept in the air and its color observed, which should be uniform throughout; yellow-

ish blotches indicate a poor quality. Portland cement should be of a bluish gray color.—Warner H. Jenkins in the Builders' Magazine.

HOW TO DRAW NAILS OR SPIKES.—When a nail or spike has been driven into a live tree, or into timber, after a year or more the fibres of the wood will have contracted so tightly about the metal that it will be exceedingly difficult to withdraw the iron. But, strike a nail or spike a sharp blow with a hammer, and drive it in a trifle so as to break the fibres around the metal, and a nail can be withdrawn with only a little force. Iron gate hinges are frequently driven into a living tree. When one is not in possession of a strong claw bar, bore a hole close to the hinge on the under side, and the hinge can be easily crowded down into the hole and withdrawn. When a large nail has been driven head and all beyond the surface of the timber, bore a hole close to the nail, and with a nail set crowd the nail into the hole. When nails have become rusty, they will usually break in two, leaving a portion of the iron in the timber. But, strike a rusty nail a sharp blow, and one can sometimes withdraw it with his fingers. In tearing down an old building, if it is desirable to take off the boards or casings without splitting them, place a nail set on the head of each nail, and with the hammer start it inward about the eighth of an inch. One blow will break the hold of the nail so that most of the nails will come out when the boards are driven off.—World's Progress.

Prices of Building Materials.

LUMBER.

CAN OR CARGO LOTS.

Table listing lumber prices including items like 1 1/2 inch thicker clear picks, Am. ins., 1 1/2 inch thicker, three uppers, Am. ins., 1 1/2 inch thicker, picks, Am. ins., etc.

Metallic Roofing Co. of Canada:

Table listing metallic roofing prices including Eastlake steel shingles (galvanized), Eastlake steel shingles (painted), Improved Broad Rib Roofing, etc.

Canada Galvanizing & Steel Roofing Co.:

Table listing galvanizing and steel roofing prices including Corrugated Iron, galvanized, 26 W.G., Improved Broad Rib Roofing, etc.

YARD QUOTATIONS.

Table listing yard quotations for materials like Mill cull boards and scantling, Shipping cull boards, promiscuous, etc.

Table listing prices for various types of flooring and shingles, including 1 1/2 inch flooring, dressed, F. M., 1 1/2 inch flooring rough, B. M., etc.

BRICK—M

Table listing brick prices including Common Walling, Good Facing, Sewer, etc.

Pressed Brick

Table listing pressed brick prices including Plain brick, f. o. b. at Milton, per M., 2nd quality, per M., etc.

First quality, f. o. b. at Campbellville, per M

Table listing first quality brick prices including 2nd, 3rd, Ornamental, per 100, etc.

Stone.

Table listing stone prices including Common Rubble, Per Tonne, delivered, Large flat, Foundation Blocks, etc.

Slate: Roofing (per square).

Table listing slate prices including red, purple, untinting green, black slate, Terra Cotta Tile, etc.

Sand:

Table listing sand prices including Per Load of 1 1/2 Cubic Yards.

PAINTS. (In oil, per lb.)

Table listing paint prices including White lead, Can., zinc, Can., Red lead, Eng., venetian, vermilion, Indian, Eng., Yellow ochre, Yellow chrome, Green, chrome, Paris, Black, lamp, Blue, ultramarine, Oil, linseed, raw, boiled, refined, Putty, Whiting, dry, Paris white, Eng., dry, Litharge, Am., Sienna, burnt, Umber.

CEMENT, LIME, etc.

Table listing cement and lime prices including Lime, Per Barrel of 2 bushels, Grey, White, Plasier, Calcined, New Brunswick, Nova Scotia, Hair, Plasterers, per bag, Cement, Portland, per bbl., Thorold, Queenston, Napance, Hull.

HARDWARE.

Table listing hardware prices including Cut Nails: American Pattern, 1 1/2 inch, per keg, 1 1/2 to 1 3/4 inch, per keg, Canadian Pattern, 1 1/2 inch, per keg, etc.

MONTREAL PRICES.

Lumber, Etc.	
Ash, 1 to 4 in., M.	\$13 00 @ 18 00
Birch, 1 to 4 inch, M.	15 00 15 00
Basswood.	12 00 20 00
Walnut, per M.	50 00 100 00
Butternut, per M.	22 00 40 00
Cedar, flat.	00 04 00 06
Cherry, per M.	60 00 80 00
Elm, Soft, 1st.	15 00 17 00
Elm, Rock.	25 00 30 00
Maple, hard, M.	20 00 21 00
Maple, Soft.	16 00 18 00
Oak, M.	40 00 100 00
Pine, select, M.	35 00 40 00
Pine, 2nd quality, M.	22 00 25 00
Shipping Culls.	13 00 16 00
Mill Culls.	8 00 10 00
Lath, M.	1 50 1 99
Spruce, 1 to 2 inch, M.	10 00 12 00
Spruce Culls.	4 50 6 00
Shingles, 1st quality.	1 50 3 00
and	1 25 1 50
Cement, etc.	
Portland Cement, per barrel.	\$ 2 70 @ 3 00
Roman	2 70 3 00
Fire Bricks, per M.	20 00 30 00
Cut Nails:	
Hot-cut Am. or Can. pattern, 3 inch and above.	¢ 75 \$2 85
Hot-cut Am. or Can. pattern, 2½ inch and above.	3 00 3 25
Hot-cut Am. or Can. pattern, 2¼ and 2 inch.	3 25 4 20
Am. pattern, 1½ and 1¾ inch hot-cut 1½ inch.	3 50 5 60
Can. Pattern, cold-cut, 1½ and 1¾ inch 1½ inch.	4 25 5 20
Finishing Nails, per 100 lb. keg, 1½ and 1¾ inch.	3 25 4 45
Finishing Nails, per 100 lb. keg 1½ to 1¾ inch.	3 75 5 95
Finishing Nails, per 100 lb. keg, 2 inch and up.	3 85 3 50
Paints, etc.	
White Lead, pure, 25 to 100 lb. kegs.	6 00 7 00
No. 1.	5 25 5 50
No. 2.	4 50 5 00
No. 3.	4 00 4 50
dry.	5 25 5 75
Venetian Red, English.	1 50 1 75
Yellow Ochre, French.	1 25 3 00
Whiting, London, washed.	0 65 0 75
Paris.	1 15 1 25
Oils:	
Linseed, raw.	0 63 0 55
boiled.	0 66 0 53
Olive, pure.	1 10 1 15
machinery.	95 1 05
extra, qt., per case.	3 00 3 25
pts.	2 50 2 60
½ pts.	2 75 3 10
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