

# CANADIAN ARCHITECT AND BUILDER.

VOL. XII.—No. 8.

AUGUST, 1899

PRICE 20 CENTS.  
\$2.00 PER YEAR.

## THE CANADIAN ARCHITECT AND BUILDER,

*A Monthly Journal of Modern Constructive Methods.*

(With a Weekly Intermediate Edition—The CANADIAN CONTRACT RECORD).

PUBLISHED ON THE THIRD WEDNESDAY IN EACH MONTH IN THE INTEREST OF ARCHITECTS, CIVIL AND SANITARY ENGINEERS, PLUMBERS, DECORATORS, BUILDERS, CONTRACTORS, MANUFACTURERS OF AND DEALERS IN BUILDING MATERIALS AND APPLIANCES.

The C. H. MORTIMER PUBLISHING CO. of Toronto, Limited,  
Publishers,

Confederation Life Building, - TORONTO, CANADA.  
Telephone 2362.

Branch Office: NEW YORK LIFE INSURANCE BUILDING, MONTREAL.  
Bell Telephone 2299.

### SUBSCRIPTIONS.

The CANADIAN ARCHITECT AND BUILDER will be mailed to any address in Canada or the United States for \$2.00 per year. The price to foreign subscribers is \$2.50. Subscriptions are payable in advance. The Journal will be discontinued at expiration of term paid for, if so stipulated by the subscriber; but where no such understanding exists, will be continued until instructions to discontinue are received and all arrears of subscription paid.

### ADVERTISEMENTS.

Prices for advertisements sent promptly on application. Orders for advertisements should reach the office of publication not later than the 12th, and changes of advertisements not later than the 5th day of the month.

### EDITOR'S ANNOUNCEMENTS.

Contributions of value to the persons in whose interest this journal is published are cordially invited. Subscribers are also requested to forward newspaper clippings or written items of interest from their respective localities.

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publishers of any irregularity in delivery.

## ONTARIO ASSOCIATION OF ARCHITECTS.

### OFFICERS FOR 1899.

PRESIDENT	J. E. BELCHER, Peterborough.
1ST VICE-PRESIDENT	A. F. WICKSON, Toronto.
2ND VICE-PRESIDENT	ANDREW BELL, Almonte.
TREASURER	GRANT HELLIWELL, Toronto.

### COUNCIL:

FRANK DARLING	Toronto.
D. B. DICK	Toronto.
S. H. TOWNSEND	Toronto.
FRED HENRY	London.
F. S. BAKER, A.R.I.B.A.	Toronto.

REGISTRAR AND LIBRARIAN:  
W. A. LANGTON - Canada Life Building, Toronto.

## PROVINCE OF QUEBEC ASSOCIATION OF ARCHITECTS.

### OFFICERS FOR 1899.

PRESIDENT	A. RAZA, Montreal.
1ST VICE-PRESIDENT	S. H. CAPPER, Montreal.
2ND VICE-PRESIDENT	G. E. TANGUAY, Quebec.
SECRETARY	J. VENNE, Montreal.
TREASURER	W. E. DORAN, Montreal.

### COUNCIL:

A. T. TAYLOR	Montreal.
J. S. ARCHBALD	Montreal.
G. A. MONETTE	Montreal.
J. F. PEACHY	Quebec.
M. PERRAULT	Montreal.
E. MAXWELL,	Montreal.

AUDITORS—J. A. CHAUSSE and J. C. A. HERIOT, Montreal.

## TORONTO BUILDERS' EXCHANGE.

### BOARD OF DIRECTORS:

HENRY MARTIN, President.	JOSEPH RUSSELL.
THOS. CHRISTY 1st Vice-President.	JAS. CRANG.
JAS. B. THOMSON, 2nd Vice-President.	JOHN M. GANDER.
DAVID WILLIAMS, Treasurer.	R. CHALKLEY.
THOS. CANNON, Jr.,	JOHN VOKES.
GEORGE DUTHIE	DAVID WAGSTAFF.
THOS. PAINTER.	W. J. HYNES.

## LONDON BUILDERS' EXCHANGE.

### BOARD OF DIRECTORS:

THOS. CANNON, JR., Toronto, Honorary President.	THOS. JONES.
WILLIAM JEFFERY, President.	JOSHUA GARRETT.
SCOTT MURRAY, 1st Vice-President.	HENRY STRATFOLD.
WILLIAM SMITH, 2nd Vice-President.	WILLIAM TYLTER.
GEO. S. GOULD, Secretary.	ERNEST FITZGERALD.
JAMES LUNEY, Treasurer.	

## MONTREAL BUILDERS' EXCHANGE.

### BOARD OF DIRECTORS:

JAMES SIMPSON, President.	A. COWAN.
C. T. WILLIAMS, Vice-President.	J. McLEAN.
G. J. SHEPPARD, Hon. Secretary-Treasurer.	F. FOURNIER.
P. LYALL.	W. P. SCOTT.

## HAMILTON BUILDERS' EXCHANGE.

### BOARD OF DIRECTORS.

JOHN T. IRWIN, President.	G. POCOCK.
WILLIAM HANCOCK, Vice-President.	JOHN CLAPHAM.
J. H. SMITH, Secretary, King William Street.	F. A. CARPENTE.
W. J. REID, Treasurer.	J. ROSS.
	A. CLARKE.

## WINNIPEG MASTER CARPENTERS' ASSOCIATION.

### BOARD OF DIRECTORS:

WM. BRYDON, President.	JOHN GIRVIN, 1st Vice-President.
S. B. RITCHIE, 2nd Vice-President.	J. G. LATIMER, Treasurer.
JAS. McDERMAID, Chairman of Executive.	
G. A. MITCHELL (Room 5, Nanton Block), Secretary.	

## VANCOUVER BUILDERS' EXCHANGE.

### BOARD OF DIRECTORS:

E. COOK, President.	C. P. SHINDLER.
A. E. CARTER, Secretary.	D. W. FRASER.
H. A. BELL, Treasurer.	E. G. BAYNES.
T. BRADBURY.	D. SAUL.

A RECENT fire at the Armour glue work in Chicago appears to have shown that solid wire glass is an effective protection from fire. The Inland Architect says that the windows with metal frames and wire glass were subjected to a "fierce heat," but the flames could not make their way through, so that \$400,000 worth of property ten feet from the flames was protected by glass.

### Cataloguing Libraries.

An important step is being taken in the direction of bringing into affiliation under one catalogue system several of the public and technical libraries of Montreal. The preparation of the catalogue is in the hands of Mr. Gould, librarian of McGill University. The card system will be employed. The management of the new public library at Westmount, a suburb of Montreal, wisely entrusted to Mr. Gould the selection and cataloguing of their books. Thereby the duplicating of books which are already included in McGill and other public libraries of the city has been avoided. The proposal has been made, and will doubtless be approved, that the Art Association, the Canadian Society of Civil Engineers, the Fraser Institute, the Province of Quebec Association of Architects, and perhaps other public bodies possessing libraries should arrange to have their collections catalogued by Mr. Gould in the manner described. With the catalogue