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ENGINEERING FEASIBILITY STUDIES

PART ONE OF

THE COMPREHENSIVE PLAN

Ala Moana Reef

HONOLULU, HAWAII

ENGINEERING FEASIBILITY STUDIES

Part One of the Comprehensive Plan for Ala Moana Reef, Honolulu, Hawaii

Prepared for
State of Hawaii
Department of Land and Natural Resources
by
H. A. R. Austin and Associates, Ltd.
and
Law and Wilson, Ltd.
Honolulu, Hawaii

December, 1960

H. A. R. Austin & Associates, Ltd. - Law & Wilson, Ltd.

a joint venture
for ala moana reef engineering studies

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December, 1960

Department of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Gentlemen:

We are pleased to submit herewith the results of our engineering feasibility studies, a part of the comprehensive plan of Ala Moana Reef, Honolulu, Hawaii. This report was prepared in accordance with the letter-contract of July 27, 1959. Investigations were carried on concurrently and in close coordination with those of the planning consultants, Harland Bartholomew and Associates, and Belt, Collins and Associates, Ltd.

Engineering feasibility studies were divided into three parts; the soils studies, current and wave action studies, and studies for development of additional land area. Borings and soils investigations were accomplished by K. B. Hirashima and Associates, soils engineers. An examination of currents and wave action at the site was done by H.A.R. Austin and Associates, Ltd. and the studies for development of additional land area were performed by Law and Wilson, Ltd. The scope of this engineering study includes only the development of raw land areas and the extension of off-site utilities. Roads, bridges, landscaping, on-site utilities and other features of this nature are excluded.

The results contained herein represent our best judgment for the proper development of the Ala Moana Reef, as summarized in the Conclusions and Recommendations.

We wish to express our gratitude for the opportunity of participating in studies for the development of the Ala Moana Reef lands and our appreciation for the excellent cooperation of the planning consultants.

Respectfully submitted,

H.A.R. AUSTIN & ASSOCIATES, LTD.
H.A.R. Austin

LAW & WILSON
James Wilson

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