

BUILDING IN TORONTO.

The monthly statement issued by the City Architect of Toronto, shows that the building permits issued to date this year represent the large sum of \$10,239,330. Following is the statement:—

| | | |
|---|---------------------|----------------------|
| Approx. value of building, Jan. 1 to July 31 | 1906 \$7,391,905 | 1907 \$10,239,330 |
| Approx. value of buildings for July | 1,193,435 | 1,219,435 |
| No. of building permits issued Jan. 1 to July 1 | 2,015 | 2,456 |
| No. of buildings for which permits were issued for July | 460 | 538 |
| No. of new buildings erected from Jan. 1 to July 31 | 2,624 | 3,562 |

PERSONAL.

Prof. E. Brydone Jack has been appointed to the Chair of Civil Engineering in the University of Manitoba.

Mr. E. H. Keating and Mr. Wm. H. Breithaupt have announced the formation of an engineering partnership under the name of Keating & Breithaupt, with offices in the Aberdeen Chambers, Victoria street, Toronto. They will carry on business as civil engineers, taking up all branches of railway and muni-

cipal work, power developments, bridges, etc.

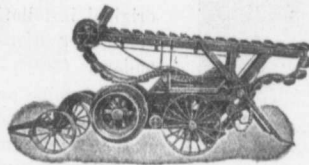
Snow-load on roofs is the subject of some recent measurements by Mr. S. de Perrot, of Neuenburg, Switzerland. Where a heavy fall of snow was followed by thawing and freezing successively and then more snow, and thus in repeated cycle, a coherent laminar mass of snow and ice is formed on roofs, which is of remarkable density. Several such "snow" accumulations proved to have a weight of 36 to 38 lbs. per cu. ft. In these cases the thickness of the accumu-

lated snow on the roof was 24 to 32 ins., thus producing a load of 70 to 100 lbs. per sq. ft. This is three or four times as much as is commonly assumed in calculation. Unfortunately the note from which we quote these observations (Schweizerische Bauzeitung, March 2, 1907), does not state the pitch of the roof surfaces in question. It is to be observed that the past winter has been a season of exceptionally heavy snowfall. On the Arlbers, it is reported, a total of 27 ft. of snow has fallen this winter.

THE PRIESTMAN EXCAVATOR AND DREDGER

is used throughout the world. Will do more work with less labor, at a less first cost than any Excavator at present in use in Canada. For particulars write

G. P. WALLINGTON,
Canadian Representative,
11 Front Street East, Toronto



Supplied in 4 sizes on wheels or skids, with or without elevators, etc.

METALLIC
WRITE FOR PRICES
METALLIC ROOFING CO. LTD.
TORONTO, CANADA
CEILING

NOTICE to CONTRACTORS and QUARRYMEN

Get prices on our

NEW SOLID STEEL FRAME CRUSHERS

Especially adapted for road making, mining and general contract work.

Sawyer & Massey Co., Limited
HAMILTON, CANADA

FIRE BRICKS ALL BRANDS

— Exclusive Agents for —

"MAC," "MORAY" AND "FORTH" BRANDS.

BEST SCOTCH FIRE CLAY AND GANISTER

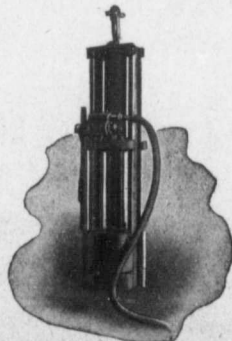
Baxter, Paterson & Co.

(Agents for D. M. STEVENSON & CO., GLASGOW)

Tel. Main 847. - 102 St. Antoine St., - MONTREAL

MIDLAND

AUTOMATIC PILE HAMMERS

**Reasons!**

They drive more rapidly and more economically.
They require less attention during driving.
They do not shatter the Pile.
They can drive pile when the drop hammer cannot.
There is no wearing out of hoisting lines.
They drive more piles in a day.
They usually leave the pile so that it need not be cut off.
They make sharpening of piles ordinarily unnecessary.
Our catalog tells a whole lot more. A postal card will bring one.

Georgian Bay Engineering Works
MIDLAND, ONT.