SOTOLONGO

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TECHNICAL CONSIDERATIONS OF THE EPA/PCB/NUS "CHANNEL" ALTERNATIVE

1. Evaluating and planning to control the effects and down-gradient flow of heavy rainfall (e.g., 100-year storm or hurricane) (acre-feet on the Acushnet River Watershed outside the "Channel").

2. Designing and controlling the water flow from storm drains (from Acushnet and Fairhaven; and from New Bedford respectively)— will these storm drains discharge into or outside of the "Channel"?

3. Disposition of discharge water from the Tilcon Quarry (now flowing into the Acushnet River)? MAP ATTACHED

4. Design, control and transit of the watershed drainage (outside the "Channel") through the Coggeshall Street barrier—without admitting tide-water backflow?

5. Problem of the design and control of the lateral "Channel" spillage as the "Channel" headwalls are lowered (NUS design) just before "Channel" walls reach the north side of Coggeshall Street abutment.

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October 26, 1984

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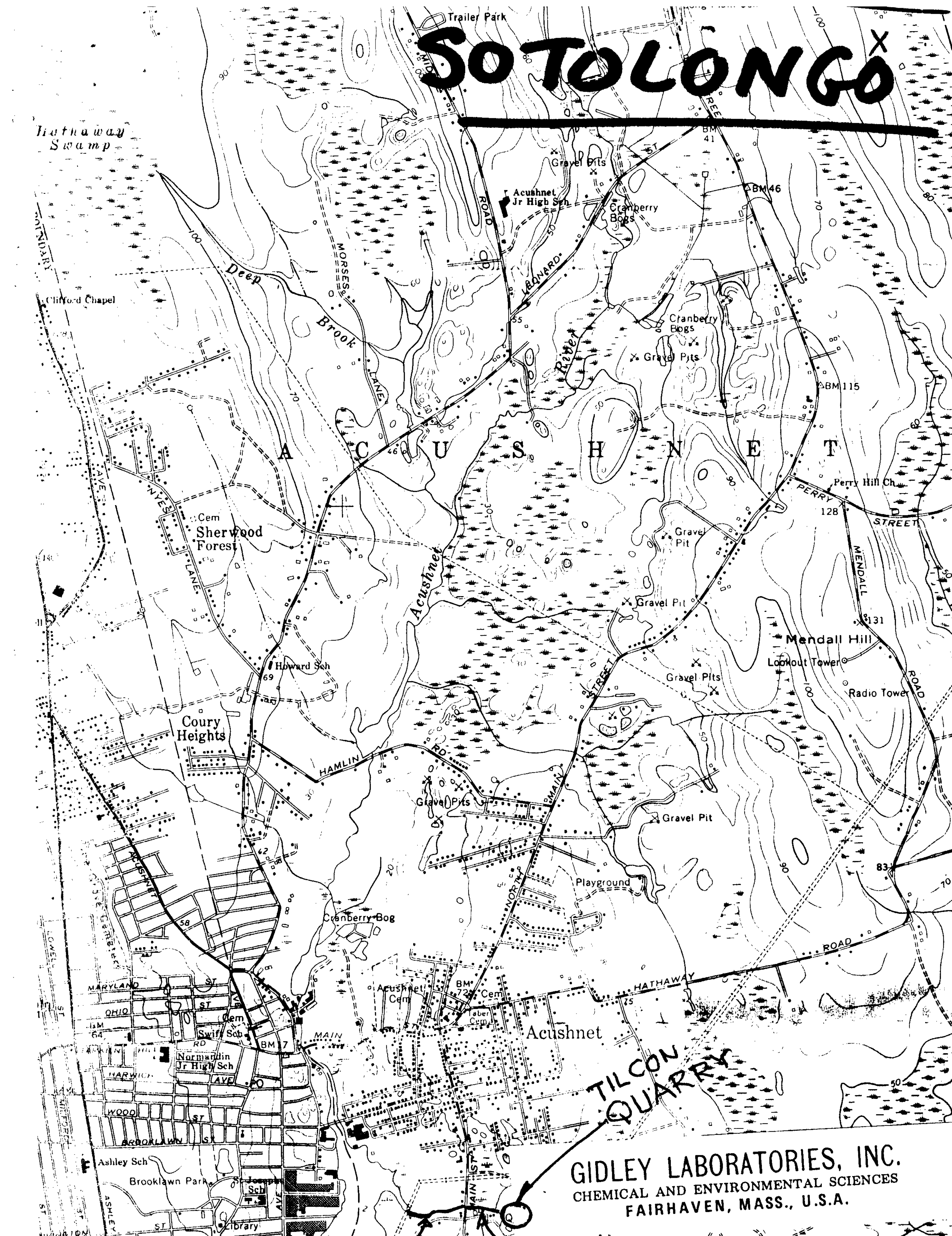

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