

HANNIBAL TAVARES  
Mayor



CHARMAINE M. TAVARES  
Director  
FLOYD S. MIYAZONO  
Deputy Director

RECEIVED

COUNTY OF MAUI

DEPARTMENT OF PARKS AND RECREATION

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1580 Kaahumanu Avenue  
Wailuku, Maui, Hawaii 96793

OFC. OF ENVIRONMENTAL  
QUALITY CONTROL

May 9, 1990

Dr. Marvin Miura, Director  
Office of Environmental Quality Control  
465 South King Street, #104  
Honolulu, Hawaii 96813

Dear Dr. Miura:

Subject: Negative Declaration and Environmental Assessment  
for Hookipa Park Improvements

We respectfully submit four copies of the subject document for publication in the May 23, 1990 OEQC Bulletin as a Negative Declaration. The Department has determined that the proposed project will not have any significant environmental impacts and therefore an Environmental Impact Statement is not warranted. A list of reasons supporting this determination is included in the subject Environmental Assessment.

If you have any questions, please contact Masaru Abe of my staff at 243-7230.

Very truly yours,

A handwritten signature in cursive script that reads "Charmaine M. Tavares".

CHARMAINE M. TAVARES  
Director of Parks and Recreation

1990-05-23-MA-FA

ENVIRONMENTAL ASSESSMENT

FILE COPY

★ HOOKIPA PARK IMPROVEMENTS ★  
MAKAWAO DISTRICT, MAUI, HAWAII

DEPARTMENT OF PARKS AND RECREATION  
COUNTY OF MAUI

PREPARED BY  
NORMAN SAITO ENGINEERING CONSULTANTS, INC.  
AND  
ENVIRONMENTAL COMMUNICATIONS, INC.  
MAY 1990

**I SUMMARY**

**Chapter 343, HRS  
Environmental Assessment (EA)**

<b>Action</b>	<b>Agency</b> Department of Parks and Recreation County of Maui
<b>Project Name:</b>	Hookipa Park Improvements
<b>Project Description:</b>	The proposed project consists of several minor repairs and improvements. These improvements will include roadway and shoulder widening, additional parking, road resurfacing, guard rail and curb additions, minor grading, drainage system additions, rock wall repair and reconstruction, walkway construction, and outdoor shower reconstruction.
<b>Project Location:</b>	The project improvements are located on Hookipa Beach Park located off Hana Highway in Maui, Hawaii. The beach park is on the northern most portion of the Makawao District between Lower Paia and Maliko Gulch.
<b>Tax Map Key:</b>	2-5-04: 25
<b>State Land Use Designation:</b>	Conservation District
<b>Community Plan Designation:</b>	Park
<b>Landowner:</b>	County of Maui

## II. STATEMENT OF OBJECTIVES AND PROJECT DESCRIPTION

Hookipa Park has been used as a beach/picnic area with pavilions and restrooms in its early years. In recent years, the park has been used heavily by fishermen, divers, surfers and more recently, for wind surfing. These subsequent uses have increased demand for the existing facilities which are presently used to capacity and are in need of repair and improvement. The proposed improvements will mitigate attrition impacts and will provide better facilities with increased capacity.

### A. Technical Characteristics

Specifically, the proposed project consists of numerous housekeeping repairs, internal traffic and drainage improvements, and new parking areas. The most significant improvements are roadway related.

The circulation road within the park is a section of the old Hana Highway which has been straightened to by-pass the picnic and parking area on the old alignment. This section of the old road is being considered for improvements with this project along with drainage and other park improvements.

The road is too narrow to allow two standard size lanes and shoulders and the adjacent terrain is too prohibitive in providing sufficient road area. The improvements will be limited to one way traffic traveling from east to west within the park road. The roadway section will typically consist of a 12 feet wide travel lane with 3 feet wide paved shoulders on each side. The egress from the park will be regraded to allow a right angle intersection permitting left turn movement into Hana Highway.

These roadway improvements will be implemented in selected areas, with the addition of road markings and new signage, new guard rails, and designated parking areas. These road improvements will require some grading and slope cutting where the pavement will be widened.

Parallel parking stalls will be incorporated along the Paia end of the park road. There will be 79 marked parking stalls. Additional space in the grassed area by the campgrounds may be able to accommodate parking for another 50 vehicles.

The proposed action will also repair sections of the rock wall along the west end of the park and a hole in the wall fronting the eastern most pavilion. The existing outdoor shower which is heavily used, will be reconstructed to provide drainage. A concrete sidewalk will also be constructed between the central and eastern pavillion.

The present drainage facilities include receive runoff from culverts across Hana Highway that drain into the park roads. This project proposes to incorporate an underground drainage system of 24" culverts along the mauka side of the park to collect surface runoff into catch basins which will be conveyed to a discharge outlet to sea.

A CRM headwall will also be constructed on the eastern end of the park. The headwall is needed to mitigate erosion currently occurring at this drainage outfall.

Minor electrical service improvements may be incorporated into the project.

**B. Social and Economic Characteristics**

The proposed project will be of direct social benefit by improving the heavily utilized park grounds. The proposed improvements will provide a safer, more convenient, and aesthetically pleasing facility which is presently considered the windsurfing mecca of the world. The additional parking area designations and road widening improvements will offer better circulation, safety, and capacity while the other improvements and repairs will alleviate attrition related needs.

The proposed project will be completed in one continuous phase at a cost of approximately \$425,000 which will be funded by the County of Maui.

**C. Environmental Characteristics**

The proposed project is not expected to make any negative environmental contributions and will in fact, contribute significantly in improving the existing site and facilities. The proposed drainage improvements will minimize flooding and erosion which will provide safer and more serviceable park grounds. The rock wall repairs and designated parking area will also eliminate erosion of park grounds.

The proposed road improvements will require some grading and slope cutting however this is not considered a negative impact since this action does not involve major quantities of earthwork and will result in a stabilized slope area.

### III. AFFECTED ENVIRONMENTAL

#### A. Project Location

The proposed project improvements are located on Hookipa Beach Park in the Makawao District of Maui, Hawaii. The Hana Highway is located on the mauka boundary of the park site with Lower Paia located to the east and Kuau located to the west. The project site is identified as TMK: 2-5-04: 25.

#### B. Geographical Characteristics

##### 1. Topography

The Hookipa Beach Park site is located on a sloped embankment located makai of the Hana Highway. The main park area is situated at a lower elevation than both the entrance and exit ends which connect to the Highway. The park structures are located behind a seawall which is immediately mauka of the existing shoreline. The park areas east and west of the seawall consist of rocky areas exposed to the shoreline.

##### 2. Soils

According to the Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii by the U. S. Department of Agriculture Soil Conservation Service, 1972, the subject area consists of rRK, rock lands and PcB, Paia silty clay.

The Paia series consists of well-drained soils generally located on uplands on the island of Maui. These soils developed in material weathered from basic igneous rock. They are gently to moderately sloping. Elevations range from nearly sea level to 1,000 feet. The annual rainfall amounts to 25 to 40 inches. The mean annual soil temperature is 73° F.

Paia soils are geographically associated with Haliimaile, Keahua, and Molokai soils.

These soils are used for sugarcane. Small acreages are used for homesites. The natural vegetation consists of ilima, kiawe, lantana, Natal redtop, uhaloa, and yellow foxtail.

Paia silty clay, 3 to 7 percent slopes (PcB) is found on some portions of the park site. Included in mapping were small areas

of Haliimaile and Molokai soils. Also included were small, nearly level areas.

In a representative profile the surface layer is dark reddish-brown silty clay and clay about 19 inches thick. The subsoil, about 41 inches thick, is dark reddish-brown clay that has angular and subangular blocky structure. The substratum is soft, weathered basic igneous rock. The soil is mildly alkaline in the surface layer and subsoil.

Permeability is moderate. Runoff is slow, and the erosion hazard is slight. The available water capacity is about 1.3 inches per foot in the surface layer and about 1.6 inches per foot in the subsoil. In places roots penetrate to a depth of 4 feet or more.

3. Land Use Type

The Detailed Land Classification - Island of Maui by the Land Study Bureau, University of Hawaii, L. S. B. Bulletin No. 7, 1967, designated the site as A66i. This area has an overall "A" rating which indicates it is well suited for machine tillability and is nonstoney, deep, and well drained.

C. Hydrological Characteristics

1. Groundwater and Drainage

No natural water features are located within the park site. At present, the park is naturally drained; however, the proposed improvements will include a number of new drainage inlets which should eliminate the intermittent ponding and erosion occurring on the park grounds. Drainage mauka of the Hana Highway is presently inadequate which results in drainage flow across the highway onto park grounds which are located at a lower elevation. The proposed drainage improvement should significantly relieve this problem.

2. Flood Hazard

The National Flood Insurance Program FIRM Flood Insurance Rate Map, Panel 185, June 1981 for Maui County indicates that the shoreline area of the park site is designated Zone V23 while the majority of the site is in Zone C. Zone V23 is defined as an area of 100-year coastal floods with velocity (wave action). The base flood elevations and flood hazard factors for this site have

not been determined. The major park areas are in Zone C, an area of minimal flooding.

3. **Tsunami Inundation**

Hookipa Beach Park is generally located within the Tsunami Inundation Maps as presented in the Maui, Molokai and Lanai telephone directory. The shoreline sections makai of Hana Highway between Lower Paia and Maliko are designated within this tsunami zone.

D. **Biological Characteristics**

No rare or endangered species of flora or fauna were observed on the park site, nor is it likely that the park site serves as a habitat for any endangered species. The project site is heavily used and is barren except for some grass, ornamental trees, and some weedy grasses and shrubs mauka for the park road. Avifauna and feral animals are likely to forage the area for park user discards and trash.

E. **Archaeological Characteristics**

The proposed improvements and repairs will take place on previously graded lands therefore it is unlikely that any archaeological remains will be found onsite. In the event that any remains are found during construction, all work will cease and the State Historic Preservation Officer will be notified.

F. **Infrastructure and Utilities**

The proposed improvements consists of improvements to infrastructure and utilities on site. These improvements are not expected to have any impact on offsite infrastructure or utilities however onsite benefits from the proposed improvements will be significant. Drainage, traffic, parking, safety and aesthetics will all benefit.



#### IV. SUMMARY OF MAJOR IMPACTS AND MITIGATIVE MEASURES

Short-term impacts, beneficial and adverse, generally result from construction-related activities. Consequently, these impacts are of short duration and should not last longer than the duration of the construction. Long-term impacts, beneficial and adverse, generally result from implementation of the proposed action.

Construction of the improvements will correct deficiencies and will also have beneficial long-term impacts. The degree of short-term impact will be determined largely by the construction method to be utilized and the time of day and days of the week construction is performed.

Some grading will be required to accommodate the pavement widening. This grading should also stabilize slope erosion and will not involve significant quantities of earth work. Standard mitigations will be implemented to prevent runoff during the construction period. The proposed improvements will also have some impact on park traffic however most work is expected to be conducted during weekdays when park use is low.

The proposed project will require a Department of Land and Natural Resources Conservation District Use CDUA and a Special Management Area permit.

**V. ALTERNATIVES CONSIDERED**

No alternatives other than the "no action" alternative were considered. No action would result in the continued wear and decline of the existing park site and facilities. This has been deemed unacceptable, and possibly hazardous in some instances, therefore expeditious repair work is required.

## **VI. DETERMINATION, FINDINGS AND REASONS SUPPORTING DETERMINATION**

After completing an assessment of the potential environmental effects of the proposed project and consulting with other governmental agencies, it has been determined that an Environmental Impact Statement (EIS) is not required. Therefore, this document constitutes a Notice of Negative Declaration.

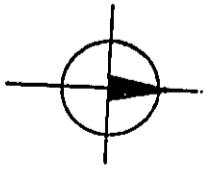
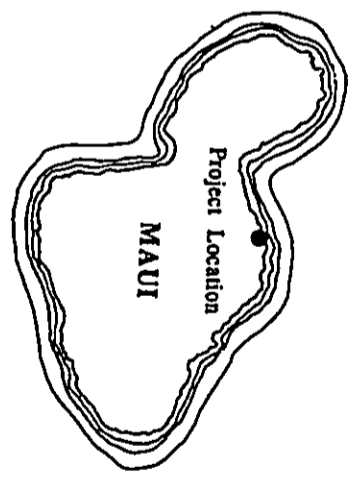
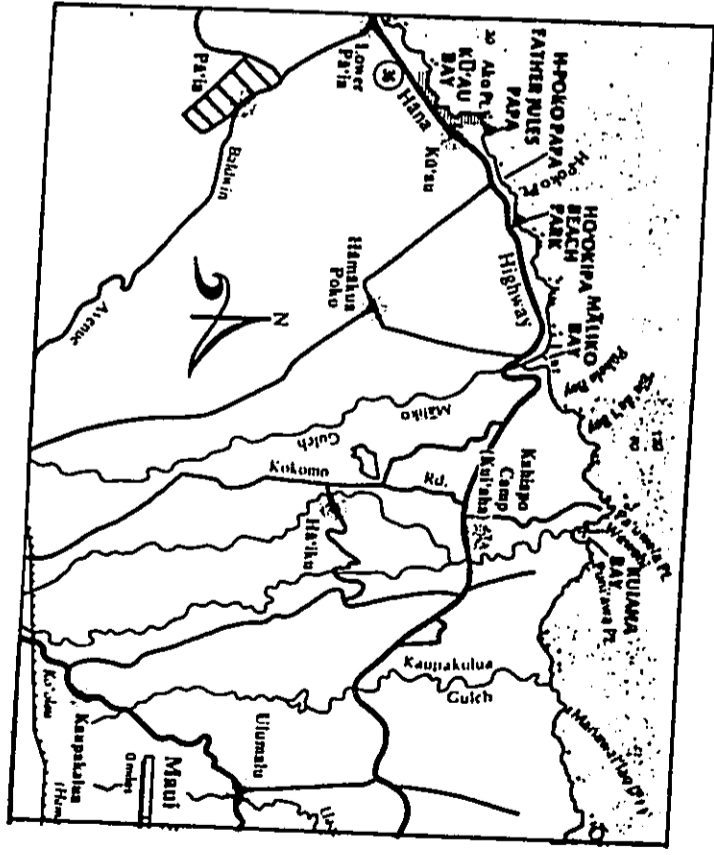
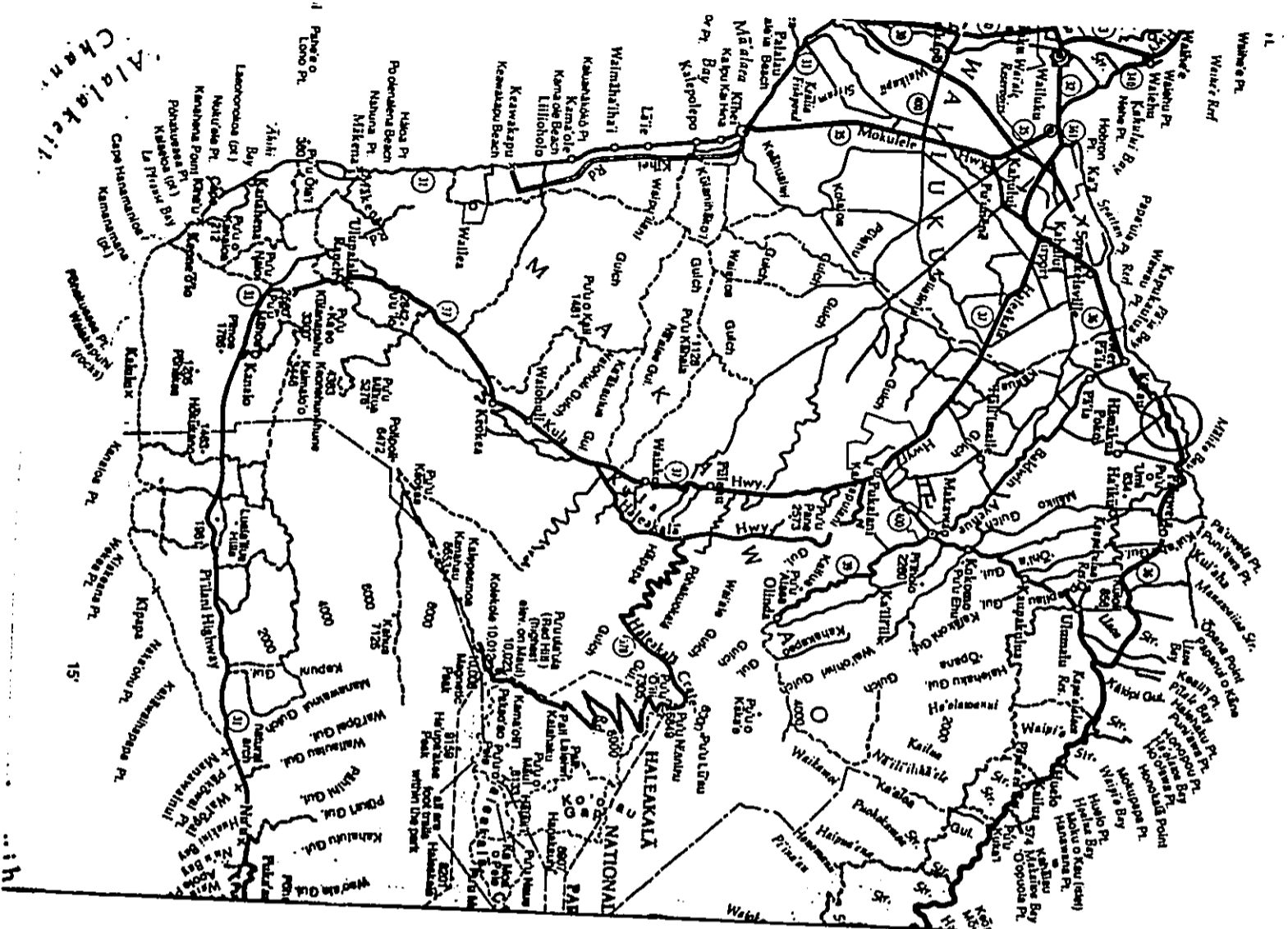
Reasons supporting the Negative Declaration determination are as follows, using as the criteria, the policy, guideline and provisions of Chapters 342, 343 and 344, HRS.

1. The proposed action primarily consists of minor repairs, public safety improvements, and park ground improvements and will not adversely affect the physical and social environment.
2. There will be no permanent degradation of existing ambient air and noise levels. During construction operations, air quality and noise levels are expected to be affected, but these will be temporary and minor.
3. No residences or businesses will be displaced by this project.
4. There are no known endangered species of animal or plants within the project limits.
5. There are no natural, historic or archaeological sites within the project limits.
6. The project is consistent with the Maui County Community Plan for the project site.
7. There are no secondary adverse effects on future development, population and public facilities.

**VII. LIST OF PREPARERS**

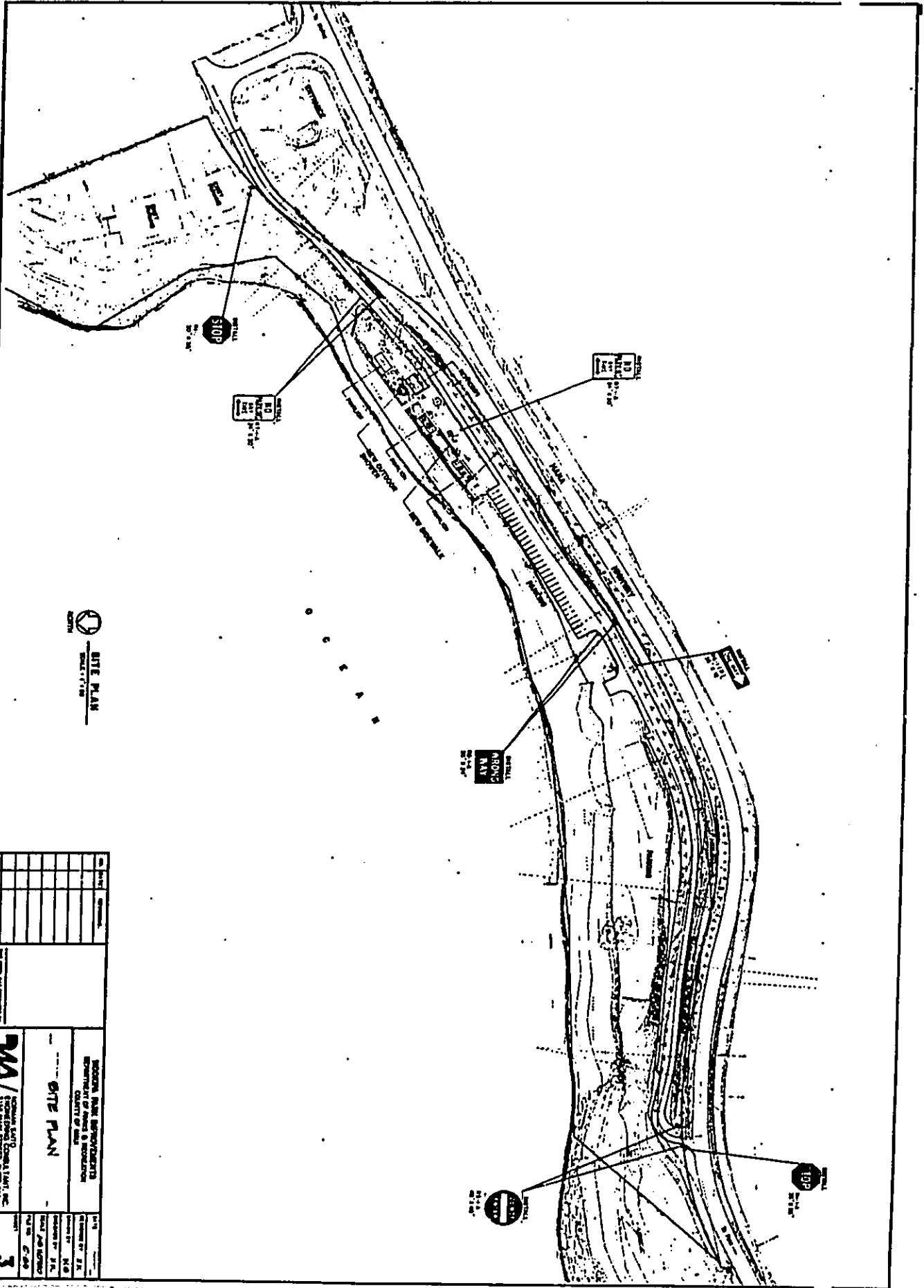
Norman Saito Engineering Consultants, Inc.  
Engineers

Environmental Communications, Inc.  
Environmental Assessment Preparers



**PROJECT LOCATION MAP**

*Maui, Hawaii*



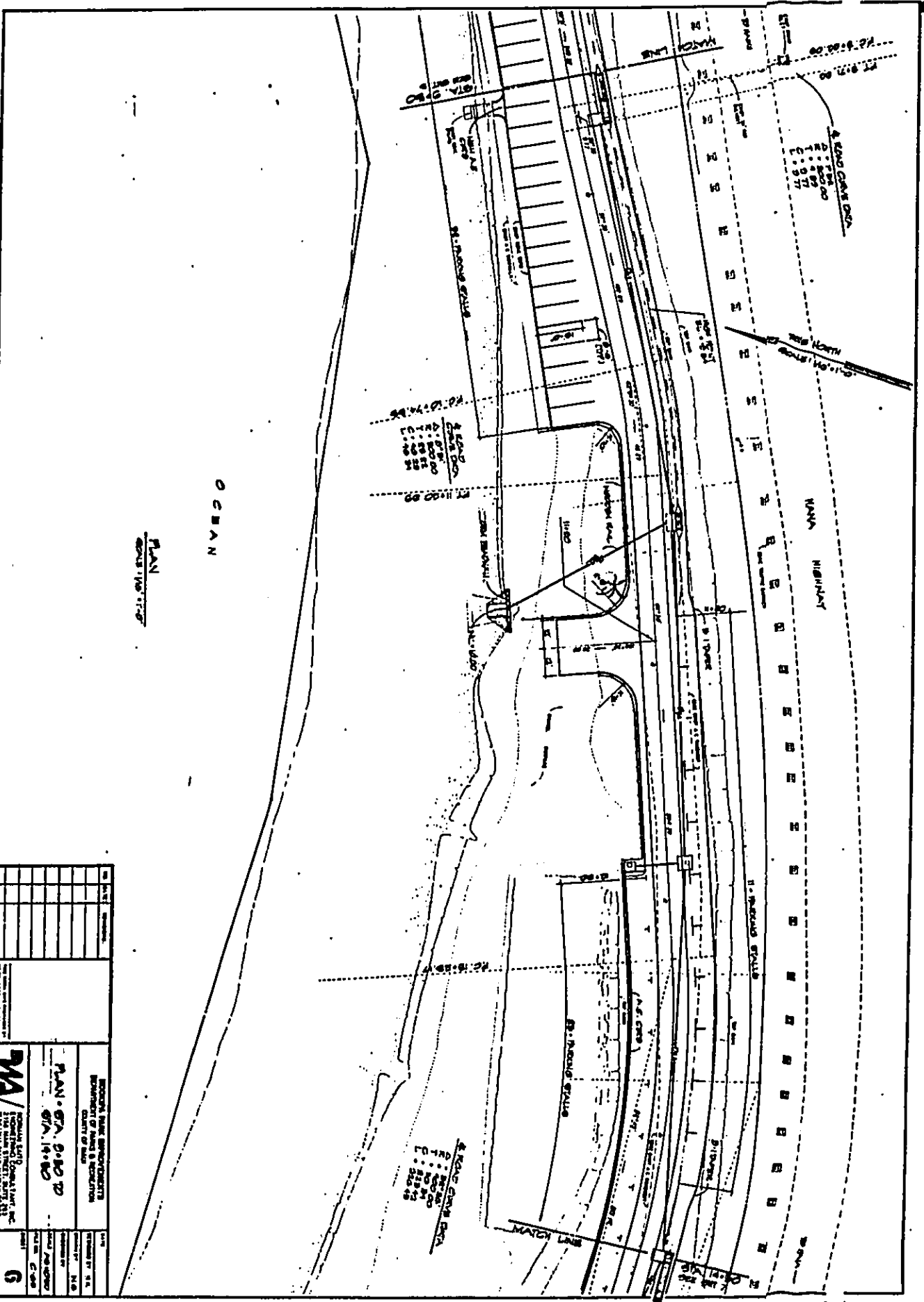

  
 SITE PLAN

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WMA / WOODSON PLANNING ENGINEERING 1000 W. 10TH STREET, SUITE 100 DENVER, CO 80202 PHONE: 303.733.1111 FAX: 303.733.1112 WWW.WMA-PE.COM										WOODSON PLANNING ENGINEERING DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION OFFICE OF TRANSPORTATION 1000 W. 10TH STREET, SUITE 100 DENVER, CO 80202 PHONE: 303.733.1111 FAX: 303.733.1112 WWW.WMA-PE.COM										
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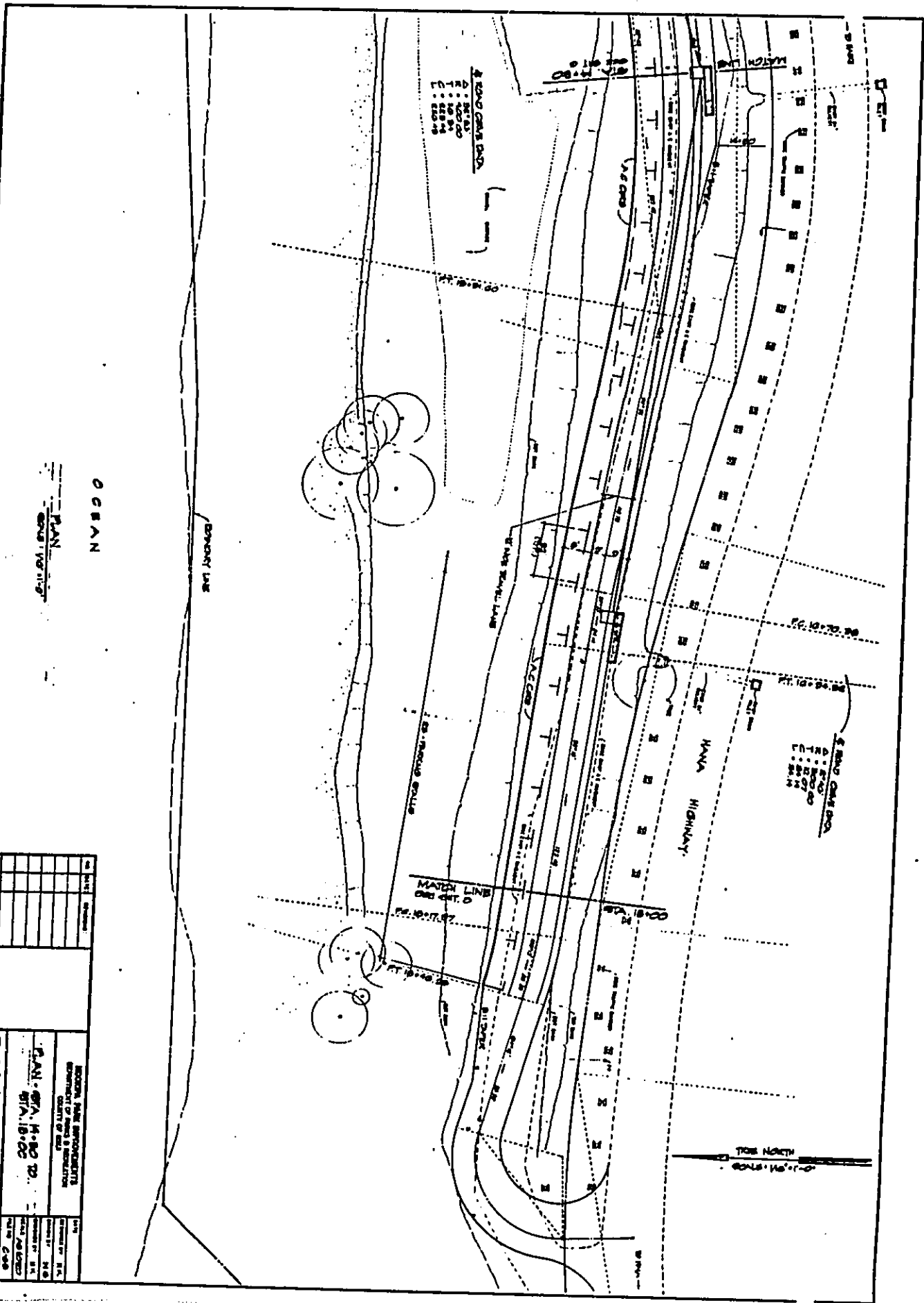






OCEAN  
 PLAN  
 SCALE 1/4" = 10'

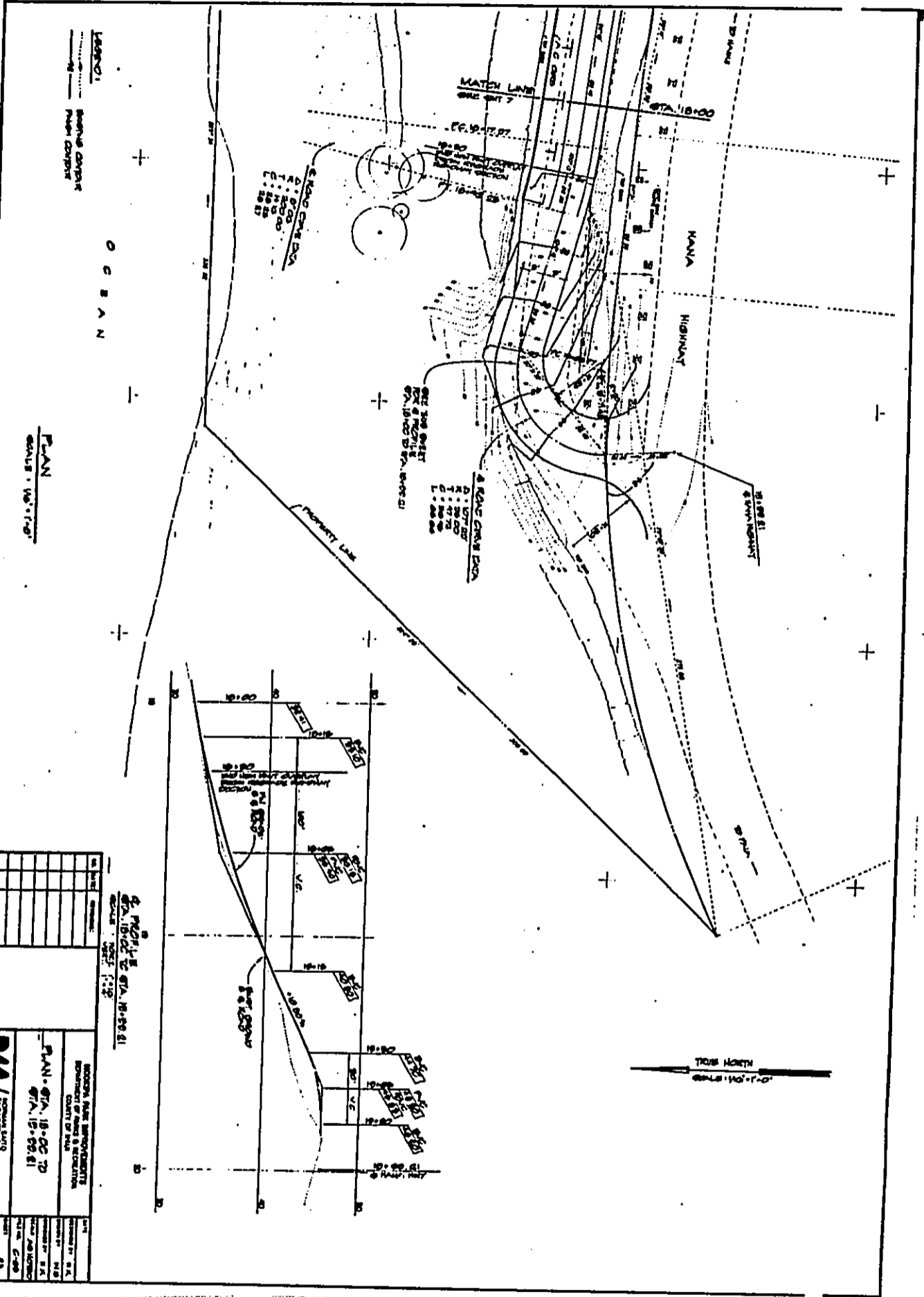
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NO.	DATE	DESCRIPTION

<p><b>W&amp;J</b>          WOODS &amp; JOHNSON          ENGINEERS AND ARCHITECTS          1001 N. 10th St., Suite 100          Salt Lake City, UT 84116          (801) 525-1234</p>	<p>PROJECT NAME: SAND GRAVE DATA          LOCATION: WVA HIGHWAY</p>	<p>DRAWN BY: J.M.          CHECKED BY: J.M.          DATE: 10/10/88          SCALE: AS SHOWN</p>
	<p>CLIENT: U.S. ARMY          PROJECT NO.: 38-756-1-0000          DRAWING NO.: 7</p>	<p>DATE: 10/10/88          SCALE: AS SHOWN</p>



LEGEND  
 --- BRIDGE COMPANY  
 --- ROAD COMPANY

PLAN  
 SCALE: 1/4" = 1'-0"

STA. 18+00 TO STA. 18+50.81 SHEET 1 OF 2	
PROJECT NAME: IMPROVEMENTS CONTRACT NO. 100-1-100 COUNTY OF WA	
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NORTH ARROW ENGINEER: [Signature] DATE: 10/15/81	
WA / [Logo] [Text]	