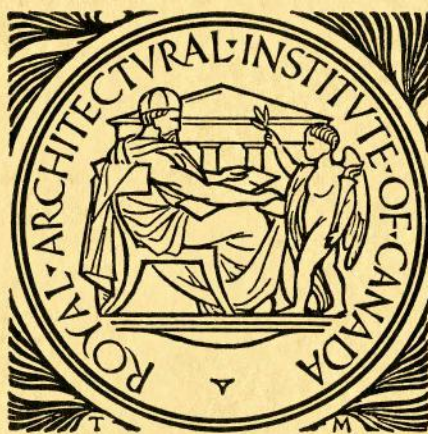


THE  
JOURNAL  
ROYAL ARCHITECTURAL  
INSTITUTE OF CANADA

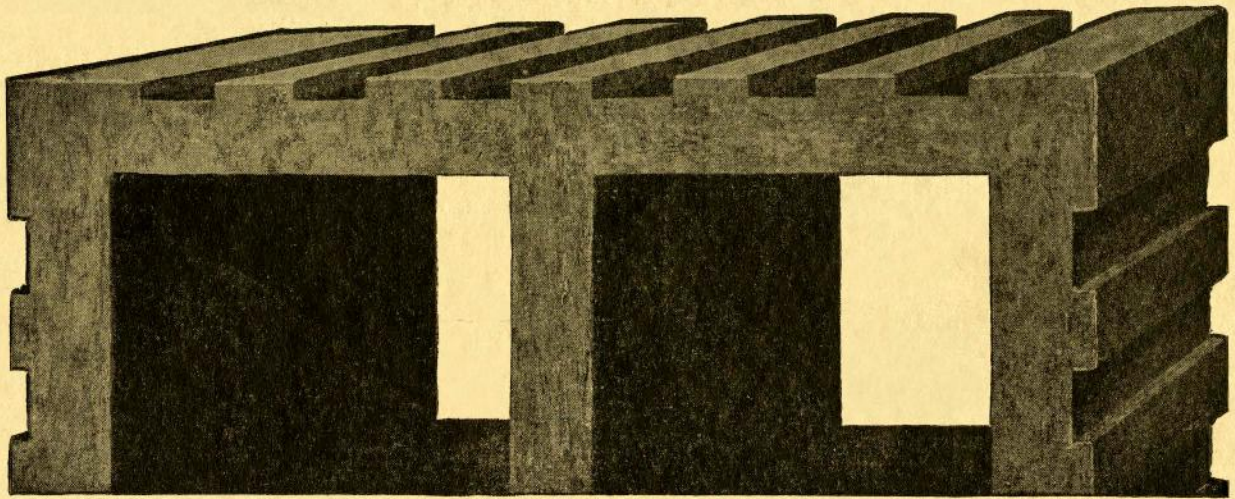


DECEMBER, 1931

VOL. VIII. No. 12

TORONTO





# STRUCTURAL CLAY TILE

WON'T CRACK . . WON'T SHRINK . . WON'T WARP  
..... WON'T BURN ..... WON'T DECAY .....

**Use It With Entire Confidence**

for

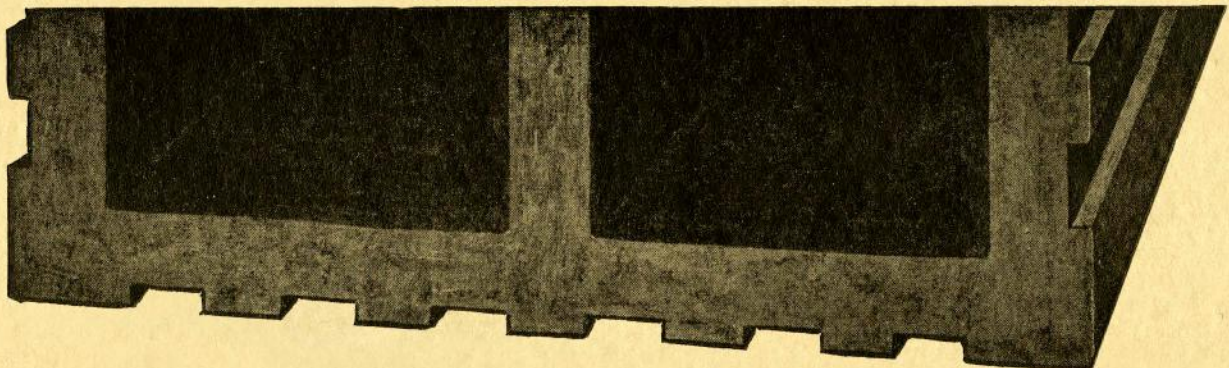
WALLS . FLOORS . FURRING . BACKING  
..... PARTITIONS . . GIRDER COVERING .....



**STRUCTURAL CLAY TILE ASSOCIATION**  
OF CANADA

1305 METROPOLITAN BUILDING, TORONTO 2

601-2 UNIVERSITY TOWER, MONTREAL





# IN THE GOVERNMENT SERVICE

**A**LTHOUGH prophetic vision of 1867 looked far into the future, who shall say the Fathers of Confederation saw as far as the magnificent New Confederation Building recently erected at Ottawa to serve the modern needs of the Dominion Government?

A wonderful feature of this new government building is its modern electric elevator equipment. Six signal-control, micro-leveiling, Otis-Fensom Elevators of the latest type provide an ultra modern service at the touch of a button—swift, noiseless, safe.

The Otis-Fensom Elevator Company, Limited, is proud to have been chosen to serve the Government of Canada in Canada's newest and most modern official building.

## OTIS-FENSOM ELEVATOR COMPANY LIMITED

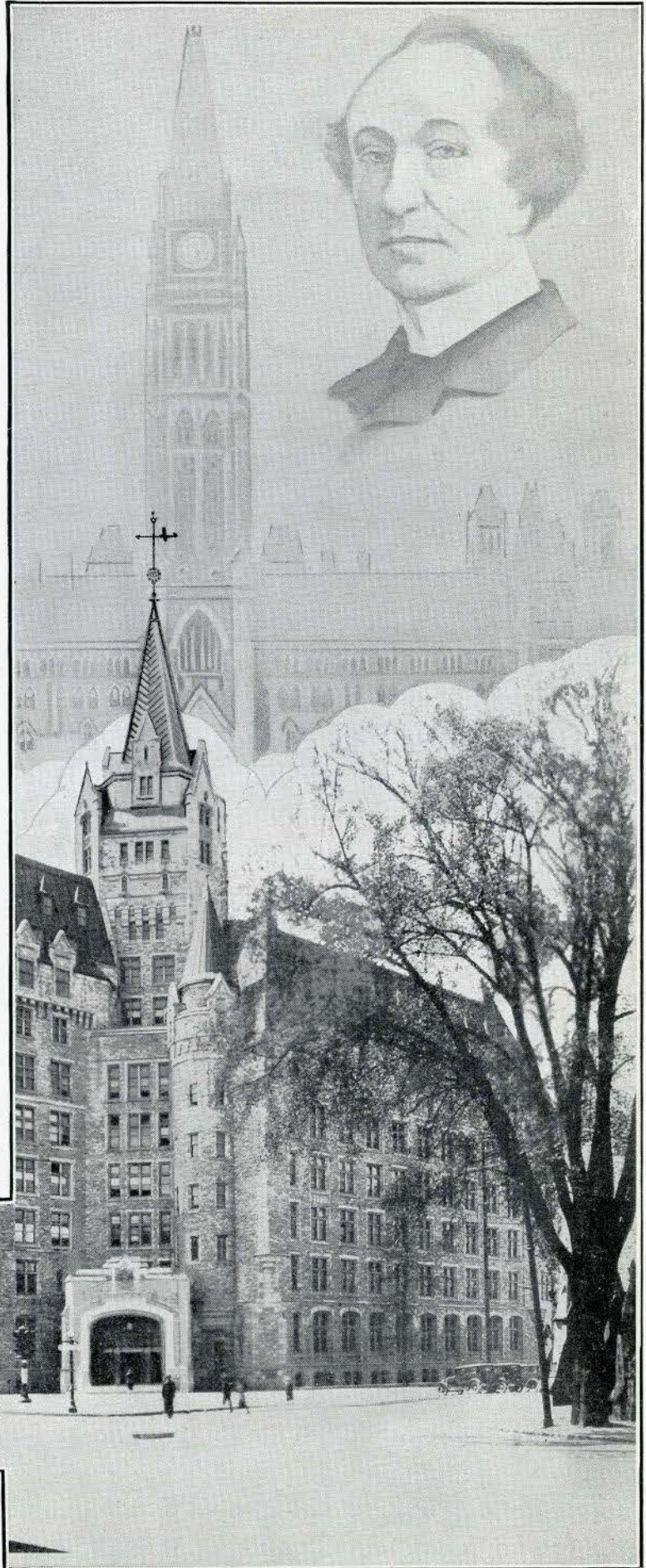
Head Office and Works:

**HAMILTON**                      **ONTARIO**

BRANCHES

Montreal, Winnipeg, Quebec, Ottawa, Toronto, Vancouver, Windsor, Kitchener, St. Catharines, London, Regina, Saskatoon, Edmonton, Calgary, Saint John, N.B., Halifax, Victoria.

FROM PIT TO PENTHOUSE



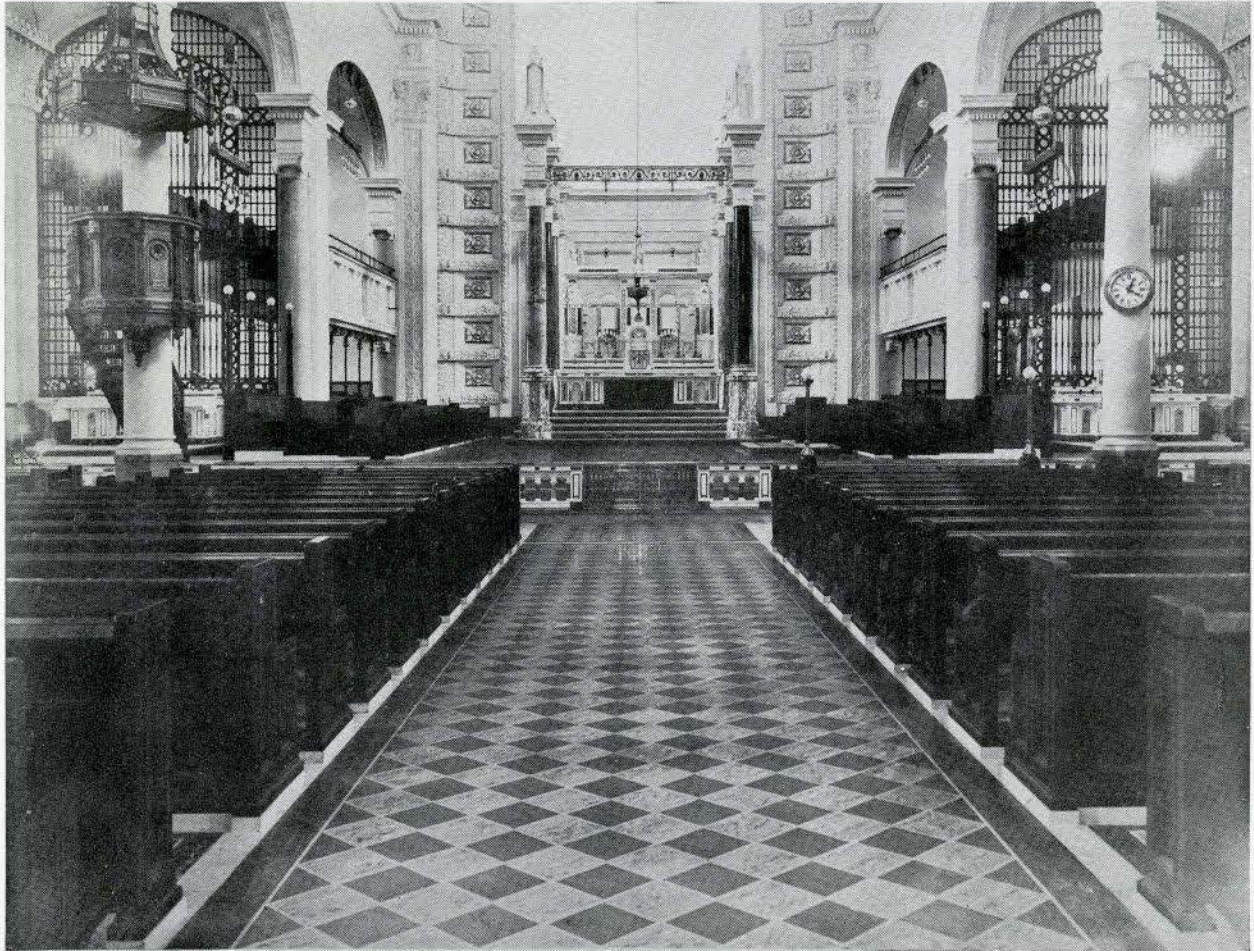
CONFEDERATION BUILDING

*Magnificent New Structure Erected by the Dominion Government at Ottawa.*

*Government Architect: T. W. Fuller*

*General Contractors: P. Lyall & Sons Construction Co. Limited Montreal*





LUDGER LEMIEUX  
Architect

ALPHONSE GRATTON & FILS, LTEE  
Builder

## ST. VINCENT FERRIER CHURCH MONTREAL

DECEMBER  
NINETEEN  
THIRTY-ONE

A year-round Christmas message of glowing warmth and good cheer is added to St. Vincent Ferrier Church by the use of properly chosen colours of Stedman Reinforced Rubber Tile.

*J. H. Stedman*  
NATURIZED FLOORING  
PATENTED

Aisles, sanctuary, sacristy and baptistry of this noble edifice shimmer resplendent with the rich blending of red, gold, black and cream of Stedman Reinforced Rubber Flooring — a covering whose loveliness will endure from generation to generation.

*Alexander MURRAY & Company*  
Limited

MONTREAL, TORONTO, HALIFAX  
SAINT JOHN, WINNIPEG, VANCOUVER

# STEDMAN REINFORCED RUBBER FLOORING

MADE IN CANADA UNDER TRIPLE HYDRAULIC PRESSURE



---

Since 1888 — Darling Brothers Limited — Quality and Service

---



MAPLE LEAF GARDENS TORONTO

## THE MOST MODERN AUDITORIUM BUILDING AND HOCKEY ARENA IN CANADA

HEATED BY  
THE WEBSTER SYSTEM OF STEAM HEATING  
*with*  
DARLING EQUIPMENT

Architects: Ross & Macdonald, Montreal.

Associate Architects: Jack Ryrie & Mackenzie Waters.

Refrigeration System:

Linde Canadian Refrigeration Co. Limited,  
Montreal and Toronto.

Plumbing and Heating: Bennett & Wright Co. Limited,  
Toronto.

— since 1888 —  
**Webster**  
Systems  
of Steam Heating

Specify the Webster  
System of Steam Heat-  
ing for your next  
building. The choice  
of leading Architects  
and Engineers.



**For Heating:**

*The Webster System of Steam Heating.*

**For Handling Air and Condensation from Heating System:**

*Skidmore-Darling Vacuum and Boiler Feed Pumps.*

**For Hot Water for All Purposes:**

*Whitlock-Darling Heaters, controlled by  
Syphon Temperature Regulators.*

**For Drainage below Sewer Level:**

*Yeomans-Darling Heavy Duty Screenless Sewage Ejectors.*

**For Refrigeration Plant:**

*Darling Motor Driven Centrifugal Brine Pumps.*

*Whitlock-Darling Brine Heater used for defrosting the  
Ice Surface in the Arena.*

Descriptive Booklets on all these Darling Products will be gladly sent upon request.

---

# Darling Brothers Limited

140 PRINCE ST.

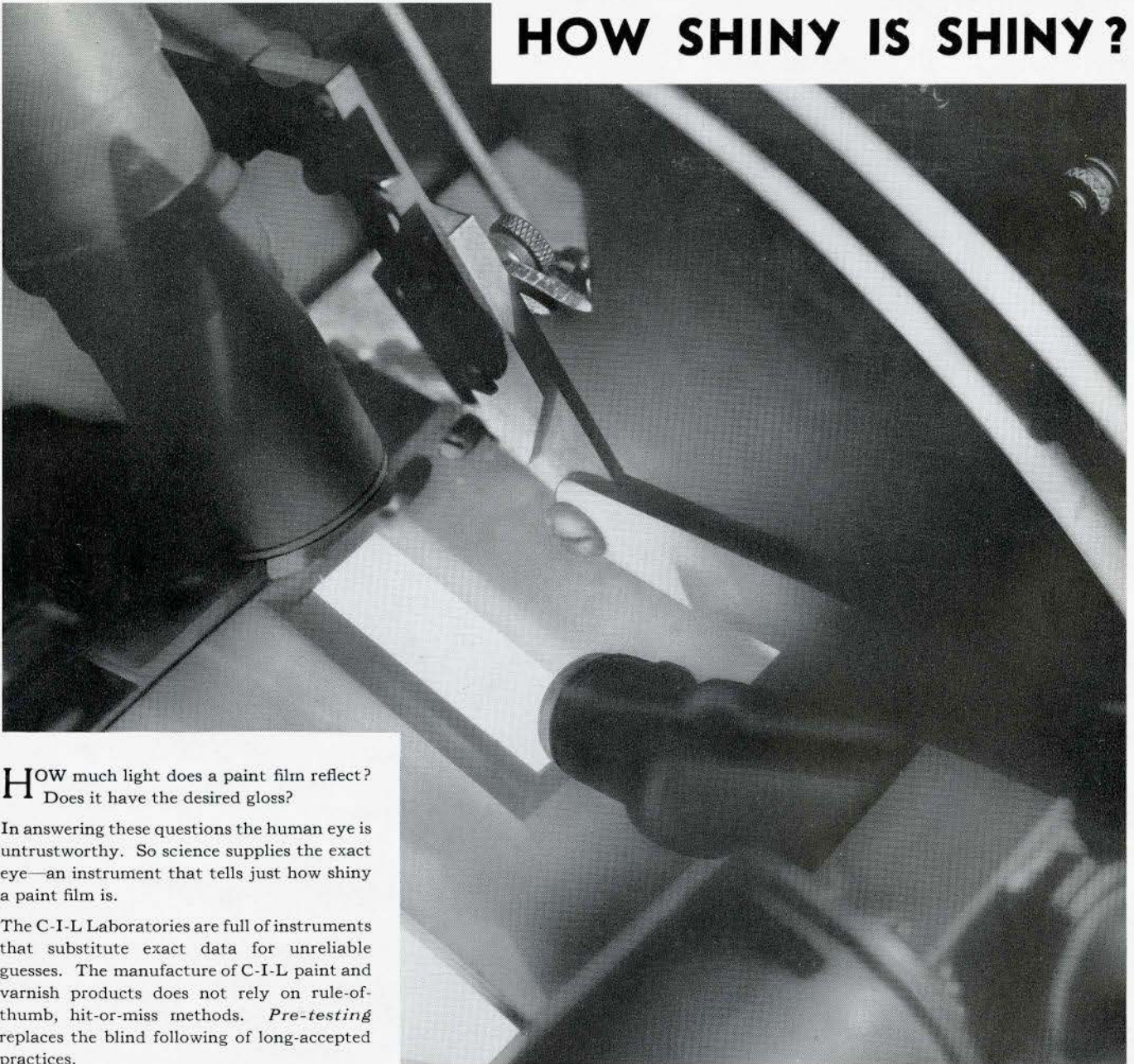
MONTREAL, CANADA

HALIFAX — QUEBEC — OTTAWA — TORONTO — TIMMINS — WINNIPEG — CALGARY  
VANCOUVER — ST. JOHN'S, NFLD.

---



## HOW SHINY IS SHINY?



**H**OW much light does a paint film reflect? Does it have the desired gloss?

In answering these questions the human eye is untrustworthy. So science supplies the exact eye—an instrument that tells just how shiny a paint film is.

The C-I-L Laboratories are full of instruments that substitute exact data for unreliable guesses. The manufacture of C-I-L paint and varnish products does not rely on rule-of-thumb, hit-or-miss methods. *Pre-testing* replaces the blind following of long-accepted practices.

*Pre-testing* governs the selection of raw materials . . . the correct combination of paint ingredients . . . the effectiveness of the product made according to the new formula. And ever afterward constant testing assures a C-I-L finishing product of uniformly high quality.

*Pre-testing* answers all questions about a C-I-L finish. You can accept a pre-tested finish without any doubt as to its protective or decorative qualities in or on any building you design.



### C-I-L PAINT PRODUCTS

*Du-Lite  
New Process Paint  
Cilux  
Muraltone Wall Finishes  
Interior Gloss  
Trim & Trellis Finishes  
Flow Kote Enamel  
Floor & Dado Enamel  
Genuine DUCO*

*THE PFUND GLOSSIMETER measures gloss by measuring the amount of light a paint film reflects. Light is reflected from the sample paint panel into a telescope tube. Half of the eye-piece of this tube is illuminated by a small light in the photo-meter tube attached to the side of the telescope. This light is moved back and forth until the brightness of the two sections of the field matches. The distance of the light from the eye-piece is a measure of the amount of light reflected from the panel, and is, therefore, a measure of gloss.*

# CANADIAN



# INDUSTRIES LIMITED

## PAINT & VARNISH DIVISION

Factories: TORONTO - REGINA

Branches: HALIFAX MONTREAL WINNIPEG CALGARY VANCOUVER



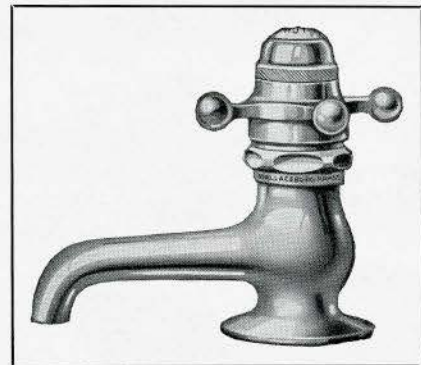


# In Buildings of all Sizes

## WALLACEBURG Faucets are giving LIFETIME SERVICE

In skyscraper and in cottage these famous faucets that "stand out because they stand up" are rendering day-in-and-day-out performance that is unsurpassed—that cannot be surpassed.

No WALLACEBURG Fixture is ever made in such a hurry as to produce an imperfect article. No WALLACEBURG Fixture ever passes our inspectors unless it is RIGHT.



That's why architects, builders and owners hold in highest regard all products bearing our name.

In silver the word STERLING is your protection.

In sanitary fixtures it's WALLACEBURG.

Our Products are 100% Made in Canada



Our Advertising is 100% Prepared in Canada

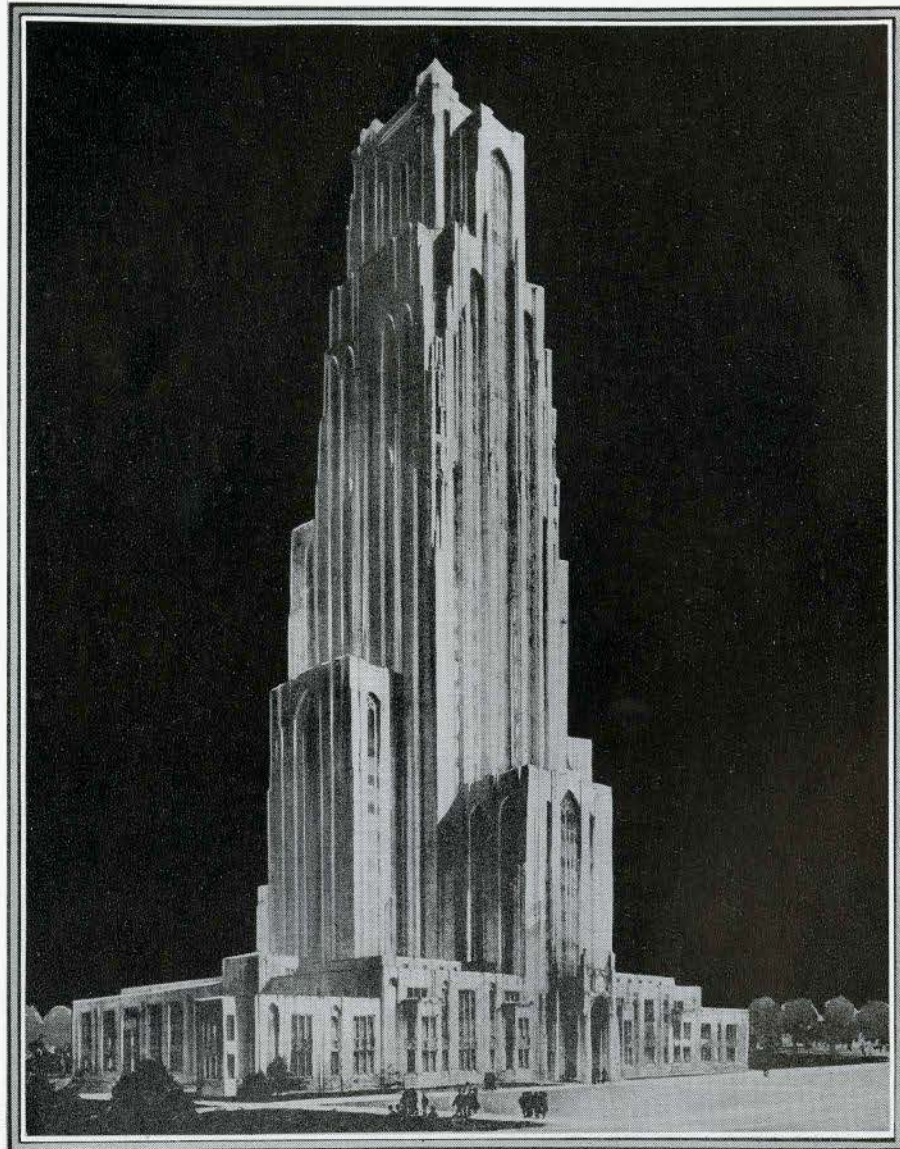
**THE WALLACEBURG BRASS & IRON MFG. CO. LIMITED**

WALLACEBURG - - - ONTARIO  
TORONTO—8 Wellington E. MONTREAL—1420 Victoria WINNIPEG—52 Adelaide

# Wallaceburg

FAUCETS CONTROL WATER PERFECTLY





▲  
 CATHEDRAL  
 OF LEARNING  
 UNIVERSITY  
 OF PITTSBURGH

WESTINGHOUSE  
 ELEVATOR  
 EQUIPMENT

Architect—Charles Z. Klauder

Contractors—Stone & Webster Engineering Corp.

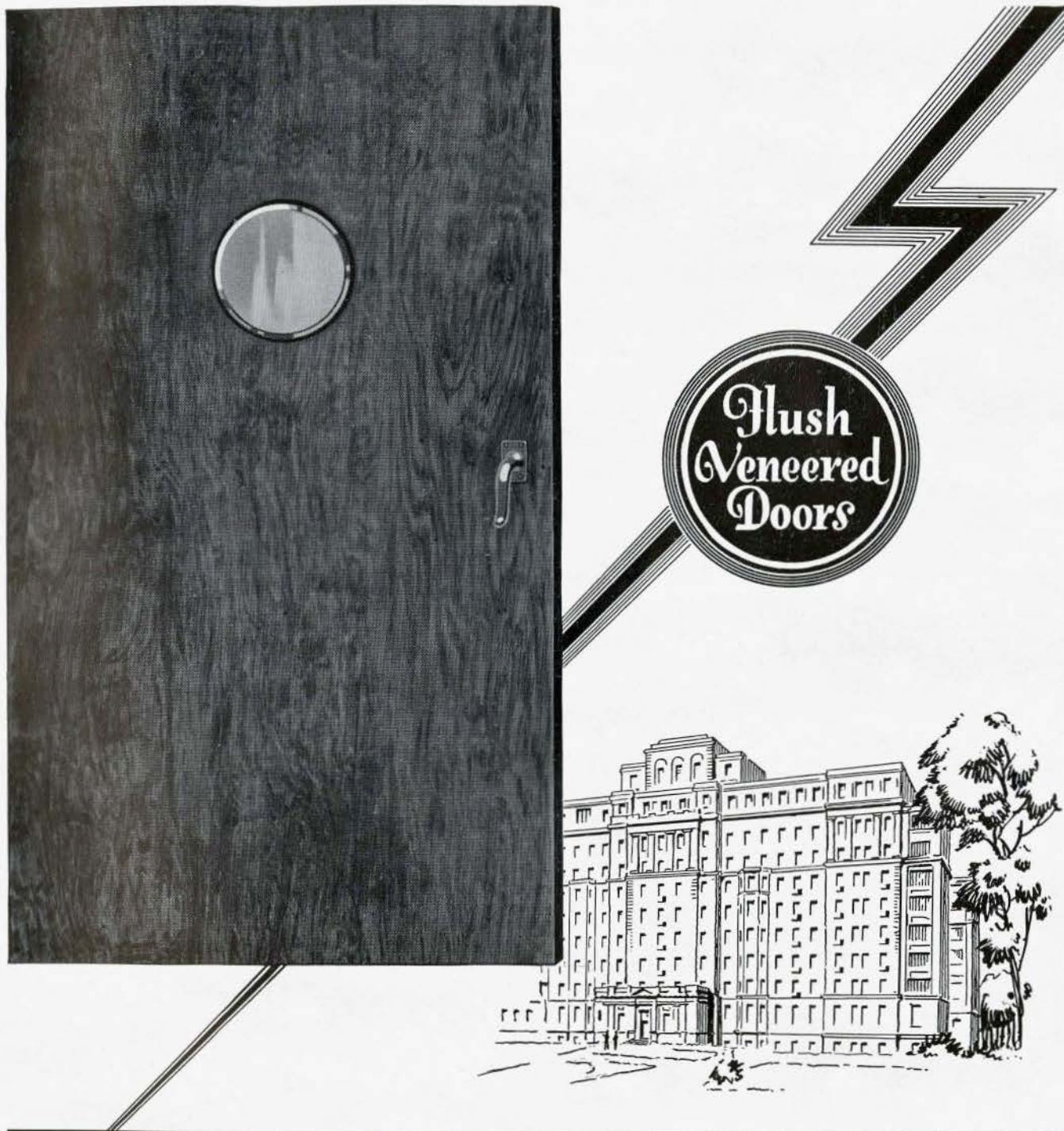
▼ ▼ The patented equipment resulting from research, resources and experience gained by Westinghouse is obtainable in Canada only with Turnbull Elevators.

# TURNBULL ELEVATOR Company Limited

TORONTO

Vancouver	Calgary	Winnipeg	Windsor	Ottawa	Saint John	London
Edmonton	Regina	Quebec	Hamilton	Montreal	Halifax	Port Arthur





**CANADA'S LARGEST HOSPITAL  
CHOSE**

**▪ FLUSH VENEERED DOORS ▪**

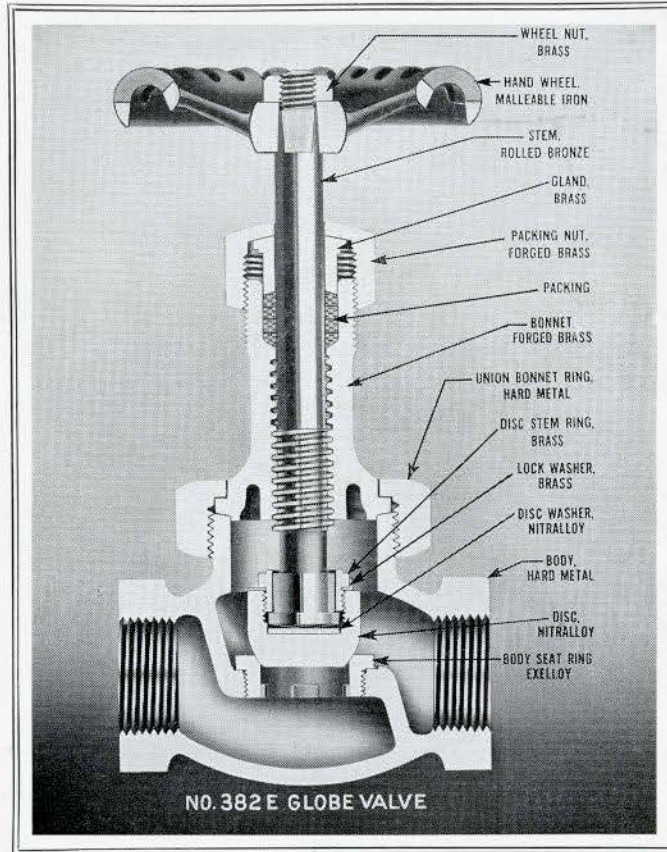
*Made by HAY & CO. Limited*

Woodstock, Ontario

*because of their dependability and superior construction*



150 Pounds Pressure  **CRANE VALVES**  2500 Pounds Pressure



## If materials were hired like men . . .

Splendid it would be if power men could measure the materials they purchase by the same searching methods that they use in employing men.

But certainly when they buy supplies from a manufacturer, they can profitably investigate the background of his organization. They can study its equipment and theoretical knowledge, check up on its practical experience, and investigate its devotion to undeviating standards.

Such an investigation would disclose

many interesting things concerning Crane Limited. It would show a world-girdling organization manufacturing every type of industrial valve and fitting. It would reveal the scientific spirit that has led Crane Limited to make experiments in metallurgy, on its own initiative, that are everywhere accepted as authoritative. It would show a 75-year background of first-hand knowledge and practical experience.

And it would furnish convincing proof of the fact that Crane prestige is built on an unvarying standard of quality.

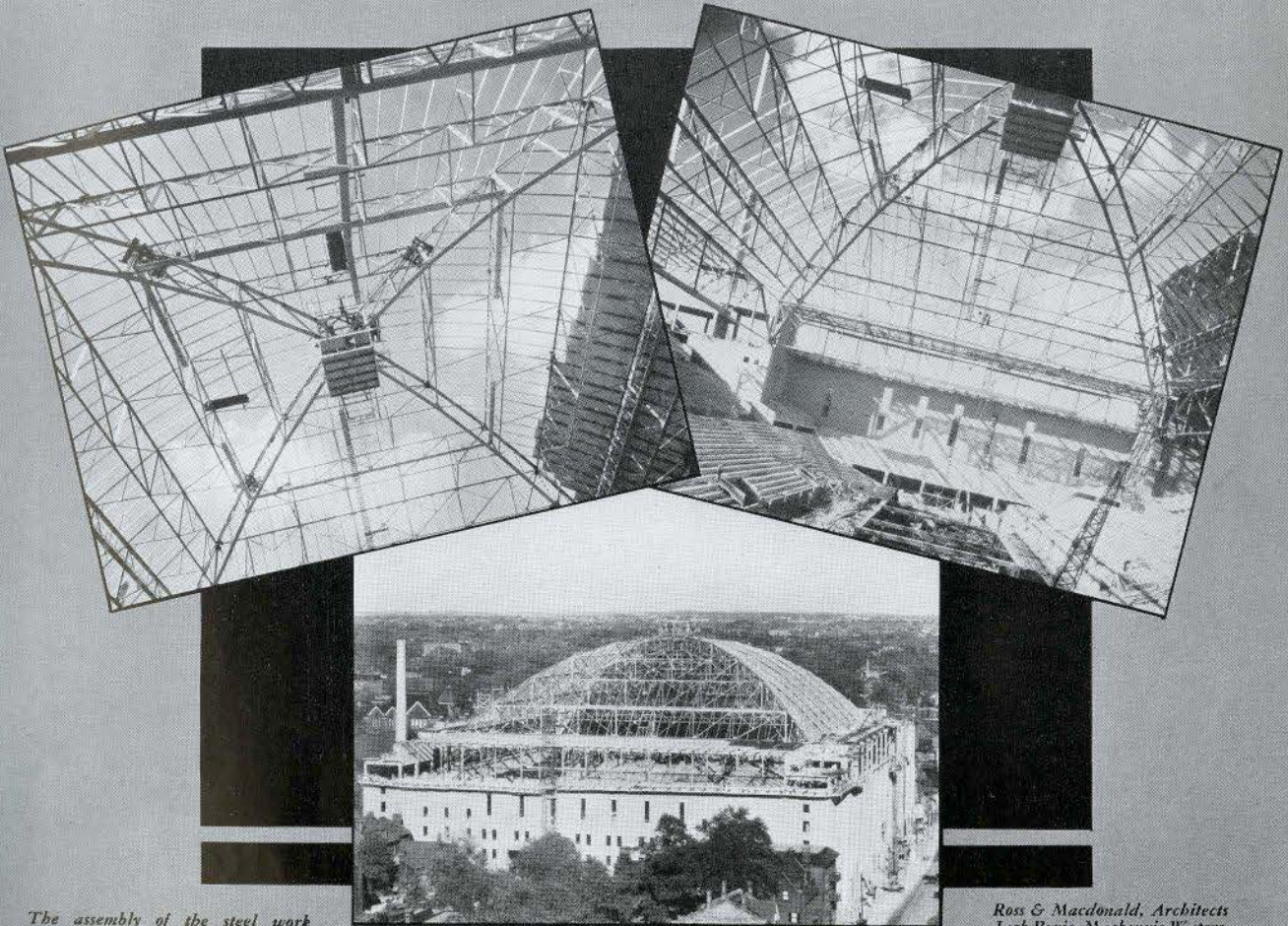
# CRANE

CRANE LIMITED, GENERAL OFFICES: 1170 BEAVER HALL SQUARE, MONTREAL  
CRANE-BENNETT, LTD., HEAD OFFICE: 45-51 LEMAN STREET, LONDON, ENG.

*Branches and Sales Offices in 22 Cities in Canada and British Isles  
Works: Montreal and St. Johns, Quebec, Canada, and Ipswich, England*



# STEEL



*The assembly of the steel work commenced on August 14 and was completed on September 18.*

*Ross & Macdonald, Architects  
Jack Ryrie, Mackenzie Waters,  
Associate Architects  
Thomson Bros. Limited, General Contractors*

## *The New Maple Leaf Arena, Toronto*

¶ 760 tons of structural steel were used in the construction of this 350 ft. by 282 ft. Arena. It has seating capacity for 13,000 people. The distance from the floor to the centre of the roof is 140 ft.—more than the height of a ten-storey building.

¶ An unobstructed view of the sports area is obtained from every seat, due to the entire absence of columns. This is made possible through the use of a great domed roof, the steel work of which comprises two arch ribs spanning the rectangle on the 306 ft. diagonals, and carried on shoes at the four corners of the rectangle. The structure is tied together by a series of horizontal trusses, which support the rafters carrying the steel deck roof.

¶ The design and erection of the Maple Leaf Arena was made possible by the use of structural steel, which was supplied and erected by Dominion Bridge Co. Limited.

## **DOMINION BRIDGE COMPANY LIMITED**

AMHERST  
OTTAWA

MONTREAL  
TORONTO  
WINNIPEG

CALGARY  
VANCOUVER





*Residence of W. R. Souter Esq., Hamilton, Ont.*

*Architects, Hutton & Souter*

## Comfort Acquired . . . Radiation Reduced with Armstrong's Corkboard

Many architects recognize that insulation with Armstrong's Corkboard warrants a substantial reduction in radiation. And the experience of their clients proves the correctness of their counsel. Rooms which are cool in summer and warm and cozy during the severest winter weather bring the declaration from owners of Armstrong insulated houses that they enjoy absolute comfort in all weathers.

Absolute comfort may be assured by insulating with Armstrong's Corkboard. Its first cost is not high and is largely offset by a considerable saving in lath, as plaster clings tenaciously to Armstrong's Corkboard. Another saving is effected in the reduced cost of the smaller heating plant. But the greatest economy of all is that which goes on year

after year as long as the house stands—the saving in fuel.

If you are planning to build, specify Armstrong's Corkboard. No other material will assure you such complete freedom from heating worries. Remember it is just pure cork, ground up, compressed and baked in sheets which can be quickly and easily nailed to joists, studding and rafters, or set in Portland cement mortar directly against masonry walls. Economy and comfort both demand the use of Armstrong's Corkboard in the construction of the truly modern home.

Armstrong Cork and Insulation Co., Limited  
McGill Bldg., Montreal                      522 King St. W., Toronto  
Confederation Life Bldg., Winnipeg

# Armstrong's Corkboard Insulation

*A Heatproof Lining for Walls and Roofs*





**GREATER PENOBSCOT BUILDING, Detroit.** 47 floors, completely equipped with Johnson Control. 2nd to 5th floor Johnson Control on direct radiation and air conditioning. 6th to 47th floor have Johnson Remote Control on riser valves, divided into 36 zones: steam supplied to or shut off from any zone desired.

**PALMOLIVE BUILDING, Chicago.** Direct radiation 12th, 13th, 14th, 34th, 35th, 36th and 37th floors Johnson Controlled: all ventilating apparatus entire building Johnson Controlled.

**DUKE UNIVERSITY HOSPITAL, Durham, N. C.** 1,000 Johnson Thermostats control 1,200 valves on direct radiators: Air washers in Pediatric Ward and Operating Rooms controlled by Johnson Dew Point Thermostats: providing complete air conditioning winter and summer. All refrigeration, both storage and scientific Johnson controlled.

**FORDSON HIGH SCHOOL, Fordson, Mich.** Johnson Dual Thermostat Control on all sources of heat and ventilating units: class rooms, auditorium, gymnasium, swimming pool, business offices, etc.



## THE PROPER CONTROL OF HEAT AND HUMIDITY

The Johnson System, established in 1885, remains today the one right method of heat and humidity control. The forty-six years of heat and humidity control experience supporting The Johnson System is substantial surety of reliability in each essential detail. The thousands of Johnson Control installations successfully functioning in buildings of all kinds everywhere are invaluable evidence upon which to correctly decide which control method, and which system is best for you to install . . . *permanently best after installation is made.*

JOHNSON TEMPERATURE REGULATING CO. OF CANADA LIMITED

97 Jarvis Street » Toronto

- |           |            |                  |                |                  |
|-----------|------------|------------------|----------------|------------------|
| Albany    | Cincinnati | Greensboro, N.C. | Philadelphia   | Seattle          |
| Atlanta   | Cleveland  | Indianapolis     | Pittsburgh     | Calgary, Alta.   |
| Baltimore | Dallas     | Los Angeles      | Portland       | Montreal, Que.   |
| Boston    | Denver     | Los Angeles      | St. Louis      | Winnipeg, Man.   |
| Buffalo   | Des Moines | Minneapolis      | Salt Lake City | Toronto, Ont.    |
| Chicago   | Detroit    | New York         | San Francisco  | Vancouver, B. C. |

# JOHNSON Heat and Humidity Control

The All-Metal System, The All-Perfect Graduated Control Of Valves And Damper. The Dual Thermostat (Two Temperature) or (Night And Day) Control, Fuel Saving 25 to 40 per cent.



# SERVICE

30 Johnson Branches Insure Convenient, Quick Service Anywhere, Any Time. Each Johnson Installation Made By Johnson Mechanics Only. Every Johnson Installation Given Annual Inspection.



# THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA

627 DORCHESTER STREET, WEST - MONTREAL, QUE.

FOUNDED 19th AUGUST, 1907

INCORPORATED BY THE DOMINION PARLIAMENT 16th JUNE, 1908, 1st APRIL, 1912, AND 14th JUNE, 1929

ALLIED WITH THE "ROYAL INSTITUTE OF BRITISH ARCHITECTS"

FEDERATION OF THE ALBERTA ASSOCIATION OF ARCHITECTS; THE ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA; THE MANITOBA ASSOCIATION OF ARCHITECTS; THE MARITIME ASSOCIATION OF ARCHITECTS; THE ONTARIO ASSOCIATION OF ARCHITECTS; THE PROVINCE OF QUEBEC ASSOCIATION OF ARCHITECTS; THE SASKATCHEWAN ASSOCIATION OF ARCHITECTS

---

## OFFICERS 1931

PRESIDENT.....PERCY E. NOBBS (F).....1240 UNION AVE., MONTREAL  
FIRST VICE-PRESIDENT.....JAS. W. HAWKER.....236 CURREY BLDG., WINNIPEG  
SECOND VICE-PRESIDENT.....WM. L. SOMERVILLE (F).....2 BLOOR STREET WEST, TORONTO  
HONORARY SECRETARY.....ALCIDE CHAUSSE (F).....30 ST. JAMES STREET WEST, MONTREAL  
HONORARY TREASURER.....GORDON M. WEST (F).....43 VICTORIA STREET, TORONTO  
SECRETARY, I. MARKUS, 74 KING STREET EAST, TORONTO

## COUNCIL 1931

REPRESENTING THE ALBERTA ASSOCIATION OF ARCHITECTS.....E. UNDERWOOD (F) AND G. H. MACDONALD  
REPRESENTING THE ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA.....S. M. EVELEIGH, JOHN Y. MCCARTER  
AND ANDREW L. MERCER  
REPRESENTING THE MANITOBA ASSOCIATION OF ARCHITECTS.....J. HAWKER, J. H. G. RUSSELL, PP.R.A.I.C. AND  
A. E. CUBBIDGE  
REPRESENTING THE MARITIME ASSOCIATION OF ARCHITECTS.....RENE A. FRECHET (F) AND H. CLAIRE MOTT  
REPRESENTING THE ONTARIO ASSOCIATION OF ARCHITECTS.....J. H. CRAIG, J. P. HYNES, PP.R.A.I.C., B. EVAN PARRY,  
JAMES C. PENNINGTON, H. E. MOORE (F), GORDON M. WEST (F) AND W. L. SOMERVILLE (F)  
REPRESENTING THE PROVINCE OF QUEBEC ASSOCIATION OF ARCHITECTS.....ALCIDE CHAUSSE (F), E. I. BAROTT (F),  
PHILIP J. TURNER (F), J. CECIL MCDUGALL (F), LUDGER VENNE, W. S. MAXWELL (F),  
P. E. NOBBS, P.R.A.I.C. AND J. J. PERREAULT  
REPRESENTING THE SASKATCHEWAN ASSOCIATION OF ARCHITECTS.....WM. SWAN AND DAVID WEBSTER (F)

---

## REPRESENTATIVES OF THE R.A.I.C. ON THE COUNCIL OF THE ROYAL INSTITUTE OF BRITISH ARCHITECTS

PHILIP J. TURNER (F), F.R.I.B.A., *Montreal* DR. RAYMOND UNWIN, F.R.I.B.A., *London, England*

## REPRESENTATIVES OF THE R.A.I.C. ON THE ALLIED SOCIETIES' CONFERENCE (R.I.B.A.)

PERCY E. NOBBS (F), *President, R.A.I.C.* SEPTIMUS WARWICK, F.R.I.B.A., *London, England*

---

## EXECUTIVE COMMITTEE 1931

PERCY E. NOBBS (F), *President*; ALCIDE CHAUSSE (F), *Honorary Secretary*; GORDON M. WEST (F), *Honorary Treasurer*;  
E. I. BAROTT (F), W. S. MAXWELL (F), J. CECIL MCDUGALL (F), PHILIP J. TURNER (F),  
LUDGER VENNE, J. J. PERREAULT AND I. MARKUS, *Secretary*

---

## PAST PRESIDENTS

\*A. F. DUNLOP, *Montreal*. . . . . 1907-08, 1908-09, 1909-10 \*F. S. BAKER, *Toronto*. . . . . 1910-11, 1911-12  
J. H. G. RUSSELL (F), *Winnipeg*. 1912-13, 1913-14, 1914-15 J. P. OUELLET, *Quebec*. . . . . 1915-16, 1916-17, 1917-18  
A. FRANK WICKSON (F), *Toronto*. . . . . 1918-19, 1919-20 DAVID R. BROWN (F), *Montreal*. . . . . 1920-21, 1921-22  
LEWIS H. JORDAN, *Winnipeg*. . . . . 1922-23, 1923-24 JOHN S. ARCHIBALD (F), *Montreal*. . . . . 1924-25, 1925  
J. P. HYNES (F), *Toronto*. . . . . 1926, 1927, 1928

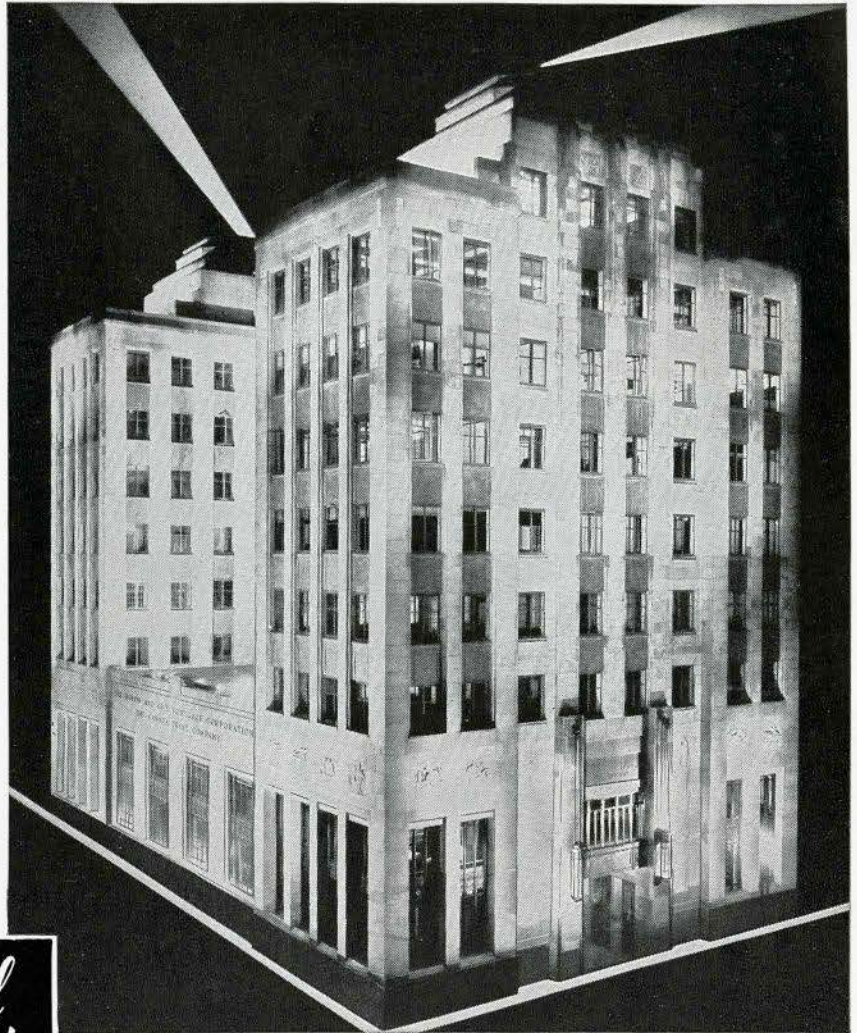
\*Deceased




The new head office of the Huron & Erie Mortgage Corporation in London, Ontario.

Goggin & Ripley, - New York  
Watt and Blackwell, - London  
Architects.

Note the two beacons—the one on the right is a rotating beacon, while that on the left is a directional beacon indicating the location of the London airport.



This Financial House considered  
**WESTINGHOUSE FLOOD-LIGHTING**  
 A  
*Sound investment*



CANADIAN WESTINGHOUSE CO. LIMITED.  
Head Office: HAMILTON, Ont.  
Branch Offices and Repair Shops in all Principal Cities

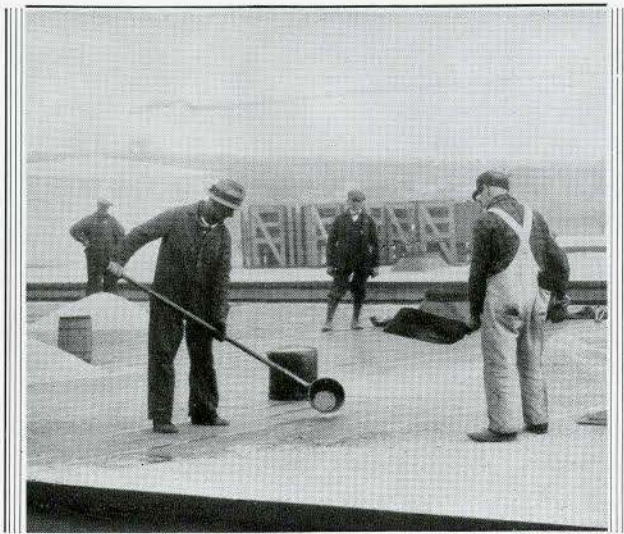
THERE is an old slogan often quoted in financial circles —“Before you invest—investigate!” The Huron and Erie Mortgage Corporation believe in practising what they preach. They would not have made this floodlighting investment unless they knew it would bring returns.

They recognized that efficient floodlighting would pay dividends by focussing public attention on their beautiful new building—that it would help them to capitalize on modern architecture.

Floodlighting is not a passing fad or frill. It is effective advertising. By keeping the buildings alive long after the offices are closed, it sells your services by night—it strengthens the feeling of public confidence in your business.

# Westinghouse





### BONDED ROOFS

A Surety Bond definitely guarantees trouble-free and expense-free service over a period of 10, 15 or 20 years, according to the specification selected. Only authorized Roofers are permitted to apply Murray-Made Bonded Roofs, the entire construction being under the direct supervision of Murray engineers.

# MURRAY ROOFS . .

## *Canada's Choice in 1931*

#### *Some Outstanding 1931 Murray Built-up Roofing Jobs*

●  
Beauharnois Power House,  
*Beauharnois, P.Q.*  
Canadian National Steamship Pier,  
*Vancouver, B.C.*  
Campbell Soups Co.,  
*Toronto, Ont.*  
Chats Falls Power House,  
*Chats Falls, Ont.*  
Patons & Baldwins Ltd.,  
*Toronto, Ont.*  
Sun Life Assurance Co.,  
*Montreal, P.Q.*  
Transit Shed, Saint John Harbour  
Commission  
*Saint John, N.B.*  
World's Grain Show Building,  
*Regina, Sask.*  
Grain Elevator  
*Fort Churchill, Hudson Bay*  
Montreal Tramways Company,  
St. Henri Car Barns,  
*St. Henri, Montreal, P.Q.*

It is significant that the outstanding Built-Up-Roof installations of 1931 have been Murray jobs.

In a year when economy has been the prime consideration this Dominion-wide acceptance of Murray Roofs is a striking commentary on the excellence of their past performance.

It is also conclusive proof that architects and owners everywhere accept Murray Built-Up-Roofs as the standard for every type of building.

Proud of this widespread confidence in Murray Bonded Roofs, Alexander Murray & Company will strive always to maintain the high quality standards and integrity of manufacture which govern all Murray activities.

## *Alexander* **MURRAY & Company** LIMITED

(DOMINION TAR & CHEMICAL CO., LIMITED)

MONTREAL TORONTO HALIFAX SAINT JOHN WINNIPEG VANCOUVER



# THE JOURNAL

ROYAL ARCHITECTURAL INSTITUTE OF CANADA

Serial No. 76

TORONTO DECEMBER, 1931

Vol. VIII, No. 12

---

## CONTENTS

ENTRANCE DETAIL, RESIDENCE OF MRS. A. B. COLVILLE, ST. HENRI DE MASCOUCHE, P.Q..FRONTISPIECE	
PROGRAMME FOR TWENTY-FIFTH ANNUAL MEETING OF R.A.I.C.....	407
ROYAL CANADIAN ACADEMY OF ARTS, ANNUAL MEETING.....	408
CORRESPONDENCE.....	408
AWARDS IN COLUMBUS MEMORIAL LIGHTHOUSE COMPETITION.....	409
R.A.I.C. ARCHITECTURAL EXHIBITION AND AWARDS.....	410
REVIEW OF THE RECENT EXHIBITION OF HOSPITAL ARCHITECTURE HELD IN TORONTO, BY B. EVAN PARRY, F.R.A.I.C.....	423
ACTIVITIES OF THE INSTITUTE.....	428
ACTIVITIES OF PROVINCIAL ASSOCIATIONS.....	429
NOTES.....	430
INDEX TO VOLUME VIII.....	431

---

PUBLISHED EVERY MONTH FOR THE  
ROYAL ARCHITECTURAL INSTITUTE OF CANADA

Editor—I. MARKUS

### EDITORIAL BOARD

Chairman: J. P. HYNES  
Ontario Association of Architects  
JOHN M. LYLE  
Ontario Association of Architects  
PROF. JULES POIVERT  
Quebec Association of Architects

PROF. RAMSAY TRAQUAIR  
Quebec Association of Architects  
ALCIDE CHAUSSE  
Quebec Association of Architects  
E. J. GILBERT  
Saskatchewan Association of Architects  
H. CLAIRE MOTT  
The Maritime Association of Architects

GILBERT PARFITT  
Manitoba Association of Architects  
S. M. EVELEIGH  
British Columbia Association of Architects  
W. G. BLAKEY  
Alberta Association of Architects

### PUBLISHERS ARCHITECTURAL PUBLICATIONS LIMITED

*Publication, Editorial and Advertising Offices*..... 74 King Street East, Toronto  
*Chicago Representative*..... Macintyre & Simpson, 75 East Wacker Drive, Chicago  
*New York Representative*..... L. Ray Nelson, 250 West 57th Street, New York  
*Representative in Great Britain*..... W. H. Dickie, 126 Castellain Mansions, Maida Vale, London, W9, England.

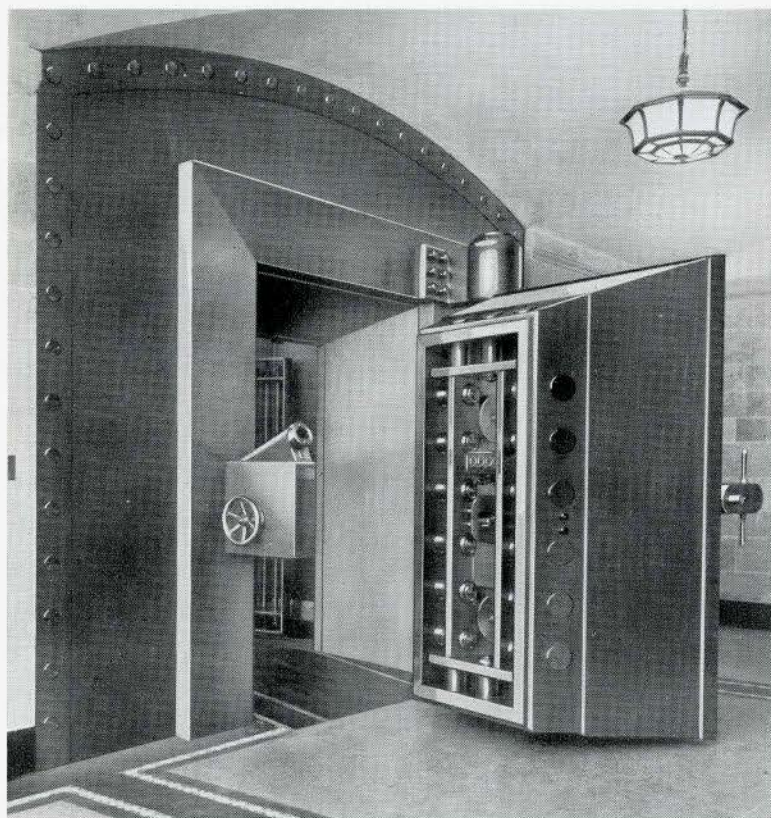
---

### SUBSCRIPTIONS

Canada and Newfoundland—Three Dollars per year. Great Britain, British Possessions, United States and Mexico—Five Dollars per year.  
All Other Countries—Six Dollars per year. Single Copies—Canada 50 Cents; Other Countries 75 Cents.



# This is a Vault We Installed for the Canadian Bank of Commerce



*Safety Deposit Vault Door,  
Weight with Frame 51 Tons*

*Winner of the first Award  
in Office Buildings at the  
Annual R.A.I.C. Exhibi-  
tion of Architecture,  
Montreal.*

## *The Largest Vault Contract ever awarded in Canada*

We are proud to have been commissioned to build and install complete the largest and most

modernly equipped vault in Canada for the magnificent new building of the Canadian Bank of Commerce—by far the largest vault installation in Canada.

This vault is lined with steel throughout. Including the Safety Deposit Vault door and frame weighing 51 tons and three other doors weighing 42 tons each, the total weight of metal used in this massive installation totals 451 tons.

It is of interest to note that 96 per cent of the material used was Canadian and the vault fabricated and installed by Canadian workmen and a Canadian Company.

**J. & J. TAYLOR LIMITED**  
**TORONTO SAFE WORKS**

**HEAD OFFICE: TORONTO, CANADA**

Makers of Steel Vaults, Doors, Safes, Cabinets, etc., since 1855

MONTREAL  
WINNIPEG  
VANCOUVER



NATIONAL BREWERIES LIMITED, MONTREAL « « « « « « « HEAD OFFICE



A HAPPY combination of bronze and aluminum in the balustrade at the National Breweries Office, Montreal. The complete contract included Main Entrance and Vestibule Door Grilles, Frames and Transoms, Grilles, Railings, etc.

*Architect, H. L. Fetherstonhaugh, A.R.I.B.A.*

*Contractors, The Atlas Construction Co. Limited.*

THE ROBERT MITCHELL COMPANY, LIMITED  
MONTREAL TORONTO

METALWORK IS ESSENTIAL TO MODERN ARCHITECTURE



# Modern Schoolrooms must be acoustically correct

*Say educational authorities*



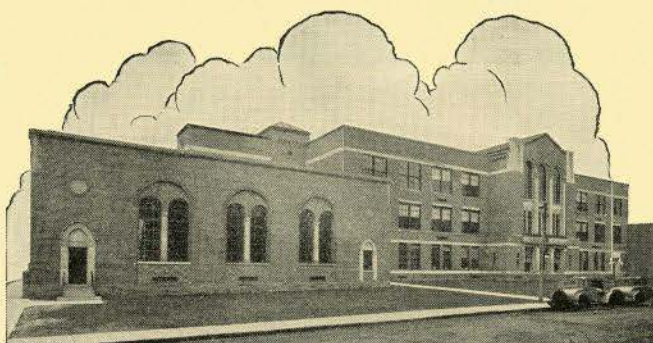
The Duke of York School, Toronto where DONNACONA Acoustical Tile has been used with great success.



TEACHERS are finding the necessity for correct acoustical conditions in all lecture halls and schoolrooms. Words must not be lost in whispering echoes and reverberations if the pupils are to receive full benefit of their school hours. Noise must be kept at low level too, as concentration is necessary to school success. DONNACONA Acoustical Tile is made in THREE types each suited to special needs — each showing a maximum efficiency relative to cost. Price House Technical Services Department will cooperate with architects and builders on all acoustical problems.

*Donnacona Acoustical Tile is made in three types:*

- Type "A", coefficient of absorption 28% to 35%
- Type "B", " " " " 40% to 50%
- Type "C", " " " " 50% to 60%



# DONNACONA

ACOUSTICAL  TILE

*A product of PRICE BROTHERS & COMPANY, Limited, Quebec, Canada  
(Established over a hundred years)*





ENTRANCE DETAIL,  
RESIDENCE OF MRS. A. B. COLVILLE, ST. HENRI DE MASCOUCHE, P.Q.

*BAROTT & BLACKADER, Architects*  
(First Award—Residences costing over \$25,000.—R.A.I.C. Architectural Exhibition)



# THE JOURNAL

## ROYAL ARCHITECTURAL INSTITUTE OF CANADA

Serial No. 76

TORONTO, DECEMBER, 1931

Vol. VIII, No. 12

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA

### TWENTY-FIFTH GENERAL ANNUAL MEETING

AT THE

LOG CHATEAU (LUCERNE-IN-QUEBEC), MONTEBELLO, QUE.  
ON FRIDAY AND SATURDAY, THE 19TH AND 20TH FEBRUARY, 1932.

#### Programme

##### FRIDAY, THE 19TH FEBRUARY, 1932

- |  |  |
|--|--|
| <p>9.30 A.M.—Registration of Members and Guests at the Information Office on the Rotunda Floor.</p> <p>10.00 A.M.—Meeting of the Executive Committee of the Council in Room 215, Rotunda Floor.</p> <p>11.00 A.M.—Meeting of the (1931) Council in Room 215, Rotunda Floor.</p> <p>12.00 Noon—Inaugural session of the Twenty-Fifth General Annual Meeting of the Royal Architectural Institute of Canada in Ball Room, Mezzanine Floor.</p> <p>(a) Reading and adoption of the Minutes of the Twenty-Fourth General Annual Meeting of The Royal Architectural Institute of Canada, held at Montebello, (Lucerne-in-Quebec) on the 20th and 21st February, 1931;</p> <p>(b) Business arising out of the Minutes;</p> <p>(c) Report of the Council.</p> <p>12.50 P.M.—Group photograph to be taken.</p> <p>1.00 P.M.—Luncheon.</p> <p>2.30 P.M.—Business session.</p> <p>(d) Discussion on the report of the Council;</p> | <p>(e) Reports of the Standing Committees;</p> <p>(1) Architectural Training,<br/>Mr. W. S. Maxwell (F), Chairman;</p> <p>(2) Scholarships,<br/>Mr. J. Cecil McDougall (F), Chairman;</p> <p>(3) Art, Science and Research,<br/>Mr. B. Evan Parry (F), Chairman;</p> <p>(4) Professional Usage,<br/>Mr. Percy E. Nobbs (F), Chairman;</p> <p>(5) Public Relations,<br/>Mr. Gordon M. West (F), Chairman;</p> <p>(6) Editorial Board, Journal, R.A.I.C.<br/>Mr. J. P. Hynes (F), Chairman;</p> <p>(f) Report of the Honorary Treasurer, including the Auditor's report. Mr. Gordon M. West, Honorary Treasurer;</p> <p>(g) Reports of the Election of Delegates from the Component Societies to the (1932) Council of the Royal Architectural Institute of Canada.</p> <p>7.30 P.M.—Dinner and Address by John M. Lyle (F).</p> <p>9.00 P.M.—Meeting of the Fellows of the R.A.I.C.</p> |
|--|--|

##### SATURDAY, THE 20TH FEBRUARY, 1932

- |   |  |
|---|--|
| <p>9.30 A.M.—Sports, etc.</p> <p>10.30 A.M.—Business Session.</p> <p>(h) Unfinished business from previous session;</p> <p>(i) Discussion on Professional Charges;</p> <p>(j) New business.</p> <p>1.00 P.M.—Luncheon.</p> <p>2.30 P.M.—Meeting of the (1932) Council in Room 215, Rotunda Floor.</p> <p>(1) Election of Officers;</p> <p>(2) Appointment of the Executive Committee;</p> <p>(3) Budget for 1932;</p> <p>(4) Appointment of an Auditor;</p> | <p>(5) Appointment of Standing Committees and the Editorial Board of "The Journal, R.A.I.C.";</p> <p>(6) Delegation of powers to Executive Committee;</p> <p>(7) Authorization for the Honorary Treasurer to pay certain expenses;</p> <p>(8) Place of next Annual Meeting;</p> <p>(9) Other business.</p> <p>2.30 P.M.—Outdoor Sports for those not attending Meeting of the Council.</p> <p>7.30 P.M.—Annual Banquet.<br/>Presentations.</p> |
|---|--|

#### LADIES

Special arrangements will be made for the entertainment of the ladies attending the convention and they are also invited to be present at the Banquet.

#### COMMITTEE OF ARRANGEMENTS

Messrs. Percy E. Nobbs, Gordon M. West, W. S. Maxwell, J. Cecil McDougall, J. J. Perreault, Philip J. Turner, Ludger Venne, W. L. Somerville, B. Evan Parry and Alcide Chausse.

This programme is subject to change. Announcements of changes will be made at the Business Sessions.

627 West Dorchester Street,  
Montreal, 1st December, 1931.

PERCY E. NOBBS, *President*.  
ALCIDE CHAUSSE, *Honorary Secretary*.



## The Royal Canadian Academy of Arts

THE General Assembly of the Royal Canadian Academy of Arts was held at the galleries of the Art Association of Montreal, on Friday, November 20th, 1931. The following officers were elected for the ensuing year:

E. Wyly Grier, Toronto, president; W. S. Maxwell, Montreal, vice-president; C. W. Simpson, Montreal, treasurer, and E. Dyonnet, Montreal, secretary. Council (one year): C. W. Simpson, Montreal; J. W. Beatty, Toronto; G. Horne Russell, Montreal; John M. Lyle, Toronto; Henri Hebert, Montreal, and A. Y. Jackson, Toronto. (Two years): Maurice Cullen, Montreal; Hugh G. Jones, Montreal; E. Dyonnet, Montreal; Percy E. Nobbs, Montreal; F. S. Challener, Toronto, and Hugh Vallance, Montreal.

Mr. J. E. H. MacDonald, A.R.C.A., painter, of Toronto, was elected a full Academician. Miss Dorothy Stevens and Miss Stella Grier, both of Toronto, were elected associate painter members, and Mr. W. J. Phillips of Winnipeg was elected an associate engraver.

The fifty-second annual exhibition of the Royal Canadian Academy was officially opened by the president, Mr. E. Wyly Grier, on Thursday evening, November 19th, at the galleries of the Art Association of Montreal, and will remain open until December 20th. A review of the exhibition by W. S. Maxwell, R.C.A., F.R.A.I.C., will be published in the January issue of THE JOURNAL.

### INDEX TO VOLUME VIII OF THE JOURNAL, R.A.I.C.

On page 431 of this issue will be found the index for 1931. Care has been taken to secure completeness and accuracy and, by cross references, to make the finding of any article or illustration comparatively easy. A feature of the index is the enumeration of both issue and page, so that both those who bind the volume and those who keep the monthly issues separate, will have a ready means of locating the desired reference.

### CORRESPONDENCE

The Secretary,  
Royal Architectural Institute of Canada.

Dear Sir:

I am today in receipt of your letter of November 16th, together with a copy of THE JOURNAL of the Royal Architectural Institute of Canada. I have read with tremendous interest and very, very great pleasure the signed editorial by Gordon M. West, chairman of the committee on public relations. This is an excellent article. I commend your chairman most earnestly for his broadmindedness and public spirited action.

Yours sincerely,  
H. H. STEVENS,  
Minister of Trade and Commerce, Ottawa.

Gordon M. West, Esq.,  
Chairman, Public Relations Committee, R.A.I.C.

Dear Sir:

I read with a great deal of interest the editorial entitled "The Architects' Responsibility" which appeared in the November issue of THE JOURNAL.

If you will be good enough to send me nine additional copies of this issue I will send a copy to each of our divisions throughout the country asking the secretaries to draw the attention of their committees to this editorial.

J. T. STIRRETT, *General Secretary*,  
Canadian Manufacturers Association.

Gordon M. West, Esq.,  
Chairman, Public Relations Committee, R.A.I.C.

Dear Sir:

Your editorial on "The Architects' Responsibility" in the November issue of THE JOURNAL was very much appreciated by the writer.

I am heartily in agreement with the sentiments expressed therein, we need more of the spirit you suggest. Sound sentiment is quite compatible with good business despite the oft repeated catch phrase that there is "no sentiment in business."

Canadian architects must keep more in step with the march of national tendencies.

S. T. J. FRYER (F),  
Toronto.

Gordon M. West, Esq.,  
Chairman, Public Relations Committee, R.A.I.C.

Dear Sir:

Your contribution to the November issue of THE JOURNAL as chairman of the committee on public relations is conceived to be worthy of great commendation, and I desire to congratulate you personally upon your excellent effort.

I wish to state that the sentiments so well expressed, in my opinion, cannot but have a very salutary influence upon Canadian prosperity and I believe that in so prominently advocating these principles, you have greatly advanced the value of your excellent association to Canada, and that the individual members are bound to reap a just reward by adopting this policy.

Wishing you every success, I am,  
Yours very truly,

C. W. DOOLITTLE, *President*,  
Canada Crushed Stone Corp., Ltd.



## Awards In Columbus Memorial Lighthouse Competition

ONE of the largest architectural competitions held in recent years came to a close on October 17th, when J. L. Gleave, architect of Nottingham, England, was awarded first prize in the Columbus Memorial Lighthouse Competition, which carries with it the appointment of architect for the construction of the memorial as soon as the necessary funds for its erection have been collected.

The competition, which was open to architects from every part of the world, was held in two stages, the first stage commencing on September 1st, 1928, and the second on March 30th, 1930. Four hundred and fifty-five architects from forty-eight different countries took part in the first stage of the competition, and in April, 1929, an International Jury of Award, selected by the competitors, consisting of Horacio Acosta y Lara, chairman, representing Latin America, Eliel Saarinen, representing Europe and Raymond Hood, representing North America, met at Madrid, Spain, and after carefully examining the designs submitted, selected

the ten most outstanding designs, for which prizes of two thousand dollars each were awarded, and also declared the authors eligible to take part in the final stage of the competition.

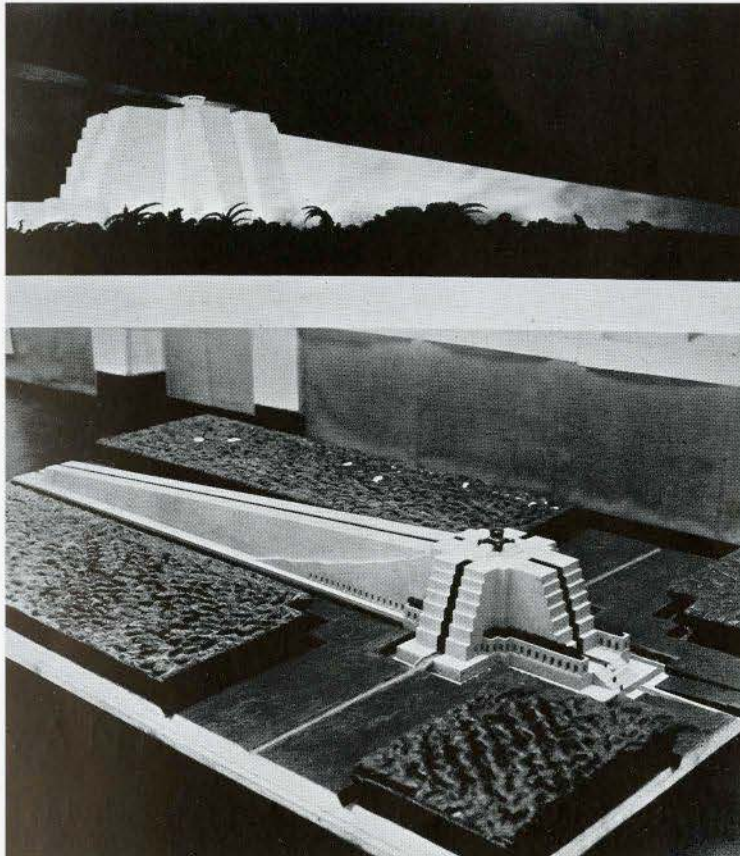
On October 17th the designs submitted in the final stage of the competition were examined at Rio de Janeiro by the jury of award, the personnel of which was the same as the first jury, with the exception of Frank Lloyd Wright who took the place of Raymond Hood. Following the judging of these designs, prizes were awarded as follows: first prize, \$10,000, J. L. Gleave, Nottingham, England; second prize, \$7,500, Donald Nelson and Edgar Lynch, Chicago, Ill.; third prize, \$5,000, Joaquin Vaquero Palacios and Luis Moya Blanco, Madrid, Spain; fourth prize, \$2,500, Theo Lescher, Paul Andrieu and Maurice Gauthier, Paris, France.

Additional prizes of \$1,000 each were awarded to the other six competitors, namely, Louis Berthin, Georges Doyon and Georges Nestoroff, Paris, France; Josef Wentzler, Dortmund, Germany; Corbett, Harrison and MacMurray, New York, N.Y.; Pippo Modori, Rome, Italy; Douglas D. Ellington, Asheville, N.C., and Will Rice Amon, New York, N.Y.

In commenting on the designs submitted in the competition, the International Jury made the following statement in connection with the winning design:

"Although expressions of new resources in construction characterizing our twentieth-century are absent, one design, making wonderful use of light, does take refuge in a directness, simplicity and force worthy the great monuments of the ages. This design is symbolic but not to the point where symbolism interferes with the simple beauty of the work as architecture.

"Seen from the air or from environment, the simple mass becomes a noble elemental feature



WINNING DESIGN  
J. L. Gleave, Architect

of the ground in character worthy of the steadfast courage and faith of the Great Discoverer it commemorates. The cruciform canyon, emitting or receiving light, would be truly impressive from the interior and agreeably cool in a tropical climate. The whole has idea, unity and avoids by a certain rational force the dull craze for altitude and the persistent erection of the 'post.' This design recognizes the fact that dignity and power of architectural conception is no matter of height. Construction is simple throughout, requiring no elaborate foundations, it may easily be made earthquake proof, and in point of cost is below that of any design submitted. Probably well within programme limit.

"The jury gladly and unanimously awards to this competent design by J. L. Gleave of Nottingham, England, the first prize. And the practical object of the competition has been achieved."





*First Award—Class I—Monumental Buildings*  
 MASONIC TEMPLE, MONTREAL  
 John S. Archibald, Architect

## R. A. I. C. Architectural Exhibition and Awards

THE success of the first R.A.I.C. exhibition which was held in Toronto last year resulted in a recommendation being made at the last annual meeting of the Institute to hold similar exhibitions annually in the future. It was also decided that, in addition to awarding the gold medal for the building of most outstanding merit, other awards would be given in the following classes:

- I. Monumental Buildings
- II. Public Buildings
- III. Office Buildings
- IV. Churches
- V. Domestic—
  - (a) Residences costing over \$25,000
  - (b) Residences costing under \$25,000
  - (c) Interiors

Through the kindness of the Royal Canadian Academy of Arts and the Art Association of Montreal, arrangements were made to hold this year's exhibition in conjunction with the fifty-second annual exhibition of the R.C.A. at the galleries of the Art Association of Montreal.

Members were invited to submit for exhibition photographic enlargements, 16 in. x 20 in. in size, of buildings completed during the past three years. These enlargements were to be accompanied by supplementary 8 in. x 10 in. unmounted photographs for the use of the jury, together with a plan of the principal floor. The response was very gratifying, over one hundred and seventy enlargements having been sent in by the members.

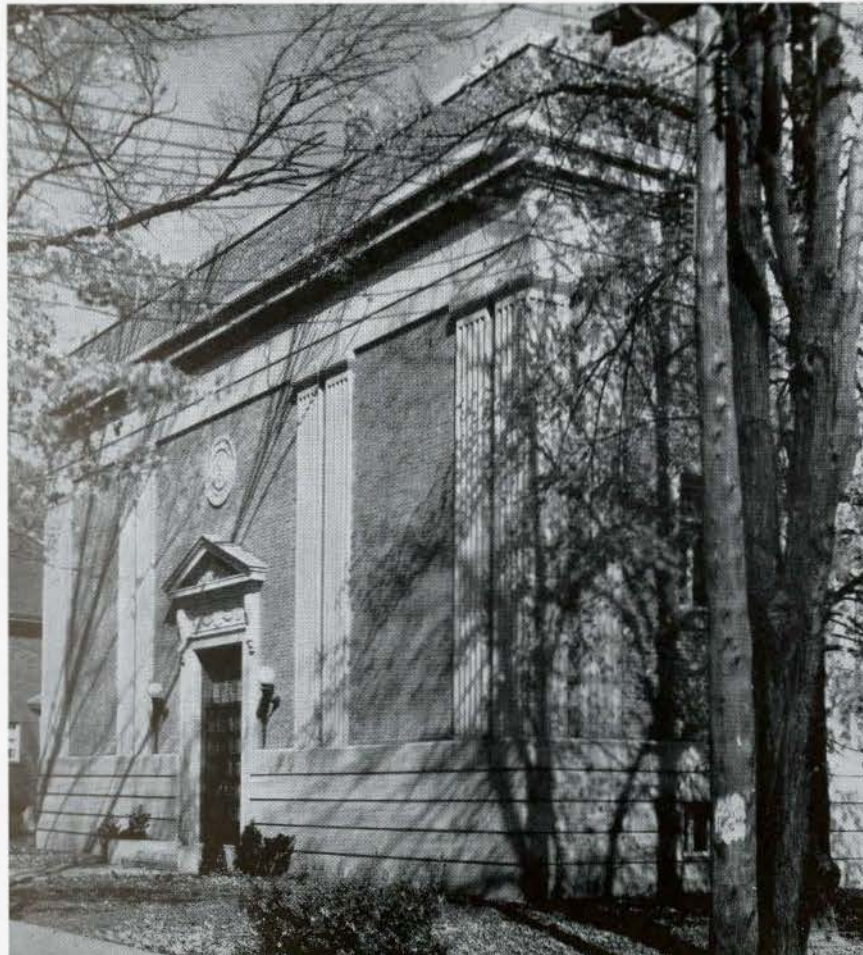
The photographs were hung under the supervision of the R.A.I.C. committee on exhibitions and awards, of which Mr. Philip J. Turner is chairman. The following is a list of the buildings exhibited:

BUILDING	ARCHITECT
Bank of Nova Scotia, Halifax.....	<i>John M. Lyle</i>
Provincial Paper Company's Offices, Toronto.....	<i>Marani, Lawson &amp; Morris</i>
Medical Arts Building, Toronto.....	<i>Marani, Lawson &amp; Paisley</i>
Drummond Medical Building, Montreal.....	<i>Nobbs &amp; Hyde</i>
Marine Building, Vancouver.....	<i>McCarter &amp; Nairne</i>
Abitibi Power and Paper Company's Offices, Toronto.....	<i>Marani, Lawson &amp; Morris</i>
Ellis Brothers' Store, Toronto.....	<i>Mathers &amp; Haldenby</i>
Industrial Life Insurance Company Building, Sherbrooke.....	<i>Lawson &amp; Little</i>
Jones and Heward Offices, Montreal.....	<i>N. I. Chipman</i>
Scott and Sons' Gallery, Montreal.....	<i>N. I. Chipman</i>
Canada Life Building, Toronto.....	<i>Sproatt &amp; Rolph</i>



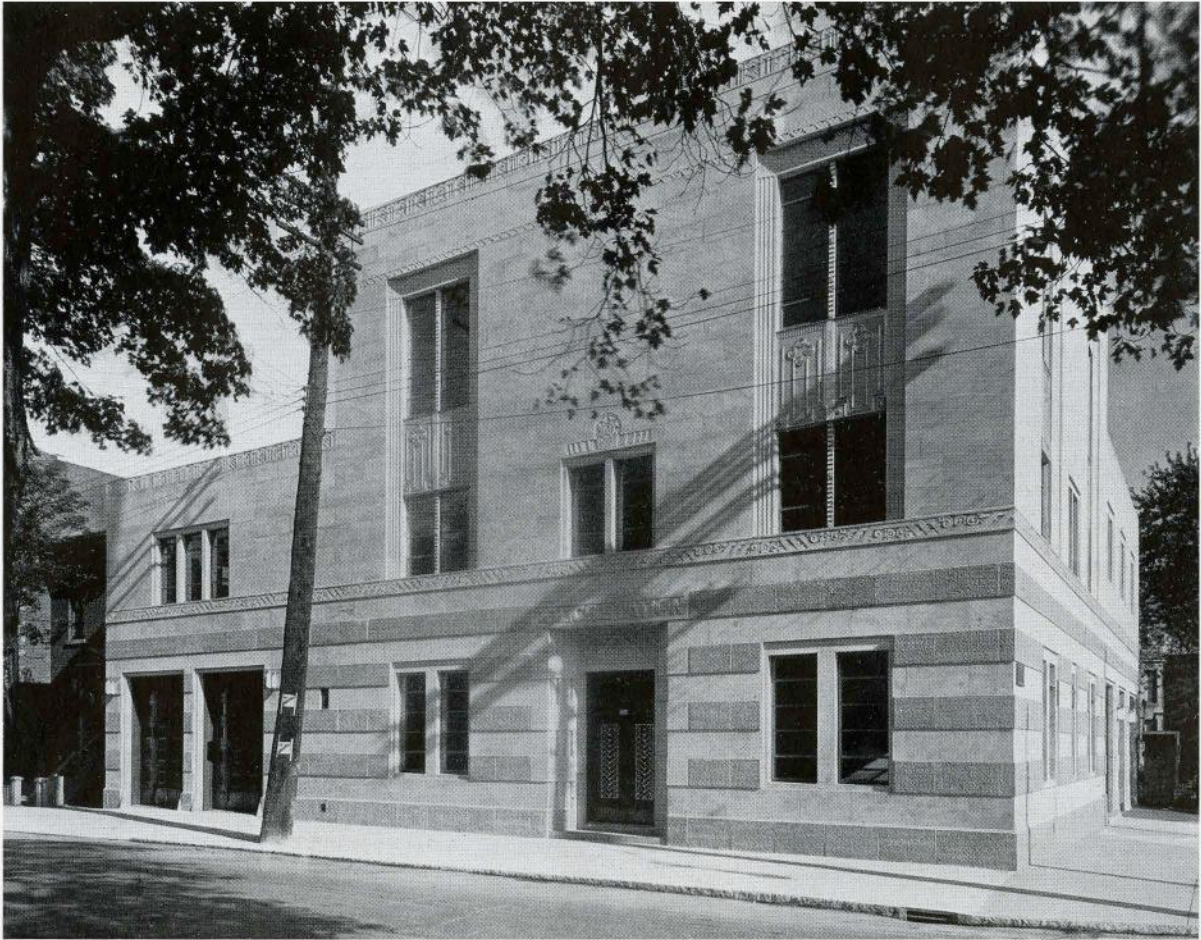
BUILDING	ARCHITECT
Aldred Building, Montreal.....	<i>Barott &amp; Blackader</i>
Canadian Bank of Commerce, Toronto.....	<i>Darling &amp; Pearson, York &amp; Sawyer, Consultants</i>
Canada Permanent Building, Toronto.....	<i>F. Hilton Wilkes, Mathers &amp; Haldenby, Associates Sproatt &amp; Rolph, Consultants</i>
Hanson Brothers, Inc., Offices, Montreal.....	<i>H. L. Fetherstonhaugh</i>
National Breweries Building, Montreal.....	<i>H. L. Fetherstonhaugh</i>
Store for Creeds Limited, Toronto.....	<i>Marani, Lawson &amp; Morris</i>
University Club of Toronto, Toronto.....	<i>Mathers &amp; Haldenby F. Hilton Wilkes, Associate</i>
Masonic Temple, Montreal.....	<i>John S. Archibald</i>
Royal Victoria College, Montreal.....	<i>Nobbs &amp; Hyde</i>
Laboratory and Research Building, McGill University, Montreal.....	<i>A. T. Galt Durnford</i>
Masonic Temple, Oshawa.....	<i>W. L. Somerville</i>
Fire and Police Station, Montreal.....	<i>Shorey &amp; Ritchie</i>
Sports Club House, Lucerne-in-Quebec.....	<i>Lawson &amp; Little</i>
Bank of Montreal, Quebec, P.Q.....	<i>Lawson &amp; Little</i>
St. Henri Fire and Police Station, Montreal.....	<i>Ludger &amp; Paul M. Lemieux</i>
St. Henri Market, Montreal.....	<i>Ludger &amp; Paul M. Lemieux</i>
Laundry, Montreal.....	<i>Henri S. Labelle</i>
Sports Building, Sherbrooke, Que.....	<i>H. G. James</i>
Ontario Research Foundation, Labora- tory Building, Toronto.....	<i>Mathers &amp; Haldenby</i>
Whitney Hall, University College, Toronto.....	<i>Mathers &amp; Haldenby John M. Lyle, Consultant</i>
C.N.R. Hotel, Halifax, N.S.....	<i>John S. Archibald John Schofield, Associate</i>
Douglas Memorial Hospital, Fort Erie, Ont.....	<i>W. L. Somerville</i>
Emmanuel College, Toronto.....	<i>Sproatt &amp; Rolph</i>
Divinity Hall, Montreal.....	<i>H. L. Fetherstonhaugh</i>
Memorial Chapel, St. James Cathedral, Montreal.....	<i>Ludger Lemieux</i>
Parish Hall, Toronto.....	<i>W. L. Somerville</i>
St. Philip's Church, Montreal West.....	<i>Philip J. Turner &amp; S. H. Maw</i>
Westmount Park Church, Westmount.....	<i>Perry &amp; Luke</i>
Funeral Chapel, Jos. C. Wray and Bro., Montreal.....	<i>Hutchison &amp; Wood</i>
Residence, Senator Donat Raymond, Montreal.....	<i>Robert &amp; F. R. Findlay</i>

BUILDING	ARCHITECT
Residence, Harold Soper, Esq., Montreal.....	<i>Robert &amp; F. R. Findlay</i>
Residence, J. L. Goad, Esq., Toronto.....	<i>Mathers &amp; Haldenby</i>
Residence, A. C. Price, Esq., Quebec.....	<i>Lawson &amp; Little</i>
Residence, F. W. Sharp, Esq., West- mount.....	<i>Perry &amp; Luke</i>
Residence, H. C. Walker, Esq., Toronto.....	<i>Marani, Lawson &amp; Paisley</i>
Residence, J. H. Price, Esq., Valcartier, Que.....	<i>Marani, Lawson &amp; Morris</i>
Residence, Hon. Gordon W. Scott, Westmount.....	<i>Hutchison &amp; Wood</i>
Residence, Sigmund Samuel, Esq., Toronto.....	<i>Sproatt &amp; Rolph</i>
Residence on the Hill, Toronto.....	<i>D. Mackenzie Waters</i>
Residence, J. E. Dodds, Esq., West- mount.....	<i>H. L. Fetherstonhaugh</i>
Residence, D. S. McMaster, Esq., Westmount.....	<i>H. L. Fetherstonhaugh</i>
Residence, T. W. McNulty, Esq., Montreal.....	<i>H. L. Fetherstonhaugh</i>
Residence, C. W. Webster, Esq., West- mount.....	<i>H. L. Fetherstonhaugh</i>
Residence, Armand Chevalier, Esq., Semmeville, P.Q.....	<i>J. Cecil McDougall</i>
Residence at Shediac, N.B.....	<i>A. T. Galt Durnford</i>
Residence, Forest Hill Village Toronto.....	<i>W. L. Somerville</i>
Residence, Mrs. J. S. Burnside, Toronto.....	<i>Henry J. Burden &amp; G. Roper Gouinlock</i>
Residence, Mrs. A. B. Colville, St. Henri de Mascouche, Que.....	<i>Barott &amp; Blackader</i>
Residence, N. A. Timmins, Esq., West- mount.....	<i>John S. Archibald</i>
Residence, G. Heward, Esq., Toronto.....	<i>D. Mackenzie Waters</i>
Residence, Scott Griffin, Esq., Toronto.....	<i>Mathers &amp; Haldenby</i>
Residence, Redpath Crescent, Montreal.....	<i>A. T. Galt Durnford</i>
Residence, Cartierville, Que.....	<i>A. T. Galt Durnford</i>
Residence, Arthur F. White, Esq., Toronto.....	<i>Mathers &amp; Haldenby</i>
Residence, Westmount, Que.....	<i>Maxwell &amp; Pitts</i>
Residence, Westmount, Que.....	<i>N. I. Chipman</i>
Country House, Quebec.....	<i>N. I. Chipman</i>
Residence, M. S. Mitchell, Esq., Sher- brooke.....	<i>Perry &amp; Luke</i>
Residence, F. K. Morrow, Esq., Toronto.....	<i>G. Roper Gouinlock</i>



Honourable Mention—Class I—Monumental Buildings  
 MASONIC TEMPLE, OSHAWA, ONT.  
 Wm. L. Somerville, Architect





*First Award—Class II—Public Buildings*  
 FIRE AND POLICE STATION, MONTREAL  
 Shorey & Ritchie, Architects



*Honourable Mention—Class II—Public Buildings*  
 WHITNEY HALL, UNIVERSITY COLLEGE, TORONTO  
 Mathers & Haldenby, Architects      John M. Lyle, Consultant





*Honourable Mention—Class II—Public Buildings*  
UNIVERSITY CLUB, TORONTO  
Mathers & Haldenby, Architects      F. Hilton Wilkes, Associate





*First Award—Class III—Office Buildings*  
CANADIAN BANK OF COMMERCE BUILDING, TORONTO  
Darling & Pearson, Architects      York & Sawyer, Consulting Architects





*Honourable Mention—Class III—Office Buildings*  
ALDRED BUILDING, MONTREAL  
Barott & Blackader, Architects





*Honourable Mention—Class III—Office Buildings*  
 MEDICAL ARTS BUILDING, TORONTO  
 Marani, Lawson & Paisley, Architects

Prior to the opening of the exhibition, the jury of award, consisting of Hugh G. Jones, chairman, Ernest Cormier and J. Melville Miller of Montreal, A. H. Chapman and H. E. Moore of Toronto, and Professor A. Panichelli of Quebec, met and after careful consideration of the buildings exhibited, made eighteen awards, including seven firsts and eleven honourable mentions.

A copy of the jury's report is published herewith: To the President, Executive Committee and Council,

Royal Architectural Institute of Canada.  
 Gentlemen:

Your committee of award: Messrs. A. H. Chapman and H. E. Moore of Toronto; Prof. A. Panichelli of Quebec; Ernest Cormier, J. Melville Miller and Hugh G. Jones of Montreal, met at the Art Association Galleries at Montreal on Thursday morning, November 19th, and after careful consideration of one hundred and forty-nine photo-

graphs of seventy-eight buildings, entered by twenty-six architects (or firms), agreed upon the following awards:—

*R.A.I.C. Gold Medal*  
*No Award.*

CLASS I—MONUMENTAL BUILDINGS

*First award*, Masonic Temple, Montreal, John S. Archibald, architect.

*Honourable mention*, Masonic Temple, Oshawa, Wm. L. Somerville, architect.

CLASS II—PUBLIC BUILDINGS

*First award*, Fire and Police Station, Montreal, Shorey and Ritchie, architects.

*Honourable mention*, University Club, Toronto, Mathers and Haldenby, architects; F. Hilton Wilkes, associate.

*Honourable mention*, Whitney Hall, University College, Toronto, Mathers and Haldenby, architects; John M. Lyle, consultant.



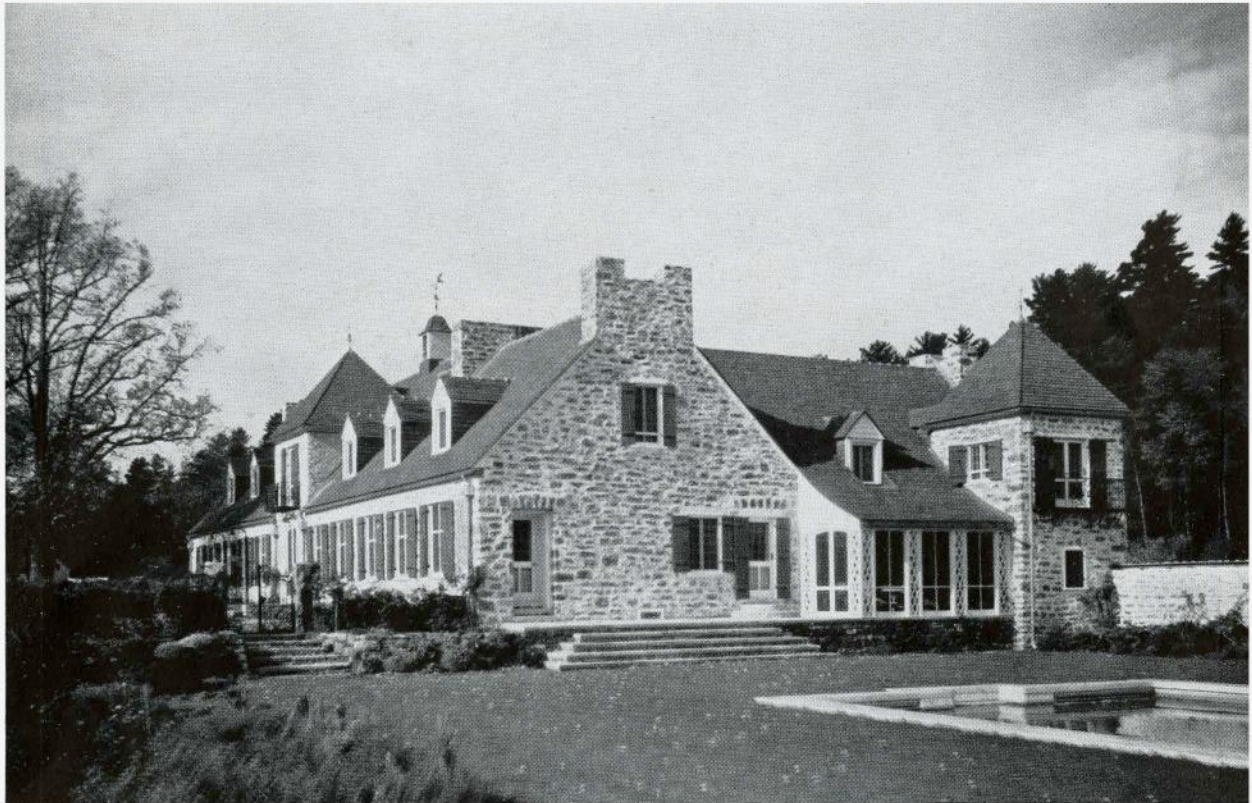


*Honourable Mention—Class III—Office Buildings*  
BUILDING FOR PROVINCIAL PAPER LIMITED, TORONTO  
Marani, Lawson & Morris, Architects



*First Award—Class IV—Churches*  
ST. PHILIP'S CHURCH, MONTREAL WEST  
Philip J. Turner and S. H. Maw, Architects





*First Award—Class V (a)—Residences Costing Over \$25,000*  
RESIDENCE OF MRS. A. B. COLVILLE, ST. HENRI DE MASCOUCHE, P.Q.  
Barott & Blackader, Architects



*Honourable Mention—Class V (a)—Residences Costing over \$25,000*  
RESIDENCE OF MRS. J. S. BURNSIDE, TORONTO  
Henry J. Burden and G. Roper Gouinlock, Architects





*Honourable Mention—Class V (a)—Residences Costing over \$25,000*  
RESIDENCE OF J. H. PRICE, ESQ., VALCARTIER, P.Q.  
Marani, Lawson & Morris, Architects



*Honourable Mention—Class V (a)—Residences Costing over \$25,000*  
RESIDENCE OF SIGMUND SAMUEL, ESQ., TORONTO  
Sproatt & Rolph, Architects





*First Award—Class V (b)—Residences Costing under \$25,000*  
 RESIDENCE ON REDPATH CRESCENT, MONTREAL  
 A. T. Galt Durnford, Architect



*First Award—Class V (c)—Domestic Interiors*  
 LIVING ROOM, RESIDENCE OF N. A. TIMMINS ESQ., WESTMOUNT, QUE.  
 John S. Archibald, Architect



## CLASS III—OFFICE BUILDINGS

*First award*, Canadian Bank of Commerce Building, Toronto, Darling and Pearson, architects; York and Sawyer, consultants.

*Honourable mention*, Aldred Building, Montreal, Barott and Blackader, architects.

*Honourable mention*, Medical Arts Building, Toronto, Marani, Lawson and Paisley, architects.

*Honourable mention*, Building for Provincial Paper Limited, Toronto, Marani, Lawson and Morris, architects.

## CLASS V (b)—RESIDENCES COSTING UNDER \$25,000

*First award*, Residence on Redpath Crescent, Montreal, A. T. Galt Durnford, architect.

## CLASS V (c)—DOMESTIC INTERIORS

*First award*, Living Room, Residence of N. A. Timmins, Esq., Westmount, John S. Archibald, architect.

*Honourable mention*, Dressing Room in Residence, Westmount, Maxwell and Pitts, architects.

*Honourable mention*, Detail of Fireplace in Residence, Cartierville, A. T. Galt Durnford, architect.



*Honourable Mention—Class V (c)—Domestic Interiors*  
DRESSING ROOM IN RESIDENCE, WESTMOUNT, QUE.  
Maxwell & Pitts, Architects

## CLASS IV—CHURCHES

*First award*, St. Philip's Church, Montreal West, Philip J. Turner and S. H. Maw, architects.

## CLASS V (a)—RESIDENCES COSTING OVER \$25,000

*First award*, Residence of Mrs. A. B. Colville, St. Henri de Mascouche, Que., Barott and Blackader, architects.

*Honourable mention*, Residence of Mrs. J. S. Burnside, Toronto, Henry J. Burden and G. Roper Gouinlock, architects.

*Honourable mention*, Residence of J. H. Price, Esq., Valcartier, Que., Marani, Lawson and Morris, architects.

*Honourable mention*, Residence of Sigmund Samuel, Esq., Toronto, Sproatt and Rolph, architects.

Your committee offers its congratulations to the contributing architects on the number and high average quality of entries, and notes with considerable regret that with but two exceptions, the entries are from Montreal and Toronto. We suggest that if the R.A.I.C. is to effectively function in nationally raising the standards of architecture, and an architectural public consciousness, some means must be devised for enlisting the co-operation of architects in the smaller cities.

The number of fine things shown is embarrassing, but it is unfortunate that the classifications fixed by the rules do not permit of a more rational distribution of awards. The honourable mentions represent our effort to, in a limited degree, do justice to some of the good work shown and, in the public interest, to direct attention to examples of work that a



committee of architects recognizes as good building in the fine art sense. A perhaps impracticable suggestion for the future is that entries be made without class designation, and that, depending upon the classes and numbers of entries, classification for awards be arranged by the exhibition committee after examining the entries. The committee of award might, with advantage, co-operate in this.

the work illustrated. Consideration may properly be given to the advisability of clearly stating in the announcements for future exhibitions that judgment of merit will be solely based upon the external or internal (as the case may be) appearance of the work, as illustrated by the exhibited photographs.

The disposition shown by many of the exhibitors



*Honourable Mention—Class V (c)—Domestic Interiors*  
 DETAIL OF FIREPLACE IN RESIDENCE, CARTIERVILLE, P.Q.  
 A. T. Galt Durnford, Architect

Your committee is disposed to question the value of the accessory photographs and plans that have been called for. Whatever value this additional material may have in a narrowly technical sense, it has but a limited, and if shown to the public, a entirely incomprehensible value in determining the fine art value of building work. We suggest that in future such material be at least limited to what may be necessary to make clear any unusual plan or structural conditions affecting the appearance of

to submit an unnecessary number of photographs of one building, has been the cause of some embarrassment to Mr. Turner's exhibition committee. Space in even the large gallery at our disposal has been decidedly at a premium. We suggest that a somewhat smaller size of mount will also lessen the difficulties of the hanging committee, and improve the appearance of the exhibition.

For the committee,

(Signed) HUGH G. JONES, *Convenor.*

*Note: The Exhibition opened on November 19th and will continue until December 20th.*





PROPOSED JEWISH GENERAL HOSPITAL, MONTREAL

*J. Cecil McDougall, F.R.A.I.C., Architect**C. Davis Goodman, M.R.A.I.C., Associate Architect**Dr. S. S. Goldwater, Consultant*

## Review of the Recent Exhibition of Hospital Architecture Held in Toronto

By B. EVAN PARRY, F.R.A.I.C.

Director of Hospital Advisory Services,  
Department of Pensions and National Health, Canada.

THE hospital is a community necessity, which claim was forcibly endorsed, at the annual meeting of the American Hospital Association held in Toronto under dates September 28th to October 2nd, 1931, by the delegates from every portion of the North and South American Continents, as well as those from foreign countries.

The Right Honourable the Prime Minister stressed the progress made in hospitals during the last century by saying such advance had been prodigious, and the immensity of the horizon covered by the term hospitalization to-day was realized by all who attended this Convention.

Statistics are somewhat irritating to members of the architectural profession; nevertheless the statement which has been made that the hospitals of this continent represent four billion dollars in capital investment must impress architects of the prominence of hospital work in the realm of architecture. It is claimed that the average increase in the number of hospitals since the birth of this century has been more than two hundred annually; further that the bed capacity of all hospitals in 1909 was that of 421,065 and twenty years later it had reached 892,924—more than one hundred per cent. increase. In the present year, the number of beds and bassinets on this continent exceeded one million.

In view of these figures, is it not inconceivable that greater interest has not been evinced by members of the profession in this important phase of architecture?

It is deemed opportune once again to bring before the notice of my readers the excellent work which has been accomplished by the members of the

Institute who have made it their business to study hospital problems and produce results such as were to be observed at the exhibit of hospital architecture, upon the occasion of the annual convention of the American Hospital Association, but before doing so, I would emphasize the opportunity which was missed by practising architects who did not visit and examine the general exhibits which were both valuable and educative. These exhibits were excellently arranged with a view of bringing to the attention of those engaged in the hospital field, the latest improvements in equipment, etc.

The architectural exhibit, which was sponsored by the Dominion Department of Pensions and National Health, was a success in every sense of the word. Many gratuitous compliments were proffered to the architects of the different projects on view.

Psychology, as in life, plays a most important part in such an exhibition and in this case, if for no other reason, the exhibit was worth while, inasmuch as the inferiority complex which many Canadians have been suffering from in the past will gradually be eliminated through such media.

During the convention, a luncheon meeting was arranged at the Arts and Letters Club, Toronto, for the purpose of members of the Institute meeting outstanding hospital architects of the U.S.A., who were in attendance at the convention. Messrs. Stevens (Boston), Hannaford (Cincinnati), Erikson (Chicago), and others were present. Each and every one agreed as to the value of such a meeting, where points of interest were discussed over the festive board.

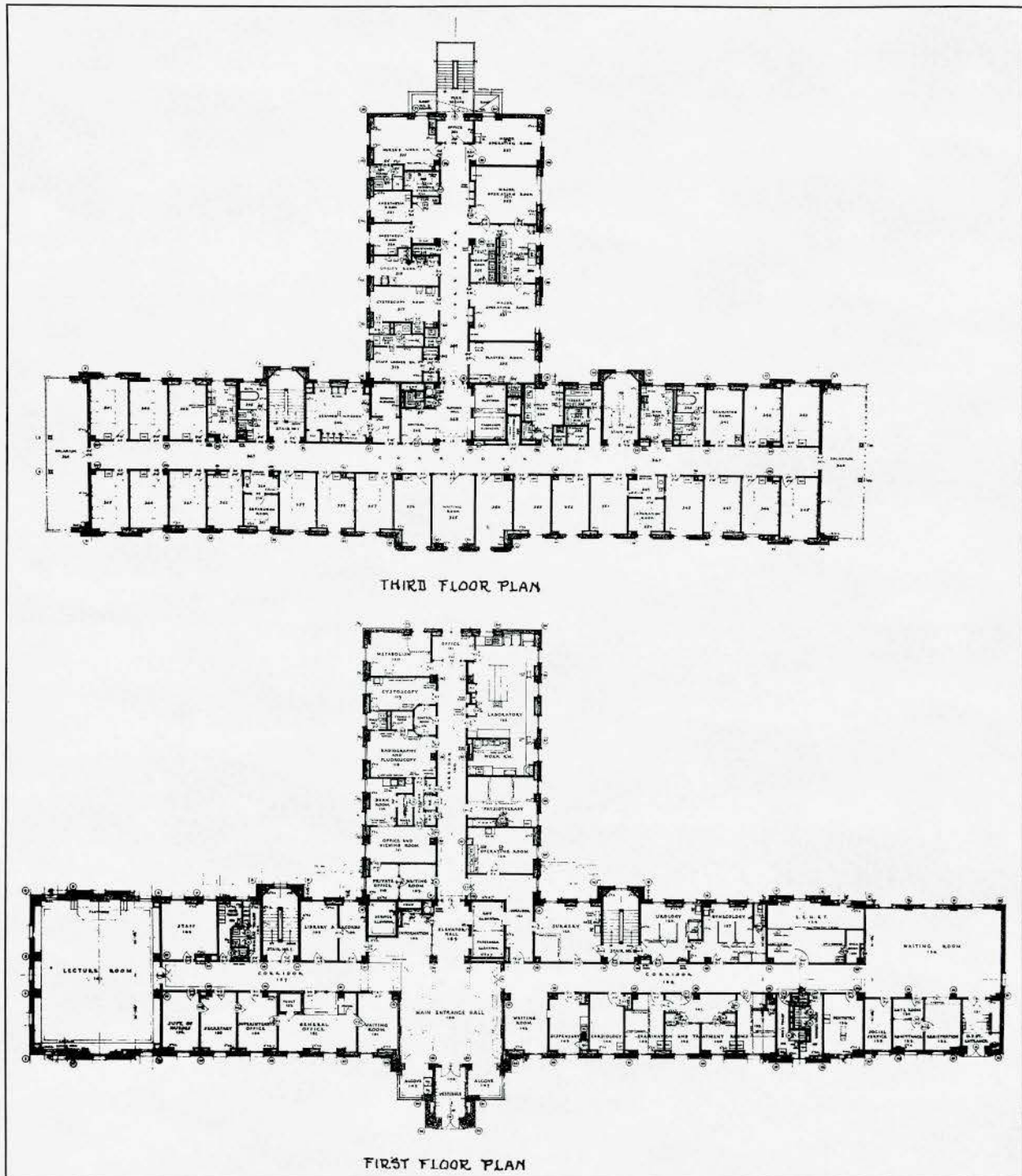


Reverting to the exhibit of hospital architecture, there were over seventy drawings submitted by architects throughout the Dominion, each province being worthily represented.

Without wishing to be invidious, Mr. J. Cecil McDougall's design for the Jewish Hospital on

ordination of plan, and particular attention is called to the excellent arrangement of out-patients' department. The operating department is indicative of much knowledge and clever planning.

Mr. J. Cecil McDougall also scored with the Private Pavilion of the Montreal General Hospital.



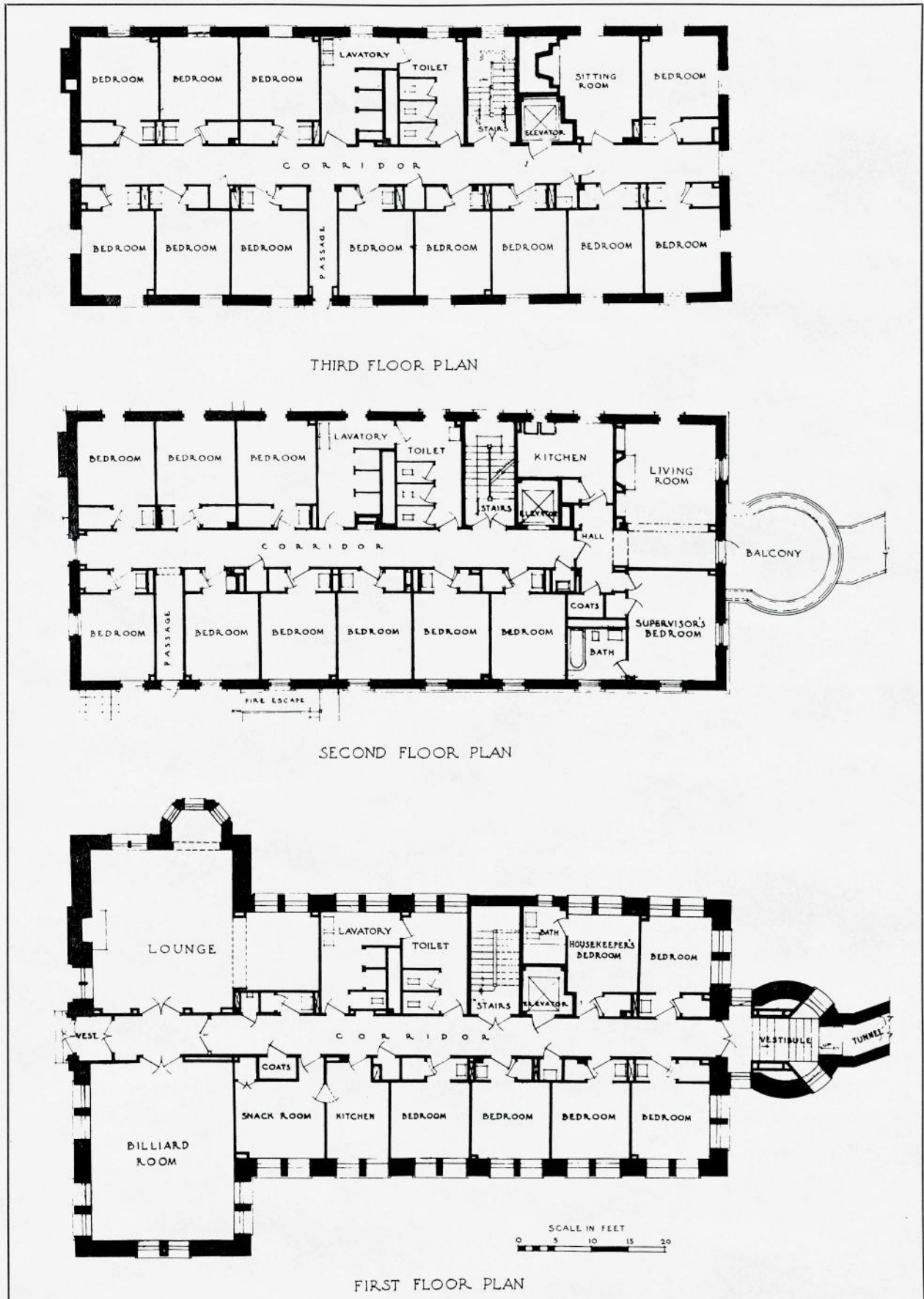
FIRST AND THIRD FLOOR PLANS—JEWISH GENERAL HOSPITAL, MONTREAL  
*J. Cecil McDougall, F.R.A.I.C., Architect*      *C. Davis Goodman, M.R.A.I.C., Associate Architect*  
*Dr. S. S. Goldwater, Consultant*

Côté des Neiges Road, Montreal, P.Q., is one of outstanding merit, and, as overheard by the writer, "sophisticated." Opportunity is taken in this article to illustrate typical floor plans and perspective. The student of hospital architecture would do well to make a study of the composition and co-

ordination of plan, and particular attention is called to the excellent arrangement of out-patients' department. Therefore, if for no other reason, students of hospital architecture should make it their business to study this conception.

One intriguing feature is that of the elevator





FIRST, SECOND AND THIRD FLOOR PLANS—INTERNES' BUILDING,  
ROYAL VICTORIA HOSPITAL, MONTREAL  
*Ross & Macdonald, F.F.R.A.I.C., Architects*



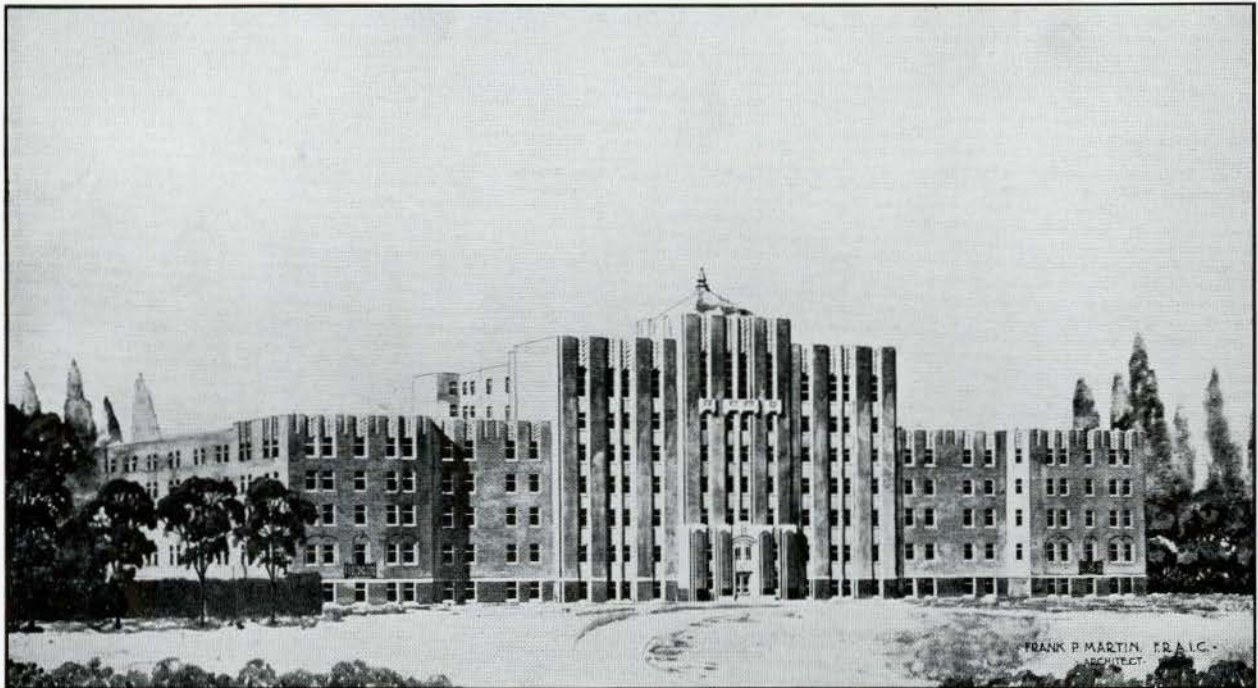
lobby, placed centrally on the same principle as that of hotel architecture, and since it is entirely cut off from the other departments, noise and disturbance are eliminated, a very desirable feature.

In the operating department the nurses' work room is at somewhat a distance from the extreme operating room on Tupper Street. Perhaps there were reasons why this should be so; nevertheless it is desirable wherever possible that such work room should be placed centrally in the department.

Messrs. Ross & Macdonald, Montreal, contributed a very interesting unit in that of the Internes' Building, Royal Victoria Hospital, Montreal. Those who know the site plan of this hospital will realize

twenty-five beds was deemed to be the ultimate size of the hospital, the west extension built a few years ago was so constructed that the old building still remained the administrative part of the unit, and incidentally prevented any change of orientation in the event of further extension. During the past few years it became apparent that a larger hospital was necessary; hence the decision to demolish the original building and construct a new and larger central building and east wing.

The ground floor plan is well worthy of study, inasmuch as the food service department is centrally placed. By reference to the first floor plan, the arrangement of the administrative section is very



PROPOSED CITY HOSPITAL, SASKATOON  
*Frank P. Martin, F.R.A.I.C., Architect*

the problem presented to the architects, but it can be safely said that the architects presented a 100 per cent. solution. By reference to the plan, it will be noted that nothing has been sacrificed for architectural effort.

Messrs. Ross & Macdonald also exhibited the laundry building and garage for the same hospital, and for ingenuity of plan and arrangement, they scored a success. There are so many projects that one would advise students to visit, but this one certainly should be included in their schedule.

Mr. Frank P. Martin, in his design for City Hospital, Saskatoon, Sask., has exemplified the virility of the West. Oftentimes one hears that Canada is not developing a true Canadian architecture (if it were possible) yet nevertheless buildings, such as that now under review, at least in the writer's opinion, forcibly bring home to the mind of the layman that Canadian architecture is being developed and expresses the feelings and outlook of the people of the present age.

Mr. Martin had a difficult problem inasmuch as the original hospital building was built facing north and as additional construction of two hundred and

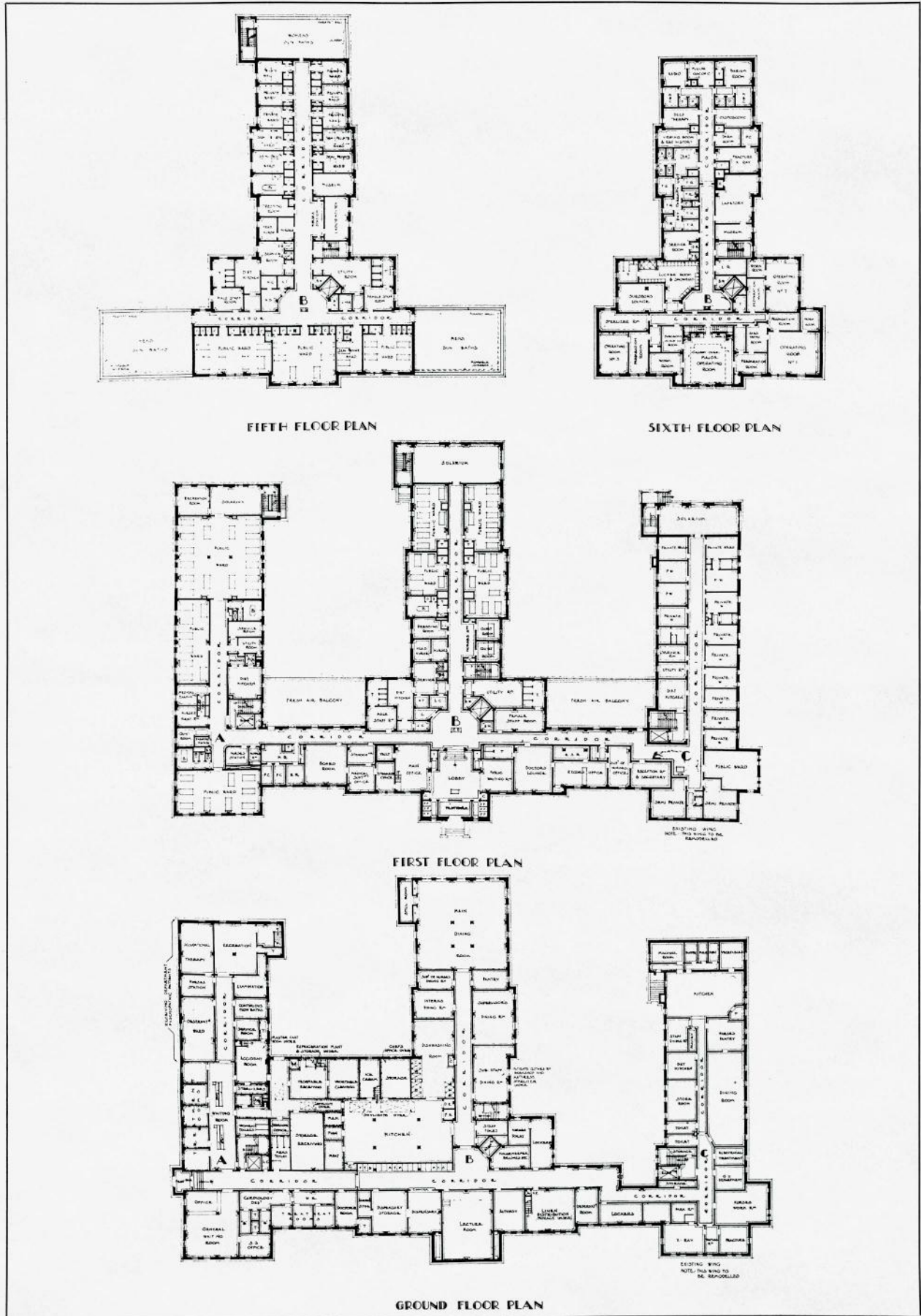
praiseworthy. One criticism could be offered, namely, the number of beds in the public wards. This could be overcome by portable divisions making four bed units, which arrangement, by the way, does not increase the cost of the nursing service, but rather promotes efficiency, to say nothing of the advantage enjoyed by the patients themselves.

In emphasis of the writer's statements in previous articles upon hospital planning, it is very interesting to note the arrangement of the operating department shown on the sixth floor plan, namely, that each project presents a different problem. Sometimes centralization can be carried to extremes, yet nevertheless in other cases it is a solution to the problem.

Particular attention should be called to the inclusion of facilities for mental and cancer cases in this hospital, since hitherto general hospitals have fought shy of treating these diseases, although there is evidence at hand that the future general hospital will not only cover mental and cancer treatment but also tuberculosis and infectious diseases.

*EDITOR'S NOTE—Owing to lack of space it has been impossible to publish Mr. Parry's article in full in this issue. We hope, however, to publish the balance of the article in the next number.*





FLOOR PLANS—CITY HOSPITAL, SASKATOON  
Frank P. Martin, F.R.A.I.C., Architect



## Activities of the Institute

A meeting of the executive committee of the council of the Royal Architectural Institute of Canada was held at the office of the Institute, 627 Dorchester Street West, Montreal, Quebec, on Thursday, November 12th, 1931, at 4.00 p.m.

*Present:* Percy E. Nobbs, president; Alcide Chausse, honorary secretary; Gordon M. West, honorary treasurer; W. S. Maxwell; Philip J. Turner; J. Cecil McDougall; J. J. Perreault, vice Wilfrid F. LaCroix, resigned, and I. Markus, secretary. Mr. W. L. Somerville, second vice-president, was also present at the request of the president.

*Reading of Minutes:* The minutes of the meeting of the executive committee held on September 26th, 1931, were read and approved.

### *Reports of Standing Committees:*

*Architectural Training:* Mr. Maxwell reported that he intended to prepare a series of competitions open to students of the recognized schools of architecture, prizes for which would be drawn from the scholarship and prize funds, if satisfactory to the executive committee. Mr. Maxwell was authorized to proceed with the preparation of the programmes and arrangements, the cost of the prizes not to exceed \$250.00.

The secretary reported that the drawings submitted in the recent competition for the W. S. Maxwell prize had been exhibited recently at the University of Toronto and arrangements were in progress for their exhibition elsewhere.

*Art, Science and Research:* The secretary read some correspondence from the Canadian Engineering Standards Association, Ottawa, advising the Institute that they would be very glad to arrange a conference of representatives from organizations interested in the building industry with a view to the formulation of simplified practice standards covering materials used in building construction. The secretary was instructed to advise the C.E.S.A. of our willingness to appoint two delegates to such a conference as soon as the place of meeting was agreed upon. It was suggested that either Toronto or Montreal would be convenient.

*Public Relations:* Mr. West reported that he had prepared a special article on the architects' responsibility in connection with the use of Canadian building materials, which had been published on the first page of the November issue of THE JOURNAL.

*R.A.I.C. Exhibition:* Mr. Turner reported that approximately 170 photographic enlargements had been received at the Art Gallery from about 30 exhibitors, and that through the kindness of the Art Association of Montreal, the large gallery used for the exhibition of old masters had been placed at the disposal of the Institute for this exhibition. He further reported that the committee on exhibitions and awards were acting as the hanging committee, and that a jury of award consisting of Messrs. Hugh G. Jones, chairman, J. M. Miller and Ernest Cormier of Montreal, and A. H. Chapman and H. E. Moore of Toronto had been appointed for the purpose of making the awards.

*Increased Use of Canadian Materials:* Upon the invitation of the president, Mr. Norman Holland, chairman of the Industrial Commission on Unemployment for the City of Montreal, attended the meeting and outlined to the members the efforts being made by his commission to increase the use of Canadian building materials. After considerable discussion, the president was authorized to send out a circular letter to all members of the Institute on available Canadian building products, together with memoranda emanating from Mr. Norman Holland and the Dominion Bureau of Statistics.

*Standard Forms of Contract:* The secretary informed the meeting that he had been advised by the Province of Quebec Association of Architects that approximately one thousand copies, printed in French, of the R.A.I.C. contract documents would be required for their members. It was decided to refer the translating and re-printing of these documents to the 1932 council.

*Next Annual Meeting:* The honorary secretary submitted a tentative programme for the annual meeting of the Institute to be held at Lucerne-in-Quebec on February 19th and 20th, 1932. The programme, with certain revisions, was approved by the meeting, and the secretary was instructed to have it published in the next issue of THE JOURNAL.

A committee of arrangements was appointed consisting of Messrs. Percy E. Nobbs, Gordon M. West, W. S. Maxwell, J. Cecil McDougall, J. J. Perreault, Philip J. Turner, Ludger Venne, W. L. Somerville, B. Evan Parry and Alcide Chausse.

*Annual Report of Standing Committees:* The secretary was instructed to communicate with the chairmen of the standing committees requesting them to furnish the president with a written report of the activities of their committees for incorporation in the report of the council to be presented at the annual meeting.

*Miscellaneous:* A letter was read from the president of the Saskatchewan Association of Architects regarding the activities of speculative builders who secure their funds from loan and mortgage companies in eastern Canada. He suggested that the Institute should take some action in this connection, pointing out to the building loan companies that the employment of architects on buildings financed by them would ensure more security for the bond holders. The matter was referred to the president for investigation and appropriate action.

A letter was read from Mr. Wilfrid LaCroix of Quebec tendering his resignation as a member of the executive committee on account of pressure of work. In this connection, a further letter was read from the Province of Quebec Association of Architects advising that Mr. J. J. Perreault of Montreal had been appointed to take the place of Mr. Wilfrid LaCroix on the council of the R.A.I.C. for the balance of the term of office.

*Date and Place of Next Meeting:* It was decided to hold the next meeting of the executive committee in Montreal, on Thursday, December 17th, 1931.

*Adjournment:* The meeting adjourned at 11.30 p.m.



## Activities of Provincial Associations

### Architectural Institute of British Columbia

*Secretary*—E. B. McMASTER, 510 Shelly Building, Vancouver, B.C.

The annual general meeting of the Architectural Institute of British Columbia was held on Wednesday, December 2nd, at the Empress Hotel, Victoria, B.C., with the president, Andrew L. Mercer, in the chair. Following the annual dinner, an interesting talk was given by Mr. J. G. Brown, former District

Architect, Dominion Public Works Department, Victoria, B.C., on "Edinburgh Castle and the National Memorial."

A full report of this meeting will be published in the next issue of THE JOURNAL.

### Manitoba Association of Architects

*Secretary*—E. FITZMUNN, 903 McArthur Building, Winnipeg, Manitoba.

A one-million-dollar civic auditorium is to be erected in Winnipeg, the construction of which is being undertaken as an unemployment relief measure. The Manitoba Association of Architects considered this relief measure should apply to architects as well as others and that the work should be distributed around. With this view in mind the city council was approached with the result that a board of architects was appointed to carry out the project. The board consists of several architects whose connection with the work

and the fees to be paid are duly set forth. We feel that this procedure is a little unusual, but in consideration of the existing conditions and the slackness of work in some of the architects' offices, the scheme is a sign of the times.

A conviction was obtained under the Architects Act of Manitoba, against a certain party named in the action for preparing plans without having the necessary license. This is the second time that it has been necessary to resort to court proceedings to enforce our Act.

### Maritime Association of Architects

*Secretary*—H. C. MOTT, 13 Germain Street, Saint John, N.B.

A meeting of the New Brunswick section of the council of the Maritime Association of Architects was held on October 9th at the offices of Mr. H. Claire Mott, honorary secretary-treasurer, with W. W. Alward, vice-president of the association in the chair.

One of the matters dealt with at the meeting was a proposed competition for a high school at Moncton, N.B. According to a notice published by the board of school trustees, architects were requested to submit competitive sketches for the new high school. After some discussion, it was decided to write to the chairman of the board of school trustees suggesting that it would be better for the board to select an architect without carrying on a competition for the proposed school building and that if they were unable to do this, a competition should be held in a manner that will comply with the spirit of the suggestions contained in the Regulations of Competitions issued by the Royal Architectural Institute of Canada.

Another matter considered by the meeting was a letter from the Manitoba Association of Architects

concerning the appointment by the University of Manitoba of a non-Canadian citizen as assistant professor of architecture. The meeting expressed itself as being in sympathy with the protest made by the Manitoba Association of Architects.

A meeting of the Nova Scotia section of the council of the Maritime Association of Architects was held at the Lord Nelson Hotel, Halifax, N.S., on November 5th, with Mr. S. P. Dumaresq, president of the association, in the chair.

The proposed competition for a new high school in Moncton was discussed, and it was decided to send a letter to all members of the association requesting them not to submit plans or sketches for the proposed building unless the competition was conducted in accordance with the R.A.I.C. Regulations of Competitions issued by the Royal Architectural Institute of Canada.

Mr. B. Evan Parry, F.R.A.I.C., director of hospital services at Ottawa, who was present at the meeting, gave a very interesting talk on the planning of hospitals. The meeting recorded its pleasure on having Mr. Parry present as its guest.

### The Ontario Association of Architects

OTTAWA CHAPTER, O.A.A.

*Secretary*—B. EVAN PARRY, Department of Pensions and National Health, Ottawa.

A dinner meeting of the Architects Club of Ottawa was held at the Royal Ottawa Golf Club on November 23rd at which the president, Lt.-Col. C. J. Burritt, presided. Approximately thirty-five members and guests were present.

The speaker of the evening was Mr. E. L. Horwood, F.R.A.I.C., founder and past president of the Club, who described a trip he had taken with the president and vice-president of the T. and N. O. Railway to Moose Factory. Mr. Horwood's



address was illustrated with moving pictures taken by him during his trip. Col. L. T. Martin, vice-president of the T. and N. O. Railway, followed the speaker of the evening with pictures showing the development of the north country.

The annual meeting of the Club will take place at the Chateau Laurier on December 15th, at which the election of officers for the ensuing year will take place.

### Province of Quebec Association of Architects

Secretary—HENRI S. LABELLE, 627 Dorchester St., West, Montreal

At a recent council meeting of the association, Mr. Albert Gauthier of Montreal was elected a member of the P.Q.A.A.

Continuing the policy inaugurated by the council of the P.Q.A.A. to open the association's rooms to all draughtsmen, a lecture was given on Monday

evening, December 7th, in the rooms of the P.Q.A.A. by Mr. Gordon McL. Pitts on "Transportation as it Affects Architecture." A film on the making of Monel metal was also shown. Light refreshments were served at the close of the evening.

## NOTES

The next meeting of the Executive Committee of the Council of the Royal Architectural Institute of Canada will be held at the office of the Institute, 627 Dorchester Street West, Montreal, on Thursday, December 17th at 4.00 p.m.

\* \* \* \*

Stanley T. J. Fryer (*F*), architect of Toronto, left on December 10th for a short visit to England. Mr. Fryer expects to return about January 15th.

\* \* \* \*

Mr. W. G. Van Egmond (*F*), of Regina, was elected president of the Saskatchewan Association of Architects at the annual general meeting of that body held in the Legislative Buildings, Regina, on October 21st, 1931.

\* \* \* \*

The next annual meeting of the Manitoba Association of Architects will be held in Winnipeg on January 18th, 1932.

\* \* \* \*

Mr. Philip J. Turner (*F*), of Montreal, delivered a lecture on "The Parish Churches of England," before the Cathedral Women's Guild of Montreal on November 2nd, 1931.

\* \* \* \*

Huntley Ward Davis (*M*), architect of Montreal, returned recently from a visit to England and the Continent.

\* \* \* \*

The annual meeting of the Architectural Institute of British Columbia was held in the Empress Hotel, Victoria, B.C., on Wednesday, December 2nd, 1931.

\* \* \* \*

The next annual meeting of the Canadian Construction Association will be held at the Hotel Vancouver, Vancouver, B.C., on January 27th, 28th and 29th, 1931.

\* \* \* \*

An interesting article by Philip J. Turner (*F*), entitled "The Parish Churches of Rural England," was published in the December number of the Canadian Geographical Magazine. We understand that this article is to be issued in reprint form by McGill University.

Mr. B. Evan Parry (*F*), director of hospital advisory services, Ottawa, has been appointed on the building committee of the International Hospital Association. Hermann Distel, architect of Hamburg, Germany, is the chairman of this committee, the membership of which is made up of a number of prominent architects from other countries.

\* \* \* \*

"The entire elimination of stairs in terminals and railroad stations; the institution of inclines and elevators to street levels wherever the ascent is more than 20 feet; and the installation of easily propelled revolving or light swinging doors in entrances and exits of buildings," is the basis of a resolution adopted at the tenth annual convention of the International Society for Crippled Children. The object of the resolution is to make access to public buildings and railroad terminals easier to cripples of whom, it is said, there are about 300,000 in the United States and Canada.

\* \* \* \*

#### *Meetings of the R.I.B.A., 1931-1932 Session*

Members of the Institute who may be visiting England are privileged to attend any of the general meetings of the Royal Institute of British Architects.

Following is a list of the papers to be delivered during the 1931-1932 session:

Nov. 16, 1931—"Modern European Architecture," by H. S. Goodhart-Rendel, F.R.I.B.A.

Nov. 30, 1931—"Street Architecture," by Howard Robertson, M.C., S.A.D.G., F.R.I.B.A.

Dec. 14, 1931—"Stained Glass in Relation to Architecture," by F. C. Eden, M.A. OXON., F.S.A., F.R.I.B.A.

Feb. 1, 1932—"St. George's Chapel, Windsor," by Sir Harold Brakspear, K.C.V.O., F.S.A., F.R.I.B.A.

Feb. 15, 1932—"The Work of Sir Aston Webb."

Mar. 21, 1932—"A Layman's Thoughts on Architecture," by Professor J. W. Mackail, M.A., LL.D., F.B.A., HON. A.R.I.B.A.

Apr. 11, 1932—"Aerodromes," by John Dower, A.R.I.B.A.

Apr. 25, 1932—"English Inns," by Basil Oliver, F.R.I.B.A.

May 30, 1932—"City Office Buildings," by L. Sylvester Sullivan, F.R.I.B.A.



THE JOURNAL  
ROYAL ARCHITECTURAL INSTITUTE OF CANADA

INDEX  
VOLUME VIII, 1931

PUBLISHED BY  
ARCHITECTURAL PUBLICATIONS LIMITED  
TORONTO, CANADA



# INDEX

## VOLUME VIII, 1931

Month and Page	Month and Page
About Architects and Signs on Buildings.....	July p. 255
Act to Regulate the Practice of Architecture in Ontario.....	Apr. p. 158
Activities of the Institute.....	Jan. p. 34; Feb. p. 70; Apr. p. 167; May p. 210; July p. 284; Oct. p. 373; Dec. p. 428
Activities of Provincial Associations—	
Alberta.....	Apr. p. 169; May p. 211
British Columbia.....	Jan. p. 35; Feb. p. 71; Dec. p. 429
Manitoba.....	Feb. p. 71; Apr. p. 169; June p. 250; Sept. p. 345; Nov. p. 401; Dec. p. 429
Maritime Provinces.....	Feb. p. 71; Dec. p. 429
Ontario.....	Apr. p. 169; May p. 213; June p. 250; July p. 286; Aug. p. 314
Ottawa Chapter.....	Jan. p. 36; Feb. p. 72; Apr. p. 170; Nov. p. 402; Dec. p. 429
Toronto Chapter.....	Jan. p. 36; Feb. p. 72; May p. 213
Hamilton Chapter.....	Apr. p. 170
Quebec.....	Feb. p. 73; May p. 213; July p. 286; Aug. p. 314; Sept. p. 345; Oct. p. 374; Nov. p. 402; Dec. p. 430
Saskatchewan.....	Nov. p. 402
Alberta Government Administrative Building, Edmonton.....	Oct. p. 352
Aldred Building, Montreal.....	Aug. p. 294
Architect and his Relation to the Lumber Industry, The, by A. Leslie Perry, B.Arch.....	Feb. p. 58
Architects Building, Montreal.....	Sept. p. 325
Architects' Responsibility, The, by Gordon M. West (F).....	Nov. p. 379
Architecture of the Hôpital Général, Quebec, by Ramsay Traquair, M.A. (Hon.), F.R.I.B.A., and G. A. Neilson.....	Feb. p. 61; Apr. p. 160; July p. 271; Aug. p. 290
Are Architects' Estimates Reliable.....	Jan. p. 12
Award in Competition for an Addition to the Essex County Court House at Sandwich, Ontario.....	Feb. p. 56
Award of the W. S. Maxwell Prize.....	July p. 283
Awards to Students of the School of Architecture, University of Toronto.....	June p. 238
Awards in R.A.I.C. Prize Competitions.....	Oct. p. 350
Awards in Columbus Memorial Lighthouse Competition.....	Dec. p. 409
Books Reviewed.....	Jan. p. 37; Feb. p. 74; Apr. p. 172; June p. 252; Aug. p. 316; Sept. p. 346; Oct. p. 376; Nov. p. 404
Canada Life Building, Toronto.....	June p. 221
Canadian Bank of Commerce Building, Toronto.....	Apr. p. 134
Chapel of St. Nicholas, Gipping, Suffolk, by Philip J. Turner (F), F.R.I.B.A.....	May p. 199
Clients and Extras or Architectural Diagnosis.....	Feb. p. 55
Competitions.....	Jan. p. 37; June p. 238; Aug. p. 316; Nov. p. 404
Correspondence.....	Jan. p. 22; Feb. p. 74, Dec. p. 408
Department of Art, Science and Research.....	Jan. p. 22; May p. 176; June p. 238; July p. 283; Aug. p. 313; Sept. p. 344; Nov. p. 401
Editorial.....	Jan. p. 3; Feb. p. 41; June p. 219
Excerpts from a Report of the Fourth Pan-American Congress of Architects.....	June p. 246
Fine Arts at the Canadian National Exhibition, by F. H. Brigden, O.S.A.....	Oct. p. 361
Gorsebrook—Colonial Architecture in the Maritimes, by Arthur W. Wallace, B.Arch.....	Nov. p. 392
Hospitals—Their Planning and Equipment, by B. Evan Parry (F).....	Jan. p. 23
Hynes, J. P., Honoured by Confreres.....	Mar. p. 100
International Housing and Town Planning Congress.....	May p. 209
Log Chateau, Lucerne-in-Quebec, by Harold Lawson (M).....	Jan. p. 13
Marine Building, Vancouver, B.C.....	July p. 256
Mural Decoration in the Jarvis Collegiate Institute, Toronto.....	June p. 239
New Interest in Architecture, The, by E. H. Blake.....	May p. 187
New York Architectural League Exhibition.....	May p. 209
Notes.....	Jan. p. 38; Feb. p. 73; Mar. p. 122; Apr. p. 171; May p. 215; June p. 251; July p. 286; Aug. p. 314; Sept. p. 345; Oct. p. 375; Nov. p. 403; Dec. p. 430
Obituary—Laura Muntz Lyall, A.R.C.A.....	Jan. p. 38
James B. Whitburn.....	Apr. p. 172
Jules F. Wegman, F.R.A.I.C.....	June p. 251
H. Ivan Neilson, A.R.C.A.....	June p. 251
William Tinniswood Dalton.....	July p. 286
F. W. Fitzpatrick.....	Aug. p. 315
Old Professor's Thesis on Skyscrapers, The, by W. N. Moorhouse (M).....	Nov. p. 380
President of R.A.I.C. Addresses Meeting of Canadian Bar Association.....	Oct. p. 371
Price House, Quebec.....	Feb. p. 42
Progress of Architectural Legislation in Ontario.....	Jan. p. 11
Registration of Architects in Great Britain.....	Sept. p. 343
Regulations of the Architects' Registration Board of the Province of Ontario.....	Oct. p. 367
Restaurant in the T. Eaton Company Building, The New, Montreal.....	May p. 181
Review of the Recent Exhibition of Hospital Architecture Held in Toronto, by B. Evan Parry (F).....	Dec. p. 423
Routine Office Practice and Its Relationship to the Client, by A. S. Mathers, B.A.Sc.....	Sept. p. 320
Royal Bank Building, Vancouver, B.C.....	Nov. p. 381
Royal Architectural Institute of Canada—	
Officers and Members of Council for 1931.....	Mar. p. 77
Proceedings of the Twenty-Fourth General Annual Meeting.....	Mar. p. 102
Meeting of Executive Committee and Council.....	Mar. p. 123
List of Members, 1931.....	Mar. p. 125
Prize Competitions, 1931.....	Apr. p. 133
Annual Dinner.....	Apr. p. 154
R.A.I.C. Architectural Exhibitions and Awards.....	Dec. p. 410
Royal Canadian Academy of Arts—	
The Fifty-First Annual Exhibition.....	Jan. p. 4
Meeting of the Council.....	June p. 238
Fifty-Second Annual Exhibition.....	Oct. p. 375
Annual Meeting.....	Dec. p. 408
Should the Architect Employ the Engineer.....	Sept. p. 324
Sidelight on Partial Service Work, A.....	June p. 220
Toronto Chapter Exhibition of Architecture and Allied Arts.....	Mar. p. 78
Tradition and Modernism, by Jacques Carlu, D.P.L.G.....	May p. 177
Unemployment in the Architectural Profession.....	Aug. p. 289
University of Montreal, New Buildings for.....	June p. 248
Victoria House, London, England.....	May p. 209

## PLATE ILLUSTRATIONS

Abitibi Power and Paper Company, Rotunda in Office Building for, Toronto, Marani, Lawson and Morris, Architects.....	Aug. p. 311
Aldred Building, Montreal, Barott and Blackader, Architects—	
Detail of Foyer.....	Aug. p. 288
Exterior View.....	Aug. p. 305
Detail of Main Entrance.....	Aug. p. 307
Architects' Building, Montreal, Ross and Macdonald, Architects—	
Exterior View.....	Sept. p. 318
Entrance Detail, Main Facade.....	Sept. p. 335
Detail of Elevator Hall.....	Sept. p. 337
Canada Life Building, Toronto, Sproatt and Rolph, Architects—	
From a Photograph by J. H. Mackay.....	June p. 218



## INDEX (1931) *Continued*

Month and Page	Month and Page
Exterior View..... June p. 227	Marine Building, Vancouver, B.C., Detail of Main Entrance, McCarter and Nairne, Architects..... July p. 263
Entrance Hall..... June p. 229	Metropolitan District Railway, New Office Building for, London, England, Adams, Holden and Pearson, Architects..... July p. 269
Detail of Entrance Hall..... June p. 231	Mote House, Ightham, England, from a Pastel Drawing by P. Roy Wilson, B.A.R.C.H..... May p. 174
Elevator Hall..... June p. 233	North American Life Assurance Company, Proposed Head Office Building for, Toronto, Marani, Lawson and Morris, Architects..... Oct. p. 357
Canadian Bank of Commerce Building, Toronto, Darling and Pearson, Architects, York and Sawyer, Consultants—	Notre-Dame-Des-Victoires, Quebec, from an Etching by Herbert Raine, B.C.A..... Jan. p. 2
Water Colour and Pencil Rendering, by S. H. Maw..... Apr. p. 132	Price House, Quebec, Ross and Macdonald, Architects—
Detail of Main Entrance..... Apr. p. 141	Board Room..... Feb. p. 49
Entrance Lobby, Looking Towards Main Banking Room..... Apr. p. 143	Detail of Board Room..... Feb. p. 51
Main Banking Room..... Apr. p. 145	Residence of Mrs. J. S. Burnside, Toronto, Stair Hall, Henry J. Burden and G. Roper Gouinlock, Architects..... Mar. p. 89
Foreign Exchange Department..... Apr. p. 147	Residence on the Hill, Toronto, Stair Hall, Mackenzie Waters, Architect..... Mar. p. 91
Canadian National Hotel, Model of, Vancouver, B.C., John S. Archibald (F), Architect, John Schofield, Associate..... Aug. p. 309	Residence of G. W. McLaughlin, Esq., Pickering, Ontario, Sproatt and Rolph, F.F.R.I.B.A., H. Carter and C. B. Sproatt, Architects—
Central Canada Loan and Savings Company Building, Oshawa, John M. Lyle (F), Architect..... Mar. p. 85	Exterior View..... July p. 265
Claridge Apartments, Toronto, Reception Room, Baldwin and Greene, Architects..... Sept. p. 341	Detail..... July p. 267
Cranbrook Foundation, Cranbrook, Mich., Eliel Saarinen, Architect..... May p. 195	Residence of Mrs. A. B. Colville, St. Henri de Mascouche, P.Q., Barott and Blackader, Architects..... Dec. p. 406
Creeds Limited, Store, Toronto, Marani, Lawson and Morris, Architects..... Mar. p. 87	Roman Catholic Diocese of Hamilton, Proposed Cathedral for, Hutton and Souter, Architects..... Sept. p. 339
Drawing Room, the Old Court House, Hampton Court, The Home of Sir Christopher Wren, from a Painting by Richard Jack, R.A..... Oct. p. 348	Royal Ontario Museum, Toronto, Chapman and Oxley, Architects..... Mar. p. 76
Eglise St. Jacques, Dieppe, from a Lithograph by Wendell P. Lawson..... Feb. p. 40	Royal Bank Building, Vancouver, B.C., S. G. Davenport, Architect—
Empire State Building, New York, Shreve, Lamb and Harmon, Architects—	Side Aisle of Main Banking Room..... Nov. p. 378
Exterior View..... May p. 191	Elevator Hall..... Nov. p. 387
Fifth Avenue Entrance..... May p. 193	Detail of Main Banking Room..... Nov. p. 389
European Studies, from Photographs by F. Bruce Brown, B.A.R.C.H.—	Victoria House, London, England, Charles W. Long, F.R.I.B.A., Architect..... May p. 197
Detail, West Portal, Rheims Cathedral, France..... Feb. p. 53	
Detail of Nave, Rheims Cathedral, France..... Feb. p. 54	
Hotel de Ville, Saumur, France, from an Etching by Woodruff K. Aykroyd..... July p. 254	
Maple Leaf Gardens, Toronto, Ross and Macdonald, Architects, Jack Ryrie and Mackenzie Waters, Associate Architects..... Oct. p. 359	

## WORK ILLUSTRATED—ARCHITECTURE

Archibald, John S. (F), Schofield, John; Model of the Canadian National Hotel, Vancouver, B.C..... Aug. p. 309	Durnford, A. T. Galt; Residence on Redpath Crescent, Montreal..... Dec. p. 420
Residence of N. A. Timmins, Esq., Westmount, P.Q..... Dec. p. 420	Residence at Cartierville, P.Q..... Dec. p. 422
Masonic Temple, Montreal..... Dec. p. 410	Goodman, C. Davis, McDougall, J. Cecil, (F); Proposed Jewish Hospital, Montreal..... Dec. pp. 423, 424
Baldwin and Greene; Claridge Apartments, Toronto..... Sept. p. 341	Gouinlock, G. Roper, Burden, Henry J.; Residence of Mrs. J. S. Burnside, Toronto..... Mar. pp. 82, 89; Dec. p. 418
Barott and Blackader; The Aldred Building, Montreal	Gouinlock, G. Roper; Residence of F. K. Morrow, Esq., Toronto..... Mar. p. 83
Residence of Mrs. A. B. Colville, St. Henri de Mascouche, P.Q..... Dec. pp. 406, 418	Hutton and Souter; Proposed Cathedral for the Roman Catholic Diocese of Hamilton, Toronto..... Sept. p. 339
Benzie and Bow; General Hospital, North Vancouver, B.C..... Jan. p. 24	Langley and Howland; Model of Residence for Leigh McCarthy, York Mills, Ontario..... Mar. p. 98
Brown, David R., F.R.I.B.A.; Grace Dart Home Hospital, Montreal..... Jan. p. 29	Lawson and Little; The Log Chateau, Lucerne-in-Quebec..... Jan. pp. 13-21
Burden, Henry J., Gouinlock, G. Roper; Residence of Mrs. J. S. Burnside, Toronto..... Mar. pp. 82, 89; Dec. p. 418	Lyle, John M., (F); Building for Central Canada Loan and Savings Company, Oshawa, Ontario..... Mar. p. 85
Burgess, Prof. Cecil S., (F); Alberta Government Administrative Building, Edmonton..... Oct. pp. 352-356	Martin, Frank P. (F); City Hospital, Saskatoon..... Dec. pp. 426, 427
Cameron, D. J.; Design for an Addition to the Essex County Court House, Sandwich, Ontario..... Feb. p. 56, 57	Marani, Lawson and Morris; Office Building for Provincial Paper Limited, Toronto..... Mar. p. 81; Dec. p. 417
Carlu, Jacques, Ross and Macdonald, F.F.R.A.I.C.; New Restaurant in the T. Eaton Company Building, Montreal..... May pp. 181-186	Building for Creeds Limited, Toronto..... Mar. p. 87
Carter, H., Sproatt and Rolph, F.F.R.I.B.A., Sproatt, C. B.; Residence of G. W. McLaughlin, Esq., Pickering, Ontario..... July pp. 265, 267	Medical Arts Building, Toronto..... Mar. p. 96; Dec. p. 416
Chapman and Oxley; Royal Ontario Museum, Toronto..... Mar. p. 76	Building for Abitibi Power and Paper Company..... Aug. p. 311
Coon, S. B. & Son; Queen's Park Apartments, Toronto..... Mar. p. 95	Proposed Head Office Building for the North American Life Assurance Company, Toronto..... Oct. p. 357
Cormier, Ernest, (F); New Buildings for the University of Montreal..... June pp. 248, 249	Residence of J. H. Price, Esq., Valcartier, P.Q..... Dec. p. 419
Craig and Madill; York County Hospital, Newmarket, Ontario..... Jan. p. 28	Mathers and Haldenby, Wilkes, F. Hilton; University Club, Toronto..... Mar. p. 84; Dec. p. 413
Earl Haig High School, Willowdale, Ontario..... Mar. p. 94	Mathers and Haldenby, Wilkes, F. Hilton, Sproatt and Rolph; Canada Permanent Building, Toronto..... Mar. p. 99
Model of Residence in Moore Park, Toronto..... Mar. p. 97	Mathers and Haldenby; Model of Residence for Lt.-Col. Norman D. Perry, Esq., Oriole, Ontario..... Mar. p. 98
Darling and Pearson, York and Sawyer; Canadian Bank of Commerce Building, Toronto..... Apr. pp. 132, 134-153; Dec. p. 414	Maw, S. H., Turner, Philip J., (F); St. Philip's Church, Montreal..... Dec. p. 417
Davenport, S. G.; Royal Bank Building, Vancouver, B.C..... Nov. pp. 378, 381-391	



## INDEX (1931) *Continued*

Month and Page	Month and Page
Maxwell and Pitts; Residence at Westmount, P.Q. . . . . Dec. p. 421	Sproatt and Rolph, F.F.R.I.B.A.; The Canada Life Building, Toronto June pp. 218, 221-237
McCarter and Nairne; The Marine Building, Vancouver, B.C. . . . . July pp. 256-263	Residence of Sigmund Samuel, Esq., Toronto . . . . . Dec. p. 419
McDougall, J. Cecil, (F), Goodman, C. Davis; Proposed Jewish Hospital, Montreal . . . . . Dec. pp. 423, 424	Sproatt and Rolph, F.F.R.I.B.A., Carter, H., Sproatt, C. B.; Residence of G. W. McLaughlin, Esq., Pickering, Ontario . . . . . July pp. 265, 267
Morton, J. Gibb; Metropolitan Church, Toronto . . . . . Mar. p. 93	Sproatt and Rolph, F.F.R.I.B.A., Wilkes, F. Hilton, Mathers and Haldenby; Canada Permanent Building, Toronto . . . . . Mar. p. 99
Ross and Macdonald, F.F.R.A.I.C.; Price House, Quebec . . . . . Feb. pp. 42-51	Stevens and Lee; Proposed General Hospital, Calgary, Alta. . . . . Jan. p. 25
Architects Building, Montreal . . . . . Sept. pp. 318, 325-337	Clinic Building, General Hospital, Kingston, Ontario . . . . . Jan. p. 26
Internes Building, Royal Victoria Hospital, Montreal . . . . . Dec. p. 425	Strand, S.; Design for a Pavilion in a City Park . . . . . Oct. pp. 350, 351
Ross and Macdonald, F.F.R.A.I.C., Carlu, Jacques; New Restaurant in the T. Eaton Company Building, Montreal . . . . . May pp. 181-186	Turner, Philip J., (F), Maw, S. H.; St. Philip's Church, Montreal . . . . . Dec. p. 417
Ross and Macdonald, F.F.R.A.I.C., Ryrie, Jack, Waters, Mackenzie; Maple Leaf Gardens, Toronto . . . . . Oct. p. 359	Waters, Mackenzie; Residence on the Hill, Toronto . . . . . Mar. pp. 82, 91
Ryrie, Jack, Waters, Mackenzie, Ross and Macdonald, F.F.R.A.I.C.; Maple Leaf Gardens, Toronto . . . . . Oct. p. 359	Residence of George Heward, Toronto . . . . . Mar. p. 83
Schofield, John, Archibald, John S., (F); Model of the Canadian National Hotel, Vancouver, B.C. . . . . Aug. p. 309	Waters, Mackenzie; Ryrie, Jack; Ross and Macdonald; Maple Leaf Gardens, Toronto . . . . . Oct. p. 359
Semmens, J. N.; St. Boniface Sanatorium, Winnipeg, Man. . . . . Jan. pp. 30, 31	Wilkes, F. Hilton, Mathers and Haldenby; University Club, Toronto . . . . . Mar. p. 84; Dec. p. 413
Shorey and Ritchie; Fire and Police Station, Montreal . . . . . Dec. p. 412	Wilkes, F. Hilton, Mathers and Haldenby, Sproatt and Rolph; Canada Permanent Building, Toronto . . . . . Mar. p. 99
Smith, Sandford F.; Mortuary Chapel, St. Johns Cemetery, Weston, Ontario . Mar. p. 94	York and Sawyer, Darling and Pearson; Canadian Bank of Commerce Building, Toronto . . . . . Apr. pp. 132, 134-153; Dec. p. 414
Somerville, W. L., (F); Douglas Memorial Hospital, Fort Erie, Ontario . . . . . Jan. p. 27	
Masonic Temple, Oshawa, Ontario . . . . . Dec. p. 411	
Sproatt, C. B., Sproatt and Rolph, F.F.R.I.B.A., Carter, H.; Residence of G. W. McLaughlin, Esq., Pickering, Ontario . . . . . July pp. 265, 267	

### FOREIGN

Adams, Holden and Pearson; New Office Building for the Metropolitan District Railway, London, England . . . . . July p. 269	Saarinen, Eliel; The Cranbrook Foundation, Cranbrook, Mich. . . . . May p. 195
Long, Charles W.; Victoria House, London, England . . . . . May p. 197	Shreve, Lamb and Harmon; The Empire State Building, New York . . . . . May pp. 191, 193

### PAINTINGS, SKETCHES, ETCHINGS, Etc.

Aykroyd, Woodruff K., "Hotel de Ville, Saumur, France" . . . . . July p. 254	Jackson, A. Y., R.C.A., "Labrador Coast" . . . . . Jan. p. 6
Barnes, Archibald, "The Grey Veil" . . . . . Jan. p. 6	"April, Petite Riviere" . . . . . Oct. p. 363
Birch, S. J. Lamorna, A.R.A., R.W.S., "Sunrise, Lamorna Cove" . . . . . Oct. p. 362	Knight, Harold, A.R.A., R.P., "Sisters" . . . . . Oct. p. 365
Cameron, Sir D. Y., LL.D., R.A., R.S.A., R.S.W., "The Temple of Venus, Rome" . . . . . Oct. p. 362	Lawson, Wendell P., "Eglise St. Jacques, Dieppe" . . . . . Feb. p. 40
Campbell, Ian, "Westward" . . . . . Oct. p. 362	Lismer, Arthur, A.R.C.A., "Fishing Village, Nova Scotia" . . . . . Jan. p. 7
Carmichael, Frank, O.S.A., "Church, Whitefish Falls" . . . . . Oct. p. 366	"The Sombre Isle of Pic, Lake Superior" . . . . . Oct. p. 363
Claire, Lorna, A.O.C.A., Reid, G. A., R.C.A., O.S.A.; Mural Decoration in the Jarvis Collegiate Institute, Toronto . . . . . June pp. 239-245	Long, Marion, A.R.C.A., "Madame Nina de Gedeonoff in Russian Costume" . Jan. p. 9
Cullen, Maurice, R.C.A., "Echo River" . . . . . Jan. p. 4	Loveroff, F. N., A.R.C.A., O.S.A., "Dandy Day, Winter" . . . . . Oct. p. 363
Forbes, Kenneth, K., A.R.C.A., O.S.A., "Portrait of My Wife" . . . . . Oct. p. 364	Miller, A. V. Haswell, "Venice, Church of the Frari" . . . . . Oct. p. 364
Fosbery, Ernest, R.C.A., "Portrait—James Wilson, Esq." . . . . . Jan. p. 8	Raine, Herbert, R.C.A., "Notre-Dame-Des-Victoires, Quebec" . . . . . Jan. p. 2
Grier, E. Wyly, P.R.C.A., "Portrait—Miss H. Walsh" . . . . . Jan. p. 7	Reid, G. A., R.C.A., O.S.A., Claire, Lorna, A.O.C.A.; Mural Decoration in the Jarvis Collegiate Institute, Toronto . . . . . June pp. 239-245
Hennessey, Frank, "The Hunter" . . . . . Jan. p. 5	Russell, John, "Hon. W. D. Ross, Lieut.-Governor of Ontario" . . . . . Oct. p. 365
Jack, Richard, R.A., "Drawing Room, the Old Court House, Hampton Court, the Home of Sir Christopher Wren" . . . . . Oct. p. 348	Symons, Mark, "My Lord I Meet in Every London Lane and Street" . . . . . Oct. p. 361
	Wilson, P. Roy, "The Mote House, Ightham, England" . . . . . May p. 174

### SCULPTURE

Epstein, Jacob, "Lydia" . . . . . Oct. p. 366	Wallis, K. E., "La Lutte Pour La Vie" . . . . . Jan. p. 5
Hahn, Emanuel, A.R.C.A., O.S.A., "Vilhjalmur Stefansson" . . . . . Oct. p. 366	Wood, Elizabeth Wyn, "Gesture" . . . . . Jan. p. 10



**THAT'S A CLEAN JOB!**



Elevator Shaft  
Canada Life Assurance Bldg.,  
Toronto, Ont.

# **NATCO**

## **STRUCTURAL CLAY TILE**

*A Product of Fire to fight Fire*

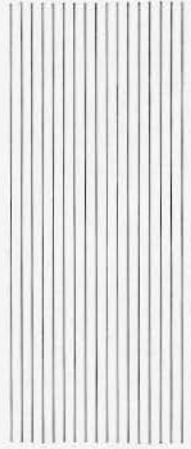
**NATIONAL FIRE PROOFING COMPANY  
OF CANADA, LIMITED**

Factory: HAMILTON.

Dominion Bank Building, TORONTO-2.



# QUALITY WOODWORK



Board Room and Ante  
of Canada Life Assurance  
Company, including finish  
by

**The J. C. Scott Company Limited**

90-108 River Street

Toronto



*WE WISH to express our hearty thanks and appreciation for the co-operation given us by Architects, Builders and Contractors during the year now drawing to a close.*

*Our best wishes are extended to all those associated with the building industry for a happy and prosperous New Year.*

**Geo. Oakley & Sons**

LIMITED

OFFICE AND PLANT:

355 LOGAN AVE.

TORONTO



# ANACONDA ARCHITECTURAL EXTRUDED BRONZE PLATE 4.

SHOWING THE USE OF EXTRUDED BRONZE  
IN STANDARD SHAPES FOR A  
MAIN OFFICE ENTRANCE

ANACONDA AMERICAN BRASS LIMITED  
NEW TORONTO, ONTARIO.





**PEDLAR TALKS**  
*on remodelling old houses*



The brains of the modern architect combined with the skill of the builder and plasterer can effect amazing transformations in old frame buildings.

Many old dwellings have ceased to be tax-burdens and have become revenue producing homes of the better type by the application of Pedlar's Truss Fabric and stucco. This reinforcing nails directly over a clapboard, or other surface. It is metal lath *corrugated*—an excellent base for the stucco job.

**PEDLAR'S**

*Send for sample and prices*



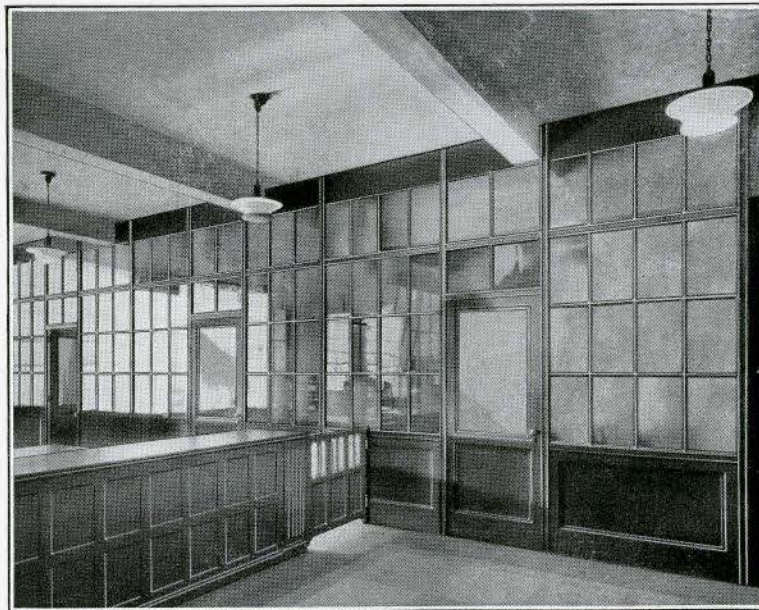
**TRUSS FABRIC**

*Made by Canadians  
 from Canadian Materials*

**THE PEDLAR PEOPLE LIMITED**

Established 1861  
 HEAD OFFICE—OSHAWA, ONT.

FACTORIES—Oshawa, Montreal, Winnipeg, Vancouver.  
 BRANCHES—Montreal, Toronto, Ottawa, Winnipeg, Regina, Calgary, Vancouver.



**Eight Points  
 of Superiority**

DENNISTEEL metal partitions combine strength, attractiveness, permanency, adaptability, sanitation, economy, ease of installation and are fire resisting.

They fulfil every requirement for the modern office, factory, warehouse and institutions, with their interchangeable parts which are so easily erected or adjusted to your growing needs.

Made with the same efficiency and care that has made Dennisteel so well and favorably known throughout Canada for the past 63 years.

*Co-operation: Our Engineering Department will gladly offer suggestions as to layout and specifications. Write for partition folder.*

**DENNISTEEL LIMITED**

Montreal

LONDON

Toronto



Made in Canada  
Conduit

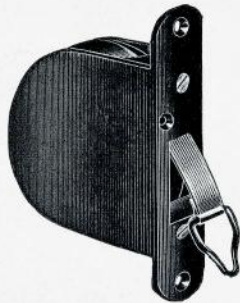
For  
Electrical Wiring

Labelled under supervision of Underwriters' Laboratories  
**XCELADUCT**  
(GALVANIZED)

For all  
Electrical  
Installations

Manufactured by  
**National Conduit Co., Limited**  
Toronto

Manitoba Agent: MacKay-Morton, Limited, 138 Portage Ave. E., Winnipeg.  
British Columbia Agent: John A. Conkey, Yorkshire Building, Vancouver.  
Alberta and Sask. Agent: H. E. Canham, 2509 Wallace St., Regina.



**CALDWELL  
SASH BALANCES**



*Backed by Forty Years' Experience*

Each Caldwell Sash Balance has a quality built into it that assures satisfaction, and maximum length of service.

Box frames can be eliminated, thus contributing greatly to making a building of warm construction. They also permit the use of narrow mullions and trim. Mortises can be cut at the mill to one size.

When the saving of labor and material is considered, they cost no more than ordinary weights and cords.

**CALDWELL MANUFACTURING COMPANY**  
ROCHESTER, NEW YORK, U.S.A.

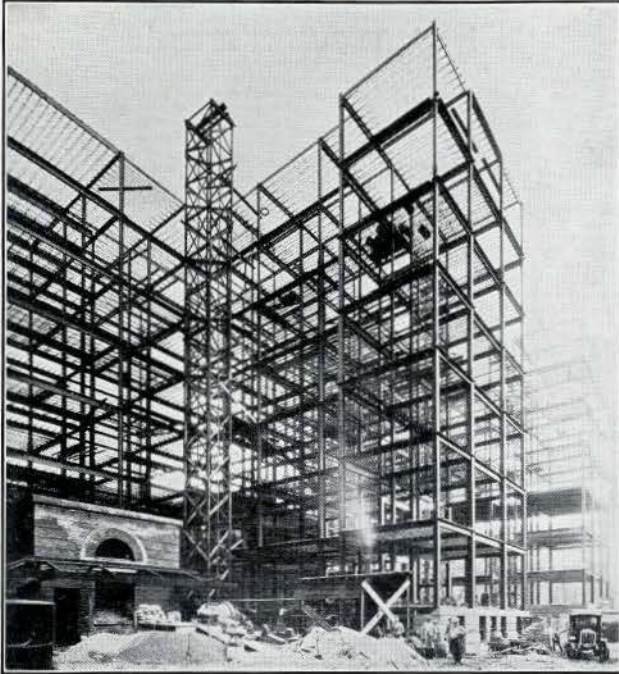
*Canadian Representatives*

W. H. GLASSCO & CO.  
628 Royal Bank Bldg.  
Winnipeg, Manitoba

CHAS. J. WALKER, LIMITED  
507 Coristine Bldg.  
Montreal



SPEED » » »  
 ECONOMY » » »  
 EFFICIENCY » » »



Second Addition to St. Michael's Hospital, Toronto  
 J. P. Hynes, Architect

All three combined in Massillon Bar  
 Joist floor construction

Lightness of weight and standardization of sizes make for speed in handling and erection, cutting down costs. Floors in which Massillon is used are fireproof and soundproof, guaranteed to give efficient service as long as the building lasts.

Complete details sent gladly on request.

Engineers,  
 Fabricators and  
 Erectors of  
 Structural Steel  
 and  
 Manufacturers of  
 Massillon Vault  
 Reinforcing

"BUILD FIRE OUT"

**SARNIA BRIDGE  
 CO., LIMITED  
 SARNIA • CANADA**

Branch Offices: Toronto and Montreal  
 Agents in All Principal Cities

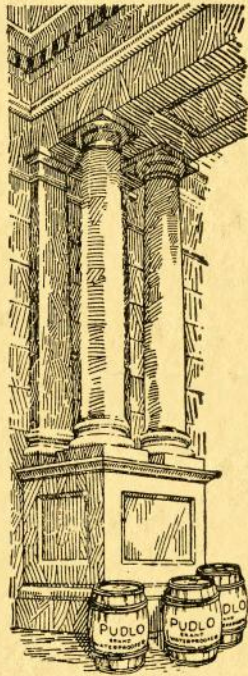
LIST OF ADVERTISERS

NOTE—Advertisers and Advertising Agencies are requested to note that the next issue of the Journal will be published early in January, 1932. Copy should be supplied not later than December 26th, 1931.

ALUMINIUM (VI) LIMITED .....—  
 ANACONDA AMERICAN BRASS LIMITED .....xxi  
 ARMSTRONG CORK & INSULATION COMPANY, LIMITED .....x  
 BARRETT ROOFING COMPANY, LIMITED.....—  
 BARRY & STAINES LINOLEUM (CANADA) LIMITED .....—  
 CALDWELL MANUFACTURING COMPANY.....xxiii  
 CANADA CEMENT COMPANY, LIMITED .....—  
 CANADA FLOORING CO. LIMITED .....—  
 CANADIAN GENERAL ELECTRIC COMPANY, LIMITED .....—  
 CANADIAN INDUSTRIES LIMITED.....iv  
 CANADIAN JOHNS-MANVILLE CO., LIMITED .....—  
 CANADIAN WESTINGHOUSE CO. LIMITED .....xiii  
 CORPORATE STEEL PRODUCTS LIMITED.....—  
 CRANE LIMITED.....viii  
 DARLING BROS. LIMITED .....iii  
 DENNISTEEL LIMITED.....xxii  
 DOMINION BRIDGE COMPANY, LIMITED.....ix  
 DOMINION OILCLOTH & LINOLEUM COMPANY, LIMITED .....—  
 DOMINION ELECTRIC PROTECTION CO.....—  
 C. A. DUNHAM CO. LIMITED.....—  
 THOMAS ELSLEY LIMITED.....—  
 FRIGIDAIRE CORPORATION.....—  
 THE B. GREENING WIRE CO. LIMITED.....—  
 HAY & CO., LIMITED.....vii  
 INDIANA LIMESTONE CO., LIMITED.....—  
 JENKINS BROS., LIMITED.....—  
 JOHNSON TEMPERATURE REGULATING CO. OF CAN., LTD...xi  
 ROBERT MITCHELL COMPANY, LIMITED .....xvii  
 ALEXANDER MURRAY & COMPANY, LIMITED .....xiv, ii  
 NATIONAL CONDUIT COMPANY, LIMITED.....xxiii  
 NATIONAL FIRE PROOFING CO. OF CANADA, LIMITED .....xix  
 NORTHERN ELECTRIC CO., LIMITED.....—  
 GEO. OAKLEY & SONS, LIMITED.....xx  
 OTIS-FENSON ELEVATOR COMPANY, LIMITED.....i  
 THE PEDLAR PEOPLE LIMITED.....xxii  
 PRICE BROS. & COMPANY, LIMITED.....xviii  
 SARNIA BRIDGE COMPANY, LIMITED .....xxiv  
 THE J. C. SCOTT CO. LIMITED .....xx  
 SPIELMAN AGENCIES, REG'D..... Inside Back Cover  
 STEDMAN REINFORCED RUBBER FLOORING.....ii  
 THE STEEL COMPANY OF CANADA LTD... Outside Back Cover  
 STRUCTURAL CLAY TILE ASSOCIATION... Inside Front Cover  
 J. & J. TAYLOR LIMITED .....xvi  
 TORONTO HYDRO-ELECTRIC SYSTEM .....—  
 TURNBULL ELEVATOR COMPANY, LIMITED .....vi  
 WALLACEBURG BRASS & IRON MFG. CO. LIMITED.....v

THE JOURNAL  
 ROYAL ARCHITECTURAL INSTITUTE  
 OF CANADA





# 'PUDLO'

Registered BRAND Trade Mark  
CEMENT WATERPROOFER

PORTLAND CEMENT which has been waterproofed by the simple addition of 'PUDLO' Brand powder, remains waterproof for all time. It resists the erosion and flaking caused by frost, when ordinary cement is rain soaked. Chemical-laden moisture cannot penetrate cement that is waterproofed with 'PUDLO' Brand powder.

## A STANDARD CONSTRUCTIONAL MATERIAL

The complete efficacy of 'PUDLO' Brand Waterproofer is unquestioned by the many Architects and Engineers who specify it, and by the still greater number of builders and workmen who prefer to use it—even when not specified—because of its aid to good workmanship.

*Used for Reservoirs, Basements, Tanks, Damp Walls, Baths, Garage Pits, Concrete Buildings, etc. Tested by Faixa, Kirkaldy, Cork University, the Japanese and Spanish Governments, etc. Used by the Admiralty, War Office, India Office, Crown Agents, H.M.O.W., the G.P.O., etc.*

Book of Specifications—Post Free

**SPIELMAN AGENCIES, REG'D.,**

**420 Lagachetiere St. W., Montreal**

Toronto—H. A. J. Aldington.  
Hamilton—Doolittle, Limited.  
London—E. R. Seabrook & Co.  
Ottawa—Webster & Sons, Limited.  
Sault Ste. Marie—J. M. Biscomb.  
Galt—Galt Roofing Co.  
Windsor—E. S. Carlyle.

Kingston, Ont.—Drury's Supplies.  
Vancouver—Evans, Coleman & Evans.  
Victoria { Evans, Coleman & Johnson  
          { Bros., Limited.  
New Westminster—Gilley Bros., Limited.  
Winnipeg—Winnipeg Paint & Glass Co.  
Saskatoon—Winnipeg Paint & Glass Co.

Regina—Winnipeg Paint & Glass Co.  
Edmonton—Edmonton Paint & Glass Co.  
Calgary—G. Silvester Supplies Limited.  
Quebec, P.Q.—La Cie. G. I. Lachance.  
Chicoutimi, P.Q.—Pulp & Paper Mill Supply Co.  
St. John, N.B.—Estey & Co.  
Halifax, N.S.—Wm. Stairs, Son & Morrow, Limited.

## RECENT ARCHITECTURAL BOOKS

*Any of the books mentioned in this announcement, as well as those which are reviewed in our columns, may be secured from Architectural Publications Limited at the published price. Carriage and customs duties prepaid.*

### GOOD PRACTICE IN CONSTRUCTION

*By Philip G. Knobloch* \$6.00

Parts I and II Combined and Revised

This book, consisting of 52 plates, was first published in 1923, followed in 1925 by Part II containing an equal number of plates. The present volume combines both, with the addition of 10 new plates. The author's aim has been to present useful details in a convenient form for use in the drafting room. The drawings are made on a large enough scale to show clearly all details, to which explanatory notes are added.

### KIDDER-PARKER ARCHITECTS' AND BUILDERS' HANDBOOK

*Harry Parker, Editor-in-Chief* \$8.00

An unequalled work-and-reference-book universally recognized as an indispensable aid for architects and builders. The authors have spared no pains to give sufficient detail and information for all ordinary purposes and the key to many of the larger problems that are met with during the course of professional practice.

### A HISTORY OF ARCHITECTURE

*By Sir Banister Fletcher, F. S. A.* \$12.00

NINTH REVISED EDITION

No student of architecture should be without this standard work, which is itself a triumph of art. The illustrations alone are a treasure-house of noble form, and create to the observer a sense of delight and exultation as he passes in review all these magnificent monuments of man's effort and his aspirations.

Ninth Edition completely revised with about 4,000 illustrations of which 500 are new to this Edition.

### TRAVEL SKETCHES IN THE OLD WORLD

*By Woodruff K. Aykroyd* \$5.50

This volume of sketches will delight not only the architect who can employ it as a source book, but also both the layman whose memories will be stirred by these familiar scenes and all those for whom these drawings will provide visualization of places familiar in literature and of sights which will come with the first trip to Europe.

## ARCHITECTURAL PUBLICATIONS LIMITED

74 KING STREET EAST

TORONTO, ONT.

*Cheques payable to Architectural Publications Limited*



WHY YOU SHOULD USE

**STELCO**

# STEEL SHEETS

*Made in Canada from Ore to Finished Product*

Plain Galvanized  
Sheets

Copper Bearing  
Galvanized Sheets

Copper Bearing  
Culvert Stock

Black Sheets in a  
variety of finishes

Blue Annealed  
Sheets in a variety  
of finishes

Copper Bearing  
Sheets

Galvannealed Sheets

Galva-Polished Sheets

Stelco Sheets are thoroughly Canadian — a product of Canadian labour and Canadian capital. Every step in their manufacture is closely controlled by Stelco metallurgists. From the selection of the ore for smelting to the final rolling of the finished sheet every process is supervised by experts. Stelco sheets must measure up to rigid specifications before they are allowed to go out under the familiar Stelco mark.

There are Stelco sheets specially produced and finished for nearly everything for which sheet metal can be used. Our metallurgists will welcome the opportunity of discussing your sheet metal problems.

Stelco Sheets were used in the following important buildings:

New Toronto Arena

Sun Life Building,  
Montreal

T. Eaton Co. Ltd.,  
Toronto

Royal York Hotel,  
Toronto

Power Building,  
Winnipeg

C.N.R. Hotel,  
Vancouver

C.N.R. Terminals,  
Halifax

## THE STEEL COMPANY OF CANADA LIMITED

*Executive Offices*

HAMILTON - MONTREAL

Sales Offices: Halifax, St. John, Montreal, Toronto, Hamilton,  
Winnipeg, Vancouver. Works: Hamilton, Montreal, Toronto,  
Brantford, London, Gananoque.