

Drainage Management Plan

The Chautauqua Institution
Chautauqua, New York



Services Provided

Engineering
Survey

Foit-Albert Associates was commissioned to prepare a comprehensive examination of the drainage behavior off the Chautauqua Institution, a 700-acre seasonal community adjacent to Chautauqua Lake.

The study consisted of the identification and analysis of 14 distinct watersheds on the grounds, quantitative analysis of stormwater within the watersheds, identification of impediments to efficient stormwater handling and recommendations to resolved identified deficiencies.

A geographic information system (GIS) mapping of roads, building structures, drainage structures, drainage lines and Chautauqua Lake outfalls was performed which involved field location, auto cad mapping, and auto CADD data conversion to GIS mapping. The completed GIS mapping generated various report exhibits that detailed the relationship of these elements.