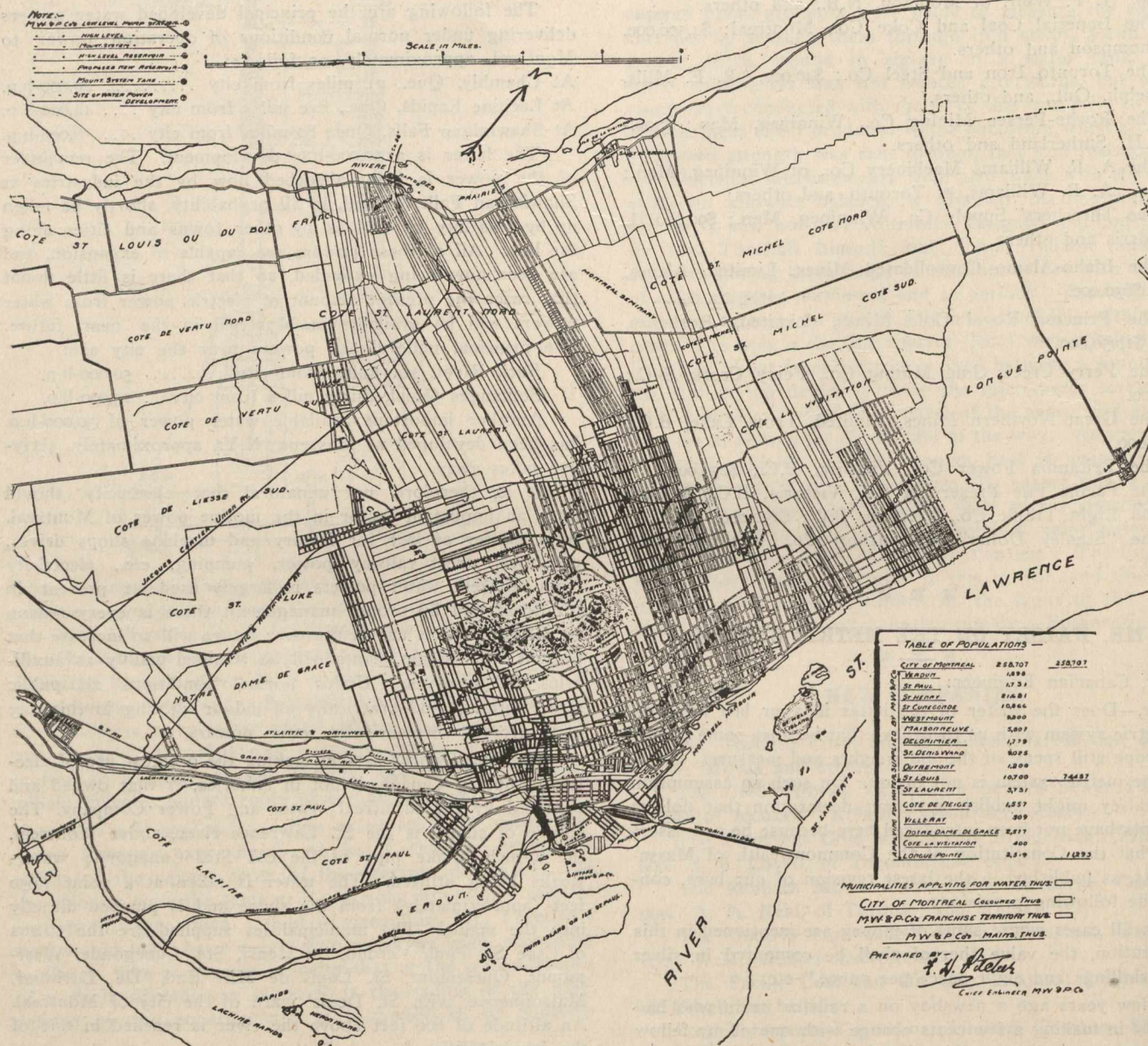


were two direct duplex steam pumps; one of 2,000,000 and one of 1,000,000 Imperial gallons daily capacity. The larger pumps were added to each station as the consumption in the front grew and before the back territory was connected to this source.

(To be continued.)

The London Daily Mail has conducted experiments with a recording telephone, or electrograph, the invention of E. G. Craven, an English engineer, once an assistant of Edison. It is a combined telephone and phonograph. Messages spoken into the transmitter in London were received by the phonograph at Wickenham, twelve miles distant, without audible sound, on a vibrating diaphragm. When the phonograph was disconnected from the telephone and reversed,



City of Montreal—Pumping by Electricity.

the messages were reproduced audibly and distinctly. The inventor claims that his invention will be the greatest convenience to business since the telephone, as it makes a permanent record of conversation.

The Toronto Railway state that their new storage battery plant will be in use in three months. It will supply power to run the additional service, morning and evening, necessary to convey the people to and from business. The power will be stored during the day when traffic is light. The plant will have a capacity of 3,500 to 4,000 horse-power. At present 8,000 horse-power per hour is required to operate the service.