



United States Department of the Interior

NATIONAL PARK SERVICE

1849 C Street, N.W.
Washington, D.C. 20240

February 28, 2011

Notice to file:

This property has been automatically entered in the National Register of Historic Places. This is due to the fact that the publication of our Federal Register Notice: "National Register of Historic Places: Pending Nominations and Other Actions" was delayed beyond our control to the point where the mandated 15 day public comment period ended after our required 45 day time frame to act on the nomination. If the 45th day falls on a weekend or Federal holiday, the property will be automatically listed the next business day. The nomination is technically adequate and meets the National Register criteria for evaluation, and thus, automatically listed in the National Register of Historic Places.

Edson Beall
Historian
National Register of Historic Places
Phone: 202-354-2255
E-mail: Edson_Beall@nps.gov
Web: www.nps.gov/history/nr

United States Department of the Interior
National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, *How to Complete the National Register of Historic Places Registration Form*. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional certification comments, entries, and narrative items on continuation sheets (NPS Form 10-900a).

1. Name of Property

Historic name Levi and Nettie Lyman Residence House

Other names/site number Merrill L. Carlsmith Residence

2. Location

street & number 40 Halaulani Place

☐ not for publication

city or town Hilo

☐ vicinity

State Hawaii

code HI

county Hawaii

code 001

zip code 96720

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended,

I hereby certify that this ☒ nomination ☐ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60.

In my opinion, the property ☒ meets ☐ does not meet the National Register Criteria. I recommend that this property be considered significant at the following level(s) of significance:

☐ national ☐ statewide ☒ local

Puea Kahalea D. C.
Signature of certifying official

12/29/10
Date

Administrator
Title

STATE HISTORIC PRESERVATION DIVISION
State or Federal agency and bureau

In my opinion, the property ☐ meets ☐ does not meet the National Register criteria.

Signature of commenting official

Date

Title

State or Federal agency and bureau

4. National Park Service Certification

I, hereby, certify that this property is:

☒ entered in the National Register

☐ determined eligible for the National Register

☐ determined not eligible for the National Register

☐ removed from the National Register

☐ other (explain:)

Signature of the Keeper

Date of Action

for
Edson Beall

2-28-11

Levi Lyman Residence
Name of Property

Hawaii

County of Hawaii, Hawaii
County and State

5. Classification

Ownership of Property

(Check as many boxes as apply)

<input checked="" type="checkbox"/>	private
<input type="checkbox"/>	public - Local
<input type="checkbox"/>	public - State
<input type="checkbox"/>	public - Federal
<input type="checkbox"/>	private

Category of Property

(Check only one box)

<input checked="" type="checkbox"/>	building(s)
<input type="checkbox"/>	district
<input type="checkbox"/>	site
<input type="checkbox"/>	structure
<input type="checkbox"/>	building(s)
<input type="checkbox"/>	object

Number of Resources within Property

(Do not include previously listed resources in the count.)

Contributing	Noncontributing
1	buildings
	sites
	structures
	Objects
	buildings
1	Total

Name of related multiple property listing

(Enter "N/A" if property is not part of a multiple property listing)

Halaulani Place

Number of contributing resources previously listed in the National Register

0

6. Function or Use

Historic Functions

(Enter categories from instructions)

domestic

single dwelling

Current Functions

(Enter categories from instructions)

domestic

single dwelling

7. Description

Architectural Classification

(Enter categories from instructions)

Late 19th, Early 20th Century Revivals

Colonial

Materials

(Enter categories from instructions)

foundation: wood post and lava rock pier

walls: wood: clapboard

roof: corrugated metal

other:

Narrative Description

(Describe the historic and current physical appearance of the property. Explain contributing and noncontributing resources if necessary. Begin with a **summary paragraph** that briefly describes the general characteristics of the property, such as its location, setting, size, and significant features.)

Summary Paragraph

The Lyman/Carlsmith residence sits on a 26,440 square foot downhill sloping lot, with the front of the house situated on grade with Halaulani Place and set back from the street by a lawn with tropical plantings near the house. The two story colonial revival style house has a corrugated metal, lateral running gable roof with gable returns. Single story wings extend from each side of the main body of the house. The east wing has a roof similar to the main body, while the smaller west wing, a 1949 addition at the rear, has a hipped roof. The façade is characterized by a second story balcony which extends across most of the façade, running from the right corner to a left of center lava rock chimney which rises from the ground to above the eave line. As is typical of colonial revival houses in Hawaii, its façade is asymmetrical, with six over one double hung windows used almost exclusively throughout the house.

Narrative Description

The Lyman/Carlsmith residence is entered off a car port, which was added in 1949. Five concrete steps lead up to a door with two panels on the bottom and a window on the top, which accesses an enclosed, single story entry lanai on the east side of the house. The lanai sits on a raised lava rock foundation, which forms a 30" ledge around the inside of the space. A distinctive feature of the ledge is a grooved drain down the middle of its concrete cap to transport excess water from potted plants to the outdoors. The lanai has a scored concrete floor and board and batten walls and ceiling. Three six over one double hung sash windows extend across the front of the lanai and another two face out on the carport.

The lanai flows into the living room, with floor-to-ceiling open shelves and cabinets serving as a partition between the two spaces. These were part of the 1949 remodeling, as was the face of an adjoining brick fireplace and its framing cabinetry. The fireplace is set in the front wall. The living room is a large open space with a canec ceiling, masonite walls, and a wood floor. A front entry originally was located at the far end of the front wall, but was removed as part of the 1949 remodeling and supplanted by a picture window of nine lites, flanked by three stacked awning windows.

The living room on its south side seamlessly flows into the dining room at the rear of the house. The dining room's walls and ceilings are the same as those in the living room, and are brightened by a large box bay window in its rear wall that overlooks the back yard. The box bay features a fixed center window of nine lites flanked by casement windows, all of which are capped by fixed transoms. A set of two panel, double pocket doors can close off the dining room from the living room.

To the right of the dining room is a library and to the left is the kitchen. The entry to the library features a set of double pocket doors similar to the ones between the living room and the dining room. The library has built-in bookcases, a beaded tongue and groove ceiling, and is finished with a walnut veneer on its walls. Six over six double hung windows look out upon the back yard. The kitchen has been remodeled, although the original cabinets remain but with reworked doors. One of the floor to ceiling cabinets contains stainless steel rotating shelving with vents at its top and bottom. Stairs in the kitchen lead down to the basement. The basement is partially finished with a scored concrete floor, a former maid's quarters, workshop, laundry and a gardener's shower. Two five panel doors exit to the rear yard.

To the west of the living room is a master bedroom suite which is entered off the living room through a single, eight panel pocket door. This suite includes a centered bathroom with a back bedroom and a front dressing room. The walls are of beaded tongue and groove and the ceilings are canec. The rear bedroom was expanded in 1948 by pushing a single story wing off the west side of the house. The dressing room features built-in shelving and chest of drawers in the closets, as well as tubing which contains electric heaters to prevent mildew. The bathroom has been remodeled.

A straight-run stairway, encased in the wall between the living room and library leads to the second floor. It features a Koa railing that terminates in the living room with an ascending volute. On the second floor a guard rail with 2" x 2" balusters surrounds the stairwell. The stair opens on a second floor living room which in turn has a set of double glass doors, each of six lites, framed by sidelights with eight panes that open on the second story balcony. The balcony, part of the 1949 remodeling, features a simple balustrade with 2" x 2" balusters and is sheltered by a shed roof extension of the main roof. There are two bedrooms on each side of the second floor living room, and a den to the rear. The entire floor is

Levi Lyman Residence

Hawaii

County of Hawaii, Hawaii

Name of Property

County and State

finished with masonite walls and ceilings. The three rear rooms all have a nine lite fixed window flanked by three lite casements, while the front rooms have six over six double hung sash windows, which also appear on this floor's side walls. The bedrooms all have walk-in closets.

The Lyman/Carlsmith residence remains in excellent condition and retains a high degree of integrity. Its 1949 remodeling for the Carlsmiths was designed by Vladimir Ossipoff and has acquired a significance in its own right which integrates into the original body of the house in a fairly seamless manner, and reflects the history of the house over time.

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- ☒ A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- ☒ B Property is associated with the lives of persons significant in our past.
- ☒ C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- ☐ D Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations

(Mark "x" in all the boxes that apply)

Property is:

- ☐ A owned by a religious institution or used for religious purposes.
- ☐ B removed from its original location.
- ☐ C a birthplace or grave.
- ☐ D a cemetery.
- ☐ E a reconstructed building, object, or structure.
- ☐ F a commemorative property.
- ☐ G less than 50 years old or achieving significance within the past 50 years.

Areas of Significance

(Enter categories from instructions)

Architecture

Community planning and development

Education

Law

Period of Significance

Significant Dates

1922

Significant Person

(Complete only if Criterion B is marked above)

Levi Lyman and Merrill Carlsmith

Cultural Affiliation

Architect/Builder

Frank Arakawa

Vladimir Ossipoff, 1949 remodel

Period of Significance (justification)

The period of significance commences with the construction of the house and concludes in 1959 in accordance with national register guidelines.

Criteria Considerations (explanation, if necessary)

NA

Statement of Significance Summary Paragraph (provide a summary paragraph that includes level of significance and applicable criteria)

The Lyman/Carlsmith residence is significant at the local level for its associations with the development of Halaulani Place as well as the development of Hilo as described in the Multiple Property nomination Halaulani Place, 1917-1960. It is also significant for its associations with Levi Lyman and Merrill L. Carlsmith. In addition, it is architecturally significant as a good example of a colonial revival style residence constructed in Hawaii in the 1920s, and for its remodeling in 1948 following the designs of Vladimir Ossipoff, one of the foremost architects working in Hawaii during the immediate post-war period.

Narrative Statement of Significance (provide at least one paragraph for each area of significance)

The colonial revival style Lyman/Carlsmith residence was constructed in 1922, following the design prepared by Hilo architect Frank Arakawa. As one of the earlier houses constructed in the Halaulani Place subdivision, it is significant for its associations with the development of that residential tract as well as the development of Hilo.

The two-story house is also architecturally significant as a good example of a colonial revival house constructed in Hawaii during the 1920s. The lateral running gable roof, clapboard siding, shuttered multi-paned double hung windows, gable returns, and no longer extant centered portico, all served as signifiers of the style. The presence of a single-story symmetry-breaking enclosed lanai on the side of the house is typical of colonial revival houses of the period in Hawaii. The design of the house was modified in 1949, when the Carlsmiths commissioned Vladimir Ossipoff to remodel their newly acquired home. At this time the front entry was removed, the façade running balcony was added, living room reconfigured, and master bedroom suite redesigned and expanded outward to the west. The interior transition between the side lanai and living room was also opened up at that time.

The house is also architecturally significant for the architects associated with its present design. Frank Arakawa was responsible for the original 1922 colonial revival style design. He was born and raised in Hilo, and served as Deputy County Engineer at the time he designed this building. He was one of the first nisei (second generation Japanese in Hawaii) to graduate from Stanford with a degree in civil engineering, and one of the earliest Japanese to practice architecture in Hawaii. His other works include: Hilo's Pacific Building, St. Joseph's Parish Hall, Police Station, and Hilo Junior High School, as well as Honokaa Elementary and High School. The Police Station and Honokaa schools are listed in the Hawaii register of historic places.

Vladimir Ossipoff was responsible for the remodeling of the house for the Carlsmiths in 1949. Ossipoff was born in Russia in 1907, but his family moved to Japan after the overthrow of the Czar. In 1923, the family relocated to Berkeley, California, where Vladimir graduated from high school and the University of California at Berkeley's school of architecture in 1931. He moved to Hawaii in 1932, and opened his own office in 1936. During the late 1940s, 1950s and 1960s he established himself as the premier architect in the islands by blending modern and regional sensibilities in high quality designs. Other works include the Outrigger Canoe Club, Bachman Hall at the University of Hawaii, McInerney Store in Waikiki, and Thurston Memorial Chapel on the campus of Punahou School, as well as numerous residences. He maintained his office until his death

in 1998. The balcony that runs across the front of the Lyman/Carlsmith house is reminiscent of the Monterey style residences that he designed during 1933 while working for Theo Davies's building department. Two

Ossipoff houses, the Liljestrand and Goodsill residences have been placed in the Hawaii Register of Historic Places, as has one house he remodeled in the 1950s, the Walker residence.

The house is also significant for its associations with the Lyman and Carlsmith families. Levi Lyman was born in Hilo in 1866, the son of Frederick S. and Isabella C. Lyman, both members of prominent missionary families. His paternal grandparents David and Sarah Lyman served the mission station in Hilo from 1832 until their deaths in 1884 and 1885. His maternal grandparents, Levi and Maria Patton Chamberlain, came to Hawaii with the second and third companies of missionaries, and wed in Lahaina. They were stationed in Honolulu, where Levi Chamberlain was the Superintendent of Secular Affairs for the mission.

Lyman was educated at Oahu College (now known as Punahou High School) and the Pratt Institute in Brooklyn, New York. He devoted his life to education, teaching at Kamehameha School in Honolulu as well as Hampton Institute. He is best remembered for the twenty-five years he served as the principal of the Hilo Boarding School for Boys, an institution founded by his grandfather, David Lyman in 1836, and over which his father presided for thirty four years as president of the board of trustees. The Boarding School closed in 1930, and Levi Lyman successfully transitioned the institution into a community service based organization. In addition, Lyman served as a director of the Hilo Electric Light Company and the First Trust Company of Hilo. The former position was directly related to the Hilo Boarding School, as the school pioneered the development of hydro-electric power in Hilo, and was the precursor of Hilo Electric Light Company. Levi Lyman died in October 1948, at which time Mr. and Mrs. Merrill Carlsmith purchased the property

Merrill Carlsmith was born in Hilo in 1905, the son of Carl S. and Nelle Carlsmith. His parents arrived in Honolulu in 1897 and in 1898 relocated to Hilo, where his father became associated in the practice of law with D.H. Hitchcock, the son of a Molokai missionary family, who had opened his law office in Hilo in 1857. He became partners with Hitchcock and upon Hitchcock's death assumed control of the firm, which today operates under the name of Carlsmith, Ball, the oldest law firm in the State of Hawaii, which maintains offices on the mainland as well as throughout the Pacific.

Merrill Carlsmith graduated from Hilo High School and went on to receive his BA and JD from Stanford, where his father and brother Carl W. Carlsmith, also received their law degrees. Upon graduation in 1930, he joined his father and brother as a member in the firm Carlsmith & Carlsmith, becoming a partner in this preeminent Hilo law firm in 1932. In addition to his legal practice, Merrill Carlsmith served on the board of trustees for the Hilo Boarding School since 1937.

Developmental history/additional historic context information (if appropriate)

NA

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets)

See Multiple Property Nomination for Halaulani Place, 1916-1960.

"Levi Lyman to Erect Fine Colonial Home," *Hilo Tribune*, March 21, 1922, page 5.

"Levi C. Lyman, Educator, Dies," *Honolulu Advertiser*, October 20, 1948, page 1.

Allen, Gwenfread, *Men and Women of Hawaii*, Honolulu: Honolulu Star Bulletin, 1966, page 74.

Hilleary, Perry Edward, *Men and Women of Hawaii*, Honolulu: Honolulu Star Bulletin, 1954, page 104.

Levi Lyman Residence
Name of Property

Hawaii

County of Hawaii, Hawaii
County and State

Hawaii State Bureau of Conveyances, book 2245, page 418.

Polk City Directories for Hawaii, 1921-1969

Original architectural drawings by Vladimir Ossipoff

Previous documentation on file (NPS):

☐ preliminary determination of individual listing (36 CFR 67 has been requested)
☐ previously listed in the National Register
☐ previously determined eligible by the National Register
☐ designated a National Historic Landmark
☐ recorded by Historic American Buildings Survey # _____
☐ recorded by Historic American Engineering Record # _____

Primary location of additional data:

☐ State Historic Preservation Office
☐ Other State agency
☐ Federal agency
☐ Local government
☐ University
☐ Other
Name of repository: _____

Historic Resources Survey Number (if assigned):

10. Geographical Data

Acreage of Property Less than one acre _____
(Do not include previously listed resource acreage)

UTM References

(Place additional UTM references on a continuation sheet)

1	05.	280720.	2183290	3			
	Zone	Easting	Northing		Zone	Easting	Northing
2				4			
	Zone	Easting	Northing		Zone	Easting	Northing

Verbal Boundary Description (describe the boundaries of the property)

This nomination includes the lands owned by Richard and Ilah Helmick in 2009 as described by Tax Map Key 2-6-006: 008.

Boundary Justification (explain why the boundaries were selected)

This is the property historically associated with the Levi C. Lyman Residence.

Levi Lyman Residence
Name of Property

Hawaii

County of Hawaii, Hawaii
County and State

11. Form Prepared By

name/title Don Hibbard

organization Mason Architects, Inc.

date February 22, 2009

street & number 119 Merchant Street, Suite 501

telephone (808) 536-0556

city or town Honolulu

state Hawaii

zip code 96813

e-mail

Additional Documentation

Submit the following items with the completed form:

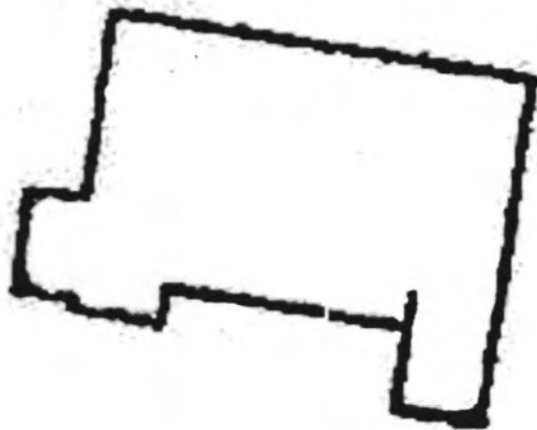
- **Maps:** A full-scale 7.5 minute USGS map with property location indicated is included.
- **Photograph(s):** A b/w photo meeting National Register photo submission requirements is included, along with a cd-rom containing a TIFF file of the photo.
- **Photographic Key:** A photo key with direction of view of residence indicated is attached.
- **Other Materials:** Photos of original floor plans for remodeling of first and second floors is attached; historic photos of the exterior and of the living room prior to 1948 remodel are attached.
- **Additional items:** A PDF copy of this entire National Register of Historic Places Registration Form is also included, located on the cd-rom containing the Photo TIFF file.

Levi Lyman Residence
Name of Property

Hawaii

County of Hawaii, Hawaii
County and State

Photo Key: Levi Lyman Residence



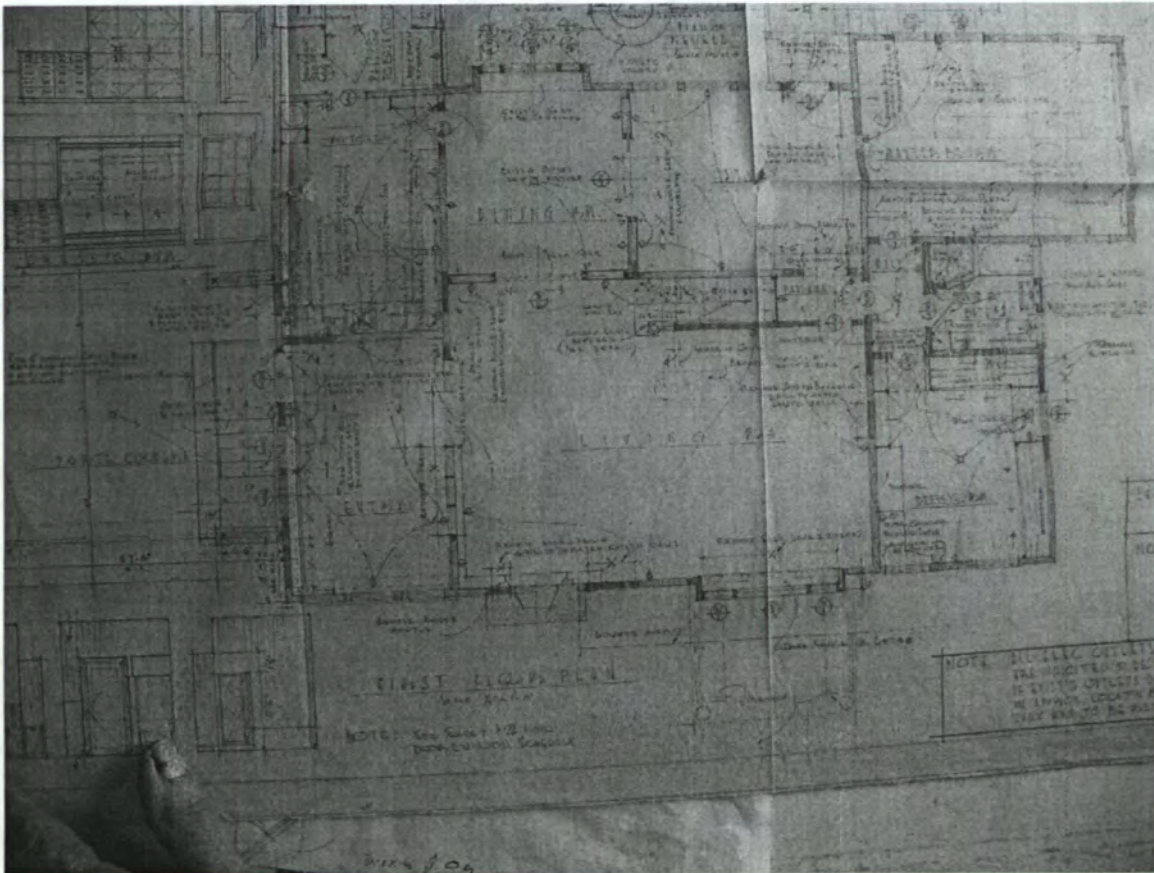
Levi Lyman Residence
Name of Property

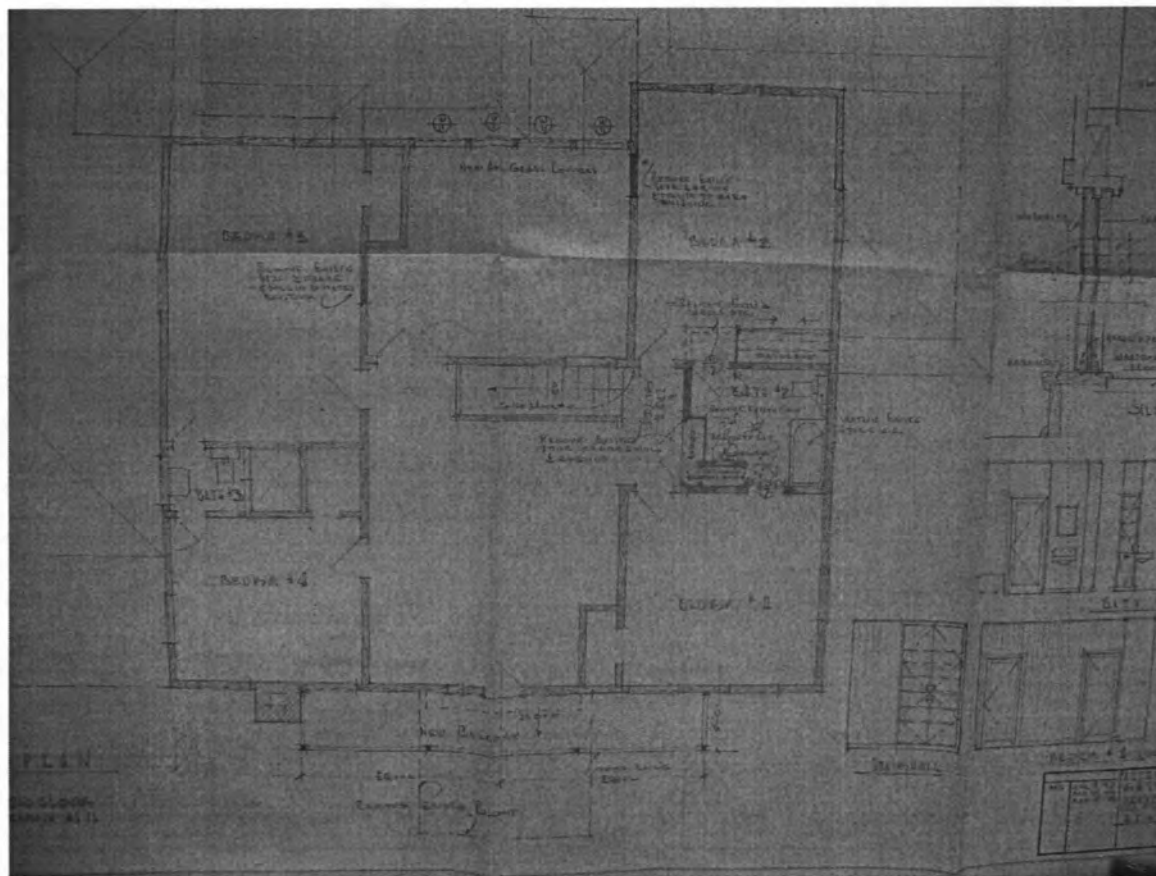
Hawaii

County of Hawaii, Hawaii
County and State

Other Materials

Original Floor Plan for remodeling: First floor





Levi Lyman Residence

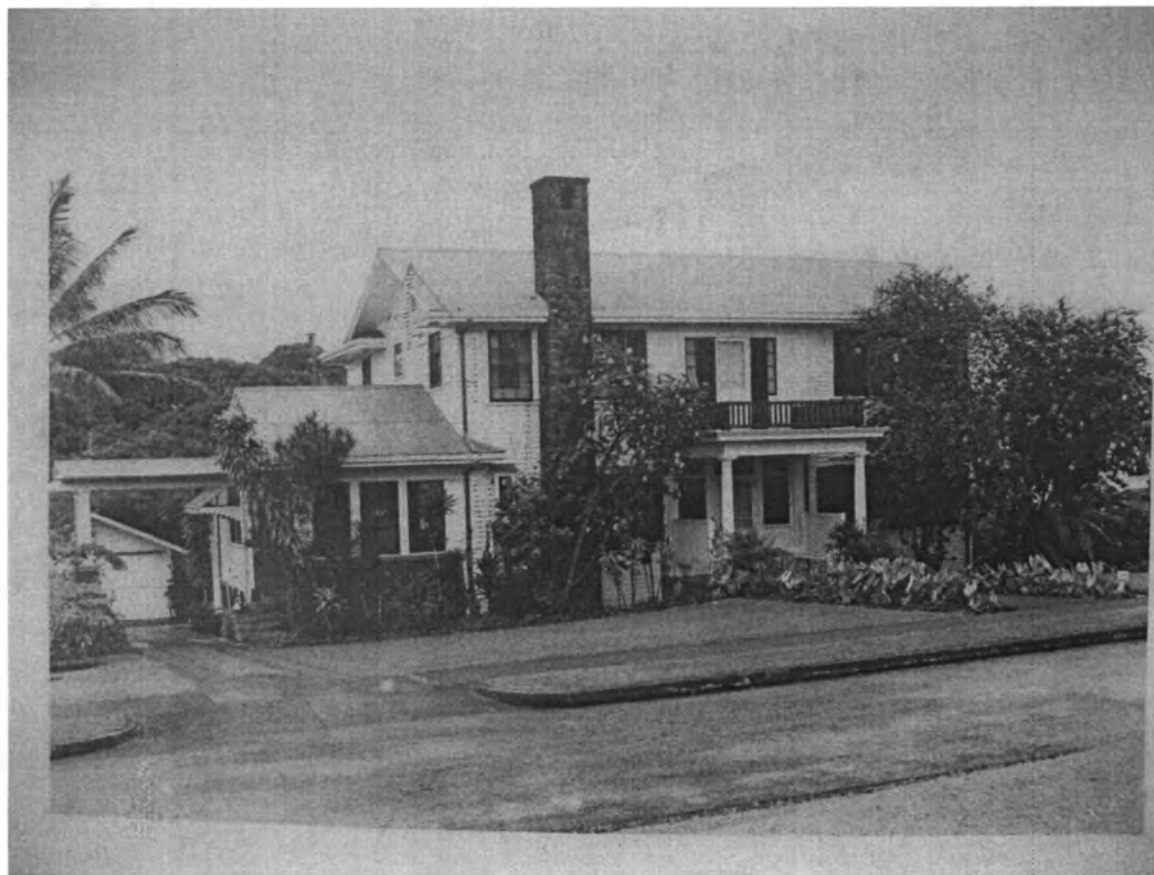
Hawaii

County of Hawaii, Hawaii

Name of Property

County and State

Historic Photograph: Exterior prior to 1948 remodel



Levi Lyman Residence

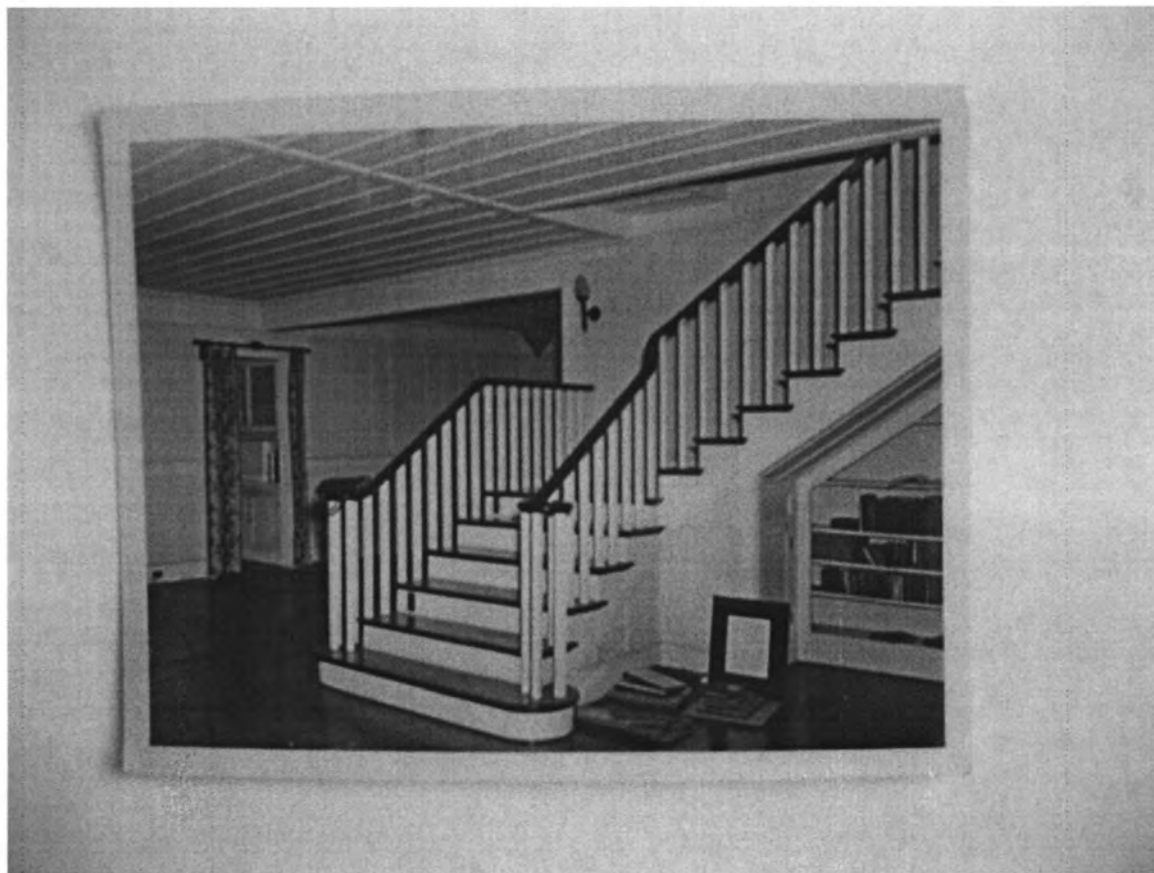
Hawaii

County of Hawaii, Hawaii

Name of Property

County and State

Historic Photograph: Living Room prior to 1948 remodel



Levi Lyman Residence

Hawaii

County of Hawaii, Hawaii

Name of Property

County and State

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 18 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 Chief, Administrative Services Division, National Park Service, PO Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section _____ Page _____

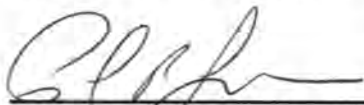
SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 11000059 Date Listed: 2/28/2011

<u>Lyman, Levi and Netti, House</u>	<u>Hawaii</u>	<u>HI</u>
Property Name	County	State

Halaulani Place, 1917-1960 MPS
Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.



Signature of the Keeper

2/28/11

Date of Action

Amended Items in Nomination:

Certification:

The documentation was submitted by the nominating authority as a "nomination" that "meets" the National Register Criteria.

[The certification blocks on the nomination form were inadvertently left blank and have now been corrected.]

Significance:

The Period of Significance should be noted as: 1922—1959, to correspond with the other resources nominated under the MPS.

Criterion B is deleted from the nomination, as are the Areas of Significance *Education and Law*, and *Levi Lyman and Merrill Carlsmith* as Significant Persons. [While Lyman and Carlsmith appear to have been local professionals, the nomination provides insufficient context with which to understand the relative significance of their contributions, or the existence of other properties that may be associated with their active careers. In order to establish significance under *Criterion B* it is necessary to apply a comparative analysis to help evaluate the relative importance of the individuals and the single property most representative of that persons significant contributions during his productive life (in this case that might include other homes, offices, and social institutions).]

These clarifications were confirmed with the Hawaii SHPO office.

DISTRIBUTION:

National Register property file
Nominating Authority (without nomination attachment)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY Lyman, Levi and Netti, House
NAME:

MULTIPLE Halaulani Place, 1917-1960 MPS
NAME:

STATE & COUNTY: HAWAII, Hawaii

DATE RECEIVED: 1/13/11
DATE OF 16TH DAY:
DATE OF WEEKLY LIST:

DATE OF PENDING LIST:
DATE OF 45TH DAY: 2/28/11

REFERENCE NUMBER: 11000059

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: Y SAMPLE: N SLR DRAFT: N NATIONAL: N

COMMENT WAIVER: N

☒ ACCEPT ☐ RETURN ☐ REJECT 2.28.11 DATE

ABSTRACT/SUMMARY COMMENTS:

The property is locally significant under National Register Criteria A and C in the areas of Community Planning & Development and Architecture. The handsome early, twentieth-century Colonial Revival design was a significant component of the successful Halaulani Place subdevelopment and reflects the growing prosperity of twentieth-century Hilo. The later modifications to the design by local master architect Vladimir Ossipoff in 1949, represent a distinct aspect of his prolific design career and reveal the continuing exclusive character of the development.

RECOM./CRITERIA _____

REVIEWER _____ DISCIPLINE _____

TELEPHONE _____ DATE _____

DOCUMENTATION see attached comments Y/N see attached SLR (Y/N)

If a nomination is returned to the nominating authority, the nomination is no longer under consideration by the NPS.



NAME OF PROPERTY: Levi Lyman Residence
CITY OR VICINITY: HILO
COUNTY: Hawaii
STATE: HI
NAME OF PHOTOGRAPHER: Don Hibbard
DATE OF PHOTOGRAPH: February 17, 2009
LOCATION OF ORIGINAL DIGITAL FILE: 119 Merchant
ST, Honolulu, HI 96813
DESCRIPTION OF VIEW: North facade
and east elevation, camera facing south-
west.
NUMBER OF PHOTOGRAPHS: photo
#1 of 1

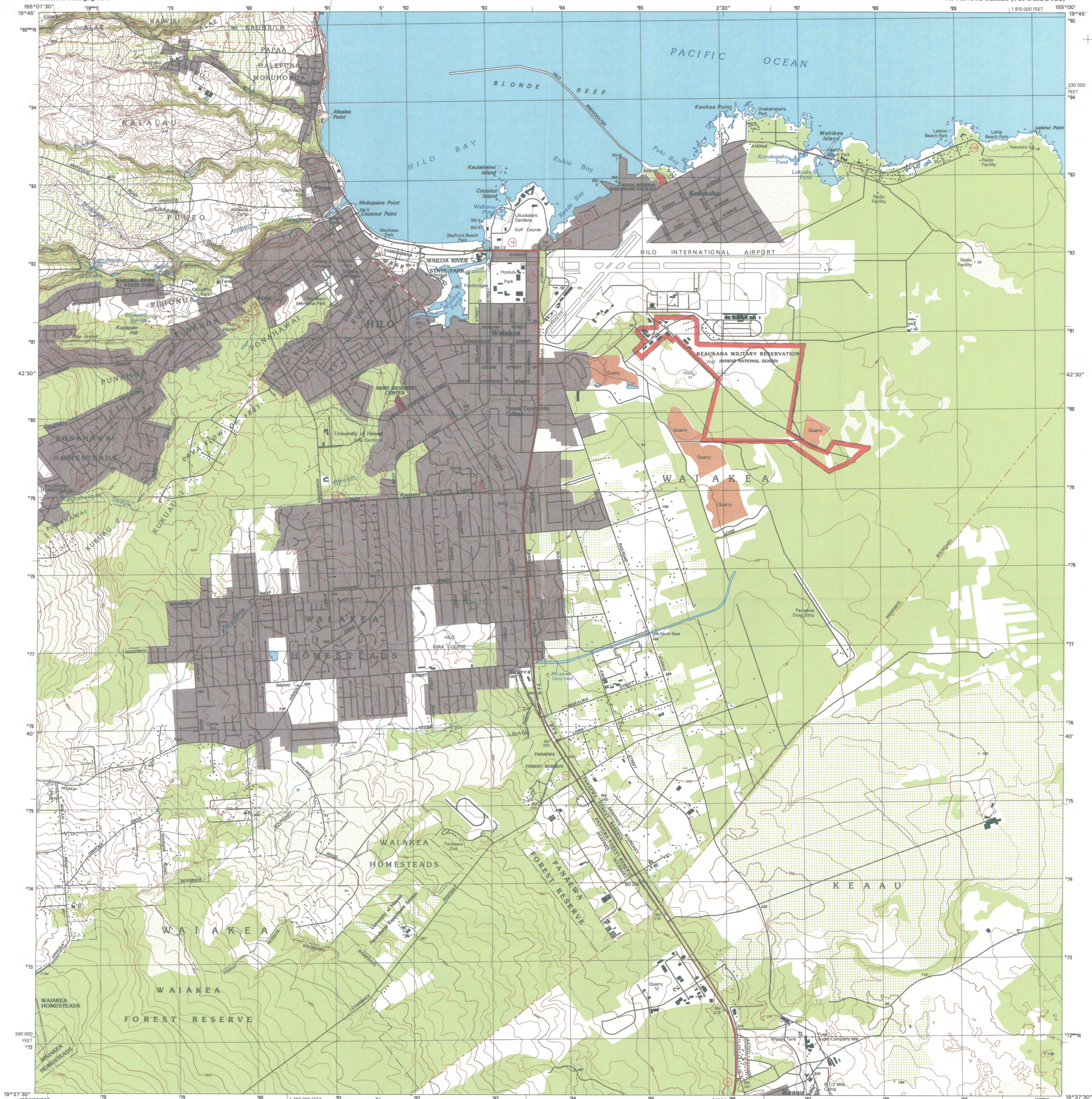


U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF DEFENSE
NATIONAL IMAGERY AND MAPPING AGENCY

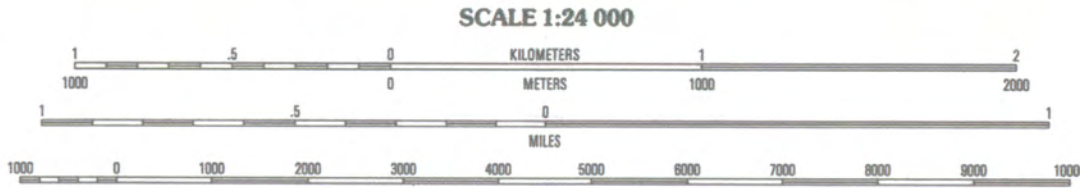
HILO QUADRANGLE
HAWAII-HAWAII CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

Levi Lyman Residence
40 Halaulani Place; Hilo, Hawaii County, HI
UTM Reference: 05.280720.2183290



Produced by the United States Geological Survey
in cooperation with National Imagery and Mapping Agency
Topography compiled 1961. Planimetry derived from imagery
taken 1992. Survey control current as of 1966.
North American Datum of 1983 (NAD 83). Projection and
1000-meter grid: Universal Transverse Mercator, zone 5
10 000-foot ticks: Hawaii Coordinate System of 1983
(zone 1).
Old Hawaiian Datum is shown by dashed corner ticks.
The values of the shift between NAD 83 and Old Hawaiian Datum
for 7.5-minute intersections are obtainable from National Geodetic
Survey NADCON software.
There may be private inholdings within the boundaries of
the National or State reservations shown on this map.

UTM GRID AND 1996 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

1 Akaka Falls
2 Papahāna
3 Pihema
4 Kilauea Ranch
5 Pua Mahealani
6 Pua Mahealani
7 Pua Mahealani
8 Pua Mahealani
9 Pua Mahealani

ROAD CLASSIFICATION

Primary highway
hard surface
Secondary highway
hard surface
Unimproved road
Light-duty road, hard or
improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

HILO, HI
1995

NIMA 5917 II NE-SERIES W833

