

Project Name

Mililani Mauka Offsite Drainage, Phase II, Mililani, Oahu, Hawaii

Client / Owner

Castle & Cooke Homes Hawaii, Inc.

Year Completed

1994

Project Description & Firm's Responsibility

This project involved the phase two design of a drain line to convey storm water runoff from Mililani Mauka residential development to Kipapa Gulch. Major components of the system included a 10-foot by 12-foot and a 10-foot by 8-foot box culvert and dissipation structure.

The first phase of the project involved obtaining conceptual approval of the proposed drainage structure, assessing flood impact of the proposed structure to existing downstream residential and commercial units, and processing a Stream Channel Alteration Permit. The second phase involved preparing construction plans, specifications, and cost estimate for the proposed drainage structure. Services during construction were also provided.

