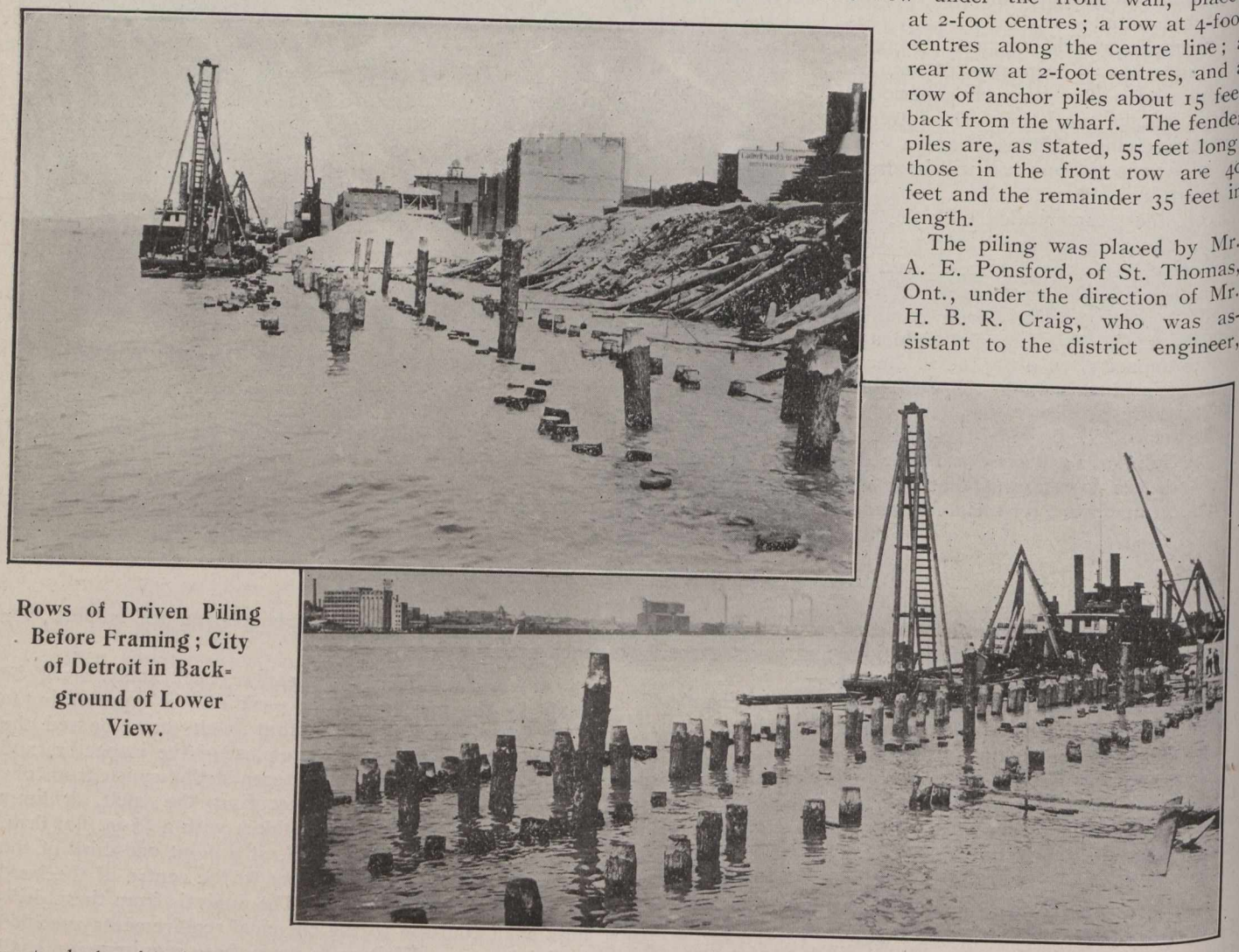
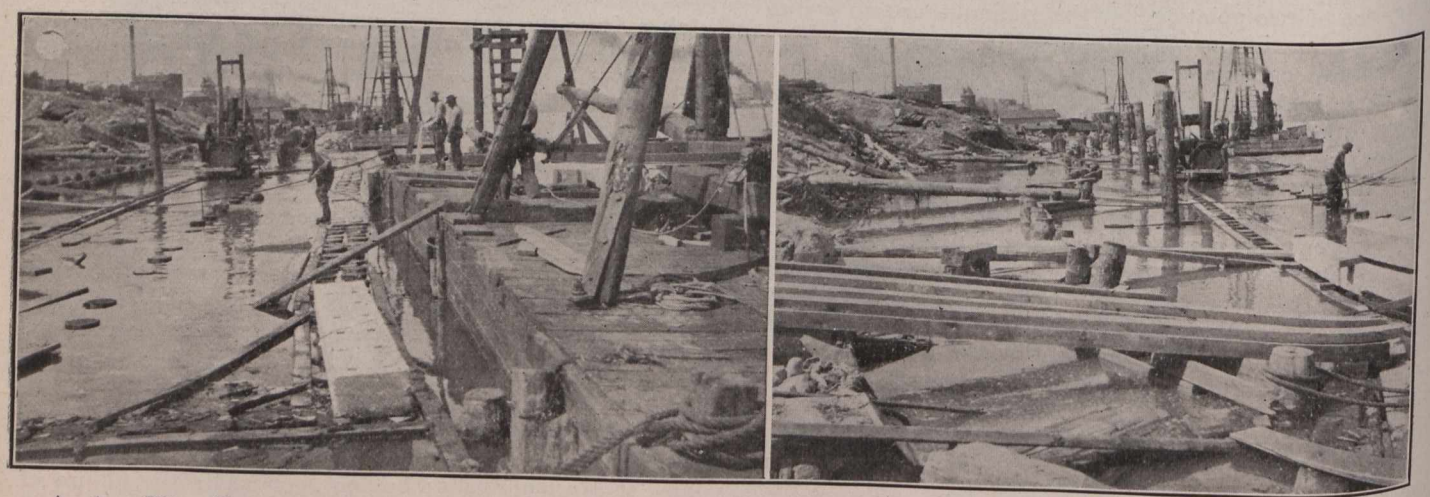
PILE FOUNDATIONS OF WINDSOR WHARF.

IN *The Canadian Engineer* for July 8th, 1915, a description was given of a new landing wharf constructed at Windsor, Ont., for the Department of Public Works of Canada. The article, written by Mr. H. B. R. Craig, district engineer for the Department, dealt with its general design and also with the design of the warehouse which it supports. The accompanying illustrations, for which we are again indebted to the writer of the article, relate to the pile foundations upon which the reinforced concrete superstructure is built. These piles are of white oak, braced longitudinally and vertically by oak waling. There are five rows of piling, not including the sets of six 55-foot fender piles protecting the wharf. As may be noted, there is a double row under the front wall, placed at 2-foot centres; a row at 4-foot centres along the centre line; a rear row at 2-foot centres, and a row of anchor piles about 15 feet back from the wharf. The fender piles are, as stated, 55 feet long, those in the front row are 40 feet and the remainder 35 feet in length.

The piling was placed by Mr. A. E. Ponsford, of St. Thomas, Ont., under the direction of Mr. H. B. R. Craig, who was assistant to the district engineer, Lieut.-Col. H. J. Lamb, at the time, and who is now district engineer at Fort William for the Public Works Department.



Rows of Driven Piling Before Framing; City of Detroit in Background of Lower View.



Anchor Piles Sheeted and Rotary Saw at Work on Rear Row of Bearing Piles.

Bearing Piles Framed With Waling and at Required Elevation.