

LINDA CROCKETT LINGLE
Mayor
GEORGE N. KAYA
Director
CHARLES JENCKS
Deputy Director
LLOYD P.C.W. LEE, P.E.
Chief Staff Engineer



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS

200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793



AARON SHINMOTO, P.E.
Land Use and Codes Administration
EASSIE MILLER, P.E.
Wastewater Reclamation Division
RALPH NAGAMINE, P.E.
Engineering Division
BRIAN HASHIRO, P.E.
Solid Waste Division
MELVIN HIPOLITO
Highways Division

RECEIVED

'92 APR 23 AM 1:20

April 14, 1992

Mr. Brian J.J. Choy, Director
Office of Environmental Quality Control
220 South King Street, 4th Floor
Honolulu, HI 96813

Dear Mr. Choy:

Subject: Negative Declaration for the New Above-Ground Fuel
Tanks & Fire Hydrant, Wailuku Public Works Baseyard,
TMK: 3-4-3:01, Wailuku, Maui, Hawaii

The Department of Public Works, County of Maui, has reviewed the environmental assessment for the New Above-Ground Fuel Tanks & Fire Hydrant for the Wailuku Public Works Baseyard, and has determined that the project will not have any significant impacts on the environment. Based on our determination, we are filing a negative declaration for the project.

Enclosed are form copies of the environmental assessment.

Please contact Mr. David Wissmar at 243-7869 if you have any questions. Thank you.

Very truly yours,

A handwritten signature in cursive script that reads "George N. Kaya".

GEORGE N. KAYA
Director of Public Works

Enclosures



- 1992-05-08-MA-FAA-Wailuku Public Works Baseyard New
above ground fuel tanks and fire hydrant

ENVIRONMENTAL ASSESSMENT FOR
NEW ABOVE-GROUND FUEL TANKS, WAILUKU
PUBLIC WORKS BASEYARD
JANUARY 1992

Proposing Agency: County of Maui
Department of Public Works
Highways Division

Agencies Consulted
County: Planning Department
Water Department

State: OEQC
Environmental Center, U of H
Department of Health, Safe Drinking
Water Branch
Department of Transportation, Highways
Division
Department of Land and Natural Resources

Federal: Soil Conservation Service, U. S. Department
of Agriculture

PROJECT CHARACTERISTICS

General: The County of Maui, Department of Public Works is proposing to install three above-ground fuel tanks at the existing Wailuku Public Works Baseyard in Wailuku town, Maui (TMK: 3-4-3:01). The site is located in the lower area of Wailuku town at the intersection of Kaohu Street and Waiale Drive. The two parcels of land that compose the baseyard total 3.78 acres. The baseyard is in a flat area at elevation 220 feet (approximately). The baseyard is used for parking and servicing of vehicles and construction equipment. There is a garage, office, traffic signs building, body and fender shop, tire shop, service station, and a Parks & Recreation Department shop/storage building. The attached tax map shows the approximate location.

Technical: The proposed project will consist of the installation of two new above-ground, double-walled, 2000-gallon gasoline tanks and one 2000-gallon diesel tank.

Economic: Installation of the fuel tanks will cost the County approximately \$70,000. The existing fuel tanks are over 30 years old and in order to reduce long term testing and monitoring costs,

the old tanks will be removed entirely. The old tanks are not equipped with fuel containment, fuel monitoring, leak detection or corrosion protection. It is estimated that costs to bring the existing tanks and piping to conformance with EPA regulations will exceed the cost of new above-ground tanks, especially if monthly and annual monitoring and testing costs are considered.

Environmental: The fuel tanks will be of the latest design, double-walled with fuel over-spill and containment provisions. The tanks will be approved by the County Fire Department. The facility is planned to be pollution free, except for the gas and diesel vapors during refueling, or small drips as fuel hoses are removed from vehicle fueling ports. The tanks are low in profile, painted green, and resemble large molded rectangular blocks (8' wide by 12' long by 5-1/2' high).

SUMMARY OF THE AFFECTED ENVIRONMENT

The proposed tanks will replace old fueling arrangements at the Wailuku baseyard. The new tanks are modern in design, safe and pollution free to operate. There are no endangered fauna, critical habitats, historical/archaeological or cultural sites within the fenced compound. The area is paved with asphalt and concrete, well drained, and well away from any water sources.

SUMMARY OF MAJOR IMPACTS

Short Term

1. Depletion of labor and material resources during construction.
2. Some dust and noise during construction. Water for dust control is available within 50 feet.

Long Term

Air Quality: Emissions are expected from motor vehicles entering and exiting the baseyard. The pollution from motor vehicles is expected to be very minimal. No significant impact to the air quality is expected.

Water Quality: No significant impact to the water quality is expected.

Noise: Vehicles entering and exiting the baseyard will generate noise. The noise from traffic would be very minimal. No significant noise impact is expected.

Archaeological: No significant archaeological impact is expected. If there are any archaeological features, they are not evident. The Wailuku baseyard has been in operation for 70 years, and all available land has been utilized.

Flora: No significant impact on the flora is expected.

Fauna: No significant impact on the fauna is expected.

Visual: The new fuel tanks are small compared to the building structures and heavy equipment positioned in the Public Works baseyard. Visual impact will be minimal.

ALTERNATIVES CONSIDERED

The "no-action" alternative was considered but deemed to be unacceptable because the benefits of refueling from county owned and operated fuel tanks and the anticipated costs of retrofitting the existing tanks.

PROPOSED MITIGATION MEASURES

1. The temporary dust and noise which would occur during construction will be controlled by application of appropriate pollution control measures.
2. Landscaping is planned around the perimeter of the baseyard in order to reduce visual impact of the semi-industrial appearance.

DETERMINATION

The new fuel tanks are not expected to cause significant impacts to the environment. Therefore, it has been determined that a negative declaration will be filed.

FINDINGS AND REASONS SUPPORTING DETERMINATION

1. The proposed project will not involve an irrevocable commitment to loss or destruction to any natural or cultural resources.
2. The proposed project will not curtail the range of beneficial uses of the environment.
3. The proposed project will not conflict with the State's long-term environmental policies.
4. The proposed project will not substantially affect the economic or social welfare of the community or state.
5. The proposed project will not involve substantial secondary impacts, such as population changes or effects on public facilities.

6. The proposed project will not involve a substantial degradation of environmental quality.
7. The proposed project will not substantially affect any rare, threatened or endangered species of flora or fauna or habitat. No endangered species of flora or fauna are known to exist in the project site.
8. The proposed project will not detrimentally affect air or water quality or ambient noise levels.
9. The proposed project will not be located in any environmentally sensitive area, such as flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters.

For the reasons above, the proposed project will not have any significant effect in the context of chapter 343, Hawaii Revised Statutes and section 11-200-12 of the State Administrative Rules.

TECHNICAL SPECIFICATIONS

FOR

ABOVE GROUND FUEL STORAGE & DISPENSING SYSTEM

1. GENERAL REQUIREMENTS

As specified in Special Provisions & Proposal

2. APPLICABLE REGULATIONS

The Contractor shall comply with all applicable current local, State and Federal laws, ordinances, rules and regulations pertaining to such work and must obtain and pay for required permits, license and certificates and publish or post all notices required thereby. The revised interim policy (Revision No. 1) for the dispensing of fuels from above ground tanks by Maui County Department of Fire Control shall govern all work (copy attached to these specifications).

3. QUALIFICATION OF GASOLINE DISPENSING SYSTEM INSTALLERS

Installation of the fuel dispensing system shall be accomplished by firms or persons experienced in the field. Prior to start of any construction, the General Contractor shall submit data for approval by the Engineer that indicates the installer's experience in fuel dispensing system installation. The data shall include the names and locations of not less than three installations within the state or west coast. Persons doing work shall have at least one of the following contractor licenses: "A" (General Engineering), "C-37", "C-37F" or "C-68" (Service Station Installer).

4. WORK INCLUDED

Unless otherwise specified elsewhere, provide all labor, materials, equipment and transportation to construct and complete an above ground fuel storage and dispensing system at the Makawao Public Works Department Baseyard, all in accordance with the latest County of Maui, State of Hawaii, and Federal Standards, Ordinances and Regulations.

5. REFERENCES

- A. Standard Specifications for Public Works Construction, September 1986, as applicable to County of Maui, with exception of paragraph "Measurement and Payment", referred to as "County Standard specifications".
- B. Standard Details for Public Works Construction, September 1984, as applicable to County of Maui, referred to as "County Standard Details".
- C. 1985 UFC with amendments and NFPA 30 and 30A.

6. DESIGN DRAWINGS

Drawings are diagrammatic and indicate the general arrangement and/or placement of the systems and work included in the scope-of-work. Drawings are not intended to be detailed construction drawings. Reasonable modifications to indicated locations and changes in arrangement to adjust to job conditions shall not constitute a basis for requesting additional funds.

7. SUBMITTALS

- A. Catalog Cuts: Submit two (2) copies of equipment catalog cuts for the above ground tanks and all other items supplied by the Contractor. Submittals shall be reviewed and approved by the Engineer before the equipment is purchased.

- B. Shop Drawings: The Contractor shall submit detailed shop drawings of all the equipment and all the materials required to complete the project, and no materials or equipment may be delivered to the job site or installed until the Contractor has in his possession the approved shop drawings for the particular material or equipment. The shop drawings shall be complete as described herein. The Contractor shall furnish two (2) sets of shop drawings.

Approval rendered on shop drawings shall not be considered as a guarantee of measurements. Where drawings are approved, said approval does not mean that the drawings have been checked in detail; said approval does not in any way relieve the Contractor from his responsibility or necessity of furnishing materials or performing work as required by the contract drawings and specifications.

Failure of the Contractor to submit shop drawings in ample time for checking shall not entitle him to an extension of contract time, and no claim for extension by reason of such default will be allowed.

- C. As-Built Drawings: Daily record of changes or additions shall be noted on a project site copy of the drawings. After the final inspection, the Contractor shall prepare a reproducible drawing of the as-built conditions showing his work as actually installed.
- D. Owner's Operating and Maintenance Manuals: Three (3) sets of O & M manuals as specified herein shall be submitted prior to the pre-final inspection for the complete above ground fuel storage system and fuel dispensing system.

8. EQUIPMENT DEVIATIONS

Where the Contractor proposes to use any item of equipment other than that specified or detailed on the drawings, which requires redesign of the tank, foundations, piping, wiring or any part of the mechanical layout, all such redesign, and all new drawings and detailing required therefore, shall be prepared by the Contractor at his own expense and approved by the Engineer.

Where such approved deviation requires a different quantity and arrangement of piping, wiring, conduit, and equipment from that specified or indicated on the drawings, the Contractor shall furnish all any such additional required by the system, at no additional cost to the County of Maui.

9. SPECIAL NOTICE

No work of any kind shall be undertaken until all necessary materials are available at the job site for this project.

The Contractor must be familiar with the project site and familiarize himself with existing conditions and the amount and kind of work to be performed relating to methods of construction and labor under which the work will be performed. The Contractor must employ, insofar as possible, such methods and means in carrying out his work so as not to cause any interruption or interference to the operations of the County of Maui, Police and/or Fire Department. The Contractor shall arrange his schedule of work accordingly.

10. PROTECTION OF PROPERTY

The Contractor shall continually maintain adequate protection of all his work from damage and shall protect all property at the project site, including buildings, equipment, furniture, grounds, vegetation, materials, utility systems located at the job site, etc. The Contractor shall repair, replace or pay the expense of repair or damages resulting from his fault or negligence.

11. MATERIALS

All materials delivered to the job site and installed shall be new and the best of their respective grades, free from defects and in compliance with all applicable standards.

A. Tanks: The above ground tanks shall be a steel tank double contained in a concrete vault which rests at least 4" above ground.

1) The tank shall meet the following specifications:

- a) The construction of the concrete vault tank shall meet or exceed the minimum requirements of UBC, Chapter 43 for two hour fire-resistive type construction. The cement used shall conform to ASTM C150 Type C 150 Type II or III.
- b) Steel tank must be U.L. listed. Primary tank to have minimum shell thickness of 3/16" (steel).
- c) Tank shall have a secondary containment system. Secondary containment shall completely surround primary tank and shall be constructed of HDPE, 30 mils minimum thickness.
- d) Steel tank and secondary containment must be covered by 6" thick reinforced concrete shell of monolithic design providing physical and ballistic protection and a two hour fire wall around tank, as set forth in the UBC, Chapter 43.
- e) Tank shall meet requirement of NFPA 30 and Uniform Fire Code for above ground tanks.
- f) Tank shall have 6" emergency vent as required by NFPA.
- g) Tank shall be generally rectangular in design.
- h) Tank opening shall be threaded, except for detector tube.
- i) Tank must be certified by the State of California Air Resources Board for balance phase and vapor recovery. (Executive Order G-70-132 or equal).
- j) Tank shall have the capability of physical monitoring between the primary and secondary containment.
- k) Tank shall have exterior protective epoxy coating.
- l) Tank shall come with a minimum 20 year limited warranty. Contractor is not required to warrant project other than the standard one year warranty. Only the tank shall have a 20-year warranty by the tank manufacturer. The tank shall be vaulted steel tank as manufactured by Convault, 4109 Zefring Road, Denair, CA 95316; or Supervault, as manufactured by Trusco Tank Inc., P.O. Box 11925 Fresno, CA 93775.

- 2) Tank Accessories: The vaulted above ground tank shall be equipped with the following accessories:
 - a) Integral spill containment system is not permitted. System shall follow Department of Fire Control "Interim Policy for the Dispensing of Fuels from Above Ground Tanks at Locations not Open to the Public". (Copy attached)
 - b) Krueger liquid level gauge.
- 3) Concrete shall conform to Standard Specifications.

B. Dispensers: A fuel dispenser shall be mounted on each tank and be suitable for outdoor installation. Dispenser shall be suction pump type with 15 gpm dispensing capacity. Dispenser shall be equipped with registers for four-digit read out (max. 99.9 gallons) display front and back of the panel and totalizer, anti-syphon valve on pump discharge casting.

- 1) Gas dispenser shall consist of the following items: 15 gpm pump with meter, fuel filter and adapter, 2" x 8" vent riser, 2" vent cap, model 523 p/v vent, 4" lockable fill cap, 4" drop tube, 6" emergency vent, 4' gauge stick, Kruger gauge (U.L. approved), decals, nozzle (auto shut off), 5/8" x 11' fuel hose, high hang retractor with retractor base stand, listed breakaway coupling on dispensing hose and flame arrester (gas tank only).
- 2) Diesel dispenser shall consist of the following items: 15 gpm fuel pump with meter, fuel filter and adapter, 2" x 8" vent riser, 2" vent cap model 800 side vent, 4" lockable fill cap, 6" emergency vent, 4' gauge stick, decals, Kruger gauge, nozzle (auto shut off), high hang retractor with base stand, 5/8" x 11' fuel hose, a listed breakaway coupling.
- 3) Any other standard items of equipment, components or accessories listed in manufacturer's specifications or brochures necessary for a complete operating unit whether specified or not shall be included.

C. Overfill Containment: An overfill containment system shall be supplied with each tank. Tanks shall be supplied with external spill containment appurtenances (Ref: Department of Fire Control Interim Policy).

12. EXECUTION

- A. All workmanship shall be of the highest standard. The installation shall comply with the Plumbing Code, the Fire Marshall's Regulations of the County of Maui, NFPA 30 and 31 and all other applicable codes.
- B. The contractor shall obtain and pay for all permits and licenses for the work. At completion, transmit to the Engineer applicable certificates of inspection.

13. CONCRETE WORK

Concrete work for above ground tank shall be installed as shown in the plans and in accordance with the Standard Specifications.

14. PROTECTION TO MATERIALS AND EQUIPMENT

Pipe and tank openings shall be closed with caps or plugs during installation. Equipment shall be tightly covered and protected against dirt, water and chemical or mechanical injury. Upon completion of work the materials and equipment shall be thoroughly cleaned, repainted as required, adjusted and operated.

15. FIRE EXTINGUISHERS

Extinguishers shall be provided and mounted in accordance with Department of Fire Control directives, minimum 4A 60 BC classification.

16. TANK AND ACCESSORIES INSTALLATION

Tank and all accessory equipment shall be installed in strict accordance with the respective manufacturer's recommendations.

17. TESTING AND INSPECTION

Contractor shall furnish all equipment for tests and any required retests and pay for all cost of repairing any damage resulting from such tests. Contractor shall adjust systems until they are approved. Tests shall be performed in the presence of, and to the satisfaction of, the Engineer, and inspection of the official agency involved. System shall be tested in accordance with Department of Fire Control Interim Policy (copy attached).

18. CLEAN UP

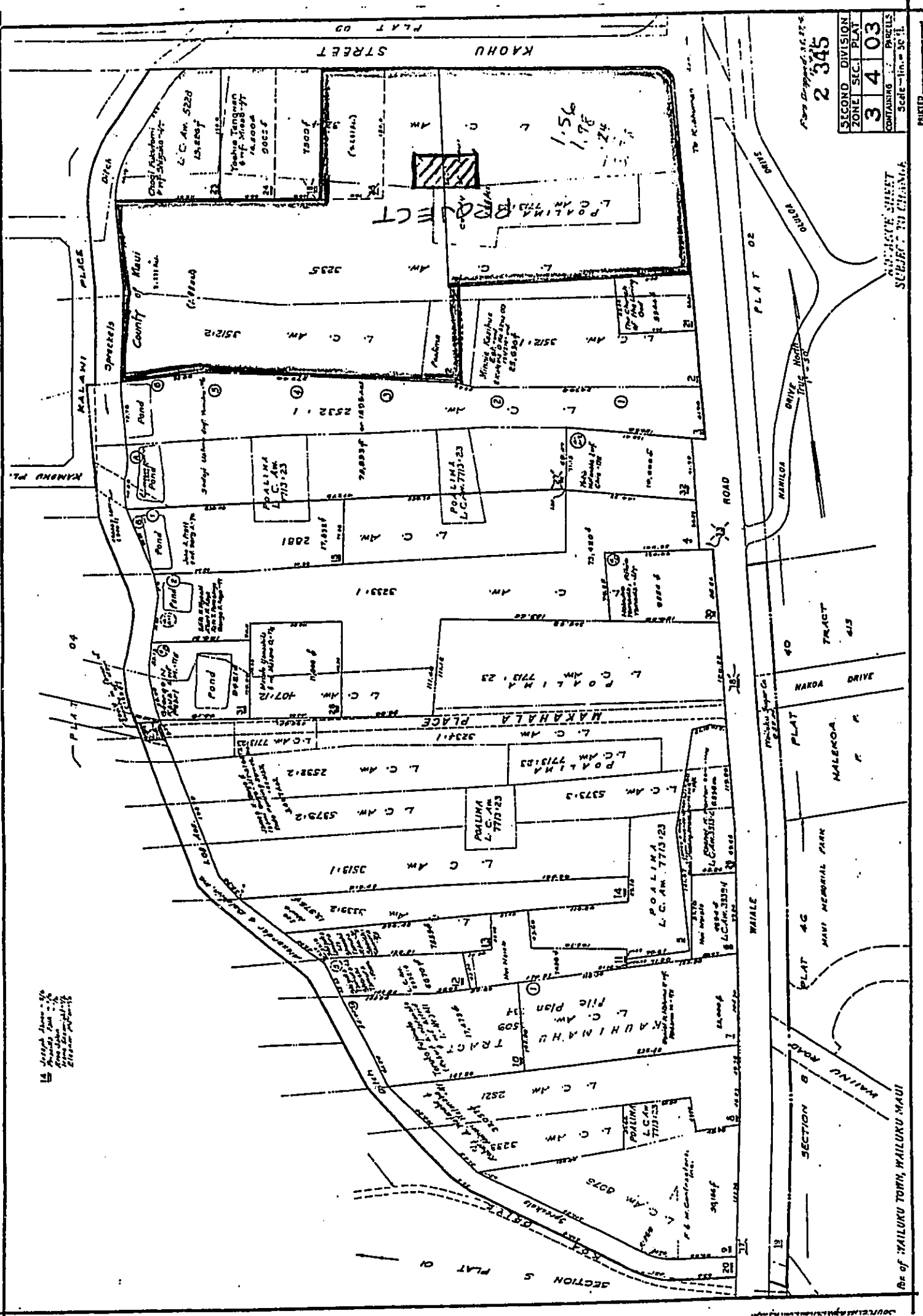
Upon completion of this work, remove all debris and excess materials, tools, etc. resulting from this work from the job site and leave the location of this work broom-clean in an acceptable manner as approved by the Owner. All mechanical equipment shall be thoroughly cleaned and ready for use.

19. GUARANTEE AND CERTIFICATE

- A. Guarantee: All work and materials executed under this section unless specifically specified elsewhere shall be guaranteed to be free from defects of materials and workmanship for one (1) year from date of final acceptance of project as a whole. All work of repair and replacement required, including whether work damaged by this work defects shall be performed without cost to the Owner.
- B. Certificates: Furnish certificates for evidence of proper performance of compliance with code and certificate of warranty for the following:
 - 1) Performance warranty of the tank.
 - 2) Performance warranty of the fuel pump and dispenser.
 - 3) Performance warranty of secondary containment system.

20. MEASUREMENT AND PAYMENT

The work under this section shall not be paid for directly but shall be included in the lump sum bid for Above Ground Storage Tank.



SECOND DIVISION	PLAT
ZONE SEC.	PLAT
3 4 03	
CONTAINING PARCELS	
Scale - in. = 30 ft.	

2 345
 Plans deposited 10.22.24

SUBJECT TO CHANGE

PRINTED

Joseph Shaw - 50
 Honolulu, T.H.
 Surveyor

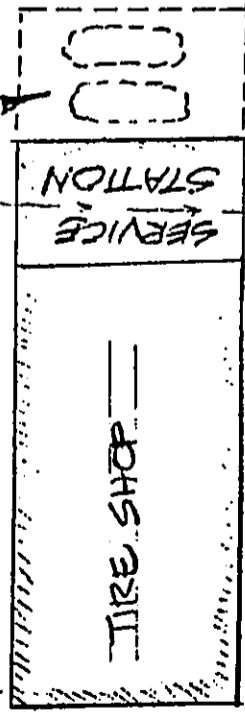
BE OF WAILUKU TOWN, WAILUKU MAUI

COURT RECORDS

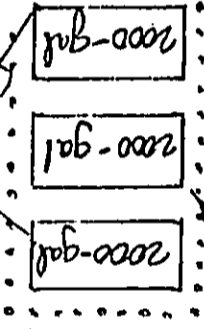
DEPT. OF PUBLIC WORKS
 COUNTY OF MAUI
 SITE PLAN FOR ABOVE
 GROUND FUEL TANK
 INSTALLATION - WAILUKU

FEB 1992 BY: D. WESMAR RE
 TMK: 3-4-03:1

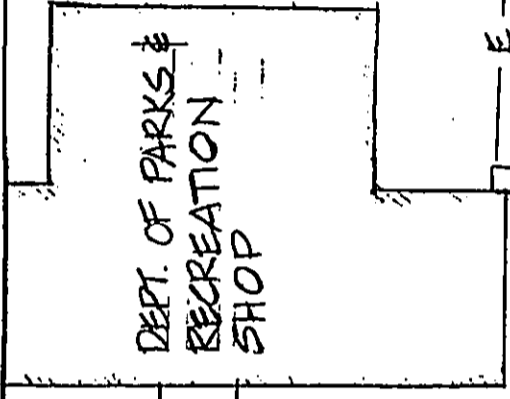
Refuse Truck
 Parking



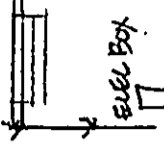
EXIST'G 4/G
 FUEL TANKS



3 - 2000-GAL ABIGRD...
 TANKS. (4000 GAS, 2000 DIESEL)



SEE SHEET N° 2
 FOR ELEC. WORK



HIGHWAYS DIV.
 OFFICE

1

SHEET N° 1

P A R K I N G
 K A O H U S T.

PROJECT

NOT TO SCALE
 TRUE NORTH

67'±

40'±

18'±

ENTRANCE TO
 WAILUKU BASEYD.

NEW F.H.
 NEW FIRE
 HYDRANT
 INSTALLATION

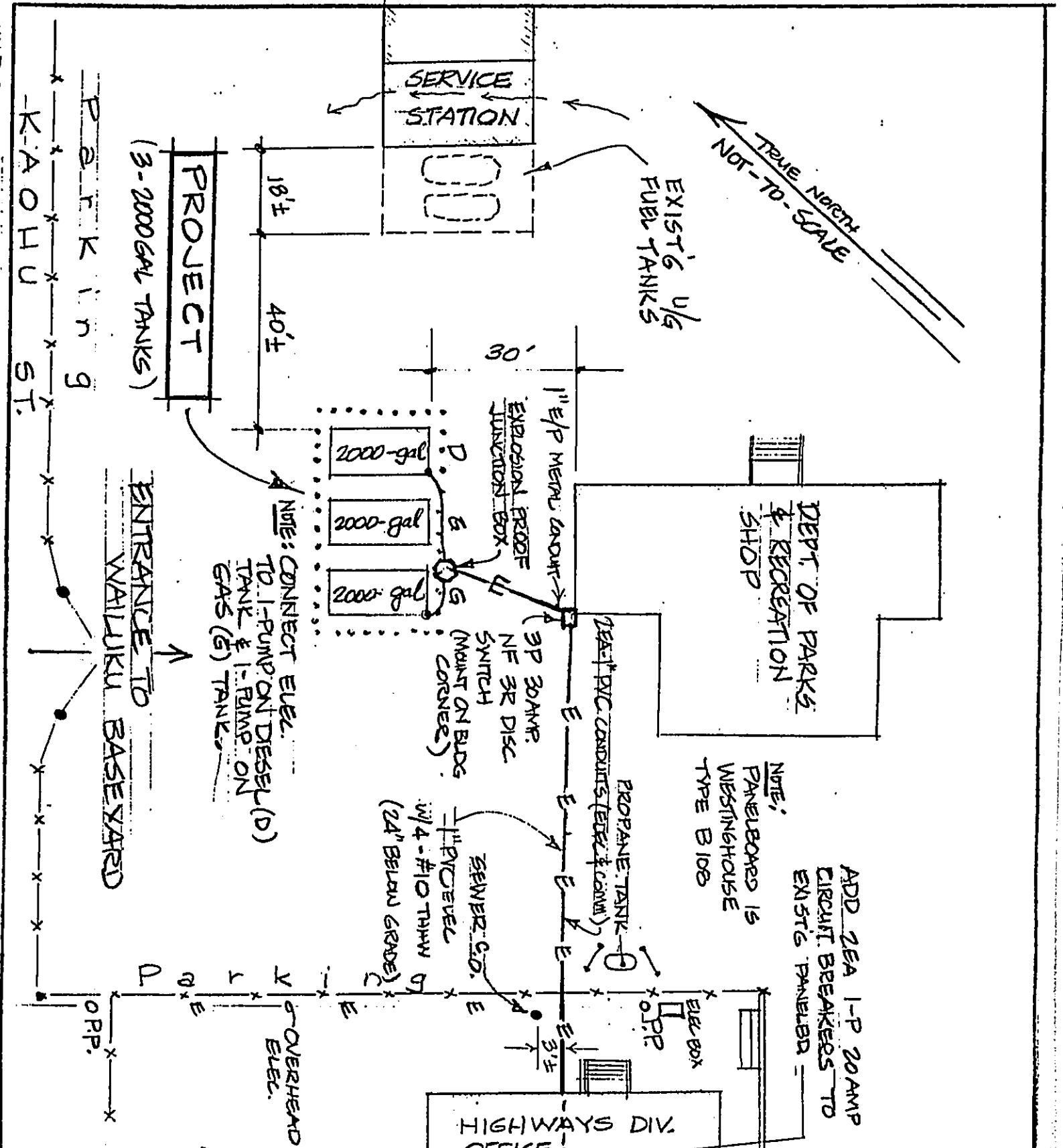
EXIST'G 3' WATERLINE

W8

W8

W8

W8



DEPT. OF PUBLIC WORKS
COUNTY OF WAII
ELEC. PLAN FOR
INSTALLATION OF ABV-GRD
FUEL STORAGE TANKS.
FEB 1992 BY: DWISSMAR PE

TRK: 3-4-03:01

SHEET NO. 2

2

FILE COPY

ATTACHMENTS

(Comments on Preliminary EA)

UNITED STATES
DEPARTMENT OF
AGRICULTURE

SOIL
CONSERVATION
SERVICE

P. O. BOX 50004
HONOLULU, HAWAII
96850

February 20, 1992

'92 FEB 25 12:43

Mr. George Kaya, Acting Director
Department of Public Works
County of Maui
200 South High Street
Wailuku, Hawaii 96793

CC
3-22-92

FILE COPY

ATTN: Highways Division

Dear Sir:/Madame:

Subject: Environmental Assessment for New Above-Ground Fuel Tanks,
Wailuku Public Works Baseyard, Maui, Hawaii

We have reviewed the Environmental Assessment for New Above-Ground Fuel
Tanks at the Wailuku Public Works Baseyard and have no comments to offer at
this time.

Thank you for the opportunity to review this document.

Sincerely,



WARREN M. LEE
State Conservationist

DEPT OF PUBLIC WORKS	Info	Action	Rec'd	See Me	Comments	Copy	File
DIRECTOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DEP. DIR.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STAFF CE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LUCA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WW RECL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SOLID W.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENGR.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HWYS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SECTY.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Return to:

By _____ Date: 2/25

JOHN WAIHEE
GOVERNOR OF HAWAII



JOHN C. LEWIN, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

P. O. BOX 3378
HONOLULU, HAWAII 96807

FILE COPY

(14)

In reply, please refer to:

March 23, 1992

92-051/epo

Mr. George Kaya
Acting Director
Department of Public Works
County of Maui
200 S. High Street
Wailuku, Maui, Hawaii 96793

Attention: Highways Division

DEPT OF PUBLIC WORKS	Info	Action	Rel	Act Mo	Comments	Copy	File
DIRECTOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DEP. DIR.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLANNING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ADM. SER.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENGR.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INSPECTION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REGISTRY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4/2 4/2

Done
- Please
Fill in
which
7th
all
with LOANING
NORAD
with
USF & AGT

Dear Mr. Kaya:

Subject: Environmental Assessment (EA) for New Aboveground Fuel Tanks,
Wailuku Public Works Baseyard
TMK: 3-4-03:01

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

- Our records indicate that the County of Maui has notified our Department of the existence of one, 1,000-gallon and one 2,000-gallon underground storage tank (UST) used to store gasoline at the subject facility (UST Facility I.D. 9-501400).

The proposing agency should realize that owners and operators of USTs used to store petroleum products are subject to the federal UST rules and regulations as set forth in Title 40 of the Code of Federal Regulations (CFR) Part 280 (Attachment A). These regulations include requirements for:

- Design, Construction, Installation, and Notification;
- General Operating Requirements;
- Release Detection;
- Release Reporting, Investigation, and Confirmation;
- Release Response and Corrective Action;
- Changes-In-Service and Closure; and
- Financial Responsibility Requirements.

As stated on page two of the EA, the proposing agency is planning to permanently close (remove) the existing USTs at the subject facility. As such, the proposing agency should note that the federal UST rules set forth specific requirements which UST owners and operators must undertake when permanently closing their UST systems (refer to 40 CFR Part 280 Subpart G "Permanent closure and Change-in-Service of UST systems"). In addition, we are

REC'D APR 02 1992

FILE COPY

92-051

Mr. George Kaya
March 23, 1992
Page 2

enclosing additional guidance to assist the proposing agency in complying with these federal requirements for UST closure (Attachment B).

2. The proposing agency should note that the requirements for complying with the federal rules for permanent UST closure require, among other things, that owners and operators assess the UST excavation to determine whether a release from the UST system has occurred (40 CFR §280.72). In the event that a release is discovered, UST owners and operators must undertake specific actions to respond and cleanup release from their tanks.

With this in mind, we would like to stress the need for thorough environmental assessment, investigation, and remediation before undertaking construction projects. The applicant should realize that environmental investigation and remediation of soil and ground water contamination can potentially be both costly and time-consuming. To avoid disruptive scheduling delays and budget overruns, potential contamination problems should be properly identified and assessed before beginning construction so that any necessary investigative and remedial measures can be planned for in advance and implemented before the commencement of construction, rather than during the project.

3. We would like to point out that our Department does not have administrative rules which regulate owners and operators of aboveground storage tank (AGT) systems. However, it is our understanding that the U.S. Environmental Protection Agency (EPA) has proposed additional requirements for certain types of AGT systems that are subject to regulation by the federal Clean Water Act and the existing Spill Prevention Control and Countermeasures (SPCC) program. We are enclosing a copy of the Federal Register (dated 10-22-91) within which the EPA's proposed rule for AGT's is found (Attachment C). For more information on this new rule, the proposing party should contact the U.S. EPA office identified on page 54612 of the enclosed Federal Register. In addition, we are enclosing several issues of the publication "Tank Talk" which provides additional background information on EPA's actions to further regulate AGTs (Attachment D).
4. The proposing agency should realize that the installation of aboveground storage tank systems containing flammable and combustible liquids is subject to regulation by the State Fire Council and the County Fire Departments. In this case, the proposing agency should contact the County of Maui, Department of Fire Control to ensure that the design and installation of the AGTs is in accordance with all applicable County ordinances.

Very truly yours,



JOHN C. LEWIN, M.D.
Director of Health

Attachments

- c: Hazardous Waste branch
Maui District Health Office (Attn: David Nakagawa)

END

CERTIFICATION

I HEREBY CERTIFY THAT THE MICROPHOTOGRAPH APPEARING IN THIS REEL OF
FILM ARE TRUE COPIES OF THE ORIGINAL DOCUMENTS.

2004

DATE

Erin A. Nakamura

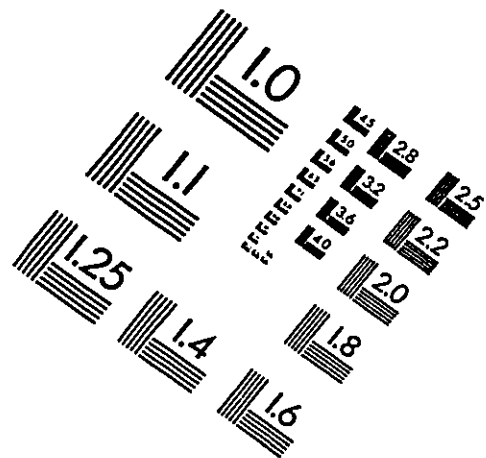
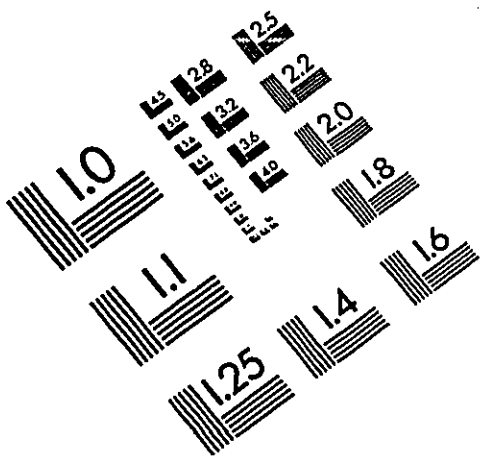
SIGNATURE OF OPERATOR



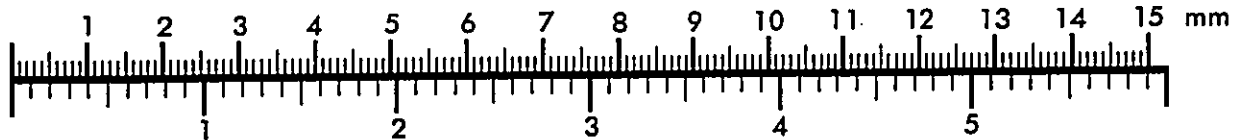
AIM

Association for Information and Image Management

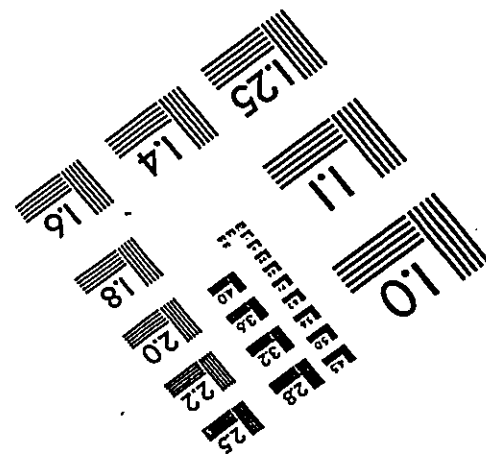
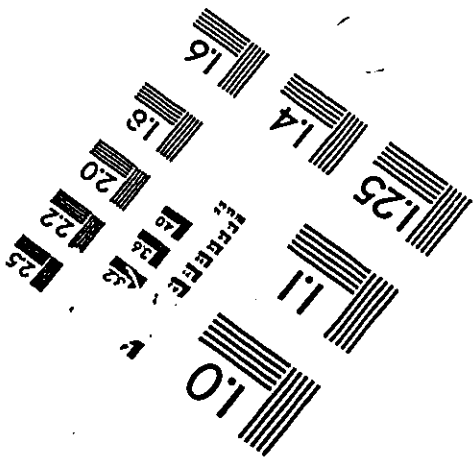
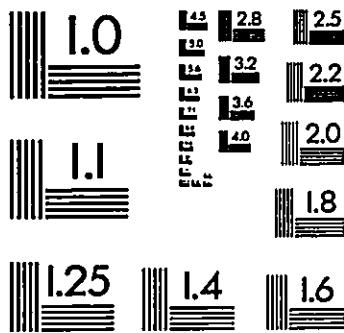
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



Centimeter



Inches



MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

DENSITY TARGET



ADVANCED MICRO-IMAGE SYSTEMS HAWAII

OMISSION

**DOCUMENTS
OUT-OF-FILE**