

Equipment and Engineering

Original Descriptions of Municipal and Telephone Machinery and Appliances. Engineers' Notes.

— All New and Interesting —

Sewerage at Vernon, B. C.

The Town of Vernon, B. C., has retained Messrs. Galt & Smith, C. E., Toronto, to design and construct a complete sewer and sewage disposal system. The sewer system will extend over all the settled portions of the Town, and will be constructed of various sizes of vitrified piping. The plant for the treating and disposal of the sewage will consist of a septic tank, the effluent of which will be treated upon two sets of filter beds. Sludge beds, with apparatus for operating the same will also be provided. It is expected that a high purification will be secured.

The British Insulated and Helsby Cables, Lt., reports that they have received an order from the Montreal Light, Heat and Power, to install over 7 miles of three-conductor paper insulated extra high tension cable, the order calling for complete installation and guarantee. They have also received further orders from the British Columbia Telephone Company, for a large quantity of paper Insulated Air Space Telephone Cables, which follows the very large order reported last fall, for delivery this year.

Mr. Walter S. Bissell, who has been for a number of years travelling salesman for the F. Bissell Company, of Toledo, Ohio, has been promoted to the position of Treasurer of the Company. As he has had the opportunity, while on the road, of securing a thorough knowledge of the electrical trade, and an intimate and extended acquaintance with its needs, his new position will enable him to be of great service to the company and its customers.

The Saraguay Electric & Water Co., of which Mr. Charles Brandies, C. E., Montreal, is Consulting Engineer, is asking for tenders for about 17 miles of transmission lines, from the Power House to Pointe aux Trembles, Que.

The Raymond Concrete Pile Company are about starting the installation of concrete piles for the Old Man River Viaduct near MacLeod, Alta. This Company have also completed the piling for the new Legislative Building at Regina. This building required in the neighborhood of three thousand of their piles.



Kindling Street Washing Machine

The above cut explains the somewhat peculiar heading of this paragraph. The apparatus shown is not a street sprinkler, or even a flusher, but really a "washing machine". It combines the work of the sprinkling wagon and power scraper, and the hand scraper also. But its advantages are not confined to a combination of processes, but do the work in a far better way; there is no dust raised, and no slimy pavement. The sprinkled water is immediately scrubbed away, along with

the dust, by the revolving squeegee, and the street is left perfectly clean, and all is done by one horse and one man. A single machine will clean from 30,000 to 40,000 square yards of pavement in a day, so that its operation is very economical. It has been in use in Germany for some years, and is being rapidly adopted by the live cities in the States. Further particulars can be obtained from the Canadian Sales Agents, Messrs. Mussens, Limited, Montreal.