# The Canadian Architect and Builder

VOL. XVII.-No. 202.

OCTOBER, 1904.

### ILLUSTRATIONS ON SHEETS.

Cottage at Brandon, Man.—W. Nicholson Lailey, Architect. House for Mr. Sanford Evans, Winnipeg, Man.—George Brown, Architect. Fireplace, House in Queen's Park, Toronto.—Sproatt & Rolph, Architects.

## ADDITIONAL ILLUSTRATIONS IN ARCHITECTS' EDITION.

House in Queen's Park, Toronto-Sproatt & Rolph, architects. Stair Hall, House in Queen's Park, Toronto-Sproatt & Rolph, architects.

Editorial Opening Lecture of the Department of Architecture, Gill University Ventilation The Architectural Association and Its Work Ferro-Concrete Construction By the Way Cement for the Northwest Montreal Notes Church Heating and Ventilation Some Notes on Motor Houses Chains Used in Building Construction Design and Craftsmanship	Mc- 163-164 - 165 - 165 - 166 - 166 - 167	ENTS Architectural Classes Cologne Cathedral Northwest Notes Difficulties and Methods of Plastering in Winter German Regulations for Reinforced Concrete The Action of Lightning on Buildings The Apprenticeship Question Armored Concrete Vaults New Cement Brick Making Machine A New Plumbing Device Cement Building Stone Business Notes		174	172 172 173 4-175 ix x-xi xiii xiii xiii xiv xiv
--	---	--	--	-----	--

### SPECIAL CONTRIBUTORS.

MR. W. A. LANGTON, Architect, London, Eng. "EDMUND BURKE, "Toronto. EDMUND BURKE, S. H. TOWNSEND,

Prof. Percy E. Nobbs, Montreal. FREDERICK G. TODD, Landscape Architect, Montreal

W. H. ELLIOTT, Toronto.
A. F. DUNLOP, R.C.A., Architect, Montreal.
FRED. T. HODGSON, Architect, Collingwood, Ont.

#### REMOVAL NOTICE.

On the first of November, 1904, the Winnipeg office of this Journal will be removed to Rooms 720 and 721 of the new Union Bank Building. This building, which is just hearing completion, is thoroughly fireproof and in construction and equipment is the equal of any on the continent.

A standing invitation is given readers and friends of the Journal to call when in Winnipeg. Any possible information or assistance will be gladly furnished them.

The large trade which a few years ago was being done in Belgian vs. British Great Britain by Belgian and German manufacturers of steel joists and girders, is re-Ported to have been killed as the result of tests and inspection to which the material was subjected by users in Great Britain. The trade is now in the hands of British firms whose product is not so cheap, but is uniform and reliable in quality.

The Coroners' Jury appointed to enquire into the circumstances Safety of attending the death of Dr. Mc-Elevators Phee, of Ottawa, who was recently crushed in an elev-

ator, returned with their verdict of accidental death the following recommendation :- "We would recommend that the city by-law governing elevator operators be changed, so that no operator be less than eighteen

years of age, and no operator be engaged without first having a certificate as to competency from the building inspector."

Several Toronto contractors are finding a profitable field of opera-Building

tions in Winnipeg, where buildin the West ing is more active than in any other city on the continent. The value of building permits issued for the nine months ending September 30th, was in round figures \$8,000,000, a sum in excess of the expenditure for this purpose in any other city in the United States or Canada, not excepting New York. In spite of this large expenditure, it has not been possible to meet the demand for houses. During the past summer a considerable number of families lived in tents. Some of these have been unable to secure other accommodation, and are at a loss to know where to find shelter during the coming winter.

"Fire-Proofed" Wood.

The Mayor of New York as the result of strong pressure has withheld ratification of the ordinance

recently approved by the Board of Aldermen of that city compelling the use of fire-proof trim in the erection of new buildings above 75 feet in height. Builders asserted that the ordinance would be valueless except to the