



HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION

677 Queen Street / Honolulu HI 96813

Fax: (808) 587-0600

DENISE ISERI-MATSUBARA

EXECUTIVE DIRECTOR

ADDENDUM NO. 1

March 23, 2023

IFB NO: 23-001-K85-S

IFB TITLE: VILLAGES OF KAPOLEI – IRRIGATION REPAIRS AND LANDSCAPE MAINTENANCE

BIDS DUE: March 30, 2023 NOT LATER THAN: 2:00pm

This Addendum modifies or clarifies the solicitation documents only to the extent indicated herein, and all portions thereof not specifically affected by the addendum shall remain in full force and effect. All addenda shall be added to and form a part of the IFB documents.

Item #1 Change: Form of Bid, Page P-3, Subsection 6(m).

This subsection has been modified to change the percentages for allowance work to cost plus 20% for overhead and profit, for work done by the Contractor's own forces, and cost plus 10% for overhead and profit, for work performed by the Contractor's subcontractor. A REVISED Form of Bid, with the modified subsection, is attached to this addendum.

Item #2 Change: Form of Bid, Pages P-6 thru P-9, Base Bid Schedule and Extension Term Bid Schedule.

The Description for the following line items are modified as follows:

- a. Added "trash removal" to Bid Item Nos. 1, 2, 7, 9, 14, 15, 20, and 22.
- b. Added "brush overgrowth removal" and deleted "overgrowth" to Bid Items 3, 4, 6, 8, 16, 17, 19, and 21.
- c. Added "mowing, hedge trimming" and deleted "overgrowth" to Bid Items 5 and 18.
- d. Added "mowing, brush overgrowth removal" and deleted "overgrowth removal" to Bid Items 11 and 24.

A REVISED Form of Bid, with the modified line items, is attached to this addendum.

Item #3 Change: Form of Bid, Page P-11, Wage Certificate.

The Wage Certificate has been modified to clarify the wages to be paid for maintenance (Chapter 103, HRS) and wages to be paid for irrigation repairs (Chapter 104, HRS). A REVISED Form of Bid, with the modified Wage Certificate, is attached to this addendum.

Item #4 Change: General Requirements, Figure 4C.

This figure has been amended to remove the corner landscaping on the Kealakai side of the entrance to Kaiu Avenue. A REVISED General Requirements, with the updated figure, is attached to this addendum.

Item #5 Change: General Requirements, Page GR-4, Section 1.06 G, Area “J” (Bisecting Park).

This section has been modified to include maintenance of the median island along Kaiu Avenue. A REVISED General Requirements, with the modified section, is attached to this addendum.

Item #6 Change: General Requirements, Figure 8.

This figure has been amended to reference the change made in Item #4 above. A REVISED General Requirements, with the updated figure, is attached to this addendum.


Delmond J.H. Won, Executive Assistant

END OF ADDENDUM NO. 1

REVISED
FORM OF BID

FOR
FURNISHING LABOR AND MATERIALS
REQUIRED FOR

**VILLAGES OF KAPOLEI IRRIGATION REPAIRS
AND LANDSCAPE MAINTENANCE**

TAX MAP KEY(S): 9-1-16: por.99, various
IFB NO. 23-001-K85-S

To: Executive Director
Hawaii Housing Finance and Development Corporation (HHFDC)
677 Queen Street, Suite 300
Honolulu, Hawaii 96813

1. The undersigned Bidder hereby acknowledges visiting or otherwise familiarizing itself with the site of work, being familiar with the conditions under which the work is to be performed and reading the specifications and other solicitation and contract documents relating to the above-referenced project. The undersigned Bidder hereby proposes to furnish all labor, materials, equipment, tools, transportation, permits, incidentals and supplies required to complete the project in full accordance with the contract documents for the following price(s), in the form of a grand total lump sum amount noted below (which includes the Hawaii General Excise Tax of four and seven twelve percent (4.712%)).

GRAND TOTAL BASE BID (Sum of Base Bid + Extension-Term Bid):

_____ **DOLLARS (\$_____)**

2. The Bidder shall complete this Form of Bid ("Bid" or "Bid Form") for all the itemized line items in the Base Bid Schedule and Extension-Term Bid Schedule, if applicable. If any or all itemized line items are removed from the executed contract, the contract time and the contract cost will be adjusted accordingly.
3. In submitting this Bid, it is understood that the award of contract will be made to the lowest responsive and responsible bidder for the GRAND TOTAL BASE BID amount, subject to the availability of funds.
4. Failure to complete this Bid in its entirety may cause the Bid to be considered non-responsive and may result in rejection of this Bid.
5. **Contract Term.** The time of completion for this project shall be 1,460 calendar days from the date of commencement indicated in the Notice to Proceed. HHFDC may extend the contract term by no more than 730 calendar days at the given unit

prices stated in the Extension-Term Bid Schedule submitted with this Bid. Any extension of the Contract time shall be mutually agreed upon in writing in the form of a supplemental agreement executed prior to contract expiration.

6. By submitting this bid, the undersigned also agrees and/or attests to the following:

- (a) Bidder is registered and/or licensed to do business in the State of Hawaii and will pay such taxes on all sales made to the State of Hawaii.
- (b) The information provided is accurate to the best of bidder's knowledge and the contracting officer is authorized to contract on behalf of the firm and confirm the stated information.
- (c) If awarded a contract for this Bid, Bidder shall comply with section 103B-3(a), HRS and ensure that Hawaii residents compose not less than eighty per cent of the workforce employed to perform the contract on a particular construction project, as determined under subsection (b). Prior to an award of a contract, the contractor may withdraw a bid without penalty if the contractor finds that it is unable to comply with this subsection.
- (d) That the estimated quantities in this Bid are approximate only and are subject to increase or decrease.
- (e) To complete the work whether the estimated quantities are increased or decreased at the unit prices stated in this Bid.
- (f) That the estimated quantities in this Bid are only for the purpose of comparing bids offered for the work on a uniform basis, and that the undersigned is satisfied with and will at no time dispute the estimated quantities as a means of comparing the bids.
- (g) To make no claim for anticipated profit or loss of profit because of a difference between the quantities of the various classes of work done or the material and equipment actually installed and the estimated quantities.
- (h) That if the UNIT PRICE multiplied by the estimated quantity does not equal the total price of any item in this Bid, the correct total price of the item shall be the amount arrived at by multiplying the UNIT PRICE by the estimated quantity.
- (i) That for UNIT PRICE items, payment will be made only for the actual number of units completed at the UNIT PRICE.

- (j) That the UNIT PRICE for each item in this Bid includes the cost of all materials, equipment, labor and all other incidental work required for the completion of the work.
- (k) That the basis of comparison will be the Grand Total Base Bid.
- (l) That all bids submitted include the State of Hawaii general excise tax of **4.712%**.
- (m) **That allowance work will be paid for on a cost-plus twenty percent (20%) for overhead and profit, for work done by the Contractor's own forces, and cost-plus ten percent (10%) for overhead and profit, for work done by the Contractor's subcontractor.** Furthermore, the HHFDC may require the Contractor to submit invoices, receipts and/or other information as needed.
- (n) Bidder agrees to pay liquidated damages and has completed, signed and submitted with this Bid the Acknowledgment of Liquidated Damages Form.
- (o) Bidder declares that its firm was not assisted or represented by an individual who has, in a State capacity, been involved in this project or this proposed contract in the past two consecutive years.
- (p) That HHFDC reserves the right, in its sole discretion, to reject any or all bids.
- (q) That this Bid may not be withdrawn within 60 calendar days subsequent to the opening of bids or any extension of time as may be requested by the Director.
- (r) That upon acceptance of this Bid, the undersigned will enter into, execute and deliver a contract in the prescribed form by HHFDC, and current state and federal tax clearances within ten (10) days after the Contract is presented to the undersigned for signature or within such further time as the Director may allow.
- (s) That by submitting this proposal, the undersigned is declaring that if awarded a contract, the undersigned will comply with Section 11-355, HRS, which prohibits campaign contributions from State and County government contractors during the term of their contract, where the contractor is paid with funds appropriated by a legislative body.

7. The following documents shall be submitted with this Bid Form:

- (a) **Form of Non-Default Affidavit**, attesting that the undersigned is not in default of any contract with the State of Hawaii.

- (b) **Form of Non-Collusive Affidavit**, attesting that the undersigned has not entered into any collusion with any other person with respect to the submission of this Bid or any other bid for the work.
- (c) **Form of Non-Gratuity Affidavit**, attesting that the undersigned has not given or made any agreement to give any gift or gratuity in any form whatsoever to any employee of HHFDC, the employee's relatives or agents.
- (d) **Certification for Safety and Health Programs for Offers in excess of \$100,000**, certifying that the undersigned will have a written safety and health plan for this project.
- (e) **Statement of Bidder's Contractor Experience.**
- (f) A valid and current **Hawaii Compliance Express (HCE) Certificate** of Vendor Compliance or ALL of the following items below:
- Current tax clearances from the Director of the Department of Taxation and the Internal Revenue Services.
 - Certificate of Good Standing from the Department of Commerce and Consumer Affairs.
 - Certificate of Compliance from the Department of Labor and Industrial Relations.
- (g) A copy of **Bidder's General or Specialty Contractor License(s).**
8. By submission of this Bid, the Bidder certifies that it has indicated all apprenticeable trades it will employ for this project (excluding subcontractors) by listing all the applicable trades below:

Bidder **must** submit a complete, valid Form1 for each apprenticeable trade indicated above to qualify for the preference.

9. If this solicitation is being conducted on HlePRO, bidder agrees that awards made for this solicitation, if any, shall be done through the HlePRO system and shall therefore be subject to a mandatory .75% (.0075) transaction fee, not to exceed \$5,000 for the total contract term. This transaction fee shall be based on the total sales made against this contract, payable to Hawaii Information Consortium, LLC (HIC), the vendor administering HlePRO. As such, while award of the Bid will be made to the lowest responsive, responsible bidder based on the Grand Total Bid amount, the initial award amount posted in HlePRO will be for the initial term of the contract only and may therefore be less than the Grand Total Bid.

HIC shall invoice the vendor directly for payment of transaction fees. Payment must be made to HIC within thirty (30) days from receipt of invoice. HIC is an intended third-party beneficiary of transaction fees, which are used to fund the operation, maintenance and future enhancements of the HlePRO system.

10. Receipt of the following addenda (if any) issued by the HHFDC is acknowledged by the date(s) of receipt indicated below:

Addendum No. 1 _____ Addendum No. 5 _____

Addendum No. 2 _____ Addendum No. 6 _____

Addendum No. 3 _____ Addendum No. 7 _____

Addendum No. 4 _____ Addendum No. 8 _____

It is understood that failure to receive any such Addendum shall not relieve the Bidder from any obligation of this Bid.

OFFICIAL ADDRESS

BIDDER:

Company

Authorized signature

Name: _____

Title: _____

Date: _____

Failure to submit this form with the bid may be cause for rejection of the bid.

BASE BID SCHEDULE

Item No.	Estimated Quantity	Description	Unit Price	Total
1.	24	Bimonthly. Areas "A" and "B" (Entries at Kealanani Avenue and Kama'aha Avenue), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
2.	24	Bimonthly. Areas "C" and "D" (Interior Roads Rights-of-Ways: Kealanani Avenue, Kama'aha Avenue and Kama'aha Loop, Kaiau Avenue along Paeko Gardens and median), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
3.	24	Bimonthly. Area "E" (Northwest Corner) inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
4.	24	Bimonthly. Area "G" (0.67 acre Vacant Parcel) inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
5.	24	Bimonthly. Area "H" (Farrington Highway Makai), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
6.	24	Bimonthly. Area "I" (Fort Barrette Road shoulder from Kama'aha Avenue to Farrington Highway), inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
7.	24	Bimonthly. Area "J" (Bisecting Park), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
8.	24	Bimonthly. Areas "K" and "L" (Kapolei Parkway and median at lower Kama'aha Avenue adjacent to Kapolei Middle School) inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____

9.	24	Bimonthly. Area "R" (Kuloa Avenue medians) and Area "S" (Kowelo Avenue Entry, Kowelo Avenue median and shoulders, Common Area Lots at Oaheae Way and Kolili Place), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly \$ _____ \$ _____
10.	24	Bimonthly. Irrigation maintenance service for maintenance areas A, B, C, D, H, J, L, R, S, inclusive of weekly inspections of irrigation system. Each Bimonthly \$ _____ \$ _____
11.	4	Yearly. Area "T" (Portion of Maintenance Yard by Non-potable Reservoir), inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per year. Each Annually \$ _____ \$ _____
12.	1	Allowance for irrigation repairs and replacement, including re-seeding of affected areas, subject to HHFDC's prior approval (submit force account rates) Allowance \$ <u>600,000.00</u>
13.	1	Allowance for Plant Removal and Replacement, Regrassing, dead animal removal, and Miscellaneous, subject to HHFDC's prior approval (submit force account rates) Allowance \$ <u>300,000.00</u>

Total Sum, Items 1 through 13
Inclusive for **BASE BID**

\$ _____

BASE BID (Item No. 1 through Item 13 of the Base Bid) (which includes the State of Hawaii General Excise Tax of four and seven twelve percent (4.712%)):

_____ DOLLARS (\$ _____).

The initial contract term shall be for **1,460 calendar days** from the date indicated in the Notice to Proceed.

EXTENSION-TERM BID SCHEDULE

Item No.	Estimated Quantity	Description	Unit Price	Total
14.	12	Bimonthly. Areas "A" and "B" (Entries at Kealanani Avenue and Kama'aha Avenue), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
15.	12	Bimonthly. Areas "C" and "D" (Interior Roads Rights-of-Ways: Kealanani Avenue, Kama'aha Avenue and Kama'aha Loop, Kaiu Avenue along Paeko Gardens and median), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
16.	12	Bimonthly. Area "E" (Northwest Corner) inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
17.	12	Bimonthly. Area "G" (0.67 acre Vacant Parcel) inclusive of mowing, brush overgrowth, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
18.	12	Bimonthly. Area "H" (Farrington Highway Makai), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
19.	12	Bimonthly. Area "I" (Fort Barrette Road shoulder from Kama'aha Avenue to Farrington Highway), inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
20.	12	Bimonthly. Area "J" (Bisecting Park), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____
21.	12	Bimonthly. Areas "K" and "L" (Kapolei Parkway and median at lower Kama'aha Avenue adjacent to Kapolei Middle School) inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly	\$ _____	\$ _____

22.	12	Bimonthly. Area "R" (Kuloa Avenue medians) and Area "S" (Kowelo Avenue Entry, Kowelo Avenue median and shoulders, Common Area Lots at Oahehe Way and Kolili Place), inclusive of planting, mowing, hedge trimming, trash removal, and inspection, <u>once</u> per two (2) months. Each Bimonthly \$ _____ \$ _____
23.	12	Bimonthly. Irrigation maintenance service for maintenance areas A, B, C, D, H, J, L, R, S, inclusive of weekly inspections of irrigation system. Each Bimonthly \$ _____ \$ _____
24.	2	Yearly. Area "T" (Portion of Maintenance Yard by Non-potable Reservoir), inclusive of mowing, brush overgrowth removal, trash removal, and inspection, <u>once</u> per year. Each Annually \$ _____ \$ _____
25.	1	Allowance for irrigation repairs and replacement, including re-seeding of affected areas, subject to HHFDC's prior approval (submit force account rates) Allowance \$ 400,000.00
26.	1	Allowance for Plant Removal and Replacement, Regrassing, dead animal removal, and Miscellaneous, subject to HHFDC's prior approval (submit force account rates) Allowance \$ 200,000.00

Total Sum, Items 14 through 26
Inclusive for **EXTENSION-TERM BID**

\$ _____

EXTENSION-TERM BID (Item No. 14 through Item 26 of the Extension-Term Bid) (which includes the State of Hawaii General Excise Tax of four and seven twelve percent (4.712%)):

DOLLARS (\$ _____).

The extended contract term shall be for an additional **730 calendar days**.

ACKNOWLEDGEMENT OF LIQUIDATED DAMAGES

Project: Villages of Kapolei Irrigation Repairs and Landscape Maintenance
Kapolei (Ewa), Oahu, Hawaii, TMK (1) 9-1-16:por.99, various
IFB No. 23-001-K85-S

This is to certify that the undersigned understands and agrees to the provisions for liquidated damages contained in the bid to which this acknowledgement is attached, and that submittal of a bid constitutes acceptance of the provision and amount of liquidated damages for delay that shall assessed at \$150.00 per calendar day.

By: _____

Firm: _____

Date: _____

Failure to submit this form with the bid may be cause for rejection of the bid.

WAGE CERTIFICATE

Project: Villages of Kapolei Irrigation Repairs and Landscape Maintenance
IFB No. 23-001-K85-S

The undersigned bidder certifies that in performing the services required for the above project, the services will be performed under the following conditions:

- a. Pursuant to Section 103-55 and Section 103-55.5, Hawaii Revised Statutes, the services to be rendered shall be performed by employees paid at wages or salaries not less than wages paid to the public officers and employees of similar work. For example, the General Laborer I hourly rate is currently a minimum of \$22.08. The *Classification Specification and Minimum Qualification Requirements* and *Salary Schedules* may be obtained from the Department of Human Resources Development web site below:

<http://dhrd.hawaii.gov/state-hr-professionals/class-and-comp/>

- b. All applicable laws of the federal and state governments relating to workers' compensation, unemployment compensation, payment of wages, and safety will be fully complied with.
- c. Any construction repair work performed in excess of \$2,000 will require that employees be paid per Chapter 104, Hawaii Revised Statutes, Wages and Hours of Employees on Public Works. **Irrigation repair work shall be subject to Chapter 104, HRS prevailing wages.** The published Hourly Wage Rate Schedule may be obtained from the Department of Labor and Industrial Relations web site below:

<https://labor.hawaii.gov/wsd/prevailing-wages-wage-rate-schedule/>

Weekly certified payroll and labor standards documents shall be submitted to HHFDC.

By: _____
Signature

Name: _____

Offeror: _____

Date: _____

Failure to submit this form with the Bid may be cause for rejection of the Bid.

LISTING OF JOINT CONTRACTORS AND SUBCONTRACTORS

The following shall be attached to and be considered a part of the bid:

The bidder certifies that the following is a complete listing of all joint contractors or subcontractors covered under Hawaii Revised Statutes, Chapter 444, who will be engaged by the bidder on this Project to perform the nature and scope of work indicated pursuant to Hawaii Revised Statutes, section 103-29 and understands that failure to comply with this requirement shall be just cause for rejection of the bid.

The bidder further understands that only those joint contractors or subcontractors listed shall be allowed to perform work on this Project and that all other work necessary shall be performed by the bidder with his own employees. If no joint contractor or subcontractor is listed, it shall be construed that all the work shall be performed by the bidder with his own employees.

All bidders must be sure that they possess and that the subcontractors listed in the proposal possess all the necessary specialty licenses needed to perform the work for this project. The bidder shall be solely responsible for assuring that all specialty licenses required to perform the work are set forth in his bid.

The following is a list of the contractor licenses that HHFDC anticipates is required to completed this Project. PLEASE NOTE that this list is not exclusive and additional licenses may be required. It is the sole responsibility of the contractor to review requirements of the job to determine the appropriate licenses that are required to complete the job.

C-27 Landscape Contractor

(Complete Firm Name and Contractor's License No. and indicate whether Joint Contractor or Subcontractor)

Name of Joint Contractor or Subcontractor	Nature and Scope of Work	License Number and Specialty Classification Number

Failure to submit this form with the bid may be cause for rejection of the bid.

BIDDER INFORMATION

Bidder must provide the following information:

1. Name of Bidder _____
(company)

Office Address _____

Contact Person _____
2. Bidder acknowledges that it is a (check one):
☐ Hawaii Business
☐ Compliant Non-Hawaii Business
3. Liability coverage is carried by:

Commercial General Liability: _____

4. General/Specialty Contractor License: _____
5. Listed below are the names and addresses of three references for whom the bidder has provided or is currently providing maintenance services similar to the services to be provided herein:

	<u>Agency or Firm</u>	<u>Address</u>	<u>Contact Person</u>
(1)	_____	_____	_____
(2)	_____	_____	_____
(3)	_____	_____	_____

Failure to submit this form with the bid may be cause for rejection of the bid.

REVISED
GENERAL REQUIREMENTS

GENERAL

- 1.01 GENERAL PROVISIONS: The General Conditions of the Contract and any supplementary conditions as agreed upon between the HHFDC and the Contractor are a part of this Contract and shall govern the Work.
- A. DESCRIPTION OF PROJECT: This project shall cover irrigation repairs and landscape maintenance services at the Villages of Kapolei, as described herein.
- B. The work areas include those areas identified in the “Description of Areas” contained herein. Contractor shall review the identified areas in the field and inform HHFDC of any identified discrepancies between the identified areas and the field condition prior to commencement of work.

1.02 WORK COVERED BY THE CONTRACT DOCUMENTS:

The Work includes but is not limited to the following:

- A. Operation and maintenance of the irrigation and sprinkler system, to include equipment cleaning, adjustment, repair and replacement.
- B. Service and repair of electrical equipment appurtenant to the irrigation sprinkler system.
- C. Mowing, weeding, trimming around trees and signs, and edging of lawn areas; weeding, trimming and edging of ground covers; hedge trimming; removal of overgrowth.
- D. Removal and replacement of shrubs, lawn areas, and ground covers.
- E. Pesticide application (herbicide, insecticide, fungicide, and other approved pesticide).
- F. Pruning of shrubs.
- G. Removal of leaves, trash and debris.
- H. Clearing gutters, swales and ditches.
- I. Removal and disposal of dead animals.
- J. Maintenance of any additional area not described herein within the Villages of Kapolei which is incorporated into the Work as agreed upon by HHFDC and the Contractor.

1.03 GENERAL REQUIREMENTS:

- A. SCOPE. The Contractor shall furnish supervision, labor, equipment and incidentals necessary to perform all work as described in these General Requirements and in the Bid Documents.
- B. DESCRIPTION OF WORK. Refer to the Technical Specifications attached to this IFB for specifications and further description of the work to be performed.
- C. WORK SCHEDULE. Prior to commencement of the work, the Contractor shall provide a schedule for the work to be completed. All scheduled work performed by the Contractor shall be in accordance with these General Requirements.
- D. WORK INSPECTION. Verification of completed work by the HHFDC Inspector is a requirement of this contract for the approval of payments to the Contractor. Therefore, the Contractor shall notify the HHFDC at least seven (7) calendar days prior to submitting invoices for payment for work performed under this Contract. Failure to do so may delay the approval and processing of the requested partial payment. Refer to the HHFDC General Conditions for additional inspection requirements.

1.04 TIME OF COMPLETION: The time of completion for all work in the Contract shall be as specified in the Form of Bid. Any extension of Contract time will be subject to the approval of the Executive Director as indicated in these General Requirements.

1.05 CONTINGENCY: An allowance, as specified in the Form of Bid, is reserved for unforeseen or emergency work related to this Contract. If necessary, additional inspection work shall be based on the unit prices as provided by the Contractor in the Form of Bid. The contingency allowance shall be applied to work only as authorized by HHFDC and performed by the Contractor. Work shall not commence on any allowance work prior to issuance of written authorization of HHFDC, except in emergency cases. Further, the HHFDC may require that the Contractor submit invoices, receipts or other information, prior to payment.

1.06 DESCRIPTION OF AREAS: Landscape and General Maintenance shall be performed as required in these General Requirements and shall be limited to the areas described herein and as noted in attached Figure(s), including the General Site Location Map (Figure 1), except as modified in writing by HHFDC. The total estimated aggregate area of the areas described below is approximately 44 acres.

A. Areas "A" and "B" (Entries at Kealanani Avenue and Kama'aha Avenue):

- 1. Area "A" - Kealanani Entry. This area consists of the landscaped parcels on both sides of the entry to Kealanani Avenue from Farrington Highway. (See Figure 2). This area is irrigated automatically, with the irrigation controller located on the west side of the entry.

2. Area "B" - Kama'aha Entry. This area consists of the landscaped parcels on both sides of the entry to Kama'aha Avenue from Fort Barrette Road. (See Figure 3). This area is irrigated automatically, with the irrigation controller located on the north side of the entry.

B. Areas "C" and "D" (Interior Roads Right-of-Ways and Common Areas):

1. Area "C" - Kealanani Avenue. This area consists of the landscaped median within the proposed City and County of Honolulu rights-of-way, the landscaped strip between the curb and the sidewalk, and the landscaped strip between the sidewalk and the perimeter wall on each side of the roadway. (See Figure 4). This area is approximately 2.9 acres. Where there is no wall, the landscaped strip on each side of the rights-of-way shall be measured from the outermost edge of the sidewalk to a distance of 13' away from the sidewalk. This area is irrigated automatically with the irrigation controller located near Farrington Highway.
2. Area "C" - Kumu Iki Street Entry "A". This area also includes the landscaped lots on both sides of the entry to Kumu Iki Street from Kealanani Avenue. (See Figure 4A). *This area is irrigated automatically with battery-operated irrigation valves.*
3. Area "D" - Kama'aha Avenue. This area consists of the landscaped median within the proposed City and County of Honolulu rights-of-way, the landscaped strip between the curb and the sidewalk, and the landscaped strip between the sidewalk and the perimeter wall on each side of the roadway. This area is approximately 4.8 acres. Where there is no wall, the landscaped strip on each side of the rights-of-way shall be measured from the outermost edge of the sidewalk to a distance of 13' away from the sidewalk. (See Figure 4). This area is irrigated automatically with the controllers located on the north side Kama'aha Avenue on both corners of the Kealanani Avenue and Kama'aha Avenue intersection.
4. Area "D" - Kama'aha Loop. This area includes two landscaped medians within the proposed City and County rights-of way at the intersection of Kama'aha Avenue and Kama'aha Loop. (See Figure 4). *The landscaped medians are irrigated automatically with battery-operated irrigation valves located in the medians.*
5. Area "D" - Kumu Iki Street Entry "B". This area also includes the landscaped lots on both sides of the entry to Kumu Iki Street from Kama'aha Avenue. (See Figure 4B).
6. Area "D" – Kaiu Avenue Entry "A". This area also includes the landscaped corner lots at the Western entry to Kaiu Avenue from Kama'aha Avenue

(across from the dead-end of Kaana Street, near Fort Barrette Road), as well as the median in Kaiu Avenue at that entry location (See figure 4C).

C. Area "E" (Northwest Corner):

1. This area consists of approximately 19 acres bounded by Farrington Highway to the north, the Kumu Iki subdivision wall to the south, Kealanani Avenue to the east, and Fort Barrette Road to the west. It shares a boundary with the Daniel Akaka State Veterans Home to the south and east of the parcel. (See Figure 5). This area has automatic irrigation by remote control valves and pop-up rotor sprinkler heads with the controller located at the west side of the Kealanani entry.

D. Area "G": (Vacant .67 acre Parcel at Kama'aha Loop)

1. This area consist of approximately .67 acre of unimproved lot between the Kapolei Elementary School and Kapolei Recreation Center. The area is not irrigated. (This lot is being considered for conveyance to others and may be deleted from the maintenance work.)

E. Area "H" (Farrington Highway Shoulder - Makai):

1. This area consists of approximately 0.5 acre of landscaped area on the makai shoulder of Farrington Highway, between Kealanani Avenue and the Kapolei Golf Course Road and is bounded by the concrete sidewalk and the perimeter wall. (See Figure 7). Landscaping consists mainly of wax leaf ficus shrubs and common zoysia el-toro grass. Zoysia el toro grass begins from Papaiaulu Avenue and ends at the Kapolei Golf Course Entrance.

F. Area "I" (Fort Barrette Road Shoulder):

1. Area "I" - Fort Barrette Road Shoulder (Kumu Iki Wall). This area parallels Fort Barrette Road and bounded by the roadway pavement and the subdivision wall. This area extends from the northernmost corner of the subdivision wall to the southernmost corner of the subdivision wall. This area is approximately 15 feet wide, beginning from edge of wall and extends 15 feet into the shoulder, but does not extend to the pedestrian path. This area is generally unimproved. This area does not include the entry way at Area "B". (See Figure 6).

G. Area "J" (Bisecting Park):

1. This area consists of approximately 2.4 acres of landscaped area (including seashore paspalum), bounded by Villages 5, Village 6, Kapolei Parkway, and Kaiu Avenue. (See Figure 8). **Maintenance shall include the median at Kaiu Avenue.** This area is irrigated automatically with two irrigation controllers within its limits.

H. Area "K" (Kapolei Parkway):

1. This area consists of all medians and shoulders of Kapolei Parkway, from the intersection of Ft. Barrette Road to the start of the bridge over drainage channel (by maintenance yard, Area "T"), and includes the shoulder areas approximately 13 feet from the edge of the sidewalk. (See Figure 9 and Figure 9A). This area consists of approximately 3.5 acres of sloped or unimproved future landscape strips about 13 feet behind the sidewalk and approximately 3.4 acres of ungrassed median and ungrassed planting strip between the sidewalk and the roadway curb. This area is not irrigated, except for the 7 monkeypod trees in the median, which are manually irrigated.

I. Area "L" (Portion of Kama'aha Avenue by Kapolei Middle School):

1. This area consists of all landscaping within the Kama'aha Avenue roadway right-of-way adjacent to the Kapolei Middle School southern boundary, including the shoulder and median strips. (See Figure 10). This area is irrigated automatically with battery-operated irrigation valves in the median and Kapolei Parkway.

J. Areas "R" and "S" (Rights-of Ways and Common Areas):

1. Area "R" - Kuloa Avenue Medians. This area consists mainly of the landscaped medians on Kuloa Avenue, which includes shrubs, ground cover, and grass (See Figures 11a and 11b). The medians on Kuloa Avenue are irrigated automatically by irrigation controllers located at the Villages of Kapolei Association's landscaped entry lots at each end of Kuloa Avenue.
2. Area "S" - Kowelo Avenue Entry, Kowelo Avenue Median and shoulders, and Common Area Lots at Oaheahe Way and Kolili Place: This area consists of the Kowelo Avenue Roadway rights-of-way above Kolili Street, Kowelo Avenue Entry and median, adjacent landscape lots on Oaheahe Way and Kolili Place. The landscaped common area lots on Oaheahe Way and Kolili Place are situated on the opposite side of the Kowelo Avenue Entry walls. (See Figure 12). This area excludes planter strips which are adjacent to residential driveways. This area is irrigated automatically by a controller located at the east side of the Kowelo Entry lot.

K. Areas "T" (Portion of Maintenance Yard):

1. This area consists of a portion of the fenced maintenance yard from Kapolei Parkway, Upper Drainage Channel, Kapolei Middle School and to back fence by Non-potable Reservoir (See Figure 14). The area will have overgrowth removed and may be used for staging of equipment. This area is not irrigated.

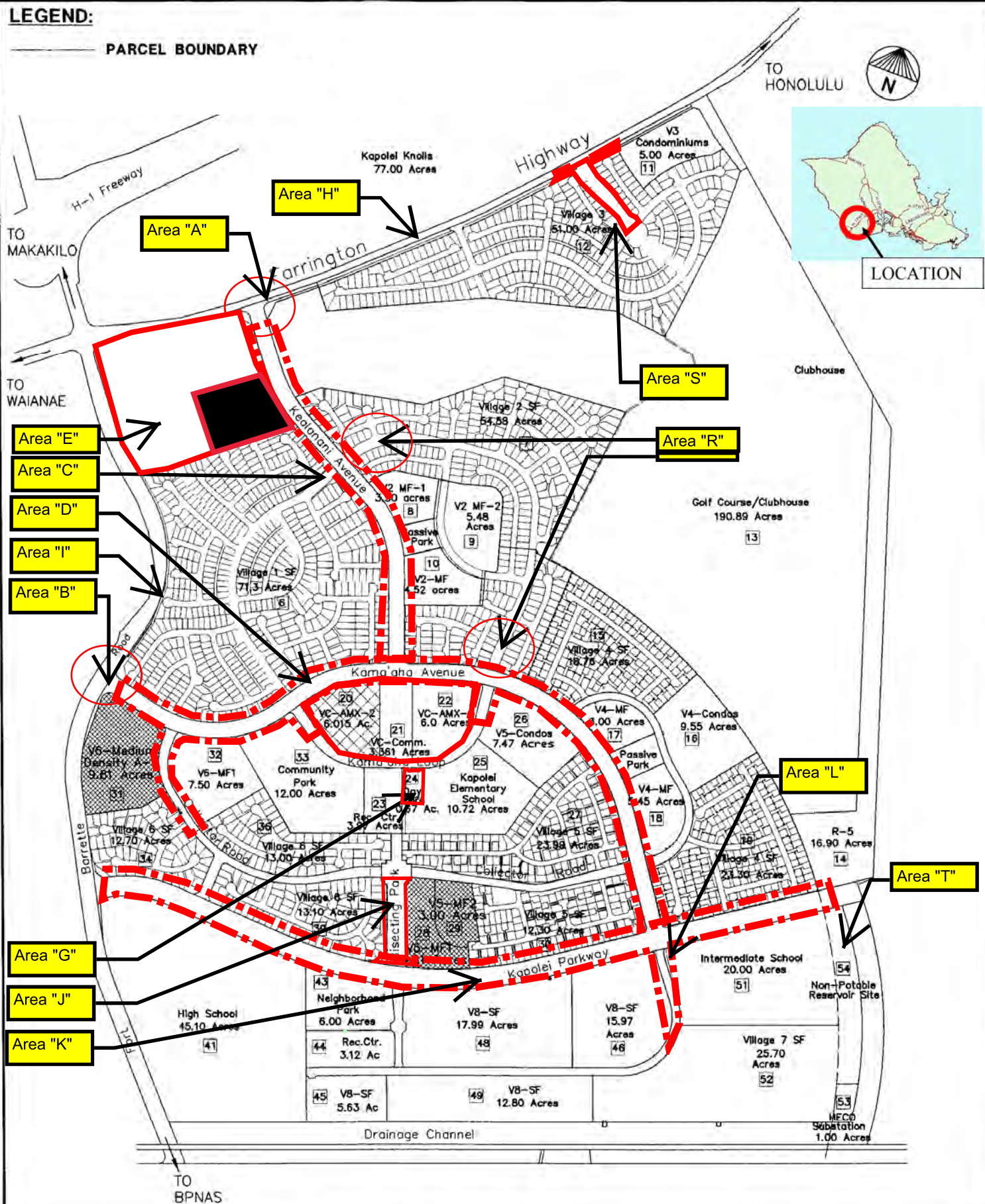
L. LIST OF FIGURES:

The figures below are not to scale:

Figure 1	Villages of Kapolei General Site Location Map
Figure 2	Map of Area A (Farrington Highway and Kealanani Avenue Entry.)
Figure 3	Map of Area B (Fort Barrette Rd and Kama'aha Ave. Entry)
Figure 4	Map of Areas C and D (Kealanani Ave. and Kama'aha Ave.)
Figure 4A	Map of Kumu Iki Street Entry "A" at Area C.
Figure 4B	Map of Kumu Iki Street Entry "B" at Area D.
Figure 4C	Map of Kaiiau Avenue Entry "A" at Area D.
Figure 5	Map of Area E (Northwest Corner)
Figure 6	Map of Area I along Fort Barrette Road shoulder/Kumu Iki wall
Figure 7	Map of Area H along Farrington Highway - Malanai Wall
Figure 8	Map of Area J (Bisecting Park)
Figure 9	Map of Area K (Kapolei Parkway)
Figure 9a	Area K - Kapolei Parkway roadway typical cross-section
Figure 10	Map of Area L (Kama'aha Avenue, south of Kapolei Parkway)
Figure 11a	Map of Area R (Kuloa Avenue Median, from Kama'aha Avenue)
Figure 11b	Map of Area R (Kuloa Avenue Median, from Kealanani Avenue)
Figure 12	Map of Area S (Kowelo Avenue Rights-of-Way, Kowelo Avenue Entry and Common Area Lots at Oahehe Way and Kolili Place)
Figure 13	Location of Irrigation Controllers
Figure 14	Map of Area T (Portion of Maintenance Yard by Non-Potable Reservoir Site)

LEGEND:

PARCEL BOUNDARY



VILLAGES OF KAPOLEI

GENERAL SITE LOCATION MAP
- Not to Scale -

Figure 1
Villages of Kapolei -
Landscape Maintenance

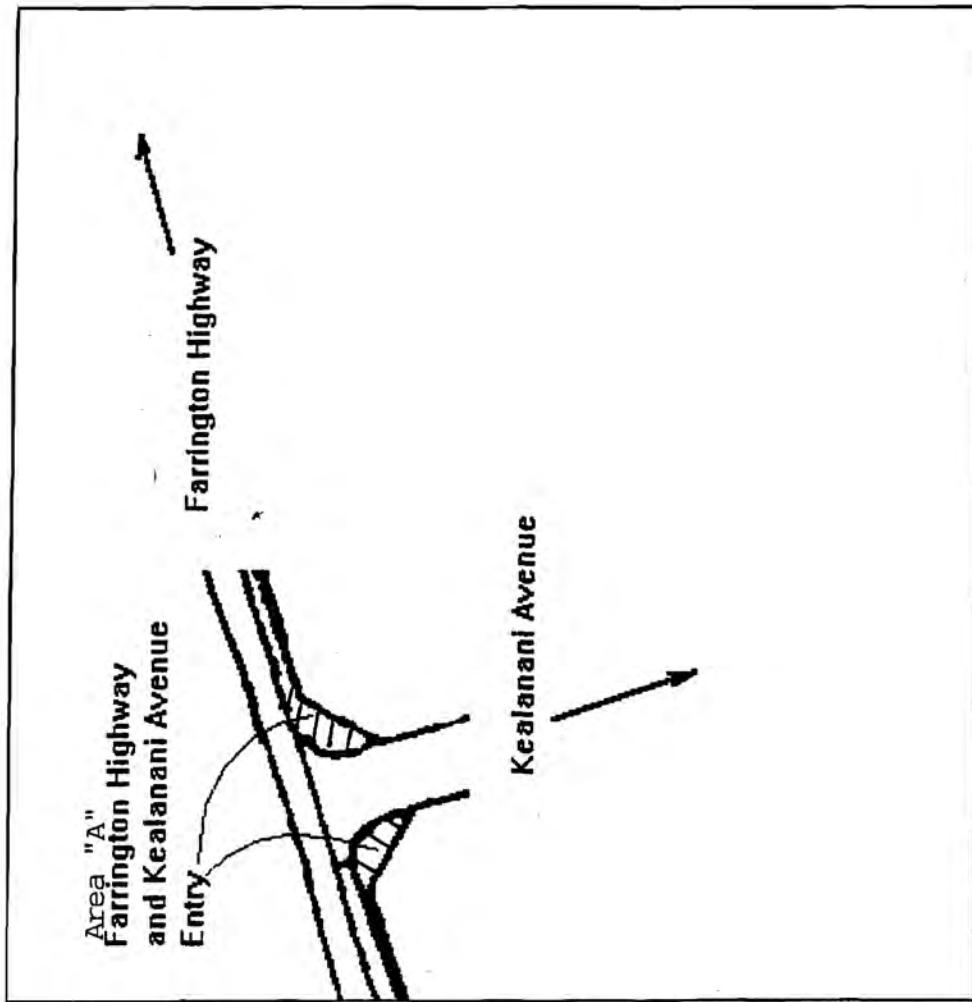


FIGURE 2
Map of Area "A"
(Farrington Highway and
Kealanani Ave Entry)

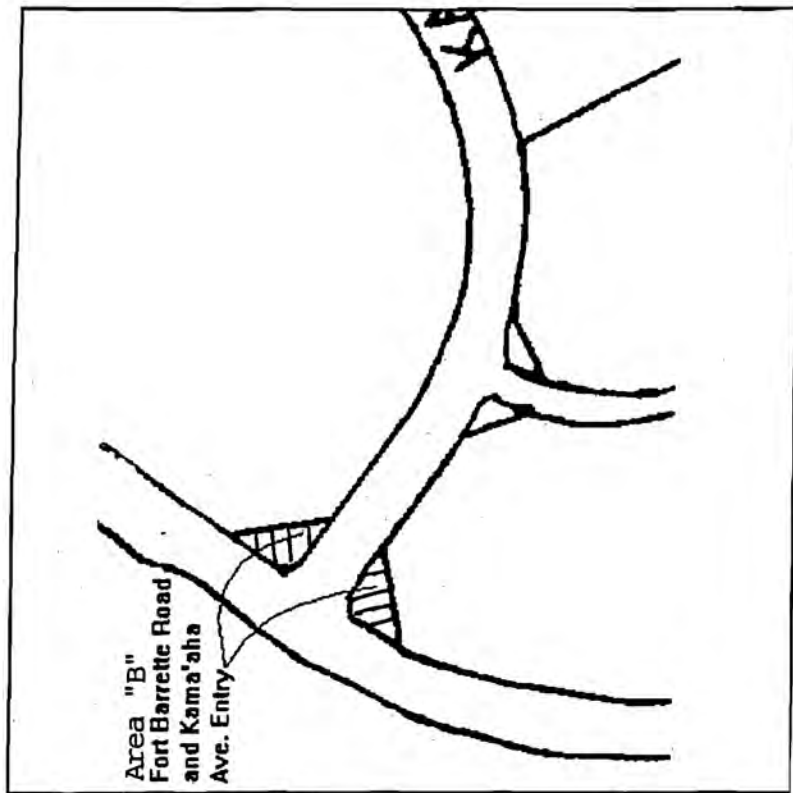
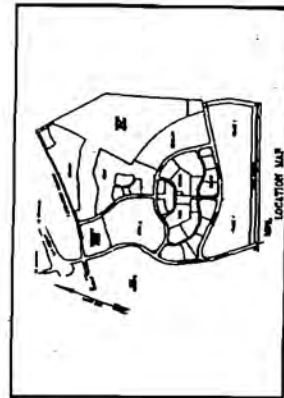
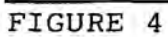


FIGURE 3
Map of Area "B"
(Fort Barrette Rd.
and Kama'aha Ave
Entry)





LOCATION MAP

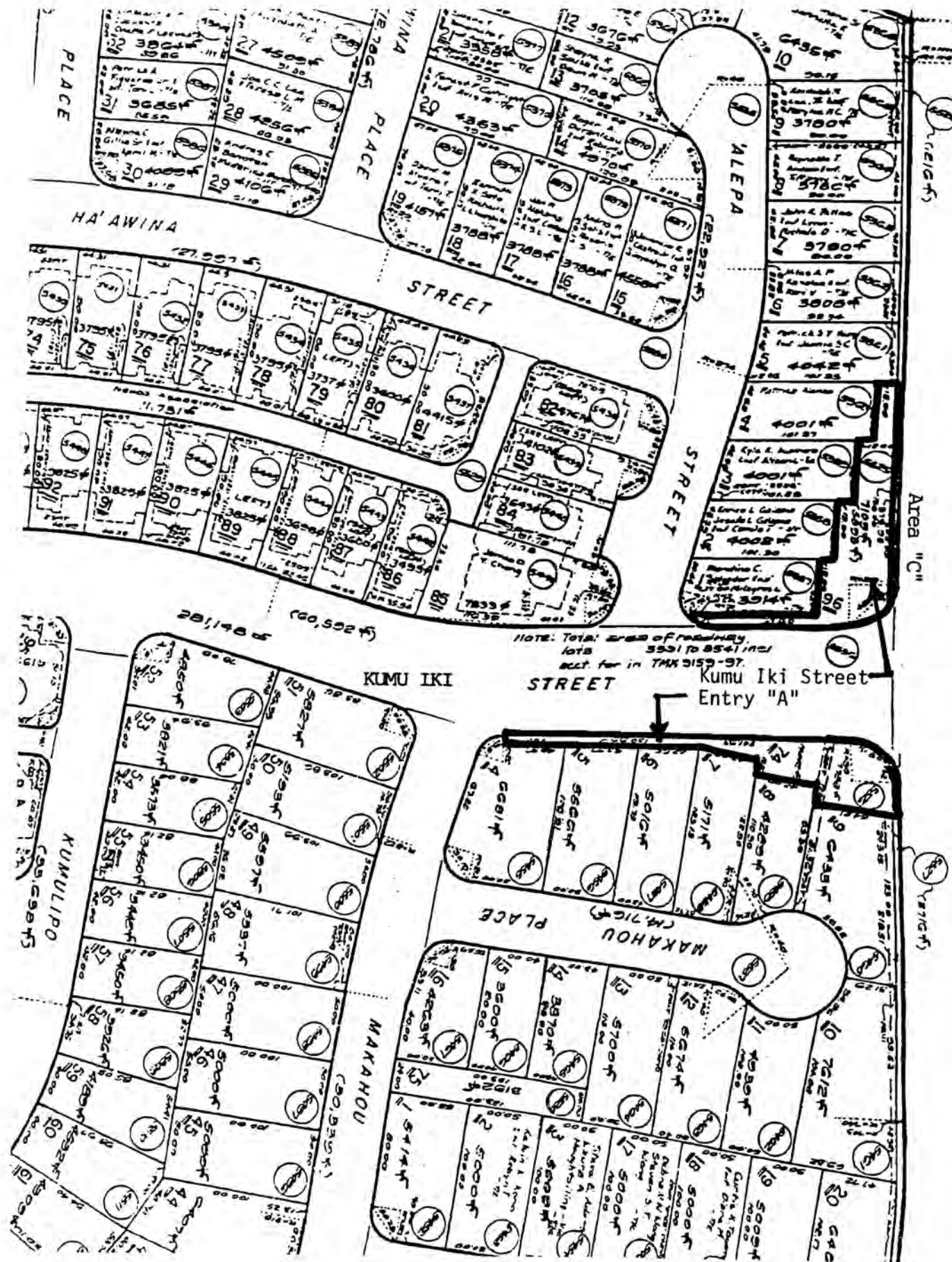


Figure 4A
 Map of Kumu Iki Street
 Entry "A" at Area "C"

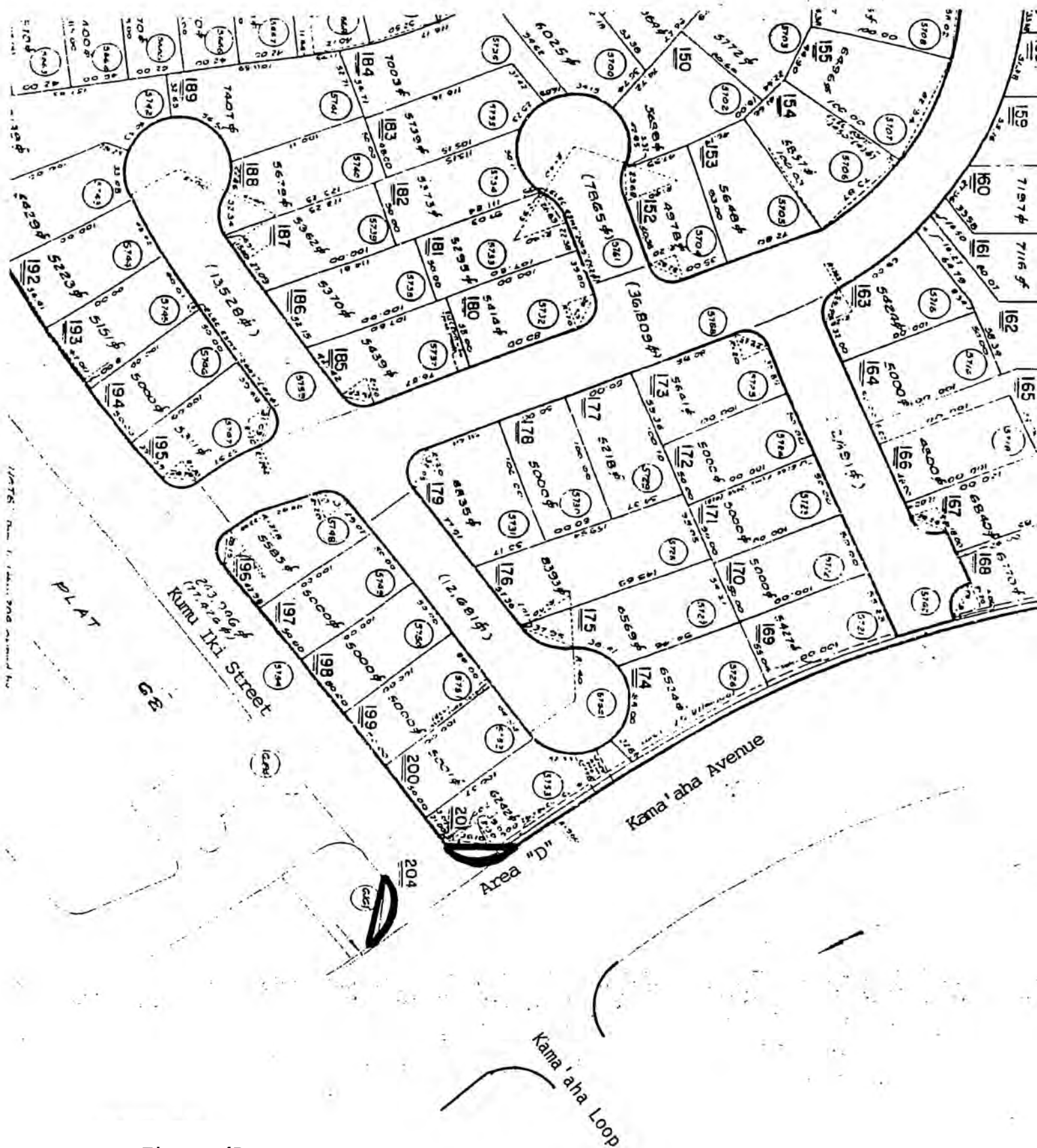
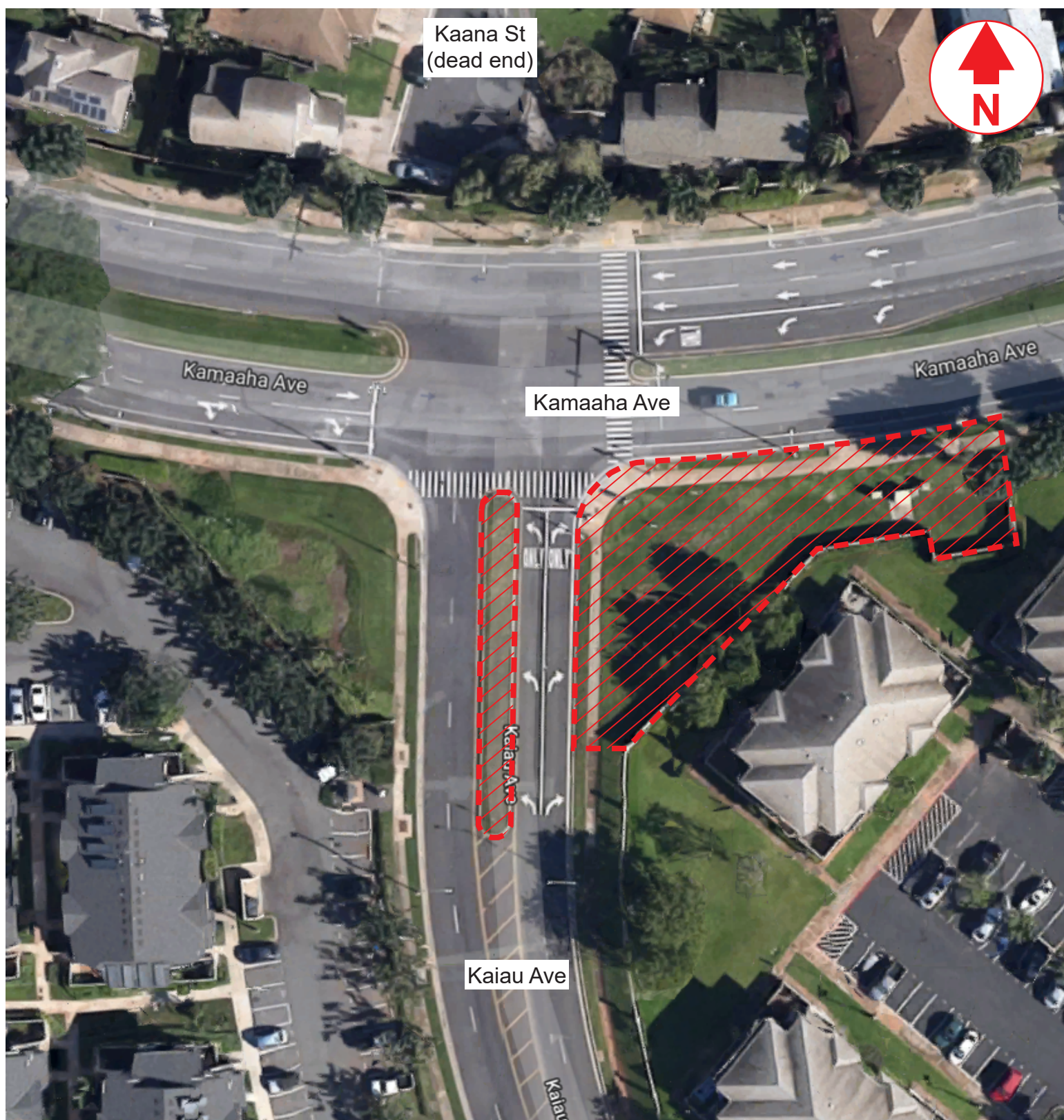


Figure 4B

Map of Kumu Iki Street
Entry "B" at Area "D"



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Figure 4C

Kaiu Avenue Entry "A" at Area "D"

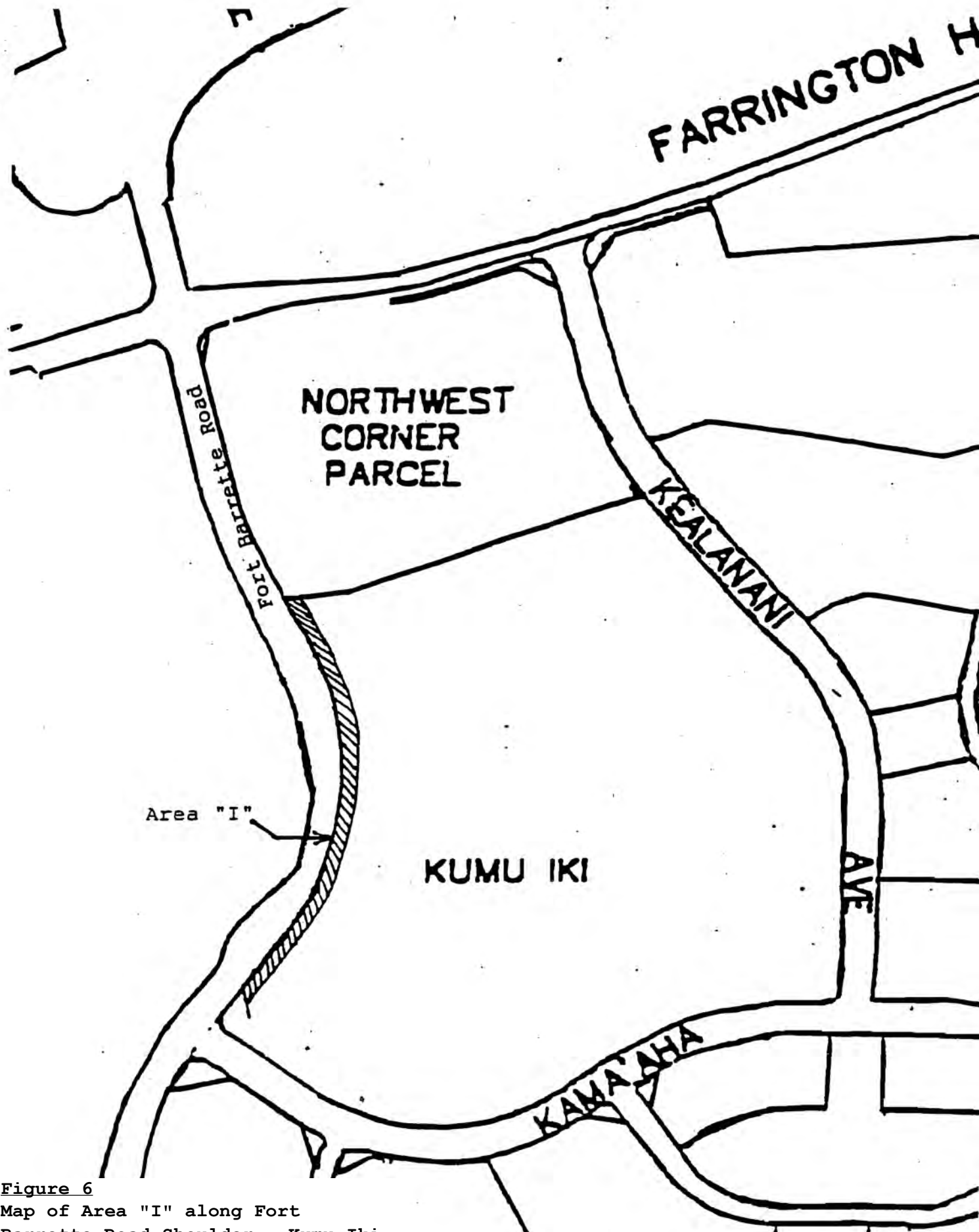


Figure 6
Map of Area "I" along Fort
Barrette Road Shoulder - Kumu Iki
Wall)

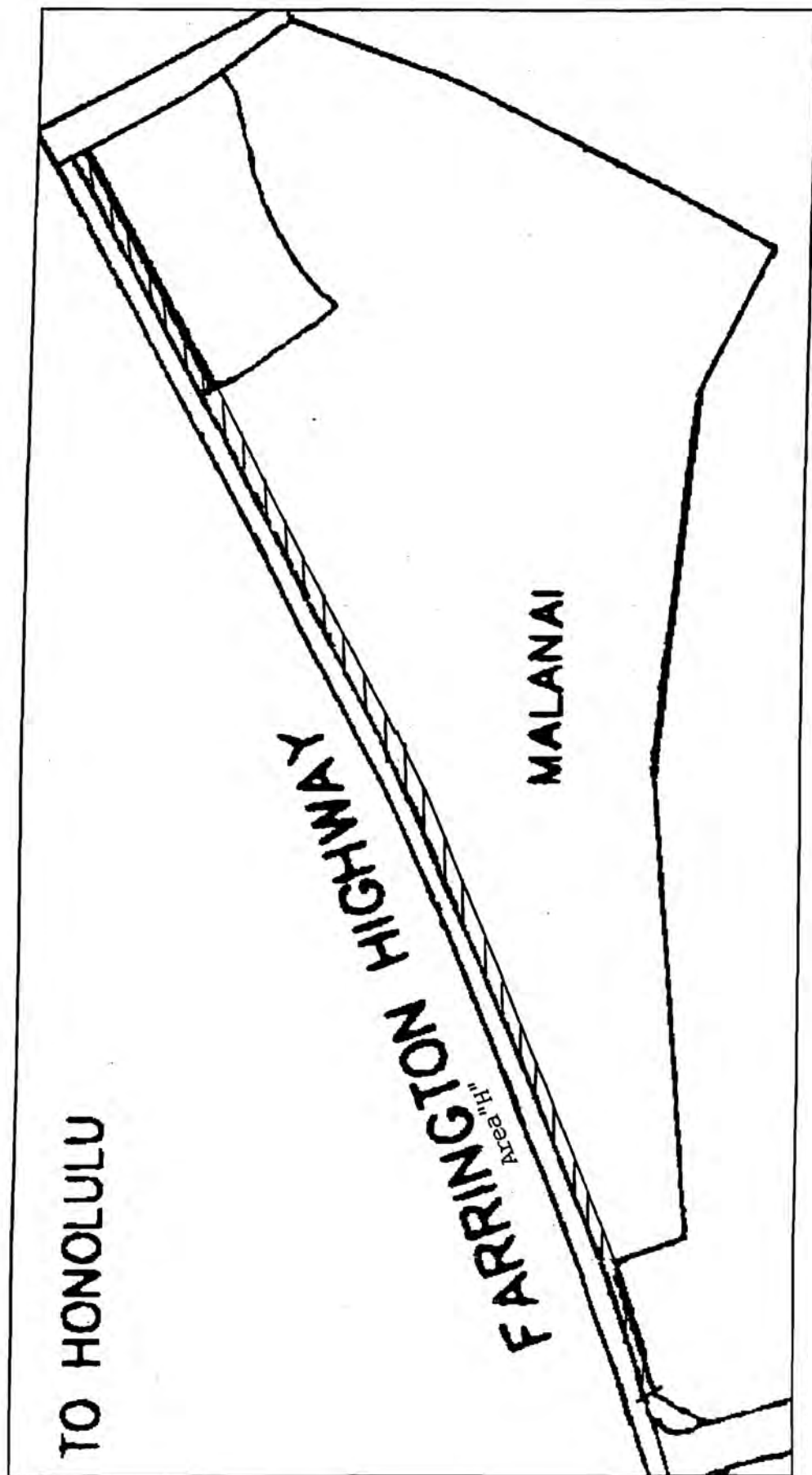
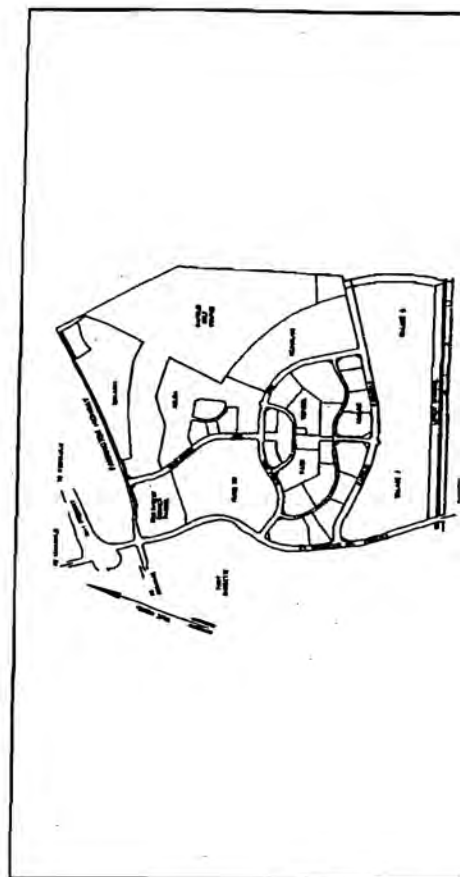


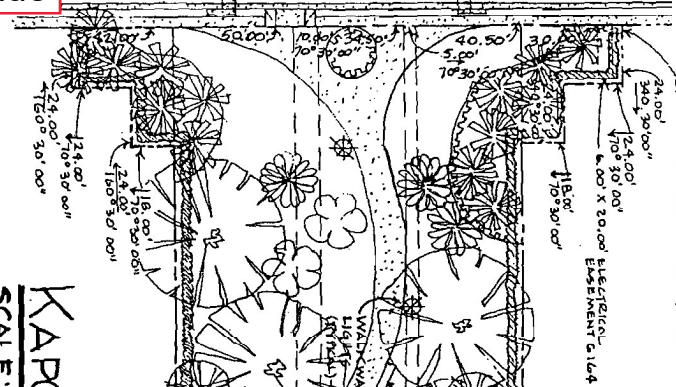
FIGURE 7
Map of Area "H"
(along Farrington Highway)



Includes Median
at Kaiiau Avenue

KAIKIU AVENUE

308.00' 70° 30' 00"



VILLAGE 5

AREA "J"

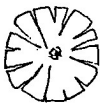
VILLAGE 6

KAPOLEI VILLAGE BISECTING PARK

SCALE: 1" = 30'-0"

LEGEND

MONKEYPOD TREE



KUKUI NUT TREE



DARK PINK PLUMERIA



LOULU FAN PALMS



PAKENIKENI TREES



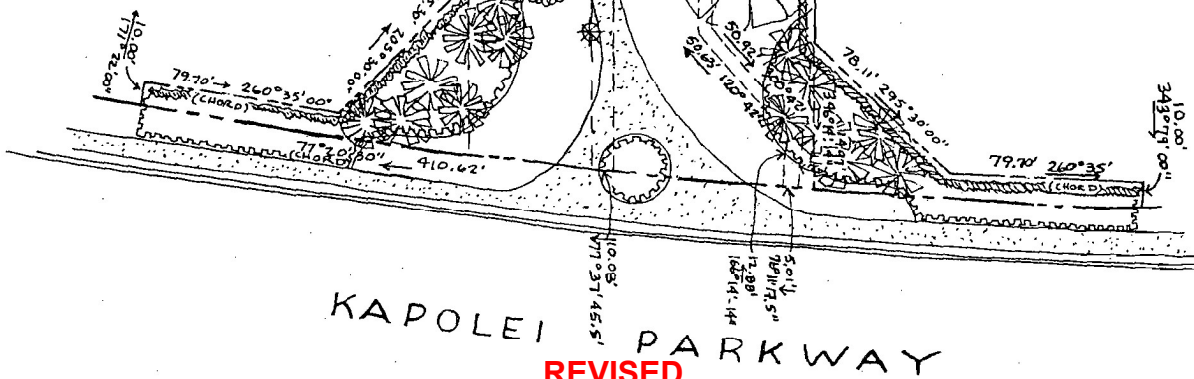
SINGAPORE PLUMERIA



TEMPLE FIRE BOUGAINVILLEA

MOCK ORANGE HEDGE

NOTE: ALL GRASS IS SEASHORE PASPALUM



KAPOLEI PARKWAY

REVISED

Figure 8
Map of Area "J"

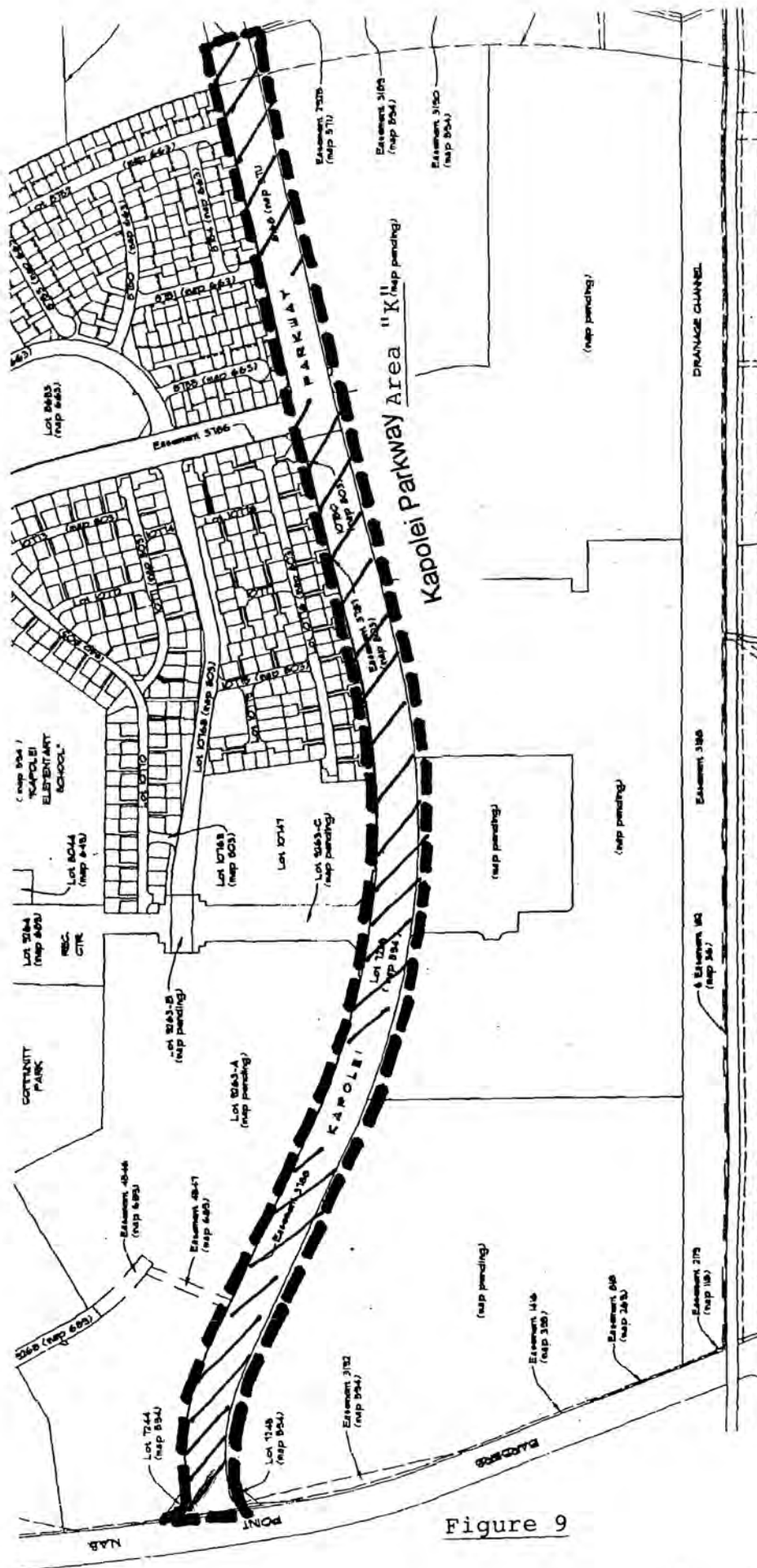
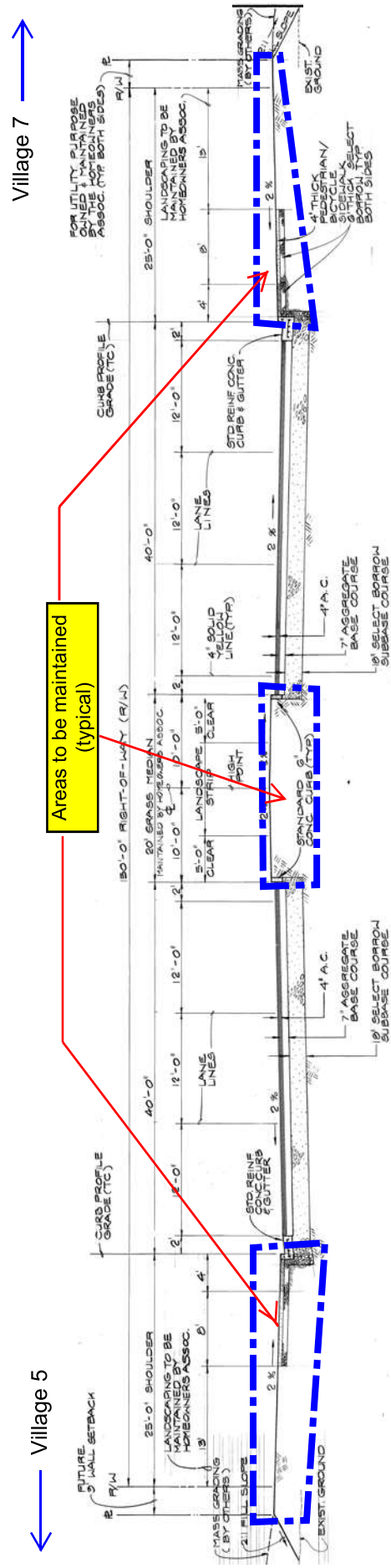


Figure 9



TYPICAL ROAD SECTION ~150 FT. RIGHT-OF-WAY

Kapolei Parkway (Area "K")

Cross-section

Not to scale

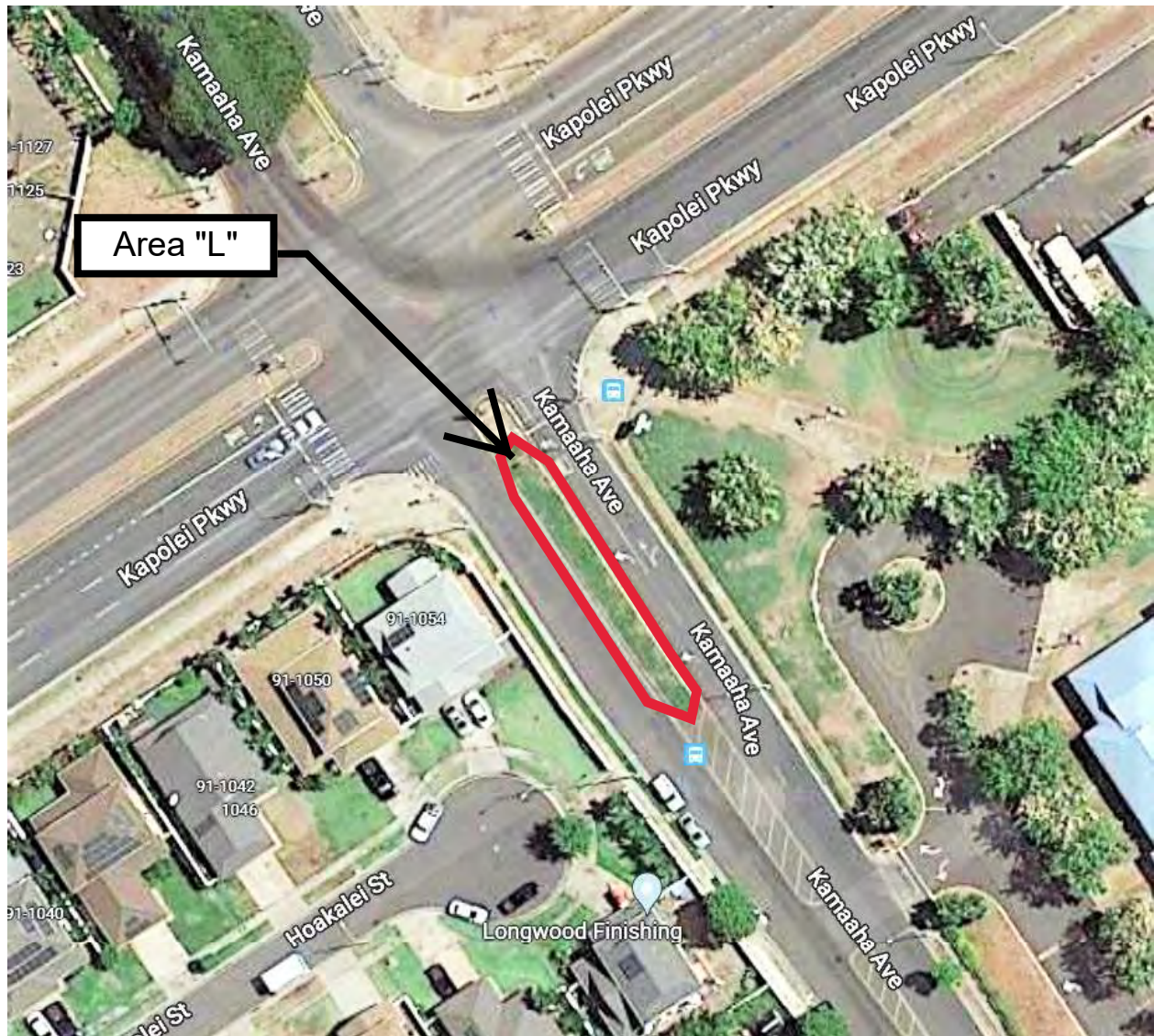


Figure 10

Map of Area "L"

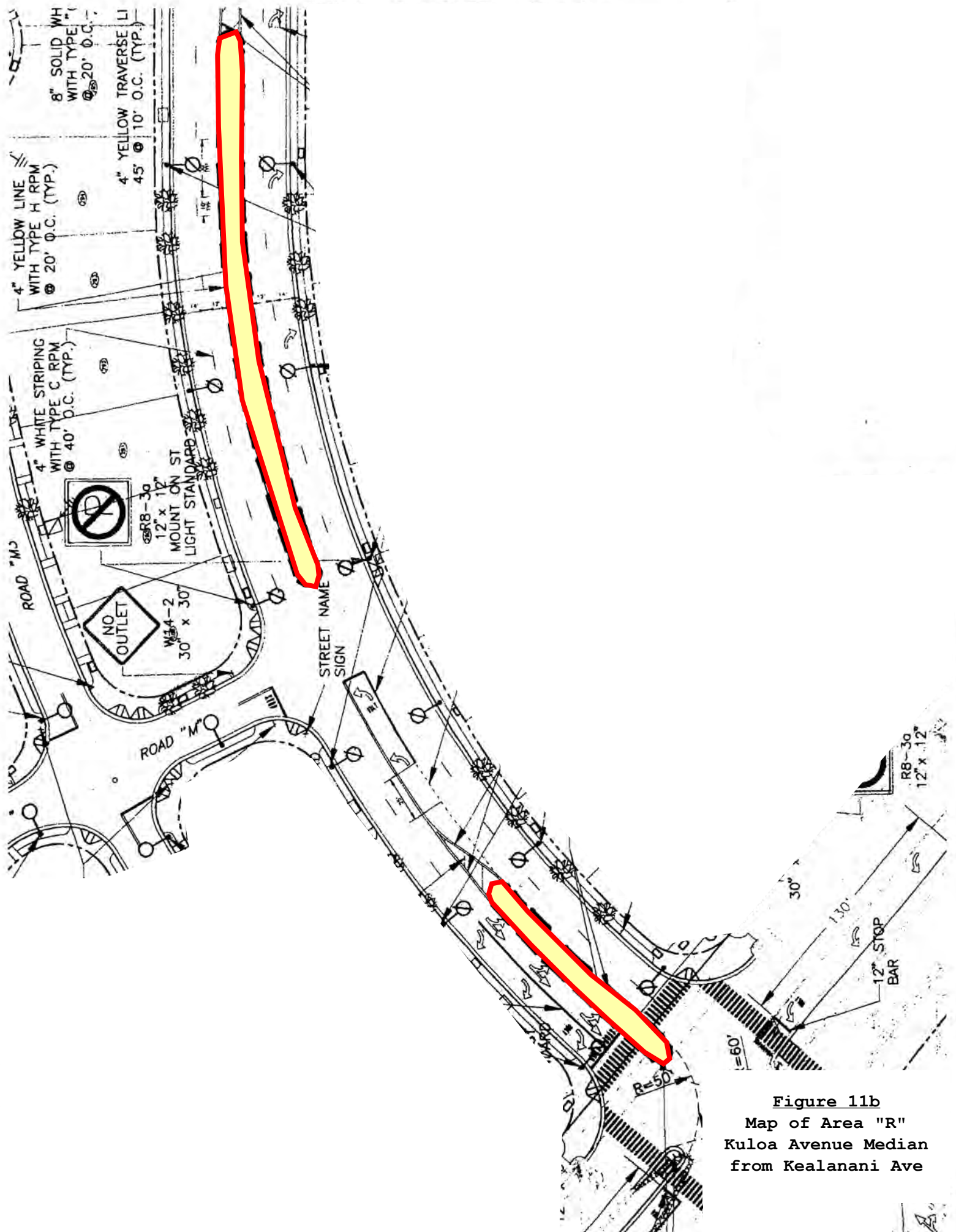


Figure 11b
 Map of Area "R"
 Kuloa Avenue Median
 from Kealanani Ave

FARRINGTON HIGHWAY

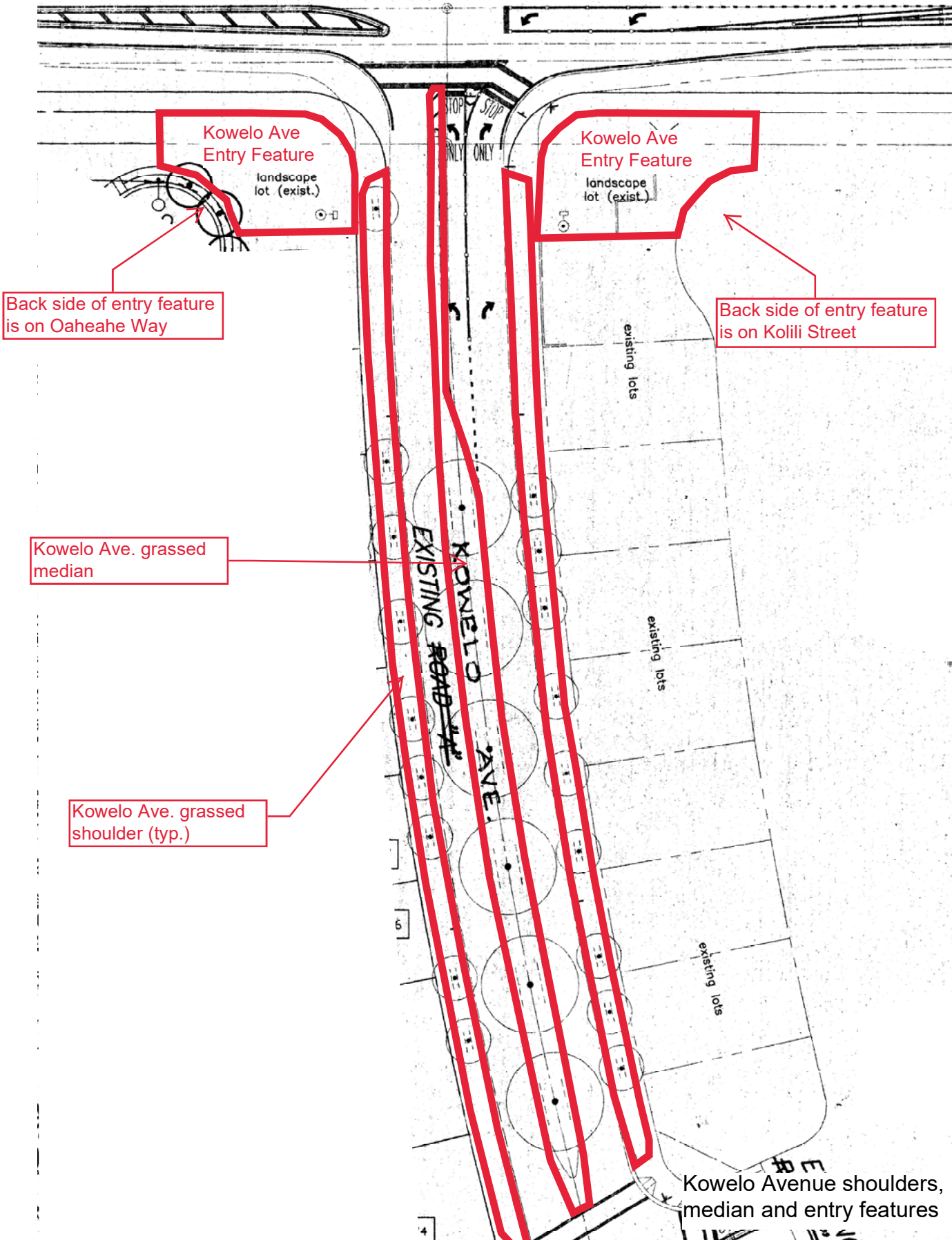


Figure 12
Map of Area "S"

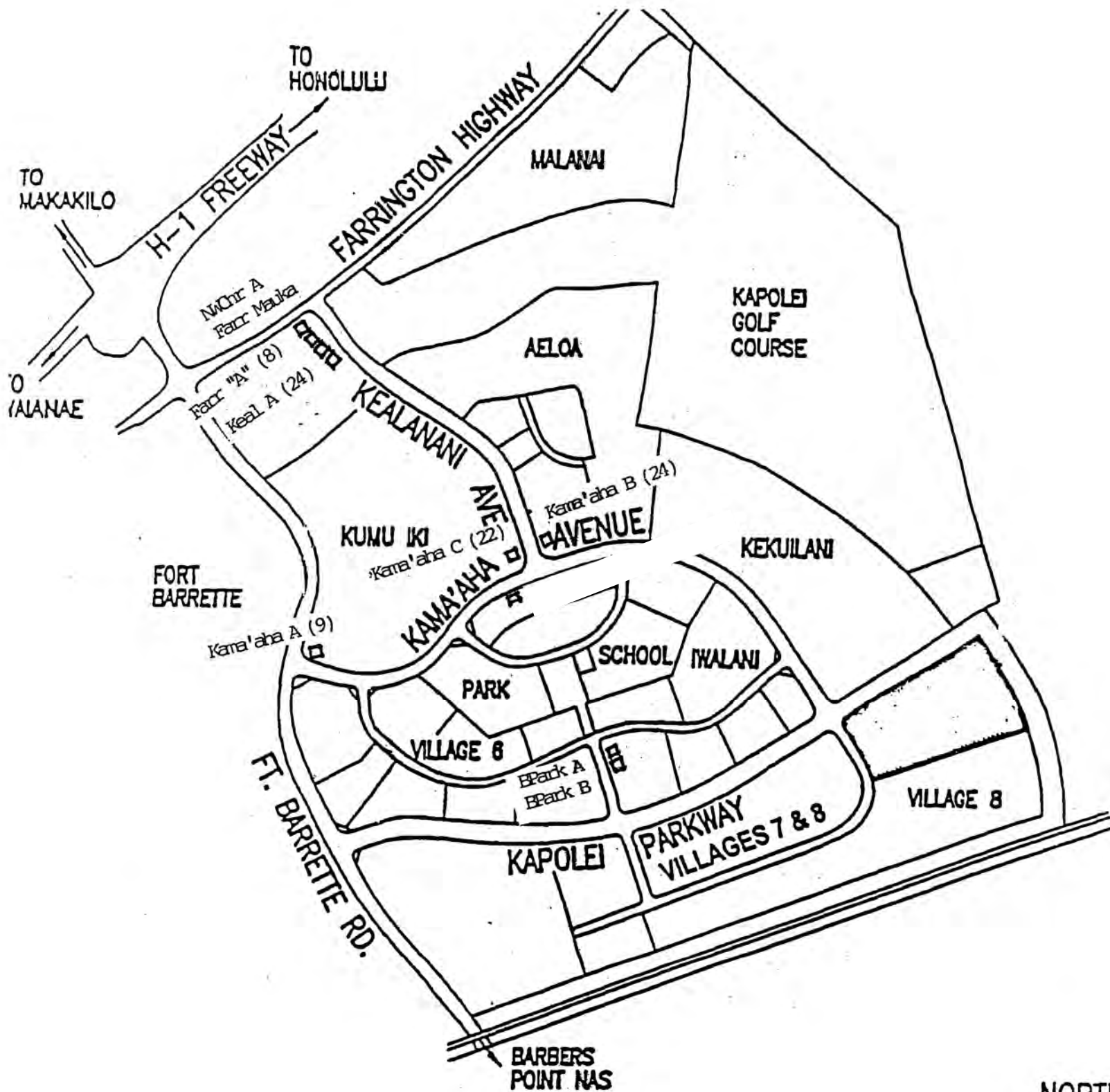


Figure 13

VILLAGES OF KAPOLEI
LOCATION OF IRRIGATION CONTROLLERS



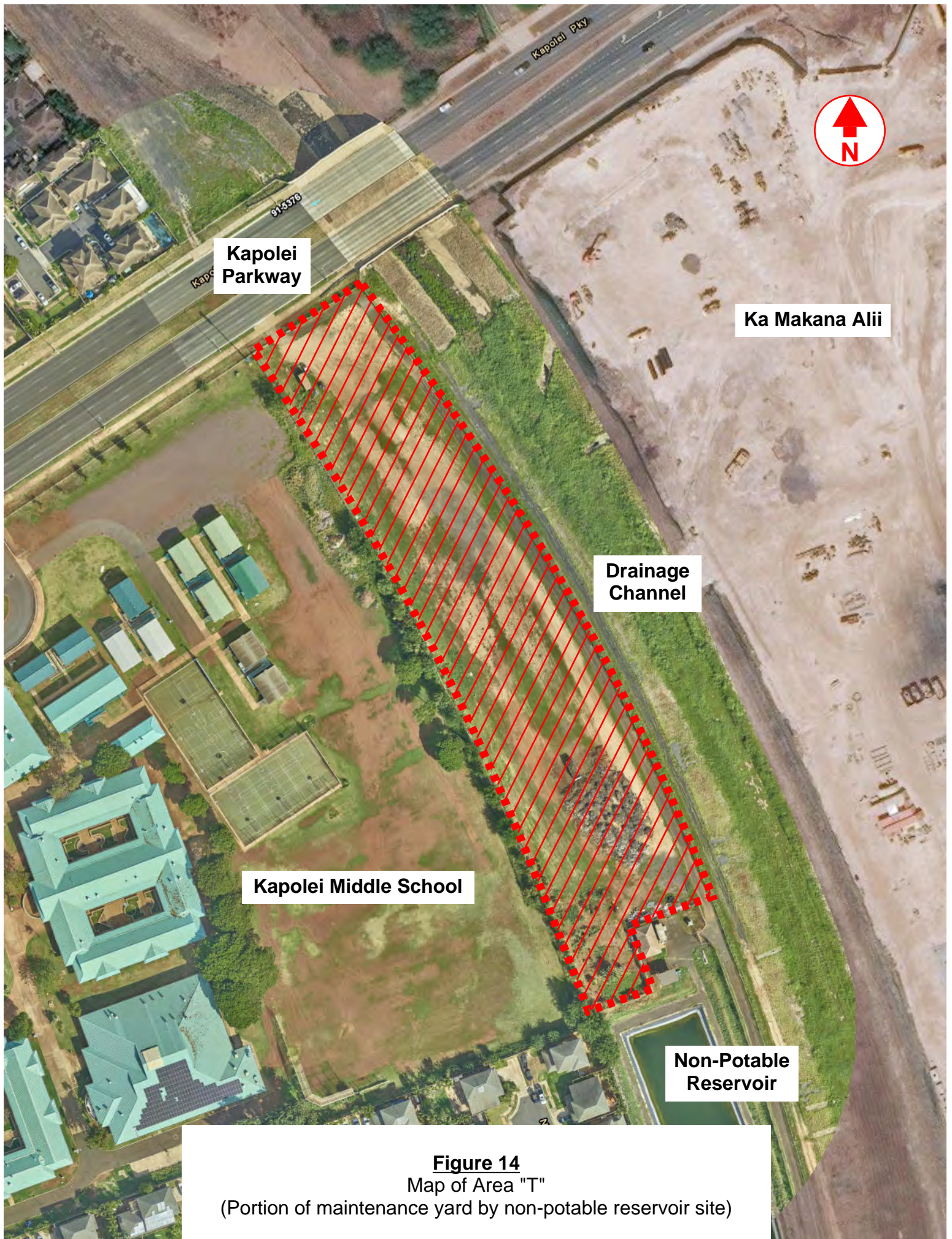


Figure 14
Map of Area "T"
(Portion of maintenance yard by non-potable reservoir site)