

## CATALOGUES and BOOKLETS

**Eureka Water Pumps and Systems.**—The Bishop-Babcock Becker Company, Cleveland, Ohio, have issued Catalogue B33. It describes in detail the various systems they manufacture. The Eureka systems are complete, covering pumps and systems which are operated by electric motors, gasoline or kerosene engines, city water pressure, or by hand, enabling water to be pumped from any source and delivered wherever desired. Capacity details and other tabular information is given. Copies can be had on application.

**Pedlar's Saino Fire Door.**—This book describes a product that is claimed to be radically different from any fire door heretofore known. The National Fire Protection Association demand that fire doors meet certain requirements, and apparently these have been amply accomplished by the manufacturers of these doors. A description covering the six types made, cuts and illustrations, hardware required, and blue prints, are included in this book. It is, in fact, as complete an edition of its kind as we have had the pleasure of reviewing for some time. By addressing the Pedlar People, Ltd., at any of their numerous branches this book may be obtained.

**British Columbia Red Cedar Shingles** is the title of an interesting booklet issued by the British Columbia Government. It is well known throughout the continent that British Columbia shingles are the highest grade shingles manufactured, owing to the fact that cedar reaches its best development in British Columbia. The best methods of laying, the right nails to use, how to use them, the reliability and economy of them, are all dealt with in this booklet, and the many advantages to be gained by promoting their use adds force to the argument that interprovincial commerce and trade should be encouraged to the best of our ability. By addressing the British Columbia Lumber Commissioner, Excelsior Life Building, Toronto, Ont., this and other valuable information may be procured.

**The Webster Vacuum System of Steam Heating** is the title of a profusely illustrated and attractively bound ninety-six page catalogue just issued by Darling Bros., Ltd., Montreal. It describes the progress of the firm during the past twenty-eight years in relation to the development of heating systems and the effect of a close study and the application of engineering principles towards bringing to its present state of efficiency the vacuum system of steam heating and the various accessory apparatus which they produce. It further contains many pages of valuable information illustrated with drawings on the installation of the Webster System, besides describing this system and giving typical installations. Views are given throughout the catalogue of various Canadian buildings in which the Webster System is installed, which include some of the largest office buildings, hotels, public institutions, factories, apartment houses, and private residences in Canada. Other Webster Systems are described, including the Webster Pres-co Vacuum System, the Webster Hydro Pneumatic System, the Webster Hydro Vacuum Control System, and the Webster Modulation System. Feed Water Heaters are illustrated and described, as well as other special apparatus relating to control and efficiency. This catalogue should be in the hands of every architect and engineer of Canada, and a card mentioning "Construction" will result in a copy being sent.

**Planning and Specifying Interior Lighting.**—Illumination from Concealed Sources is the most comprehensive publication on lighting that has yet come to hand. Dealing, as it does, with this important subject, no facts or points of interest have been overlooked. With this data at his command the architect or illuminating engineer can design his own fixtures to harmonize with the specific interior, and be assured that the illumination will be ample in quantity, perfect in quality, and the combined artistic and lighting effect entirely in accord with the general period or scheme of decoration.

Scientifically designed X-ray eye comfort reflectors and accessories have been developed to meet the requirements for indirect illumination from ceiling fixtures of many types, floor pedestals, urns, portable floor and table art lamps, wall and pillar brackets, pillar capitals, corbels and cornices. This equipment has been standardized, and complete data, dimensional drawings, and other requisite information on the various types of reflector equipment are given.

It is stated that with this equipment, which has been adopted by the world's largest manufacturers, the efficiency of workmen is increased, and, since he is working under hygienic conditions, his services and good will are retained.

Twenty-four detail plates are enclosed with this portfolio, and they cover the field up to the present stage of development excellently.

It is the endeavor of this company to render valuable aid to the architect, and they emphasize that their staff of illuminating engineers is ready and willing at all times to co-operate as fully as desired in solving lighting problems in the most effective manner.

This portfolio of catalogue and plates will be forwarded upon request to the National X-Ray Reflector Co., 235 West Jackson Blvd., or to George J. Beattie, Canadian representative, 72 Victoria Street, Toronto, Ont.

### MANY GARAGES BUILT.

The number of garages built in Toronto during 1916 is an indication of the importance attained by this branch of construction. There were built last year 325 garages, representing a value of \$300,000. This item does not include the permanent equipment, which would add from twenty-five to fifty per cent. to the above amount.

### JUBILEE ANNOUNCEMENT.

The firm of A. C. Leslie Company, Ltd., of Montreal, have just issued an announcement on the completion of fifty years of the company's history. Established a year before Confederation, this firm is considered as one of the pioneer business organizations in relation to the metal industry in Canada. They have always enjoyed a high place in the esteem of those with whom they have done business.

### BUILDING PERMITS.

Total value of permits issued at St. Catharines for the month ending November, 1916, was \$57,470.00.

Total value of permits issued at Vancouver, B.C., for twelve months ending 1916, was \$2,412,889.00; for twelve months ending 1915, was \$1,593,229.00.

Total value of permits issued at Port Arthur, Ontario, for the year ending 1916, was one and a half million dollars.

Total value of permits issued at Galt, Ontario, for the year ending 1916, was over a quarter million dollars.

### WILL BUILD NEW FACTORY.

The Turnbull Elevator Company of Toronto have purchased a large factory site at the corner of Bloor and Lansdowne, consisting of about 4½ acres, and comprising the larger portion of the old Dunlop property. The frontages include 425 feet on Bloor street, beginning about 367 feet west of Lansdowne avenue; 110 feet 10 inches on Lansdowne avenue, 360 feet on Janet avenue, 175 feet along the G.T.R. tracks, and 540 feet on Wade avenue. The average depth is around 120 feet. The price paid for the property is \$106,000. A modern factory will be erected.

### TORONTO BRANCH CIVIL ENGINEERS.

The annual meeting of the Toronto branch of the Canadian Society of Civil Engineers was held at the rooms of the Society at the Engineers' Club, 30 King Street West, on Thursday, January 11th. The main business of the evening was the election of officers for the ensuing year. Reports from the various committees were received and disposed of. A suggestion which met with hearty approval, and towards which the executive will work, is that of making the members better acquainted with each other. The following officers were elected: Chairman, E. W. Oliver; secretary-treasurer, L. M. Arkley; executive committee, A. H. Harkness, T. T. Black, H. G. Acers, and E. A. Hewson.

### TECHNICAL SOCIETIES.

**ALBERTA ASSOCIATION OF ARCHITECTS.**—President, Jas. A. Henderson, F.R.I.E.A., Edmonton; Hon. Secretary, W. D. Cromarty, Edmonton.

**ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA.**—President, R. Mackay Frigg; Secretary, Fred L. Townley, 325 Homer St., Vancouver, B.C.

**CANADIAN CEMENT AND CONCRETE ASSOCIATION.**—President, Peter Gillespie, Toronto, Ont.; Secretary-Treasurer, Wm. Snaith, The Thor Iron Works, Toronto, Ont.

**CANADIAN CLAY PRODUCTS' MANUFACTURERS' ASSOCIATION.**—President, J. E. Frid, Hamilton; Secretary-Treasurer, G. C. Keith, Toronto.

**CANADIAN ELECTRICAL ASSOCIATION.**—President, Col. D. R. Street, Ottawa; Secretary, Alan Sullivan, Confederation Life Building, Toronto.

**CANADIAN FORESTRY ASSOCIATION.**—President, William Power, M.P.; Secretary, James Lawler, Journal Building, Ottawa.

**CANADIAN GAS ASSOCIATION.**—President, J. P. King, Stratford, Ont.; Secretary-Treasurer, Geo. W. Allen, 19 Toronto St., Toronto, Ont.

**CANADIAN INDEPENDENT TELEPHONE ASSOCIATION.**—President, W. Doan, M.D., Harrietsville, Ont.; Secretary-Treasurer, Francis Dagher, 21 Richmond St. West, Toronto.

**CANADIAN INSTITUTE.**—198 College St., Toronto. President, J. E. Lyren; Secretary, Mr. J. Patterson.

**CANADIAN NATIONAL ASSOCIATION OF BUILDERS' EXCHANGES.**—Western Section—President, C. R. Frost, 609 Second St., Edmonton, Alta.; Secretary-Treasurer, A. M. Frith, 224 McDougall Ave., Winnipeg. Eastern Section—President, Geo. Gander, Toronto; Secretary-Treasurer, P. L. Fraser, Builders' Exchange, Toronto.

**CANADIAN SOCIETY OF CIVIL ENGINEERS.**—President, G. H. Duggan, Montreal; Secretary, Prof. C. H. McLeod, Montreal.

**LONDON BUILDERS' EXCHANGE.**—President, A. C. Nobbs; Secretary-Treasurer, F. S. Barclay.

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**QUEBEC BUILDERS' EXCHANGE.**—President, J. A. Marlier; Secretary-Treasurer, Alf. Cote.

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**SASKATCHEWAN ASSOCIATION OF ARCHITECTS.**—President, A. Graham Creighton, Prince Albert; Vice-Presidents, R. G. Bunyard, Moose Jaw; J. C. Fortin, Regina; Secretary-Treasurer, Francis B. Reilly, Westman Chambers, Regina. Council—W. G. Van Edmond, Regina; Prof. Greig, Saskatoon; H. Cooper, Saskatoon.

**SOCIETY OF CHEMICAL INDUSTRY.**—Wallace P. Cohoe, Chairman; Alfred Burton, Toronto, Secretary.

**TECHNICAL SOCIETY OF PETERBOROUGH.**—Bank of Commerce Building, Peterborough. President, M. C. Mills, P.O. Box 995, Peterborough, Ont.

**TORONTO BUILDERS' EXCHANGE.**—President, S. R. Hughes; Secretary, A. E. Flower.

**UNION OF CANADIAN MUNICIPALITIES.**—President, T. L. Church, Mayor of Toronto, Ont.; Hon. Secretary-Treasurer, W. D. Lighthall, K.C., ex-Mayor of Westmount; Asst. Secretary, G. S. Wilson, Coristine Building, Montreal.