

The Canadian Architect and Builder

VOL. XVI.—No. 192.

DECEMBER, 1903.

ILLUSTRATIONS ON SHEETS.

Proposed Addition to Grace Hospital, Toronto.—Beaumont Jarvis, Architect.
Offices Toronto and Niagara Power Company in Victoria Park, Niagara Falls, Ont.—Bond & Smith, Architects.
Competitive Design for Vancouver Hospital—John J. Honeyman, Architect.
Office Building for J. J. Riley & Sons, Montreal.—Finley & Spence, Architects.

ADDITIONAL ILLUSTRATIONS IN ARCHITECTS' EDITION.

Drawings Accompanying Notes of Travel.
Entrance and Interior View of Rylands Library, Manchester, Eng. (Illustrating Article by Mr. W. A. Langton, in this Number.)

ILLUSTRATIONS IN TEXT.

Plans of Bread Factory, at Hamilton, Ont.—J. F. Rastrick & Sons, Architects.

CONTENTS

Editorial	191-192	The Ontario Association of Architects	202
Notes of Travel	193	Heights of Famous Buildings	202
Illustrations	194	Foreign Recognition of Canadian Skill	202
Toronto Master Plumbers' Association	195	Ventilating Systems	202
Tests of Masonry Piers	196	Northwest Letter	203
Radiation or Pipe Surface Required for Buildings, Having		A Suggestion	204
Considerable Variations in Construction, Size and		Tested Fireproofing	204
Temperature	198	A Round Square	ix
By the Way	199	Raising a Chimney Stack	ix
Plans for a Grand Stand	199	Mineral Production of Newfoundland	x
Material and Technique in Design	200-201	Legal	xi

SPECIAL CONTRIBUTORS.

MR. W. A. LANGTON, Architect, Toronto.
" EDMUND BURKE, " "
" S. H. TOWNSEND, " "
" Prof. Percy E. Nobbs, Montreal.
" FREDERICK G. TODD, Landscape Architect, Montreal
" W. H. ELLIOTT, Toronto.
" J. C. B. HORWOOD, Architect, Toronto.
" A. F. DUNLOP, R.C.A., Architect, Montreal.
" FRED. T. HODGSON, Architect, Collingwood, Ont.

Our Students' Competition.

Architects will confer a favor by directing the attention of their students to our Students' Competition, particulars of which are printed in this number. Every industrious and ambitious student should find it profitable to take part in this competition.

Giving Value to Waste Material.

A few years ago brickmakers in Toronto threw away as useless a considerable quantity of what are known as "clinker bricks," i. e., bricks uneven in color and shape and exhibiting protuberances on their surfaces. These peculiarities are due to the bricks being placed in the arch of the kiln where they are exposed to the greatest heat. An architect in looking one day at a pile of these refuse bricks thought he saw possibilities in them, and forthwith bought sufficient of them to build himself a house. The appearance of the house was pleasing and in contrast to the ordinary run of work. Other architects then saw a value in the clinker brick and began to use them. The demand so increased that the brickmakers themselves came to see the value of what they had been accustomed to regard as a waste product and the price was advanced until now "clinkers" bring two dollars per thousand more than standard first quality.

Arbitration of Building Disputes.

The Building Trades Council of Toronto have applied to the Ontario Association of Architects to have a clause inserted in all contracts providing that any disputes which might arise between contractors and workmen must be settled by arbitration. At the last meeting of the Toronto Chapter this request was fully discussed, after which a resolution was passed declaring that while the architects were heartily in favor of the principle of settling disputes by arbitration they could not advocate the insertion of an arbitration clause in contracts so long as the Building Trades Council or its component unions could not be held legally responsible for any agreement into which they might enter.

Where a number of contractors representing various trades are engaged on a building, an effort is made to shift responsibility for any neglect or damage from one to another. Under these conditions the architect, who of course cannot be constantly on the work, experiences great difficulty in placing the responsibility on the proper shoulders. He has sometimes to spend much time and effort to get the contractors together in order that the difficulty