

The Athens, Ont., Methodist congregation will build a new \$10,000 church.

Newmarket, Ont., has carried a by-law to give \$5,000 to the Office Specialty Manufacturing Co. to extend its buildings.

The contract for the Ashburnham waterworks system has been awarded to McQuillan & Co., of Toronto, at \$6,295.

The new ranges of the Dominion Rifle association at Rockcliffe, Ottawa, are provided with acetylene gas lights instead of electric lights.

J. E. Webb, who was contractor for the masonry on the Union station, Toronto, is building a large generator house for the Consumers' Gas Co., Toronto.

Jno. Galt, C. E., Toronto, has made preliminary surveys and examinations at Stayner and Bolton, Ont., for the proposed installation of waterworks in those towns.

The matter of the contemplated bonus to the proposed rolling mills in Belleville, Ont., will not come before the rate-payers for some time, as a great deal of opposition has recently developed itself locally.

Dr. P. H. Bryce, secretary of the Ontario Board of Health, reports that the residents of Niagara-on-the-Lake are taking the sewerage question into serious consideration, and hope in a short time to have a modern system in operation.

Alex. P. McKee, proprietor of a glass factory in Anderson, Ind., was recently in Hamilton, Ont., with a view to establishing a factory there. The report that the Diamond Glass Company proposed to move to Toronto was the cause.

In St. John, N. B., the city engineer is carrying on the annual clearing of the city water mains. In the leading Ontario cities when the water mains become choked up with sediment they lay new and larger ones.

The waterworks just completed in Mount Forest, Ont., were tested August 30th, and found entirely satisfactory. The work was carried out at a cost of about \$30,000 by Clark & Connelly, contractors, Toronto, upon plans prepared by Jno. Galt, C. E., Toronto.

D. S. Collins, manager of the Fossil Flour Company's mills at Bass River Lake, Castlereagh, Londonderry, N. S., is pushing the works, and the product that is now coming from the mill is said to be most satisfactory. The mill is turning out from 10 to 13 tons of refined silica every day. It is brought over the Pole Railway to the wharf at Bass River for shipment.

The Brockville Pork Packing Company has been organized with W. H. Comstock as president; Mr. Packingham, treasurer; Mr. McLennan, secretary, and E. C. Manning, formerly of Dublin, Ireland, as manager. The buildings for the new concern are being got into shape, and the factory will soon be running.

Last month an article appeared in the columns of The Canadian Engineer describing the Sterling Hack Saws, which are a great labor-saving device; the makers' name and that of the parties selling same in Toronto were omitted. The Diamond Saw & Stamping Co., of Buffalo, manufacture these goods, and samples will be sent free and prices quoted on same by Aikenhead Hardware Co., 6 Adelaide street east, Toronto.

The Britannia Co., of Colchester, Eng., have sent us a neat souvenir in the form of a nine inch rule with one edge beveled to form a letter opener. This company manufactures various specialties in tools, and has just issued leaflets descriptive of their lathes with turret rests and capstan rests, for milling machines, and headstocks for the same, dividing appliances, engineers' vices, turret screw cutting lathes, boring machines, shapers, etc.

The General Engineering Co., of Toronto, Ltd., are prosecuting an action, taken out last July, against the Dominion Cotton Mills Co., of Montreal, and the American Stoker Co., for infringement of patents. The statement of claim sets forth that the plaintiffs are owners of patents granted in 1892 and subsequent years for improvements in boilers and furnaces and for mechanical stokers, known as the Jones Underfeed Mechanical Stoker, which patents the defendants have infringed. Damages are sought for these infringements, and an injunction is asked for restraining the defendants from using such mechanical stokers, etc. The action is taken in the Exchequer Court.

A bonus of \$2,500 is offered for the erection of a 50-barrel flour mill at Carnduff, Assa.

D. W. Kern & Co., Woodstock, are erecting a \$3,000 addition to their organ factory.

Charters Smith, Durham, Ont., has his foundry, which was burned down some time ago, in operation again.

Geo. H. Hees & Co., Toronto, window shade manufacturers, have taken out a building permit for a three-story brick factory to cost \$9,000, and a three-story brick warehouse, beside the factory, to cost \$7,000.

Oshawa, Ont., has instructed Jno. Galt, C. E., to make preliminary surveys and estimates for a system of water supply and sewage disposal for the town, to cost about \$100,000. The water supply is to be by gravity from springs in the Oak Ridges.

The difficult work of taking down the old Victoria bridge, Montreal, is being made somewhat easier by the use of pneumatic machines to cut the old rivets. The Ontario Rolling Mills Co., Hamilton, Ont., has bought the material of the former structure.

A great many elevators are being built in the Northwest this season. The Northern Elevator Co. has ten elevators under construction at the following points: Oak River, Varcoc, Pettypiece, Cypress River, La Salle, Starbuck, Elm Creek, Somerset, Swan Lake and Union Point, Man. Each of these will have a capacity of 30,000 bushels, and a few others will be erected later on in the season. When those mentioned are completed the Northern Elevator Co. will have 102 elevators in the province and Territories. Besides the five to be built for the Lake of the Woods Co., E. J. O'Reilly has about completed an elevator for the Richardson Grain Co., of Kingston, at Sydney, to replace the one destroyed last winter. The Manitoba Grain Co. will also erect a number, and it is understood the Dominion Elevator Co. will add to their storage capacity. Bready, Love & Tyron will spend about \$50,000 in erecting elevators at thirteen or fourteen provincial and Territorial points.

The Dodge Manufacturing Co., Toronto, Ltd., has been incorporated and will carry on the business hitherto conducted by the Dodge Wood Split Pulley Co., with works at Toronto Junction, and warerooms and city offices at 74 York street. The Dodge Manufacturing Co. will continue to manufacture the Dodge Wood Split Pulley. It will also do a general foundry, engineering and machine shop business, making a specialty of power transmission machinery, such as shafting and pulley equipment, jack shafts, floor stands and friction clutch pulleys. The firm will also make a specialty of grain elevator machinery and rope driving. The Dodge Co. has every facility for turning out high class work quickly, and are prepared to make plans and submit estimates and give information on all kinds of special machinery. The company issues a 270 page catalogue which will be mailed free on application.

Freeman C. Coffin, engineer to the city council of Charlottetown, P. E. I., prepared the plans adopted by the Sewer and Water Commissioners for a complete sewage system for the city. The system decided upon is the common separate water carriage system with intermittent discharge into the sea by means of a reservoir, cast iron pipe and the channel of the Hillsborough. There will be a pumping station at a low point both on the east and west sides of the central high gravity area, which location of pumps will altogether obviate the use of siphons and at the same time carry away the sewerage from the lowest levels to the eastern and western portions of the city. From each of the pumping stations already mentioned, and the tank connected therewith, the sewerage will be pumped through a cast iron pipe to an elevation of about 20 feet on the high gravity area, where it will enter an earthenware pipe of a large size to enable it to flow freely with the other sewerage passing at the same level into the outlet reservoir. It is proposed to erect an outlet reservoir at or near the head of Pownall wharf, 40 feet by 90 feet inside measurement. This reservoir will be covered with an arch roof of concrete, to effectually guard against the escape of any foul odors. From this reservoir, running between Pownall and Connolly's wharves, there will be a 20 inch cast iron outlet pipe of the approximate length of 700 feet, or until it reaches well out into the channel of the Hillsborough.