

RAILS For Contractors, Switches, Gir- ders, &c. LOCOMOTIVES AND CARS

John J. Gartshore
83 Front St. West,

(Opposite Queen's Hotel.)

TORONTO

T. A. Morrison & Co.

PURVEYORS TO

Municipal
Corporations
Architects
Engineers
Mines
Railway

ROAD MACHINERY
STONE CRUSHERS
STEAM ROAD ROLLERS
STEAM AND GASOLINE
FIRE ENGINES
CONCRETE STONE
ROCK DRILLS
BOILERS AND ENGINES
CONTRACTOR'S PLANT

CONTRACTORS

204 St. James Street
MONTREAL

ELECTRICITY

If you desire to keep posted on the wonderful progress that is taking place in the use of electricity for an almost endless variety of purposes, you should subscribe to the

Canadian Electrical News and Engineering Journal

A 44 PAGE MONTHLY,

PRICE \$1 PER YEAR

Write for free sample copy to

The G. H. Mortimer Publishing Co.
LIMITED

Toronto Montreal Winnipeg Vancouver

THE ONTARIO ASPHALT BLOCK CO., L'TD.

MANUFACTURERS OF

ASPHALT BLOCK PAVING

Information and samples furnished municipalities on application.

Main Office: WINDSOR, ONT.

Works: WALKERVILLE, ONT.

NO PATENTS! NO MONOPOLY! NO EXORBITANT PRICES!

Verified Paving Blocks are the very best, everything considered, for paving business and residence streets. Furthermore, the original "Massillon" Blocks of which we are the sole manufacturers are the best. Fourteen years of actual service in nearly all of the principal Canadian cities has established our reputation. Correspondence solicited.

MASSILLON STONE & FIRE BRICK CO.,

Wm. G. Hirt, Gen. Mgr.

Massillon, Ohio, U. S. A.

Owning and Operating
DUNDAS QUARRY
RYMAL QUARRY

Daily Capacity
1,000 TONS
250 TONS

Operating
SLAG QUARRY
EAST HAMILTON

Daily Capacity
500 TONS

DOOLITTLE & WILCOX, LIMITED

Crushed Stone and Slag

For Cement Sidewalks, Road Foundation and Concrete Work

Head Office: TRADERS BANK BUILDING.

Hamilton, Ont.

Lafarge (NON-STAINING) Cement

For Setting, Pointing and Backing Limestone, Granite or Marble, where freedom from discoloration is desired—Send for Descriptive Catalogue.

Portland Cement Drain Pipes, Culvert Pipes, Sewer Bricks, Fire Bricks, Ganister Paving Bricks and Blocks.

F. HYDE & CO.

King, Queen and Wellington Sts. - MONTREAL

One Grade

"The Cement of Quality"

The Highest

Tests of

NATIONAL Portland Cement

BY

The City Engineer of Toronto for 1903-4

Note the High Grade of National. Compare it with others.



Year.	No Samples Tested.	Soundness Faiji Test.	Specific Gravity	Residue in Test on No. 100 Sieve	Setting Time in Minutes.		Tensile Strength in pounds per square inch.									
					Initial	Final	Neat.					3 (Sand) to 1 (Cement)				
							1 dy.	7 dys.	28 dys.	3 mos.	1 yr.	1 dy.	7 dys.	28 dys.	3 mos.	1 yr.
1903	20	O.K.	3.135	2.1	162	345	307	701	783	827	*	74	214	299	367	*
1904	44	O.K.	3.150	2.0	132	342	300	744	848	914	938	86	262	354	401	427

* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

THE BEST & THE CHEAPEST

The National Portland Cement Company

Limited

Toronto Sales Office: 22 James Building

Head Office and Mills: DURHAM, ONTARIO