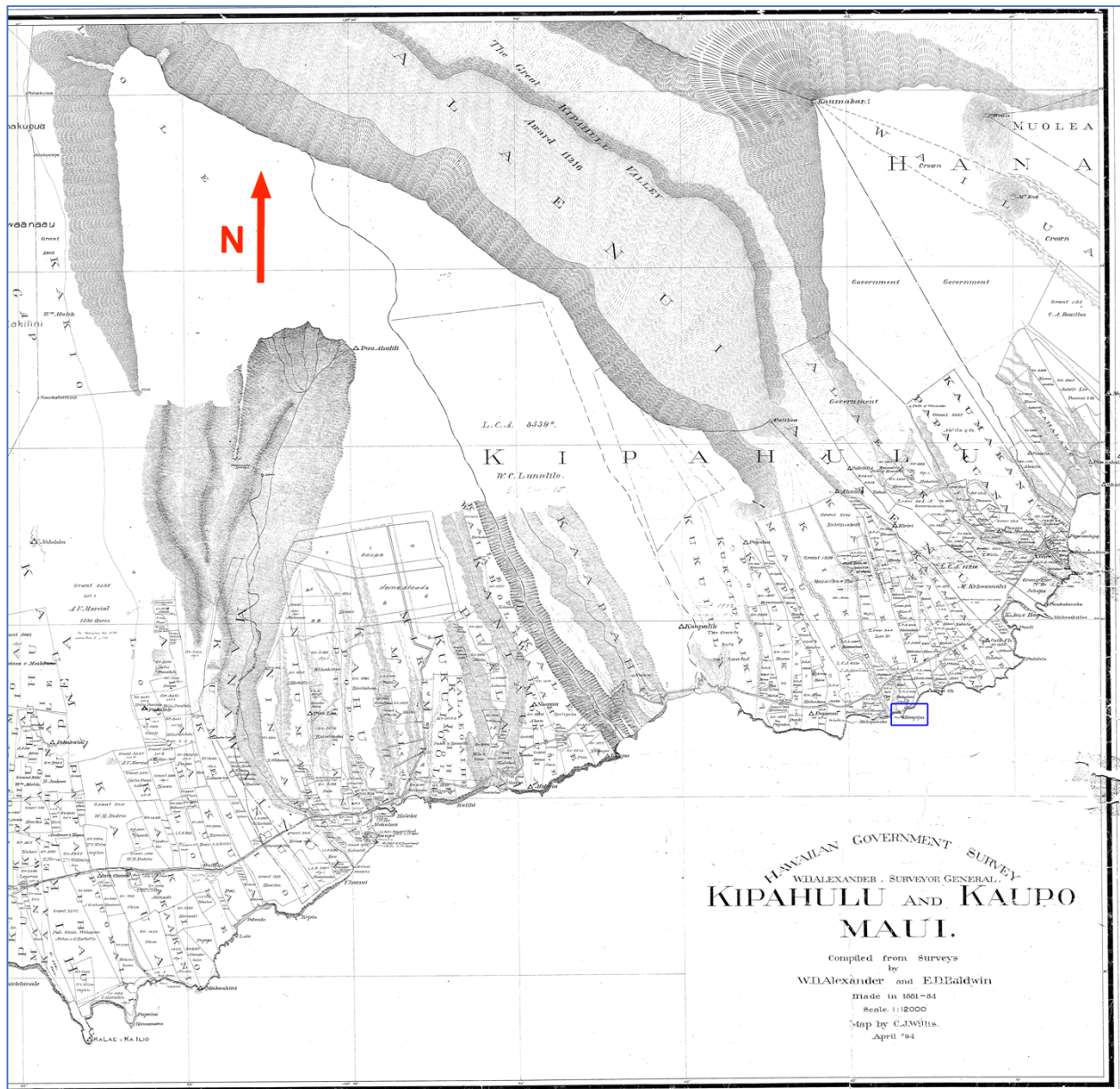


Otsubo Monument Works
Name of Property

Honolulu, Hawai'i
County and State

Historic Kaopipa–Kīpahulu–Kaupō Maui Maps

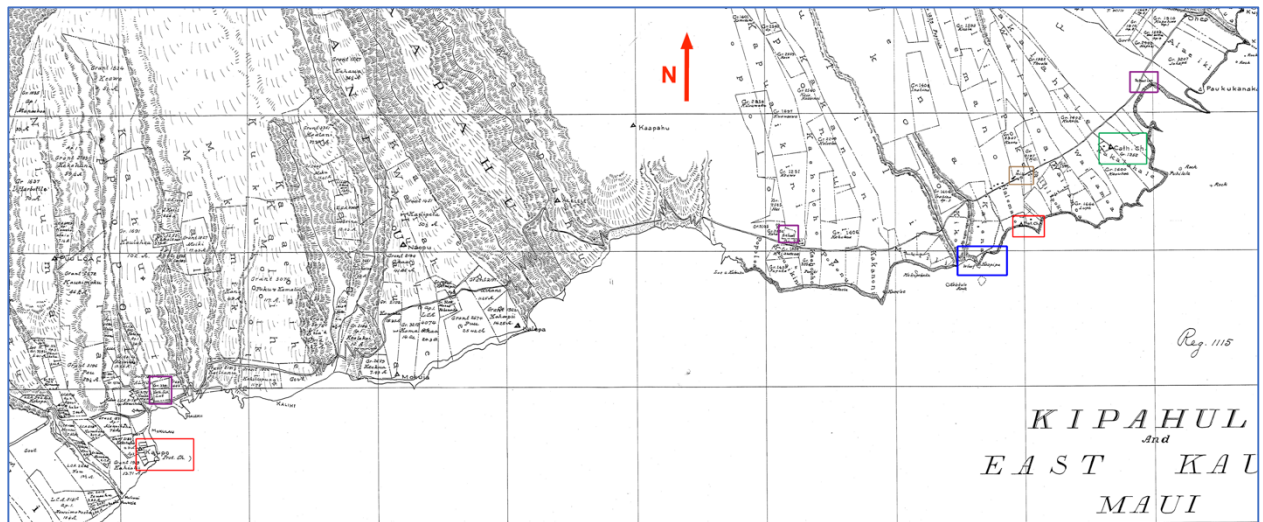
- 11. 1894 Historic Kīpahulu and Kaupō Maui Reg1782WIDE, Government Survey Office 1881-84, W.D. Alexander and E.D. Baldwin, surveyors-cartographers, showing Kaopipa area in the blue rectangle.



Otsubo Monument Works
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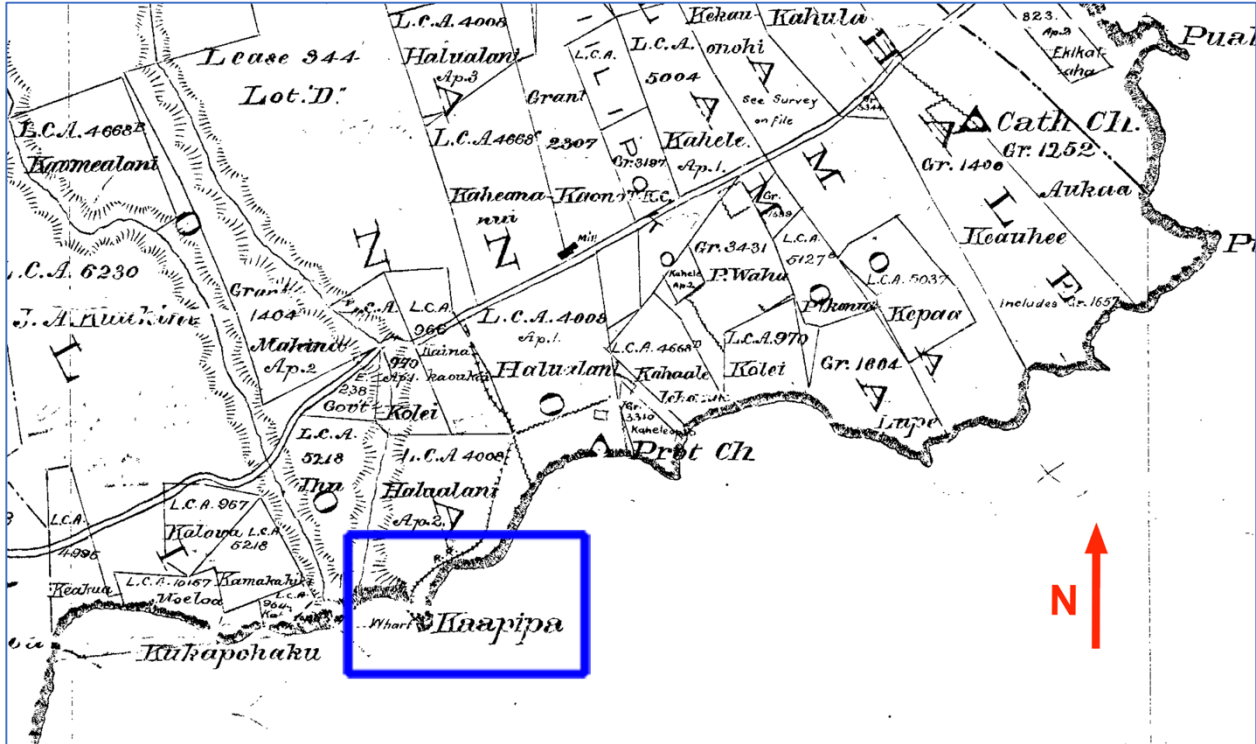
12. 1894 Historic Reg1115WIDEtracing map of Kīpahulu and East Kaupō, Maui locale demarking Kaopipa (on this map spelled Kaapipa) point and wharf in blue, Catholic church in green, protestant Congregational churches in red, schools in purple, and the Kīpahulu mill in brown.



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13. 1894 Historic Reg1115WIDE tracing map detail of Kaopipa in blue.

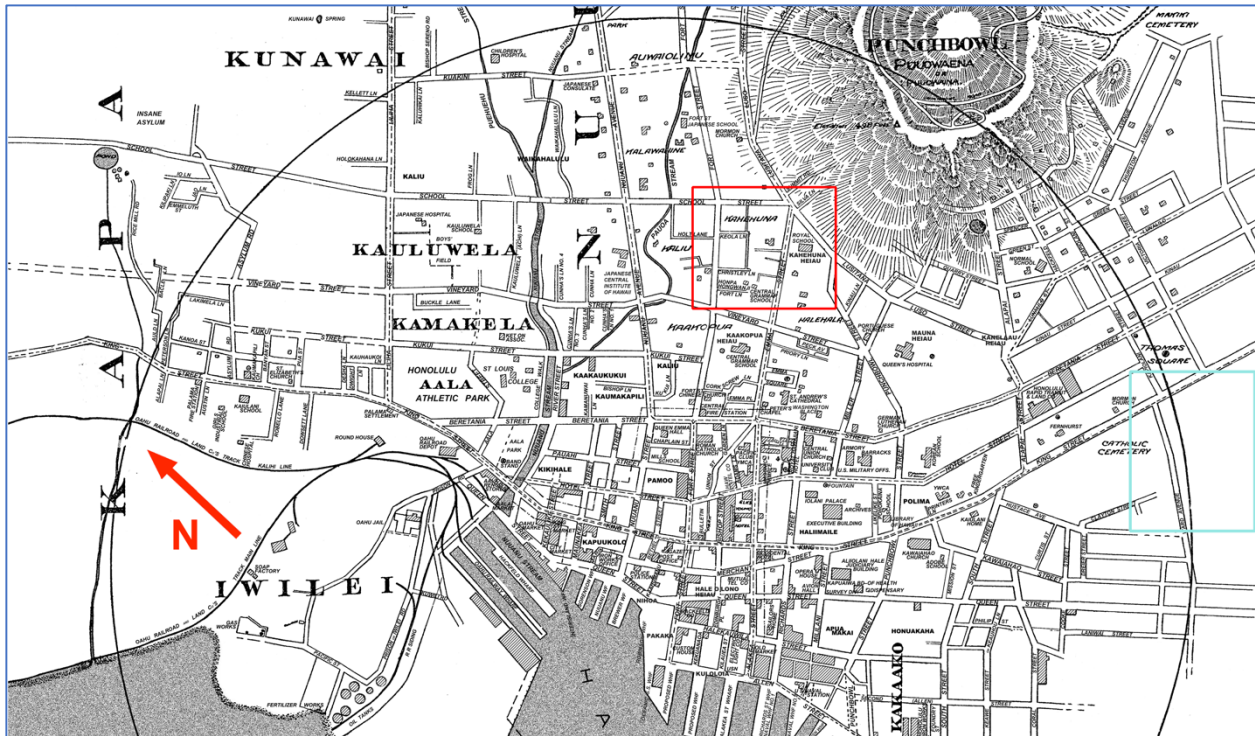


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Historic Kahehuna and Kewalo (Honolulu) Maps

- 14. 1912 Historic Honolulu Town fire map and overlays of other maps showing the Kahehuna neighborhood demarked in red and Kewalo area in green.



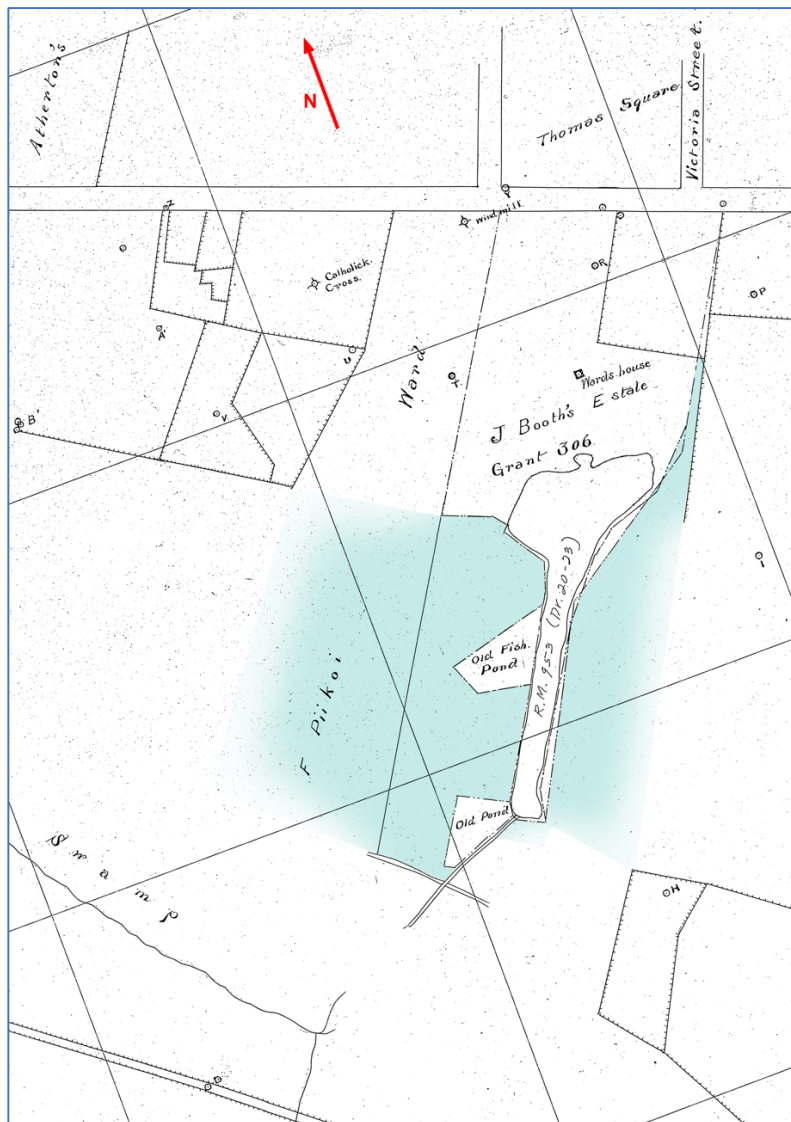
Otsubo Monument Works

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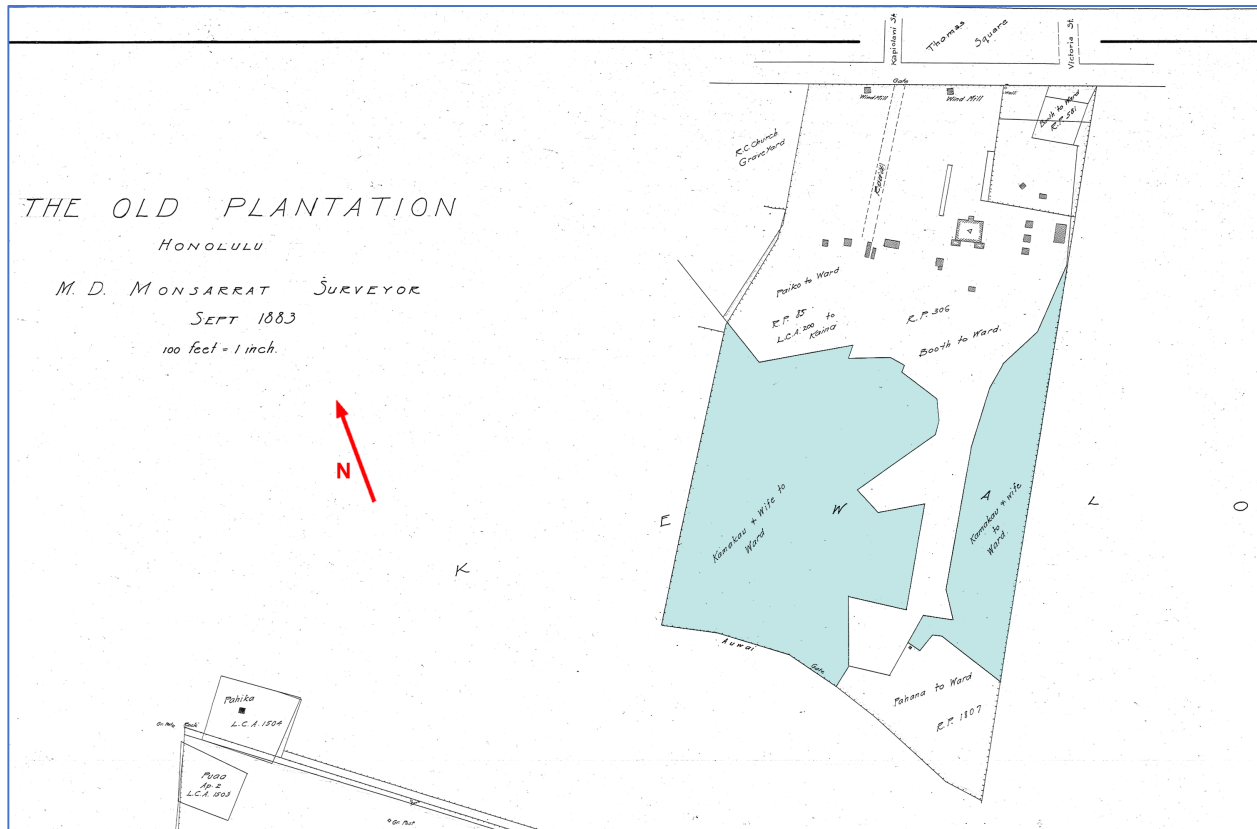
15.1882 Historic Reg1072 Kewalo Kai map showing the Kamakau purchase area as demarked in green on this map and as well as on map 1655. The J. Booth Estate became the Ward Estate located on the *makai* side of King Street opposite Thomas Square. The Kewalo location was known as “The Plains”—a largely open area with rice fields and swamp, as well as ponds. This map was likely drawn before Kamakau’s death (1876), but before the newer Monsarrat survey of 1883 (15). It is very likely that this is the Samuel Manaiākalani Kamakau, historian, but at this time there we have found no Bureau of Conveyances numbers to corroborate this information. Kamakau’s wife, and or son, Samuel Mahelona Kamakau, may have sold the property to the Ward family.



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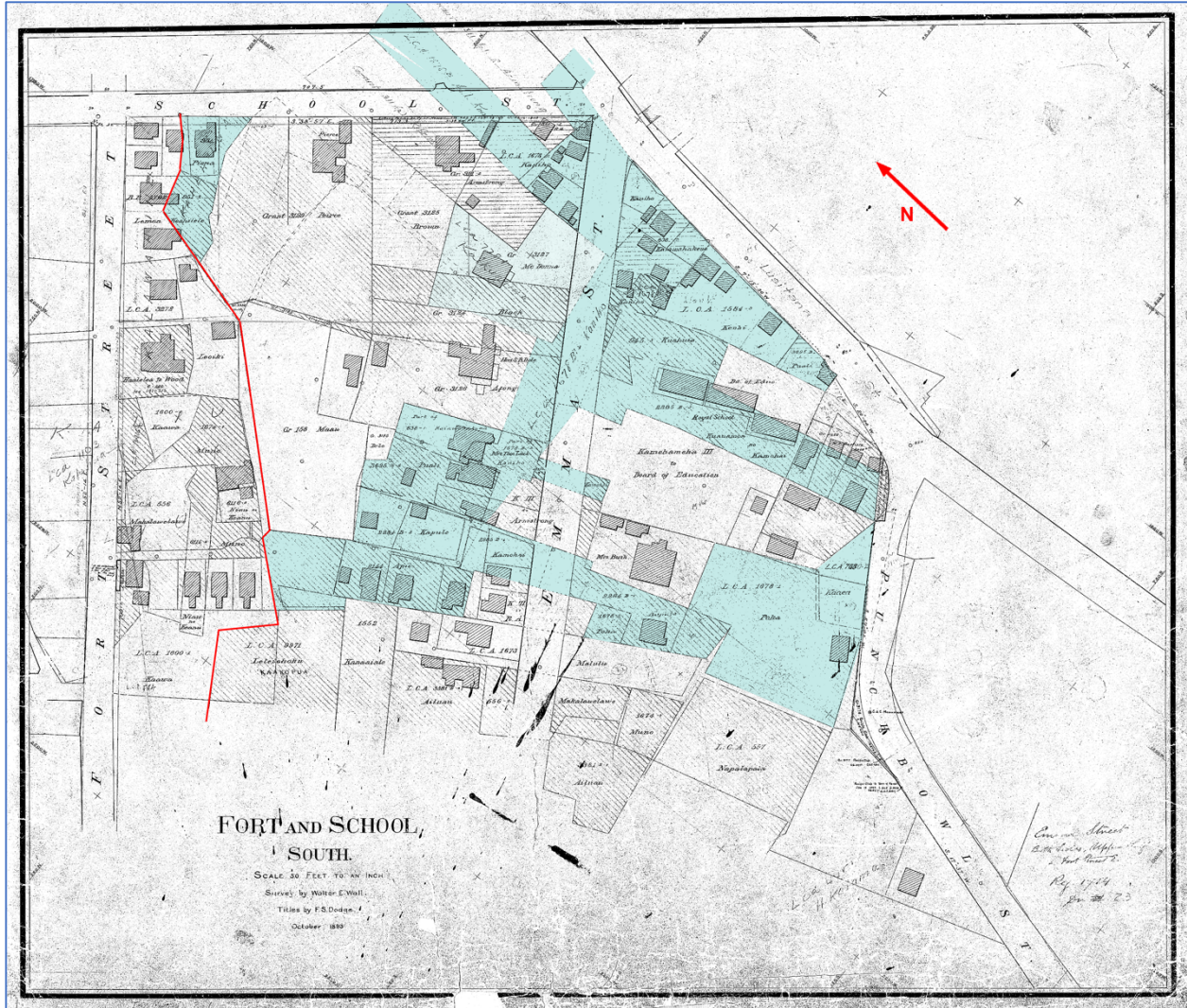
16. 1883 Historic Old Plantation, map Reg1075WIDEtracing showing property owned by Samuel Manaiākalanī and Sarah Hainakolo Kamakau (historical maps often retain the names of earlier property owners, or possibly this is his heir, son, Samuel Mahelona Kamakau and wife) in green in the Kewalo Thomas Square area or “The Plains,” M.D. Monsarrat, surveyor. It appears that this property surrounds but does not include a pond. The Roman Catholic cemetery is ‘Ewa on King Street.



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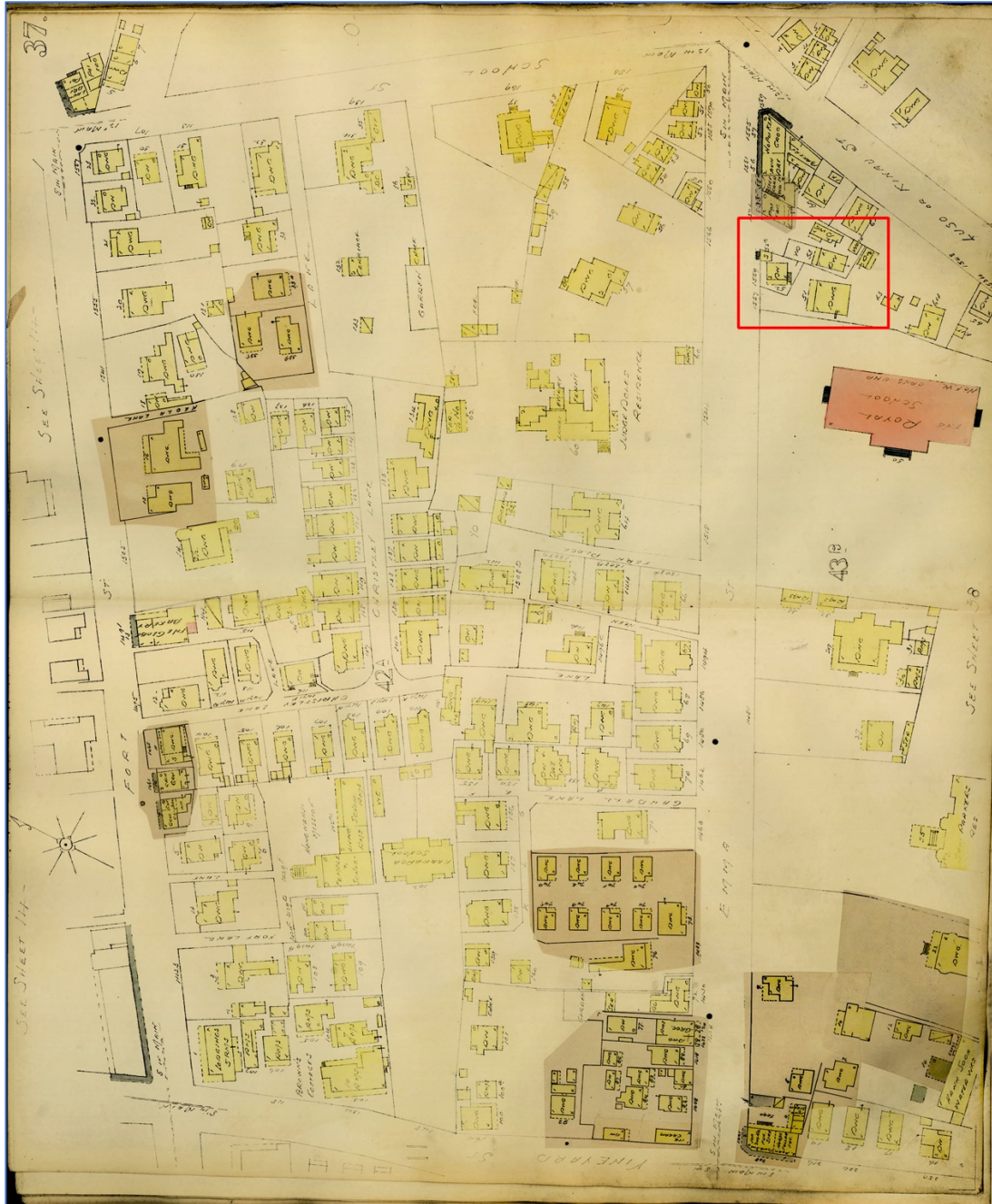
17. 1893 Historic Fort and School South map Reg1714, Walter E. Wall, surveyor. Kahehuna Land Commission Awards are in green. The red line is the 'Ewa "boundary" of Kahehuna.



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18. 1906 Dakin Fire Insurance map 77-239 of Emma Street near School Street, Kahehuna, Honolulu where Kamakaus, Keпоikais, and Alulis either lived or worked demarked in red.



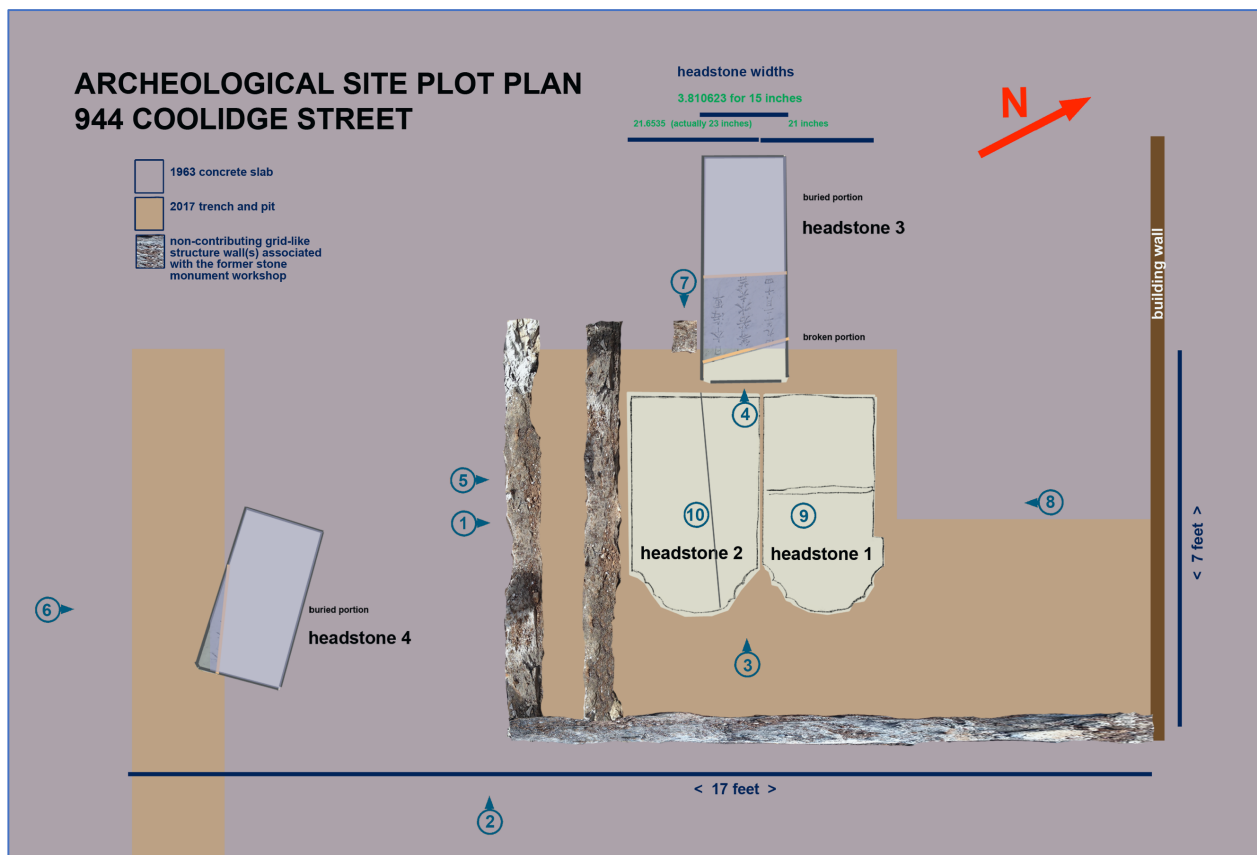
Otsubo Monument Works
Name of Property

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Photographs

Submit clear and descriptive photographs. The size of each image must be 1600x1200 pixels (minimum), 3000x2000 preferred, at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map. Each photograph must be numbered and that number must correspond to the photograph number on the photo log. For simplicity, the name of the photographer, photo date, etc. may be listed once on the photograph log and doesn't need to be labeled on every photograph.

Photo Sketch



Otsubo Monument Works
Name of Property

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County and State

Photo Log

Name of Property: Otsubo Monument Works

City or Vicinity: Mō'ili'ili

County: Honolulu,

State Hawai'i:

Photographer: Laura Ruby

Date Photographed: 2017

Description of Photograph(s) and number, include description of view indicating direction of camera:

Otsubo Monument Works

Photo #1 (HI_Honolulu County_Otsubo Monument Works_0001)

Discovery of first inadvertent find, camera facing *mauka*—northeast compass direction

1 of 11.

Photo #2 (HI_Honolulu County_Otsubo Monument Works_0002)

Overview of site area, camera facing 'Ewa—northwest. The site being considered is seven feet by 17 feet.

2 of 11.

Photo #3 (HI_Honolulu County_Otsubo Monument Works_0003)

Headstones 1 and 2 in-situ, camera facing 'Ewa—northwest

3 of 11.

Photo #4 (HI_Honolulu County_Otsubo Monument Works_0004)

Details of Headstone 3 (and poured-in-place structure cast 'Ewa-Diamond Head), camera facing "Ewa—northwest

4 of 11

Otsubo Monument Works

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Photo #5 (HI_Honolulu County_Otsubo Monument Works_0005)
Headstone 1 and 2 in-situ, camera facing *mauka*–northeast

5 of 11.

Photo #6 (HI_Honolulu County_Otsubo Monument Works_0006)
Details of Headstone 4, camera facing *mauka*–northeast

6 of 11.

Photo #7 (HI_Honolulu County_Otsubo Monument Works_0007)
Excavation of Headstones 1 and 2 in-situ, camera facing Diamond Head–southeast

7 of 11.

Photo #8 (HI_Honolulu County_Otsubo Monument Works_0008)
Overview of pit after Headstones 1 and 2 were removed (poured-in-place structure cast 'Ewa-Diamond Head), camera facing *makai*–southwest

8 of 11.

Photo #9 (HI_Honolulu County_Otsubo Monument Works_0009)
Headstone 1, A. Ellen P. Kamakau extricated, camera facing *mauka*–northeast (1 [of 2] artifacts removed, 2 others encased within the sealed pit)

9 of 11.

Photo #10 (HI_Honolulu County_Otsubo Monument Works_0010)
Headstone 2, N. Kepoikai, extricated, camera facing 'Ewa–northwest (2 [of 2] artifacts removed, 2 others encased within the sealed pit)

10 of 11.

Otsubo Monument Works
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Photo #11 (HI_Honolulu County_Otsubo Monument Works_0011)
Headstone 1, A. Ellen P. Kamakau, and Headstone 2, N. Kepoikai, relocated and re furbishing in progress, camera facing 'Ewa-northwest (2 other headstones encased within the sealed pit)
(Photos #11B and C establishing larger contextual locations of the headstones)

11 of 11.

Otsubo Monument Works
Name of Property

Honolulu, Hawai'i
County and State

Name of Property: Otsubo Monument Works

City or Vicinity: Mō'ili'ili

County: Honolulu,

State Hawai'i:

Photographer: Laura Ruby

Date Photographed: 2017

Description of Photograph(s) and number, include description of view indicating direction of camera:

Photo #1 (HI_Honolulu County_Otsubo Monument Works_0001)

Discovery of first inadvertent find, camera facing *mauka*—northeast compass direction

1 of 11.



Otsubo Monument Works
Name of Property

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Photo #2 (HI_Honolulu County_Otsubo Monument Works_0002)
Overview of site area, camera facing 'Ewa-northwest. The site under consideration is seven feet by 17 feet.

2 of 11.



Otsubo Monument Works
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Photo #3 (HI_Honolulu County_Otsubo Monument Works_0003)
Headstones 1 and 2 in-situ, camera facing 'Ewa-northwest

3 of 11.



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Photo #4 (HI_Honolulu County_Otsubo Monument Works_0004)

Details of Headstone 3 (and poured-in-place structure cast 'Ewa-Diamond Head), camera facing
"Ewa-northwest

4 of 11.



Otsubo Monument Works
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Photo #5 (HI_Honolulu County_Otsubo Monument Works_0005)
Headstone 1 and 2 in-situ, camera facing *mauka*–northeast

5 of 11.



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Photo #6 (HI_Honolulu County_Otsubo Monument Works_0006)
Details of Headstone 4, camera facing *mauka*–northeast

6 of 11.



Otsubo Monument Works

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Photo #7 (HI_Honolulu County_Otsubo Monument Works_0007)

Excavation of Headstones 1 and 2 in-situ, camera facing Diamond Head—southeast

7 of 11.



Photo #8 (HI_Honolulu County_Otsubo Monument Works_0008)

Overview of pit after Headstones 1 and 2 were removed (poured-in-place structure cast 'Ewa-Diamond Head), camera facing *makai*—southwest

8 of 11.



Otsubo Monument Works

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Photo #9 (HI_Honolulu County_Otsubo Monument Works_0009)

Headstone 1, A. Ellen P. Kamakau extricated, camera facing *mauka*–northeast (1 [of 2] artifacts removed, 2 others encased within the sealed pit)

9 of 11.



Otsubo Monument Works

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Photo #10 (HI_Honolulu County_Otsubo Monument Works_0010)

Headstone 2, N. Kepoikai, extricated, camera facing 'Ewa-northwest (2 [of 2] artifacts removed, 2 others encased within the sealed pit)

10 of 11.



Otsubo Monument Works

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Photo #11 (HI_Honolulu County_Otsubo Monument Works_0011)

Headstone 1, A. Ellen P. Kamakau, and Headstone 2, N. Kepoikai, relocated and re furbishing in progress, camera facing 'Ewa-northwest (2 other headstones encased within the sealed pit)

In 2017 the two extricated Hawaiian headstones—Headstone 1, A. Ellen P. Kamakau and Headstone 2, N. Kepoikai—were placed in this location inside the Moiliili Japanese Cemetery. They are face down in this photo, but they will soon be reassembled, stood upright, and secured on slotted concrete pedestals. The camera facing 'Ewa-northwest. (The dispositions of the two other headstones (the Arakawa Headstone and Blank Headstone), and the non-contributing grid-like wall(s) associated with the former stone monument workshop which were partially excavated are now encased within the Coolidge Street sealed pit. The contractor trenching the site said that further excavating could not be done as it might compromise the strength of the property topping slab. (Please see photos on pp. 114 and 116 for these two stones in situ.)

11 of 11.



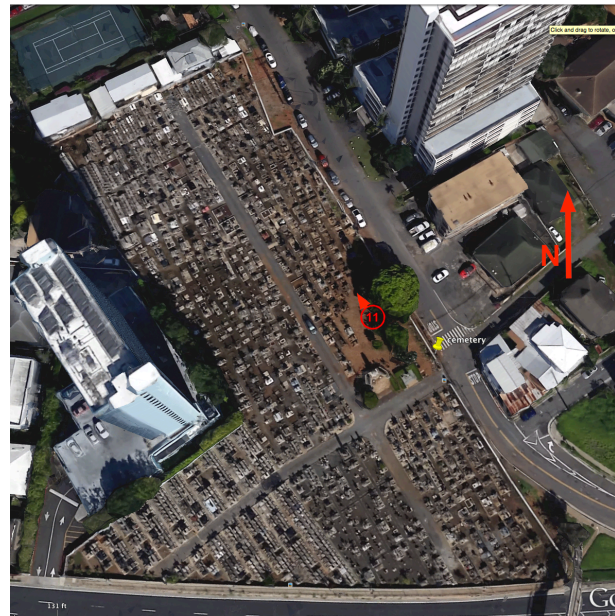
Otsubo Monument Works

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Photo #11 B and C (HI_Honolulu County_Otsubo Monument Works_0011b and c)
Photos #11B and C establish the larger contextual locations of the headstones; B: Left: the Mō'ili'ili Coolidge Street site where the headstones were excavated (left of photo) and the cemetery location (right of the photo); and C: Right: Mō'ili'ili Japanese Cemetery, camera facing 'Ewa—northwest



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Addendum A—Historical Events Timeline

1815—Samuel Manaiakalani Kamakau born (b. 1815-d. 1876)

1824— Sarah Hainakilo Kamakau born (b. 1824-d. 1905)

1832—Noa Kepoikai born (b. 1832-d. 1881)

ca. 1847—Land Commission Award LCA 4510-B—Kalena, Kumuula bk 753—5.68 acres—RP 2795 to Kaleimakalii (b. ---d. 1883) Kamehameha III, redistributed Hawaii's traditional system of land use and divided lands that had formerly been held in common and administered by *ali'i* (chiefs) and their *konoiki* (overseers). 23% of land in the islands was awarded to the king (Crown Lands); 40% of the land was awarded to 245 *ali'i* and *konoiki*; and 37% was declared government land. In 1850, the Kuleana Act awarded property to those *maka'āinana* (commoners) who actively petitioned the Land Commission for their house lots and for the land they had been working as tenants. This division was administered by an appointed Land Commission and Court of Claims.

ca. late 1840s—Samuel Mahelona Kamakau born (b. ---d. --) (wife and children?)

1848—the Mahele—Land Commission Award—Ali'i Award LCA 7713*O, Apana 39 to Victoria Kamāmalu.

1850—A. Ellen P. Kamakau born (b. 1880-d. 1884)

1862—Kukelani Ka'a'apookalani Kamakau born (only S.M. Kamakau daughter) (b. December 1862, d. --)

1861—Sarai/Sarah Kalai Aluli born (b. 1861-d. 1908) (husband John T. Aluli (b. 1855-d. 1901)

1863—Auwae Noa Kepoikai, Judge born (b. 1863-d. 1911) (wife Rose Daniels)

1872—Sentaro Otsubo born (b. 1872-d. 1952)

1874—Mahele transfer of land to fee simple private property. Victoria Kamāmalu (d. May 29, 1866). Her father Governor Kekuanaoa administered the Victoria K Kamāmalu Estate that eventually became the Bishop Estate.

1876—Japanese sailor Matajuro Arakawa died and was the first seaman to be buried in Makiki Cemetery. In the same enclosure in the Makiki Cemetery there is a monument to the early

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seventeen Japanese seamen at the Makiki Cemetery, and there is also a *Gannen Imin* monument for the first Issei arriving in Hawai'i in 1868.

ca. 1893—first Japanese Issei arrive in Mō'ili'ili—locus Triangle Park.

ca. 1923—Henry Hausten bulldozed Loko Pa'akea and surrounding area raising it to 1-4 feet in elevation.

1923-24—Sentaro Otsubo bought the 944 Coolidge Street property and set up his Otsubo Monument Works business (listed in 2017 as commercial) and residence.

1952—Sentaro Otsubo died.

1963—Kenjiro and Yakue Otsubo Natsuyama and Yone Otsubo constructed a new building on a full-property concrete slab.

2017 (March 21)—An excavator digging a pit for the restaurant grease trap uncovered two headstones with fragments. Later that month another two headstones were uncovered within this archeological layer; soil samples were taken and analyzed. The excavation site is now cemented over, and this report has been presented to the SHPD Archeological Branch.

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Addendum B—Property Transfers

Property Transfers for TMK 2-7-009: 034–944 Coolidge Street, Honolulu HI 96826 (R.P. 4475 and 7789: LCA 7713 Apana 39)

| DATE | LIBER | TRANSACTION | COST | AREA | DESCRIPTION |
|----------------------------------|---|---|--|---|---|
| 1848 Jan | <i>Buke Mahele</i> 1-6 (6-11) (<i>Mahele Book</i> 1, 3, 5 (6, 8, 10) | Award Victoria Kamāmalu lands in the Mahele by the Mo‘i (alodio) | | Claimed whole ‘ili | <i>Ali‘i Award LCA 7713*O, Apana 39</i> <i>RP 7789 (and RP 4475) to Victoria Kamāmalu in Kapa‘akea, ‘Ili ma Waikīkī, Kona</i> (Victoria Kamāmalu died May 29, 1866 [father Kekuanaoa administered V.K. Estate— which later became the Bishop Estate]) |
| 1911 May 22 through 1916 July 26 | Bk340/pp498-99; Bk448/pp265-267; p430 | Deed— smaller portion included access to Quarry; larger portion included King St property | \$1,730; later money transfer of \$3,750 | 61,556 sq ft; and 14.325 A | <i>HC&D Deeded from Bishop Estate; then Charles M. Cooke Deeded from HC&D</i> |
| 1917 Sep 6 and Sep 7 | Bk475/p240-42 and p430 | Deed | \$7,000 | 14.325 A. | <i>Jonah Kumalae and wife Deeded from Charles M. Cooke, Ltd.</i> |
| 1919 Jan 24 and June 23 | Bk508/p429-31 | Deed | \$25,000 | | <i>George P. Cooke Deeded from Jonah Kumalae & wf Por. of Apana 39 R.P.7789 Kul.7713 King St.</i> |
| 1920 Mar 5 and Mar 23 | Bk550/p219 | Agreement | | | <i>Add/Change Bank of Hawai‘i, Ltd. from George P. Cooke, &wf</i> |
| 1923 Apr 4 and Apr 5 | Bk 683/p115 | Agreement | to sell for \$45,000 | 11.226A | <i>H. Mirikitani, et al received from George P. Cooke, &wf Por of R.P.7789 Kul.7713 Ap39 King St.</i> |
| 1923 Apr 4 and Apr 5 | Bk683/p115 | Agreement | to sell for \$45,000 | 11.226A | <i>Leahi Investment & Land Co. (H. Mirikatani, et al) and George P. Cooke &wf</i> |
| 1923 Sep 6 and Sep 11 | Bk699/p29 | Par./Rel. [Partial Release of Mortgage] | | Lot No. 1, in Block “C” of the Mirikitani | <i>George P. Cooke and Bank of Hawai‘i, Ltd.</i> <i>(Note: this is when Cooke paid part of his mortgage on land</i> |

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| | | | | | |
|------------------------------|---|--------------------|--|---|--|
| | | | | Tract—File plan no. Reg map 233 | <i>including the future Otsubo property.)</i> |
| 1923 Dec 11 | Bk711/pp154-58 [from Otsubo Deed of Jan. 1924] | Deed | “one dollar in her hand paid” | | <i>Frederick E. Steere & wf Charlotte D.I. Steere purchased from George P. Cooke</i> |
| 1924 Jan 23 and Jan 29 | Bk722/p31-33 | Deed | \$1,800 | Lot 1 Blk C Mirikitani Tract | <i>Sentaro Otsubo (Grantee) purchased from Frederick E. Steere & wf (Grantor)</i> |
| 1932 | TMK Plat Map 2- 7-09: 034 | | | 3314 sq ft | <i>Sentaro Otsubo owner</i> |
| 1941 Sep 5 and Oct 1 | Bk1666/p497-98 | Deed | \$1 and aloha | Lot 1 Blk C Mirikitani Tract | <i>Kenjiro and Yakue Natsuyama hsb&wf from Sentaro and Yone Otsubo hsb&wf</i> |
| 1954 Feb 26 and Mar 31 | 2806/p487-89 | Deed | \$2,545 | 688 sq ft— Portion of Lot 1, Block C of McKinley Park Tract minus 15 ft | <i>Conveyed to the City and County of Honolulu for S. King St. widening (makai side) from Kenjiro and Yakue Natsuyama & Yakue Otsubo (widow)</i> |
| 1989 | | Lease—ground floor | | | <i>Space lease with restaurant “Silver Spoon”</i> |
| 1990 Oct 26 | | Deed | \$1 and aloha | 3,314 sq. ft. | <i>Kenjiro & Yakue Natsuyama conveyed property to Kenjiro & Yakue Natsuyama Revocable Living Trust</i> |

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Addendum C—Soil Sample Results

| | | | | | | | |
|--|---------------------------|--|----------|-----|------------|------|-----------|
| CTAHR | | Agricultural Diagnostic Service Center | | | | | |
| College of Tropical Agriculture & Human Resources University of Hawaii at Manoa | | Department of Agronomy and Soil Science 1910 East-West Road, Honolulu, HI 96822 Ph: (808) 956-6706 FAX: (808) 956-2592 Email: adsc@ctahr.hawaii.edu | | | | | |
| Soil/Plant Analysis Report | | | | | | | |
| Client: RUBY, LAURA 509 UNIVERSITY AVENUE; #902 HONOLULU, HAWAII 96826 | | Date Reported: 11/02/2017 Agent: NO AGENT, Office: NONE NONE NONE, NONE NONE , Fax: | | | | | |
| Sample Information | | | | | | | |
| Job Control No: 18-017022-001 | Map Unit: | Plant Grown: None | | | | | |
| Sample Label: 2 | Soil Series: | Plant to be grown: None | | | | | |
| Date Received: 11/2/2017 | Soil Category: HEAVY SOIL | Can you till 4-6 in.? No | | | | | |
| Send Copy To | Soil Depth (in): | Test Results Only? No | | | | | |
| Elevation (ft.): | Latitude: | Longitude: | | | | | |
| Test Results and Interpretation | | | | | | | |
| HEAVY SOIL | | INTERPRETATION | | | | | |
| Soil Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| pH | 8.1 | 6 | ===== | | | | |
| P_ppm | 75 | 37.5 | ===== | | | | |
| K_ppm | 709 | 250 | ===== | | | | |
| Ca_ppm | 7872 | 1750 | ===== | | | | |
| Mg_ppm | 847 | 350 | ===== | | | | |
| OC_% | No criteria found | | | | | | |
| Total_N_% | No criteria found | | | | | | |
| Salinity_EC | 1.25 | | | | | | |
| S_ppm | No criteria found | | | | | | |
| Fe_ppm | No criteria found | | | | | | |
| Mn_ppm | No criteria found | | | | | | |
| Zn_ppm | No criteria found | | | | | | |
| Cu_ppm | No criteria found | | | | | | |
| B_ppm | No criteria found | | | | | | |
| Mo_ppm | No criteria found | | | | | | |
| Al_ppm | No criteria found | | | | | | |
| None | | INTERPRETATION | | | | | |
| Plant Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| N_% | | | | | | | |
| P_% | | | | | | | |
| K_% | | | | | | | |
| Ca_% | | | | | | | |
| Mg_% | | | | | | | |
| S_% | | | | | | | |
| Fe_ppm | | | | | | | |
| Mn_ppm | | | | | | | |
| Zn_ppm | | | | | | | |
| Cu_ppm | | | | | | | |
| B_ppm | | | | | | | |
| Mo_ppm | | | | | | | |
| Al_ppm | | | | | | | |
| NO3_ppm | | | | | | | |

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Job Control No: 18-017022-001

Problem Description

Fertilizer and Lime Recommendations

| | | | |
|--|-------------------------|---------------|-------------------------|
| Total Nutrient Requirement (lbs/Acre): | Nitrogen: | Phosphorus: 0 | Potassium: 0 |
| Fertilizer / Lime Material | Total Amount (lbs/Acre) | Applications | Cost Estimate (\$/Acre) |

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o The pH of all the samples is very high and this will cause micronutrients like iron, copper, and zinc to become less available for crop uptake and may cause yellowing and stunted growth in crops.
- o Sulfur can be incorporated to help lower the pH.
- o All of the nutrients are adequate or high.
- o Fertilizer like ammonium sulfate (21-0-0) can be used for Nitrogen. The ammonium sulfate will also help to lower the pH.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:
 The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
 To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.
 1. Did you need to modify the recommendation? if so, how?
 2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK

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 Name of Property

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| | |
|--|---|
| CTAHR <small>College of Tropical Agriculture & Human Resources University of Hawaii at Manoa</small> Soil/Plant Analysis Report | Agricultural Diagnostic Service Center <small>Department of Agronomy and Soil Science 1910 East-West Road, Honolulu, HI 96822 Ph: (808) 956-6706/7433 FAX: (808) 956-2592 Email: adsc@ctahr.hawaii.edu</small> |
|--|---|

| | |
|--|---|
| Client: RUBY, LAURA 509 UNIVERSITY AVENUE; #902 HONOLULU, HAWAII 96826 | Date Reported: 11/02/2017 Agent: NO AGENT, Office: NONE NONE NONE, NONE NONE , Fax: |
|--|---|

| Sample Information | | |
|-------------------------------|---------------------------|--------------------------|
| Job Control No: 18-017022-002 | Map Unit: | Plant Grown: None |
| Sample Label: 3A & 4 | Soil Series: | Plant to be grown: None |
| Date Received: 11/2/2017 | Soil Category: HEAVY SOIL | Can you till 4-6 in.? No |
| Send Copy To | Soil Depth (in): | Test Results Only? No |
| Elevation (ft.): | Latitude: | Longitude: |

| Test Results and Interpretation | | | | | | | |
|---------------------------------|---------|-------------------|----------------|-----|------------|------|-----------|
| HEAVY SOIL | | | INTERPRETATION | | | | |
| Soil Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| _pH | 8.4 | 6 | ===== | | | | |
| P_ppm | 42 | 37.5 | ===== | | | | |
| K_ppm | 591 | 250 | ===== | | | | |
| Ca_ppm | 8757 | 1750 | ===== | | | | |
| Mg_ppm | 780 | 350 | ===== | | | | |
| OC_% | | No criteria found | | | | | |
| Total_N_% | | No criteria found | | | | | |
| Salinity_EC | | 1.25 | | | | | |
| S_ppm | | No criteria found | | | | | |
| Fe_ppm | | No criteria found | | | | | |
| Mn_ppm | | No criteria found | | | | | |
| Zn_ppm | | No criteria found | | | | | |
| Cu_ppm | | No criteria found | | | | | |
| B_ppm | | No criteria found | | | | | |
| Mo_ppm | | No criteria found | | | | | |
| AL_ppm | | No criteria found | | | | | |

| None | | | | | | | |
|----------------|---------|----------|----------------|-----|------------|------|-----------|
| Plant Analysis | | | INTERPRETATION | | | | |
| Plant Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| N_% | | | | | | | |
| P_% | | | | | | | |
| K_% | | | | | | | |
| Ca_% | | | | | | | |
| Mg_% | | | | | | | |
| S_% | | | | | | | |
| Fe_ppm | | | | | | | |
| Mn_ppm | | | | | | | |
| Zn_ppm | | | | | | | |
| Cu_ppm | | | | | | | |
| B_ppm | | | | | | | |
| Mo_ppm | | | | | | | |
| AL_ppm | | | | | | | |
| NO3_ppm | | | | | | | |

Otsubo Monument Works
Name of Property

Honolulu, Hawai'i
County and State

Job Control No: 18-017022-002

Problem Description

Fertilizer and Lime Recommendations

| | | | |
|--|-------------------------|----------------------|-------------------------|
| Total Nutrient Requirement (lbs/Acre): | Nitrogen: 200 | Phosphorus: 0 | Potassium: 0 |
| Fertilizer / Lime Material | Total Amount (lbs/Acre) | Applications | Cost Estimate (\$/Acre) |
| Fertilizer: 21-0-0 | 952 | split into 2 applns. | 152 |

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o Split the fertilizer into several applications before planting and thereafter once every 3-4 weeks until the total amount has been applied.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:

The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.

1. Did you need to modify the recommendation? if so, how?
2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK

Otsubo Monument Works
 Name of Property

Honolulu, Hawai'i
 County and State

| | |
|---|---|
| CTAHR College of Tropical Agriculture & Human Resources University of Hawaii at Manoa Soil/Plant Analysis Report | Agricultural Diagnostic Service Center Department of Agronomy and Soil Science 1910 East-West Road, Honolulu, HI 96822 Ph: (808) 956-6706 FAX: (808) 956-2592 Email: adsc@ctahr.hawaii.edu |
|---|---|

| | |
|--|---|
| Client: RUBY, LAURA 509 UNIVERSITY AVENUE; #902 HONOLULU, HAWAII 96826 | Date Reported: 11/02/2017 Agent: NO AGENT, Office: NONE NONE NONE, NONE NONE , Fax: |
|--|---|

| Sample Information | | |
|-------------------------------|---------------------------|--------------------------|
| Job Control No: 18-017022-003 | Map Unit: | Plant Grown: None |
| Sample Label: 3 | Soil Series: | Plant to be grown: None |
| Date Received: 11/2/2017 | Soil Category: HEAVY SOIL | Can you till 4-6 in.? No |
| Send Copy To | Soil Depth (in): | Test Results Only? No |
| Elevation (ft.): | Latitude: | Longitude: |

| Test Results and Interpretation | | | | | | | |
|---------------------------------|---------|-------------------|----------------|-----|------------|------|-----------|
| HEAVY SOIL | | | INTERPRETATION | | | | |
| Soil Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| _pH | 8.3 | 6 | ===== | | | | |
| P_ppm | 40 | 37.5 | ===== | | | | |
| K_ppm | 539 | 250 | ===== | | | | |
| Ca_ppm | 7911 | 1750 | ===== | | | | |
| Mg_ppm | 737 | 350 | ===== | | | | |
| OC_% | | No criteria found | | | | | |
| Total_N_% | | No criteria found | | | | | |
| Salinity_EC | | 1.25 | | | | | |
| S_ppm | | No criteria found | | | | | |
| Fe_ppm | | No criteria found | | | | | |
| Mn_ppm | | No criteria found | | | | | |
| Zn_ppm | | No criteria found | | | | | |
| Cu_ppm | | No criteria found | | | | | |
| B_ppm | | No criteria found | | | | | |
| Mo_ppm | | No criteria found | | | | | |
| Al_ppm | | No criteria found | | | | | |

| None | | | | | | | |
|----------------|---------|----------|----------------|-----|------------|------|-----------|
| | | | INTERPRETATION | | | | |
| Plant Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| N_% | | | | | | | |
| P_% | | | | | | | |
| K_% | | | | | | | |
| Ca_% | | | | | | | |
| Mg_% | | | | | | | |
| S_% | | | | | | | |
| Fe_ppm | | | | | | | |
| Mn_ppm | | | | | | | |
| Zn_ppm | | | | | | | |
| Cu_ppm | | | | | | | |
| B_ppm | | | | | | | |
| Mo_ppm | | | | | | | |
| Al_ppm | | | | | | | |
| NO3_ppm | | | | | | | |

Otsubo Monument Works
 Name of Property

Honolulu, Hawai'i
 County and State

Job Control No: 18-017022-003

Problem Description

Fertilizer and Lime Recommendations

| | | | |
|--|-------------------------|----------------------|-------------------------|
| Total Nutrient Requirement (lbs/Acre): | Nitrogen: 200 | Phosphorus: 0 | Potassium: 0 |
| Fertilizer / Lime Material | Total Amount (lbs/Acre) | Applications | Cost Estimate (\$/Acre) |
| Fertilizer: 21-0-0 | 952 | split into 2 applns. | 152 |

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o Split the fertilizer into several applications before planting and thereafter once every 3~4 weeks until the total amount has been applied.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:
 The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
 To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.

1. Did you need to modify the recommendation? if so, how?
2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK

Otsubo Monument Works
 Name of Property

Honolulu, Hawai'i
 County and State

| | |
|---|--|
| CTAHR College of Tropical Agriculture & Human Resources University of Hawaii at Manoa Soil/Plant Analysis Report | Agricultural Diagnostic Service Center Department of Agronomy and Soil Science 1910 East-West Road, Honolulu, HI 96822 Ph: (808) 956-6706 FAX: (808) 956-2592 Email: adsc@ctaahr.hawaii.edu |
|---|--|

| | |
|--|---|
| Client: RUBY, LAURA 509 UNIVERSITY AVENUE; #902 HONOLULU, HAWAII 96826 | Date Reported: 11/02/2017 Agent: NO AGENT, Office: NONE NONE NONE, NONE NONE , Fax: |
|--|---|

| Sample Information | | |
|-------------------------------|---------------------------|--------------------------|
| Job Control No: 18-017022-004 | Map Unit: | Plant Grown: None |
| Sample Label: 3 MAKAI | Soil Series: | Plant to be grown: None |
| Date Received: 11/2/2017 | Soil Category: HEAVY SOIL | Can you till 4-6 in.? No |
| Send Copy To | Soil Depth (in): | Test Results Only? No |
| Elevation (ft.): | Latitude: | Longitude: |

| Test Results and Interpretation | | | | | | | |
|---------------------------------|-------------------|----------|--------------------------------|-----|------------|------|-----------|
| HEAVY SOIL | | | INTERPRETATION | | | | |
| Soil Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| _pH | 8 | 6 | [Progress bar: 80% Sufficient] | | | | |
| P_ppm | 136 | 37.5 | [Progress bar: 36% Sufficient] | | | | |
| K_ppm | 844 | 250 | [Progress bar: 34% Sufficient] | | | | |
| Ca_ppm | 8235 | 1750 | [Progress bar: 47% Sufficient] | | | | |
| Mg_ppm | 1058 | 350 | [Progress bar: 30% Sufficient] | | | | |
| OC_% | No criteria found | | | | | | |
| Total_N_% | No criteria found | | | | | | |
| Salinity_EC | 1.25 | | | | | | |
| S_ppm | No criteria found | | | | | | |
| Fe_ppm | No criteria found | | | | | | |
| Mn_ppm | No criteria found | | | | | | |
| Zn_ppm | No criteria found | | | | | | |
| Cu_ppm | No criteria found | | | | | | |
| B_ppm | No criteria found | | | | | | |
| Mo_ppm | No criteria found | | | | | | |
| Al_ppm | No criteria found | | | | | | |

| None | | | | | | | |
|----------------|---------|----------|----------------|-----|------------|------|-----------|
| Plant Analysis | | | INTERPRETATION | | | | |
| Plant Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| N_% | | | | | | | |
| P_% | | | | | | | |
| K_% | | | | | | | |
| Ca_% | | | | | | | |
| Mg_% | | | | | | | |
| S_% | | | | | | | |
| Fe_ppm | | | | | | | |
| Mn_ppm | | | | | | | |
| Zn_ppm | | | | | | | |
| Cu_ppm | | | | | | | |
| B_ppm | | | | | | | |
| Mo_ppm | | | | | | | |
| Al_ppm | | | | | | | |
| NO3_ppm | | | | | | | |

Otsubo Monument Works
Name of Property

Honolulu, Hawai'i
County and State

Job Control No: 18-017022-004

Problem Description

Fertilizer and Lime Recommendations

| Total Nutrient Requirement (lbs/Acre): | Nitrogen: 200 | Phosphorus: | Potassium: |
|--|-------------------------|----------------------|-------------------------|
| Fertilizer / Lime Material | Total Amount (lbs/Acre) | Applications | Cost Estimate (\$/Acre) |
| Fertilizer: 21-0-0 | 952 | split into 2 applns. | 152 |

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:

The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.

1. Did you need to modify the recommendation? if so, how?
2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK

Otsubo Monument Works
 Name of Property

Honolulu, Hawai'i
 County and State

| | |
|---|--|
| CTAHR College of Tropical Agriculture & Human Resources University of Hawaii at Manoa Soil/Plant Analysis Report | Agricultural Diagnostic Service Center Department of Agronomy and Soil Science 1910 East-West Road, Honolulu, HI 96822 Ph: (808) 956-6706/7330 FAX: (808) 956-2592 Email: adsc@ctahr.hawaii.edu |
|---|--|

| | |
|--|---|
| Client: RUBY, LAURA 509 UNIVERSITY AVENUE; #902 HONOLULU, HAWAII 96826 | Date Reported: 11/02/2017 Agent: NO AGENT, Office: NONE NONE NONE, NONE NONE , Fax: |
|--|---|

| Sample Information | | | |
|-------------------------------|---------------------------|--------------------------|--|
| Job Control No: 18-017022-005 | Map Unit: | Plant Grown: None | |
| Sample Label: 3 AB MAKAI | Soil Series: | Plant to be grown: None | |
| Date Received: 11/2/2017 | Soil Category: HEAVY SOIL | Can you till 4-6 in.? No | |
| Send Copy To | Soil Depth (in): | Test Results Only? No | |
| Elevation (ft.): | Latitude: | Longitude: | |

| Test Results and Interpretation | | | | | | | |
|---------------------------------|---------|-------------------|----------------|-----|------------|------|-----------|
| HEAVY SOIL | | | INTERPRETATION | | | | |
| Soil Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| _pH | 7.7 | 6 | ===== | | | | |
| P_ppm | 206 | 37.5 | ===== | | | | |
| K_ppm | 1223 | 250 | ===== | | | | |
| Ca_ppm | 6606 | 1750 | ===== | | | | |
| Mg_ppm | 1120 | 350 | ===== | | | | |
| OC_% | | No criteria found | | | | | |
| Total_N_% | | No criteria found | | | | | |
| Salinity_EC | | 1.25 | | | | | |
| S_ppm | | No criteria found | | | | | |
| Fe_ppm | | No criteria found | | | | | |
| Mn_ppm | | No criteria found | | | | | |
| Zn_ppm | | No criteria found | | | | | |
| Cu_ppm | | No criteria found | | | | | |
| B_ppm | | No criteria found | | | | | |
| Mo_ppm | | No criteria found | | | | | |
| Al_ppm | | No criteria found | | | | | |

| None | | | | | | | |
|----------------|---------|----------|----------|-----|------------|------|-----------|
| Plant Analysis | Results | Expected | Very Low | Low | Sufficient | High | Very High |
| N_% | | | | | | | |
| P_% | | | | | | | |
| K_% | | | | | | | |
| Ca_% | | | | | | | |
| Mg_% | | | | | | | |
| S_% | | | | | | | |
| Fe_ppm | | | | | | | |
| Mn_ppm | | | | | | | |
| Zn_ppm | | | | | | | |
| Cu_ppm | | | | | | | |
| B_ppm | | | | | | | |
| Mo_ppm | | | | | | | |
| Al_ppm | | | | | | | |
| NO3_ppm | | | | | | | |

Otsubo Monument Works
 Name of Property

Honolulu, Hawai'i
 County and State

Job Control No: 18-017022-005

Problem Description

Fertilizer and Lime Recommendations

| | | | |
|--|-------------------------|----------------------|-------------------------|
| Total Nutrient Requirement (lbs/Acre): | Nitrogen: 200 | Phosphorus: 0 | Potassium: 0 |
| Fertilizer / Lime Material | Total Amount (lbs/Acre) | Applications | Cost Estimate (\$/Acre) |
| Fertilizer: 21-0-0 | 952 | split into 2 applns. | 152 |

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:

The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
 To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.

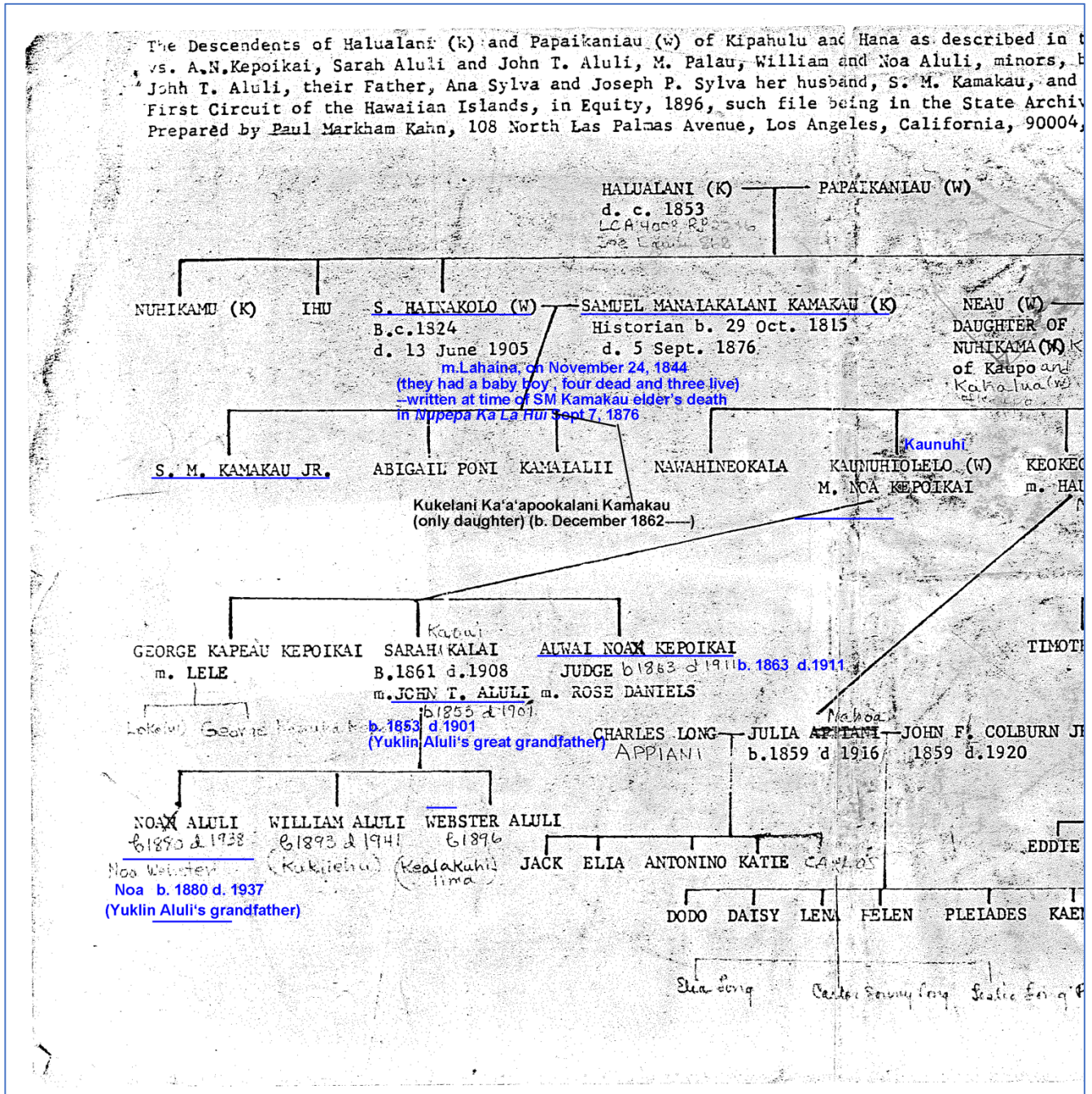
1. Did you need to modify the recommendation? if so, how?
2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK

Otsubo Monument Works
 Name of Property

Honolulu, Hawaii
 County and State

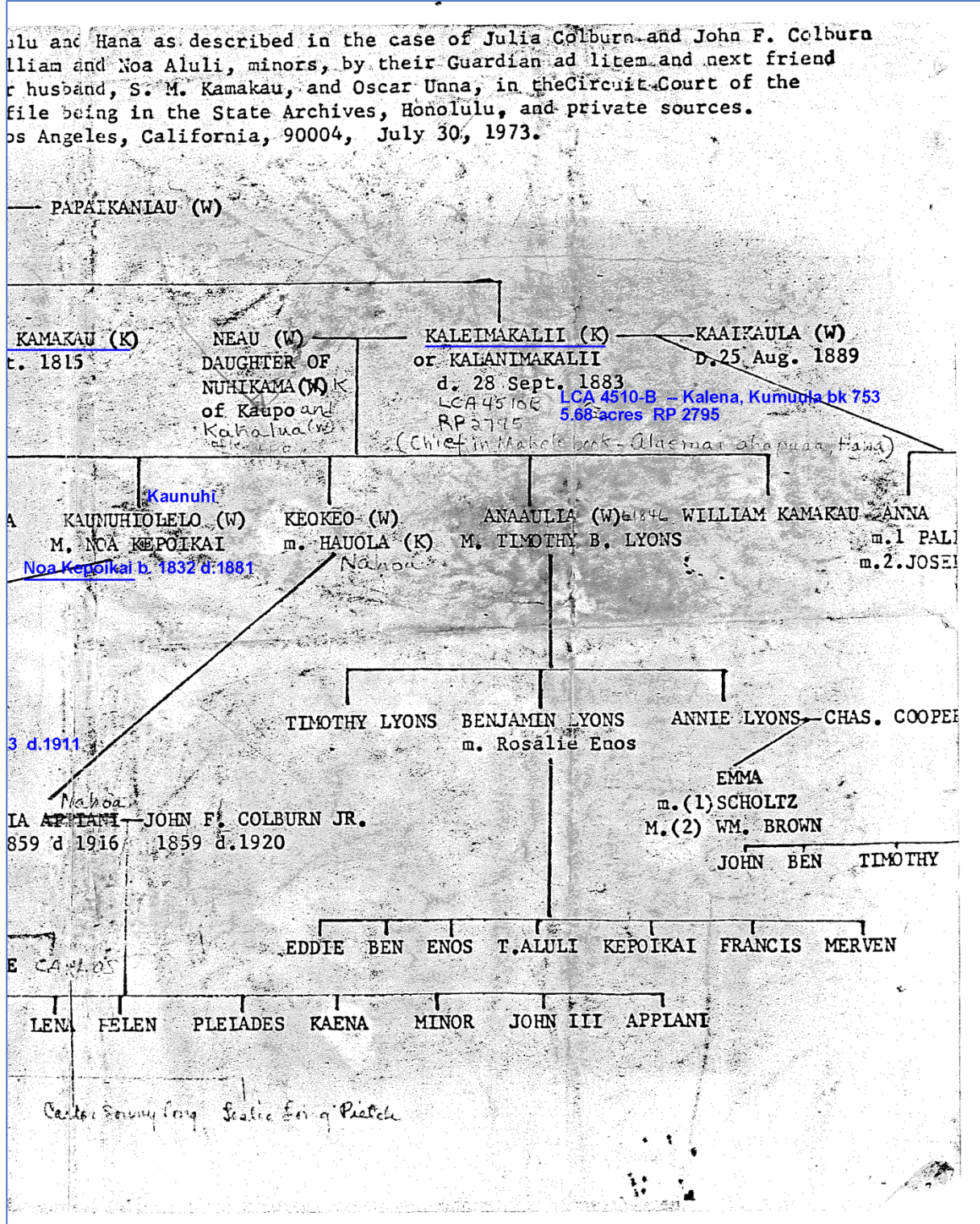
Addendum D—Descendents of Halualani (k) and Papaikaniau (w) of Kipahulu and Hana and Succeeded by Their Son, Kaleimakalii, and Their Daughter, Hainakolo



Otsubo Monument Works

Honolulu, Hawai'i
 County and State

Name of Property



Otsubo Monument Works
Name of Property

Honolulu, Hawai'i
County and State

Addendum E—Later Descendants of the Kamakau Line

*John Boniface Kamakau—b. ca. 1885, d. 1950s

brother Edward Philip Kamakau b. 1896 in Waiohuli (father in Kaupo)
brother Samuel?

—information provided by William Billy Adolpho (Portuguese hanai grandson)
(82 in 2017)
510-396-3484
address
Tracy CA
Waiola?

—information provided by Jennie Kahlbaum (Hawaiian hanai granddaughter)
(Jenny and Billy cousins)
259-5243
41-686 Alakoa
Waimanalo HI

Mary Hoochie Kamakau Correa b. Kula TH Hawaii Jan. 11, 1915, d. April 12, 1994

*Grandfather Noah (2) Kamakau—b. June 5, 1860—Kaupo—d. July 15, 1941

Grandmother Mary Hookano Kamakau

*Great great grandfather (Noa's father) Kalio (sp?) Kamakau
Great great grandmother (Noa's mother) Kamailua
Noa (Noah) buried in Haleakala (Kula) Hawaiian Church Cemetery—he was catholic not
protestant
His mother and father active in Holy Ghost Church--luau etc —both buried there

—information provided by Myrna Correa Briggs
619 500-5779
1715 Rolling Water Dr #3
Chula Vista CA 91915
myrnabriggs@hotmail.com

*Samuel Kaleimakaii great-grandfather—b. July 21, 1843—Kipahulu Maui

*John Boniface Kamakau grandfather (1930 lived on Waiialae Ave) [see above]

Otsubo Monument Works

Name of Property

Honolulu, Hawai'i

County and State

Makue Kalani "Katherine" Kamakau (1930 lived on Waialae Ave)

–information provided by Samuel Barlahan–Sam
808 357-2681
3076 Iolani ST Apt #B
Pukalani HI 96768

–information provided by Victoria Vicky Kamakau Purdy
760-2133
146 Kaahauhea
Kula, Maui

(Kaniu P. Hapakuka called me for Vicky 344-6703)

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 100 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management, U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.