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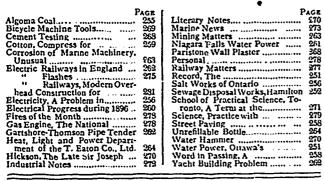
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To whom it may concern :

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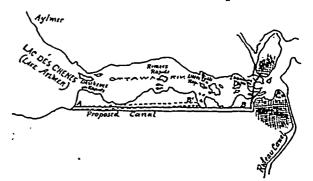
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For The Canadian Engineer. OTTAWA'S WATER-POWER.

BY. G. H. FAWCETT, OTTAWA.

The city of Ottawa, for beauty of situation, natural advantages and picturesqueness, has no competitor in Canada. Situated at the confluence of the Ottawa and Rideau Rivers, where two falls meet, divided into two parts by the Rideau Canal, separated from the city of Hull by the "Grand River" of the lumbermen, backed by a magnificent agricultural country, overshadowed by the Laurentians, with their inexhaustible deposits of iron, plumbago; manganese, mica, phosphates, wood, etc., open to the world by five railways (being on the direct line from Halifax to Vancouver), and connected with the great sea-port, Montreal, and also with the United States by water, it presents to the eye of the lover of the beautiful an enchanting vision and to the eye of the business man a field for ingenuity and investment equal to the best. "Where two falls meet," thirty years ago a little milling village called Bytown was planted, and to-day it is a city of 45,000, all because of these falls and the boundless supply of all kinds of wood to be found in the flora of a northern country.

The falls at the Rideau are now of little importance, the great supply of water from the extensive Rideau lakes being carried into the canal of the same name, but the falls of the Ottawa retain all their pristine glory, except so far as they have been made to do "servile" work. The sites available for building so as to utilize the unlimited power found rolling over a ledge of rock three hundred feet wide into the kettle twenty-five feet below, were taken up years ago by the lumbermen, who are annually transforming three millions of logs into between six and seven hundred millions of merchantable lumber, giving employment, in the process, to fully ten thousand men and forty million dollars capital. To overcome this lack of room and still retain the water-power, I propose a canal from A to B (see map), the feasibility of which project is so evident, the only question capitalists need ask is, Will there be sufficient demand for the power thus ob-



tained to repay the investment? Situated as we are in a wooded country, this ought to be the centre of all wooden-ware manufactures. Situated as we are in a cold country, it ought to be the centre of the woolen factories. Situated as we are with iron mines bearing go per cent. of pure iron, and magnificent forests to supply the material for charcoal, it ought to be the centre