

Morse street, \$4,000; R. J. Hill, 2½-storey brick dwelling, Victor avenue, \$3,500; Hudson Bros., 2 pair 2-storey semi-detached brick dwellings, Clarence avenue, \$12,000; G. Frost, pair 2½-storey semi-detached brick dwellings, Palmerston and Olive, \$6,000; Jas. H. Locke, pair semi-detached 2-storey brick veneered rough cast dwellings, Crawford street, \$3,600; D. Muirhead, 2½-storey brick dwelling, Amelia street, \$2,500; Love Bros. Ltd., 10 detached 2½-storey brick dwellings, Woolfrey avenue, \$3,000; S. E. Van Camp, 2 detached 2½-storey brick veneered front rough cast dwellings, Riverdale avenue, \$3,500; Chas. Gibbons, pair 2-storey semi-detached rough cast dwellings, Symington avenue, \$4,000; C. Coutts, pair 2-storey and attic semi-detached brick dwellings, Wright avenue, \$5,000; Geo. Anderson, pair 2½-storey semi-detached brick dwellings, Roxborough street, \$10,000; Ed. Howell, pair 2-storey brick veneered front rough cast dwellings, Shaw and Dupont, \$2,500; Love Bros., Ltd., 3 pair 2-storey semi-detached brick dwellings, Riverdale avenue, \$12,000; Love Bros. Ltd., 2 pair 2-storey semi-detached brick dwellings, Langley avenue, \$8,000; W. W. Hiltz, pair 2½-storey semi-detached brick dwellings, Simpson avenue, \$5,000; Brittle Bros., pair 2-storey and attic semi-detached brick dwellings, Rusholme Road, \$6,000; J. F. Austin, 2½-storey brick dwelling, Orinole road, \$7,500; H. Dorenwend, 3-storey brick apartment house, George street, \$20,000; R. J. Lighlie, pair 2½-storey semi-detached brick dwellings, Victor avenue, \$5,000; E. J. Gidler, pair 2-storey semi-detached brick veneered and roughcast dwellings, Wardell avenue, \$2,800; H. Hazellhurst, pair 2-storey semi-detached brick dwellings, Clinton street, \$3,750; John Kee, pair 2-storey semi-detached brick dwellings, Callendar street, \$4,000.

CONTRACTS AWARDED.

FORT WILLIAM, ONT.—Two-storey building northeast corner May street and Victoria avenue: M. H. Braden.

PETERBORO, ONT.—The Ontario Wind Engine & Pump Co., of Toronto, have secured the contract for a new wind mill for the House of Refuge.

OGDENSBURG, QUE.—The elevator contract in connection with Frank & Son's new store has been awarded to the Otis Elevator Co. at \$3,000; heating, Hackett Hardware Co., \$3,100.

OWEN SOUND, ONT.—Eight tenders were received for the new concrete bridge to be built across the Pottawatamie river. The award was given to Frost & Nickle, of Brooke, Ont., at \$3,650.

ORILLIA, ONT.—The contract for the work of converting the Dunn residence into a hospital has been awarded to H. W. Switzer at \$7,500; heating and ventilating, Orillia Hardware Co., \$1,625; plumbing, same company, \$1,025.

BRANDON, MAN.—It is announced that Dumas & Lochrane, Ottawa, have secured the contract for the new armoury; approximate cost, \$50,000.—The Canadian Northern Railway have let the contracts for their new roundhouses to the May-Sharp Construction Co., of Winnipeg.

CALGARY, ALTA.—The authorities have awarded the contract for the proposed city hall to the Alberta Building Co. at \$147,124. Others who tendered were: McNeill & Burns, \$166,028; Smith, Bros. & Wilson, \$156,700; Thorpe & Underwood, \$183,000 and D. J. McLachlin, \$148,800.—The Waterworks Committee have recommended the acceptance of the Allis-Chalmers-Bullock tender for turbine pump at \$1,885.

WINNIPEG, MAN.—Erection of addition to south fire hall, for all trades: H.

Milord, \$19,600.—The City Engineer submitted the only tender for sewerage work in Bird's Hill road, Gurney avenue and Montcalm street. The contract was accordingly awarded to him at \$29,667.—The Jackson Building Co. have secured the contract for building the new Anglican church in Elmwood at \$4,500.

VANCOUVER, B. C.—David Spencer Limited have awarded the contract for the erection of an eight-storey and basement brick building on Cordova street to Smith & Sherborne, whose price was \$120,000.—The British Columbia Contract Co. have obtained the contract for the new ocean wharf of C. Gardner Johnston & Co.

FIRES.

Buildings of Dr. Brown, Messrs. Wagner, Hawforneil, Hammer, Dunoman & Weber, also bridge over Saugeen river, at Neustadt, Ont., loss \$10,000.—Hotel building of George Court, Warton, Ont., loss \$5,000.—Lumber mills of Morin Bros., St. Louis, Du Mile End, Montreal, loss \$10,000.—Building, machinery and lumber at Wood & Sons' mills, Dundalk, Ont., loss \$6,000.—Warehouse and lumber of S. Hill & Son, Saskatoon, Sask., loss \$15,000.—Warehouses and buildings of C. H. Clarke & Co., H. P. W. McFarlane and others at Niagara Falls, Ont., loss \$8,000.—Flower mill and elevator, Russell, Man., loss \$25,000.—Buildings of Caverhill & Learmont, Montreal, loss \$15,000.

NEW FLOORING FOR COVERING CONCRETE.

There has been introduced into Canada a flooring material which promises to work in well with the use of cement. This material is called "Doloment," a German invention, and is said to be practically a perfect flooring. It is laid in two parts—a thick under insulating layer and an upper finishing or decorative layer. The lower layer is composed of a mixture of cork, asbestos, india rubber, ⅝ to ¾ inch thick, forming a soft, elastic bed and a non-conductor of temperature and sound. In Canada, sawdust and wood flour are largely used in the composition, with good results. The composition of the upper layer is secret. It is laid half an inch thick, and is said to be unaffected by acids, fire or water. It presents a smooth surface, hard, yet not brittle, and the claim is made that it will contract and expand without cracking. It is also suitable for tops of tables or counters, or for larger shelving and similar purposes. Large floor areas, which have been laid for upwards of four years, and subjected to great strains, are said to show no sign of wear or tear, and have not worn off into fine particles of grit and dust.

Doloment was introduced into England a few years ago, where it gave such satisfaction that when it was proposed to form a company to handle the Canadian field, the capital was subscribed in a few hours, this method of forming an English company for the sole purpose of exploiting a Canadian enterprise being somewhat unusual.

The company is called the Cana-

dian Doloment Company, and Mr. E. H. Turnbull, formerly of New Brunswick, has been appointed managing director, with headquarters in Montreal. Business was begun in April, and already the flooring has been introduced into several places, such as the Montreal Light, Heat and Power Company's new building, exhibition bathrooms, in the Henry Morgan & Company's department store, and in doctors' laboratories. As it can be laid at a cost of 20 to 30 cents per square foot, doloment should meet a popular demand in Canada. It is laid on any kind of bed, but in Montreal has largely been placed on reinforced concrete flooring.

ARCHITECTURAL HONORS.

An announcement of great interest and importance to architect and others interested in building has just been made. We refer to the competitions for designs for the new Departmental block and Justice building in Ottawa. The Assessors were President Burke of the Ontario Architectural Association; President Chausse, of the Quebec Architectural Association, and David Ewart, Chief Architect of the Dominion. Twenty nine designs from all parts of Canada were sent in. The place of honor and \$8,000 goes to Edward W. S. Maxwell, Montreal. Darling & Pearson, Toronto, obtain the second prize of \$4,000; the third award of \$2,000 falls to Saxe & Archibald, and the fourth, 1,000, to D. R. Brown and Hugh Vallance, also of Montreal. It is worthy of note that the plans of the prize winners follow the Gothic style of the present buildings on Parliament Hill. Mr. Maxwell's design will not be exclusively followed, the government intending to incorporate into one plan the best features of the several competitors' work. The buildings will cost \$3,000,000, and tenders will probably be called for within a year.

Mussen's Limited, Montreal, recently issued their catalogue No. 15 of railway, mining, municipal and contractor's supplies. The volume, which consists of 640 pages, is admirably bound, indexed and illustrated, and is a model for speedy reference.

'The English Mechanic' reports a simple method of hardening ordinary twist drills, so that they will cut into tempered steel or very hard rock. Sulphuric acid is placed into a flat-bottomed vessel to about the depth that the extra hardening is desired, as for instance, ⅜ inch. Should the drill break off, rehardened in acid that is of less depth. Above the hardened end the metal is soft. The object of placing only a fixed depth of acid in a flat pan is to have the pan bottom limit the extent of the hardening.