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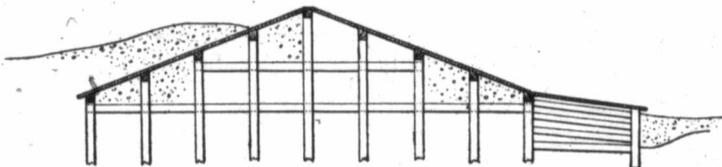
DESCRIPTION OF A DAM AND ACCOMPANYING WORKS
BUILT FOR THE WATER COMMISSIONERS,
LONDON, ONT., AT SPRINGBANK.

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To be read April 24th, 1902.

The following description and accompanying drawings show the nature of the works built for the Water Commissioners, London, Ont., under the superintendence of John M. Moore, Esq., Engineer of the Commission. These consist of a concrete dam, retaining walls, etc., which are part of the power plant of the London Water-works located at Springbank, about five miles below the city on the Thames River. Mr. John Kennedy, Engineer of the Montreal Harbour Commission, was the consulting engineer on this work.

The dam, which the new structure replaces, was a timber one, a sketch of the section of which is shown. On the general plan, also, is shown in broken lines a plan of the dam after failure. It was built when the Water-works were constructed in 1878, and was a crib work and pile structure which needed constant care and repair to keep safe and water-tight.



In summer a height of four feet above the crest was obtained by flash boards, which are also used on the new dam.

The Thames River, at the City of London, is formed by the junction of two branches, and, about a mile below the city, there