

Shoreline Change Maps

Watch Hill to Point Judith and Pt. Judith to Little Compton

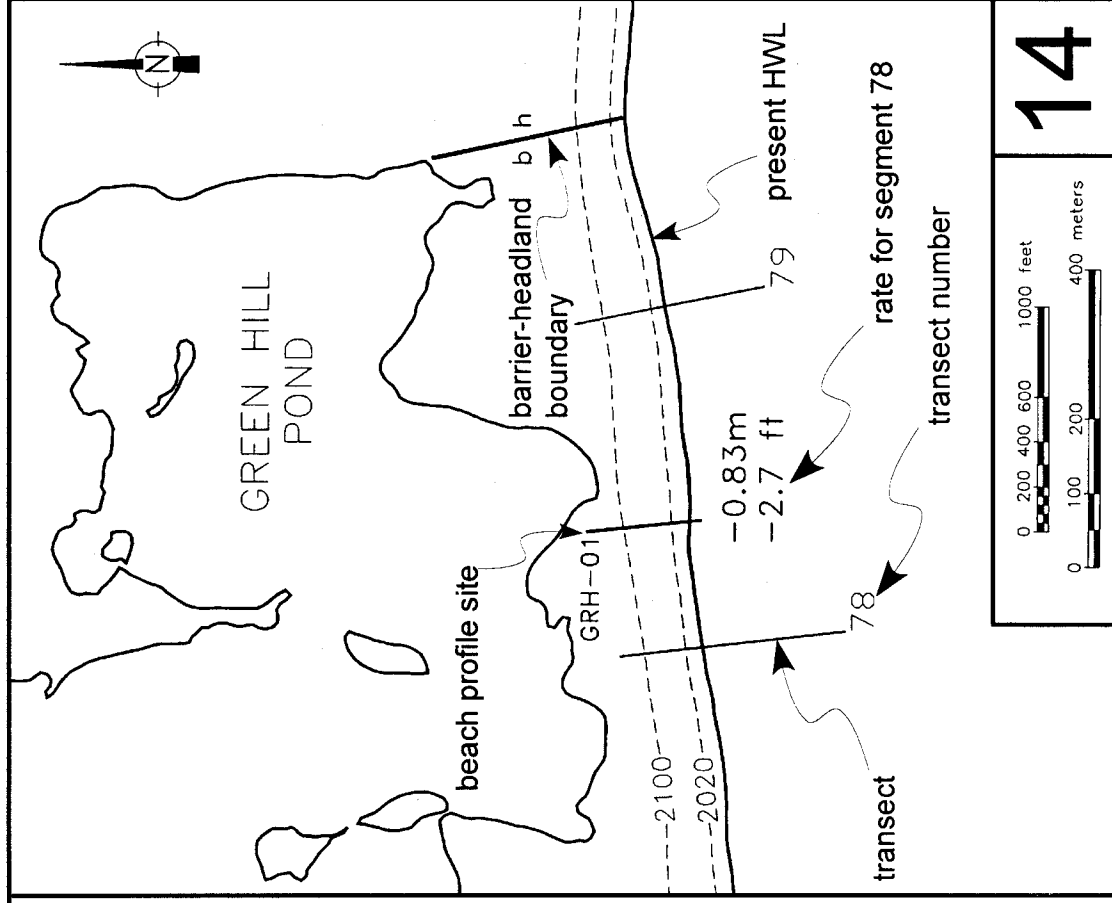
The Coastal Resources Management Council has developed shoreline change maps that are additional to those already incorporated into the RI Coastal Resources Management Program (RICRMP or Red Book)(ie: those for the south coast between Watch Hill and Pt. Judith) that will comprise the state's shoreline from Pt. Judith into and inclusive of Narragansett Bay and its islands to the eastern shoreline of Little Compton.

The purpose of these maps is to show shoreline rates of change that will be applied to pertinent sections of the Council's regulatory programs to address issues including setbacks of activities from coastal features. These shoreline change maps detail erosion rates for the shoreline, and are further detailed into shoreline segments for each map. In total there are 150 such maps, which are herein incorporated as regulations of the RICRMP. A map for Block Island is not included however and setbacks and erosion rates for Block Island shall be assessed on a case-by-case basis.

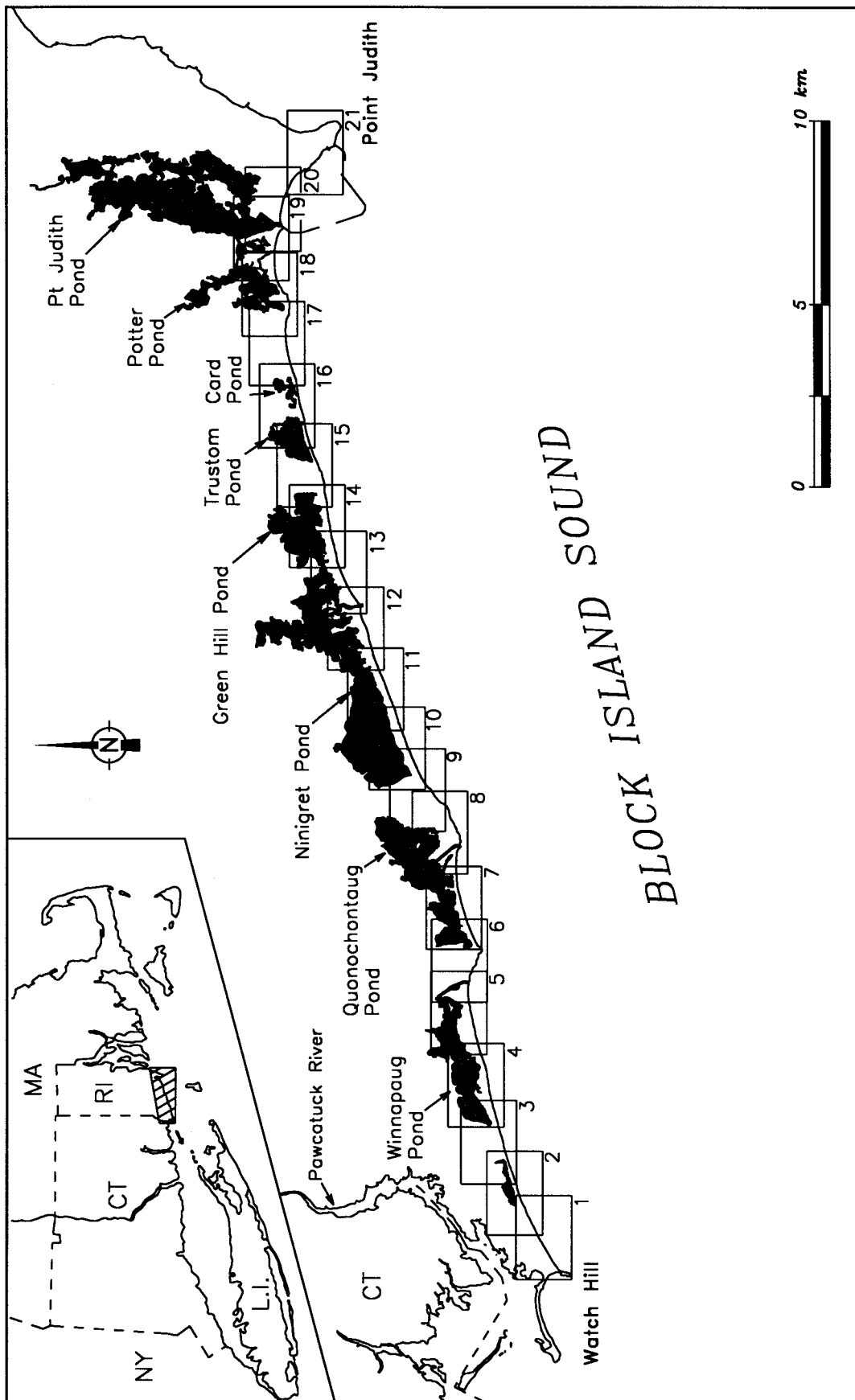
The shoreline change maps can be examined at the Council's office in Wakefield, at the secretary of state's office, and on-line at the Council's website: www.crmc.ri.gov

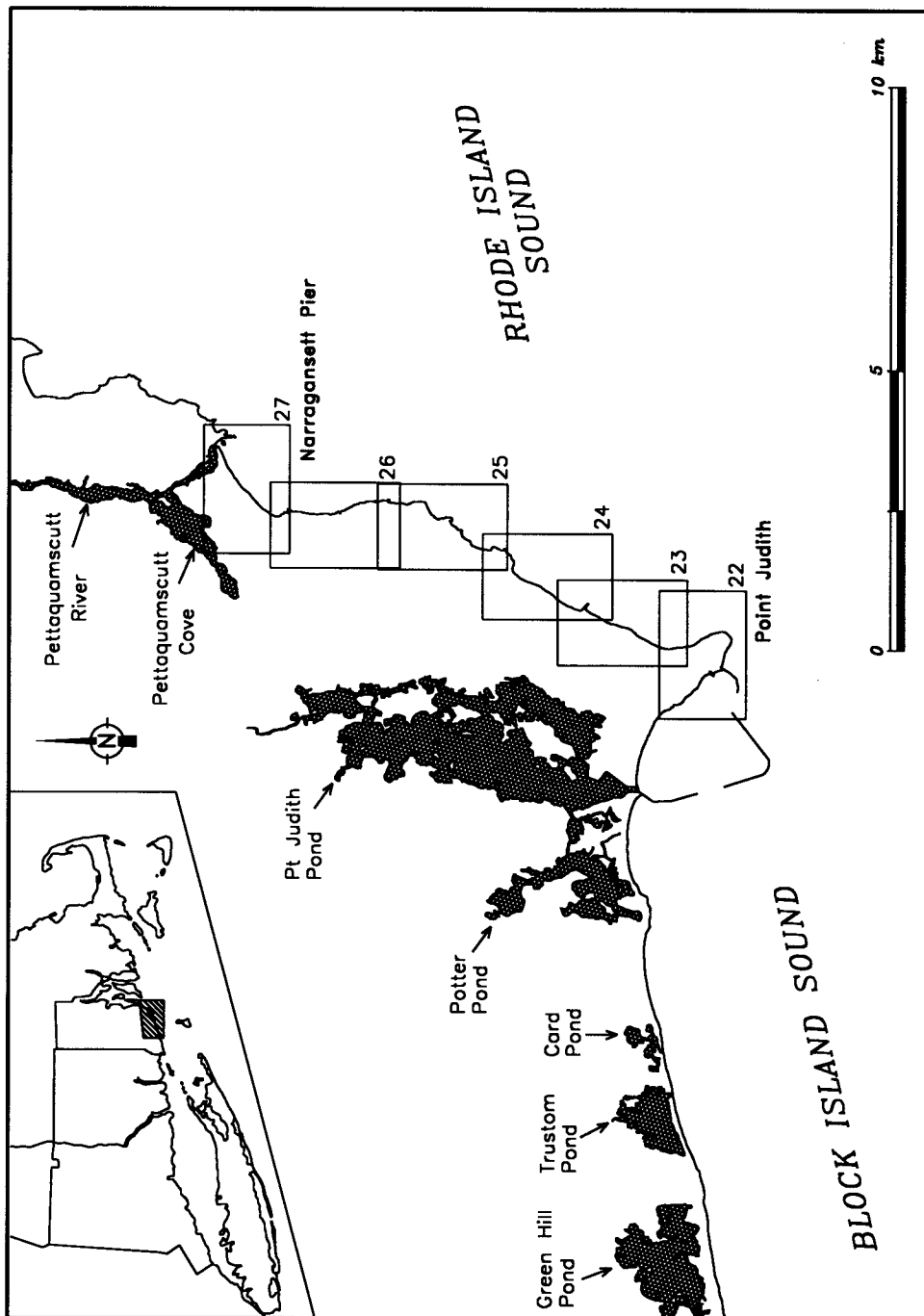
SHORELINE CHANGE MAPS

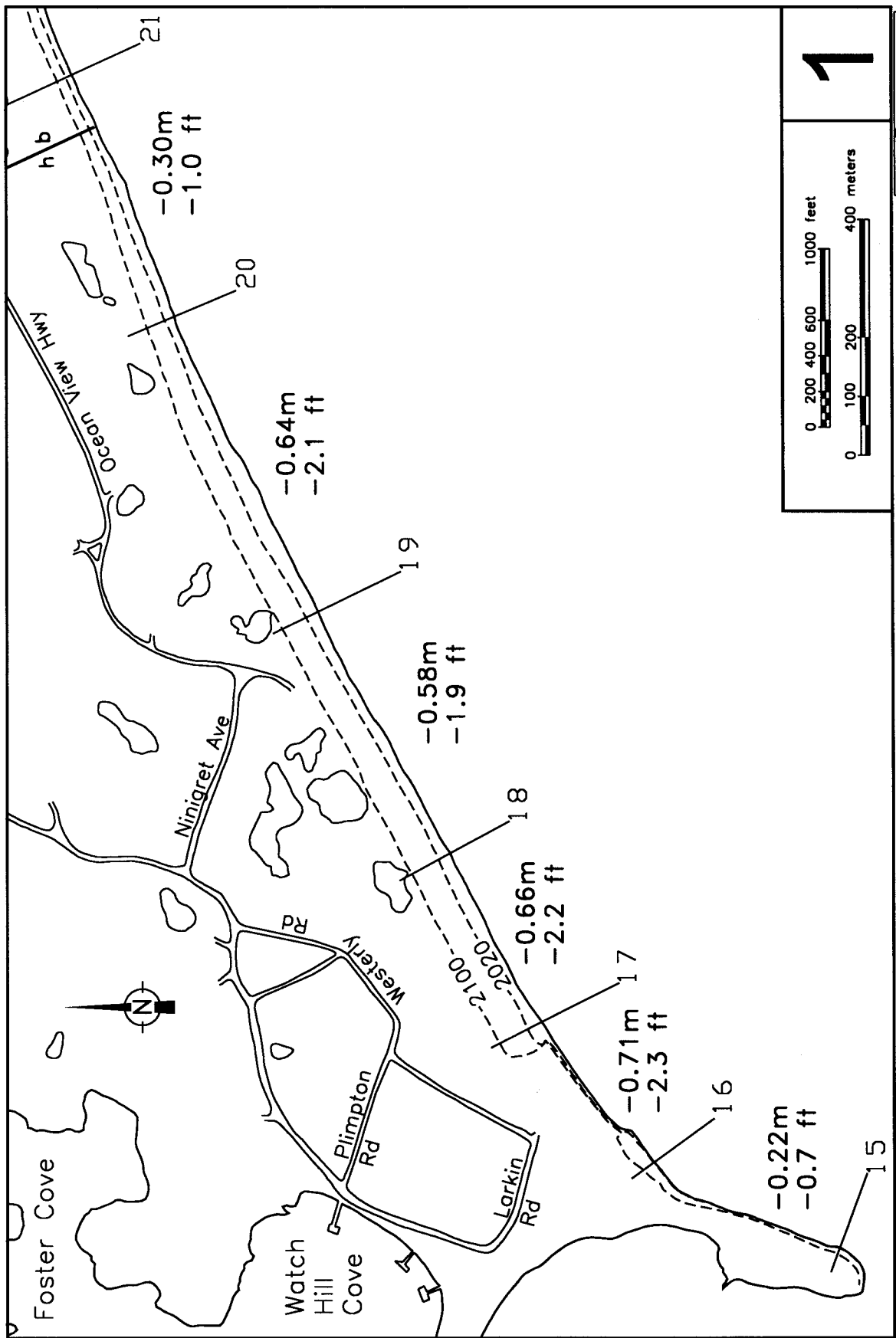
The following 27 maps show the annual rate of change in the position of the high water line (HWL) as measured from vertical aerial photographs dating back to 1939. Negative values indicate landward movement of the HWL, and positive values denote seaward displacement. Also shown are the transect lines defining the shoreline segments for which measurements were made, the locations of the long-term beach profiles, the projected HWL positions for the years 2020 and 2100, and the boundaries between barriers and headlands. Shoreline change rates for segments 15-104 are from Boothroyd and others (1988), rates for segments 105-113 are from Regan (1976), and rates for segments 1B-41B are from Harwood (1993). The maps are plotted at a scale of 1:10,000 (1cm = 100m).



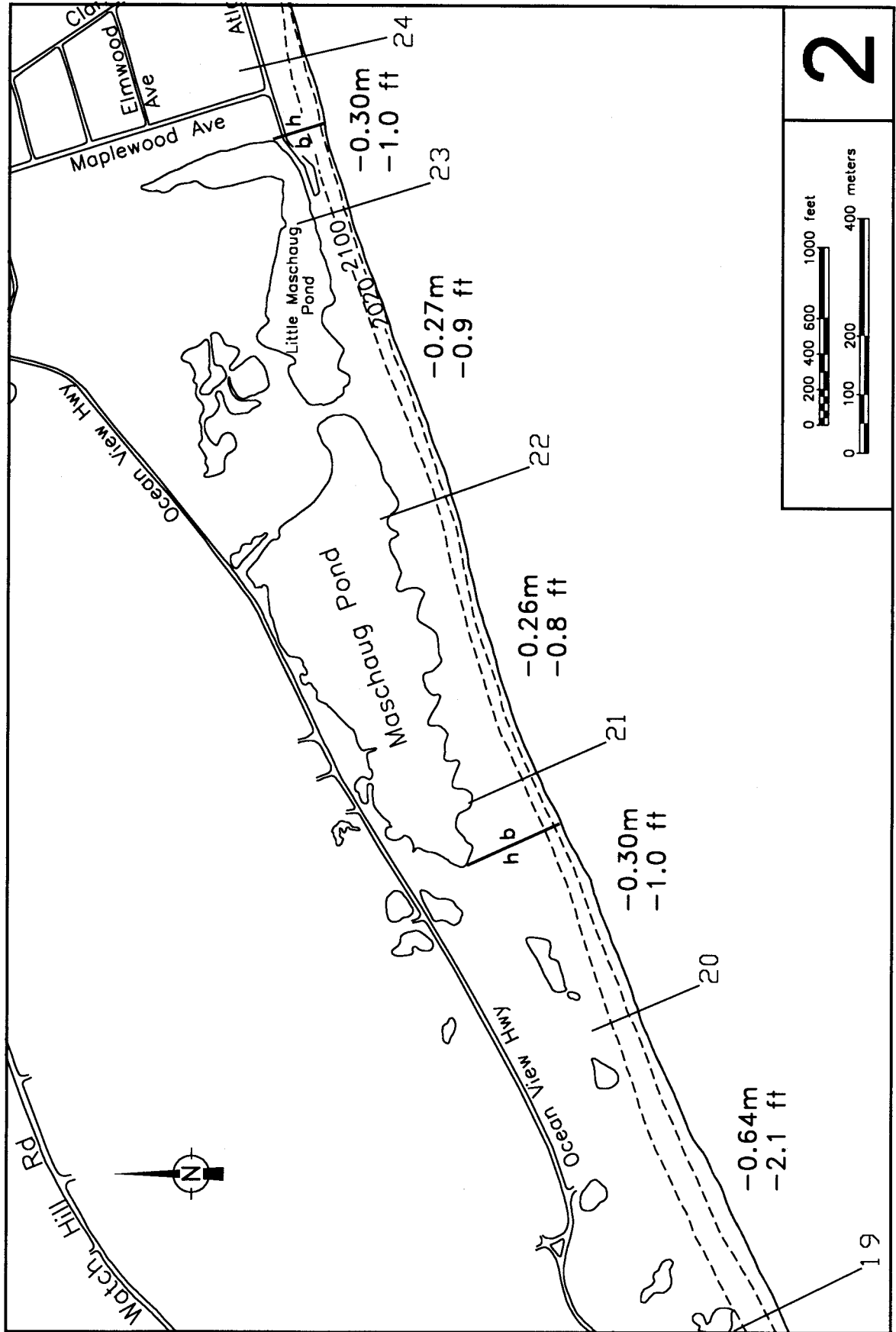
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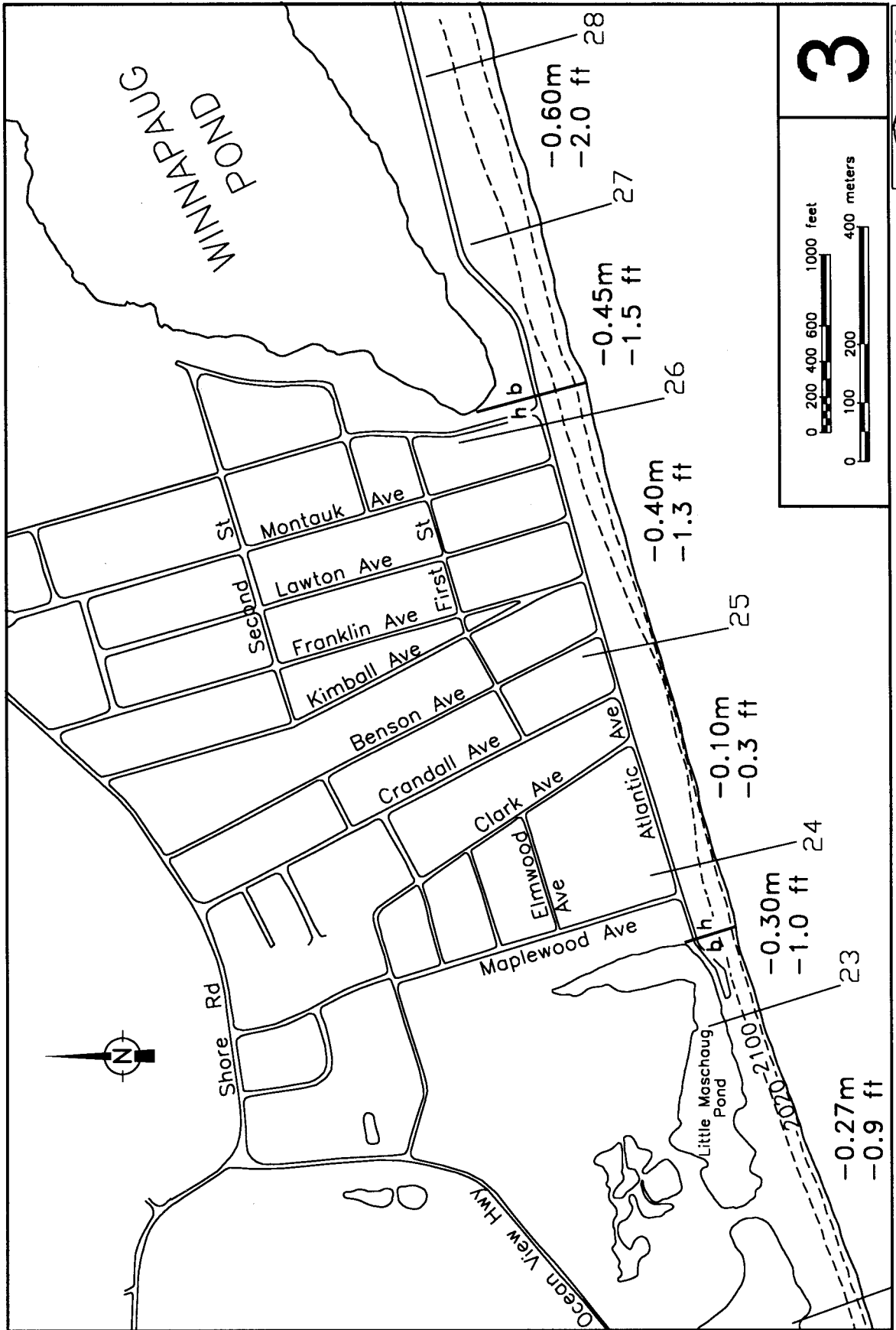


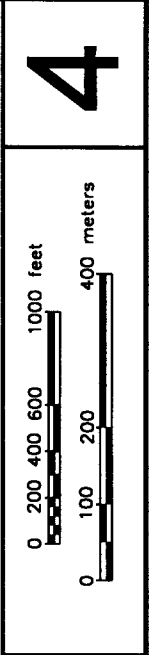
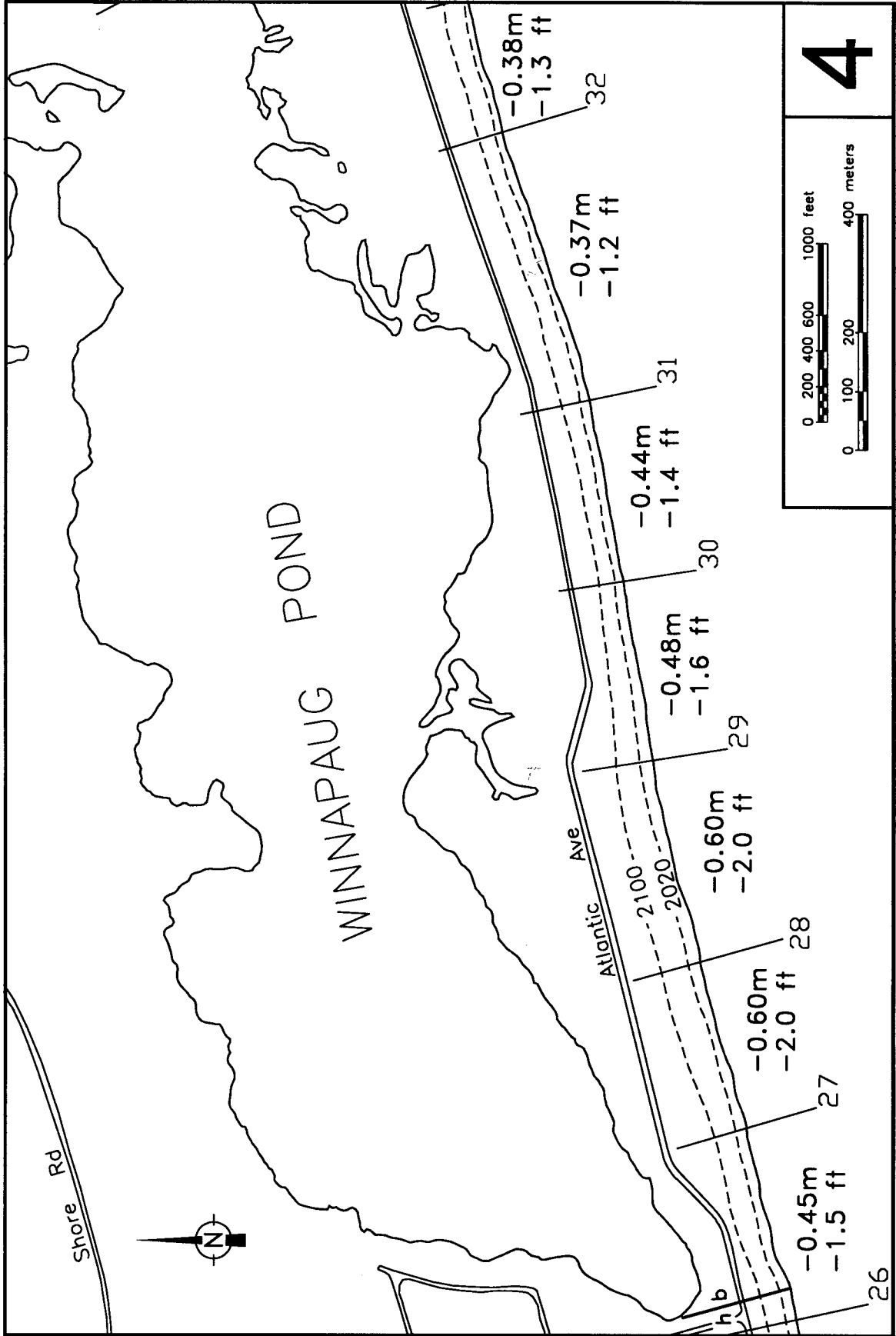


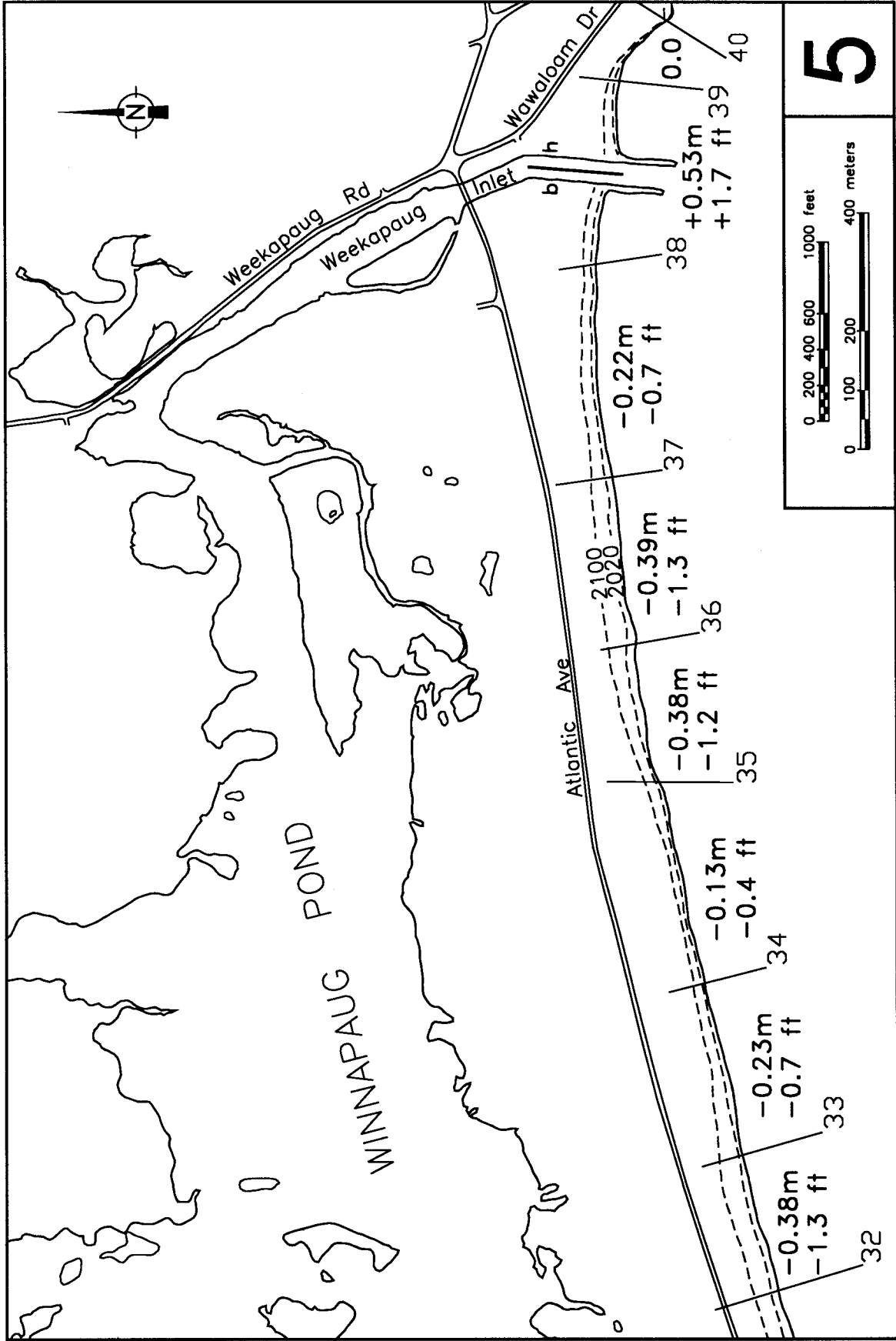


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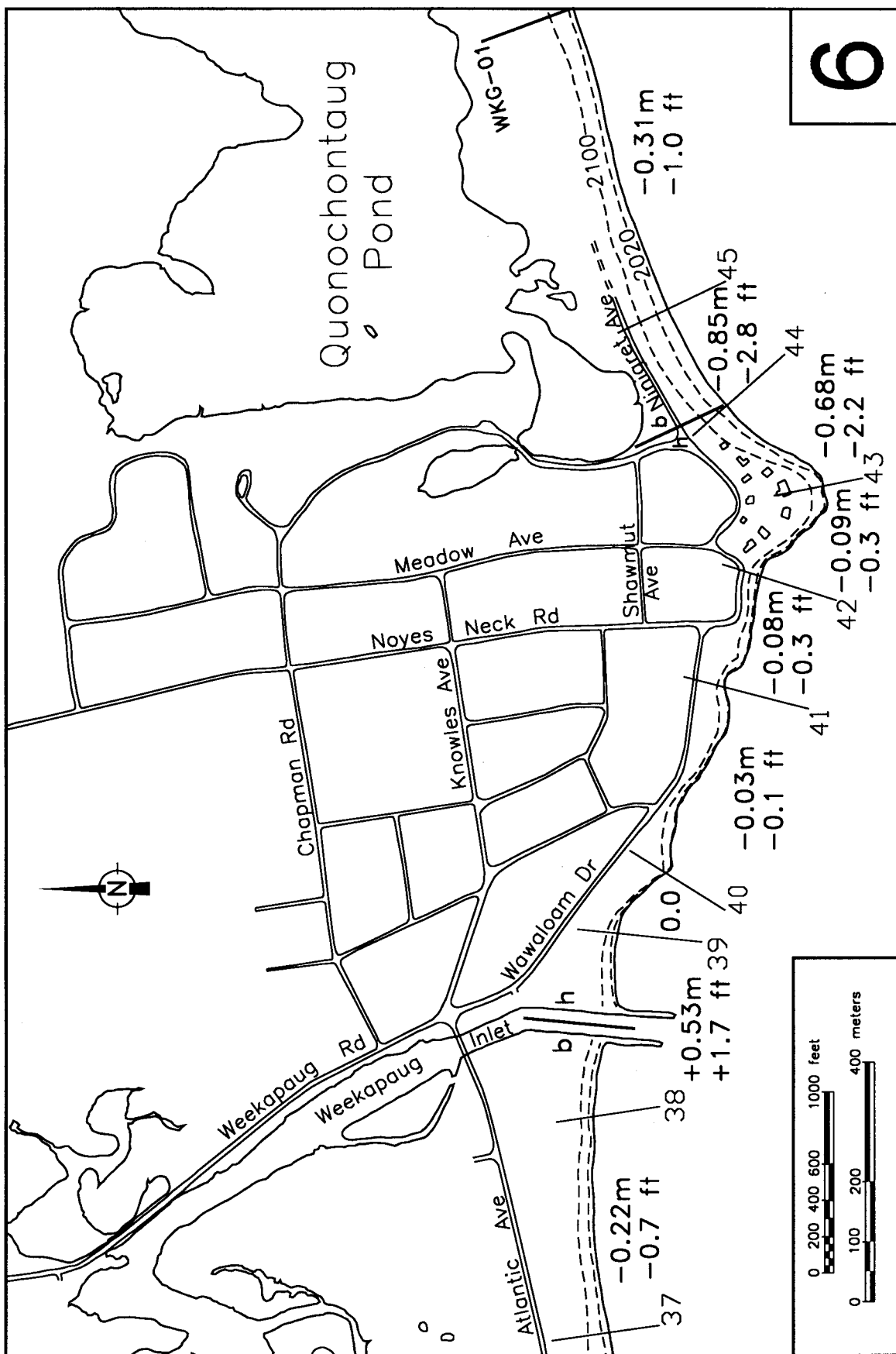




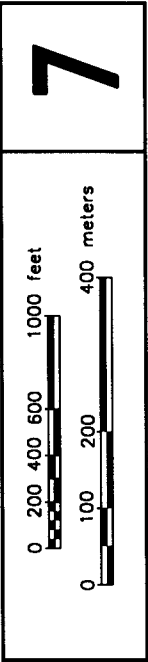
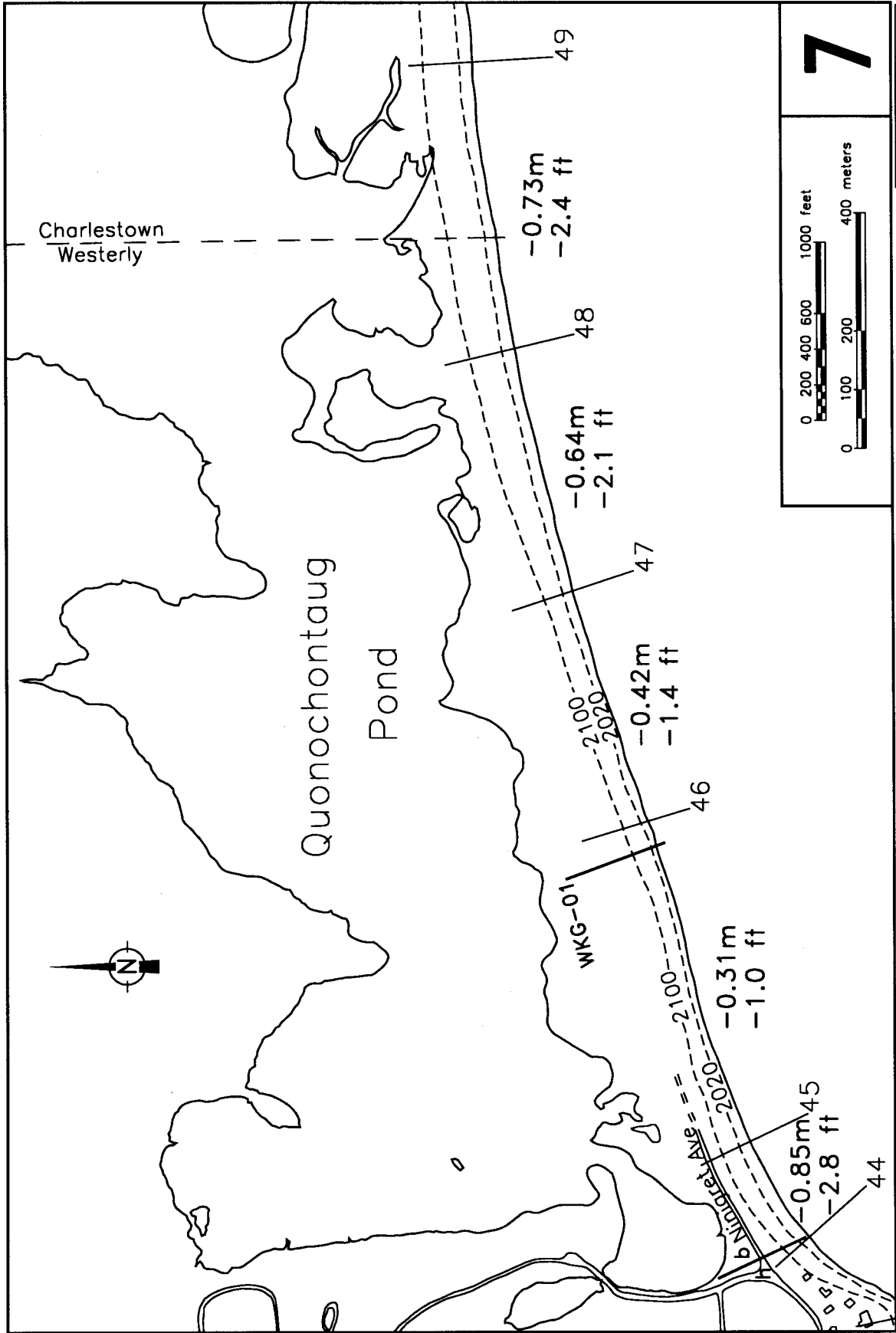




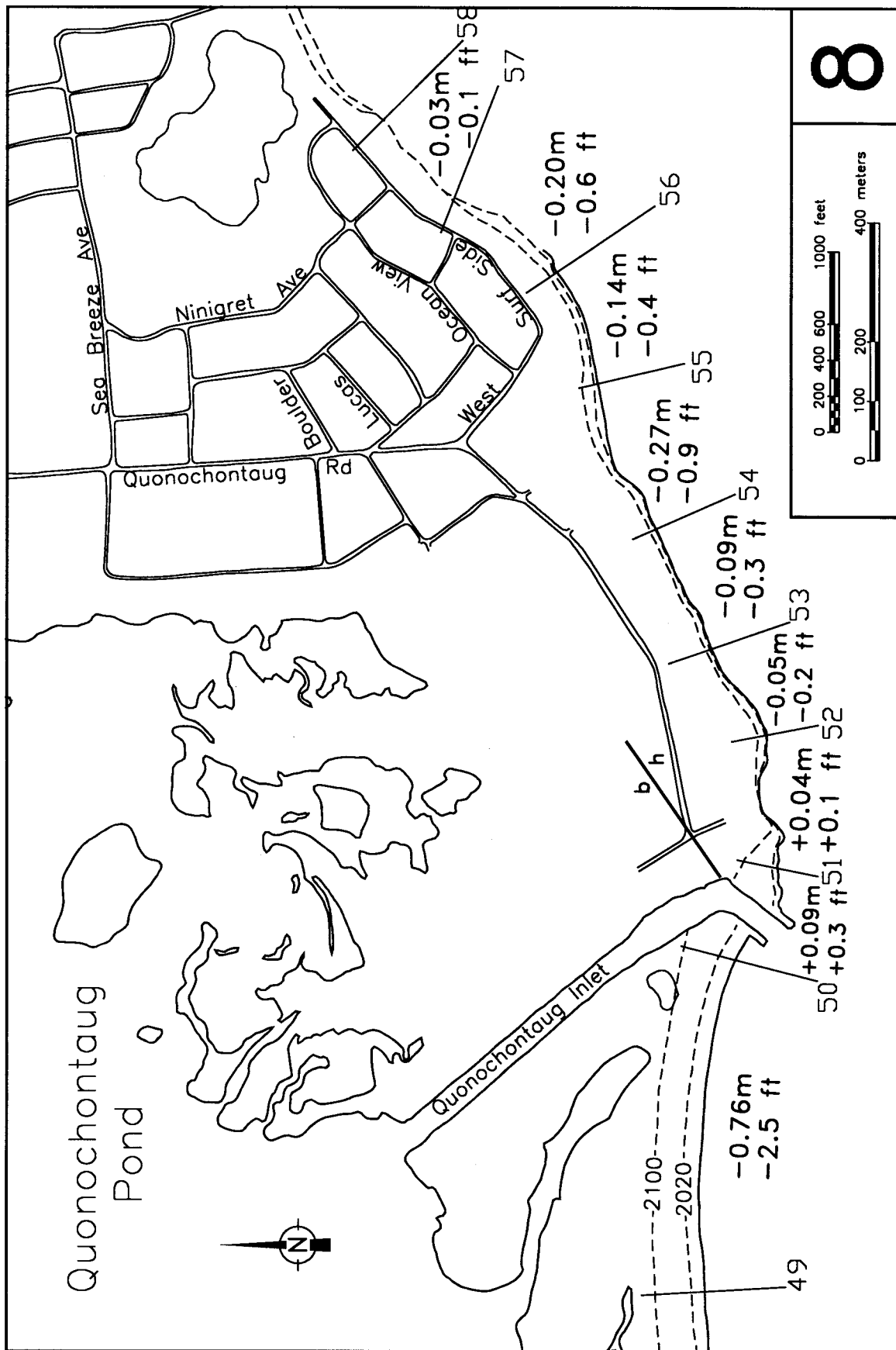
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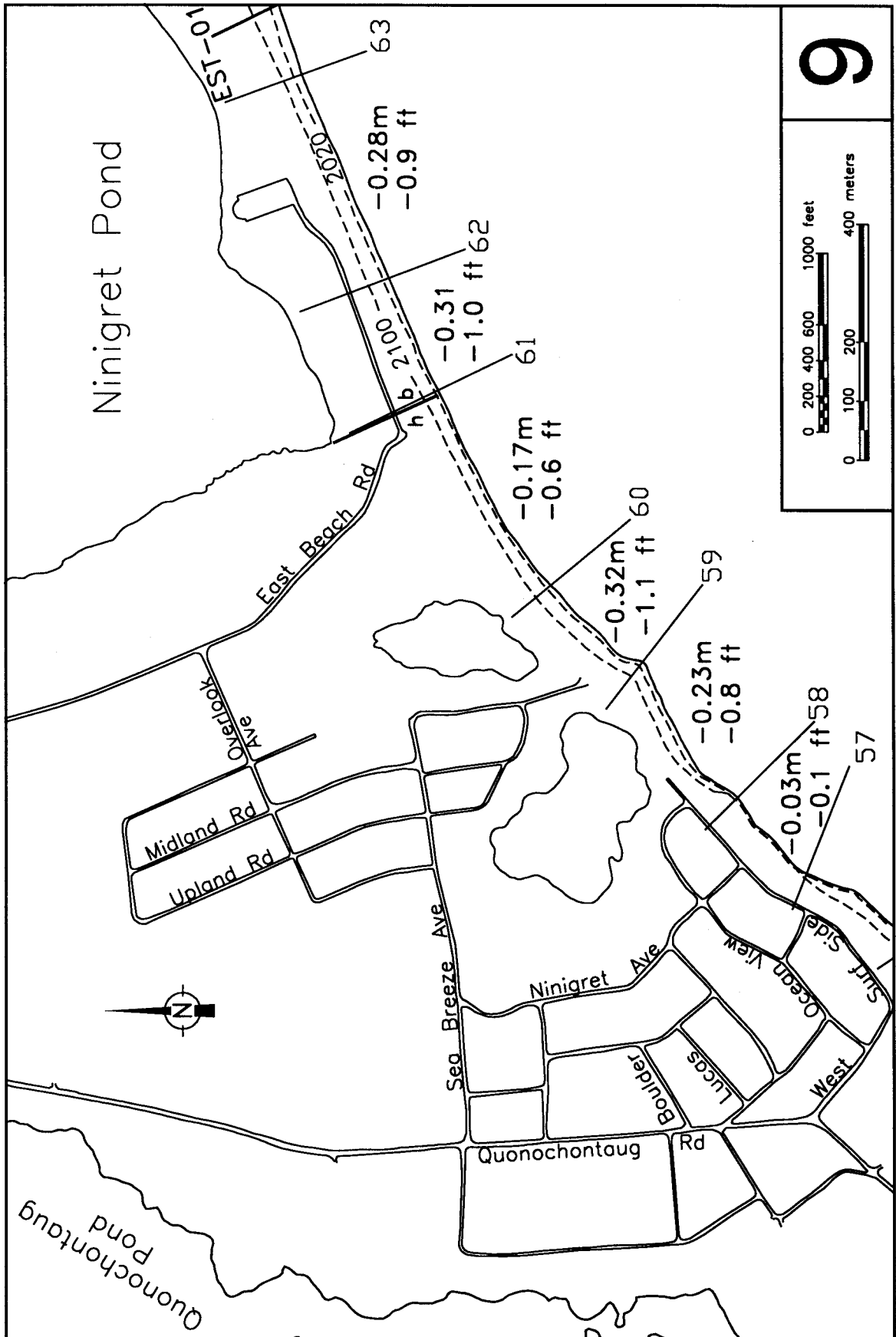
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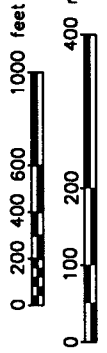
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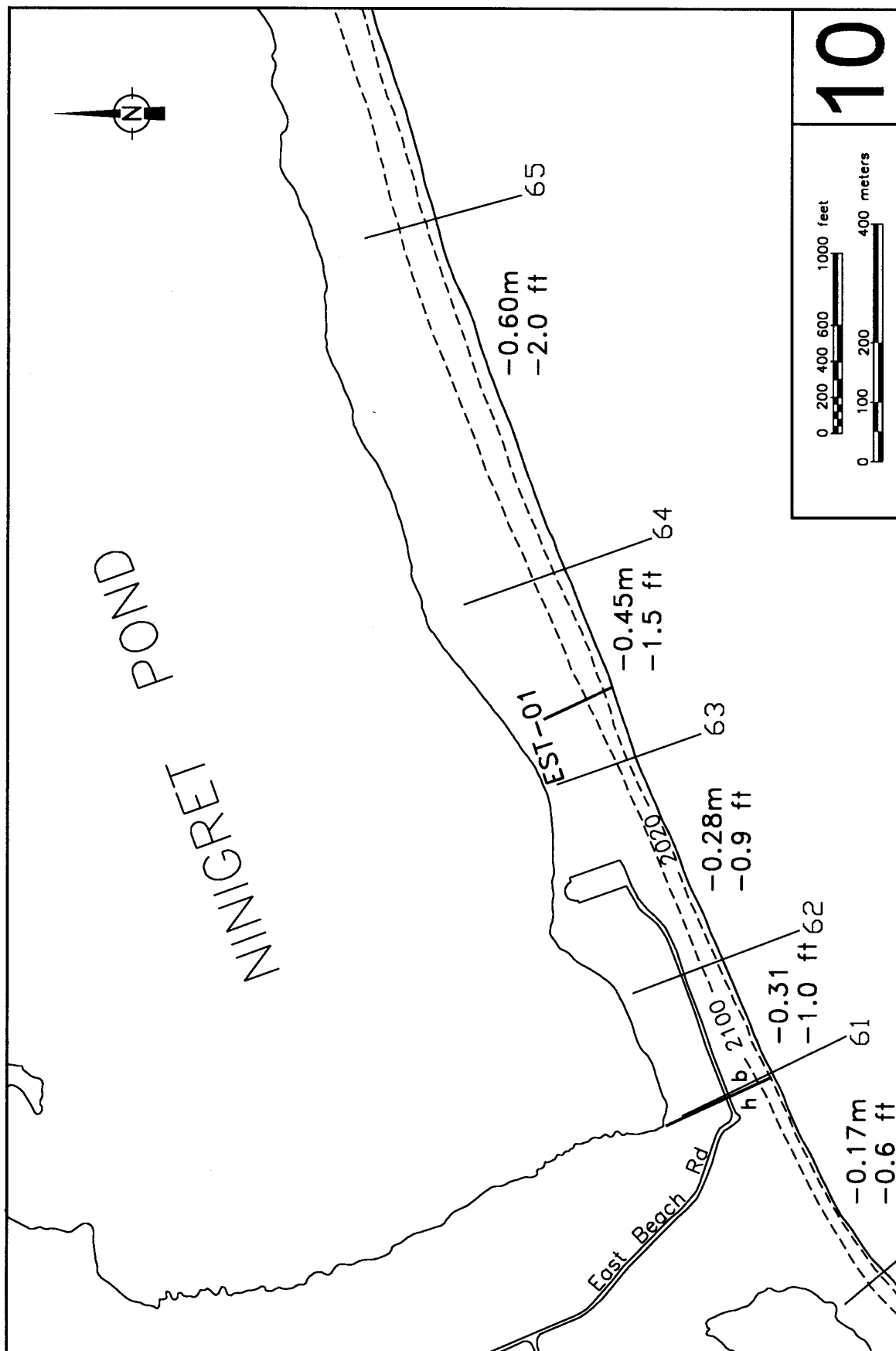


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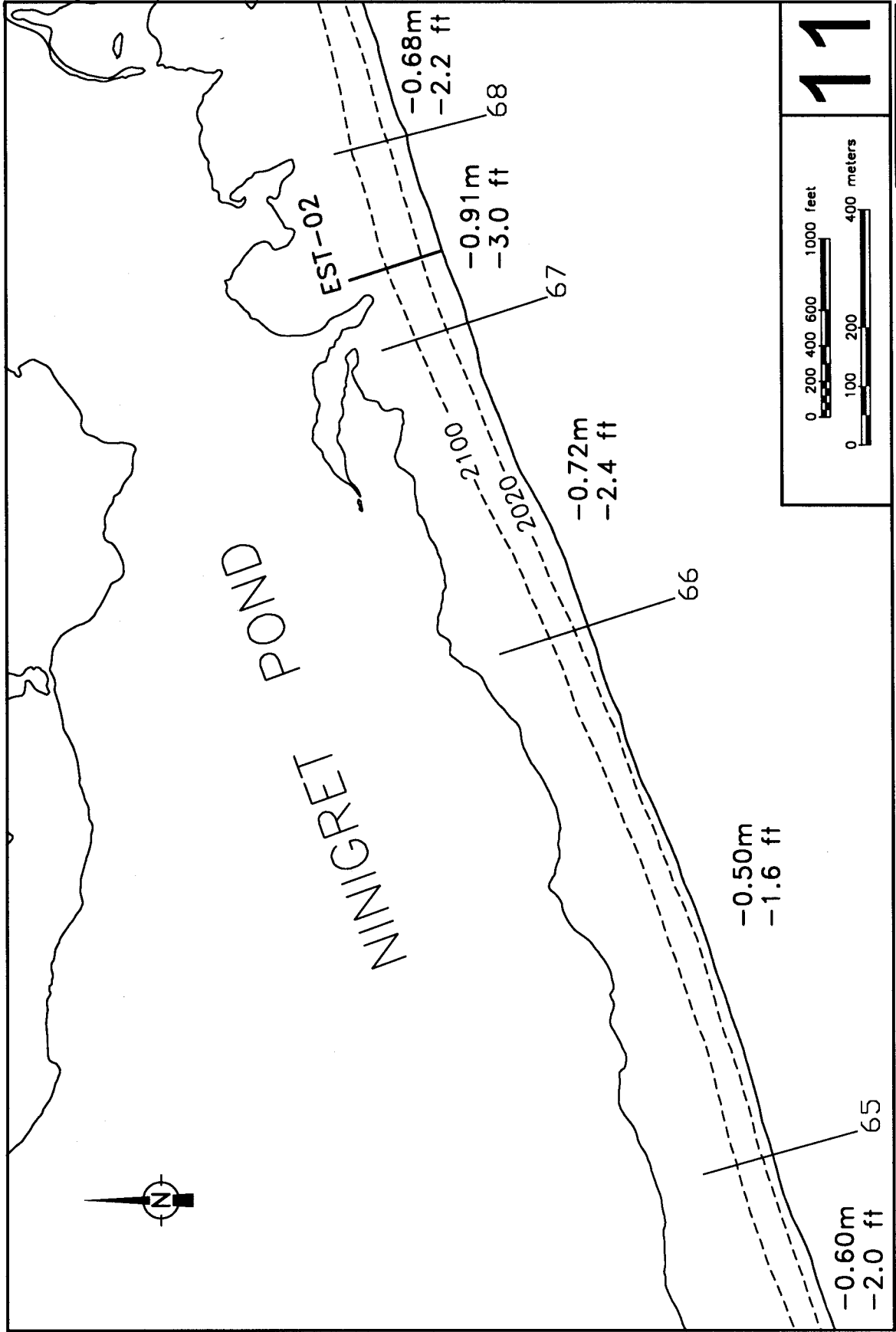
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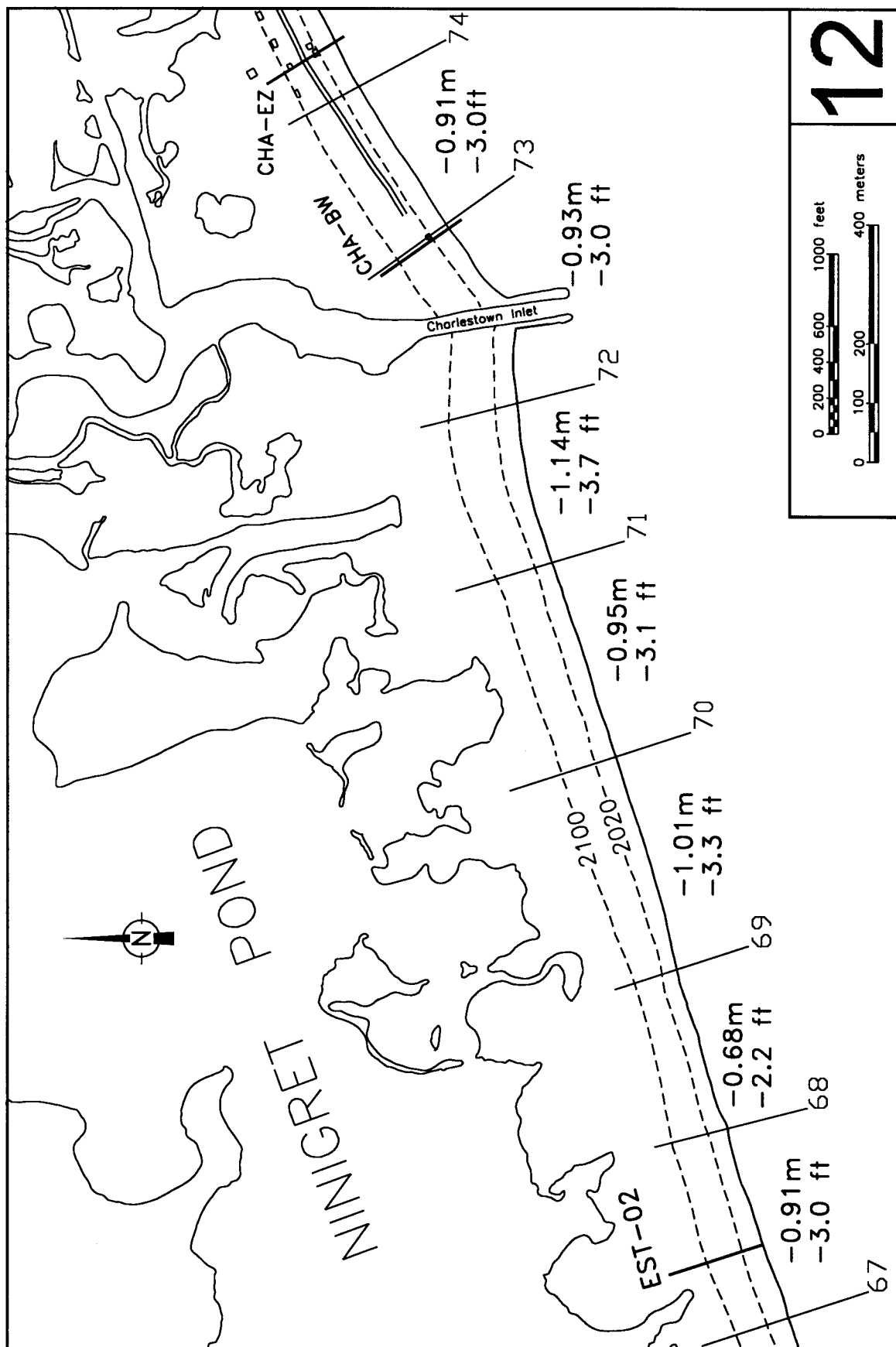


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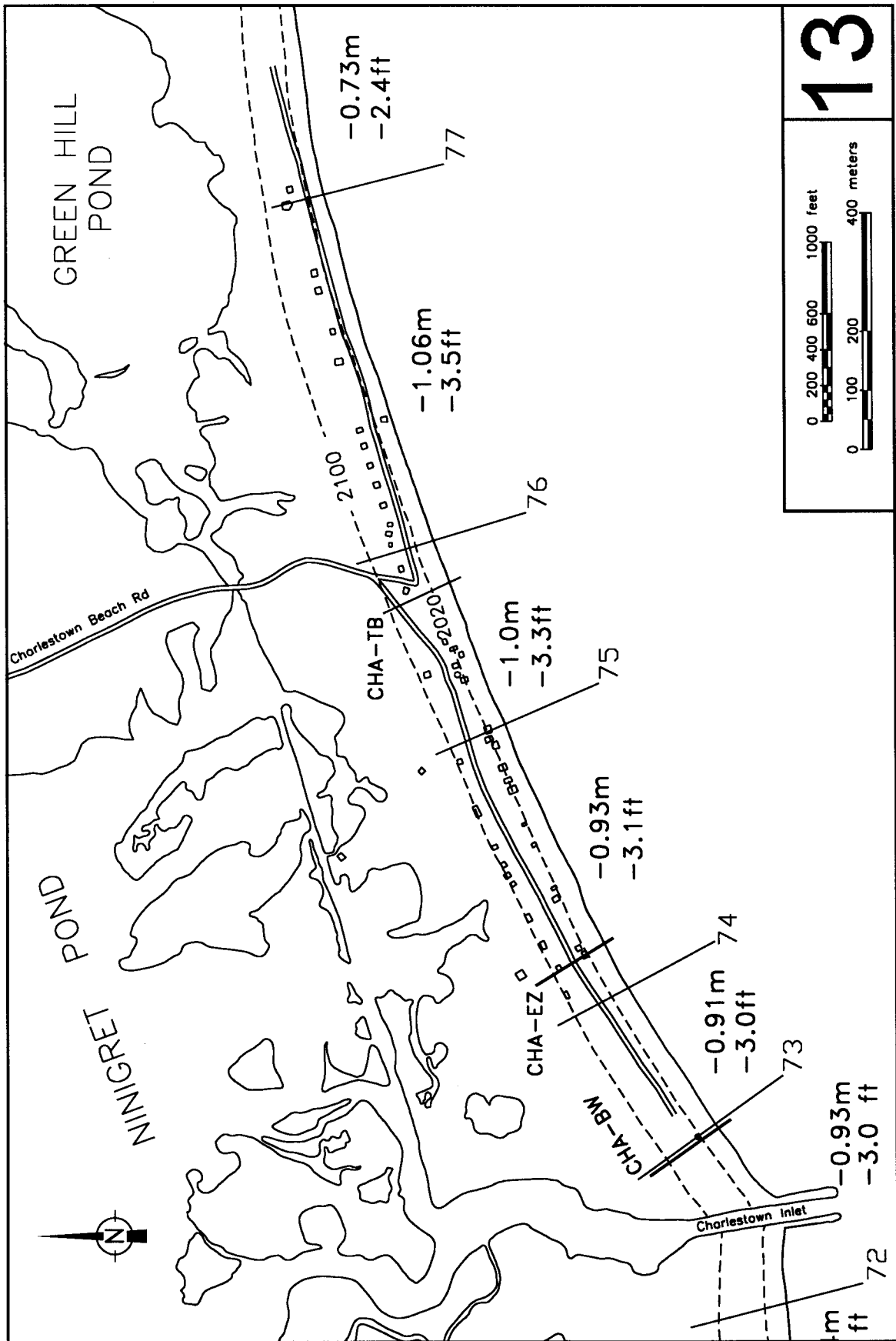


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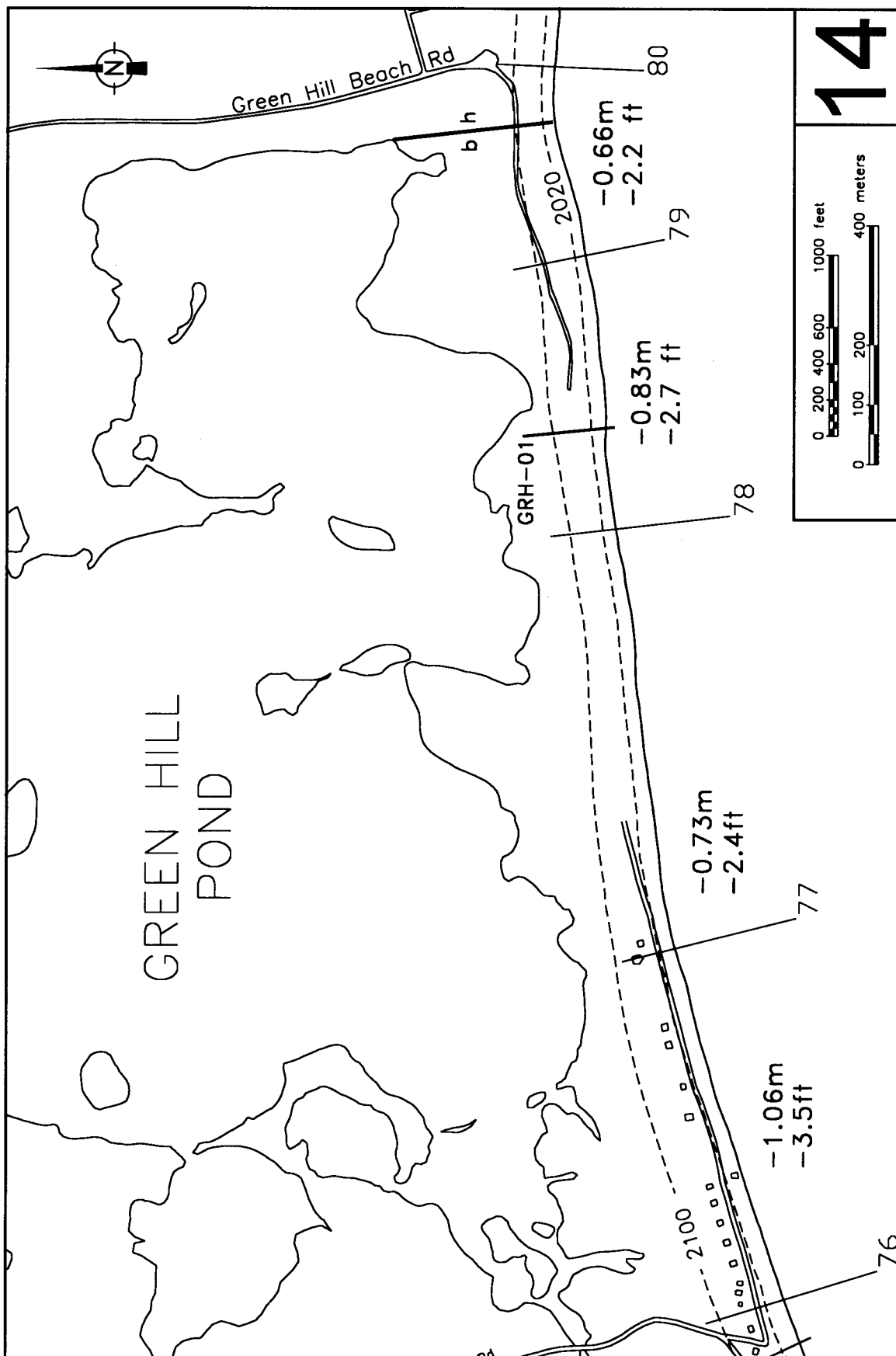


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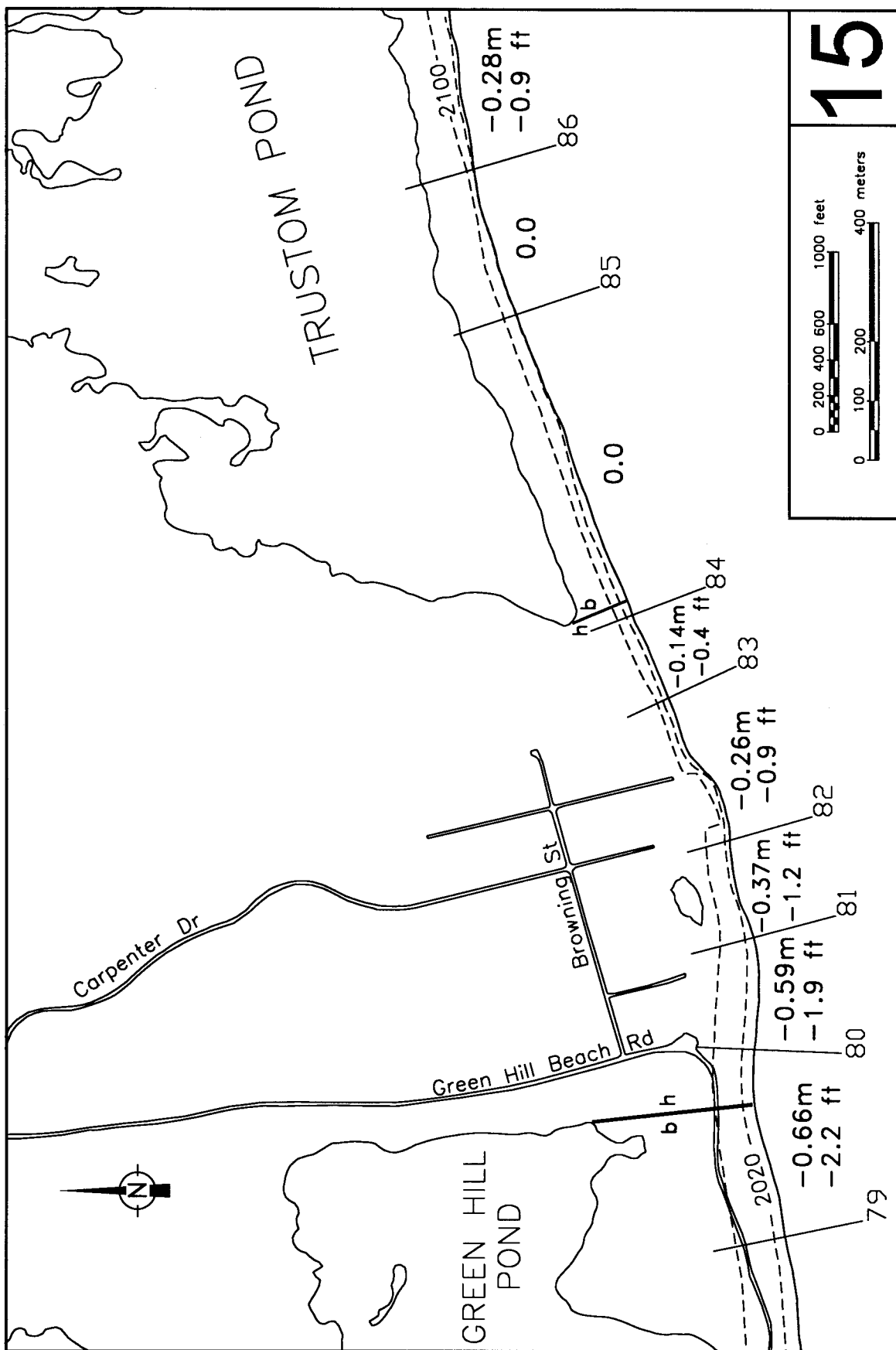




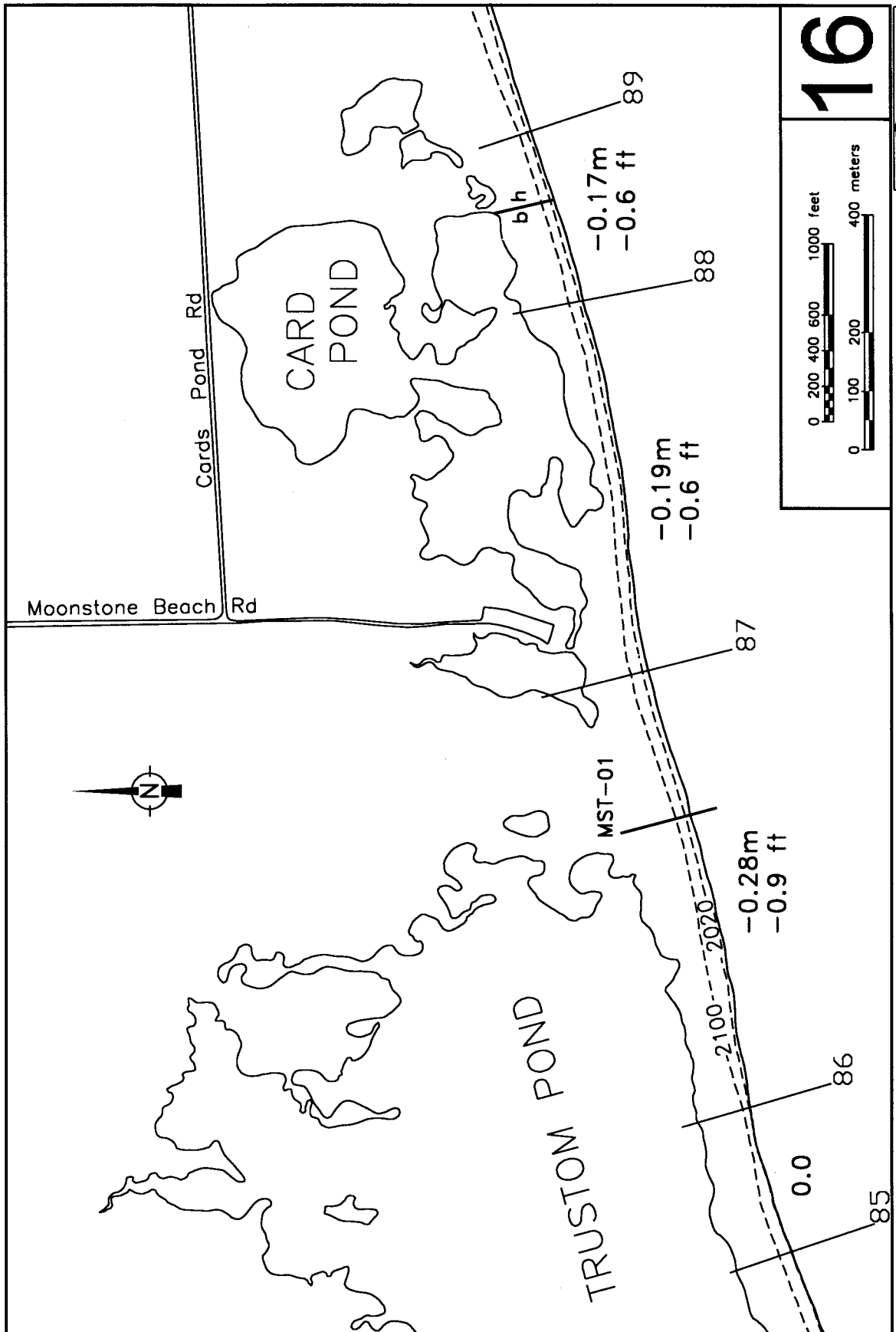
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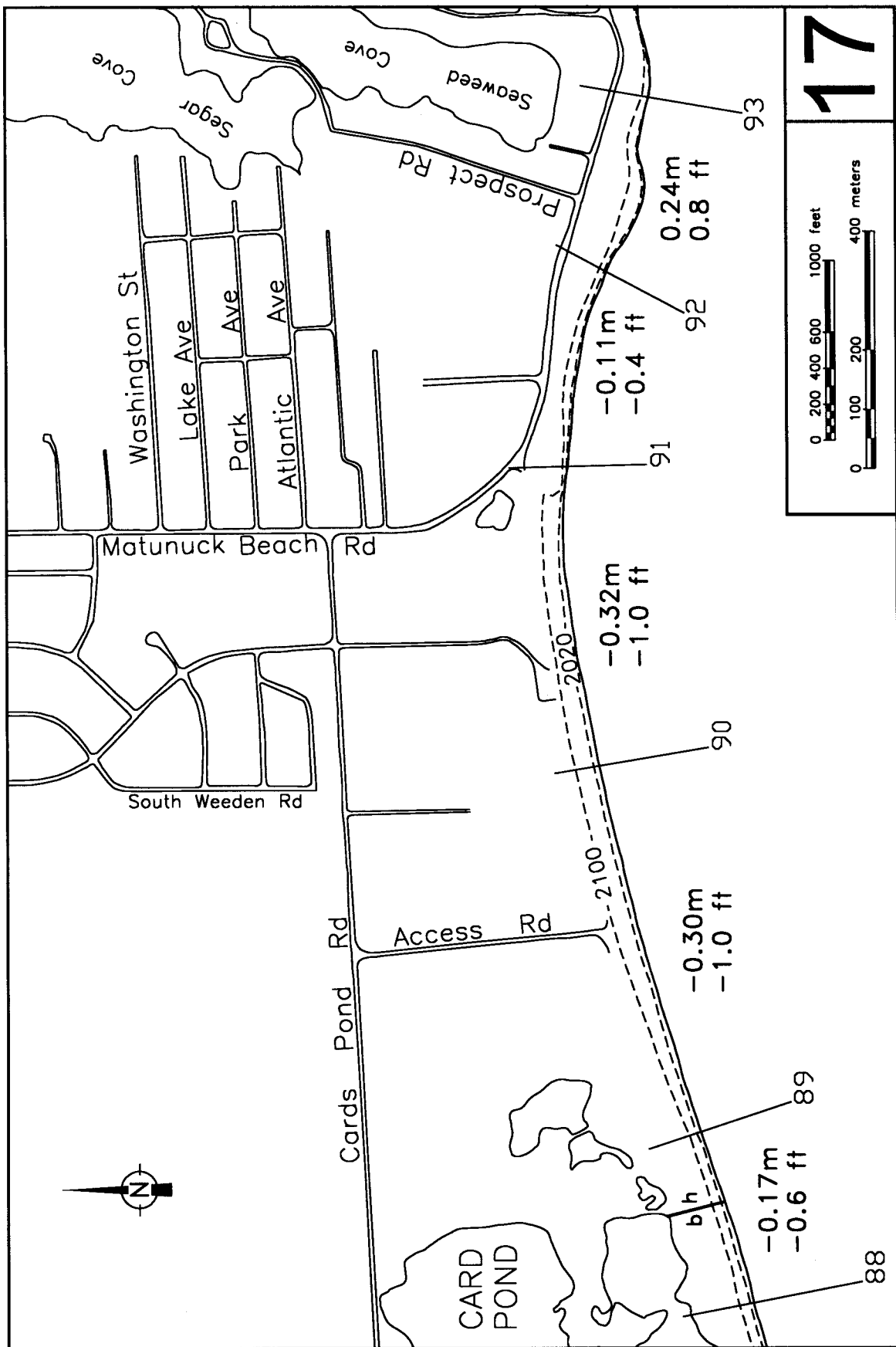
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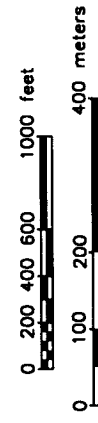
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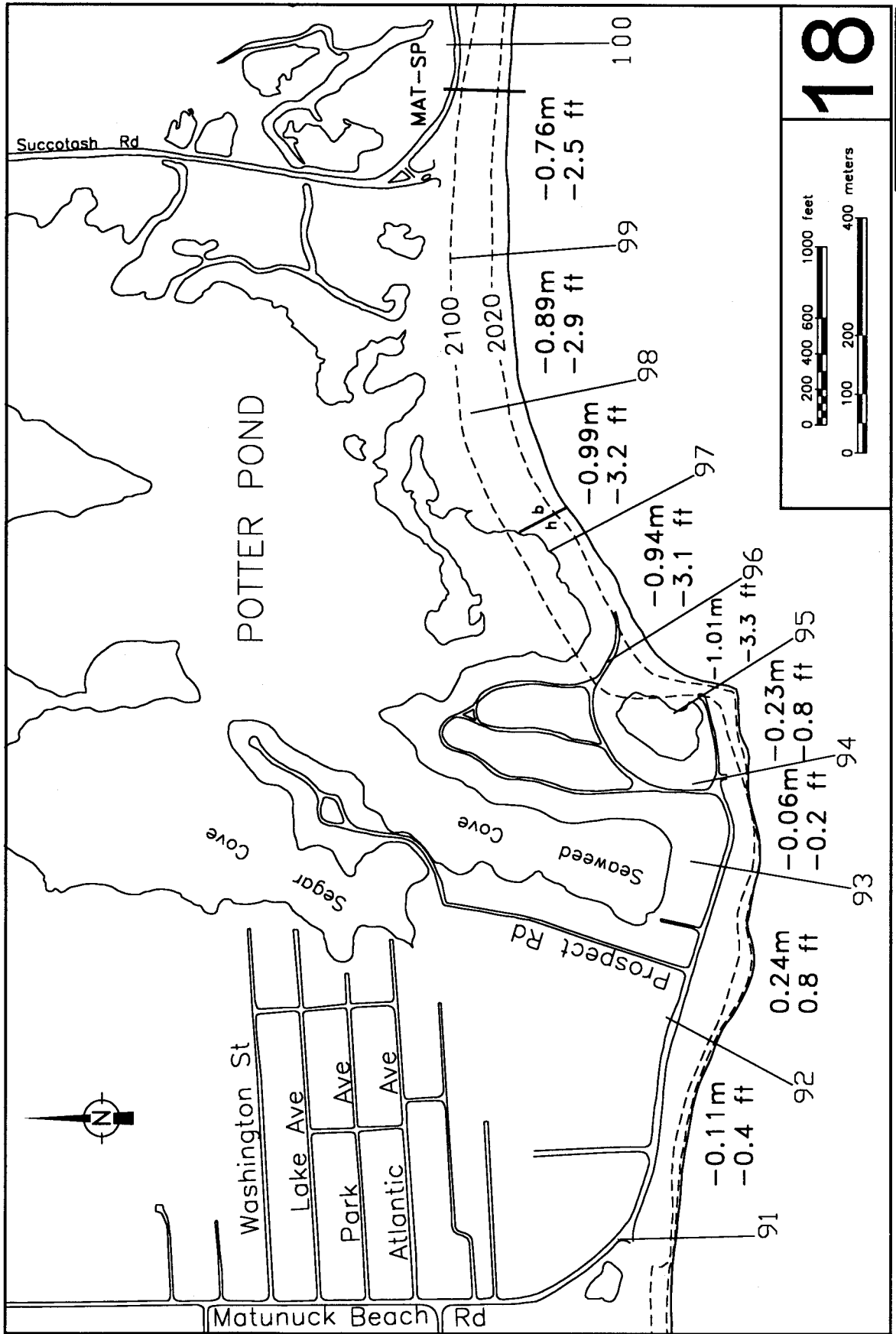


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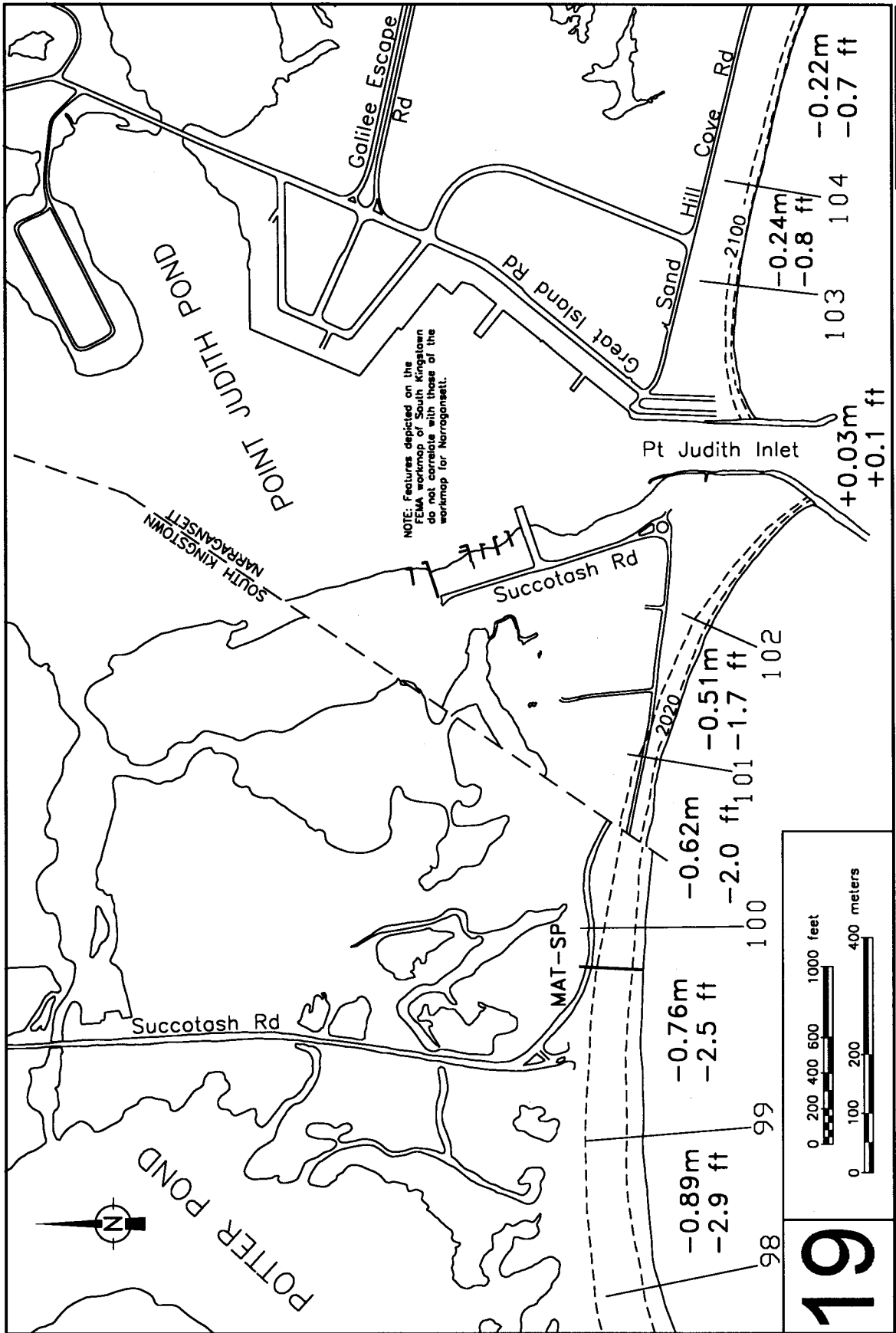


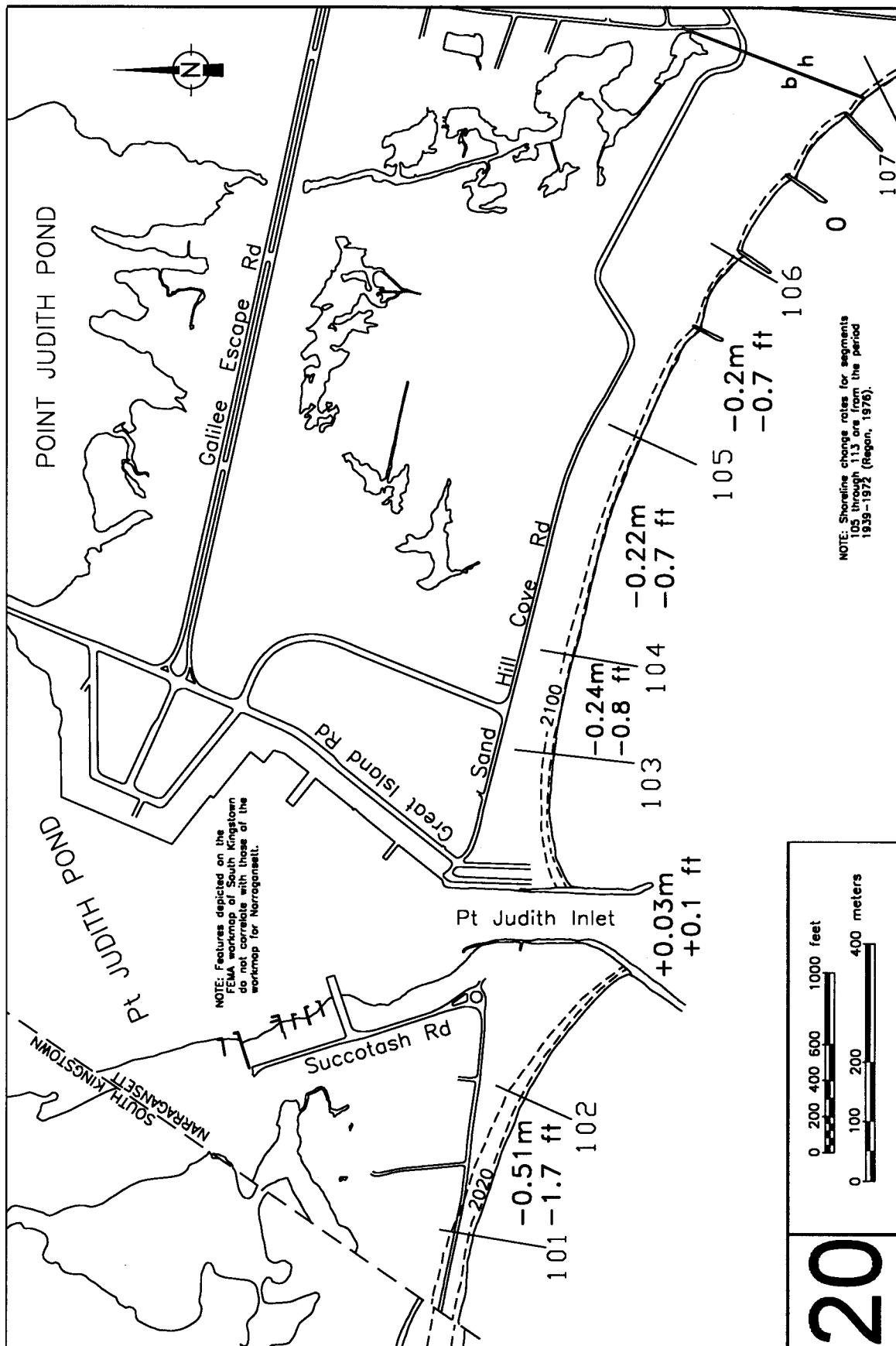
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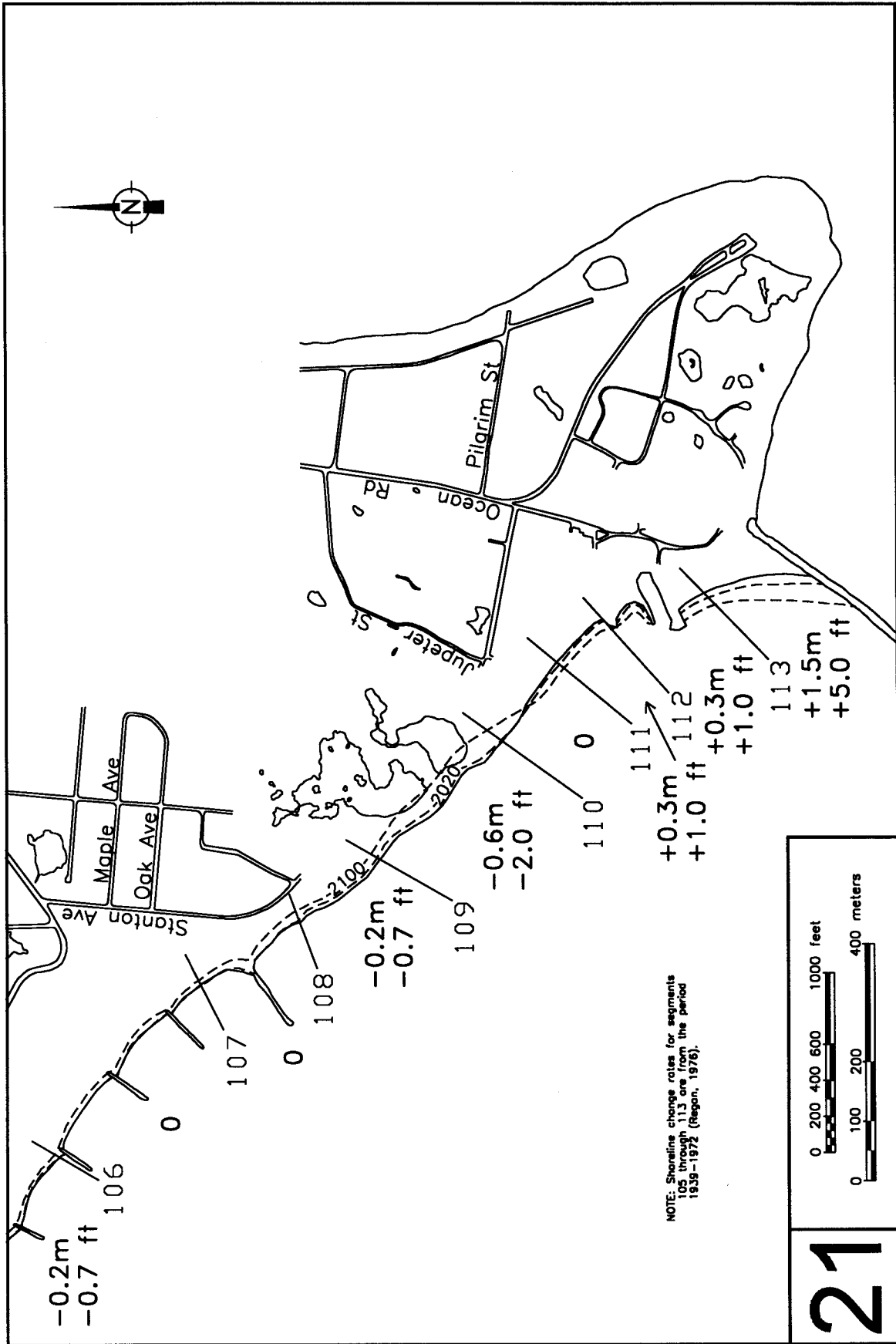


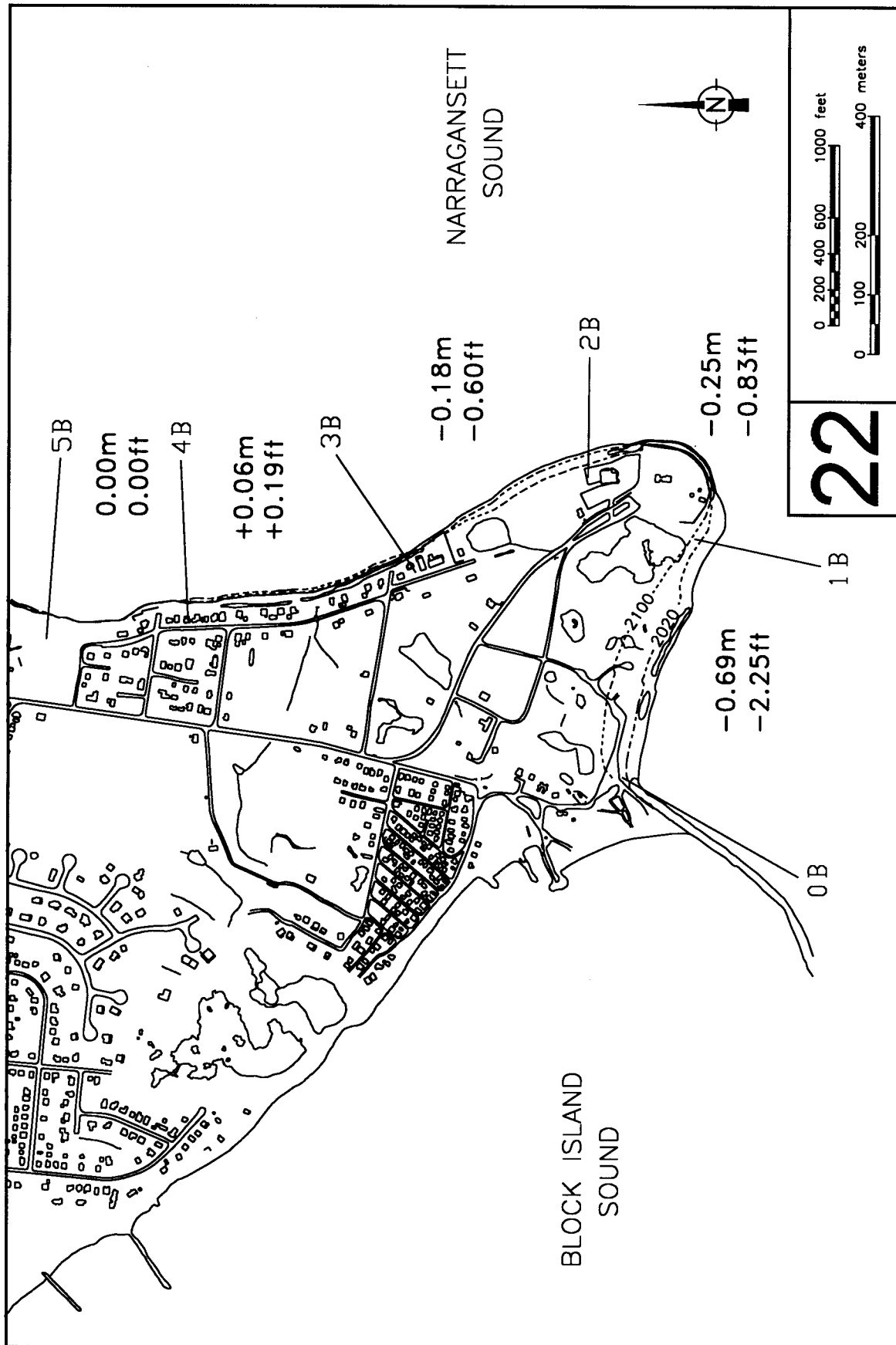
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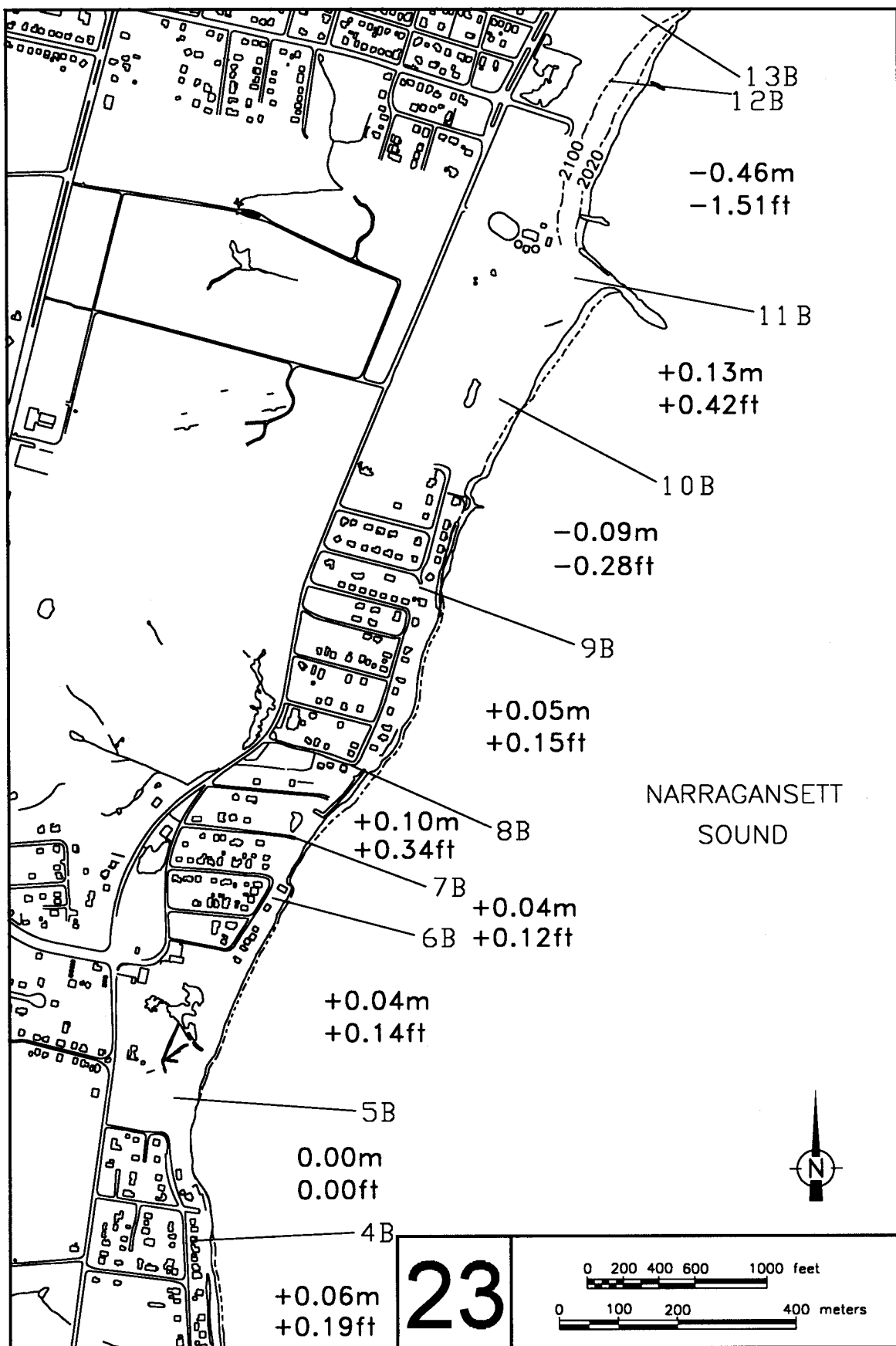


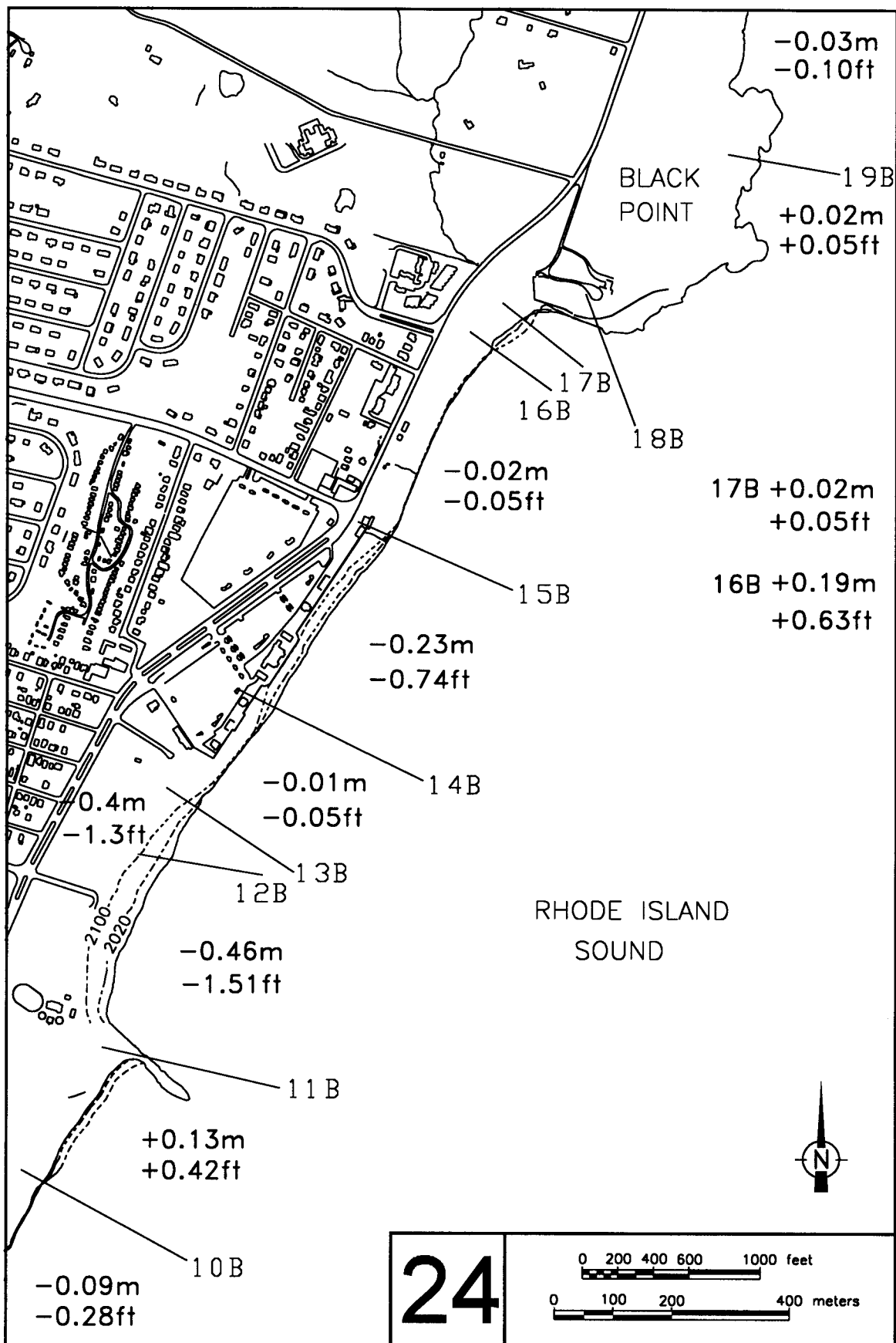
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