



DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
P.O. BOX 1108
WAILUKU, MAUI, HAWAII 96783-7108

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OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

December 31, 1991

Office of Environmental Quality Control
Central Pacific Plaza
220 South King Street, 4th Floor
Honolulu, Hawaii 96813

Gentlemen:

Subject: MIDDLE KIMO TANK, JOB NO. 92-16
TMK: 2-3-04:03, KULA, HAWAII

In accordance with the requirements of Chapter 343, HRS and Chapter 200 to Title 11, Administrative Rules, we hereby notify you that an Environmental Impact Statement will not be required for the subject project.

As the proposing agency, we are forwarding herewith one copy of OEQC Form 89-01 and four (4) copies of an Environmental Assessment (Negative Declaration) for the subject project showing that there will be no significant impact on the environment as a result of this project. These are respectfully submitted for your consideration.

Sincerely,

for RAE M. SHIKUMA
Director

Encl: Publication Form
Four (4) Environmental Assessments

RS:rka

"By Water All Things Find Life"

245

1992-02-08-MA-FAA - Middle Kimo Tank

ENVIRONMENTAL ASSESSMENT - DETERMINATION

MIDDLE KIMO TANK

JOB NO. 92-16

TMK: 2-3-04:003

KULA, MAUI, HAWAII

ENVIRONMENTAL ASSESSMENT - DETERMINATION

FOR THE
MIDDLE KIMO TANK
IN THE
KULA DISTRICT
COUNTY OF MAUI

FOR
DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
WAILUKU, MAUI, HAWAII

PREPARED BY
AUSTIN, TSUTSUMI & ASSOCIATES, INC.
ENGINEERS * SURVEYORS
HONOLULU * WAILUKU * HILO, HAWAII

December 1991

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EXHIBITS

- 1 PROJECT LOCATION
- 2 PROJECT VICINITY
- 3 TANK SITE PLAN



AUSTIN, TSUTSUMI & ASSOCIATES, INC.

CIVIL ENGINEERS • SURVEYORS

CONTINUING THE ENGINEERING PRACTICE FOUNDED BY H. A. R. AUSTIN IN 1934

TED S. KAWAHIGASHI, P.E.
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THOMAS S. OTAGURO
IVAN K. NAKATSUKA, P.E.

KEN K. KUROKAWA, P.E.
Vice President &
Maui Branch Office Manager

ENVIRONMENTAL ASSESSMENT - DETERMINATION

**FOR THE
MIDDLE KIMO TANK
IN THE
KULA DISTRICT
COUNTY OF MAUI**

I. PROPOSING AGENCY

Department of Water Supply
County of Maui
200 South High Street
Wailuku, Maui, Hawaii
Director: Ms. Rae Shikuma

I. APPROVING AGENCY

Office of the Governor, State of Hawaii

III. AGENCIES CONSULTED IN PREPARING THIS ASSESSMENT

A. State of Hawaii

Department of Transportation
Department of Health
Department of Land and Natural Resources

B. County of Maui

Department of Planning
Department of Public Works
Department of Water Supply

-1-

REPLY TO:
SUITE 214, 1063 LOWER MAIN STREET
WAILUKU, MAUI, HAWAII 96793 • PHONE (808) 244-8044 • FAX NO. 242-9163

OFFICES IN:
HONOLULU, HAWAII
WAILUKU, MAUI, HAWAII • HILO, HAWAII



IV. GENERAL DESCRIPTION OF PROJECTS' TECHNICAL, ECONOMIC, SOCIAL AND ENVIRONMENTAL CHARACTERISTICS

A. Technical Description

The project consists of installing a new .05 mg glass lined steel water tank at the Harry Field Tank Site. This new steel tank replaces an existing .03 mg redwood tank located within the site. The existing redwood tank must be replaced due to its deteriorated condition. New water lines from the steel tank will be connected to the existing water lines to maintain the present operational sequence of the water system. An asphalt paved access road from the existing driveway (off of Haleakala Highway) to the new tank is included in the project. The project construction area utilizes 6750 square feet of the 1.011 area site. All construction work will be in accordance with construction specifications prepared for the project, as well as with the Standard Specifications and Standard Details of the Department of Public Works, and the Department of Water Supply of the County of Maui.

The estimated cost of the project is \$225,000.

B. Economic and Social Characteristics

The land use and lifestyle of the area are not anticipated to change with the implementation of the water project. No families or business will be relocated by the proposed water project. Further development of the area served by this waterline should not be encouraged by the implementation of this project.

C. Environmental Characteristics

Construction on the tank site involves grading, installation of the tank, pipeline, and paved access road. Upon completion of the installation of the tank and the access road, most of the affected areas will be restored to near original conditions and existing general drainage patterns will be maintained. After the new tank is fully operable, the existing 0.03 mg redwood tank will be demolished and removed.

removing one tree
Exhibit 3



There will be no major changes to the new tank system will replace the existing redwood tank.

There are no known historical or archaeological sites within the parcel, but there are known significant historical sites around the area.

V. **SUMMARY AND DESCRIPTION OF AFFECTED ENVIRONMENT**

The proposed tank and driveway are situated on existing pasturelands covered with cattle grass and scattered Eucalyptus trees. The color of the tank will be green or colb^gelt blue and will blend into the existing trees and pasturelands.

Soils in the area are classified as Pane Silt Loam (PxD) by the U.S. Soil Conservation Service. Permeability is moderately rapid. Runoff is slow to medium and the soil erosion hazard is slight to moderate. See Exhibit 1 for Project Location, Exhibit 3 for Site Plan showing proposed tank.

VI. **IDENTIFICATION AND SUMMARY OF MAJOR IMPACTS AND ALTERNATIVES CONSIDERED**

A. Major Impacts

There will be no permanent adverse environmental impacts created in the area by the proposed project. Some temporary, unavoidable adverse environmental effects will occur during construction. These effects will be noise and airborne emissions from construction equipment, and inconvenience to motorists, pedestrians and abutting property owners during the construction period. Dust shall be kept within acceptable levels at all times including non working hours, weekends and holidays in compliance with State of Hawaii, Public Health Regulations. Methods of dust control and all costs incurred, therefore, shall be the responsibility of the contractor.

There will be no other significant effects on the environment of the area.



B. Alternatives

The alternative of "no action" would mean that the current operational sequence to the Omaopio Tank would be shut down upon failure of the existing redwood tank.

VII. PROPOSED MITIGATION MEASURES

A. Noise and Airborne Emission Management

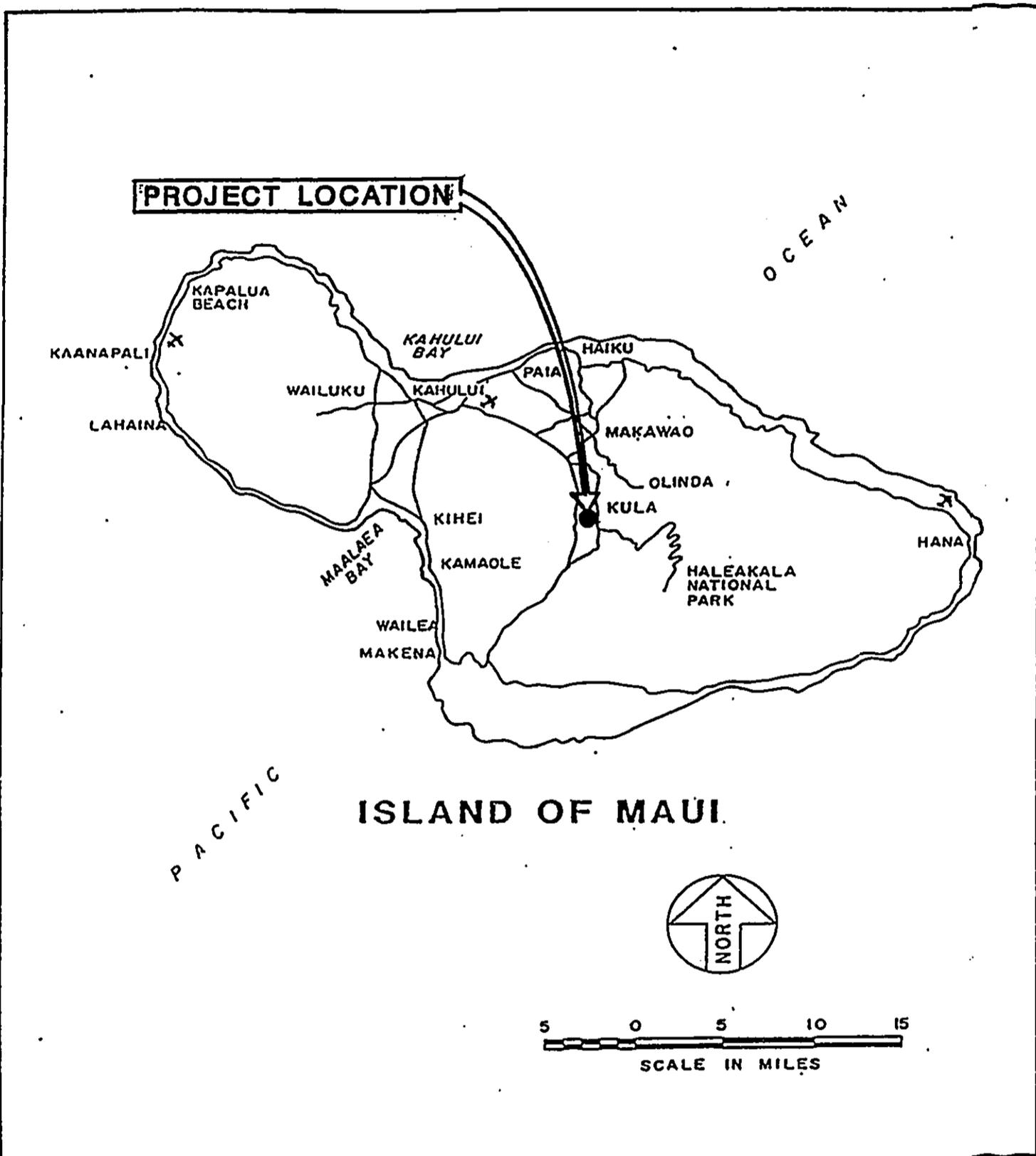
The Contractor will be required to observe all Federal, State and County rules and regulations relating to air and noise pollution during construction.

B. Vehicular and Pedestrian Traffic Inconvenience

Contract provisions will restrict work during peak periods of traffic. Specific working hours in the public rights-of-way will be established. Safety precautions and traffic control measures contained in the "Rules and Regulations Governing the Use of Traffic Devices at Work Sites on or Adjacent to Public Streets and Highways", as adopted by the State Highway Coordinator and the "Manual of Uniform Traffic Control Devices for Streets and Highways, Part VI - Traffic Controls for Street and Highway Construction, Maintenance, Utility and Emergency Operations" will be used on the project.

VIII. DETERMINATION

After completing an assessment of the potential environmental effects of the proposed project, it is determined that the effects will not be significant and does not warrant an environmental impact statement. Therefore, this document constitutes a notice of negative declaration.



DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI

ENVIRONMENTAL ASSESSMENT
DETERMINATION FOR THE
MIDDLE KIMO TANK

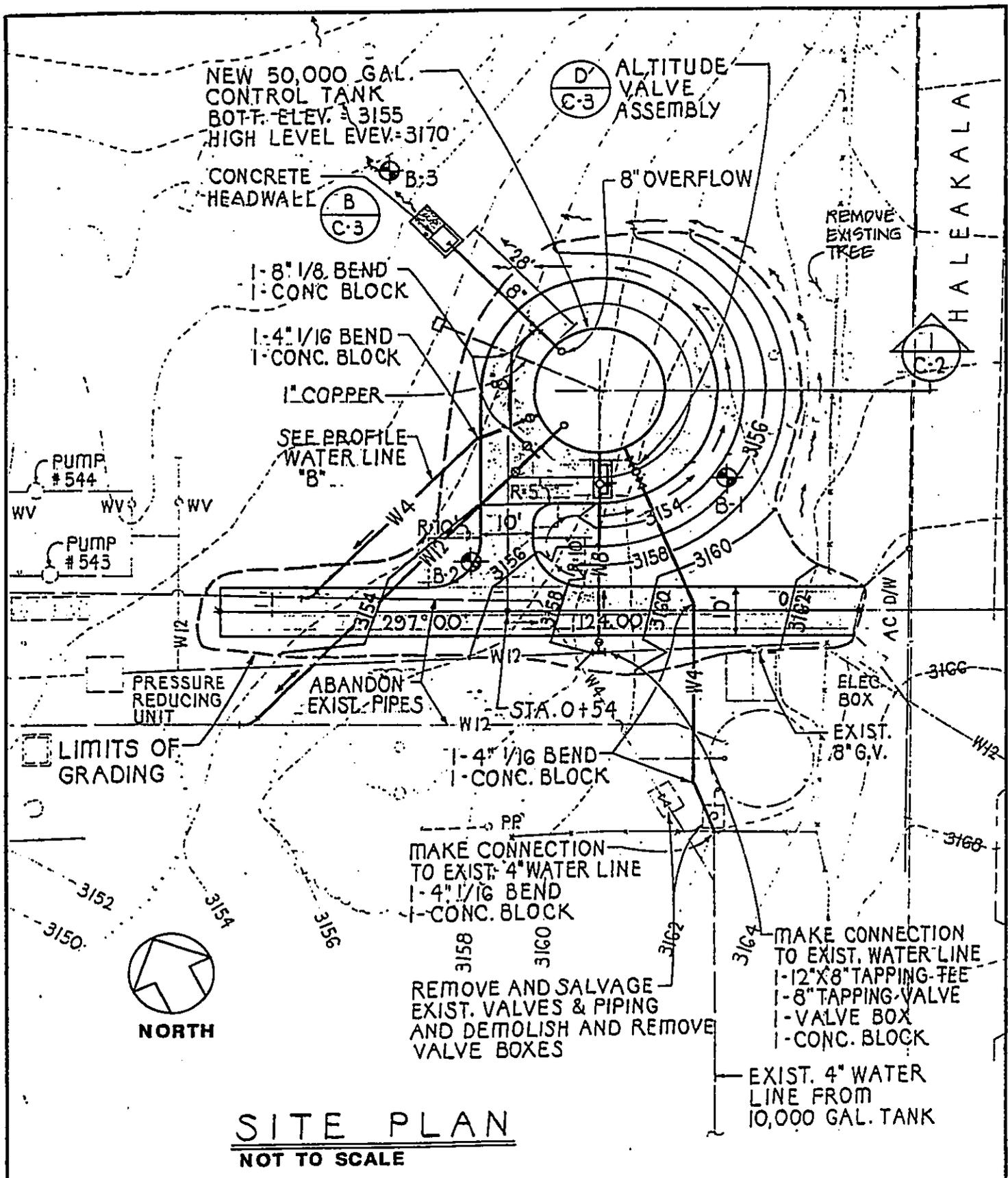


AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS SURVEYORS - HAWAII

LOCATION MAP

EXHIBIT

1



DEPARTMENT OF WATER SUPPLY
 COUNTY OF MAUI
 ENVIRONMENTAL ASSESSMENT
 DETERMINATION FOR THE
 MIDDLE KIMO TANK

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
 ENGINEERS, SURVEYORS • HAWAII
TANK SITE PLAN

EXHIBIT
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