

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

**J. M. SHANLY**  
M. CAN. SOC. C. E. H. AM. SOC. C. E.  
CIVIL ENGINEER.  
STANDARD BUILDING MONTREAL  
Surveys, Plans, Estimates, &c., for Water Works,  
Sewerage, Water power projects, Bridges, Railways, &c.  
... CONSTRUCTION SUPERINTENDED ...

**WILLIS CHIPMAN, B. A. Sc.,**  
M. Can. Soc. C. E.; M. Am. Soc. C. E.;  
M. Am. W. W. Ass'n.  
CIVIL AND SANITARY ENGINEER  
Water Works - Sewerage  
Sewage Disposal  
103 BAY STREET TORONTO.

**J. McDOUGALL, C. E.,**  
ENGINEER OF THE COUNTY OF YORK  
GENERAL MUNICIPAL ENGINEER  
Consulting Engineer for Municipalities in regard to  
Electric Railway and other Franchises.  
Specialties: Bridges, Foundations, Electric Railways,  
and Roads. Surveys made: Plans, Specifications and  
Agreements prepared, and work superintended.  
COURT HOUSE, - TORONTO.

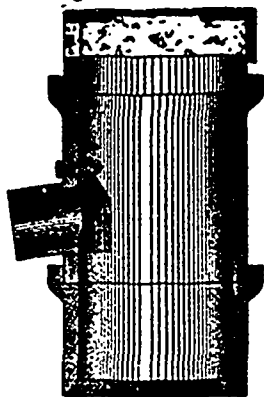
**JOHN GALT**  
C. E. AND M. E., M. CAN. SOC. C. E.,  
Consulting Engineer.  
20 Years' Practical Experience in England, United  
States and Canada in Civil, Sanitary, Hydraulic,  
and Mechanical Engineering.  
SPECIALTIES  
Waterworks, Sewerage, Electric Railways  
Office: Rooms 99 and 100.  
CANADA LIFE BUILDING, - TORONTO

**ALAN MACDOUGALL**  
M. Can. Soc. C. E. M. Inst. C. E.  
CONSULTING CIVIL, SANITARY AND  
HYDRAULIC ENGINEER  
32 East Adelaide St. - TORONTO  
NOTE.—Mr. Alan Macdougall is NOT the  
engineer for the County of York.

**JOHN D. EVANS, O.L.S.**  
M. CAN. SOC. C. E.  
LAND SURVEYOR  
Civil Engineer: Architect  
and Patent Solicitor.  
Special attention given to Consulting and  
Municipal Work.  
GRASS' BLOCK, FRONT ST., TRENTON, ONT.

**E. D. MORRIS**  
Direct Importer and Dealer in  
Best English and Canadian  
**PORTLAND CEMENTS**  
Vitrified, Paving and Fire Bricks,  
Fire Clay, &c.  
Offices: 36 Victoria St. - TORONTO

THE "IMPROVED"  
**ST. GEORGE GULLEY**  
OR STREET DRAINING WELL.



PATENTED 1885  
AND 1893.  
Made of cast iron  
and vitrified tile.  
OVER 6,000 NOW  
IN USE.  
Not ONE com-  
plaint.  
For further par-  
ticulars, apply

**LEWIS SKAIFE, Manager**  
New York Life Building - MONTREAL.

**Fire Bricks and Cement**

DRAIN AND WATER PIPES  
SANITARY EARTHENWARE  
LONDON PORTLAND CEMENT  
GUARANTEED GENUINE.  
Paving and Scoria Bricks for Stables,  
Sidewalks, Yards, etc.  
Large quantities on hand and to arrive. We handle  
only the best quality. Prices lower than ever.

**F. HYDE & CO.**  
31 Wellington Street, - MONTREAL,  
Sole Agents for  
THE "GRAHTRYX" SMOKE TEST AND  
DISINFECTING MACHINE.

**Artificial . .**  
**Granite Stone**  
**. . Pavements**

... FOR ...  
STREETS, SIDEWALKS, BASEMENT  
FLOORS, ETC.  
The attention of municipalities and others in-  
terested is called to the excellence of this material.  
**A. GRAHAM**  
Sole Proprietor and Patentee  
226 Picadilly St., - LONDON, ONT.

**DEBENTURES WANTED.**

Municipalities issuing debentures, no matter for what  
purpose, will find a ready purchaser by applying to  
**G. A. STIMSON, 9 Toronto Street, Toronto.**  
N. B.—Money to loan at lowest rates on first mortgage.

**TESTS OF OUR  
Thorold  
CEMENT**

Show it is the best Hydraulic Cement for Abut-  
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.

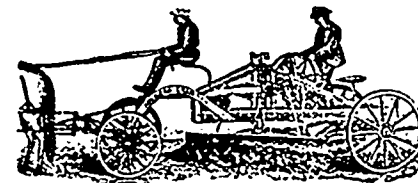
**10,000 BARRELS**  
of Thorold Cemen\* were used in the con-  
struction of the Great St. Clair Tunnel.  
Joseph Hobson, Esq., Grand Trunk Rail-  
way, chief engineer; Wm. Gibson, Esq.,  
M. P., contractor.

MANUFACTURED BY  
**ESTATE OF JOHN BATTLE,**  
Thorold, Ontario.

**PORTLAND CEMENT**

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.

**THE COPP BROS. CO., (LIMITED)**



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**  
Catalogues Free. Correspondence Solicited  
ADDRESS:  
COPP BROS. CO. - HAMILTON, ONT.

**Drummond McCall Pipe Foundry Company,**  
**MONTREAL**  
MANUFACTURERS OF

**CAST IRON WATER AND GAS PIPES**  
WORKS: LACHINE, QUE. PRICES ON APPLICATION.

**HAMILTON AND TORONTO SEWER PIPE CO.**

— FOR —  
**SEWERS,  
GULVERTS,  
AND  
WATER PIPES.  
INVERTS**  
Fire Brick Sewers  
Write for Discounts.  
HEAD OFFICE AND FACTORY: HAMILTON, CANADA.

MUNICIPAL OFFICIALS should see to it that in the erection of town and city PUBLIC BUILD-  
INGS, the installation of water works plant, etc., the advantages of ...  
**MINERAL WOOL**



are made use of for deadening sound in floors and partitions, insulation of heat and cold, fireproofing,  
etc., also SECTIONAL MINERAL WOOL COVERING for steam pipes, boilers, exposed water  
pipes, etc.  
**CANADIAN MINERAL WOOL CO., Limited, 122 BAY ST., TORONTO**  
Montreal Agent: LEWIS SKAIFE 107 NEW YORK LIFE BUILDING

**CANADA PIPE AND FOUNDRY CO. . . . .**  
MANUFACTURERS OF

**. . . . . Cast Iron Pipes and Special Castings**  
Works: MONTREAL AND ST. HENRI, QUE.  
CORRESPONDENCE SOLICITED.

**THE STANDARD DRAIN PIPE CO.**  
OF ST. JOHNS, P. Q. (LIM.)



Manufacturers of  
Salt-Glazed  
Vitrified  
**SEWER  
PIPES**  
Double Strength  
Railway Cul-  
vert Pipes,  
Inverts, Vents,  
AND ALL KINDS OF FIRE CLAY GOODS.

**THE G. & J. BROWN MFG. CO.**  
Railway and Contractors' Plant.  
**BRIDGE BUILDERS**  
BELLEVILLE, ONT.