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 :—

	1906	1907
Approx. value of building, Jan. 1 to July 31	$7,391,905	$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 municipal work, power developments, bridges, etc.

Snow-load on roofs is the subject of some recent maasurements 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 accumulated 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 Bauzeltung, 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.