

## CONTRACTORS and SUB-CONTRACTORS

As Supplied by The Architects of Buildings  
Featured in This Issue

## BUILDINGS—THE MOLSONS BANKS.

- A.—The Molsons Bank, Port Arthur, Ont.  
B.—The Molsons Bank, St. Lawrence and Ontario streets, Montreal, P.Q.  
C.—The Molsons Bank, Sorel, P.Q.  
D.—The Molsons Bank, Norwich, Ont.  
E.—The Molsons Bank, Drummondville, P.Q.  
F.—The Molsons Bank, Lachine, P.Q.
- Brick—  
A.—Claycraft Mining and Brick Co.  
B.—Kittanning Brick Co.  
C.—Interprovincial Brick Co., Ltd.  
D.—Interprovincial Brick Co., Ltd.  
E.—Milton Brick Co.  
F.—Milton Brick Co.
- Boilers—Warden King, Ltd. A.B.C.D.E.F.  
Concrete work—Wm. Wardwell, engineer.  
Electric fixtures—McDonald & Willson, Ltd. A.B.C.D.E.F.  
Elevators and hoists—Gillis & Geoghegan.  
Electric wiring and apparatus—  
McDonald & Willson, Ltd. B.C.E.F.  
E. S. Coppins, D.  
Mahon Bros. A.
- Expanded metal—Pedlar People.  
Flooring—Mosaic Tile Co.  
Furniture—  
Canadian Office and School Furniture Co., Ltd. A.D.E.  
G. H. Randall Co., Ltd. B.  
The Globe Furniture Co., Ltd. C.F.
- Glass—The Hobbs Manufacturing Co., Ltd.  
Hardware—Yale and Towne.  
Marble—  
Mariotti Marble Co.  
Smith Marble Co.
- Ornamental iron—Estey Bros.  
Plumbing fixtures—Port Hope Standard Sanitary Co., Ltd.  
Plumbing—James Robertson Co., Ltd. A.B.C.D.E.F.  
Radiators—Warden King, Ltd. A.B.C.D.E.F.  
Stone—Indiana Limestone.  
Structural steel—Dominion Bridge Co., Ltd.  
Tile—Marbleoid Co.  
Vaults—J. & J. Taylor, Ltd. A.B.C.D.E.F.  
Revolving doors—Dominion Revolving Door Co.  
Pile foundations—Raymond Concrete Pile Co.  
Coal chutes—The Galt Stove and Furnace Co., Ltd.
- Contractors, general—  
A.—Seaman & Penniman, Fort William, Ont.  
B.—J. H. Hutchison, Montreal.  
C.—Loomis-Dakin, Ltd., Sherbrooke, Que.  
D.—McKinney Lumber Co., Ltd., Woodstock, Ont.  
E.—Louis Beaudry, Montreal, P.Q.  
F.—Louis Beaudry, Montreal, P.Q.

## HOTEL PALLISER, CALGARY, ALBERTA.

- Brick—Plain, Alberta Clay Products, Medicine Hat, Alberta; fancy, David McGill, agent, Montreal; enamelled, Waite-Fullerton Co., Ltd., Calgary.  
Boilers—Installed by James Ballantyne Co.  
Casements and window construction, also doors and window trim—P. Lyall & Sons Construction Co., Ltd.  
Concrete work—P. Lyall & Sons Construction Co., Ltd.  
Electric fixtures—E. F. Caldwell & Co., and the Robert Mitchell Company.  
Electric wiring and apparatus—Parker-Chase Electric Co., Calgary.  
Elevators and hoists—Otis-Fensom Co.  
Expanded metal—Pedlar People, Ltd.  
Fire alarm system—Northern Electric Co., Ltd., Calgary.  
Fire doors—McParlane & Douglas, Ottawa.  
Fire escapes—Canada Foundry Co., Toronto.  
Flooring—Cement floors, Master Builders' finish.  
Glass—Date, Taylor Painting and Decorating Co., Winnipeg.  
Alan; light globes, E. F. Caldwell & Co. and R. Mitchell Co.  
Hardware—Yale and Towne, James Walker Hardware Co.  
Heat regulating system—James Ballantyne Co.  
Inter-phones system—Northern Electric Co., Ltd.  
Kitchen utensils—Duparquet, Monouse & Co.  
Laundry machinery—Gurney Foundry Co., Ltd.  
Marble—P. Lyall & Sons Construction Co., Ltd.  
Ornamental iron—Canada Foundry Co., Toronto.  
Paints—Interior and exterior, Taylor Painting and Decorating Co.; waterproof, Sherwin-Williams Co.  
Plumbing—Bath fittings and sanitary fixtures, James Ballantyne Co.; faucets, Cluff Bros., Toronto.  
Plaster work (ceiling)—P. Lyall & Sons Construction Co., Ltd.  
Refrigeration equipment—Linde Canadian Refrigerator Co.  
Power machinery—Prime movers, motors, air compressors and pumps, James Ballantyne Co.

## CATALOGUES, BOOKLETS, ETC.

**Sterling Furnaces.**—A booklet entitled "Every Room Heated" has been issued by the makers of these furnaces. It sets forth in a descriptive and illustrated manner the many advantages of the Sterling in heating and scientifically ventilating the modern home. Copies of this booklet may be had from Findlay Bros. & Co., Ltd., Carleton Place, Ont.

**The Dominion Paving & Contracting Co., Ltd.,** makers of Peerless Carbolite Carbolineum Wood Preservative, have issued a new pamphlet regarding the merits of their preservative. What it is, what it will do, and what it will save is gone into in an explanatory manner. This pamphlet is well worth the consideration of architects and engineers. A copy will be mailed by addressing the above company at 55 Gore Vale avenue, Toronto, Ont.

**The Murphy Furnace.**—This automatic smokeless furnace is elaborately described in the 25th edition of their illustrated catalogue. The installations of the Improved Murphy Automatic Smokeless Furnace includes a great number of the prominent buildings of Canada. The operation, capacity, durability and mode of construction is dealt with in this edition. This cata-

logue will be mailed by addressing the Murphy Iron Works, Buffalo, N.Y.

**Twyford's Sanitary Ware.**—C. W. Beal, 60 Adelaide street east, Toronto, Ont., informs us that booklets and illustrations describing this ware can be had by addressing him. The history of this British firm of manufacturers proves interesting reading. The superior quality of Twyford's Sanitary Ware is recognized throughout the world, and although the war has made great inroads into the output of this firm, Mr. Beal is still in receipt of regular shipments.

**Clark Vacuum Trap.**—The automatic control of water and steam heating plants is given no end of consideration, through necessity, by those interested. New devices appear from time to time, but there are few that really stand up under a rigorous test. The superior regulating devices now being manufactured by W. E. Clark, Ltd., deserve mention and commendation. They are giving entire satisfaction wherever installed, and their output is being increased steadily. In their Booklets A and B this firm describes minutely and accurately the Clark Vacuum Trap and Temperature Booster, and they deserve the attention of the architect and engineer. By addressing W. E. Clark, Ltd., at 719 King street west, Toronto, Ont., these booklets may be had. It is timely to mention that the Clark specialties are distinctly Canadian, having been invented, patented and made in Canada.

**The Dominion Fitter.**—This is one of the most complete catalogues it has been our pleasure to review for some time. Attractively produced, and of such size as to prove convenient, it should find its way to every architect and engineer. The various lines illustrated in this catalogue have been produced with a view to meeting the demands of the heating business as they have been presented by architects, engineers and contractors. Several new products are catalogued for the first time and they have proved efficient after rigid tests. Care has been shown by simplifying the method required in specifying certain types, for the arrangement of the various lines are so grouped that the trade name need only appear in the specifications. Every item is listed in an alphabetical index. Published by the Dominion Radiator Company, Ltd., Toronto, Ont., who will supply a copy on request.

## PERSONAL.

A change in the well-known engineering firm of MacMullen, Riley & Durlay has occurred through the retirement of Mr. Durlay, who is now connected with the Engineering Department of the Imperial Munition Board. Mr. H. H. Angus, whose name appears in the new organization, is well known in engineering circles in Toronto, and has been for some years practicing his profession in this city. The new firm of MacMullen, Riley & Angus will continue the design of heating, ventilating, plumbing and electrical equipment of buildings as carried on by them separately in the past, and will also specialize in the building, design and equipment of industrial plants.

## CIRCULATION REPRESENTATIVE

We have an opening for a good live travelling Circulation Representative to call on the Architects, Engineers and Contractors throughout Canada. Salary and Commission. Address CIRCULATION MANAGER, "CONSTRUCTION."

## LARGE CONTRACT TO BE AWARDED.

Tenders will shortly be called for excavating 300,000 cubic yards of earth on the site of the new Canadian Northern Railway station, which will be erected on Dorchester street, in Montreal. The contract will be a big one, the site being in the space bounded by Cathcart, Mansfield, Lagachetiere and St. Monique streets.

## BIG JUMP IN BUILDING IN TORONTO.

Building permits for 1915 in the City of Toronto totalled 466. The year's business amounted to \$5,155,631. So far this year 436 permits have been granted, totalling \$5,502,797, or an increase to the end of October of \$347,166. In October last year the month's business totalled \$413,756. This year permits for October totalled \$496,148, or an increase of \$82,392.

## BUILDING A CITY.

Preliminary plans for the steel plant at Ojibway, Ont., are nearing completion, but actual building operations will probably not be commenced before next spring. The location of a civic centre has been practically settled, and municipal buildings will be erected in the spring. The plans have also been completed for a storm sewer, which will empty into either the Turkey Creek or the Detroit River.

## NEW SCHOOL IN MONTREAL.

Architects Venne and Labelle, 706 St. Catherine street, Montreal, associated with Vandal and Gascon, 520 St. Lawrence boulevard, have completed the plans for a new school to be erected at the corner of Fullam and Amity streets. The estimated cost is \$160,000, and the contract has been awarded to J. A. Durocher and G. Archambault, 616 St. Denis street. The building will be of re-inforced concrete and Montreal lime stone, and will be thoroughly modern and up-to-date in every respect. Work will start this fall.

## BUILDING STATISTICS FOR MONTREAL.

For the month ending October 31st 171 permits were granted in Montreal, totalling \$352,924. In October last year 214 permits were granted, totalling \$493,268, or \$140,344 less than the corresponding month last year. One thousand eight hundred and thirty-two permits were issued to the end of October last year, totalling \$5,005,526, as compared with 1,669 permits issued for the corresponding period this year, totalling \$4,139,934, or \$865,592 less than last year. It is not expected that the total this year will equal last year's total.