

ed the general contract for the erection of a residence for L. C. Wetzel, Windsor, to cost \$5,000.

Windsor, Ont.—E. Hanesworth, 79 Wyandotte street west, has been awarded the general contract and mason contract for the erection of a bungalow for S. Buchanan, to cost \$5,000; Lambert & Braithwaite, 91 Caron street, have been awarded the carpenter contract; Windsor Hardware, Sandwich street east, have been awarded the sheet metal, steel, heating and plumbing contracts; Troupe Brothers, Gladstone avenue, have been awarded the plastering contract; Wm. Laesser, 94 Janette avenue, has been awarded the painting and glazing contracts; McNaughton-McKay, 216 Wyandotte east, have been awarded the electric wiring contract; J. C. Pennington, Labelle Building, Windsor, is the architect.

SCHOOLS, CHURCHES AND COLLEGES.

Barrie, Ont.—Architect F. S. Baker, Bank of Hamilton Building, Toronto, has prepared sketch plans for a collegiate, to cost \$100,000, for the Board of Education.

Brantford, Ont.—Jesse Bartle, 172 Darling street, Brantford, has been awarded the general contract for the erection of an addition to a school on Erie avenue, to cost \$9,000, for the School Section No. 23; F. C. Bodley, Colborne street, Brantford, is the architect.

Charlottetown, P.E.I.—Architects C. B. Chappel & Hunter, Charlottetown, will receive tenders up to Saturday, April 21st, 1917, for the completion of the interior of St. Teresa's Church, at Charlottetown.

Hamilton, Ont.—The Board of Education for the city of Hamilton contemplates the erection of a school, to cost \$60,000. The Barton Township Council contemplates the erection of a school addition, to cost \$10,000.

Kenora, Ont.—The St. Alban's Protestant Cathedral will rebuild their church, which was destroyed by fire.

Moserville, Ont.—Architect Chas. Knetchel, Glick Building, Kitchener, is preparing plans for a church for the Lutheran Congregation, to cost \$12,000.

Sandwich West, Ont.—Wm. Murphy, Sandwich, Ontario, has been awarded the heating and plumbing contracts in a school for the School Board S. S. No. 1 Sandwich, to cost \$8,890; A. Tourangeau, 14 Bridge avenue, Windsor, is the general contractor; G. Jacques & Company, Peninsular Security Building, Windsor, are the architects.

Ste. Perpetue, Que.—Thomas Caron, St. Aubert Company, Q'islet, Quebec, have been awarded the general contract for the erection of an addition to a church for the Trustees of Ste. Perpetue, to cost \$12,200; Pierre Levesque, 115 St. John street, Quebec, is the architect.

Stouffville, Ont.—The Public School Board have selected a site for the erection of a school, to cost \$15,000.

Stoney Creek, Ont.—The Anglican Church of Stoney Creek contemplates the erection of a parish hall, to cost \$7,000. The Methodist Church of Stoney Creek contemplates the erection of an addition to their Sunday school, to cost \$10,000.

Trenton, Ont.—Architects S. B. Coon & Son, Excelsior Life Building, Toronto, are preparing plans for a school for the Public School Board, to cost \$55,000.

PERSONAL.

Architects S. B. Coon & Son, Toronto, have removed their offices from the Ryrie Building to 810 Excelsior Life Building, Toronto, Ont.

DISSOLUTION OF PARTNERSHIP.

A change in the personnel of the firm of Curry & Sparling, architects, of 105 Bond street, Toronto, has recently taken place, necessitated by the retirement of Mr. Curry.

Mr. Wm. F. Sparling is now engaged in practice under the name of The William F. Sparling Company, Architects and Engineers, with a new suite of offices at 120 Bay street, in the new Trusts and Guarantee Building, which structure Mr. Sparling is completing. The entire office staff of the late partnership has been engaged, along with the services of competent engineers. The new firm are the architects for the new Masonic Temple being erected in Toronto. It is the intention of the company to establish New York offices to maintain their connection in the United States.

CATALOGUES and BOOKLETS

"Heating and Ventilation," by Louis Allen Harding, B.S., M.E., and Arthur Cutts Willard, S.E., is the title of an important new work for engineers and architects, comprising Volume 1 of what will be a series of volumes on "Mechanical Equipment of Buildings." The work, however, is complete in itself, while Vols. 2 and 3, now in preparation, will deal with power plants, elevator, lighting systems, refrigeration plants, sprinkler systems, vacuum cleaning and plumbing. In its scope and general treatment of the subject the volume on "Heating and Ventilation" easily takes rank with any of the previously-published works on the same general topic. In addition the authors have drawn freely on all available sources of information relating to this field of engineering, and have made extensive use of manufacturers' data in designing the various mechanical systems or plants required in modern buildings. In this respect alone, the work represents the latest and most approved practice. Moreover, the extensive training and experience of the authors have enabled them to select their data with a fine discrimination, so that the reader is really getting the accumulated notes, including much original matter, of these two engineers.

Among the many notable features of this work, special mention should be made of the number and uniform character of the illustrations, the great number of these, in many cases, requiring insert sheets to contain them all.

Unlike the ordinary manual on heating and ventilation, the volume devotes the opening chapter to physical units and meas-

urement of heat, while the second chapter is given over to a consideration of the fundamentals of water, steam and air. The authors then take up modern heating practice in its various phases. A chapter is included on electrical heating, while another chapter gives a digest of the ventilation laws now in force. Air conditioning is given the place it deserves and central or district heating is adequately treated in a long chapter on the subject. The book contains no less than 615 pages, measuring 7 x 9 1/4 in. There are in all 543 illustrations. The book is handsomely bound in leather and sells for \$4.00. Published by John Wiley & Sons, New York, and may be had through the book department of "Construction."

"Concrete Reinforcement Bars," published by the Burlington Steel Co., Ltd., Hamilton, Canada, is an illustrated booklet of thirty-two pages. The process used in manufacturing concrete reinforcing bars is described, and tables of physical properties and tests and methods of inspection are compiled in a concise manner. It also contains formulas of reinforced concrete beams, with an explanatory notation upon what assumptions the formulas are based.

Tables of the bending moments in foot pounds per foot of width of reinforced concrete slabs, and the weights and areas of square and round bars and weights in pounds of flat steel (one foot in length), are also offered in this book, which will be forwarded upon request.

Manufacturers' Inquiries.—The President of the Society was recently asked the following question by the advertising manager of a large manufacturing concern, says the Monthly Bulletin of the Illinois Society of Architects: "Why do not architects answer letters of inquiry from manufacturers?" The answer to the question was the statement:

"That every architect receives on an average of twenty letters per day, not accompanied by either a return post card or a stamped envelope, asking for information when there is work on the boards. Assuming that every architect was busy the entire time, it would mean that every architect would be expected to answer, say twenty letters of inquiry per day, or 6,000 per year, and as no letter can be written at a less cost than about 20 cents, counting postage, stationery, time and overhead, every architect would be expected to spend the sum of \$1,200.00 per year in answering these inquiries if they were answered." Is further comment necessary?

CONTRACTORS and SUB-CONTRACTORS

As Supplied by The Architects of Buildings

Featured in This Issue

Building, C.P.R. North Toronto Station, Toronto, Ont.
 Ash Hoist, Gillis & Geoghegan, Ltd., Sherbrooke, Que.
 Boilers, Jencks Machine Company, Ltd., St. Catharines, Ont.
 Boiler Feed Pump, Bawden Machine Co., Ltd., Toronto, Ont.
 Cabinet and Woodwork, Georgian Bay Shook Mills, Ltd., Midland, Ont.
 Casements and Window Construction, also Doors and Window Trim, Crittalls Casement Co., Toronto, Ont.
 Electric Fixtures, McDonald & Willson, Ltd., Toronto, Ont.
 Electric Wiring and Apparatus, Bennett & Wright Co., Toronto, Ont.
 Elevators and Hoists, Otis-Fensom Elevator Co., Ltd., Toronto, Ont.
 Fire Hose, Gutta Percha and Rubber, Ltd., Toronto, Ont.
 Hardware, Springer Lock Manufacturing Co., Ltd., Belleville, Ont.
 Heat Regulating System, Canadian Powers Regulator Co., Toronto, Ont.
 Wood Work and Decoration, Canadian Office and School Furniture Co., Toronto, Ont.
 Marble, Standard Marble and Tile Co., Ltd., Toronto, Ont.
 Ornamental Iron, Architectural Bronze and Iron Works, Toronto, Ont.
 Paints, Jos. McCausland & Sons, Toronto, Ont.
 Plumbing and Heating, Fred Armstrong Co., Ltd., Toronto, Ont.
 Plaster Work (ceiling), Hoidge & Sons, Toronto, Ont.
 Radiators, Steel and Radiation, Ltd., Toronto, Ont.
 Sanitary Fixtures, Cluff Brothers, Toronto, Ont.
 Stone, Tyndall Stone.
 Structural Iron and Steel, Dominion Bridge Co., Ltd., Montreal, Que.
 Terra Cotta, Northwestern Terra Cotta Co., Chicago, Ill.
 Ventilating System, W. E. Dillon Co., Ltd., Toronto, Ont.
 Water Tank, Jencks Machine Co., Ltd., St. Catharines, Ont.
 Contractors, General, P. Lyall & Sons Construction Co., Ltd., Montreal, Que.
 Architects, Darling & Pearson, Toronto, Ont.

Building, Customs Examining Warehouse, Ottawa, Ontario.

Boilers, McKinley & Northwood, Ottawa, Ont.
 Casements and Window Construction, also Doors and Window Trim, Henry Hope & Son, Ltd., Toronto, Ont.
 Cement, Canada Cement Co., Ltd., Montreal, Que.
 Concrete Work, Hoffer Construction Co., Montreal, Que.
 Doors (revolving), A. B. Ormsby Co., Ltd., Toronto, Ont.
 Electric Fixtures, Canada Electric Fixture Co., Ltd., Montreal, Que.
 Electric Wiring and Apparatus, Canada Electric Fixture Co., Ltd., Montreal, Que.
 Elevators and Hoists, Otis-Fensom Elevator Co., Ltd., Toronto, Ont.
 Expanded Metal, R. D. Clark & Son, Montreal, Que.
 Fire Doors, Mussels, Ltd., Montreal, Que.
 Fire Escapes, Estey Brothers Company, Montreal, Que.
 Flooring, Missisquoi Marble Co., Montreal, Que.
 Glass, Prism, Luxfer Prism Co., Ltd., Toronto, Ont.
 Marble, Missisquoi Marble Co., Montreal, Que.
 Paints, Ottawa Paint Works, Ltd., Ottawa, Ont.
 Ornamental Iron, Estey Brothers Company, Montreal, Que.
 Roofing Sheet Metal, McFarlane-Douglas Co., Ltd., Ottawa, Ont.
 Stone, Wallace Sandstone Quarries, Ltd., Montreal, Que.
 Structural Iron and Steel, Toronto Structural Steel Co., Ltd., Toronto, Ont.
 Contractors, General, P. Lyall & Sons Construction Co., Ltd., Montreal, Que.
 Architect, E. L. Harwood, Chief Architect Department of Public Works, Ottawa, Ont.