BENJAMIN J. CAYETANO



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ROBERT P. TAKUSHI COMPTROLLER

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STATE OF HAWAII

P. O. BOX 119. HONOLULU, HAWAII 95810 DUALITIES NO. D-1052.4

DEC 1 9 1994

Mr. James: Ikeda, Director Office of Environmental Quality Control Central Pacific Plaza 220 South King Street, 4th Floor Honolulu, Hawaii 96813

Dear Mr. Ikeda:

SUBJECT: Maui Community Correctional Center

80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Four (4) copies of the Final Environmental Assessment for the proposed project are transmitted for publication in your OEQC Bulletin as a Negative Declaration.

If there are any questions, please have your staff contact Mike Shigetani at 586-0434.

Very truly yours,

GORDON MATSUOKA

State Public Works Engineer

MS/lh Enclosure FINAL

ENVIRONMENTAL IMPACT

ASSESSMENT

FOR

MAUI COMMUNITY CORRECTION CENTER

80 - BED WORK FURLOUGH CENTER

WAILUKU, MAUI, HAWAII

DAGS JOB NO. 15-27-6230

TMK: 3-8-46: 6

PREPARED BY

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

DIVISION OF PUBLIC WORKS

STATE OF HAWAII

DECEMBER 1994

FINAL

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ASSESSMENT

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STATE OF HAWAII

DECEMBER 1994

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PROJECT DESCRIPTION:

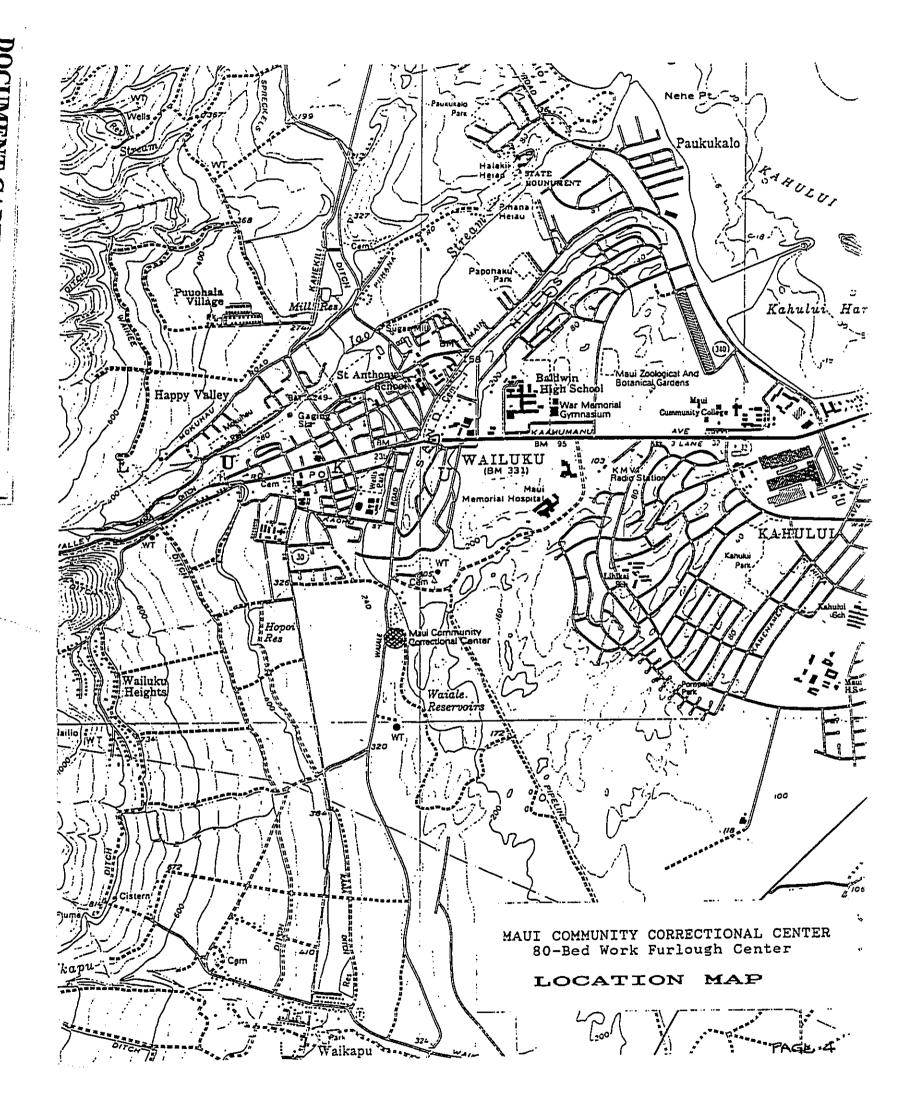
The Department of Public Safety proposes to construct a single-story wood structure to house 80 inmates as part of the community based work furlough program. It is to be located on the former County rifle range which was conveyed to the State as part of a land exchange agreement.

This project will support a reintegration program for Maui County residents attempting to re-enter their community after spending a long term in the State's prison system.

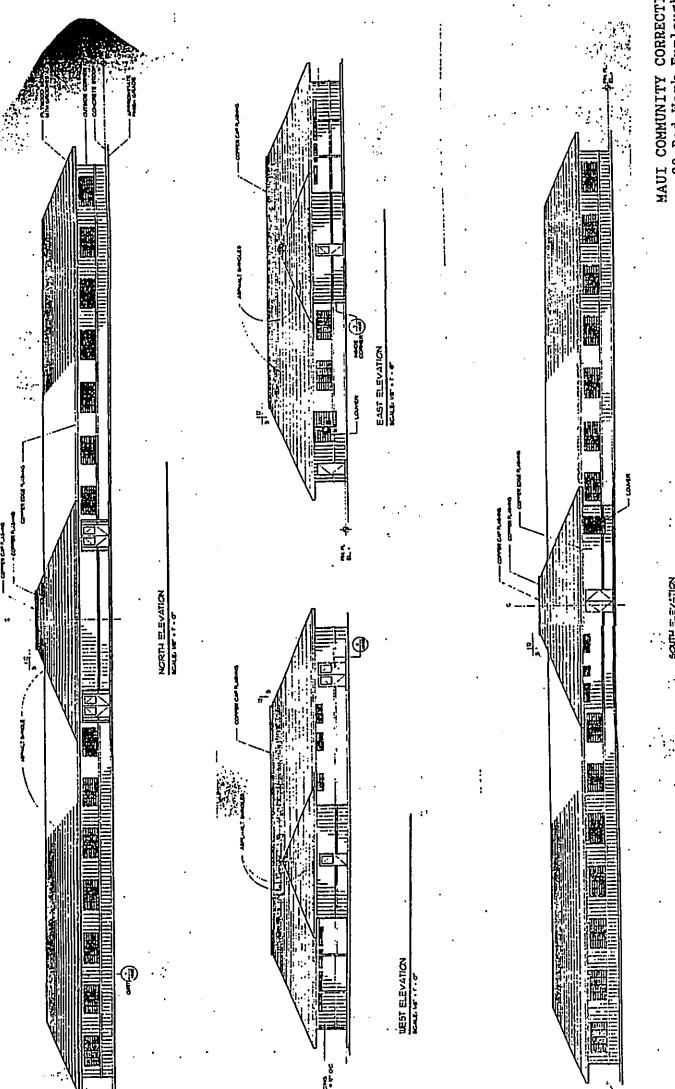
It is hoped that the facility will help alleviate the over-crowding in the prison system.

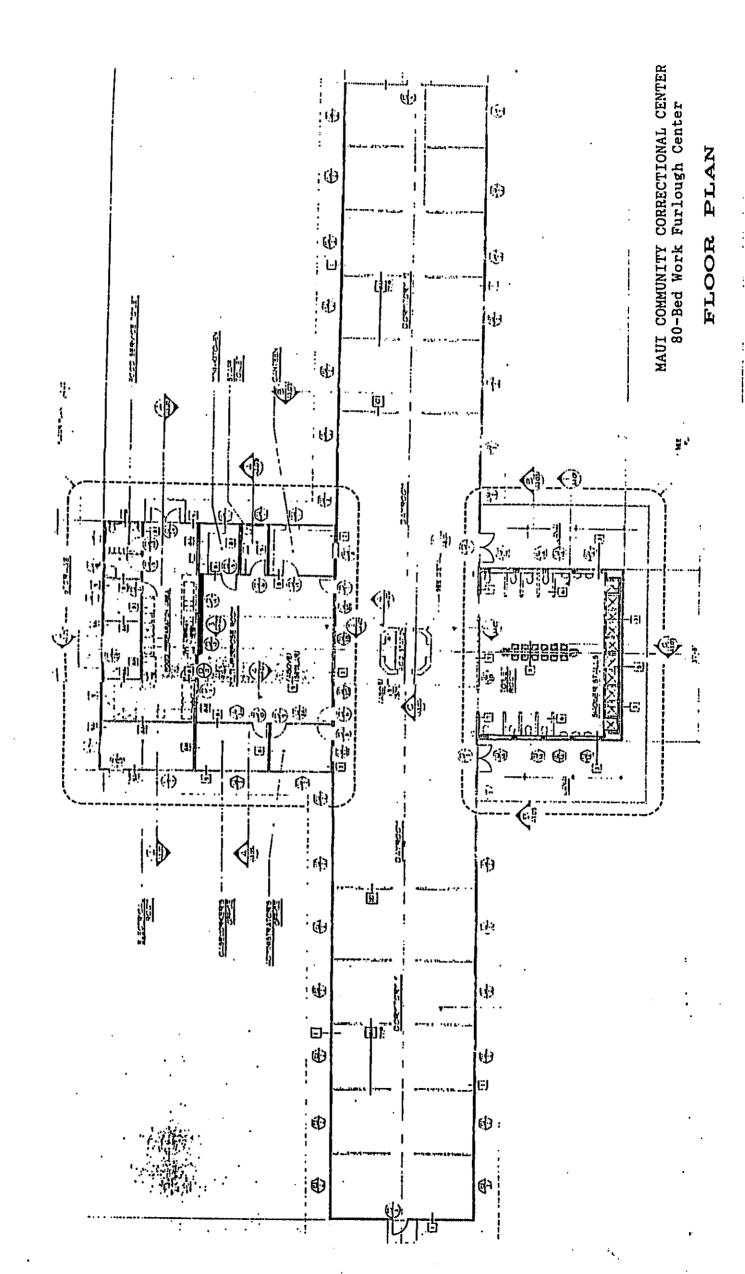
The facility will have sleeping/studying accommodations, a community-type restroom, a serving kitchen and a small recreation area. A 16-feet high chain link fence will be installed at the rear and along the side boundary adjacent to the County's "homeless" village.

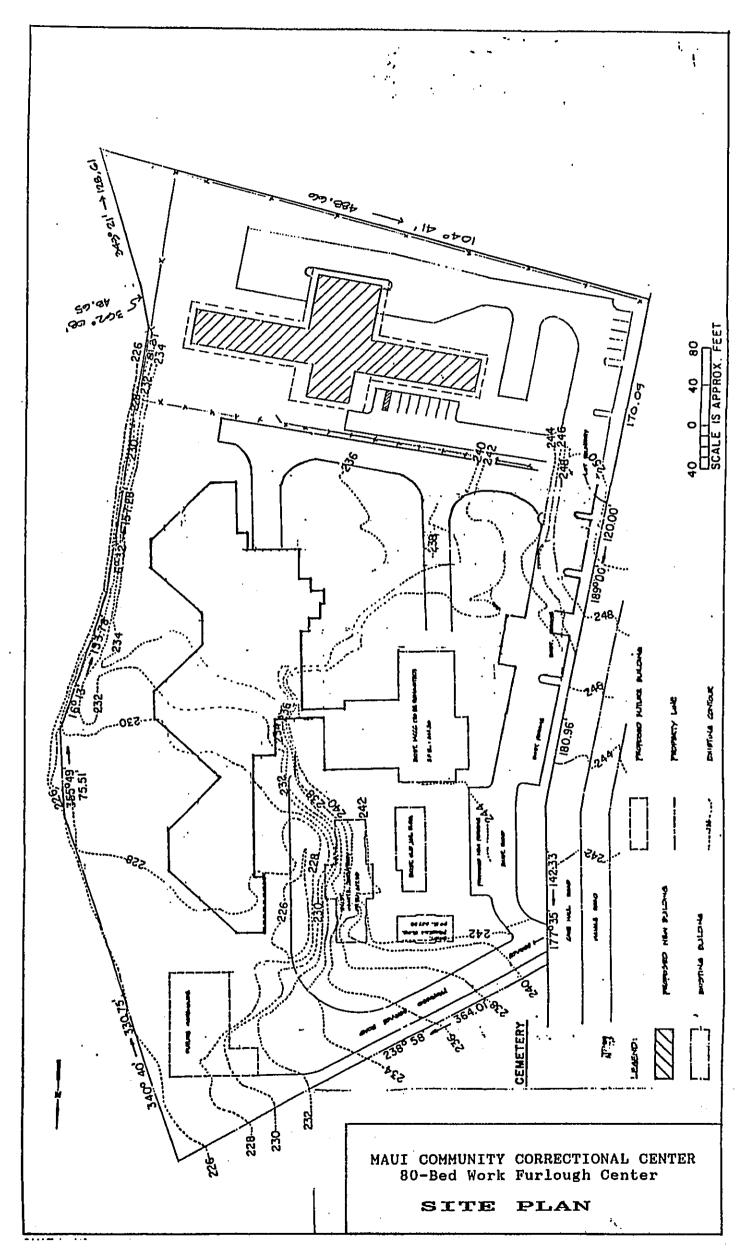
Fire protection and emergency power will also be provided.



MAUI COMMUNITY CORRECTIONAL CENTER 80-Bed Work Furlough Center







ENVIRONMENTAL SETTING:

General. The proposed facility is situated at an elevation of about 240 feet between the Maui Memorial Park Cemetery and the County's "homeless" village. The site is identified as Tax Map Key 3-8-46:Portion 6 occupying an area of approximately 2.211 acres.

Access to the site is by Waiale Road, a narrow two lane asphaltic roadway. Public use of the roadway ends just beyond the correctional facility. The balance of the roadway is restricted to use by Wailuku Sugar Company personnel.

At the easterly boundary of the property is Wailuku Sugar Company's Spreckles Ditch which drains into the Waiale Reservoirs. Water stored in these open reservoirs are used for irrigation by the sugar company.

Topography. The topography of the site is relatively flat due to previous grading by the County in developing the site into a rifle range and more recently by the State in anticipation of the proposed project.

<u>Flora</u>. Vegetation consists primarily of weeds and scrub grass. No significant flora was identified on the project site.

<u>Fauna</u>. During site visitations, only common species of birds were seen in the area: doves, barred doves, sparrows

and mynah. Other common species such as the cardinal and mijiro may pass through the area. Adjacent areas along the irrigation reservoirs may provide habitat for Hawaiian waterbirds, however, none were seen along the banks adjacent to the project site. Although not seen, other animal species that may be found in the area are rats and mongoose.

Soils. Soils at the site are classified as Iao silty clay (IaA) and Puuone sand (PZUE) by the Soil Conservation Service in their <u>Soil Survey of the Islands of Kauai. Oahu.</u>

Maui. Molokai and Lanai. State of Hawaii. (August 1972)

Iao silty clay is found in areas of 0% to 3% slopes and at depths ranging from 0- to 60- inches from the surface. The soil produces a slow runoff and erosion is no more than slight. The Iao series consists of well drained soils on valley fill and alluvial fans. This soil type is described to be fair for roadfill and to have a moderate shrink-swell potential.

The Puuone Series soils consists of somewhat excessively drained soils on low upland areas of Maui. These soils are derived from coral and seashells. They are moderately sloping to moderately steep. Puuone soils are geographically associated with Iao and Jaucas soils.

Puuone Sand, 7 to 30 percent slopes (PZUE), is found on sandhills near the ocean. In a representative profile the surface layer is greyish-brown, calcareons sand about 20 inches thick. This is underlain by greyish-brown, cemented sand. The soil is moderately akaline in the surface layer.

Permeability is rapid above the cemented layer. Runoff is slow, and the hazard of wind erosion is moderate to severe. Shrink-swell potential is described as low.

Flood Zone. The project site is located in an area designated as Zone C on the Federal Insurance Rate Map. Zone C is defined as an area of minimal flooding.

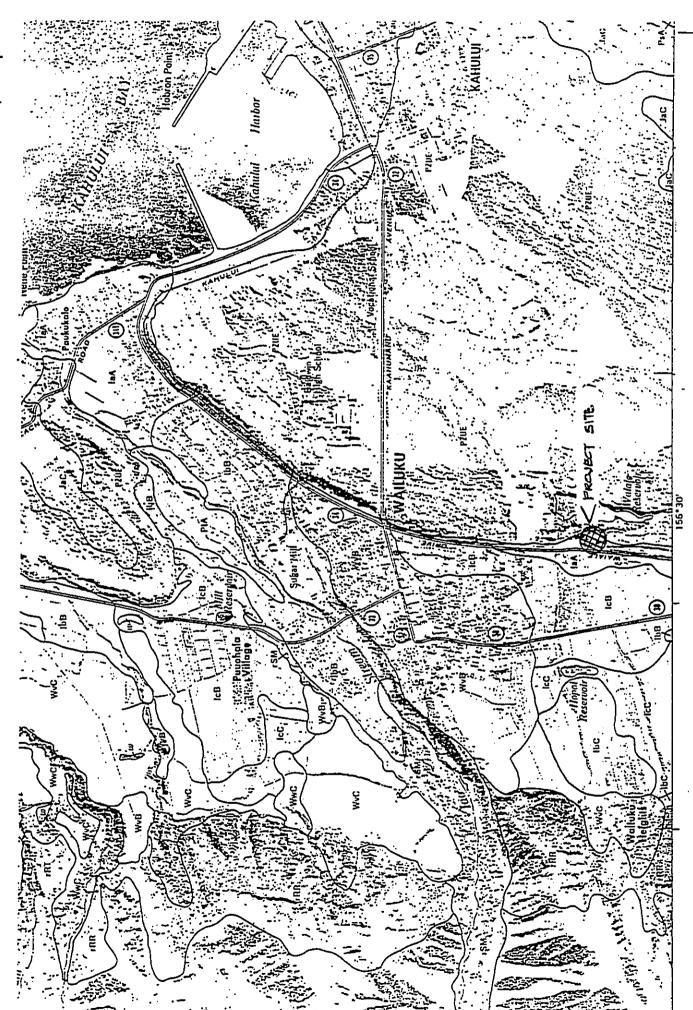
Historical. Although there are no known historical sites within the project site, the State Historic Preservation Office have documented burial sites within the general area. On the "homeless" shelter site burials were encountered during site development. Also, excavations by Maui County's Public Works Department encountered burials along Waiale Road. Based on the existance of burials within the surrounding area, the Historic Preservation Office suspects a high potential for other burial sites to be found in the area. As a precaution, an archaeologist will monitor the excavation phase of the work. Should any unforeseen archaeological or historical artifact or burial be encountered, excavation work will be temporarily stopped until a satisfactory resolution is obtained.

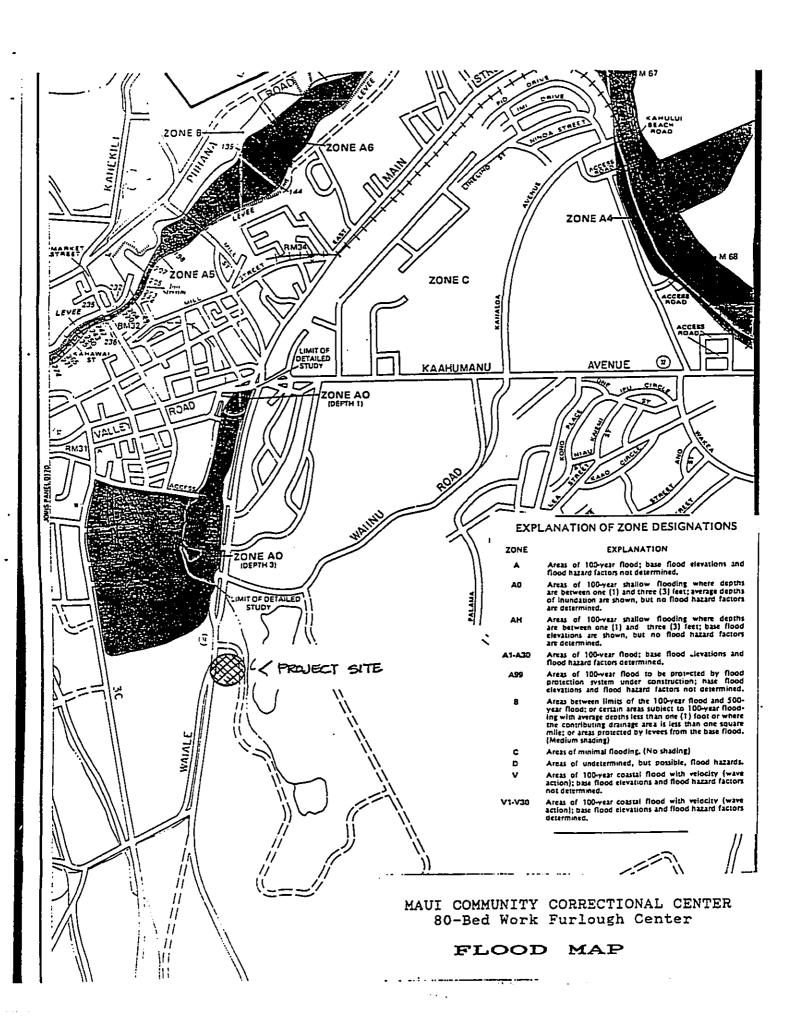
Traffic. Traffic impacts are not anticipated to be significant. Users of the roadway would be primarily personnel and visitors to the correctional facility as well as residents and visitors to the "homeless" village.

<u>Water Quality</u>. No significant impacts to water quality are anticipated. Wastewater will be discharged into the

J-Bed Work Furlough Ce SOILS MAP

MAUI COMMUNITY CORRECTIONAL CENTER 80-Bed Work Furlough Center





County's sewerage system while rainwater will be by an onsite leaching field.

Social. The project is not anticipated to have a significant impact to the social environment in the area. The 80-bed facility will be an extension of the existing correctional center. Inmates to be housed in this 80-bed facility will be classified as minimum security. This classification is based on an individual's behavior and length of time remaining before probation and is considered the final phase of incarceration before being released into the community. Inmates at this facility will be participating in the department's work furlough program where they do work in the community in groups or individually.

Supervision of the individuals in the work furlough program ranges from closely observed to casually observed. Individuals in the casually observed category are able to attend community college classes or work for a business unsupervised with occassional checkups by departmental staff. However, these individuals must return to the correctional facility by a specified time each day depending upon the activity the individual is involved.

Economic. The participants in the work furlough program will contribute to the island's economy by performing work and earning wages. Although this may not have a significant economic impact, it will help make the individual a useful contributor to the island's work force upon release to probation.

PROBABLE IMPACT ON THE ENVIRONMENT

There will be a temporary increase in noise and air pollution for the duration of the construction.

Noise above the normal would comply with the noise regulations of the Department of Health, State of Hawaii. Activities generating noise above ambient levels would include site grading, hauling of materials and equipment, and general carpentry.

Air pollution levels would increase, though not significantly, from dust generated during grading operations, sawing operations, and exhaust emissions from vehicles and equipment.

No burning of construction debris will be permitted on the project site. All debris must be hauled to an approved sanitary landfill.

As the project site is located near the bottom of a knoll, the proposed building is not anticipated to significantly obstruct viewing planes from the adjacent "homeless" development.

Although the proposed building will increase surface run-off, an on-site catchment system will be constructed to retain any excess runoff above the natural conditions.

"Ka Hale Ake Ola" homeless shelter located adjacent to the project site is not anticipated to be adversely affected. The shelter is made up of 17 single story, wooden buildings. Twelve of the buildings will provide shelter for 30 family units and one will be for singles. The other buildings will be used for providing child care, a thrift and food bank, kitchen and dining, and administration. A 16-foot, high fence will be installed along the common boundary to separate the projects.

SHORT TERM IMPACTS

The short term, construction-related, impacts will be temporary and localized. The use of the non-productive land will close future options of the use of this land until such time that the facility is no longer needed or is abandoned. However, the project's benefits to society in terms of community welfare and inmate health and safety will be enhanced and preserved with the implementation of the new 80-Bed Work Furlough Center. These intangible benefits are deemed necessary and outweigh the short-term impacts and temporary closure of land to future uses.

MITIGATIVE MEASURES

The proposed project is not anticipated to have any adverse environmental impacts other than those associated with the construction activities. To mitigate construction impacts, the contractor will be required to comply with all applicable pollution control requirements of Federal, State, and County agencies. This applies, but not limited to, noise pollution, air pollution, and water pollution.

Should any unrecorded burial sites or historical sites be encountered, work in the immediate area will be temporarily stopped. The State Historic Preservation Office will be notified and if applicable, the Maui/Lanai Islands Burial Council. No work will recommence until a satisfactory resolution, acceptable to all affected agencies and/or organizations is obtained.

ALTERNATIVES:

NO ACTION. This action will keep the "status quo". The prison system will remain over-crowded and not comply with the conditions issued by the District Court in response to a suit by the American Civil Liberties Union.

ANOTHER SITE. There are no immediately available State lands that would be able to accommodate the proposed facility on Maui. The lengthy process of potential condemnation proceedings and designing the facility to fit the terrain was a factor in not considering this alternative.

SEPARATE FACILITY. Land immediately adjacent to the Maui Community Correctional Center was conveyed to the State as part of a land exchange agreement with the County of Maui. This site would allow the Department of Public Safety to concentrate the confinement of inmates at one location, permit more flexibility in use of departmental personnel, and would also provide for more bed space in the prison.

RELATIONSHIP OF PROPOSED ACTION TO LAND USE PLANS, POLICIES AND CONTROLS:

The project site is in an area designated as "Urban" on the State Land Use Map.

Maui County establishes policies relating to developments within the Urban zone. To implement these policies, the County has developed a General Plan which guides development on the island. The site was originally zoned M-1 (Light Industrial) and Agriculture by the County, but has recently been rezoned to Quasi Public on their Community Plan.

The site is not within any Special Management Area established by the County.

Height limitations established for the project site is a maximum height four (4) stories or 48 feet. The proposed building is not anticipated to exceed these limits.

IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

Other than the commitment of labor and materials to construct the 80-bed facility, no cultural or natural resources surrounding the project site will be affected by the proposed action.

UNRESOLVED ISSUES

There are no known unresolved issues associated with this project.

DETERMINATION

The proposed project is not anticipated to have any adverse environmental impacts to any endangered flora and fauna, land use, surface and groundwater, air and noise pollution, scenic views, or the social/cultural heritage of the area.

An issue which will be addressed during construction is the possibility of unrecorded grave sites in the area. To mitigate this unforseen condition, the State will have an archaeologist monitor all subsurface work.

Copies of the assessment were sent to various governmental agencies and community organizations for their review and comments. Only three responses were received and are appended to this document.

Based on the comments received and environmental concerns discussed in the assessment, it has been determined that it is appropriate to file this environmental assessment as a Negative Declaration.

LIST OF APPROVALS:

- 1. Building Permit
 - a. Sewage flow calculations
 - b. Hydrology report
 - c. Drainage and soil erosion report
 - d. Energy Code compliance
 - e. Domestic water calculations
 - f. Fire Flow calculations
- 2. Electrical Permit
- 3. Plumbing Permit

LIST OF CONSULTED AGENCIES/ORGANIZATIONS

	Date Sent	Date Comment Rec'd
The Judiciary Aliiolani Hale 417 So. King Street Honolulu, Hawaii 96813	8/6/93	***
Department of Agriculture 1428 South King Street Honolulu, Hawaii 96814	8/6/93	***
State Historic Preservation Division Department of Land and Natural Resources 1151 Punchbowl Street Honolulu, Hawaii 96813	8/6/93	7/20/93 10/20/94
Department of Health Environmental Management Division 500 Ala Moana Boulevard Five Waterfront Plaza, Suite 250 Honolulu, Hawaii 96813	8/6/93	9/28/93
University of Hawaii Water Resources Research Center 2540 Dole Street, Holmes Hall 283 Honolulu, Hawaii 96822	8/6/93	***
University of Hawaii Environmental Center 2550 Campus Road, Crawford 317 Honolulu, Hawaii 96850	8/6/93	***
U.S. Department of Agriculture Soil Conversation Service P.O. Box 50004 300 Ala Moana Boulevard Honolulu, Hawaii 96850	8/6/93	8/24/93
U.S. Department of the Interior Fish and Wildlife Services P.O. Box 50156 300 Ala Moana Boulevard Honolulu, Hawaii 96850	8/6/93	9/29/93

County of Maui Planning Department 200 South High Street Wailuku, Hawaii 96793	8/6/93	***
County of Maui Department of Parks and Recreation 200 South High Street Wailuku, Hawaii 96793	8/6/93	***
County of Maui Department of Public Works 200 South High Street Wailuku, Hawaii 96793	8/6/93	9/14/93
County of Maui Department of Water Supply 200 South High Street Wailuku, Hawaii 96793	8/6/93	9/13/93
County of Maui Economic Development Agency 200 South High Street Wailuku, Hawaii 96793	8/6/93	***
Maui Malama Pono P.O. Box 1297 Makawao, Hawaii 96768	8/6/93	Undlvbl
Maui Tomorrow P.O. Box 428 Honolulu,Hawaii 96768	8/6/93	Undlvbl
Native Hawaiian Plant Society P.O. Box 5021 Kahului, Hawaii 96732	8/6/93	***
Sierra Club Hawaii Chapter Maui Group P.O. Box 2000 Kahului, Hawaii 96732	8/6/93	***

*** Denotes no response received and assummed no comments to offer

undlybl = indicates undeliverable

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SEP 1 1 1993

Mr. Robert P. Smith Fish and Wildlife Service U.S. Dept. of the Interior P.O. Box 50167 Honolulu, Hawaii 96850

Dear Mr. Smith:

Environmental Assessment for Subject:

Maui Community Correctional Center

80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment.

We will include a statement on the absence of rare and endangered plant and animal species as well as the absence of wetlands within the project area in the final assessment.

All stormwater runoff will be collected and discharged into an on-site leaching system.

Should you need additional information, please contact Mike Shigetani, project coordinator, at 586-0434.

Very truly yours,

GORDON MATSUOKA

State Public Works Engineer

MS/lh



United States Department of the Interior



FISH AND WILDLIFE SERVICE Pacific Islands Office

P.O. Box 501.67pt 1110 Woods Honolulu, Hawaii 96850 or FOR 111	h 17:
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SEP 2 8 1993

In Reply Refer To: AAP

Mr. Gordon Matsuoka
Department of Accounting and General Services
State of Hawaii
P. O. Box 119
Honolulu, Hawaii 96810

Re: Environmental Impact Assessment for Maui Community Correctional Center 80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Dear Mr. Matsuoka:

The U.S Fish and Wildlife Service (Service) has reviewed the Environmental Impact Assessment (EIA) for the Maui Community Correctional Center 80-Bed Work Furlough Center, Wailuku, Maui, Hawaii, and offers the following comments for your consideration.

Although the existing vegetation at the project is described in the EIA, we recommend including statements in the FLORA and FAUNA sections of the document citing the absence of rare and endangered and threatened plant and animal species, respectively. Similarly, the absence of wetlands should be referenced within a WATER RESOURCES section.

The EIA site plan indicates a proposed new parking area for the project. However, the EIA and site plan do not specify the actual number of parking stalls that will accommodate the furlough center. Increases in on-site paved areas for parking may increase storm water discharges within the property. Although the WATER QUALITY section mentions that rainwater will be handled by an on-site leaching field, the Service recommends that the leaching field be adequately designed to handle all storm water runoff for the project.

Based on the information presented in the document and to the best of our knowledge, the Service believes that the proposed project will not adversely impact fish and wildlife resources within the project area.

Based on the information presented in the document and to the best of our knowledge, the Service believes that the proposed project will not adversely impact fish and wildlife resources within the project area.

We appreciate the opportunity to provide these comments. If you have questions or need further assistance, please contact Arlene Pangelinan (808/541-3441).

Sincerely,

Robert P. Smith Field Supervisor

Pacific Islands Office

SIGHTER AND UNITED SHIPE AUG 2 5 1993

Scil Conservation Service

P. O. Box 50004 Aug. 24 3 55 Apr 193 98850-0001 DIP, OF PH.

RECEIVE

August 23, 1993

State of Hawaii Dept. of Actg. & Gen. Services P.O. Box 119 Homolulu, Hawaii 96810

Dear Mr. Matsucka:

Mr. Gordon Matsuoka

Mr. Nathaniel R. Conner Acting State Conservationist Soil Conservation Service U.S. Department of Agriculture P.O. Box 50004 Honolulu, Hawaii 96850-0001

Dear Mr. Conner:

Subject: Environmental Impact Assessment for Mauf Community Correctional Center 80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment.

Soil erosion measures to reduce dust transport are being incorporated in the grading and landscaping plans for the project.

gula Batter bu Very truly yours,

GORDON MATSUOKA State Public Works Engineer

OCT 6 1993

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DIV. OF PURICE WORKS

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Subject: Environmental Impact Assessment for Mauf Community Correctional Center 80-Bed Work Purlough Center D.A.G.S. Job No. 15-27-6230

We have completed our review of the Assessment and have no major concerns about this proposed project. It is recommended that site grading incorporate soil arcsica measures to reduce dust transport from the project site. We appreciate the opportunity to provide comment. Should you have any questions please contact Heal Pujiwara, Walluku Pield Office, District Conservationist at (808) 244-2939.

HATHMER R. CORNER A. L. CORNER A. L. T. State Conservationist

co: Heal Pujivara, District Conservationist, SCS Mailuku Field Office.

MS/1h

JOHN WADKEE GOVERNOR OF HAWAII



STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION 33 SOUTH KING STREET, 6TH FLOOR HONOLULU, HAWAII 96813

July 20, 1993

Public Works Design Branch Department of Accounting and General Services

KEITH AHUE, CHAIRPERSON BOARD OF LAND AND NATURAL RESOURCE

JOHN P. KSPPELER II DONA L. HANAIKE

. : AQUACULTURE DEVELOPMENT PROGRAM

AQUATIC RESOURCES

CONSERVATION AND

ENVIRONMENTAL AFFAIRS CONSERVATION AND
RESOURCES ENFORCEMENT

CONVEYANCES

FORESTRY AND WILDLIFE

HISTORIC PRESERVATION DIVISION LAND MANAGEMENT

WATER AND LAND DEVELOPMENT

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L. Orial Cent Page

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LOG NO: 8909 DOC NO: 9307AG24

Don Hibbard, Administrator fo

Mike Shigetani

SUBJECT:

FROM:

TO:

MEMORANDUM

Historic Preservation Review of the Proposed Maui Community

Correctional Center 80-Day Bed Work Furlough Center - Preparation
of an Environmental Assessment of an Environmental Assessment Wailuku, Maui TMK: 3-8-46: 6

This responds to your request for information to be used in the preparation of an environmental assessment for this project.

A review of our records indicates the absence of historic sites within this parcel. However, the adjacent parcel to the south (parcel 21) contains site 50-04-2916 consisting of the burials encountered during the construction of the Maui Homeless Shelter. One intact primary burial and previously disturbed remains of two individuals were identified. In addition, recent excavations by Maui County Department of Public Works along Waiale Road have encountered two burials. No evidence of habitation sites has been found in the area. Based on previous findings from adjacent areas, it appears that the likelihood for burials to be present in this parcel is high.

You have mentioned on the telephone to Annie Griffin of our staff that the EA will propose monitoring during construction work as a form of mitigation. We believe that an archaeological survey by systematic subsurface testing is necessary to determine the presence or absence of historic sites. It is best to have this work completed as early as possible of the project planning process so that the Maui/Lana'i Islands Burial Council can make a determination of the appropriate treatment of burials, if present. A copy of the report should be submitted to our office for review and comments. the report should be submitted to our office for review and comments.

Please contact Ms. Griffin at 587-0013 if you have any questions.

AG:111

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S. Sun Service
P. W. Service
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D-1048.4

DEC 15 1994

Hr. Don Hibbard
Administrator
Dept. of Land & Natural Resources
Historic Preservation Division
State of Hawaii
Gonolulu, Hawaii

Dear Mr. Hibbard:

Subject: Maul Community Correctional Center 80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment,

As indicated in your memorandum of October 30, 1994, we are in the process of hiting a qualified archaeologist to monitor the excavation activities. The archaeologist will prepare an archaeological monitoring report which will be submitted to you for review and approval.

Should you need additional information, please contact Mike Shigetani at 586-0434.

gorbu Mathewhere Very truly yours,

GORDON MATSUORA State Public Works Engineer

%S/1h

October 20, 1994 or the bock of the bock o DEPARTMENT OF LAND AND NATURAL RESOURCES STATE OF HAWAII The state of the state of DESIGN SHANCH DEW DAGS

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STATE HISTORIC PRESENVATION DATEMENT. CEL 1.07 HEISE 1971 (1972) AS SOUTH MING STREET, STH FLOOR HONOLING, HAWAR 19815 (1976) IN P.R. INST. THE P.R. INST.

Mike Shigetani, Public Works Design Branch Department of Accounting and General Services.

Don Hibbard, Administrator State Historic Preservation Division

FROM:

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Bistoric Preservation Review of the Proposed Maul Community Correctional Center Work Furlough Center Walluku, Walluku District, Island of Maul TMR: 3-8-16: 6 SUBJECT:

This is a follow-up of our prior comments regarding the Environmental Assessment for the proposed construction project at the Mani Community Correctional Center (Memo dated July 20, 1993). In our prior review of the project, we indicated that a subsurface survey would be needed of the area prior to construction of the proposed facility. We have since reviewed the construction plans and conducted a field inspection of the proposed building site.

The construction plans call for a combination of cutting and filling within the project area, and excavation for water lines, footings, and so an. In general, the extent of cutting varies from one to two feet. The proposed building in to be located on the este of a former shooting range, and has been cut considerably below grade in order to provide safety for surrounding areas. Due to the present condition of the project site, it does not appear highly likely that undisturbed human burials are present. There is, however, a possibility that isolated burials or previously disturbed human remains are present.

Given this new information, we believe that the project will have "no effect" on significant historic sites, if a contingency plan is used to deal with the possibility of isolated burials being found. For this plan, we recommend that excavation activities within the project area be monitored by a qualified archaeologist. This archaeologist could be on-call, and need not be on site at all

Mike Shigetani Page 2

cimes. If human remains are encountered during construction, all activity in the vicinity of the find should cease and the findings should be reported to the State Historic Preservation Division immediately. The monitoring archaeologist will undertake mitigation measures as determined by the State Historic Preservation Division. A report of the monitoring and any additional archaeological work should be submitted to the State Historic Preservation Division for review and approval.

JNDA CROCKETT LINGLE Hange

CHARLES JENCIAS
CONTRACTOR SERVICES
CONTRACTOR REPEIVEN GEORGE R. KAYA Director



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DIV. OF FUNDER WORKS COUNTY OF MAUI BORIWEN SEP | 5 1933

THATON ON COUNTY FINE AND	Christy B. Free Construction Co
CAND USE AND CODES ADMINISTRATION 250 SOUTH HOCH SINEET WALLEN, HAWAR 96793 September 9, 1993 —	and General
SEP 1 5 1933	Mr. Gordon Matsuoka State of Hawaii Department of Accounting and General Services P.O. hox 119

Environmental Impact Assessment HAUI COMMUNITY CORRECTIONAL CENTER - 80 BED WORK FURLOUGH HI 96810 P.O. Box 11 Honolulu, F SUBJECT:

CENTER TWK: 3-8-46:6 D.A.G.S. JOB NO. 15-27-6230

Dear Mr. Matsuoka:

We reviewed the subject environmental impact assessment and have the following comments:

- 1. Comments from the Engineering Division:
- Vehicular access to this site shall be from the existing driveway. No additional access onto Waiale Road will be allowed.
- Applicant shall construct an "on-site" drainage system as approved by the Department of Public Works. ۵.

The applicant is requested to contact the Engineering Division at 243-7745 for additional information.

- Comments from the Wastewater Reclamation Division: 7
- The developer should be informed that Wastewater Reclamation Division cannot insure that Wastewater system capacity will be available for the project.
 - Mastewater contribution calculations are required before building permit is issued. ġ.

Mr. Gordon Matsuoka Page 2 of 2 September 9, 1993

- Developer may be assessed impact fees for treatment plant expansion costs.

 Developer is required to fund any necessary off-site improvements to collection system and wastewater pump stations.

 Indicate on the plans the ownership of each easement (in favor of which party). Note: County will not accept sewer easements that traverse private property. ..
 - . •

The applicant is requested to contact the Wastewater Reclamation Division at 243-7417 for additional information.

- Comments from the Solid Waste Division:
- The owners and their contractors shall implement solid waste reduction, re-use and recycling programs to reduce the amount of solid waste to be disposed of at the County landfills.
- b. All yard debris shall be composted and re-used on their landscape plantings.

 C. Alternative means of disposal of grubbed material and rock shall be utilized other than disposed of at the County landfills.
 - d. Refuse collection shall be by a private collector.

The applicant is requested to contact the Solid Waste Division at 243-7875 for additional information.

- Comments from the Land Use and Codes Administration: 4
- The proposed wooden structure is not permitted by the building code. Construction shall conform to Type II fire resistive construction.
 The proposal is required to be submitted to the Commission on Persons with Disabilities.

The applicant is requested to contact the Land Use and Codes Administration at 243-7373 for additional information.

Very truly yours,

GEORGE N. KAYA Director of Public Works Dens O lar

RMN:0y 1293£:Page 59-60 xc: L.U.C.A. Enginearing Division Solid Waste Division Wastewater Reclamation Division

(3)

D-786,4

Hr. George N. Kaya, Director County of Haul Dept. of Public Works & Waste Management 250 South High Street Walluku, Maui, Hawail 96793

Dear Mr. Kaya:

Subject: Environmental Impact Assessment for Maul Community Correctional Center 80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment and offer the following response to them:

- Vehicular access will be from the existing driveway.
 There will be no additional access required onto Haiale Road.
- An on-site drainage system will be constructed similar to the one designed for the Haui Community Correctional Center's Expansion/Renovation, Phase I project.
- Although we are proposing connection to the County's wastewater system, we understand that you cannot insure that the wastewater system will have the capacity to accommodate the flows generated by this m;
- Mastevater flow calculations will be submitted with the Building Permit Application.
- We acknowledge that impact fees and assessments for off-site improvements may be imposed by the County. 'n
- At present, wastewater is proposed to be discharged into the renovated wastewater system of the expansion/renovation project. No easements are required. 9
 - A solid waste reduction program will be implemented to reduce the amount of solid waste disposed at County landfills. ۲.

Mr. George Kaya Page Two

- 8. A private contractor will be hired for refuse collection.
- The proposed facility is designed as a dornitory type facility and not as a correctional facility as defined in the Building Code. The basis for this is that the occupants (inmates) are not in a fully secured facility and could attend night classes as well as work for businesses under minimal supervision. The State Department of Public Safety concurs that the facility cannot be upgraded to a medium security facility. ď
- The plans and specifications for the project has been coordinated with the Commission on Persons with Disabilities. 10.

Should you need additional information, please contact Hike Shigetani, project coordinator, at 586-0434.

very truly yours,

gula dittal

GORDON MATSWORA State Public Works Engineer

MS/1h . . cc: Dept. of Public Safety (John Borders)



REPENEL

SIP 13 9 51 48 198 DEPARTMENT OF WATER BUPPLY

DIV. 01 F. 20-30 M. JAKO. DAGS

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Gordon Matsuoka September 2, 1993

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State Public Horks Engineer
Department of Accounting & General Services
State of Havail

DAGS # 15-27-6230

P. O. Box 119 Honolulu, Hawaii 96810

Dear Mr. Matsuoka:

Re: MAUI COMHUNITY CORRECTIONAL CENTER (ENVIRONNENTAL ASSESSMENT) THK 3-8-46:06, WAILUKU

We have little to add to the subject EA. He would normally request that an applicant address water consumption issues in such a document. However, based on the attached correspondence, we will require the appropriate calculations at the time of the building permit application.

The project, if approved, will be served by the Iao Aquifer which is approaching allowabale withdrawal. Therefore, the domestic uses of the project may not be available until such time as a new source for the Central Haui system is developed.

We recommend the use of water-efficient planting and irrigation techniques where landscaping is intended. Guidance may be found in the attached document or in the Maui County Planting Plan.

Darid'R. Craddick Disector Luyton C ncerely,

DDS:ELK:ab Enclosures

"By Water All Blings Sud Life"

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Department of Mater Supply
County of Maul
P.O. Box 1109
Wailuku, Maui, Hawaii 96793-7109 Mr. David Craddick Director

Dear Mr. Craddick;

Subject: Environmental Assessment for Maui Community Correctional Center 80-Bed Work Purlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment and for the Xeriscape information.

In response to your comments, we offer the following:

Water consumption calculations will be submitted with the Building Permit Application.

Water-efficient planting and irrigation will be incorporated in the project as well as the use of water conservation devices in the plumbing system. ;

We acknowledge that the Iao Aquifer is approaching its allowable withdrawal capacity and that future water demand may be dependent upon development of a new source for Central Haul. m,

If you need additional information, please have your staff contact Mike Shigetani, project coordinator, at 586-0434.

Very truly yours,

G GORDON MATSUOKA State Public Works Engineer

V5/1h

XERISCAPE

Hater Conservation Through Creative Landscaping

Xeriscape Defined
Seven Water Conservation Fundamentals
Planning and Design
Soil Improvement
Efficient, Zoned Irrigation
Limited Turf Area
Use Of Low Water-Demand Plants
Appropriate Maintenance
Community Water Management

KERISCAPE

The Department of Mater Supply :s fazed with increasingly dore difficult decands regarding water-its supply, quality, distribution, purification, management, and associated cists. Fotable water is becoming series and the cists of building delivery systems and water treatment plants prohibitive. Consequently, there is a need to conserve water, not only during droughts, but to reduce demands of peak loaning on systems in an attempt to delay construction of larger, appensive facilities. Gasources.

Mater conservation takes on two broad aspects. First, efficient manipulation of physical factors in the landscape — delivery and irrigation systems, soils, percent hardscape used in a design, plants, aicroclimates, hulch, acc. Secondly, the people factors, which are often more important.

The incorrect perception that water is "ineap" or "inexpensive" has led to the ideas that the mater supply is not finite and that it flows towards money. This in turn has fostered a national constitueness that high mater use landscapes are normal, desirable and acceptable. Little has been done to change this mind set, particularly as it relates to mater conservation in the landscape.

With the increased, continuous demand for high quality water exceeding supply of both surface and below ground sources, a new, philosophy for conservation must be enquadered: billing sust reflect the real costs of water and people must learn and practice the "whys" and "hows" of water conservation. This is why Xerracaps began.

Xeriscape Dafined

XERISCAPE (:ir' i scap) is an integrated appreach to landscape water conservation. Xeriscape was coined from the Greek word "sero" for dry. Thus, Xeriscape means dryscape or low water use landscaping. Xeriscapes are designed through wise planning, plant and construction materials selection, and proper installation to provide beautiful, water efficient, iow maintenance landscapes.

In Hawailan E' Malama Wai meaning "Cherish Cur Water" is used to refer to Aeriscaping.

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activity dictates landscape water use. This includes all list. whether functional or sestheric. Thayer and Pichman Colord interesting the type and interesty of husan term "hydrozone" to describe the type and interests of activity in the language and identified four classes of hydrozones. These will be discussed under the heading "Efficient, loned Irrigation".

Soil Improvement

Remidential soils can be difficult soils to manage because they have been badly disturbed by construction and urban activities. Normal soil horizons are mixed unevenly both vertically and horizontally. Often, hardpans exist and impedentially and horizontally. Often, hardpans exist and impedentionable, and most urban soils have been compacted by heavy drainage, and most urban soils have been compacted by heavy properties plants require for growth are present at less than properties plants require for growth are present at less than properties plants require for growth are present at less than properties in urban soils. Soil improvements correct optimal sevels in urban soils. Soil improvements und improve the providing adequate water holding capacity and improving the these requirements and improve tilth, making it sessist to till the soil and manage weeds. Adding 3-5 cubic vards of well the soil and manage weeds. Adding 3-5 cubic vards of well the top B-12 inches of soil is recommended.

Other amendments such as lime be added to adjust an undesirable acid soil condition. These adjustments should be made prior to planting.

Efficient, Zoned Irrigation

matching the amount of water supplied to each plant with the plant's water requirement is the most efficient way to irrigate.

Until recently this was difficult to do and nost landscapes were irrigated to meet the needs of the curfgrass or other plants with high water requirements. Sprinklers cover large areas without regard to the water needs of individual plants. To aliminate waste by overwatering and run-off, group plants according to their water requirements and use coned irrigation systems to deliver water to individual plants or to plants with systems to deliver water to individual plants or to plants with similar moisture requirements (Figure 10-2). Fewer plants will similar moisture or die from overwatering.

Hany have aistead the cerm as generative would imply notestate or no language plantings. Others mave equated meriscabe landerapide with more considered with many of which are not sestherically plassing and may not always conserve water or energy. Societapes are harsh, produce plars, and do littly to prevent noise and air pollution, making them a poor substitute for Yeriscape landscaping.

Seven Hater Conservation Fundamentals

The Xeriscape motto, "Water conservation through creative landscaping," provides the umbrella under which a wide variety of landscape water conservation activities may be taught and employed in a Community. And although there are many ianoscape and horticultural techniques that conserve water, Xeriscape programming has focused on seven proach

- Soil improvement Efficient, Coned Irrigation Efficient, Coned Irrigation Use of Mulchas Use of Mulchas Hater Demand Plants Appropriate Maintenance 1. Planning and Design 2. Soil Improvement 3. Efficient, formed Irriq 4. Limited Turf Areas 5. Use of Mulches 6. Use of Low Water Demen 7. Appropriate Maintenand

Planning and Design

Architects, planners, and homeowners are encouraged and taught to incorporate standard design elements of function. Circulation, topography, exposure, seasonal color, texture, safety, early an analyse and new designs with earlety, etc. into existing landscapes and new designs with conscious or conserving, limiting and/or remaing water, 40% to Appropriate design and planning can provide these very necessary Appropriate design and planning can provide these very necessary sepects of urban life and conserve water at the same time. Xeriscapes of urban life and conserve water at the same time, and avoid the costly clean-up resulting from a "boom and bust" water avoid the costly clean-up resulting of landscapes and turigrass policy. Tree removal, replanting of landscapes and turigrass fleids are eliminated and real savings to Maui County.

Thayer and Richman (1984) suggest that designing water—conserving landscapes should be considered in two parts. First, the physical ecclogy of plants and plant communities must be integrated within the microcilmates of the landscape. Logically, plants best adapted to the climates of the landscape, sun, wind, and plants best adapted to the climate, temperatures, sun, wind, and physical musnces of the site thrive best and require the lasst expenditures for water, energy and maintenance. Secondly, landscape designers must accept that there is a "human acology" of water use in landscapes. That is, the intensity of human

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Limited Turi Area

Turfgrasse plays a primary role in most landscapes.

Turfgrasses make excellent ground covers. They tolerate heavy foot traffic in the backyard, at the park, or on the sthictic field. And mowed or undowed, they stabilize slopes and provent erosion. They serve to unify designs and instill a sense of pride in home and nelighborhood when well kept. Morever, Turfhelps keep homes and communities cleaner by reducing particulate approximately half the landscape water and requires weelly, alon consider approximately half the landscape water and requires weelly care, as well, aquipment, pest control and periodic cultural practices, such as coving or dethacking contribute to the expense, both in time and money, of maintaining a lawn.

Not only are irrigation comes esticiched to west the physical or ecological water heads of plants, but Xerische landscaping also recognics that human accounty will impact that water needs. Theyer and Richman (1984) describe this irrigation coming to match man's activity as hydrocome planning, and they define four irrigation regimes (Figure 10-3).

The Principal Hydrozone represents the area with the greatest human activity and consequently the greatest hater and energy use: sites in yards, parks, and play fields where peopla frequently, play, sit, walk, gather, or relax; places where paople requistly contact plants.

The Secondary Hydrozone is less physically impacted by humans, but is visually important: areas of passive activities space delineation or focal interest such as flower and shrub beds, entrances, prominent plantings, etc; areas of high visual impact, but seldom touched by humans.

Buffer cones, distant views, median strips, parkays, and embankments-these make up the third hydrocons, called the dinimal Hydrocons. In this case, plants are selected that need minimal supplemental water to survive the natural climatic conditions.

The Elemental hydrocone constitutes iandscape plantings that require only natural precipitation to survive and seldom, if ever, incur human activity. Utility areas, mulched native plantings, and naturally sustainable, exotic vegetation belong to this hydrozone (Figure 10-4).

Flaxible sprinkler heads and nozzles, adjustable dulivery rates and coverage, nodern valves, and automated controllers these allow greater water conservation through zoned irrigation. On-off watering is easily programmed to match water infiltration rates into soils, thus avoiding surface runoff. Also, water is better applied to meet specific plant needs as impacted by seasonal human activity and changes in the weather.

Collection systems should be designed and constructed throughout the landscape to gather storm runoff from rcofs, walks, drives, and slopes. By grouping high or accente water requiring plants near swales and collection basins, such of their water needs can be met by natural moisture accumulations rather than irrigation. On the other hand, drought tolerant species may succeed to frequent accumulations of water and should be located on southern exposures or at the tops of alopes. Secause they often only require supplemental irrigation during establishment or during a severe drought, a permenent irrigation system may not be needed.

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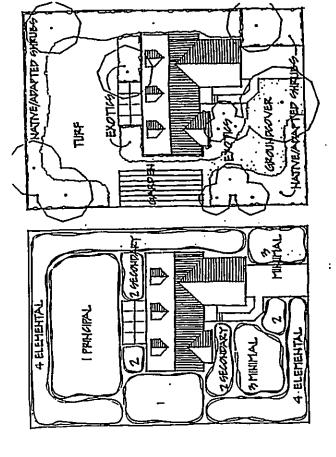


Figure :0-3. Hydrozone Concept Applied to Suburban Lot

Turf should be limited by design to high-use areas in landscapes and separated from other plantings with different water needs. After reviewing the landscape plans, classify the turf areas as either passive or active use and seed and irrigate accordingly. Plant drought-tolerant species with poor resistance to heavy traffic in less-frequented sites.

Not only should the total turf areas be reduced in a landscape, but the perimeter measurement also must be reduced as much as possible. Long, narrow strips of turf are diffcult to properly mow, fertilize, keep pass free, and irrigate. Such strips require hand work to keep them attractive, which increase maintenance time and labor costs. Hater from over-spraying turf in narrow planter islands, parkways, side yards, and around entrances not only runs off and is wested but also contributes to the deterioration of paint, walls, walks, and asphalt in parking lots and streets. Mulches or groundovers and shrubs on drip or underground irrigation can appropriately replace turf in many landscape sites. Drip emitters or bubblorz can be used to irrigate individual plants and eliminate waster caused by require lass water and mainternance than turf.

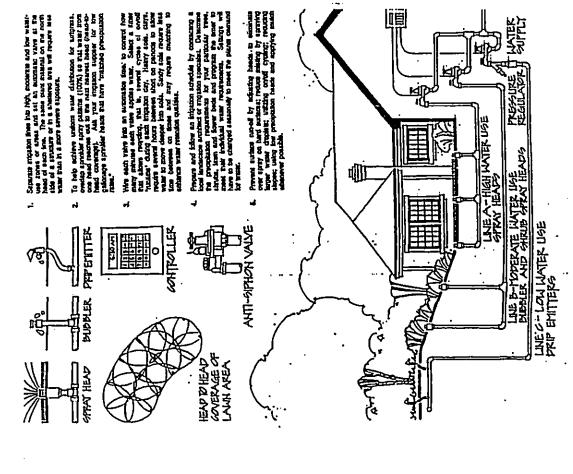


Figure 10-2, Five Steps to Efficient Infgation

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Available and more will become available as demand increases.

The range of drought-tolerant plant species and those with journation, ceaut, and seasonal interest, is with till journation, ceaut, and seasonal interest, is with till journ selections and planting, take care to mater the specific Geographuman activity as the planting site. This is critical when using choosing the proper plants and journed the interesty of drought tolerant and low water use plants in the landscape. reduce water consumption and maintenance costs over many years. All types of plants with low water requirements and now

Appropriate Maintenance

Low maintenance is not no maintenance. The use of all creater the Xeristape principles will reduce but not eliminate site, the greater its maintenance requirements will be. Trees. Site, the greater its maintenance requirements will be. Trees. require care. Takely fortilizing, watering, pruning, pest require care. Takely fertilizing, watering, pruning, pest Xeristape landstables, but at reduced levels compared to plants must have litter removed periodically. Irrigation and servicing, Artistape plantings. Even mulched sites without components for drip and sprinkler systems require routine check maintenance produces water and environmentally adapted landscapes that are assthetically pleasing.

As has been stressed, integrating these principles in costs. Most importantly though, Xeristape landscapes in the importantly though, Xeristape landscaping provides these benefits without satisfaing function or beauty. And although these seven points are stressed in Keristape iterature substitute for Xeristape programming, there is no new ways to conserve water without making yards and sharing terostapes.

Community education in Xeriscape landscaping is the key to a sericessful water conservation program. The principles of teriscape landscaping challenge the widespread but mistaken be available. Whereight, unlimited resource which will always a misconception and that water resource which will always a misconception and that water conserving landscapes are necessary and should be considered "normal" within cur society. At the same time, it teaches prople the "whys" and "hows" of effective water conserving horticulture. To reach these objectives requires the cooperation of government leaders,

Likewise, the amount of turfgrass in a landscape may be reduced by increasing the hardscape. Patios, wooden decis. Focked and graveled walks limit the turf area while reducing the

Use of Mulches

Mulches function to buffer soils against climatic extranen. In summer, they reduce soil heating and slow evaporation water loss from soil surfaces. They also reduce weeds and make those present easier to remove. Proper use of mulches reduces or prevents soil erosion. Organic mulches also contribute to the nutritional layel and tilth of the soil as they breakdown.

These practical functions are important; however, many mulches are included in the landscape for their design flexibility and attractiveness, not simply because they save water, protect roots, and reduce maintenance.

fulches are classified as organic, inorganic, and living, from tree trimming operations, saw dust, composted leaves and stash manures, peat moss, and graded bark products. Sized and washed rocks and graded bark products. Sized and washed rocks and graded bark products. Sized and washed many sizes, colors, and taxtures. Imprentic mulches which charities in covered with aither organic or inorganic mulches were popular, air and soil and creates a water-logged root environment, woven, lockes dasp over bare soil and only 2 to 3 inches dasp over woven, inches dasp over bare soil and only 2 to 3 inches dasp over woven maintenance turforesses. They function well as mulches, but may trees and shrubs. If used, select harrow, drought-tolerant species that resist common diseases. They droction well as mulches, but may trees and shrubs. If used, select harrow, drought-tolerant sesuits and require less anistenance.

Use Of Low Mater-Depand Plants

Nany beautiful and functional plants, both exotics and natives, are available that thrive with natural precipitation or small amounts of supplemental water.

Chapter Two lists free characteristics including their water thirsty).

Agencies. Landscade professionals. Apricolibrists. .frigition.
specialists. concerns citizens. and an army of toluntaers
enthusiastically supporting and promoting Agriacade programming.

Community Water Hinagement

Xeriscape landscaping, then followed, will conserve hater, reduce maintenance costs, and establish beautiful.
environmentally sound landscapes, parks, recreational facilities and greenspaces throughout a community. Conserving water isortathe need to construct costly new delivery systems and waste iteratment plants that Hould otherwise he needed to ment periods of peak loading. Xeriscaping also leads to changes in attitudes about Hater quality, water use, and how a community's water should be managed, especially in landscape irrigation.

Literature Cited

Uroan and Communty Forestry - A Guide for the Interior Hestern United States - United States Department of Nyriculture - Torest Service

Thayer, Jr., Robert L. and TG. Richman, "Water-Conserving Landscape Design," In Energy Conserving Site Design, Ed. G. McPherson, Am. Soc. Landscape Architects, 1984.

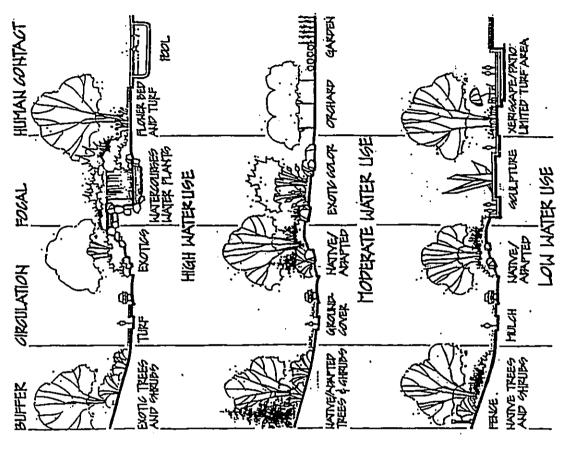


Figure 10-4. Water Use Relating to Human Use—Three Approaches

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Турв	Botanical Name	2019	Common Name
<u>ن</u> د ری	Abutilon menziesii	ខាល	Ko'o Loa'ula Koa
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•	White'		
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A. V.	Bougainvilles Temple		
	Fire	,	
ᆳ	Brexia madaqascariensis 2	해	Braxe

LOW HATER USE/DROUGHT TOLERANT FLANT LIST

All plants require water for sstablishment. After they are rooted and growing well their water requirements will vary.

The following is an incomplete list of drought tolerant plants. It is provided for your convenience.

Please review the following reference lists for many other suggestions.

 Drought Resistant Plants For Hawaiian ardens by Norman C. Benzona, County Extension Agent, Cooperative Extension Service.

- Drought Tolerant Native Hawaiian Plants for the Landscape ~ by Heidi Bornhorst Horticulturist, Honolulu Botanic Gardens.
- Honolulu Botanic Gardens.

 3. Halawa Xeriscape Garden Registry of Nurserius thi

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Halawa Keriscape Garden Regissiry of Auteries Company of Company Grow Less-Thirstry-Plants-Honolulu Board of Water Supply, November 1989.	Kay to Zones	Zone 1 - Normel watering level. Includes lush lawns and gardens.	Zone 2 - Moderate watering level. Includes lawns, ground covers and shrubs.	Zone 3 - Low watering level. Includes solf- sustaining plant saterials and natural- vegetation with emphasis on plants that require: little or no supplemental irrigation.
3. Halawa Xeriscape Garde grow Less-Thirstry-Pla Supply, Movember 1989.	Kmy to Symbols	0	0 Grass 00 Ornamental Grass Shrub SC Succulent	of the tree of the

Common Name	Brazillan Ironwood Chai ali'i(3 colors) Crown Flower Alahe'e Natal Plum	Creening Natal Plum Kolomona Hotemtot Fig Yellow Shower Rainbow Shower (All Colors) Carob Tree	Autograph Tree Small Leaf Glussa Buttercup Tree Kou Pampas Grees	India Rubber Vine Sago Palm Bermuda Grass	Spoon Flower Royal Poinciana (3 colors) 'A'ali'i	Earpod Loquat Wiliwill Tropic Coral Wiliwill	Hierba mala Grown of Thorns	Pineapple Guava Boxwood Ficus Fig Mistletoe Fig Chinese Banyan Talwan Ficus Variegated Furcreea
Zone	വനനന	തെത്തൽ തത	ភេសស្រាល មេស	កាយលក	നവ ന	ตณตณ ณ	ผต	വേവനവനന ന
Botanical Name	Caesalpinia ferrea Caesalpinia pulcherrina Calotropia gigantea Canthium odoratum Carista grandillora	C. grandiflora prostrata C. gurratensis Carobrotus adulis Cassis fistula x Caratonia siliqua Cistodendron inerme	Clusia sp. Clusia sp. Corthosperena vitiflium Cordia subtoprdata Cortedaria selloana Grassula argentes.	Cresentia cuiete Crytostemia grandiflora Cream revoluta Crnodon dactvion	Dasylico, wheeleri Delonix regia Dodonasa viscosa	Enterolobium cyclocarpum Eriobotrva isponica Erythrina pandwichneis Erythrina "Tropic Coral" E. variegata var.	orignealis <u>Euphorbia</u> cotinifolia E. millii	Figure Sellowiana Ficus buxifolia Ficus carica F. diversifolia F. diversifolia F. microcarpa F. microcarpa var. Gransifolia Fuerrana aff. diantea
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7	# 4 a fa a	STEE TO	**************************************	ស្ > ៤ ធ	ar w	5555 E	UI CL	
Common Name	Nanu Greeping Gardenia Ma'o Lavendar Star Lignum Vitae	Ma'o hau hele Rock's Hibiscus Carnetion Hibiscus Calico Hibiscus Coral Hibiscus Pagoda Hibiscus Koki'o ke'o ke'o	Pikake Giant Pikake Japanese Garden Juniper	Lantana Trailing Lantana Bay Laurel	Nato Dwarf Nandina Oleander	Dwarf Dleander Kului Olive 'Ulai Seashore Paspalum Varisgated Opiuma	Wheeler's Pittosporus Care Leadwort	'Ille'e Plumeria. Miniature Jade Pink Bombax Pomegranate Dwarf Pomegranate
	2 Creeping Gardenia 3 Ma'o 2 Lavendar Star 3 Lignum Vitae	Rack's Hibiscus Carnation Hibiscus Callo Hibiscus Coral Hibiscus Coral Hibiscus Coral Hibiscus Roki'o ke'o ke'o	2 Pikake 2 Giant Pikake 2 Japanese Garden 2 Juniper	2 Lantena 2 Trailing Lantena 2 Bay Laurel		3 Dwarf Dieander 3 Clive 3 'Ulai 5 Seashore Paspalum 7 Variegated Opiums		111m's Plumeria. Plumeria. Prink Bombak Pomegranate Dearf Pomegranate
Botanical Name Come Common Name		ຒ ກ ໙ ໙ ໙ ໙ ໙ ໙ • • • • • • • • • • • • •				f. 'dwarf' 3 ndwicensis 3 viliditolia 3 tum 2		20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Common Name	Rosemary Creeping Rosemary	Coral Plant	Honkey Pod		Soupperry tree		California Papper iree	anpes .		Glant Carrion Flower	St. Augustine Grass	Veriegated St.	Augustine Grass	Bird of Paradism	Silver Trumpet Tree	Trumpet Tree	Gold Tree	Desert Athel	Da-still Tree.	Oyster Plant	· Akia	Counteh Bayonet				
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Botanical Name	Rossmarinus offcinalis R. officinalis var-	prostrata Russella equipetifolla			Canada Anno Anno Anno Anno Anno Anno Anno Ann		Schimus molle				Stabella nonlin	Stenotaburce decumeston	S. Secundatum variedatum	Strelltzia reginam			L. CHTYBENCHE	To dominate the state of the st	2	Tradescentia spethaces	Ulkstrosmia uve-urmi		YUCER GIRTIONA	Zoveta tenuifolia	'Eleganck' Z. tenuifolia 'Emerald'	***
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93-240/epo

September 28, 1993

Gordon Matsuoka, State Public Works Engineer Department of Accounting and General Services

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John C. Levin, H.D. Frunghliduren for Director of Health From:

Request for Comments
Environmental Assessment for Maui Community Correctional Center
(DAGS DOB HO. 15-27-6230)
Walluku, Haui
THX: 3-8-46: 6 Subject:

Thank you for allowing us to review and comment on the subject project. We have the following comments to offer:

Hastewater

The subject project is located below the Underground Injection Control Line and in a critical wastewater disposal area as determined by the Maui County Hastewater Advisory Committee. No new cesspools will be allowed in the subject area.

Mastewater generation and disposal have not been addressed in the document, therefore, we cannot offer any comments at this time. We will require a review of any follow-up document regarding wastewater treatment and disposal.

However, if the project is located within a municipal sewer system, we will require connection to the sewer service system. No other means of wastewater disposal will be acceptable. Non-availability of treatment capacity will not be an acceptable justification for use of any private treatment works.

All wastewater plans must conform to applicable provisions of the DOM's Administrative Rules, Chapter 11-62, "Hastewater Systems."

If you should have any questions on this matter, please contact Hs. Lori Kajiwara of the Mastewater Branch at 586-4290.

Wastewater Branch Safe Orinking Water Branch

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Dr. John C. Levin Director of Health Department of Health State of Hawaii P.O. Box 3378 Homolulu, Hawaii 96801

Dear Dr. Levin:

Subject: Environmental Assessment for Hauf Community Correctional Center 80-Bed Work Furlough Center D.A.G.S. Job No. 15-27-6230

Thank you for your comments on the environmental assessment.

We offer the following response to your comments:

- Wastewater discharge from the proposed facility will be connected to the County's sever system.
- We acknowledge that your department will only accept wastewater disposal into the municipal system.
- 3. Wastewater plans will comply with DOH requirements.

Should you need additional information, please have your staff contact Mike Shigetani, project coordinator, at 586-0434.

Very truly yours,

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