



Lehua Environmental Inc.

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HAZARDOUS MATERIALS SURVEY REPORT

FACILITY SURVEYED:

HAWAII ARMY NATIONAL GUARD
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND FIRING
RANGE BUILDING NUMBERS: 636 & 638
1304 KEKUANAOKA STREET
HILO, HAWAII 96720

PREPARED FOR:

STATE OF HAWAII – DEPARTMENT OF DEFENSE
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

CONDUCTED BY:

LEHUA ENVIRONMENTAL INC.
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DATE: MARCH 31, 2026



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1.0 CERTIFICATIONS AND LIMITATIONS

Lehua Environmental Inc. (LEI) has completed this Hazardous Materials Survey for building numbers: 501, 502, 629, 630 & 631 and fire range building numbers: 636 & 638 of the Hawaii Army National Guard Keaukaha Military Reservation located at 1304 Kekuanaoa Street in Hilo, Hawaii. LEI's findings and recommendations contained herein are based on research, site observations, government regulations and laboratory data, which were gathered at the time and location of the study. Opinions stated in this report do not apply to changes that may have occurred after the services were performed.

LEI has performed specified services for this project with the degree of care, skill and diligence ordinarily exercised by professional consultants performing the same or similar services. No other warranty, guarantee, or representation, expressed or implied, is included or intended; unless otherwise specifically agreed to in writing by both LEI and LEI's Client.

LEI makes no warranty or assumes no liability for the inappropriate use or misuse of this document.

Prepared By: _____

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Certification #: HIASB-5455, Expires: 11/4/26
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Date: _____

March 31, 2026



2.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS

Subject: Hazardous Materials Survey Report
Hawaii Army National Guard
Keaukaha Military Reservation
Building numbers: 501, 502, 629, 630 & 631 and Fire Range Building numbers:
636 & 638

Lehua Environmental Inc. (LEI) completed a Hazardous Materials Survey for building numbers: 501, 502, 629, 630 & 631 and fire range building numbers: 636 & 638 of the Hawaii Army National Guard Keaukaha Military Reservation located at 1304 Kekuanaoa Street in Hilo, Hawaii (Subject Site).

From March 11-12, 2026 LEI personnel performed site reconnaissance to identify and inventory suspect hazardous materials at the Subject Site. Below are the findings from LEI's Hazardous Materials Survey.

Asbestos-Containing Materials (ACM)

ACM was identified throughout the various buildings at the Subject Site. The table below summarizes the identified and assumed ACM at the Subject Site.

**IDENTIFIED AND ASSUMED ACM
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638**

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>
502	Int.	1	Rooms 1 and 6	Sheetrock ceiling with joint compound	White	Yes	Surf.	Fair	600
502	Int.	1	Rooms 1, 5 and 6	Sheetrock wall with joint compound	White	Yes	Surf.	Fair	1,100
502	Int.	1	Room 5	12" x 12" vinyl floor tile (VFT) and mastic	VFT-Grey Mastic-Black	No	Misc.	Fair	220
502	Ext.	Roof	Throughout	Vent tape & mastic	Mastic-Black	No	Misc.	Fair	1 linear ft. (lf)
631	Ext.	Roof	Throughout	Vent mastic	Black	No	Misc.	Fair	1



IDENTIFIED AND ASSUMED ACM (CONTINUED)
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>
638	Ext.	Roof	Throughout	Underroof paint	Silver	No	Misc.	Poor	515
638	Ext.	1	Throughout	Paint on metal framing	Silver	No	Misc.	Fair	300 lf
638	Ext.	1	Throughout	Concrete pier block	Grey	No	Misc.	Fair	30*

**Assumed as ACM due to trace asbestos fibers detected.*

The identified and assumed category I non-friable ACM and friable ACM which could be disturbed, crumbled and/or pulverized during renovation/demolition activities must be removed and disposed of by a qualified asbestos abatement contractor.

In addition, the services of a qualified consultant should be obtained to conduct air monitoring and inspect the removal activities to ensure compliance with applicable Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and Hawaii Occupational Safety and Health (HIOSH) regulations pertaining to the handling of asbestos-containing material.



Lead-Containing Paint (LCP) and Lead-Based Paint (LBP)

LCPs and LBPs were identified in poor to fair conditions on various surfaces throughout the Subject Site. The below table summarizes the identified and assumed LCPs and LBPs at the Subject Site.

IDENTIFIED LCP AND LBP
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638

<i>Bldg.</i>	<i>Int./ Ext..</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>
501	Int.	Room 1	Flooring	Grey	Concrete	Fair	470	LCP
501	Int.	Room 1	Wall & Ceiling	White	Wood	Fair	45	LCP
501	Int.	Room 1	Baseboard	Black	Wood	Fair	330	LCP
501	Int.	Throughout	Walls	Green	Wood	Fair	11,000	LBP
501	Int.	Throughout	Walls & Supports	Blue	Wood	Fair	42,000	LBP
501	Int.	Rooms 1 & 3	Door, Door Frame & Baseboard	Brown	Wood	Fair	380	LCP
501	Int.	Room 2	Baseboard	Brown	Concrete	Fair	640	LCP
501	Int./ Ext.	Room 3	Apparatus Door	Brown	Wood	Fair	7,900	LBP
501	Int.	Room 2	Door	White	Wood	Fair	580	LCP
501	Int./ Ext.	Throughout	Rafters & Ceiling	Green	Wood	Fair	20,000	LBP
501	Int.	Room 1	Baseboard & Foundation	Black	Concrete	Fair	1,500	LCP
501	Ext.	Throughout	Downspouts	Beige	PVC	Fair	47	LCP
501	Ext.	Throughout	Rafters	Beige	Wood	Fair	130	LCP
501	Ext.	Throughout	Foundation	Beige	CMU	Fair	1,900	LCP
502	Int.	Throughout	Wall, Door and Door Frame	Green	Wood	Fair	1,900	LCP
502	Int.	Rooms 4, 5 & 6	Floor & Foundation	Grey	Concrete	Fair	6,600	LBP
502	Int.	Rooms 1, 2 & 3	Floors	Grey	Wood	Fair	3,200	LCP
502	Int.	Rooms 1, 2 & 3	Walls	Green	Sheetrock	Fair	1,500	LCP



IDENTIFIED LCP AND LBP (CONTINUED)
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638

<i>Bldg.</i>	<i>Int./ Ext..</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>
502	Ext.	Throughout	Walls & Rafters	Beige	Wood	Fair	1,300	LCP
502	Ext.	Throughout	Window Frame	Brown	Wood	Fair	170	LCP
502	Ext.	Throughout	Post	Beige	Metal	Fair	390	LCP
502	Ext.	Throughout	Foundation & Post Base	Beige	Concrete	Fair	270	LCP
502	Ext.	Throughout	Door & Door Frame	Brown	Wood	Poor	5,200	LBP
502	Int.	Throughout	Window Frame	Green	Wood	Poor	1,600	LCP
629	Int.	Throughout	Walls	Green	CMU	Poor	8,200	LBP
629	Int.	Throughout	Posts & Framing	Green	Metal	Fair	50,000	LBP
629	Int.	Throughout	Corrugated Roof Panel (Underside)	Grey	Metal	Fair	570	LCP
629	Int.	Throughout	Corrugated Wall Panel	Green	Metal	Poor	860	LCP
629	Ext.	Throughout	Gutters	Beige	Metal	Fair	66	LCP
629	Ext.	Throughout	Walls	Beige	CMU	Fair	100	LCP
629	Ext.	Throughout	Window Frame	Brown	Wood	Fair	2,700	LCP
630	Int./ Ext.	Throughout	Wall	Beige	CMU	Fair	220	LCP
630	Int.	Throughout	Wall	Green	CMU	Fair	520	LCP
630	Int./ Ext.	Throughout	Corrugated Wall Panels	Beige	Metal	Poor	3,300	LCP
630	Int.	Throughout	Framing	Green	Metal	Poor	62,000	LBP
630	Int.	Throughout	Framing	Beige	Metal	Poor	800	LCP
630	Ext.	Throughout	Window Frame	Beige	Wood	Fair	120	LCP
630	Int./ Ext.	Throughout	Corrugated Wall Panels	Green	Metal	Poor	2,700	LCP
630	Ext.	Throughout	Rafter	Beige	Wood	Fair	1,600	LCP



IDENTIFIED LCP AND LBP (CONTINUED)
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638

<i>Bldg.</i>	<i>Int./ Ext..</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>
631	Ext.	Throughout	Framing	Brown	Wood	Fair	170	LCP
636	Ext.	Throughout	Wall & Framing	Green	Wood	Poor	33,000	LBP
636	Int.	Throughout	Wall & Rafters	Grey	Wood	Poor	4,200	LCP
636	Ext.	Throughout	Corrugated Roof Panels	Red	Metal	Poor	180	LCP
636	Int./ Ext.	Throughout	Window Frame	Grey	Wood	Poor	18,000	LBP
636	Int./ Ext.	Throughout	Door & Door Frame	Grey	Wood	Poor	50,000	LBP
638	Int./ Ext.	Throughout	Walls	Green	Wood	Poor	250,000	LBP
638	Ext.	Throughout	Rafter, Framing & Foundation	Silver	Wood	Poor	3,000	LCP
638	Ext.	Throughout	Corrugated Roof Panels	Silver	Metal	Poor	1,100	LCP

LEI recommends the following for LBP and LCP disturbance:

- If planned renovation and/or demolition activities occur at the Subject Site, spot remove and dispose of all loose and flaking (poor condition) LBP and LCP that may be disturbed or become dislodged during renovation/demolition activities in accordance with applicable local, state, and federal regulations.
- Workers performing disturbance of LBP and LCP must take appropriate measures to comply with applicable OSHA and HIOSH regulations pertaining to the handling of lead containing materials, lead dust and worker protection. Note that OSHA and HIOSH regulate activities that disturb paint which contain any detectable concentration of lead.
- A qualified consultant should be obtained to conduct air monitoring and inspection activities to ensure compliance with applicable state and federal regulations pertaining to the handling of lead paint.



Arsenic-Containing Building Products (ArCBP)

ArCBPs were identified in poor condition in buildings 501 and 502 at the Subject Site. The below table summarizes the identified ArCBPs at the Subject Site.

**IDENTIFIED ARSENIC-CONTAINING BUILDING PRODUCTS
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638**

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>
501	Int.	Room 2	Ceiling	White	Canec	Poor
502	Int.	Room 4 & 6	Ceiling	White	Canec	Poor

LEI recommends the following for ArCBP disturbance:

- If planned renovation and/or demolition activities occur at the Subject Site, remove and dispose of all ArCBP that may be disturbed or become dislodged during renovation/demolition activities in accordance with applicable local, state, and federal regulations.
- Workers performing disturbance of ARCBP must take appropriate measures to comply with applicable OSHA and HIOSH regulations pertaining to the handling of arsenic containing materials, arsenic dust and worker protection.
- A qualified consultant should be obtained to conduct air monitoring and inspection activities to ensure compliance with applicable state and federal regulations pertaining to the handling of arsenic-containing materials.

Stored Chemicals

LEI identified 2 containers of stored chemicals in building 638 of the Subject Site. Table 4 located in Appendix I summarizes these findings.

The stored chemicals should be removed and disposed by appropriately trained individuals in accordance with applicable local, state, and federal regulations.



Mercury-Containing Lights and PCB-Containing Light Ballasts Survey

During this survey, one-hundred eighteen (118) mercury-containing lights and sixty-seven (67) assumed PCB-containing light ballasts were identified at the Subject Site.

The table below summarizes the mercury-containing lamps and PCB-containing light ballasts.

**MERCURY-CONTAINING LIGHTS AND PCB-CONTAINING LIGHT BALLASTS
KEAUKAHA MILITARY RESERVATION
BUILDING NUMBERS: 501, 502, 629, 630 & 631 AND
FIRE RANGE BUILDING NUMBERS: 636 & 638**

<i>Bldg.</i>	<i>Rooms</i>	<i>Description</i>	<i>Quantity</i>	<i>Description</i>	<i>Quantity</i>
501	Room 1	4' Mercury-Containing Fluorescent Lights	14	PCB-Containing Light Ballasts	8
501	Room 2	4' Mercury-Containing Fluorescent Lights	12	PCB-Containing Light Ballasts	6
501	Room 3	4' Mercury-Containing Fluorescent Lights	24	PCB-Containing Light Ballasts	15
501	Room 4	4' Mercury-Containing Fluorescent Lights	2	PCB-Containing Light Ballasts	1
501	Room 5	4' Mercury-Containing Fluorescent Lights	2	PCB-Containing Light Ballasts	1
502	Room 1	4' Mercury-Containing Fluorescent Lights	6	PCB-Containing Light Ballasts	4
502	Room 2	4' Mercury-Containing Fluorescent Lights	2	PCB-Containing Light Ballasts	1
502	Room 3	4' Mercury-Containing Fluorescent Lights	0	PCB-Containing Light Ballasts	1
502	Room 4	4' Mercury-Containing Fluorescent Lights	6	PCB-Containing Light Ballasts	3
502	Room 5	4' Mercury-Containing Fluorescent Lights	8	PCB-Containing Light Ballasts	6
502	Room 6	4' Mercury-Containing Fluorescent Lights	16	PCB-Containing Light Ballasts	8
629	Throughout	4' Mercury-Containing Fluorescent Lights	20	PCB-Containing Light Ballasts	10
630	Throughout	4' Mercury-Containing Fluorescent Lights	6	PCB-Containing Light Ballasts	3
MERCURY-CONTAINING FLUORESCENT LIGHTS TOTAL			118	PCB-CONTAINING LIGHT BALLASTS TOTAL	67

The identified mercury-containing fluorescent lights and PCB-containing light ballasts which could be disturbed, damaged and release hazardous materials during renovation/demolition activities must be removed and disposed of by a qualified contractor.



3.0 SCOPE OF WORK

LEI performed the following scope of work:

- Performed site reconnaissance at the Subject Site to determine hazardous materials
- Collected a total of one-hundred fourteen (114) bulk samples for asbestos analysis from the Subject Site in accordance with DOH/EPA guidelines;
- Submitted the one-hundred fourteen (114) bulk samples to Hawaii Analytical Laboratories, LLC for analysis by polarized light microscopy (PLM) in accordance with NIOSH Method – 600/R-93/116 to determine asbestos type and content;
- Collected sixty-two (62) paint chip samples from the painted surfaces of the Subject Site;
- Submitted the sixty-two (62) paint chip samples to Hawaii Analytical Laboratories, LLC for analysis via EPA Method 7082m LEAD by Flame Atomic Absorption Spectrophotometry (FAAS) for total lead content; and
- Collected two (2) bulk samples of suspect arsenic-containing building products from the Subject Site;
- Submitted the two (2) suspect arsenic-containing bulk sample to Hawaii Analytical Laboratories, LLC for analysis of total arsenic content;
- Inspected and documented mercury-containing light bulbs and PCB-containing light ballasts;
- Inspected and documented the stored chemicals inside of buildings and around the building exteriors of the Subject Site; and
- Provided this Letter Report documenting LEI's methodologies, findings, photograph documentation and recommendations.



4.0 METHODOLOGY

Asbestos, Lead Paint and Arsenic Survey

Samples of building materials suspected of containing asbestos, lead paint, and arsenic were collected in a manner that minimized airborne dust using a decontaminated chisel, razor, and/or hammer. Suspect hazardous materials were wetted with amended water before sample collection. Suspect materials were carefully cut out and placed into a labeled re-sealable plastic bags and sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. LEI's inspector collected triplicate samples for asbestos, single samples for lead, and single samples for arsenic. Samples were placed in plastic bags, labeled with a unique identification number and recorded on a chain of custody. For each sample, the sample appearance, analyte, and sample location were recorded on a field data form. All samples were collected by LEI's State of Hawaii Department of Health certified asbestos inspectors and lead paint inspectors.

All samples were properly logged and recorded following strict chain of custody procedure and submitted to Hawaii Analytical Laboratories, LLC (HAL) for analysis by polarized light microscopy in accordance with EPA Method 600/R-93/116. HAL is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP). Lead paint samples were submitted to HAL for analysis in accordance with EPA Method 7082m LEAD by FAAS. Arsenic samples were submitted to HAL for analysis of total arsenic.

Mercury-Containing Lights and PCB-Containing Light Ballasts

LEI made visual observations to inventory and identify the presence of mercury-containing fluorescent lights and PCB-containing light ballasts.

Fluorescent light bulbs were inspected for the presence of labeling stating "No Mercury". If labeling was not observed on the light bulb or if the light bulb was not accessible, the light bulb was assumed to be mercury-containing.

Fluorescent light ballasts were inspected for the presence of labeling stating "No PCBs". If labeling was not observed on the light ballasts and/or if the ballasts were not accessible, the ballast was assumed to be PCB-containing.

Stored Chemicals

LEI made visual observations to inventory and identify the stored chemicals located inside the buildings and around the building exterior of the Subject Site. Labeling, if present, was inspected and documented. If no labeling was observed, LEI personal noted the container type. The estimated quantity and capacity of each container was also documented.



5.0 RESULTS

Asbestos

Eight (8) of the sampled suspect materials were identified to be ACM. Table 1 located in Appendix I summarizes the results of the asbestos survey. Additionally, Photograph Log 1 included in Appendix II includes photographs of the sampled materials. The sample location map for all suspect asbestos bulk samples collected are included in Appendix III. The laboratory results are included in Appendix IV.

Lead Paint

Thirteen (13) of the sampled painted building components contained lead in excess of the EPA/HUD guideline of 5,000 mg/kg to be considered Lead-Based Paint (LBP). Additionally, thirty-six (36) of the sampled painted building components contained detectable levels of lead at levels less than 5,000 mg/kg and are considered to be Lead-Containing Paint (LCP).

Table 2 located in Appendix I summarizes the results of the lead paint survey. Additionally, Photograph Log 2 included in Appendix II includes photographs of the sampled paints. The sample location map for all suspect lead paint samples collected are included in Appendix III. The laboratory results are included in Appendix IV.

Arsenic

Two (2) of the sampled materials were identified to be ArCBP. Table 3 located in Appendix I summarizes the results of the arsenic survey. Additionally, Photograph Log 3 included in Appendix II includes photographs of the sampled paints. The sample location map for all suspect arsenic bulk samples collected are included in Appendix III. The laboratory results are included in Appendix IV.

Mercury-Containing Lights and PCB-Containing Light Ballasts Survey

During this survey, one-hundred eighteen (118) mercury-containing lights and sixty-seven (67) PCB-containing light ballasts were identified at the Subject Site.

Stored Chemicals

The stored chemical list including estimated quantities are included in Table 4 in Appendix I.



Appendix I

TABLE 1. ASBESTOS SURVEY SUMMARY
TABLE 2. LEAD PAINT SURVEY SUMMARY
TABLE 3. ARSENIC SURVEY SUMMARY
TABLE 4. STORED CHEMICAL LIST

Table 1. Asbestos Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>	<i>Asbestos Content</i>	<i>Sample ID</i>
501	Int.	1	Room 1	Concrete floor	Grey	No	Misc.	Fair	560	None Detected	B501 A1
										None Detected	B501 A2
										None Detected	B501 A3
501	Int.	1	Rooms 2 and 4	Sheetrock wall w/ joint compound	White	Yes	Surf.	Fair	1,100	None Detected	B501 A4
										None Detected	B501 A5
										None Detected	B501 A6
501	Int.	1	Throughout	Window frame caulking	White	No	Misc.	Fair	20 linear ft. (lf)	None Detected	B501 A7
										None Detected	B501 A8
										None Detected	B501 A9
501	Int.	1	Room 2	Canec ceiling	White	No	Misc.	Fair	400	None Detected	B501 A10
										None Detected	B501 A11
										None Detected	B501 A12
501	Int.	1	Room 4	Sink caulking	White	No	Surf.	Fair	5 lf	None Detected	B501 A13
										None Detected	B501 A14
										None Detected	B501 A15
501	Int.	1	Throughout	Concrete floor	Grey	No	Misc.	Fair	5,000	None Detected	B501 A16
										None Detected	B501 A17
										None Detected	B501 A18
501	Ext.	1	Throughout	Concrete post blocks	Beige	No	Misc.	Fair	10	None Detected	B501 A19
										None Detected	B501 A20
										None Detected	B501 A21
501	Ext.	Roof	Throughout	Vent tape & mastic	Black	No	Misc.	Fair	5 lf	None Detected	B501 A22
										None Detected	B501 A23
										None Detected	B501 A24
501	Ext.	Roof	Throughout	Roof panel layer	Black/ White	No	Misc.	Fair	5,000	None Detected	B501 A25
										None Detected	B501 A26
										None Detected	B501 A27
502	Int.	1	Rooms 1 and 6	Sheetrock ceiling with joint compound	White	Yes	Surf.	Fair	600	2% Chrysotile (Joint Compound)	B502 A1
											B502 A2
											B502 A3

Bold text indicates identified or assumed ACM.

**Assumed ACM due to trace asbestos identified in laboratory report.*

Table 1. Asbestos Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>	<i>Asbestos Content</i>	<i>Sample ID</i>
502	Int.	1	Rooms 1, 5 and 6	Sheetrock wall with joint compound	White	Yes	Surf.	Fair	1,100	2% Chrysotile (Joint Compound)	B502 A4
											B502 A5
											B502 A6
502	Int.	1	Room 2	Sink undercoating	Grey	No	Misc.	Fair	6	None Detected	B502 A7
										None Detected	B502 A8
										None Detected	B502 A9
502	Int.	1	Rooms 4, 5, and 6	Concrete floor	Grey	No	Misc.	Fair	1,650	None Detected	B502 A10
										None Detected	B502 A11
										None Detected	B502 A12
502	Int.	1	Rooms 4 and 5	Canec ceiling	White	Yes	Misc.	Poor	1,050	None Detected	B502 A13
										None Detected	B502 A14
										None Detected	B502 A15
502	Int.	1	Room 5	12" x 12" vinyl floor tile (VFT) and mastic	VFT-Grey Mastic-Black	No	Misc.	Fair	220	4 % Chrysotile (Black Mastic)	B502 A16
											B502 A17
											B502 A18
502	Int.	1	Room 5	Cove base w/ adhesive	Brown	No	Misc.	Poor	60 lf	None Detected	B502 A19
										None Detected	B502 A20
										None Detected	B502 A21
502	Ext.	1	Throughout	Concrete base skim coat	Tan	No	Surf.	Fair	1,650	None Detected	B502 A22
										None Detected	B502 A23
										None Detected	B502 A24
502	Ext.	Roof	Throughout	Vent tape & mastic	Mastic-Black	No	Misc.	Fair	1 lf	5% Chrysotile (Black mastic)	B502 A25
											B502 A26
											B502 A27
502	Ext.	Roof	Throughout	Roof panel layer	Black/White	No	Misc.	Fair	1,800	None Detected	B502 A28
										None Detected	B502 A29
										None Detected	B502 A30
629	Int./Ext.	1	Throughout	Concrete floor	Grey	No	Misc.	Fair	1,740	None Detected	B629 A1
										None Detected	B629 A2
										None Detected	B629 A3

Bold text indicates identified or assumed ACM.

**Assumed ACM due to trace asbestos identified in laboratory report.*

Table 1. Asbestos Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>	<i>Asbestos Content</i>	<i>Sample ID</i>
629	Int./Ext.	1	Throughout	CMU skim coat wall	Light yellow	No	Surf.	Fair	550	None Detected	B629 A4
										None Detected	B629 A5
										None Detected	B629 A6
629	Int./Ext.	1	Throughout	CMU skim coat wall	Green	No	Surf.	Poor	550	None Detected	B629 A7
										None Detected	B629 A8
										None Detected	B629 A9
629	Ext.	1	Throughout	Corrugated wall patching tape	White	No	Misc.	Fair	1,700	None Detected	B629 A10
										None Detected	B629 A11
										None Detected	B629 A12
629	Ext.	Roof	Throughout	Roof panel layer	Black/white	No	Misc.	Fair	1,700	None Detected	B629 A13
										None Detected	B629 A14
										None Detected	B629 A15
630	Int.	1	Throughout	Concrete floor	Grey	No	Misc.	Fair	1,425	None Detected	B630 A1
										None Detected	B630 A2
										None Detected	B630 A3
630	Int./Ext.	1	Throughout	CMU skim coat wall foundation	Beige	No	Surf.	Fair	50	None Detected	B630 A4
										None Detected	B630 A5
										None Detected	B630 A6
630	Int.	1	Throughout	CMU skim coat wall foundation	Green	No	Surf.	Fair	60	None Detected	B630 A7
										None Detected	B630 A8
										None Detected	B630 A9
630	Ext.	1	Throughout	Window frame caulking	Beige	No	Misc.	Fair	32 lf	None Detected	B630 A10
										None Detected	B630 A11
										None Detected	B630 A12
630	Ext.	1	Throughout	Tape & Mastic	Black	No	Misc.	Fair	1	None Detected	B630 A13
										None Detected	B630 A14
										None Detected	B630 A15
630	Ext.	Roof	Throughout	Roof panel layer	White	No	Misc.	Fair	1,600	None Detected	B630 A16
										None Detected	B630 A17
										None Detected	B630 A18

Bold text indicates identified or assumed ACM.

**Assumed ACM due to trace asbestos identified in laboratory report.*

Table 1. Asbestos Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Floor</i>	<i>Room</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>	<i>Asbestos Content</i>	<i>Sample ID</i>
630	Ext.	Roof	Throughout	Vent caulking	White	No	Misc.	Fair	5 lf	None Detected	B630 A19
										None Detected	B630 A20
										None Detected	B630 A21
631	Ext.	Roof	Throughout	Vent mastic	Black	No	Misc.	Fair	1	8% Chrysotile (Black Mastic)	B631 A1
											B631 A2
											B631 A3
631	Int.	1	Room 1	CMU skim coat	Grey	No	Surf.	Fair	100	None Detected	B631 A4
										None Detected	B631 A5
										None Detected	B631 A6
631	Ext.	1	Throughout	Concrete floor	Grey	No	Misc.	Fair	400	None Detected	B631 A7
										None Detected	B631 A8
										None Detected	B631 A9
631	Int.	1	Throughout	Concrete base	Grey	No	Misc.	Fair	380	None Detected	B636 A1
										None Detected	B636 A2
										None Detected	B636 A3
638	Ext.	Roof	Throughout	Underroof paint	Silver	No	Misc.	Poor	515	2% Chrysotile (Silver Coat)	B638 A1
											B638 A2
											B638 A3
638	Ext.	1	Throughout	Paint on metal framing	Silver	No	Misc.	Fair	300 lf	2% Chrysotile (Silver Coat)	B638 A4
											B638 A5
											B638 A6
638	Ext.	1	Throughout	Concrete pier block	Grey	No	Misc.	Fair	6 blocks	<1 % Chrysotile* (Silver Coat)	B638 A7
											B638 A8
											B638 A9

Bold text indicates identified or assumed ACM.

**Assumed ACM due to trace asbestos identified in laboratory report.*

Table 2. Lead Paint Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
501	Int.	Room 1	Flooring	Grey	Concrete	Fair	470	LCP	B501 L1
501	Int.	Room 1	Wall & Ceiling	White	Wood	Fair	45	LCP	B501 L2
501	Int.	Room 1	Baseboard	Black	Wood	Fair	330	LCP	B501 L3
501	Int.	Throughout	Walls	Green	Wood	Fair	11,000	LBP	B501 L4
501	Int.	Throughout	Walls & Supports	Blue	Wood	Fair	42,000	LBP	B501 L5
501	Int.	Rooms 1 & 3	Door, Door Frame & Baseboard	Brown	Wood	Fair	380	LCP	B501 L6
501	Int.	Rooms 2 & 4	Walls	White	Sheetrock	Fair	< 40 ¹	ND	B501 L7
501	Int.	Room 2	Window Frame	Brown	Wood	Fair	< 40 ¹	ND	B501 L8
501	Int.	Room 2	Baseboard	Brown	Concrete	Fair	640	LCP	B501 L9
501	Int./ Ext.	Room 3	Apparatus Door	Brown	Wood	Fair	7,900	LBP	B501 L10
501	Int.	Room 2	Door	White	Wood	Fair	580	LCP	B501 L11
501	Int./ Ext.	Throughout	Rafters & Ceiling	Green	Wood	Fair	20,000	LBP	B501 L12
501	Int.	Room 1	Baseboard & Foundation	Black	Concrete	Fair	1,500	LCP	B501 L13
501	Ext.	Throughout	Corrugated Walls Panels & Overhang	Beige	Metal	Fair	< 40 ¹	ND	B501 L14
501	Ext.	Throughout	Gutters	Beige	PVC	Fair	< 40 ¹	ND	B501 L15
501	Ext.	Throughout	Downspouts	Beige	PVC	Fair	47	LCP	B501 L16

Bold text indicates identified LBP and LCP.

¹ Below the laboratory detection limit.

Table 2. Lead Paint Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
501	Ext.	Throughout	Rafters	Beige	Wood	Fair	130	LCP	B501 L17
501	Ext.	Throughout	Corrugated Roof Panels	Off-White	Metal	Fair	< 40 ¹	ND	B501 L18
501	Ext.	Throughout	Foundation	Beige	CMU	Fair	1,900	LCP	B501 L19
501	Int.	Room 2	Ceiling	White	Canec	Fair	< 40 ¹	ND	B501 L20
502	Int.	Throughout	Wall, Door and Door Frame	Green	Wood	Fair	1,900	LCP	B502 L1
502	Int.	Rooms 4, 5 & 6	Floor & Foundation	Grey	Concrete	Fair	6,600	LBP	B502 L2
502	Int.	Rooms 4, 5 & 6	Wall & Ceiling	Off-White	Sheetrock	Fair	< 40 ¹	ND	B502 L3
502	Int.	Rooms 4, 5 & 6	Ceiling	White	Canec	Poor	< 40 ¹	ND	B502 L4
502	Int.	Rooms 1, 2 & 3	Floors	Grey	Wood	Fair	3,200	LCP	B502 L5
502	Int.	Rooms 1, 2 & 3	Walls	Green	Sheetrock	Fair	1,500	LCP	B502 L6
502	Ext.	Throughout	Walls & Rafters	Beige	Wood	Fair	1,300	LCP	B502 L7
502	Ext.	Throughout	Window Frame	Brown	Wood	Fair	170	LCP	B502 L8
502	Ext.	Throughout	Corrugated Roof Panel (Underside)	Beige	Metal	Fair	< 40 ¹	ND	B502 L9

Bold text indicates identified LBP and LCP.

¹ *Below the laboratory detection limit.*

Table 2. Lead Paint Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
502	Ext.	Throughout	Post	Beige	Metal	Fair	390	LCP	B502 L10
502	Ext.	Throughout	Foundation & Post Base	Beige	Concrete	Fair	270	LCP	B502 L11
502	Ext.	Throughout	Door & Door Frame	Brown	Wood	Poor	5,200	LBP	B502 L12
502	Int.	Throughout	Window Frame	Green	Wood	Poor	1,600	LCP	B502 L13
502	Ext.	Throughout	Corrugated Roof Panel (Top)	Off-White	Metal	Fair	< 40 ¹	ND	B502 L14
629	Int.	Throughout	Walls	Green	CMU	Poor	8,200	LBP	B629 L1
629	Int.	Throughout	Posts & Framing	Green	Metal	Fair	50,000	LBP	B629 L2
629	Int.	Throughout	Corrugated Roof Panel (Underside)	Grey	Metal	Fair	570	LCP	B629 L3
629	Ext.	Throughout	Corrugated Roof Panel (Top)	Off-White	Metal	Fair	< 40 ¹	ND	B629 L4
629	Int.	Throughout	Corrugated Wall Panel	Green	Metal	Poor	860	LCP	B629 L5
629	Ext.	Throughout	Downspouts	Beige	PVC	Fair	< 40 ¹	ND	B629 L6
629	Ext.	Throughout	Gutters	Beige	Metal	Fair	66	LCP	B629 L7
629	Ext.	Throughout	Walls	Beige	CMU	Fair	100	LCP	B629 L8
629	Ext.	Throughout	Window Frame	Brown	Wood	Fair	2,700	LCP	B629 L9
630	Int./ Ext.	Throughout	Wall	Beige	CMU	Fair	220	LCP	B630 L1

Bold text indicates identified LBP and LCP.

¹ *Below the laboratory detection limit.*

Table 2. Lead Paint Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
630	Int.	Throughout	Wall	Green	CMU	Fair	520	LCP	B630 L2
630	Int./ Ext.	Throughout	Corrugated Wall Panels	Beige	Metal	Poor	3,300	LCP	B630 L3
630	Int.	Throughout	Framing	Green	Metal	Poor	62,000	LBP	B630 L4
630	Int.	Throughout	Framing	Beige	Metal	Poor	800	LCP	B630 L5
630	Ext.	Throughout	Corrugated Wall Panels	White	Metal	Fair	< 40 ¹	ND	B630 L6
630	Ext.	Throughout	Window Frame	Beige	Wood	Fair	120	LCP	B630 L7
630	Int./ Ext.	Throughout	Corrugated Wall Panels	Green	Metal	Poor	2,700	LCP	B630 L8
630	Ext.	Throughout	Rafter	Beige	Wood	Fair	1,600	LCP	B630 L9
631	Ext.	Throughout	Framing	Brown	Wood	Fair	170	LCP	B631 L1
631	Ext.	Throughout	Storage Container	White	Metal	Fair	< 40 ¹	ND	B631 L2
636	Ext.	Throughout	Wall & Framing	Green	Wood	Poor	33,000	LBP	B636 L1
636	Int.	Throughout	Wall & Rafters	Grey	Wood	Poor	4,200	LCP	B636 L2
636	Ext.	Throughout	Corrugated Roof Panels	Red	Metal	Poor	180	LCP	B636 L3
636	Int./ Ext.	Throughout	Window Frame	Grey	Wood	Poor	18,000	LBP	B636 L4

Bold text indicates identified LBP and LCP.

¹ *Below the laboratory detection limit.*

Table 2. Lead Paint Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
636	Int./ Ext.	Throughout	Door & Door Frame	Grey	Wood	Poor	50,000	LBP	B636 L5
638	Int./ Ext.	Throughout	Walls	Green	Wood	Poor	250,000	LBP	B638 L1
638	Ext.	Throughout	Rafter, Framing & Foundation	Silver	Wood	Poor	3,000	LCP	B638 L2
638	Ext.	Throughout	Corrugated Roof Panels	Silver	Metal	Poor	1,100	LCP	B638 L3

Bold text indicates identified LBP and LCP.

¹ *Below the laboratory detection limit.*

Table 3. Arsenic Survey Summary
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanoa Street, Hilo, Hawaii, 96720

<i>Bldg.</i>	<i>Int./ Ext.</i>	<i>Area</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>Arsenic- Containing</i>	<i>Sample ID</i>
501	Int	Room 2	Ceiling	White	Canec	Poor	4,500	Yes	B501 AR1`
502	Int	Room 4 & 6	Ceiling	White	Canec	Poor	4,500	Yes	B502 AR1

Table 4. Stored Chemicals
Hazardous Materials Survey
Keaukaha Military Reservation Buildings 501, 502, 629, 630, 631, 636, 638
1304 Kekuanaoa Street, Hilo, Hawaii 96720

Bldg.	Amount	% Full	Brand	Chemical
638	2 gallon container	75	Unknown	Unknown
638	5 gallon bucket	75	Pulsar Plus	Dry Chlorinator Brigettes



Appendix **II**

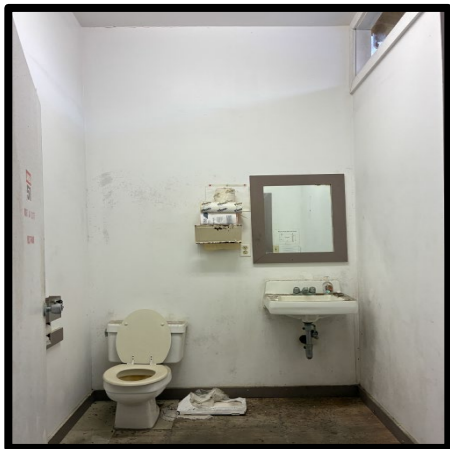
PHOTOGRAPH LOG 1. ASBESTOS SURVEY
PHOTOGRAPH LOG 2. LEAD PAINT SURVEY
PHOTOGRAPH LOG 3. ARSENIC SURVEY

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



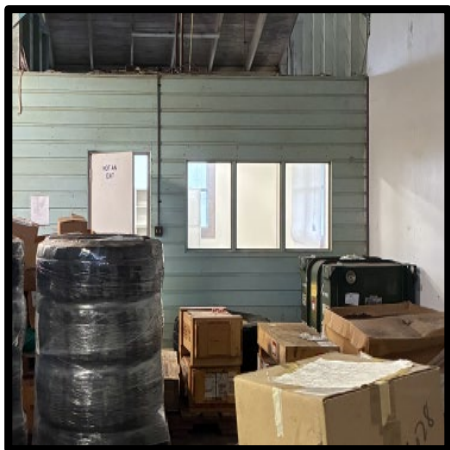
B501 A1: None Detected
B501 A2: None Detected
B501 A3: None Detected

Interior grey concrete floor located in room 1 of building 501.



B501 A4: None Detected
B501 A5: None Detected
B501 A6: None Detected

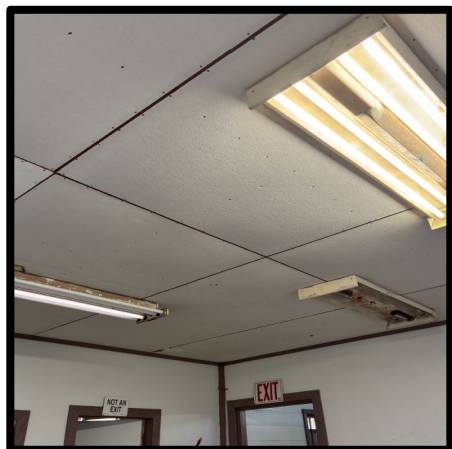
Interior white sheetrock wall with joint compound located in room 2 and room 4 of building 501.



B501 A7: None Detected
B501 A8: None Detected
B501 A9: None Detected

Interior white window frame caulking located throughout building 501.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 A10: None Detected
B501 A11: None Detected
B501 A12: None Detected

Interior white canec ceiling located in room 2 of building 501.



B501 A13: None Detected
B501 A14: None Detected
B501 A15: None Detected

Interior white sink caulking located in room 4 of building 501.



B501 A16: None Detected
B501 A17: None Detected
B501 A18: None Detected

Interior grey concrete floor located throughout building 501.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



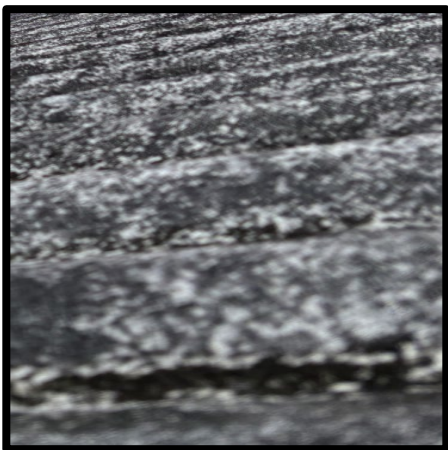
B501 A19: None Detected
B501 A20: None Detected
B501 A21: None Detected

Exterior beige concrete post blocks located throughout building 501.



B501 A22: None Detected
B501 A23: None Detected
B501 A24: None Detected

Exterior white tape with black mastic located on the roof of building 501.



B501 A25: None Detected
B501 A26: None Detected
B501 A27: None Detected

Exterior black/white roof panel layer located on the roof of building 501.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 A1: 2% Chrysotile (Off-white joint compound/paper)

B502 A2: Not Analyzed

B502 A3: Not Analyzed

Interior white sheetrock ceiling with joint compound located in room 1 and 6 of building 502.



B502 A4: 2% Chrysotile (Off-white joint compound/paper/beige paint)

B502 A5: Not Analyzed

B502 A6: Not Analyzed

Interior white sheetrock wall with joint compound located in room 1, 5 6 of building 502.



B502 A7: None Detected

B502 A8: None Detected

B502 A9: None Detected

Interior grey sink undercoating located in room 2 of building 502.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



**B502 A10: None Detected
B502 A11: None Detected
B502 A12: None Detected**

Interior grey concrete floor located in room 3, room 4, room 5, and room 6 of building 502.



**B502 A13: None Detected
B502 A14: None Detected
B502 A15: None Detected**

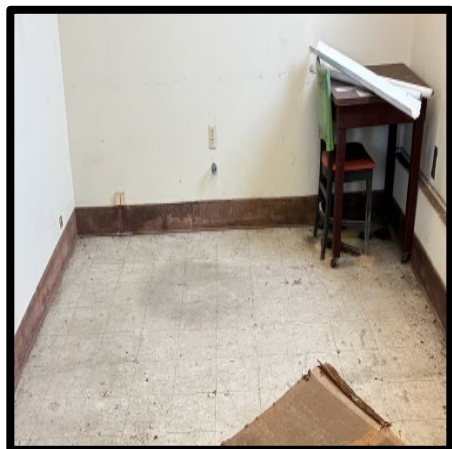
Interior white canec ceiling located in room 4 and 5 of building 502.



**B502 A16: 4% Chrysotile (Black mastic) <1 %
Chrysotile (Off-White Vinyl Floor Tile)
B502 A17: Not Analyzed
B502 A18: Not Analyzed**

Interior grey 12"x12" vinyl floor tile with black mastic located in room 5 of building 502.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 A19: None Detected
B502 A20: None Detected
B502 A21: None Detected

Interior brown cove base with adhesive located in room 5 of building 502.



B502 A22: None Detected
B502 A23: None Detected
B502 A24: None Detected

Exterior tan concrete base skim coat located throughout building 502.



B502 A25: 5% Chrysotile (Black mastic)
B502 A26: Not Analyzed
B502 A27: Not Analyzed

Exterior white tape with black mastic located on the roof of building 502.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 A28: None Detected
B502 A29: None Detected
B502 A30: None Detected

Exterior black/white roof panel layer located on the roof of building 502.



B629 A1: None Detected
B629 A2: None Detected
B629 A3: None Detected

Interior grey concrete floor located throughout building 629.



B629 A4: None Detected
B629 A5: None Detected
B629 A6: None Detected

Exterior light-yellow CMU skim coat wall located throughout building 629.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B629 A7: None Detected
B629 A8: None Detected
B629 A9: None Detected

Interior green CMU skim coat wall located throughout building 629.



B629 A10: None Detected
B629 A11: None Detected
B629 A12: None Detected

Interior white corrugated wall patching tape located throughout building 629.



B629 A13: None Detected
B629 A14: None Detected
B629 A15: None Detected

Interior black/white roof panel layer throughout building 629.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B630 A1: None Detected
B630 A2: None Detected
B630 A3: None Detected

Interior grey concrete floor located throughout building 630.



B630 A4: None Detected
B630 A5: None Detected
B630 A6: None Detected

Interior/exterior beige CMU skim coat wall foundation located throughout building 630.



B630 A7: None Detected
B630 A8: None Detected
B630 A9: None Detected

Interior green CMU skim coat wall foundation located throughout building 630.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B630 A10: None Detected
B630 A11: None Detected
B630 A12: None Detected

Exterior beige window frame caulking located throughout building 630.



B630 A13: None Detected
B630 A14: None Detected
B630 A15: None Detected

Exterior black mastic tape located throughout building 630.



B630 A16: None Detected
B630 A17: None Detected
B630 A18: None Detected

Exterior black/white roof panel layer located throughout the roof of building 630.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B630 A19: None Detected
B630 A20: None Detected
B630 A21: None Detected

Exterior white vent caulking located on the roof of building 630.



B631 A1: 8% Chrysotile (Black mastic)
B631 A2: Not Analyzed
B631 A3: Not Analyzed

Exterior white tape with black mastic located throughout the roof of building 631.



B631 A4: None Detected
B631 A5: None Detected
B631 A6: None Detected

Interior grey CMU skim coat wall located in room 1 of building 631.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B631 A7: None Detected
B631 A8: None Detected
B631 A9: None Detected

Interior grey concrete floor located throughout building 631.



B636 A1: None Detected
B636 A2: None Detected
B636 A3: None Detected

Exterior grey concrete base located throughout building 636.



B638 A1: 2% Chrysotile (Silver coat)
B638 A2: Not Analyzed
B638 A3: Not Analyzed

Exterior silver underroof paint located on the roof of building 638.

**Photograph Log 1 - Asbestos Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B638 A4: 2% Chrysotile (Silver coat)

B638 A5: Not Analyzed

B638 A6: Not Analyzed

Exterior silver understructure framing located throughout building 638.



B638 A7: <1 % Chrysotile (Silver Coat)

B638 A8: Not Analyzed

B638 A9: Not Analyzed

Exterior grey concrete pier block located throughout building 638.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 L1: LCP (470 mg/kg)

Interior grey concrete flooring located in room 1 of building 501.



B501 L2: LCP (45 mg/kg)

Interior white wood wall and ceiling located in room 1 of building 501.



B501 L3: LCP (330 mg/kg)

Interior black wood baseboard located in room 1 of building 501.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



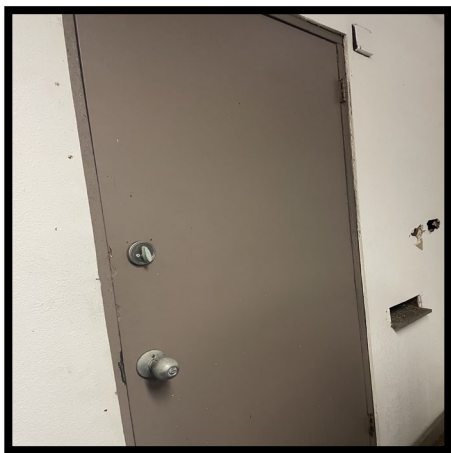
B501 L4: LBP (11,000 mg/kg)

Interior green wood walls located throughout building 501.



B501 L5: LBP (42,000 mg/kg)

Interior blue wood walls and supports located throughout building 501.



B501 L6: LCP (380 mg/kg)

Interior brown wood door, door frame and baseboards located in rooms 1 and 3 of building 501.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B501 L7: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Interior white sheetrock walls located in room 2 and 4 of building 501.



B501 L8: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Interior brown wood window frames located in room 2 of building 501.



B501 L9: LCP (640 mg/kg)

Interior brown concrete baseboard located in room 2 of building 501.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 L10: LBP (7,900 mg/kg)

Interior and exterior brown wood apparatus door located throughout building 501.



B501 L11: LCP (580 mg/kg)

Interior white wood doors located in room 2 of building 501.



B501 L12: LBP (20,000 mg/kg)

Interior green wood rafters and ceiling located in room 3 of building 501.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 L13: LCP (1,500 mg/kg)

Interior black concrete baseboard and foundation located in room 1 of building 501.



B501 L14: Does not contain lead above the laboratory detection limit (<40 mg/kg)

Exterior beige metal corrugated wall panels and overhang located throughout building 501.



B501 L15: Does not contain lead above the laboratory detection limit (<40 mg/kg)

Exterior beige PVC gutters located throughout building 501.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 L16: LCP (47 mg/kg)

Exterior beige PVC downspouts located throughout building 501.



B501 L17: LCP (130 mg/kg)

Exterior beige wood rafters located throughout building 501.



B501 L18: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior off-white metal corrugated roof panels located throughout building 501.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B501 L19: LCP (1,900 mg/kg)

Exterior beige CMU foundation located throughout building 501.



B501 L20: Non-Detected Above Lab Detection Limit (< 40mg/kg)

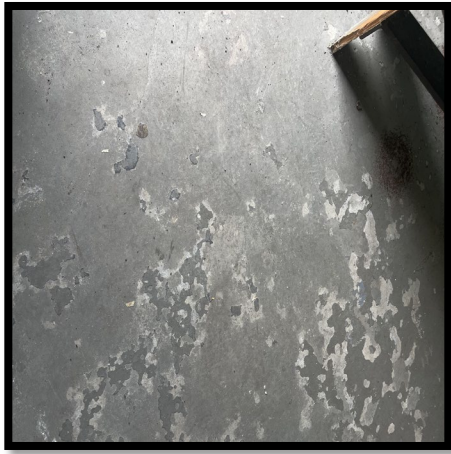
Interior white canec ceilings located in room 2 of building 501.



B502 L1: LCP (1,900 mg/kg)

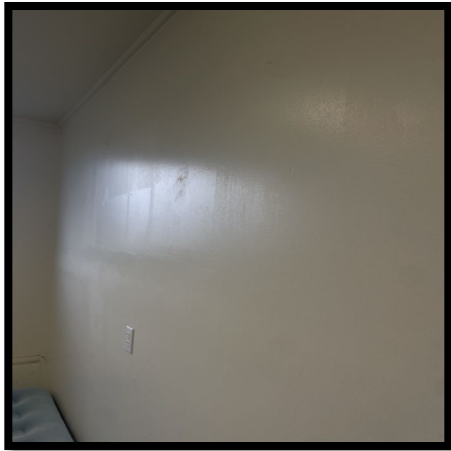
Interior green wood wall, door and door frame located throughout building 502.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B502 L2: LBP (6,600 mg/kg)

Interior grey concrete floor and foundation located in rooms 4, 5 and 6 of building 502.



B502 L3: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Interior off white sheetrock wall and ceiling located in rooms 4, 5 and 6 of building 502.



B502 L4: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Interior white canec ceiling located in rooms 4, 5 and 6 of building 502.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 L5: LCP (3,200 mg/kg)

Interior grey wood floors located in rooms 1, 2 and 3 of building 502.



B502 L6: LCP (1,500 mg/kg)

Interior green sheetrock walls located in rooms 1, 2 and 3 of building 502.



B502 L7: LCP (1,300 mg/kg)

Exterior beige wood walls and rafters located throughout building 502.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B502 L8: LCP (170 mg/kg)

Exterior brown wood window frames located throughout building 502.



B502 L9: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior beige metal corrugated roof panel underside located throughout building 502.



B502 L10: LCP (390 mg/kg)

Exterior beige metal post located throughout building 502.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 L11: LCP (270 mg/kg)

Exterior beige concrete foundation and post base located throughout building 502.



B502 L12: LBP (5,200 mg/kg)

Exterior brown wood door and door frame located throughout building 502.



B502 L13: LCP (1,600 mg/kg)

Interior green wood window frame and shutters located throughout building 502.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B502 L14: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior off white metal corrugated roof panel top located throughout building 502.



B629 L1: LBP (8,200 mg/kg)

Interior green CMU wall located throughout building 629.



B629 L2: LBP (50,000 mg/kg)

Interior green metal posts and framing located throughout building 629.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B629 L3: LCP (570 mg/kg)

Interior grey metal corrugated roof panel ceiling located throughout building 629.



B629 L4: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior off white metal corrugated roof panel located throughout building 629.



B629 L5: LCP (860 mg/kg)

Interior green metal corrugated wall panel located throughout building 629.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B629 L6: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior beige PVC downspout located throughout building 629.



B629 L7: LCP (66 mg/kg)

Exterior beige metal gutters located throughout building 629.



B629 L8: LCP (100 mg/kg)

Exterior beige CMU walls located throughout building 629.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B629 L9: LCP (2,700 mg/kg)

Exterior brown wood window frame located throughout building 629.



B630 L1: LCP (220 mg/kg)

Interior and exterior beige CMU wall located throughout building 630.



B630 L2: LCP (520 mg/kg)

Interior green CMU wall located throughout building 630.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B630 L3: LCP (3,300 mg/kg)

Interior and exterior beige metal corrugated wall panels located throughout building 630.



B630 L4: LBP (62,000 mg/kg)

Interior green metal framing located throughout building 630.



B630 L5: LCP (800 mg/kg)

Interior beige metal framing located throughout building 630.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B630 L6: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Exterior off-white metal corrugated wall and roof panels located throughout building 630.



B630 L7: LCP (120 mg/kg)

Exterior beige wood window frame located throughout building 630.



B630 L8: LCP (2,700 mg/kg)

Interior and exterior green metal corrugated wall panels located throughout building 630.

Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720



B630 L9: LCP (1,600 mg/kg)

Exterior beige wood rafters located throughout building 630.



B631 L1: LCP (170 mg/kg)

Interior and exterior brown wood framing located throughout building 631.



B631 L2: Does not contain lead above the laboratory detection limit (< 40 mg/kg)

Interior white metal storage container located in building 631.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B636 L1: LBP (33,000 mg/kg)

Exterior green wood wall and rafters located throughout building 636.



B636 L2: LCP (4,200 mg/kg)

Interior grey wood walls and framing located throughout building 636.



B636 L3: LCP (180 mg/kg)

Exterior red metal corrugated roof panels located throughout building 636.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B636 L4: LBP (18,000 mg/kg)

Interior and exterior grey wood window frame located throughout building 636.



B636 L5: LBP (50,000 mg/kg)

Interior and exterior grey wood door and door frame located throughout building 636.



B638 L1: LBP (250,000 mg/kg)

Interior and exterior green wood walls located throughout building 638.

**Photograph Log 2 - Lead Paint Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



B638 L2: LCP (3,000 mg/kg)

Exterior silver wood rafter, framing and foundation located throughout building 638.



B638 L3: LCP (1,100 mg/kg)

Exterior silver metal corrugated roof panels located throughout building 638.

**Photograph Log 3 - Arsenic Survey
Keaukaha Military Reservation
Buildings 501, 502, 629, 630, 631, 636 & 638
1304 Kekuanaoa St, Hilo, Hawaii, 96720**



**B501 AR1: Arsenic-containing building product
(4,500 mg/kg)**

Interior white canec ceiling located in room 2 of building 501.



**B502 AR1: Arsenic-containing building product
(4,500 mg/kg)**

Interior white canec ceiling located in room 4 and 6 of building 502.



Appendix **III**

FIGURE 1A. BLDG. 501 SAMPLE LOCATION MAP

FIGURE 1B. BLDG. 502 SAMPLE LOCATION MAP

FIGURE 1C. BLDG. 629 SAMPLE LOCATION MAP

FIGURE 1D. BLDG. 630 SAMPLE LOCATION MAP

FIGURE 1E. BLDG. 631 SAMPLE LOCATION MAP

FIGURE 1F. BLDG. 636 SAMPLE LOCATION MAP

FIGURE 1G. BLDG. 638 SAMPLE LOCATION MAP

FIGURE 2A. BLDG 501 LIGHTS AND BALLASTS LOCATION MAP

FIGURE 2B. BLDG 502 LIGHTS AND BALLASTS LOCATION MAP

FIGURE 2C. BLDG 629 LIGHTS AND BALLASTS LOCATION MAP

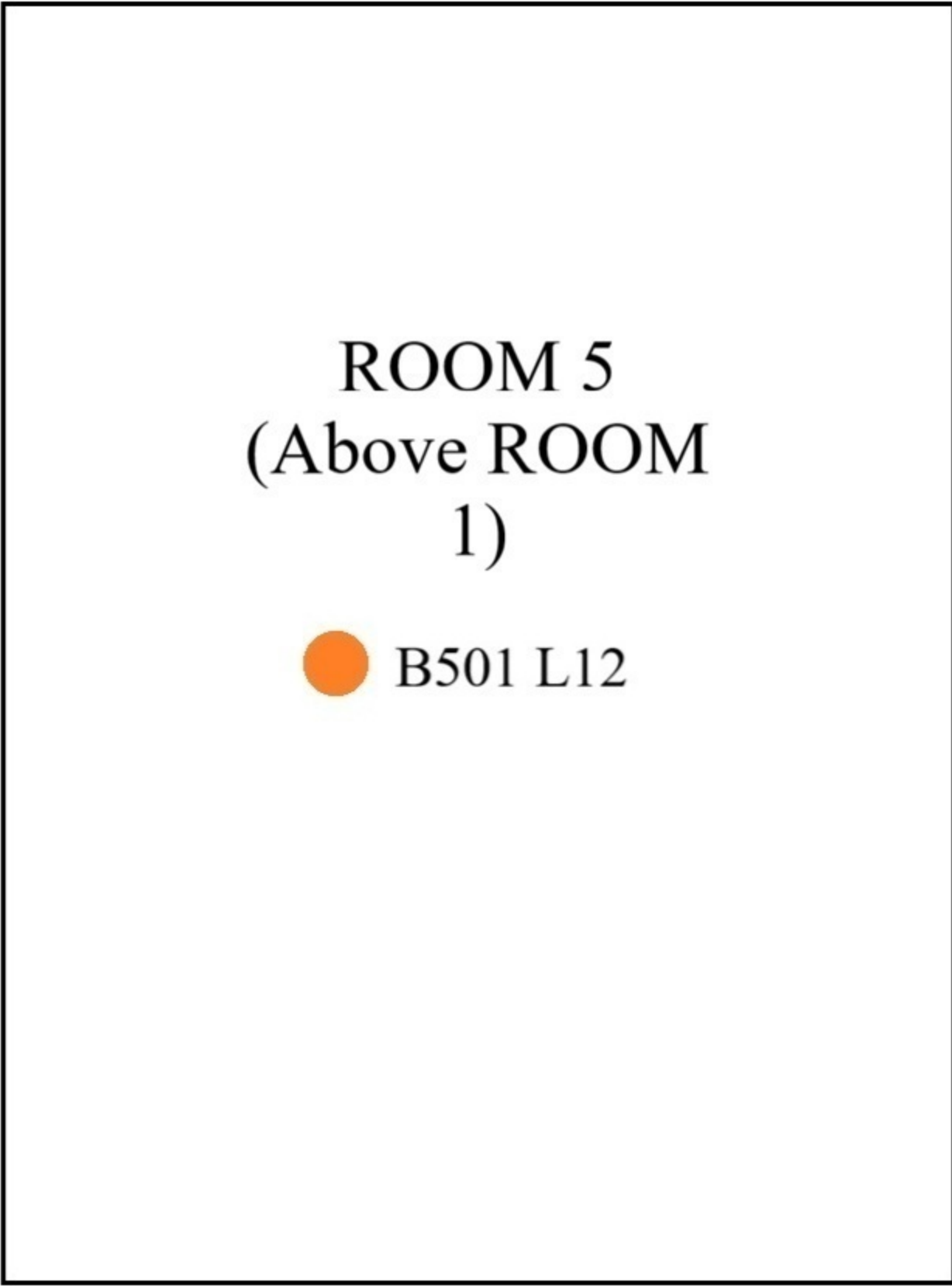
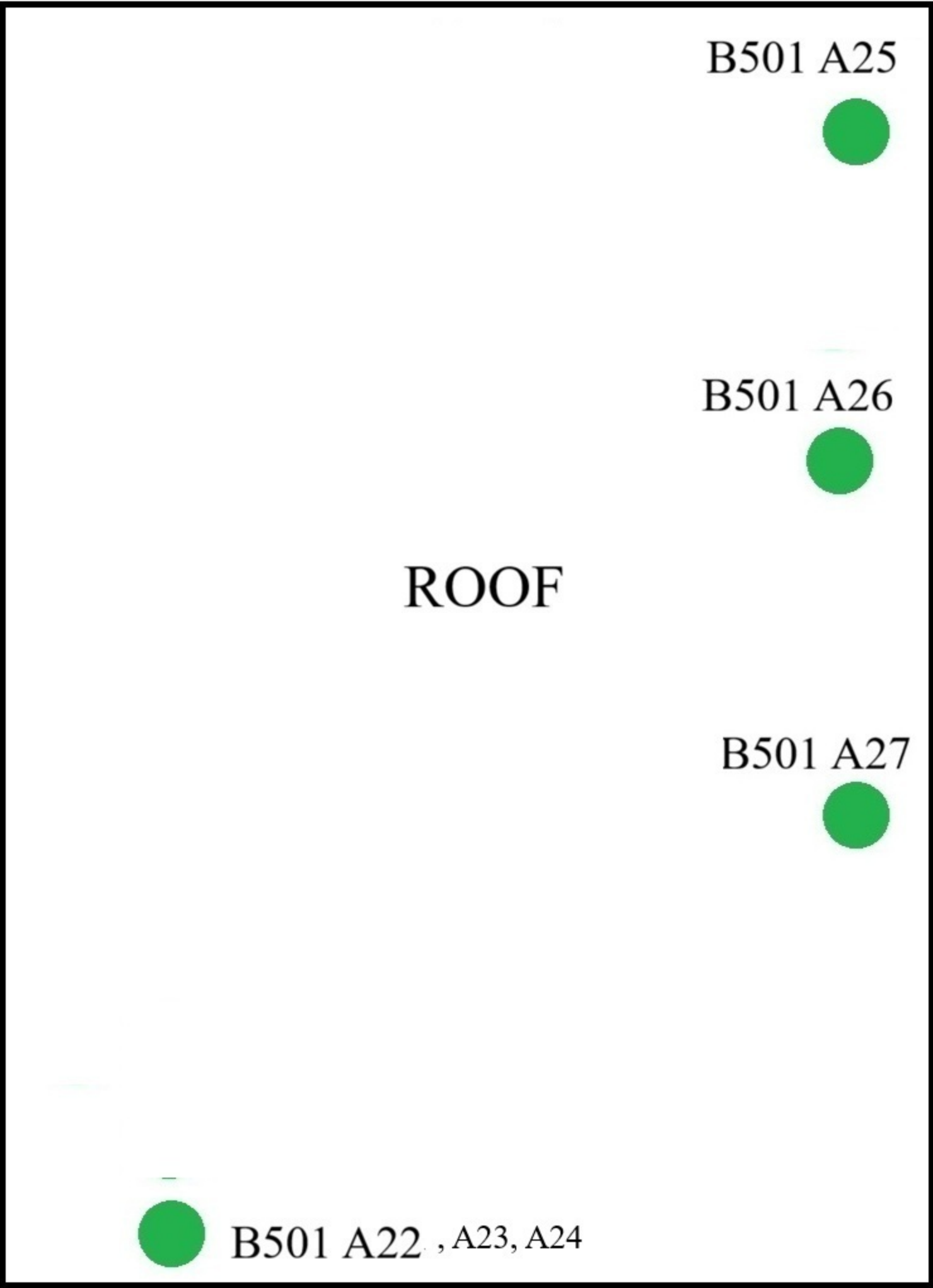
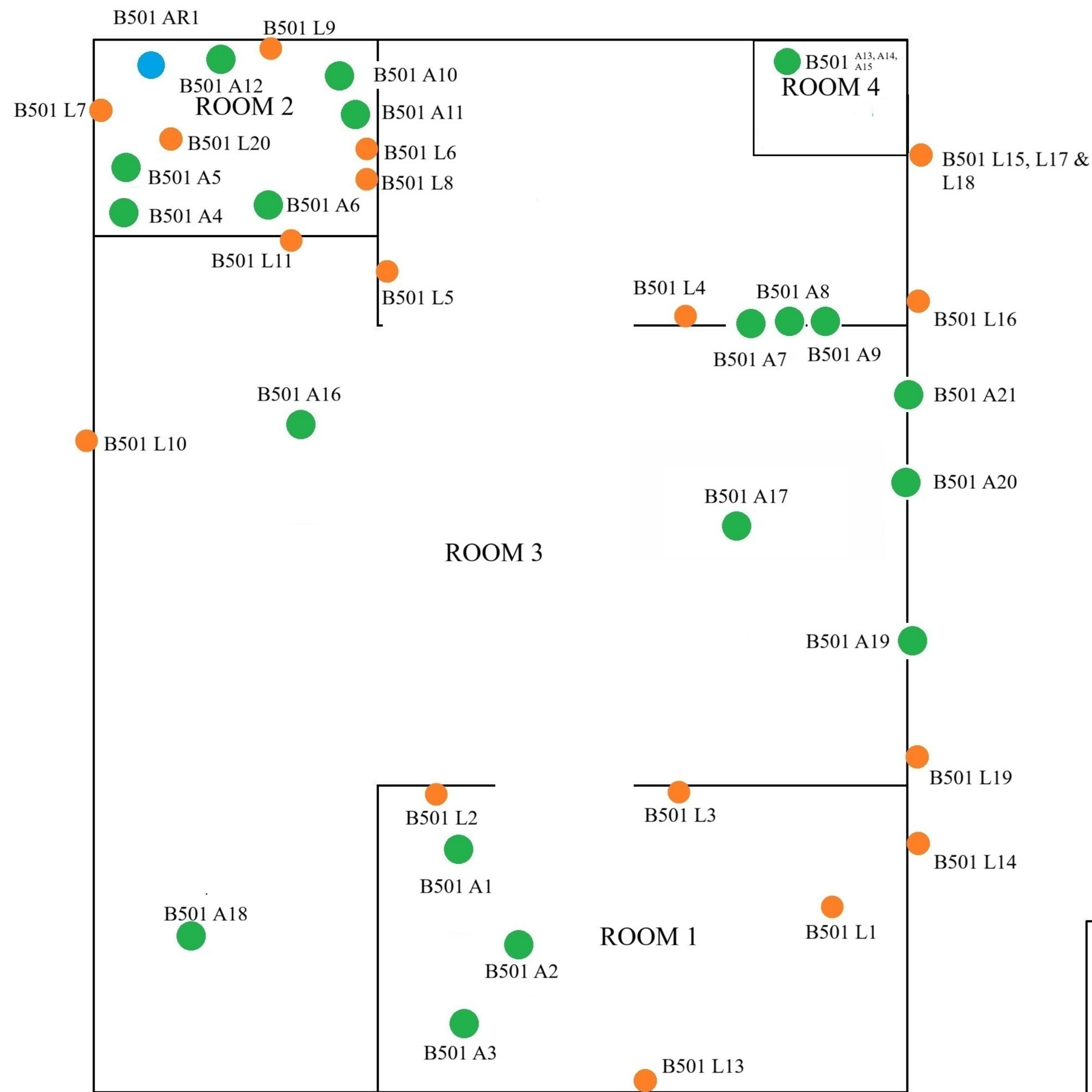
FIGURE 2D. BLDG 630 LIGHTS AND BALLASTS LOCATION MAP

FIGURE 3A. BLDG 502 ACM LOCATION MAP

FIGURE 3B. BLDG 631 ACM LOCATION MAP

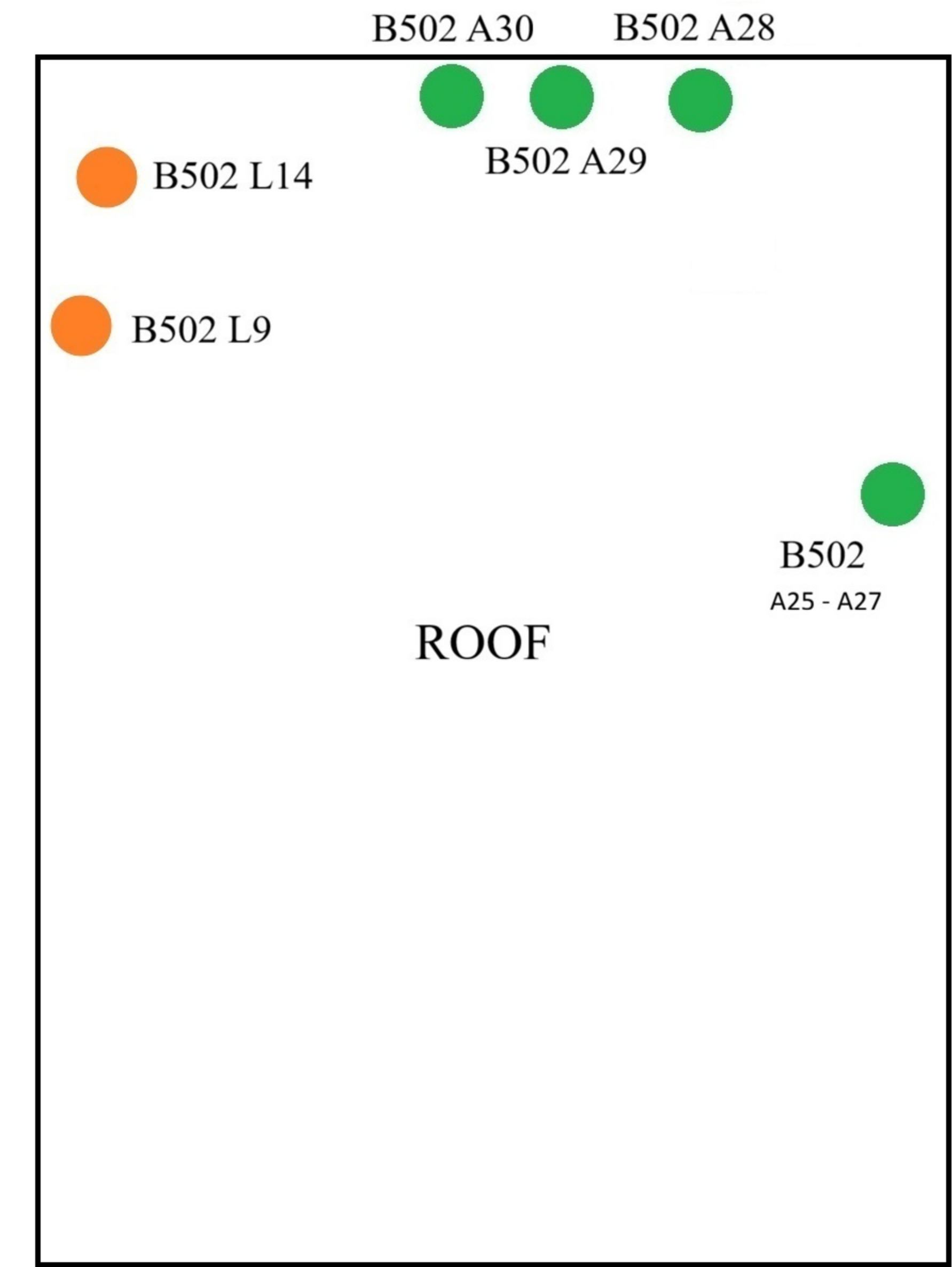
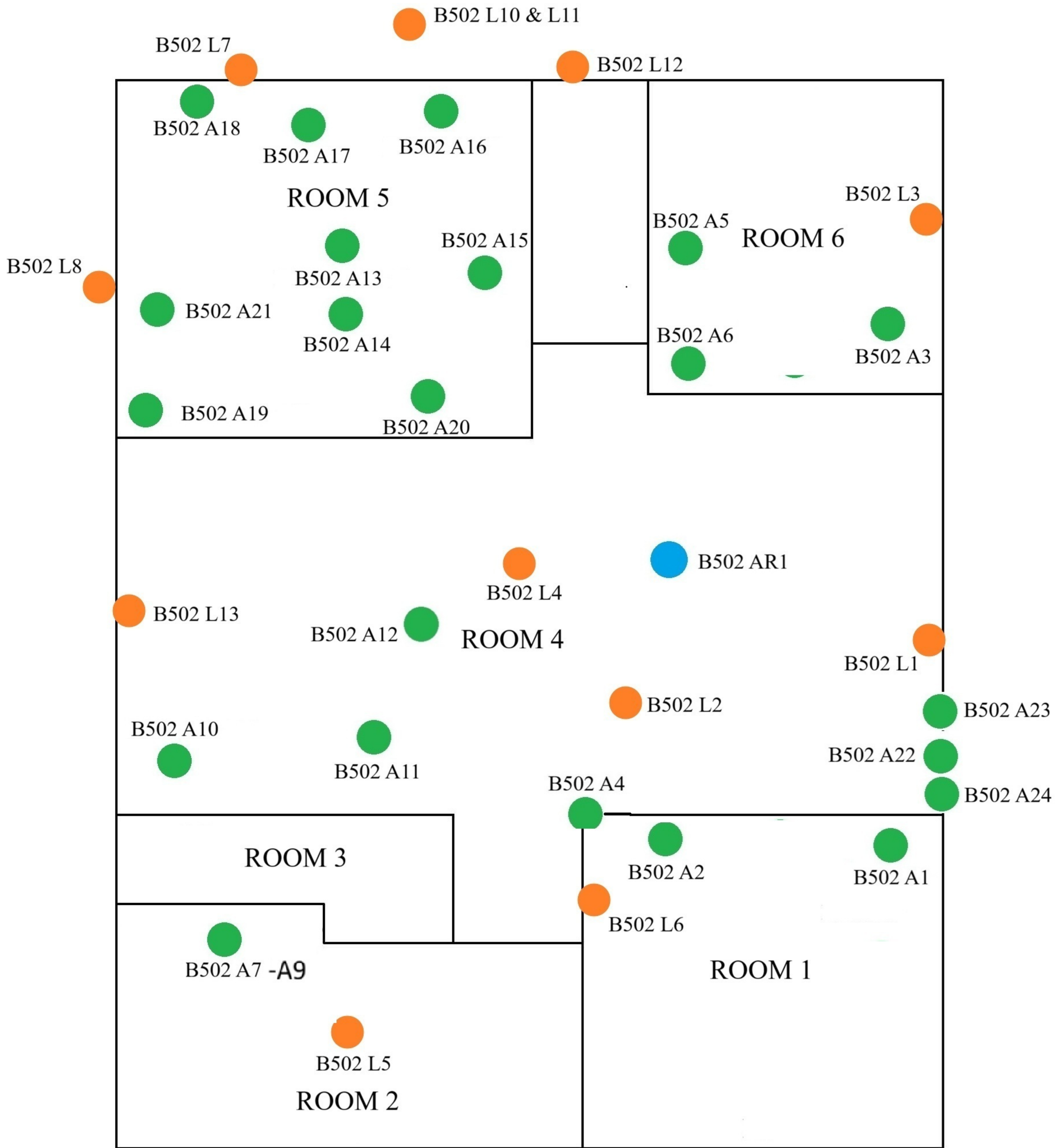
FIGURE 3C. BLDG 638 ACM LOCATION MAP

	FIGURE 1A MARCH 2026	BUILDNG 501 SAMPLE LOCATION MAP KEAUKAHA MILITARY RESERVATION HILO, HAWAII 96720
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LEGEND	
●	= Asbestos bulk sample
●	= Lead paint sample
●	= Arsenic bulk sample

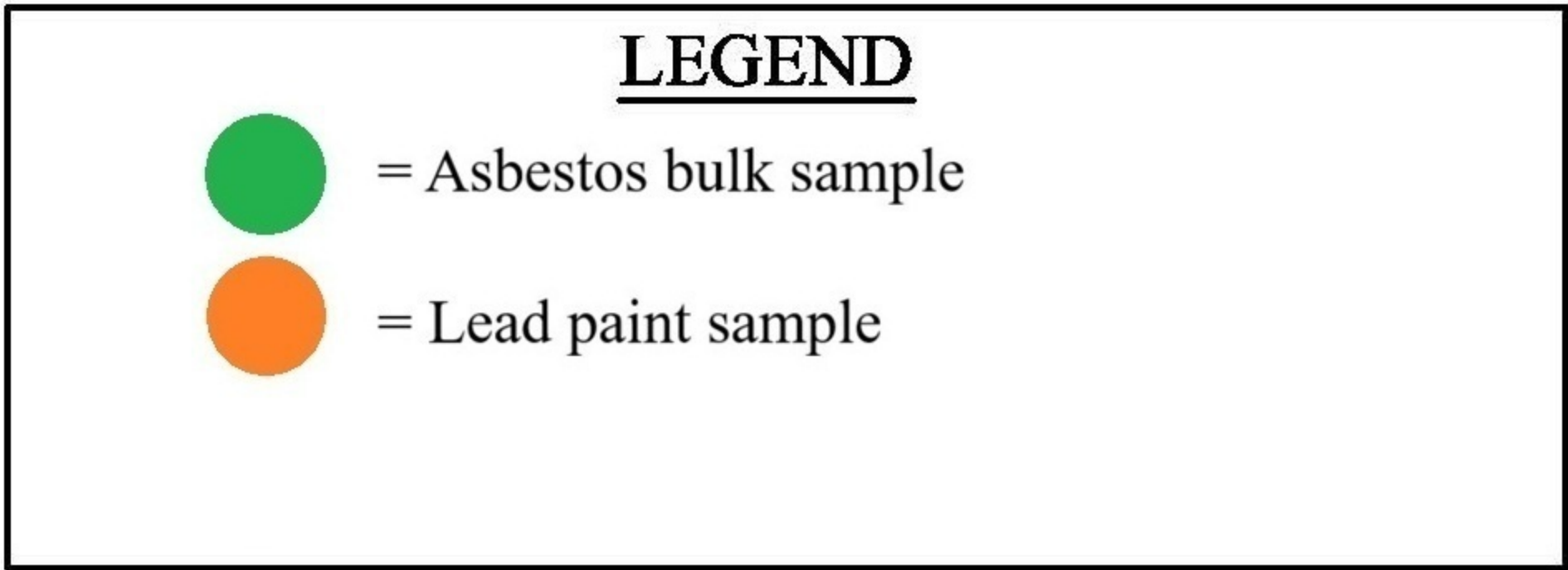
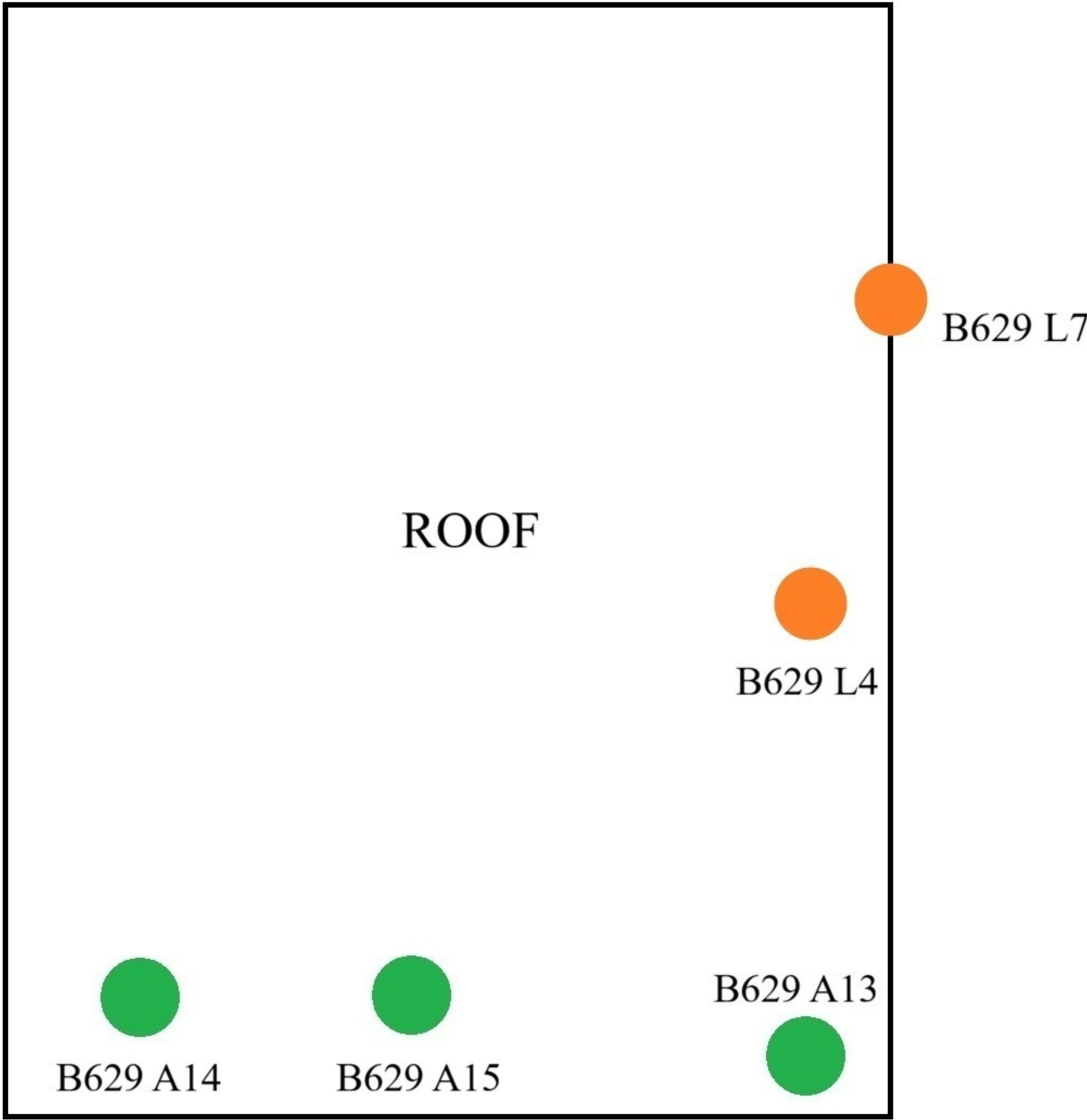
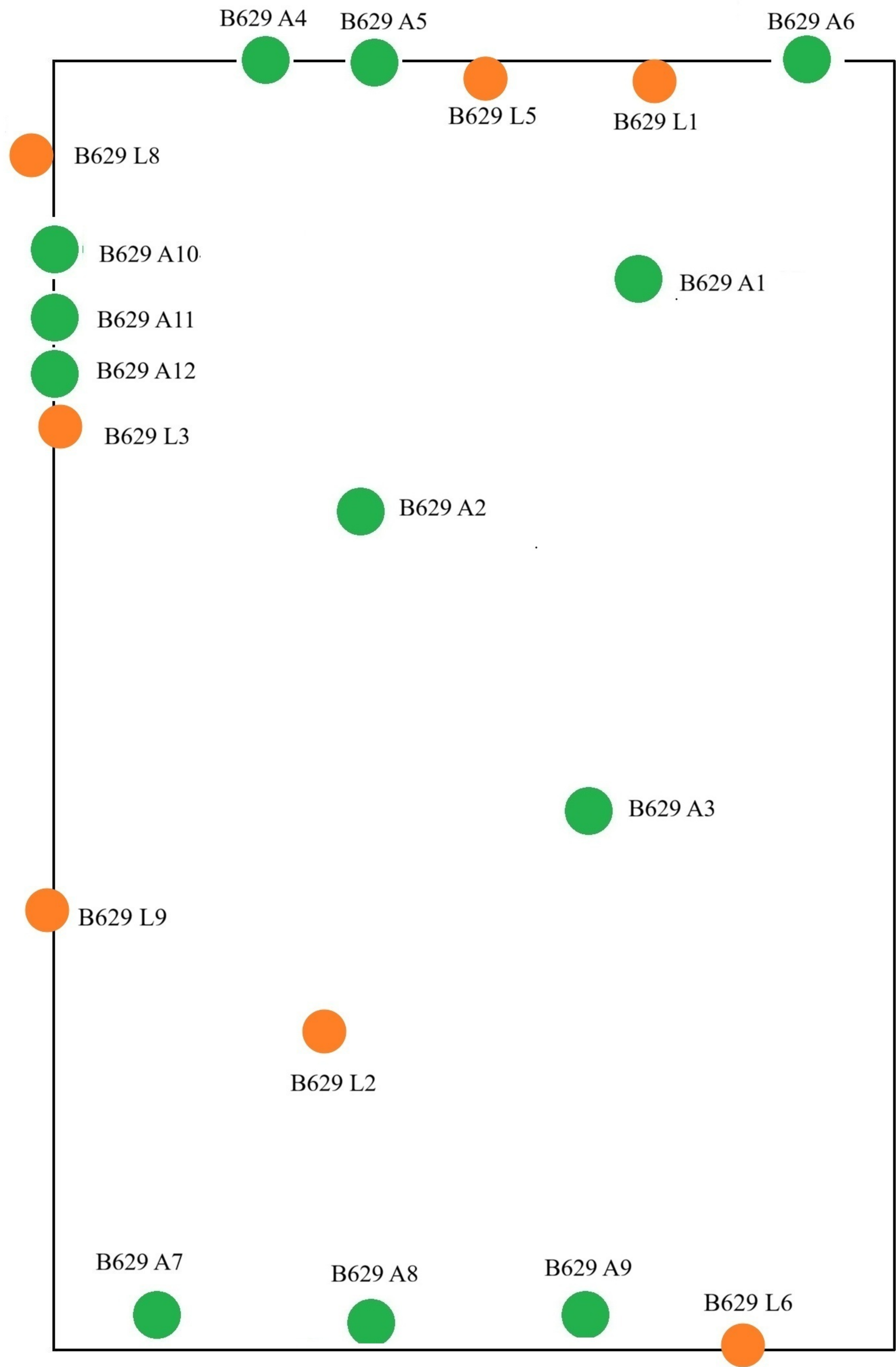
NOT TO SCALE



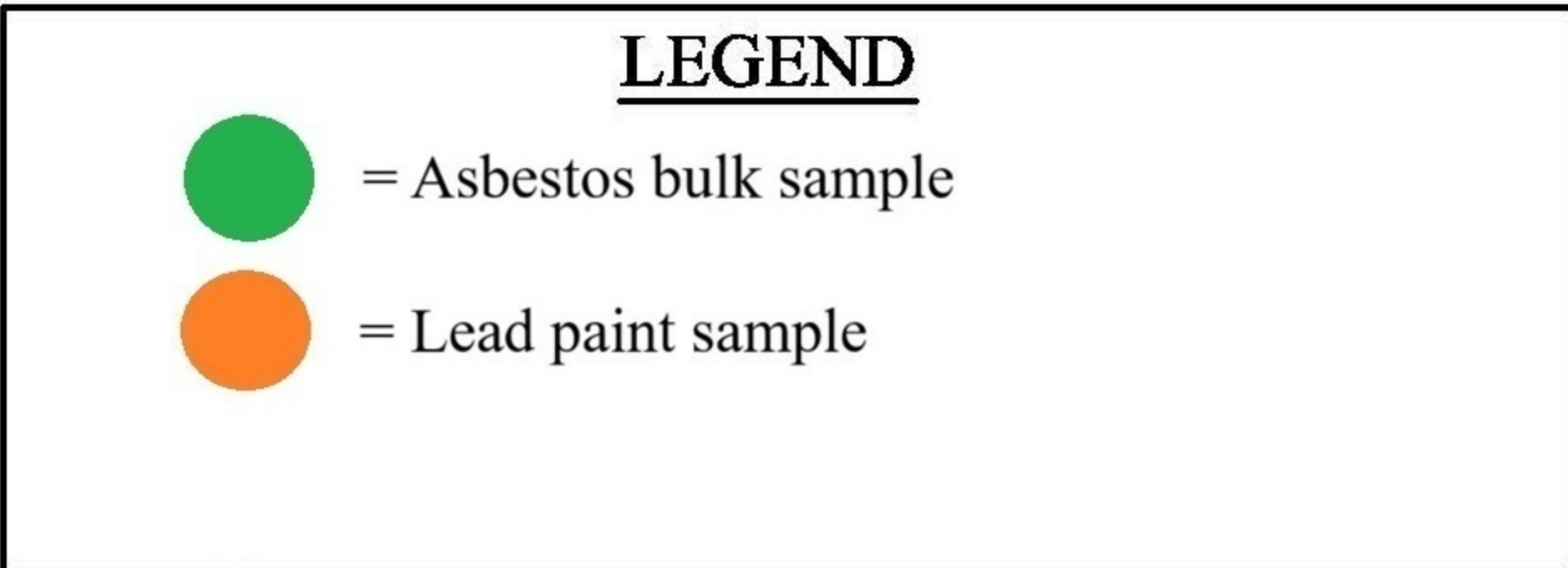
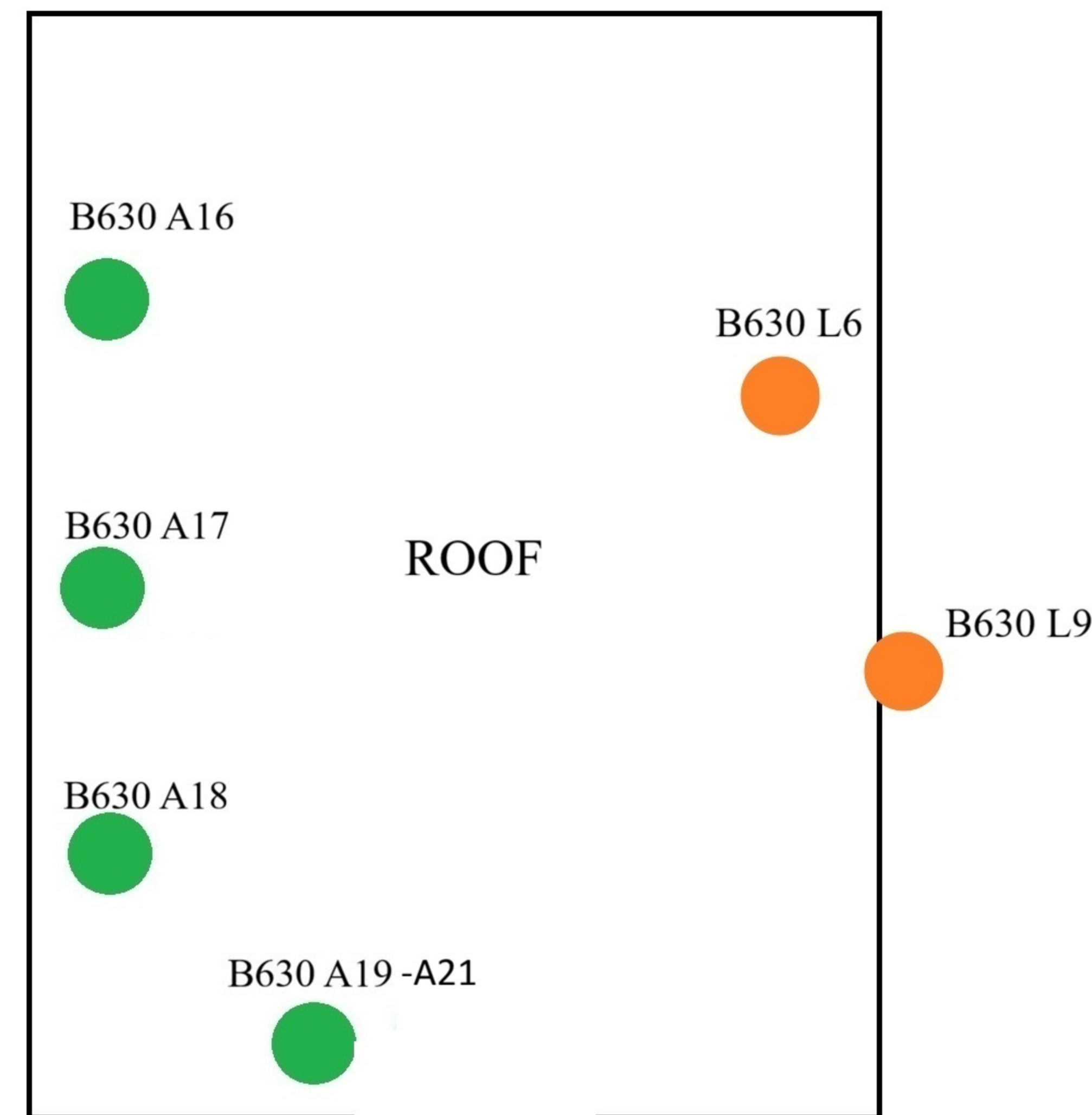
LEGEND

- = Asbestos bulk sample
- = Lead paint sample
- = Arsenic bulk sample

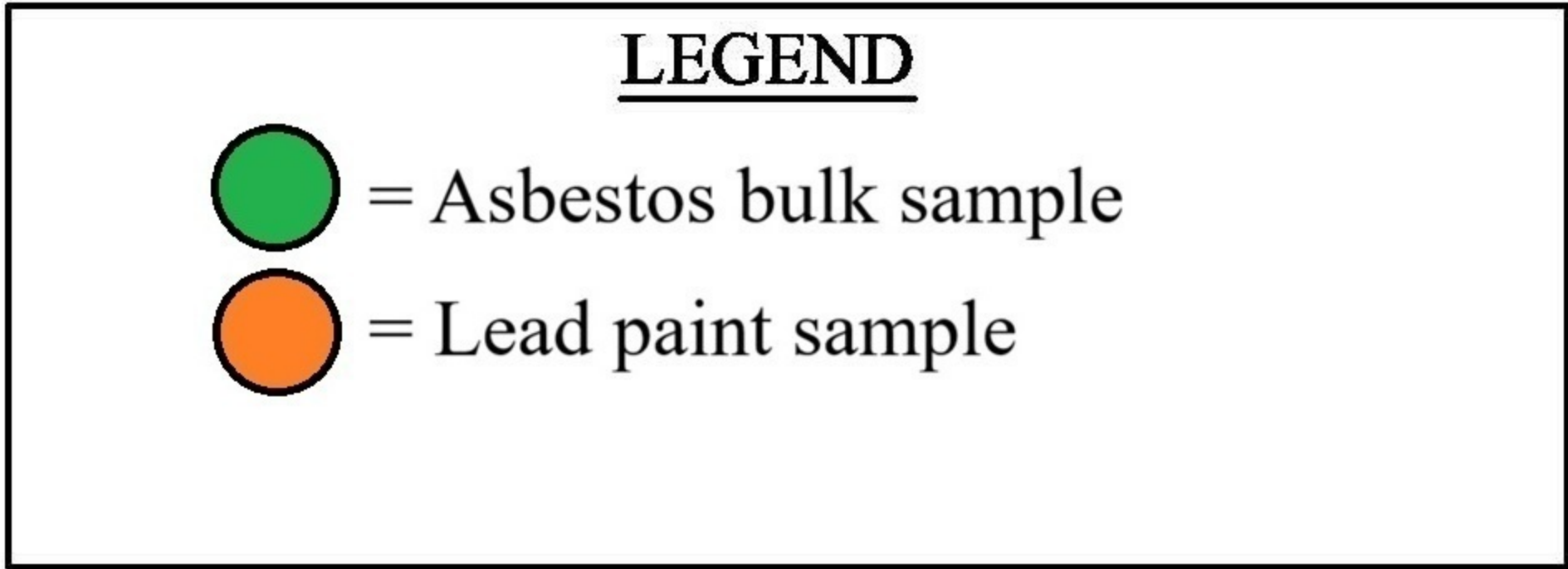
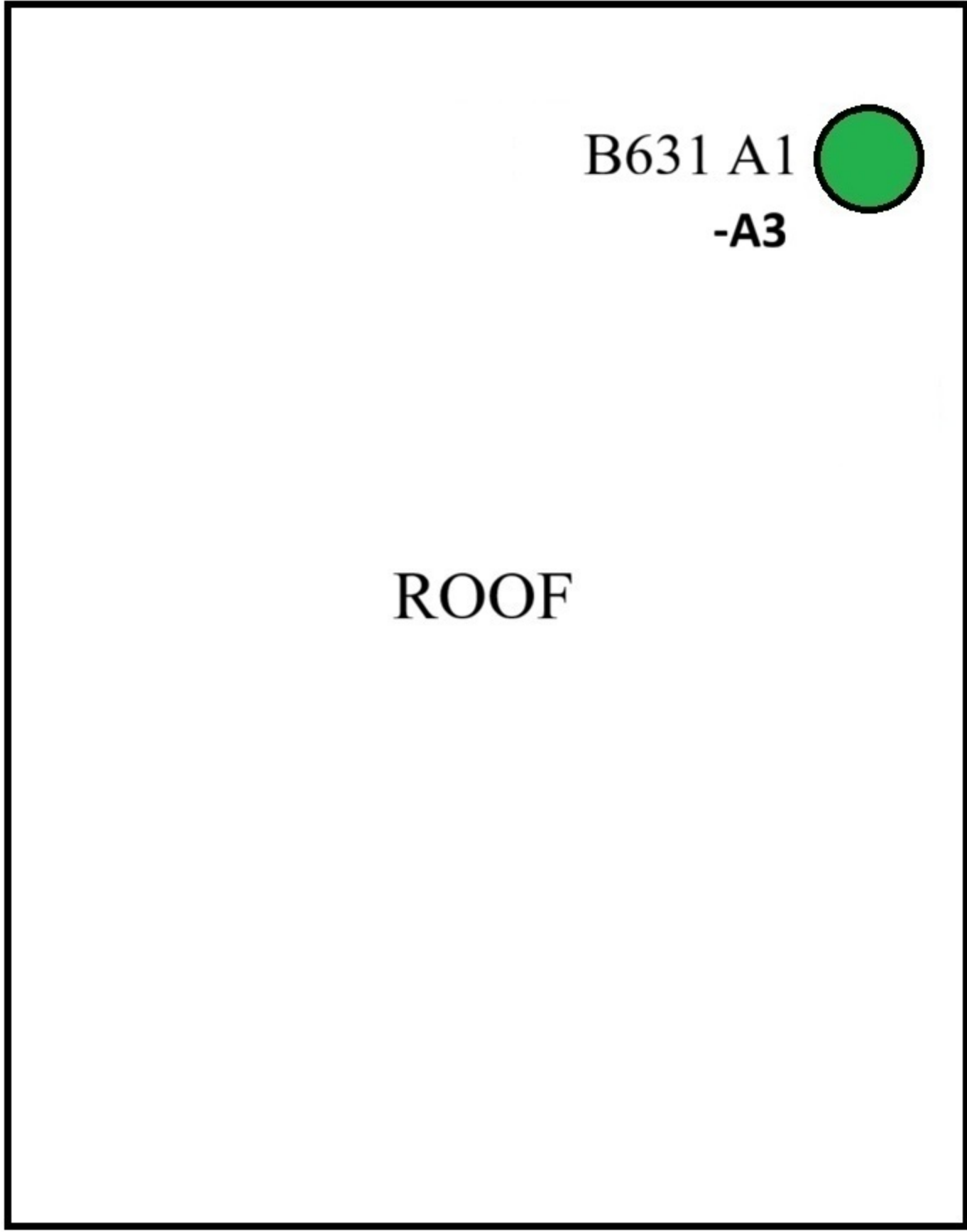
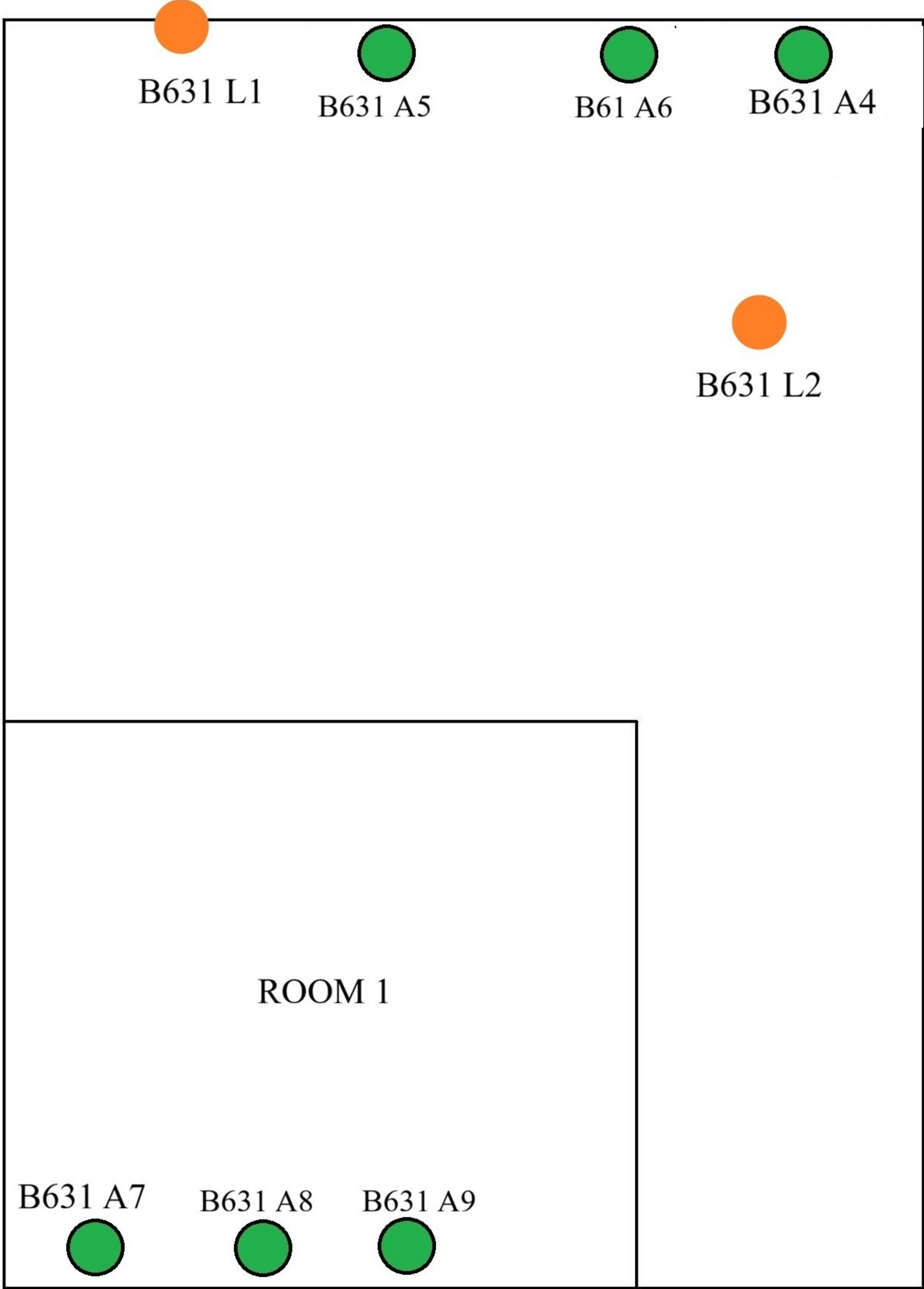
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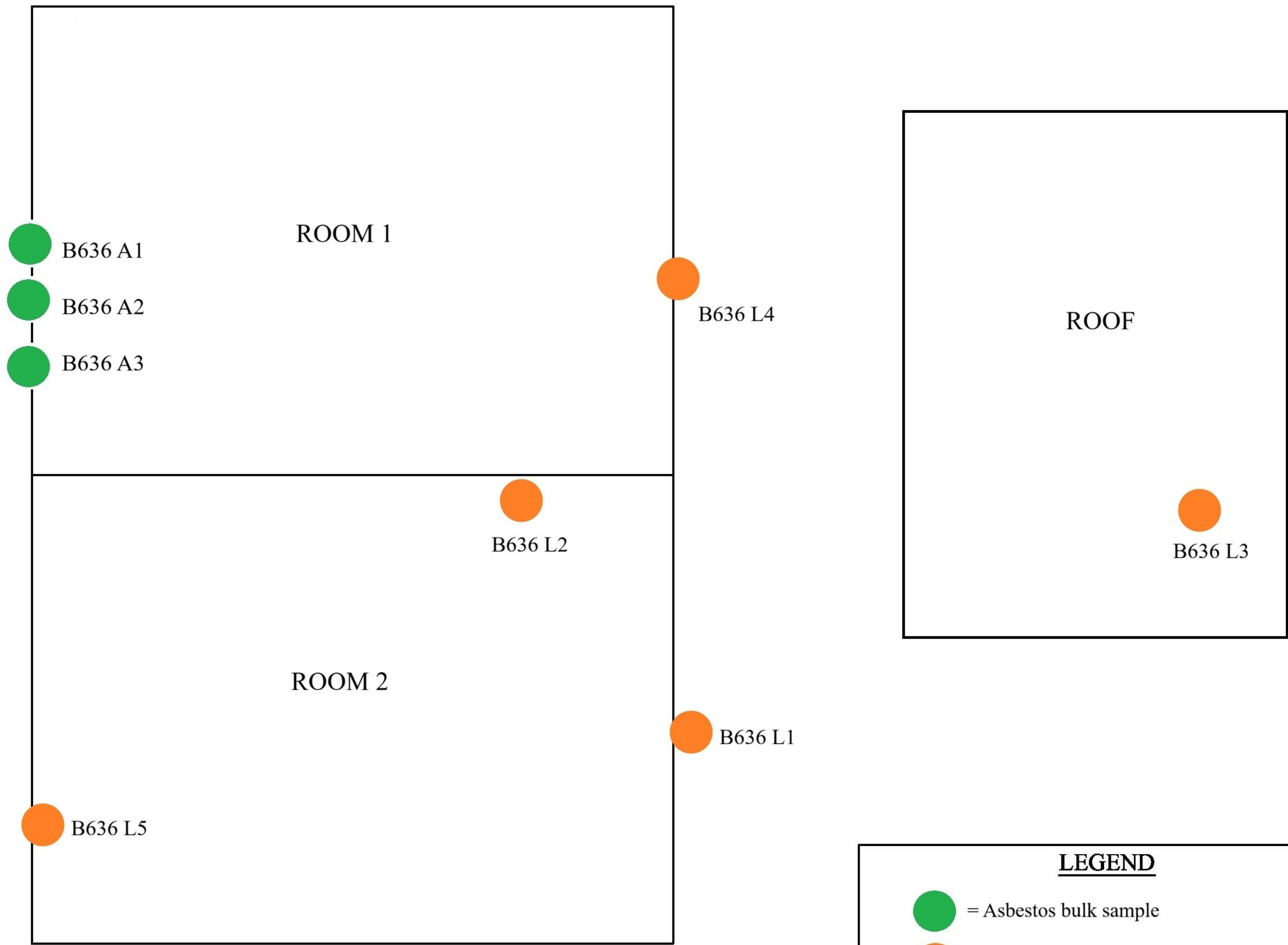


NOT TO SCALE



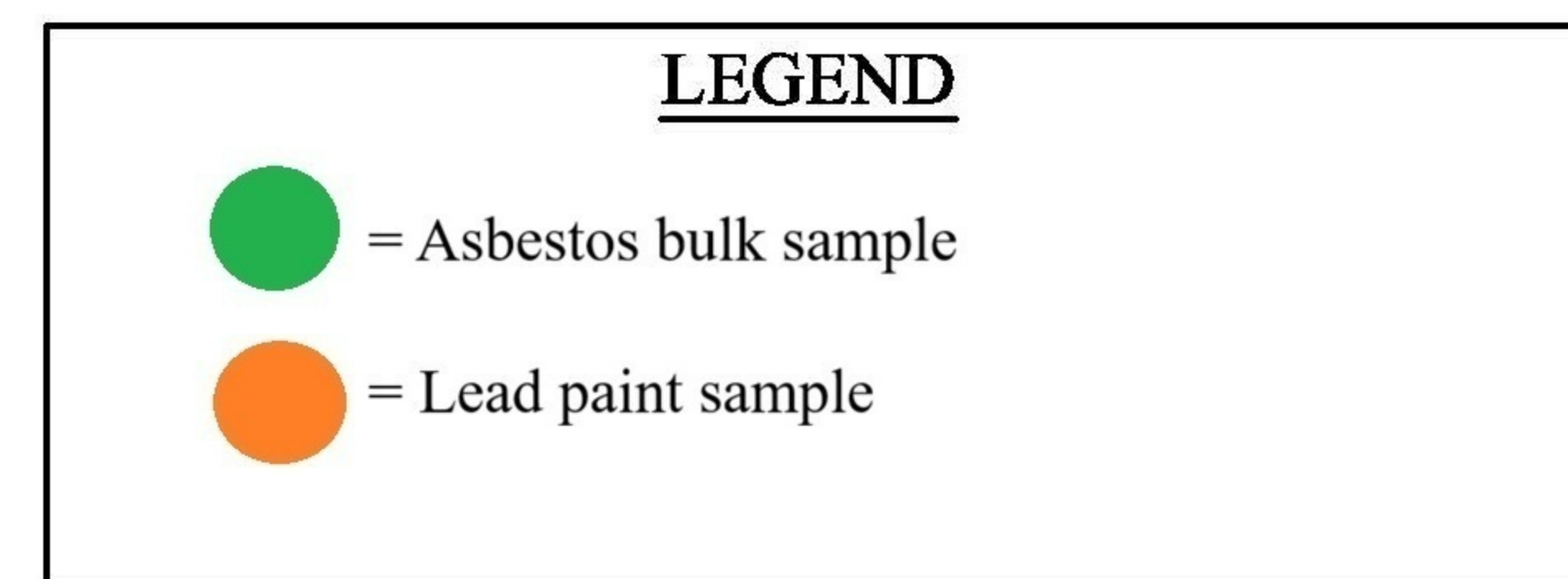
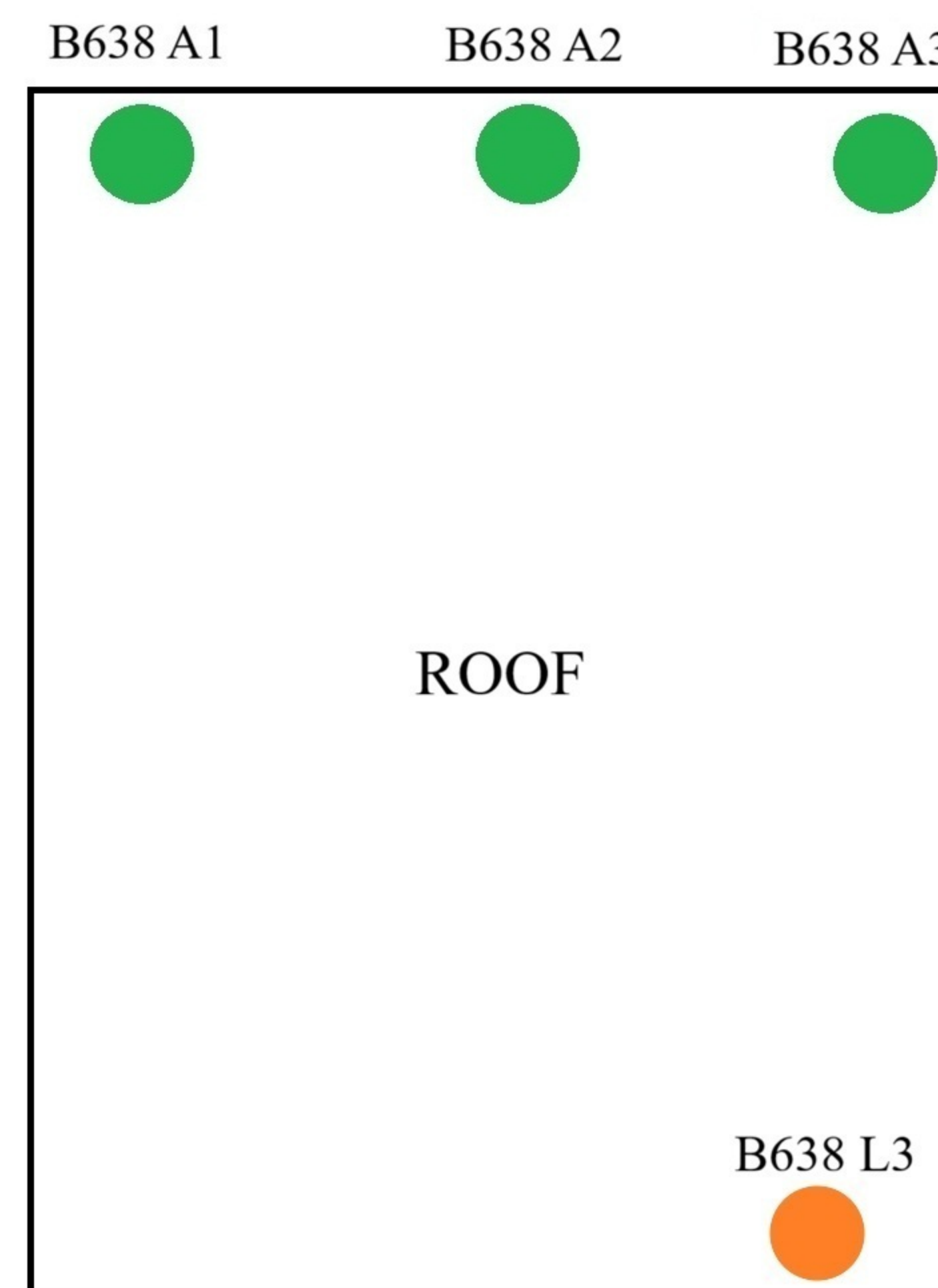
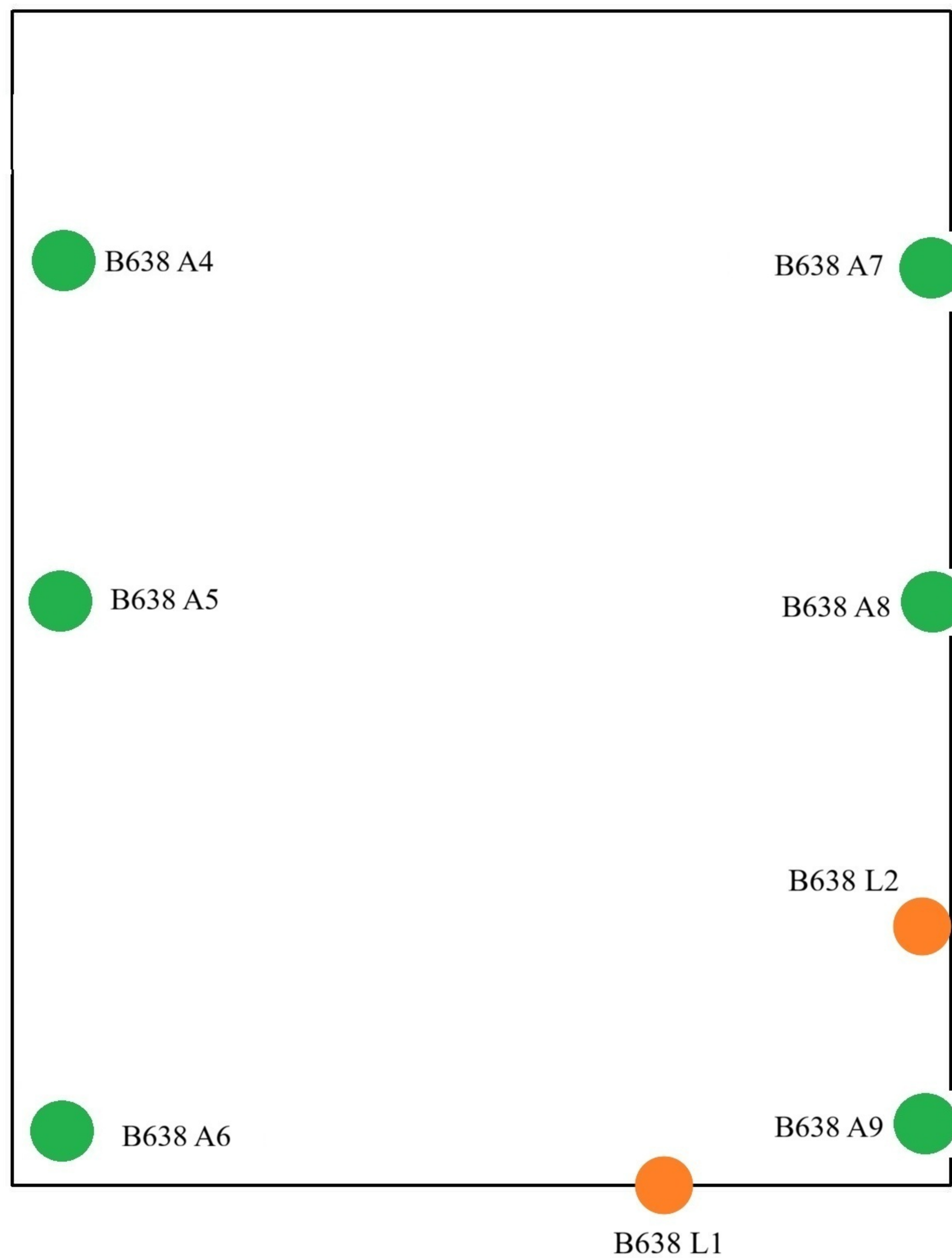
NOT TO SCALE





LEGEND	
	= Asbestos bulk sample
	= Lead paint sample

NOT TO SCALE



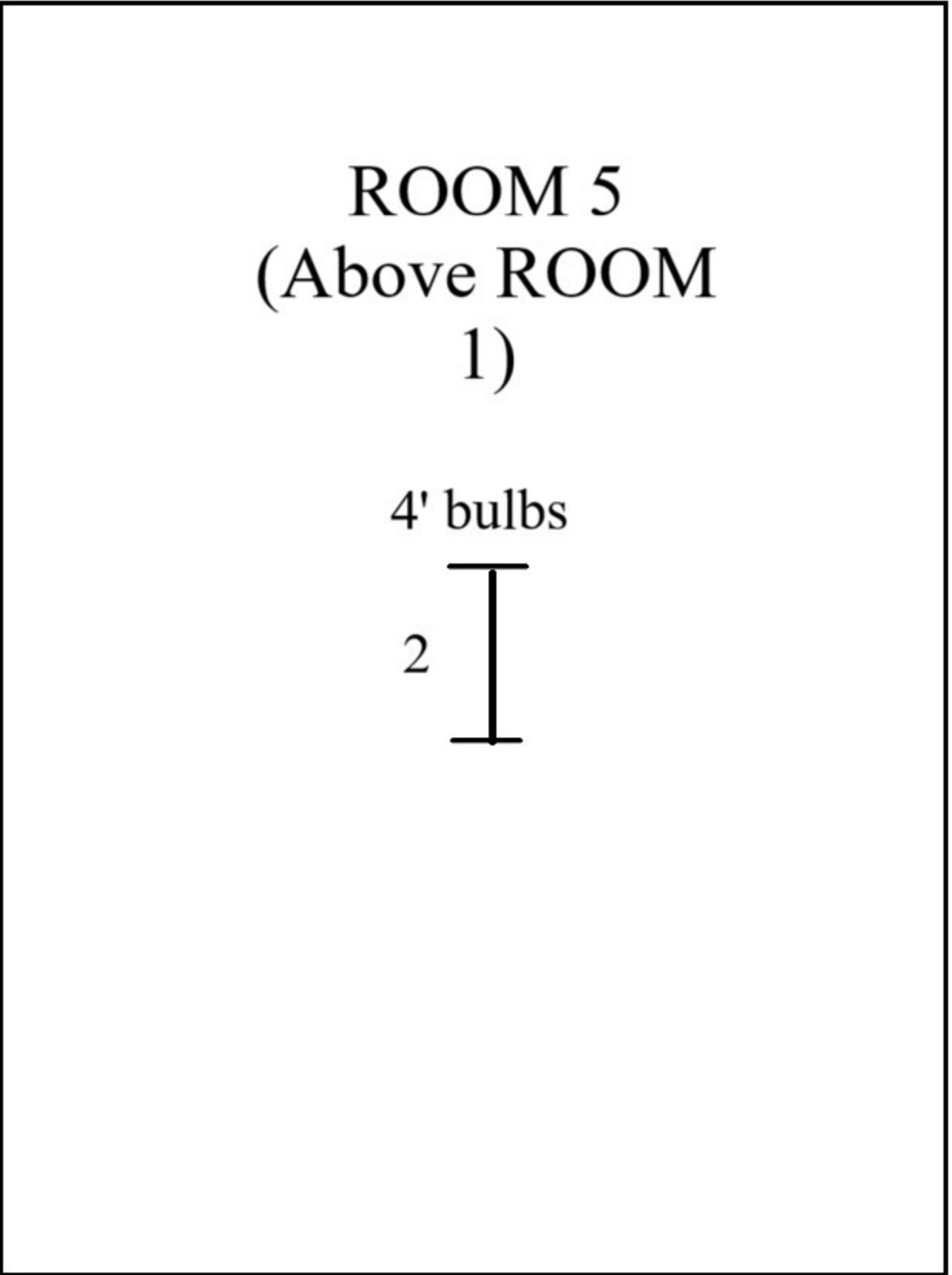
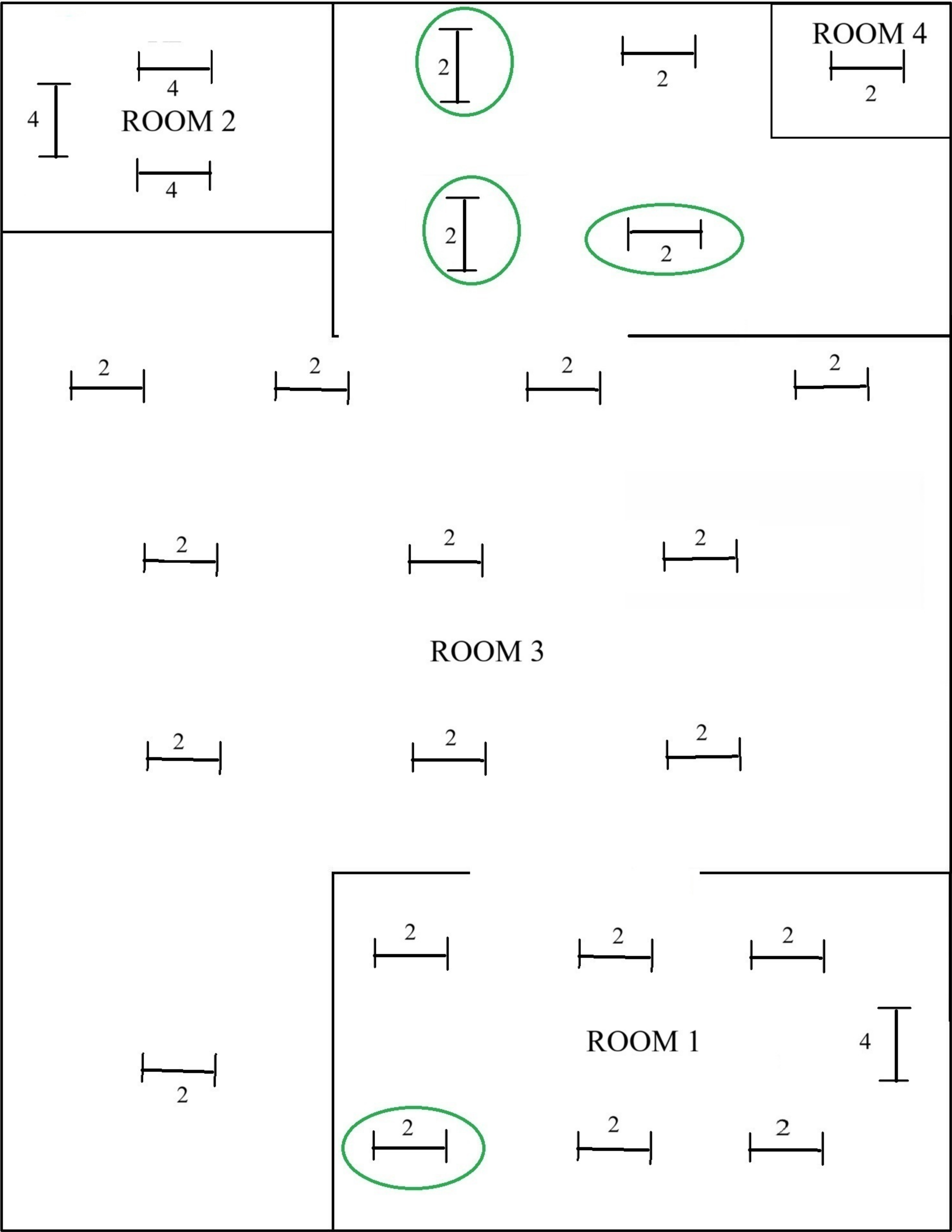
NOT TO SCALE



FIGURE
2A

MARCH
2026

BUILDNG 501 Lights And Ballasts
LOCATION MAP
KEAUKAHA MILITARY
RESERVATION
HILO, HAWAII 96720



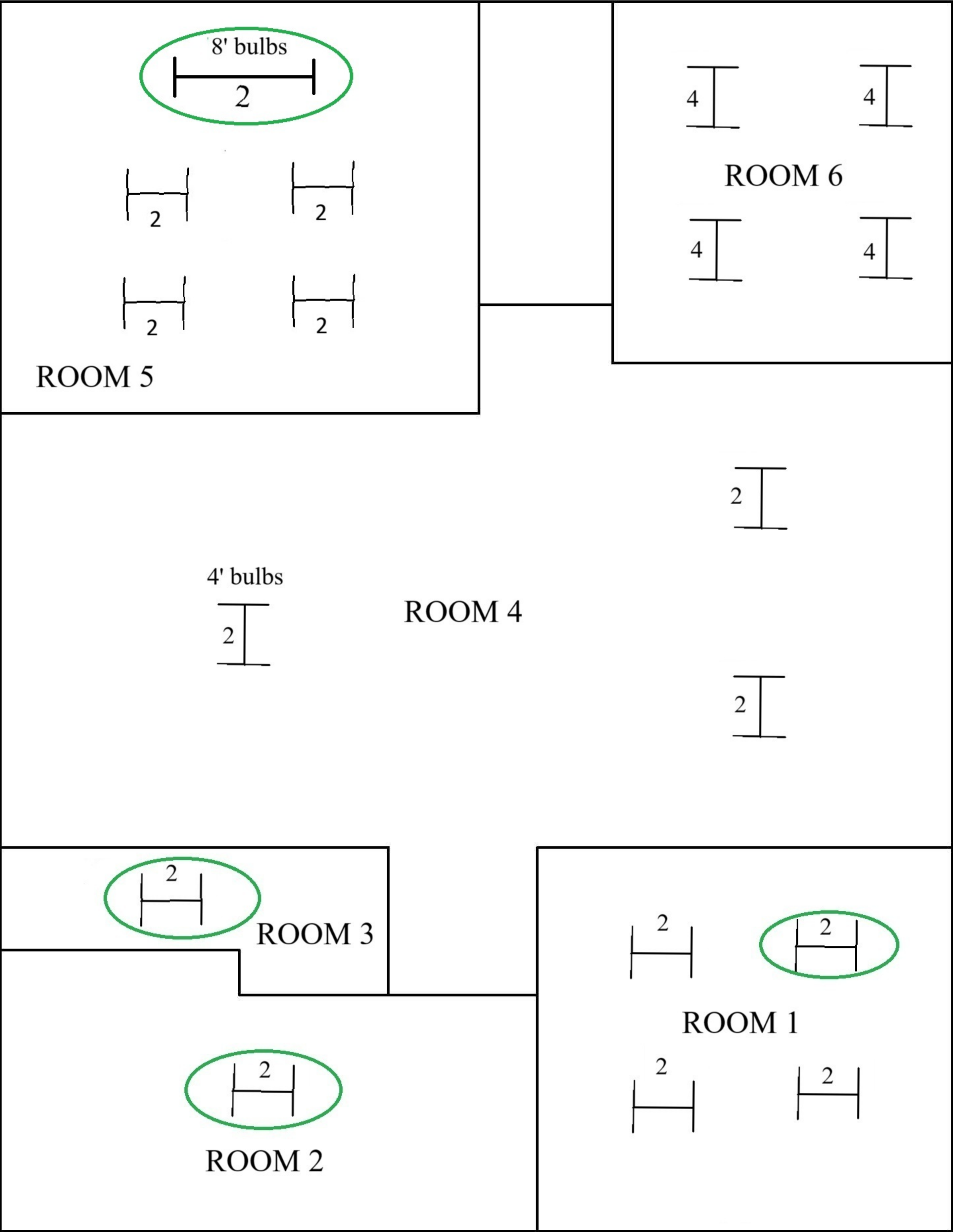
LEGEND

2 = 2 silver cap bulbs

4 = 4 silver cap bulbs

 = Green cap bulbs

NOT TO SCALE

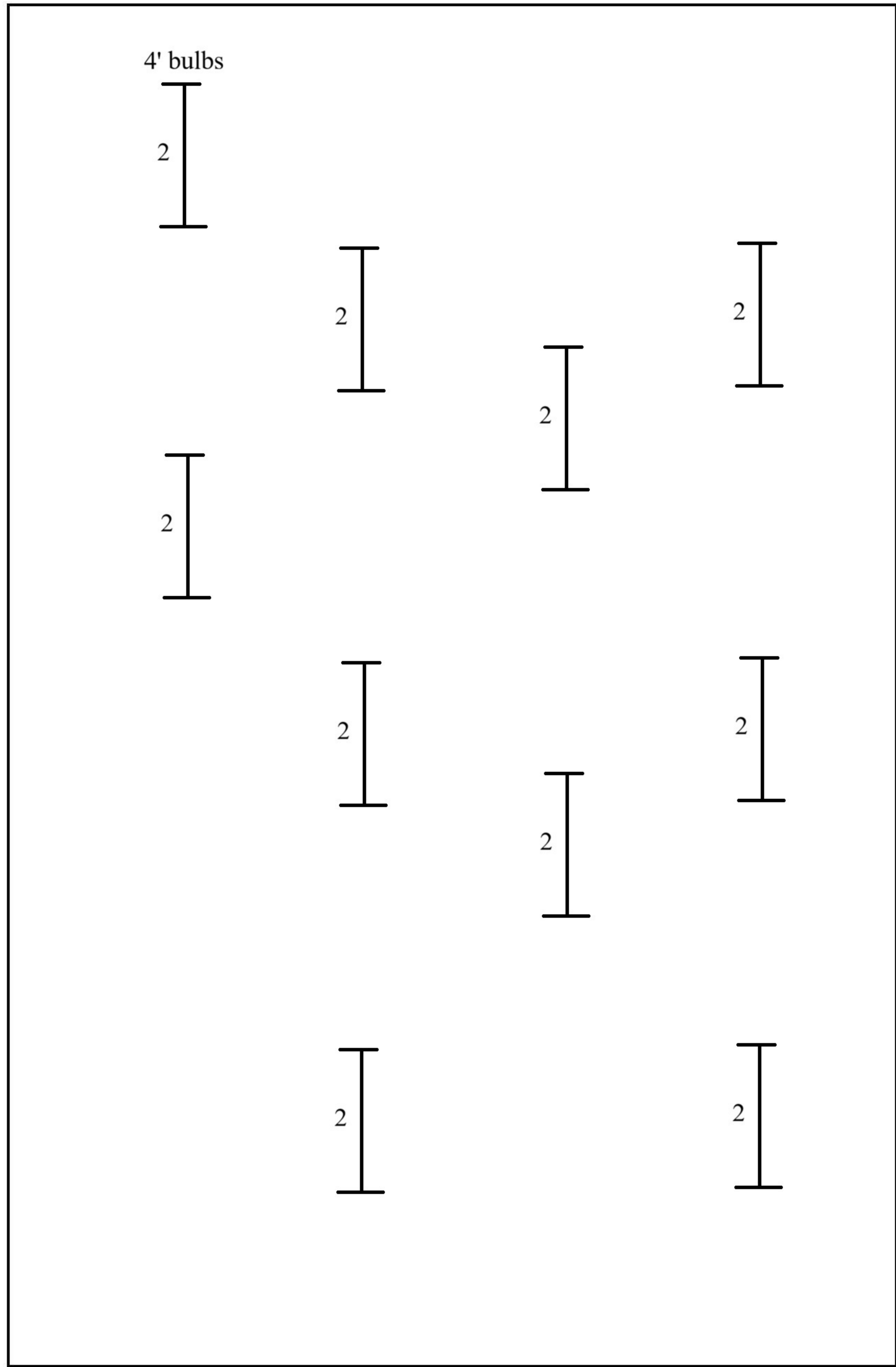


LEGEND	
2	= 2 silver bulbs
4	= 4 silver bulbs
	= Green cap bulbs



FIGURE
2C
MARCH
2026

BUILDNG 629 Lights And Ballasts
LOCATION MAP
KEAUKAHA MILITARY
RESERVATION
HILO, HAWAII 96720



LEGEND
2 = 2 silver cap bulbs

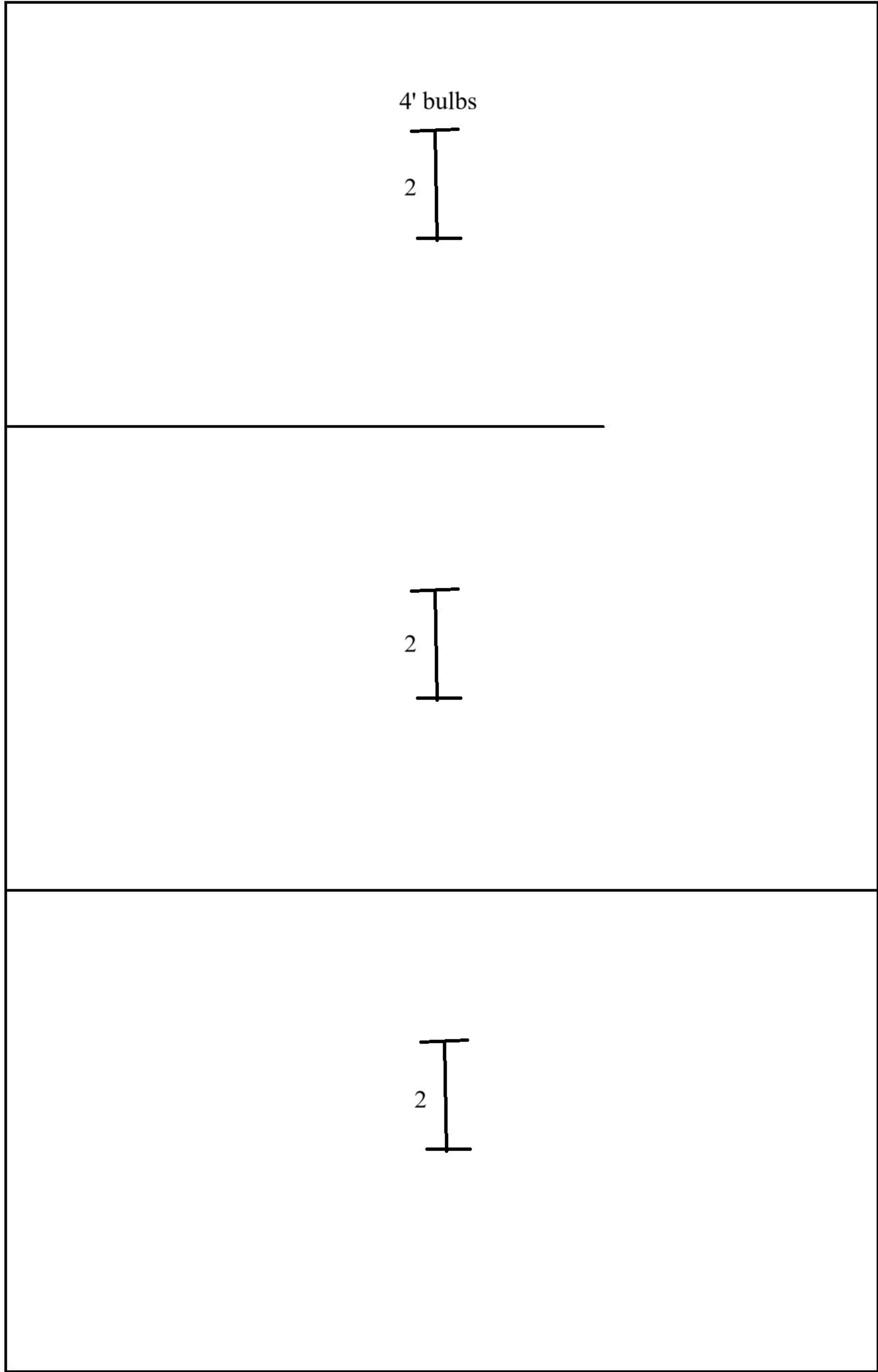
NOT TO SCALE



FIGURE
2D

MARCH
2026

BUILDNG 630 Lights and Ballasts
LOCATION MAP
KEAUKAHA MILITARY
RESERVATION
HILO, HAWAII 96720

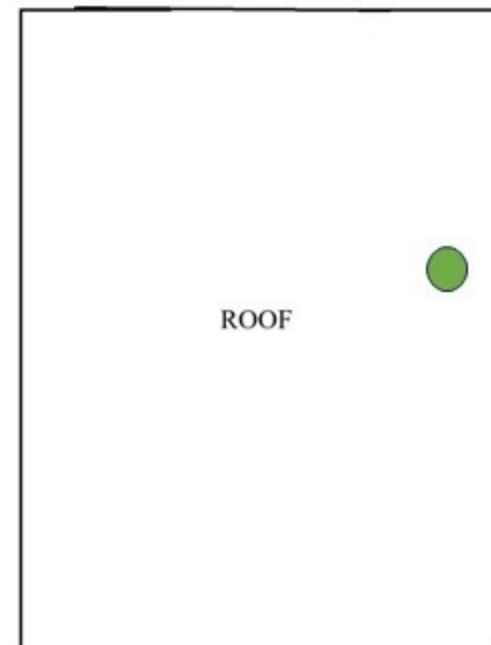
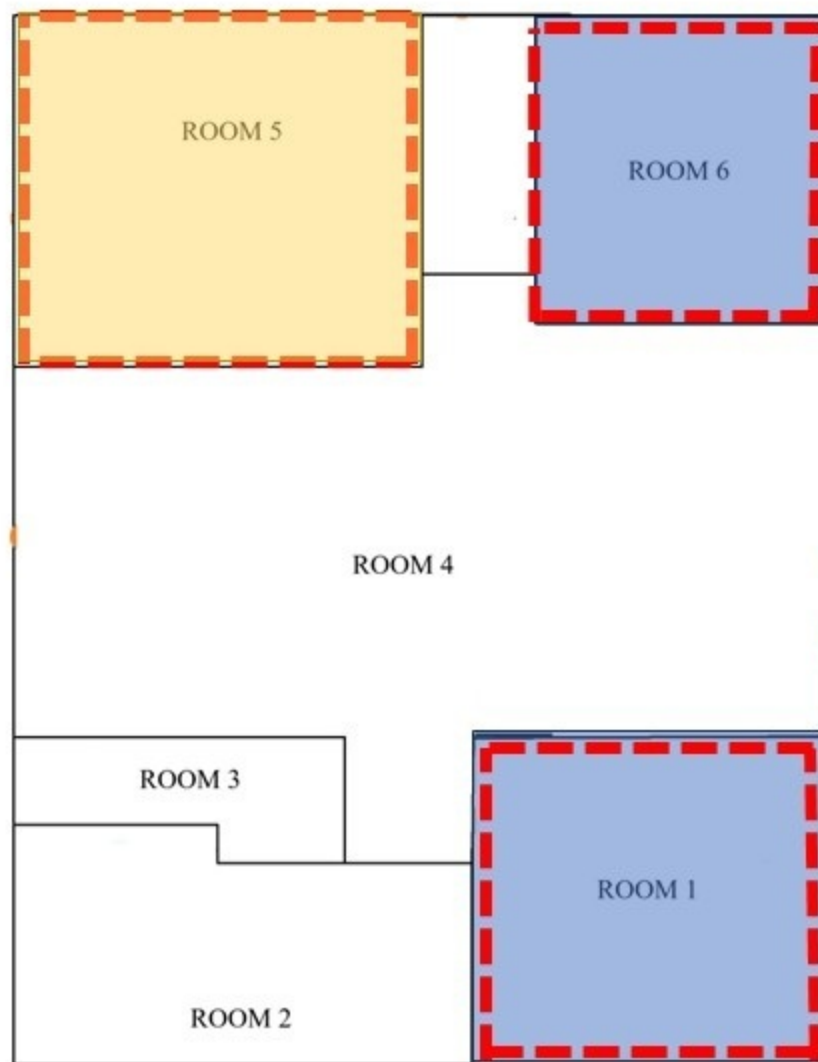


LEGEND

2 = 2 silver cap bulbs

NOT TO SCALE

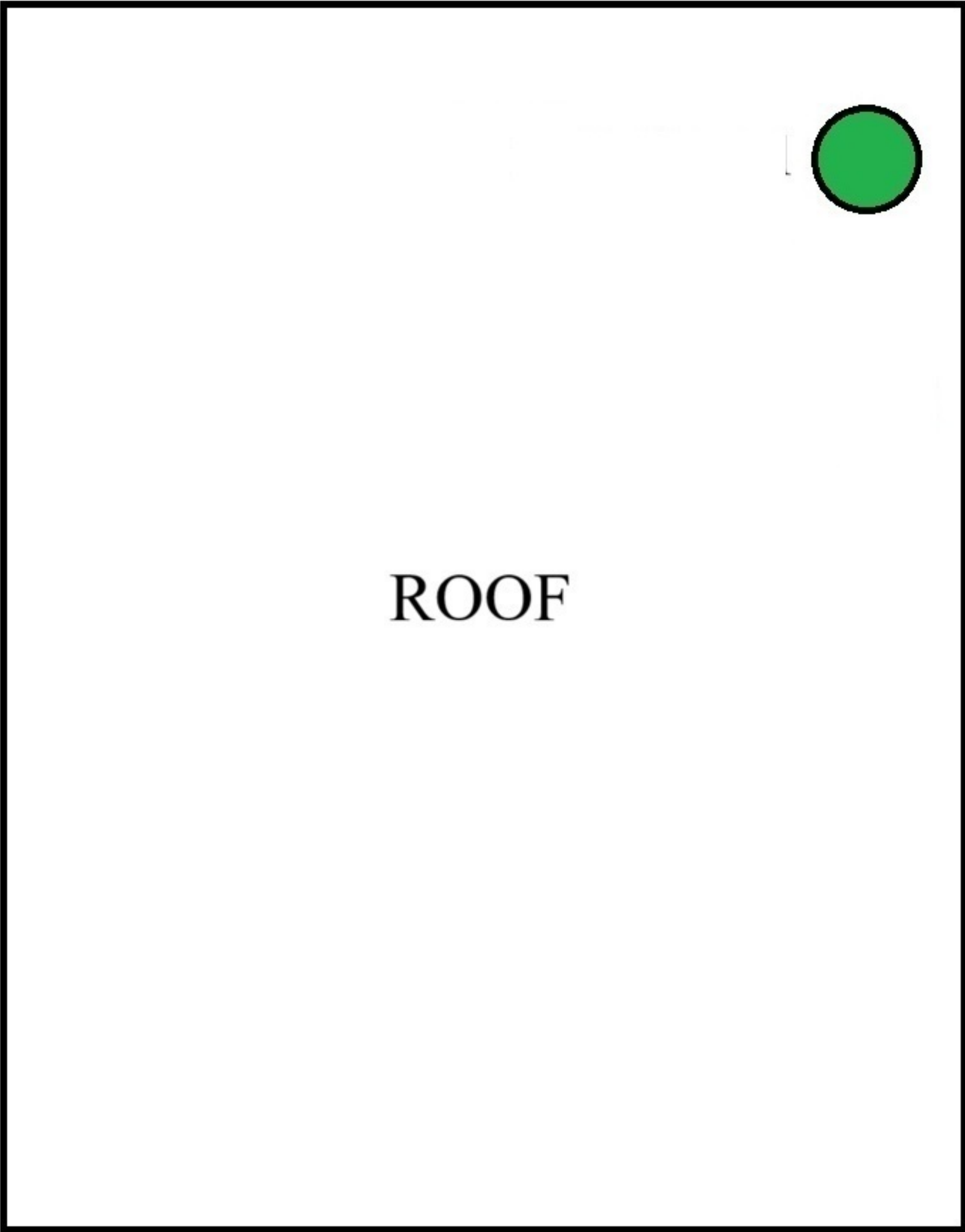
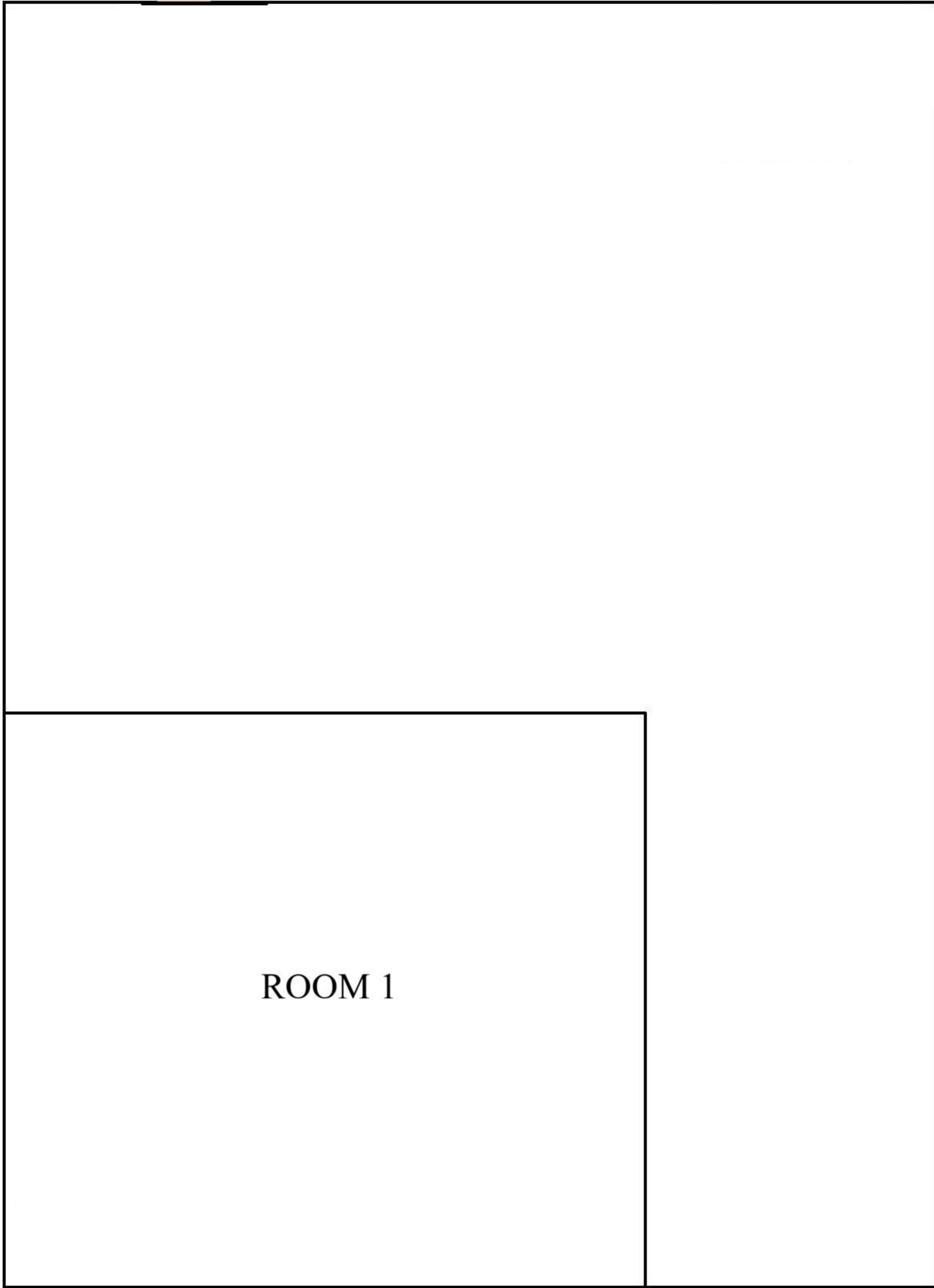
	FIGURE 3A	BUILDNG 502 ACM Location LOCATION MAP
	MARCH 2026	KEAUKAHA MILITARY RESERVATION HILO, HAWAII 96720



LEGEND

-  Identified ACM. Interior Grey 12" x 12" VFT and Black Mastic
-  Identified ACM. Interior white sheetrock ceiling with joint compound
-  Identified ACM. Exterior black vent tape and mastic
-  Identified ACM. Interior white sheetrock wall with joint compound

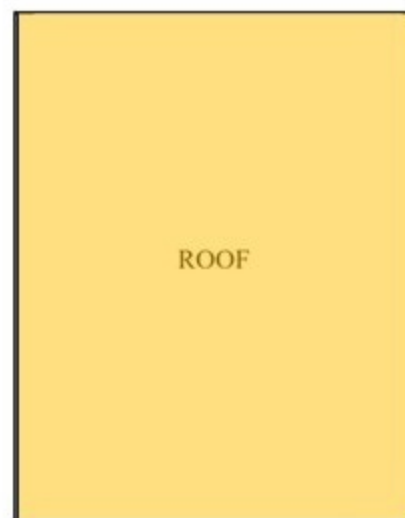
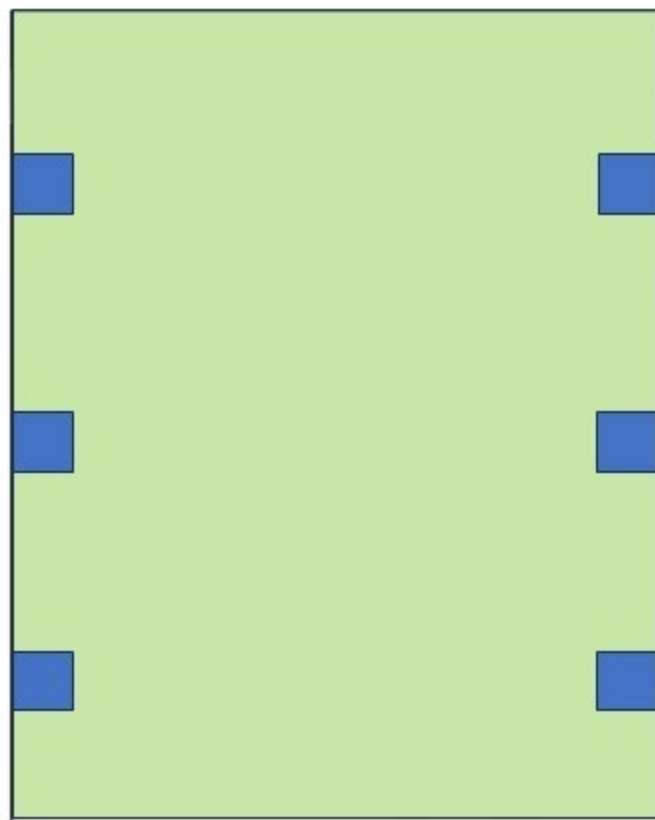
NOT TO SCALE



<u>LEGEND</u>	
	Identified ACM. Exterior Black Vent Mastic

NOT TO SCALE

	FIGURE 3C	BUILDNG 638 ACM Location LOCATION MAP
	MARCH 2026	KEAUKAHA MILITARY RESERVATION HILO, HAWAII 96720



LEGEND

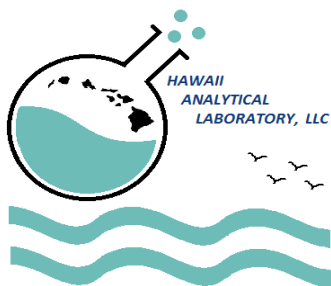
-  Identified ACM. Interior and Exterior silver framing
-  Identified ACM. Exterior grey concrete pier block
-  Identified ACM. Interior and Exterior silver underroof paint

NOT TO SCALE



Appendix **IV**

**ASBESTOS LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS
LEAD LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS
ARSENIC LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS**



Hawaii Analytical Laboratory ANALYTICAL REPORT

Wednesday, March 18, 2026

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602291
Date Submitted: 3/13/2026
Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619912	B501 A1		NONE DETECTED		None detected	Cementitious + paint	3/16/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202619913	B501 A2		NONE DETECTED		None detected	Cementitious + paint	3/16/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202619914	B501 A3		NONE DETECTED		None detected	Cementitious + paint	3/16/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202619915	B501 A4		NONE DETECTED		None detected	Quartz + paint	3/16/2026
	<u>Layer</u> <u>Off-white joint compound (limited) / white paint</u>						
	Comments						
202619915	B501 A4		NONE DETECTED		Cellulose (undulose) + fibrous glass (amorphous)	15 Gypsum	3/16/2026
	<u>Layer</u> <u>White drywall</u>						
	Comments						

Hawaii Analytical Laboratory is a NIST NVLAP accredited laboratory (NVLAP Lab Code 200655-0) and is accredited in accordance with the recognized ISO/ IEC 17025:2017. Controlled doc.: Asbestos Report, rev. 6 - 20251119

Mr. Kama Kobayashi
 Lehua Environmental Inc.
 100 Pauahi St. Suite 207
 Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619916	B501 A5		NONE DETECTED		Cellulose (undulose) + fibrous glass (amorphous)	15 Gypsum	3/16/2026
	<u>Layer</u> <u>White drywall</u>						
	Comments						
202619917	B501 A6		NONE DETECTED		Cellulose (undulose) + fibrous glass (amorphous)	15 Gypsum	3/16/2026
	<u>Layer</u> <u>White drywall</u>						
	Comments						
202619918	B501 A7		NONE DETECTED		None detected	Paint + other	3/16/2026
	<u>Layer</u> <u>Taupe/white paint material</u>						
	Comments						
202619919	B501 A8		NONE DETECTED		None detected	Paint + other	3/16/2026
	<u>Layer</u> <u>Taupe/white paint material</u>						
	Comments						
202619920	B501 A9		NONE DETECTED		None detected	Paint + other	3/16/2026
	<u>Layer</u> <u>Taupe/white paint material</u>						
	Comments						
202619921	B501 A10		NONE DETECTED		Wood fiber (undulose)	85 Calcite + other	3/16/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						
202619922	B501 A11		NONE DETECTED		Wood fiber (undulose)	85 Calcite + other	3/16/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						
202619923	B501 A12		NONE DETECTED		Wood fiber (undulose)	85 Binder + other	3/16/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						

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Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619924	B501 A13		NONE DETECTED		None detected	Binder + other	3/16/2026
<u>Layer</u>	<u>White rubbery material</u>						
Comments							
202619925	B501 A14		NONE DETECTED		None detected	Binder + other	3/16/2026
<u>Layer</u>	<u>White rubbery material</u>						
Comments							
202619926	B501 A15		NONE DETECTED		None detected	Binder + other	3/16/2026
<u>Layer</u>	<u>White rubbery material</u>						
Comments							
202619927	B501 A16		NONE DETECTED		None detected	Cementitious + other	3/16/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619928	B501 A17		NONE DETECTED		None detected	Cementitious + other	3/16/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619929	B501 A18		NONE DETECTED		None detected	Cementitious + other	3/16/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619930	B501 A19		NONE DETECTED		None detected	Cementitious + paint	3/16/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							
202619931	B501 A20		NONE DETECTED		None detected	Cementitious + paint	3/16/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202619932	B501 A21		NONE DETECTED		None detected		Cementitious + paint	3/16/2026
	<u>Layer</u> <u>Gray cementitious material / beige paint</u>							
	Comments							
202619933	B501 A22		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/16/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619934	B501 A23		NONE DETECTED		None detected		Binder + aluminum	3/16/2026
	<u>Layer</u> <u>Black sealant / foil</u>							
	Comments							
202619934	B501 A23		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/16/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619935	B501 A24		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/16/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619936	B501 A25		NONE DETECTED		None detected		Binder + other	3/16/2026
	<u>Layer</u> <u>White coating</u>							
	Comments							
202619937	B501 A26		NONE DETECTED		None detected		Binder + other	3/16/2026
	<u>Layer</u> <u>White coating</u>							
	Comments							
202619938	B501 A27		NONE DETECTED		None detected		Binder + other	3/16/2026
	<u>Layer</u> <u>White coating</u>							
	Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202619939	B502 A1	Yes	Chrysotile	2	Cellulose (undulose)	20	Calcite + binder	3/16/2026
<u>Layer</u>	<u>Off-white joint compound / paper</u>							
Comments								
202619942	B502 A4	Yes	Chrysotile	2	None detected		Calcite + binder + paint	3/16/2026
<u>Layer</u>	<u>Off-white joint compound (1) / beige paint</u>							
Comments								
202619942	B502 A4	Yes	Chrysotile	2	Cellulose (undulose)	20	Calcite + binder	3/16/2026
<u>Layer</u>	<u>Off-white joint compound (2) / paper</u>							
Comments								
202619945	B502 A7		NONE DETECTED		None detected		Binder + other	3/17/2026
<u>Layer</u>	<u>Silver coat</u>							
Comments								
202619946	B502 A8		NONE DETECTED		None detected		Binder + other	3/17/2026
<u>Layer</u>	<u>Silver coat</u>							
Comments								
202619947	B502 A9		NONE DETECTED		None detected		Binder + other	3/17/2026
<u>Layer</u>	<u>Silver coat</u>							
Comments								
202619948	B502 A10		NONE DETECTED		None detected		Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>							
Comments								
202619948	B502 A10		NONE DETECTED		None detected		Paint + other	3/17/2026
<u>Layer</u>	<u>Gray paint / skim coat</u>							
Comments								

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Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619949	B502 A11		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202619950	B502 A12		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202619951	B502 A13		NONE DETECTED		Wood fiber (undulose)	85 Paint + other	3/17/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						
202619952	B502 A14		NONE DETECTED		Wood fiber (undulose)	85 Paint + other	3/17/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						
202619953	B502 A15		NONE DETECTED		Wood fiber (undulose)	85 Paint + other	3/17/2026
	<u>Layer</u> <u>White/brown fiber board</u>						
	Comments						
202619954	B502 A16	Yes	Chrysotile	4	None detected	Tar	3/17/2026
	<u>Layer</u> <u>Black mastic</u>						
	Comments						
202619954	B502 A16	Yes	Chrysotile	< 1	None detected	Vinyl	3/17/2026
	<u>Layer</u> <u>Off-white vinyl floor tile</u>						
	Comments						
202619957	B502 A19		NONE DETECTED		None detected	Vinyl	3/17/2026
	<u>Layer</u> <u>Brown covebase</u>						
	Comments						

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619957	B502 A19		NONE DETECTED		None detected	Binder	3/17/2026
<u>Layer</u>	<u>Brown mastic</u>						
Comments							
202619958	B502 A20		NONE DETECTED		None detected	Vinyl	3/17/2026
<u>Layer</u>	<u>Brown covebase</u>						
Comments							
202619958	B502 A20		NONE DETECTED		None detected	Binder	3/17/2026
<u>Layer</u>	<u>Brown mastic</u>						
Comments							
202619959	B502 A21		NONE DETECTED		None detected	Vinyl	3/17/2026
<u>Layer</u>	<u>Brown covebase</u>						
Comments							
202619959	B502 A21		NONE DETECTED		None detected	Binder	3/17/2026
<u>Layer</u>	<u>Brown mastic</u>						
Comments							
202619960	B502 A22		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							
202619961	B502 A23		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							
202619962	B502 A24		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619963	B502 A25		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
Layer	<u>White/gray rubbery material</u>						
Comments							
202619964	B502 A26	Yes	Chrysotile	5	None detected	Tar	3/17/2026
Layer	<u>Black mastic</u>						
Comments							
202619964	B502 A26		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
Layer	<u>White/gray rubbery material</u>						
Comments							
202619965	B502 A27	Yes	Chrysotile	5	None detected	Tar	3/17/2026
Layer	<u>Black mastic</u>						
Comments							
202619965	B502 A27		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
Layer	<u>White/gray rubbery material</u>						
Comments							
202619966	B502 A28		NONE DETECTED		None detected	Binder + paint	3/17/2026
Layer	<u>White coating / green paint</u>						
Comments							
202619967	B502 A29		NONE DETECTED		None detected	Binder + paint	3/17/2026
Layer	<u>White coating / green paint</u>						
Comments							
202619968	B502 A30		NONE DETECTED		None detected	Binder + paint	3/17/2026
Layer	<u>White coating / green paint</u>						
Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619969	B629 A1		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619970	B629 A2		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619971	B629 A3		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619972	B629 A4		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							
202619973	B629 A5		NONE DETECTED		None detected	Paint + other	3/17/2026
<u>Layer</u>	<u>Beige paint / skim coat</u>						
Comments							
202619973	B629 A5		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619974	B629 A6		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / beige paint</u>						
Comments							
202619975	B629 A7		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / gray paint</u>						
Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202619976	B629 A8		NONE DETECTED		None detected		Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>							
	Comments							
202619976	B629 A8		NONE DETECTED		None detected		Paint + other	3/17/2026
	<u>Layer</u> <u>Gray paint / skim coat</u>							
	Comments							
202619977	B629 A9		NONE DETECTED		None detected		Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>							
	Comments							
202619978	B629 A10		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619979	B629 A11		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619980	B629 A12		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619981	B629 A13		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							
202619982	B629 A14		NONE DETECTED		Synthetic fiber (undulose)	25	Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>							
	Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619983	B629 A15		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
<u>Layer</u>	<u>White/gray rubbery material</u>						
Comments							
202619984	B630 A1		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619985	B630 A2		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619986	B630 A3		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202619987	B630 A4		NONE DETECTED		None detected	Paint + other	3/17/2026
<u>Layer</u>	<u>Beige paint / skim coat</u>						
Comments							
202619988	B630 A5		NONE DETECTED		None detected	Paint + other	3/17/2026
<u>Layer</u>	<u>Beige paint / skim coat</u>						
Comments							
202619989	B630 A6		NONE DETECTED		None detected	Paint + other	3/17/2026
<u>Layer</u>	<u>Beige paint / skim coat</u>						
Comments							
202619990	B630 A7		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
<u>Layer</u>	<u>Gray cementitious material / white paint</u>						
Comments							

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Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619991	B630 A8		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / white paint</u>						
	Comments						
202619992	B630 A9		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / white paint</u>						
	Comments						
202619993	B630 A10		NONE DETECTED		None detected	Paint + other	3/17/2026
	<u>Layer</u> <u>Beige paint material</u>						
	Comments						
202619994	B630 A11		NONE DETECTED		None detected	Paint + other	3/17/2026
	<u>Layer</u> <u>Beige paint material</u>						
	Comments						
202619995	B630 A12		NONE DETECTED		None detected	Paint + other	3/17/2026
	<u>Layer</u> <u>Beige paint material</u>						
	Comments						
202619996	B630 A13		NONE DETECTED		None detected	Aluminum + binder + paint	3/17/2026
	<u>Layer</u> <u>Black sealant / foil / beige paint</u>						
	Comments						
202619997	B630 A14		NONE DETECTED		None detected	Aluminum + binder + paint	3/17/2026
	<u>Layer</u> <u>Black sealant / foil / beige paint</u>						
	Comments						
202619998	B630 A15		NONE DETECTED		None detected	Aluminum + binder + paint	3/17/2026
	<u>Layer</u> <u>Black sealant / foil / beige paint</u>						
	Comments						

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Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202619999	B630 A16		NONE DETECTED		None detected	Binder + other	3/17/2026
	<u>Layer</u> <u>White coating</u>						
	Comments						
202620000	B630 A17		NONE DETECTED		None detected	Binder + other	3/17/2026
	<u>Layer</u> <u>White coating</u>						
	Comments						
202620001	B630 A18		NONE DETECTED		None detected	Binder + other	3/17/2026
	<u>Layer</u> <u>White coating</u>						
	Comments						
202620002	B630 A19		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>						
	Comments						
202620003	B630 A20		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>						
	Comments						
202620004	B630 A21		NONE DETECTED		Synthetic fiber (undulose)	25 Binder + other	3/17/2026
	<u>Layer</u> <u>White/gray rubbery material</u>						
	Comments						
202620005	B631 A1	Yes	Chrysotile	8	None detected	Tar	3/17/2026
	<u>Layer</u> <u>Black mastic</u>						
	Comments						
202620008	B631 A4		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						

Hawaii Analytical Laboratory is a NIST NVLAP accredited laboratory (NVLAP Lab Code 200655-0) and is accredited in accordance with the recognized ISO/ IEC 17025:2017. Controlled doc.: Asbestos Report, rev. 6 - 20251119

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202620009	B631 A5		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202620010	B631 A6		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202620011	B631 A7		NONE DETECTED		None detected	Cementitious + paint	3/17/2026
	<u>Layer</u> <u>Gray cementitious material / gray paint</u>						
	Comments						
202620012	B631 A8		NONE DETECTED		None detected	Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>						
	Comments						
202620013	B631 A9		NONE DETECTED		None detected	Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>						
	Comments						
202620014	B636 A1		NONE DETECTED		None detected	Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>						
	Comments						
202620015	B636 A2		NONE DETECTED		None detected	Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>						
	Comments						
202620016	B636 A3		NONE DETECTED		None detected	Cementitious + other	3/17/2026
	<u>Layer</u> <u>Gray cementitious material</u>						
	Comments						

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Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202620017	B638 A1		NONE DETECTED		None detected	Metal + other	3/17/2026
	<u>Layer</u> Silver metallic material						
	Comments						
202620018	B638 A2	Yes	Chrysotile	< 1	None detected	Binder + other	3/17/2026
	<u>Layer</u> Silver coat						
	Comments						
202620019	B638 A3	Yes	Chrysotile	2	None detected	Binder + other	3/17/2026
	<u>Layer</u> Silver coat						
	Comments						
202620020	B638 A4		NONE DETECTED		Wood fiber (undulose)	90 Other	3/17/2026
	<u>Layer</u> Brown wood						
	Comments						
202620020	B638 A4		NONE DETECTED		None detected	Binder + other	3/17/2026
	<u>Layer</u> Silver coat						
	Comments						
202620021	B638 A5		NONE DETECTED		Wood fiber (undulose)	90 Other	3/17/2026
	<u>Layer</u> Brown wood						
	Comments						
202620021	B638 A5		NONE DETECTED		None detected	Binder + other	3/17/2026
	<u>Layer</u> Silver coat						
	Comments						
202620022	B638 A6		NONE DETECTED		Wood fiber (undulose)	90 Other	3/17/2026
	<u>Layer</u> Brown wood						
	Comments						
202620022	B638 A6	Yes	Chrysotile	2	None detected	Binder + other	3/17/2026
	<u>Layer</u> Silver coat						
	Comments						

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Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

Bulk Asbestos Determination

Lab Sple No.	Sample ID / Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202620023	B638 A7		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202620023	B638 A7		NONE DETECTED		None detected	Binder + other	3/17/2026
<u>Layer</u>	<u>Silver coat</u>						
Comments							
202620024	B638 A8		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							
202620024	B638 A8	Yes	Chrysotile	< 1	None detected	Binder + other	3/17/2026
<u>Layer</u>	<u>Silver coat</u>						
Comments							
202620025	B638 A9		NONE DETECTED		None detected	Cementitious + other	3/17/2026
<u>Layer</u>	<u>Gray cementitious material</u>						
Comments							

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Lab Job No: 202602291

Date Submitted: 3/13/2026

Your Project: KMR CSMS No. 2, Keaukaha Military Reserve - Bulk Sample, 3/11/26-3/12/26

General Comments

The bulk sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures outlined in the United States Environmental Protection Agency's "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA-600/M4-82-020, Dec. 1982) and / or "Method for Determination of Asbestos in bulk Building Materials" (EPA-600/R-93-116, July 1993). The analysis of each bulk sample relates only to the material examined, and may or may not represent the overall composition of its original source. Floor tile and other resinously bound materials, when analyzed by the EPA methods referenced above may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. Gravimetric treatment, which HAL does not offer, may also be appropriate for certain NOB (non-friable organically bound) materials. Unless specifically requested by clients, NOB samples can be subcontracted to a NVLAP accredited lab, or else, they will be analyzed by HAL using regular PLM technique. In addition, alternative methods of identification, including Transmission Electron Microscopy (TEM) may or may not be applicable. Non-building material like tape, soil or dust samples are not covered by NVLAP, results are only qualitative (positive/negative). We utilize calibrated visual area estimation on a routine basis and do not conduct point counting unless specifically requested to do so. Estimated error for the visual determinations presented are 75% relative (<1 to 10%), 65% relative (11 to 19%), 50% relative (20 to 34%); 40% relative (35 to 50%), 35% relative (51 to 60%) and 25% relative (>60% v/v). We will not separate layers which in our opinion are not readily discernable.

This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of Federal Government. Unless otherwise indicated, the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

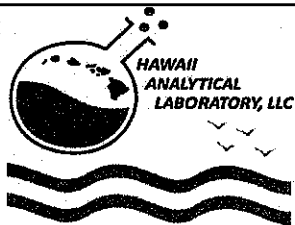
< This testing result is less than the numerical value listed.

None Detected = asbestos was not observed in the sample. If trace amount of asbestos was detected below our quantifiable limits of 1.0%, <1% (trace) would be indicated and the asbestos type listed. Point counting, where applicable, are recommended to improve accuracy.



Eva Skogsberg
Laboratory Manager

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<https://analyzehawaii.com>

☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : calvin@lehuaenv.com taylorb@lehuaenv.com
lehuaenvironmental@gmail.com kaitlin@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

KMR CSMS No. 2

Site/Project Name:

Keaukaha Military Reserve - Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

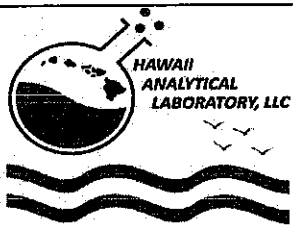
Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1	B501 A1	3/11/2026	Bulk sample		Asbestos %		202619912
2	B501 A2	3/11/2026	Bulk sample		Asbestos %		202619913
3	B501 A3	3/11/2026	Bulk sample		Asbestos %		202619914
4	B501 A4	3/11/2026	Bulk sample		Asbestos %		202619915
5	B501 A5	3/11/2026	Bulk sample		Asbestos %		202619916
6	B501 A6	3/11/2026	Bulk sample		Asbestos %		202619917
7	B501 A7	3/11/2026	Bulk sample		Asbestos %		202619918
8	B501 A8	3/11/2026	Bulk sample		Asbestos %		202619919
9	B501 A9	3/11/2026	Bulk sample		Asbestos %		202619920
10	B501 A10	3/11/2026	Bulk sample		Asbestos %		202619921
11	B501 A11	3/11/2026	Bulk sample		Asbestos %		202619922
12	B501 A12	3/11/2026	Bulk sample		Asbestos %		202619923
13	B501 A13	3/11/2026	Bulk sample		Asbestos %		202619924
14	B501 A14	3/11/2026	Bulk sample		Asbestos %		202619925
15	B501 A15	3/11/2026	Bulk sample		Asbestos %		202619926
16	B501 A16	3/11/2026	Bulk sample		Asbestos %		202619927
17	B501 A17	3/11/2026	Bulk sample		Asbestos %		202619928
18	B501 A18	3/11/2026	Bulk sample		Asbestos %		202619929
19	B501 A19	3/11/2026	Bulk sample		Asbestos %		202619930



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Phone / Cell No.* : 808-494-0365
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via email or fax : calvin@lehuaenv.com taylorb@lehuaenv.com
lehuaenvironmental@gmail.com kaitlin@lehuaenv.com

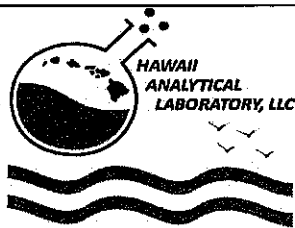
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Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.: Site/Project Name: Keaukaha Military Reserve - Bulk Sample
Special Instructions: PLM POSITIVE STOP? Verbal results? ☐
☐ + stop / SAMPLE
☐ + stop / LAYER
Lab Report No.: 202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
20	B501 A20	3/11/2026	Bulk sample		Asbestos %		202619931
21	B501 A21	3/11/2026	Bulk sample		Asbestos %		202619932
22	B501 A22	3/11/2026	Bulk sample		Asbestos %		202619933
23	B501 A23	3/11/2026	Bulk sample		Asbestos %		202619934
24	B501 A24	3/11/2026	Bulk sample		Asbestos %		202619935
25	B501 A25	3/11/2026	Bulk sample		Asbestos %		202619936
26	B501 A26	3/11/2026	Bulk sample		Asbestos %		202619937
27	B501 A27	3/11/2026	Bulk sample		Asbestos %		202619938
28	B502 A1	3/11/2026	Bulk sample		Asbestos %		202619939
29	B502 A2	3/11/2026	Bulk sample		Asbestos %		202619940
30	B502 A3	3/11/2026	Bulk sample		Asbestos %		202619941
31	B502 A4	3/11/2026	Bulk sample		Asbestos %		202619942
32	B502 A5	3/11/2026	Bulk sample		Asbestos %		202619943
33	B502 A6	3/11/2026	Bulk sample		Asbestos %		202619944
34	B502 A7	3/11/2026	Bulk sample		Asbestos %		202619945
35	B502 A8	3/11/2026	Bulk sample		Asbestos %		202619946
36	B502 A9	3/11/2026	Bulk sample		Asbestos %		202619947
37	B502 A10	3/11/2026	Bulk sample		Asbestos %		202619948
38	B502 A11	3/11/2026	Bulk sample		Asbestos %		202619949



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Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

Site/Project Name:

Keaukaha Military Reserve - Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

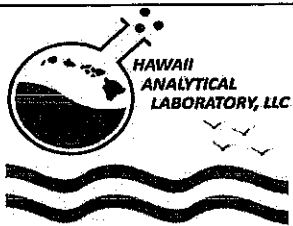
Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
39	B502 A12	3/11/2026	Bulk sample		Asbestos %		202619950
40	B502 A13	3/11/2026	Bulk sample		Asbestos %		202619951
41	B502 A14	3/11/2026	Bulk sample		Asbestos %		202619952
42	B502 A15	3/11/2026	Bulk sample		Asbestos %		202619953
43	B502 A16	3/11/2026	Bulk sample		Asbestos %		202619954
44	B502 A17	3/11/2026	Bulk sample		Asbestos %		202619955
45	B502 A18	3/11/2026	Bulk sample		Asbestos %		202619956
46	B502 A19	3/11/2026	Bulk sample		Asbestos %		202619957
47	B502 A20	3/11/2026	Bulk sample		Asbestos %		202619958
48	B502 A21	3/11/2026	Bulk sample		Asbestos %		202619959
49	B502 A22	3/11/2026	Bulk sample		Asbestos %		202619960
50	B502 A23	3/11/2026	Bulk sample		Asbestos %		202619961
51	B502 A24	3/11/2026	Bulk sample		Asbestos %		202619962
52	B502 A25	3/11/2026	Bulk sample		Asbestos %		202619963
53	B502 A26	3/11/2026	Bulk sample		Asbestos %		202619964
54	B502 A27	3/11/2026	Bulk sample		Asbestos %		202619965
55	B502 A28	3/11/2026	Bulk sample		Asbestos %		202619966
56	B502 A29	3/11/2026	Bulk sample		Asbestos %		202619967
57	B502 A30	3/11/2026	Bulk sample		Asbestos %		202619968



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☐ 2 WD
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☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

Site/Project Name:

Keaukaha Military Reserve - Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

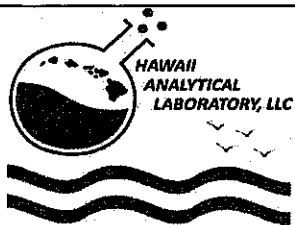
Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
58	B629 A1	3/11/2026	Bulk sample		Asbestos %		202619969
59	B629 A2	3/11/2026	Bulk sample		Asbestos %		202619970
60	B629 A3	3/11/2026	Bulk sample		Asbestos %		202619971
61	B629 A4	3/11/2026	Bulk sample		Asbestos %		202619972
62	B629 A5	3/11/2026	Bulk sample		Asbestos %		202619973
63	B629 A6	3/11/2026	Bulk sample		Asbestos %		202619974
64	B629 A7	3/11/2026	Bulk sample		Asbestos %		202619975
65	B629 A8	3/11/2026	Bulk sample		Asbestos %		202619976
66	B629 A9	3/11/2026	Bulk sample		Asbestos %		202619977
67	B629 A10	3/11/2026	Bulk sample		Asbestos %		202619978
68	B629 A11	3/11/2026	Bulk sample		Asbestos %		202619979
69	B629 A12	3/11/2026	Bulk sample		Asbestos %		202619980
70	B629 A13	3/11/2026	Bulk sample		Asbestos %		202619981
71	B629 A14	3/11/2026	Bulk sample		Asbestos %		202619982
72	B629 A15	3/11/2026	Bulk sample		Asbestos %		202619983
73	B630 A1	3/12/2026	Bulk sample		Asbestos %		202619984
74	B630 A2	3/12/2026	Bulk sample		Asbestos %		202619985
75	B630 A3	3/12/2026	Bulk sample		Asbestos %		202619986
76	B630 A4	3/12/2026	Bulk sample		Asbestos %		202619987



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Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

Site/Project Name:

Keaukaha Military Reserve - Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

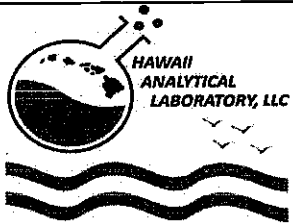
Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
77	B630 A5	3/12/2026	Bulk sample		Asbestos %		202619988
78	B630 A6	3/12/2026	Bulk sample		Asbestos %		202619989
79	B630 A7	3/12/2026	Bulk sample		Asbestos %		202619990
80	B630 A8	3/12/2026	Bulk sample		Asbestos %		202619991
81	B630 A9	3/12/2026	Bulk sample		Asbestos %		202619992
82	B630 A10	3/12/2026	Bulk sample		Asbestos %		202619993
83	B630 A11	3/12/2026	Bulk sample		Asbestos %		202619994
84	B630 A12	3/12/2026	Bulk sample		Asbestos %		202619995
85	B630 A13	3/12/2026	Bulk sample		Asbestos %		202619996
86	B630 A14	3/12/2026	Bulk sample		Asbestos %		202619997
87	B630 A15	3/12/2026	Bulk sample		Asbestos %		202619998
88	B630 A16	3/12/2026	Bulk sample		Asbestos %		202619999
89	B630 A17	3/12/2026	Bulk sample		Asbestos %		202620000
90	B630 A18	3/12/2026	Bulk sample		Asbestos %		202620001
91	B630 A19	3/12/2026	Bulk sample		Asbestos %		202620002
92	B630 A20	3/12/2026	Bulk sample		Asbestos %		202620003
93	B630 A21	3/12/2026	Bulk sample		Asbestos %		202620004
94	B631 A1	3/12/2026	Bulk sample		Asbestos %		202620005
95	B631 A2	3/12/2026	Bulk sample		Asbestos %		202620006



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Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
<https://analyzehawaii.com>

☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : calvin@lehuaenv.com taylorb@lehuaenv.com
lehuaenvironmental@gmail.com kaitlin@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

Site/Project Name:

Keaukaha Military Reserve - Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

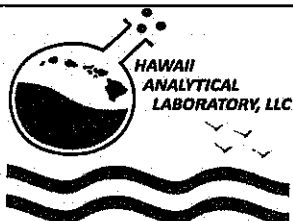
Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
96	B631 A3	3/12/2026	Bulk sample		Asbestos %		202620007
97	B631 A4	3/12/2026	Bulk sample		Asbestos %		202620008
98	B631 A5	3/12/2026	Bulk sample		Asbestos %		202620009
99	B631 A6	3/12/2026	Bulk sample		Asbestos %		202620010
100	B631 A7	3/12/2026	Bulk sample		Asbestos %		202620011
101	B631 A8	3/12/2026	Bulk sample		Asbestos %		202620012
102	B631 A9	3/12/2026	Bulk sample		Asbestos %		202620013
103	B636 A1	3/11/2026	Bulk sample		Asbestos %		202620014
104	B636 A2	3/11/2026	Bulk sample		Asbestos %		202620015
105	B636 A3	3/11/2026	Bulk sample		Asbestos %		202620016
106	B638 A1	3/11/2026	Bulk sample		Asbestos %		202620017
107	B638 A2	3/11/2026	Bulk sample		Asbestos %		202620018
108	B638 A3	3/11/2026	Bulk sample		Asbestos %		202620019
109	B638 A4	3/11/2026	Bulk sample		Asbestos %		202620020
110	B638 A5	3/11/2026	Bulk sample		Asbestos %		202620021
111	B638 A6	3/11/2026	Bulk sample		Asbestos %		202620022



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☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : calvin@lehuaenv.com taylorb@lehuaenv.com
lehuaenvironmental@gmail.com kaitlin@lehuaenv.com

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Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:

KMR CSMS No. 2

Site/Project Name:

Keaukaha Military Reserve - Asbestos Bulk Sample

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Verbal results?

☐

Lab Report No.:

202602291

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
112	B638 A7	3/11/2026	Bulk sample		Asbestos %		202620023
113	B638 A8	3/11/2026	Bulk sample		Asbestos %		202620024
114	B638 A9	3/11/2026	Bulk sample		Asbestos %		202620025
Relinquished By (Print and Sign)		Date/Time		Received By (Print and Sign)		Date/Time	
Kaitlin Villafuerte		3/12/2026		Haley Leavitt		03-13-26A10:27 RCVD	
<i>Kaitlin Villafuerte</i>				<i>Haley Leavitt</i>			

*Sample description can be paint chips, concrete, specific sample collection location, etc...

If matrix is 'soil', please specify if it is a **FOREIGN SOIL SAMPLE** (outside Hawaii) in the comment section.

All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

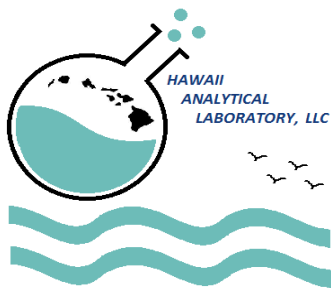
*Required fields, failure to complete these fields may result in a delay in your samples being processed.

Lab Notes:

☒ via FAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

awb#: 472 027 -41775090

Page: _____ of _____



Hawaii Analytical Laboratory ANALYTICAL REPORT

Wednesday, March 18, 2026

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290
Total Analyzed: 62
Date Collected: 3/11/2026-3/12/2026
Date Submitted: 3/13/2026
Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619850	B501 L1	470	mg/kg	3/16/2026
202619851	B501 L2	45	mg/kg	3/16/2026
202619852	B501 L3	330	mg/kg	3/16/2026
202619853	B501 L4	11000	mg/kg	3/16/2026
202619854	B501 L5	42000	mg/kg	3/16/2026
202619855	B501 L6	380	mg/kg	3/16/2026
202619856	B501 L7	< 40	mg/kg	3/16/2026
202619857	B501 L8	< 40	mg/kg	3/16/2026
202619858	B501 L9	640	mg/kg	3/16/2026

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Analytical Report, rev. 6 - 20250123

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Page 1 of 6

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290

Total Analyzed: 62

Date Collected: 3/11/2026-3/12/2026

Date Submitted: 3/13/2026

Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619859	B501 L10	7900	mg/kg	3/16/2026
202619860	B501 L11	580	mg/kg	3/16/2026
202619861	B501 L12	20000	mg/kg	3/16/2026
202619862	B501 L13	1500	mg/kg	3/16/2026
202619863	B501 L14	< 40	mg/kg	3/16/2026
202619864	B501 L15	< 40	mg/kg	3/16/2026
202619865	B501 L16	47	mg/kg	3/16/2026
202619866	B501 L17	130	mg/kg	3/16/2026
202619867	B501 L18	< 40	mg/kg	3/16/2026
202619868	B501 L19	1900	mg/kg	3/16/2026
202619869	B501 L20	< 40	mg/kg	3/16/2026
202619870	B502 L1	1900	mg/kg	3/16/2026
202619871	B502 L2	6600	mg/kg	3/16/2026

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Page 2 of 6

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290

Total Analyzed: 62

Date Collected: 3/11/2026-3/12/2026

Date Submitted: 3/13/2026

Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619872	B502 L3	< 40	mg/kg	3/16/2026
202619873	B502 L4	< 40	mg/kg	3/16/2026
202619874	B502 L5	3200	mg/kg	3/16/2026
202619875	B502 L6	1500	mg/kg	3/16/2026
202619876	B502 L7	1300	mg/kg	3/16/2026
202619877	B502 L8	170	mg/kg	3/16/2026
202619878	B502 L9	< 40	mg/kg	3/16/2026
202619879	B502 L10	390	mg/kg	3/16/2026
202619880	B502 L11	270	mg/kg	3/16/2026
202619881	B502 L12	5200	mg/kg	3/16/2026
202619882	B502 L13	1600	mg/kg	3/16/2026
202619883	B502 L14	< 40	mg/kg	3/16/2026
202619884	B629 L1	8200	mg/kg	3/16/2026

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Page 3 of 6

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290

Total Analyzed: 62

Date Collected: 3/11/2026-3/12/2026

Date Submitted: 3/13/2026

Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619885	B629 L2	50000	mg/kg	3/16/2026
202619886	B629 L3	570	mg/kg	3/16/2026
202619887	B629 L4	< 40	mg/kg	3/16/2026
202619888	B629 L5	860	mg/kg	3/16/2026
202619889	B629 L6	< 40	mg/kg	3/16/2026
202619890	B629 L7 Due to sample heterogeneity, the sample Relative Percent Difference (RPD) was outside our statistical limits.	66	mg/kg	3/18/2026
202619891	B629 L8	100	mg/kg	3/18/2026
202619892	B629 L9	2700	mg/kg	3/18/2026
202619893	B638 L1	250000	mg/kg	3/18/2026
202619894	B638 L2	3000	mg/kg	3/18/2026
202619895	B638 L3	1100	mg/kg	3/18/2026
202619896	B636 L1	33000	mg/kg	3/18/2026
202619897	B636 L2	4200	mg/kg	3/18/2026

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Page 4 of 6

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290

Total Analyzed: 62

Date Collected: 3/11/2026-3/12/2026

Date Submitted: 3/13/2026

Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619898	B636 L3	180	mg/kg	3/18/2026
202619899	B636 L4	18000	mg/kg	3/18/2026
202619900	B636 L5	50000	mg/kg	3/18/2026
202619901	B630 L1	220	mg/kg	3/18/2026
202619902	B630 L2	520	mg/kg	3/18/2026
202619903	B630 L3	3300	mg/kg	3/18/2026
202619904	B630 L4	62000	mg/kg	3/18/2026
202619905	B630 L5	800	mg/kg	3/18/2026
202619906	B630 L6	< 40	mg/kg	3/18/2026
202619907	B630 L7	120	mg/kg	3/18/2026
202619908	B630 L8	2700	mg/kg	3/18/2026
202619909	B630 L9	1600	mg/kg	3/18/2026
202619910	B631 L1	170	mg/kg	3/17/2026

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Page 5 of 6

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602290
Total Analyzed: 62
Date Collected: 3/11/2026-3/12/2026
Date Submitted: 3/13/2026
Project Name: KMR CSMS No. 2, Keaukaha Military Reservation Paint Samples

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619911	B631 L2	< 40	mg/kg	3/17/2026

All Quality Control data are acceptable unless otherwise noted.

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data (e.g. air volume or surface area) is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable. Measurement of uncertainty for lead in paint, dust, airborne particulates, and soil taken from and around buildings and related structures is available upon request. MRL for lead air is 5ug; MRL for lead wipe is 5ug; MRL for lead paint or soil is 40 mg/kg for a 0.25g

Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.

MRL = Method Reporting Limit

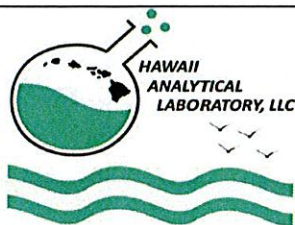


Eva Skogsberg
Laboratory Manager

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Page 6 of 6



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lehuaenvironmental@gmail.com & taylorb@lehuaenv.com

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Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:
KMR CSMS No. 2

Site/Project Name:
Keaukaha Military Reservation Paint Samples

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

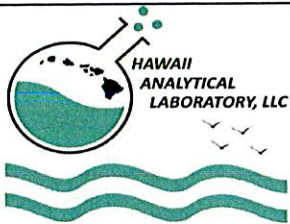
Verbal results?

☐

Lab Report No.:

202602290

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1	B501 L1	3/11/2026	Paint Chips		Total Lead		202619850
2	B501 L2	3/11/2026	Paint Chips		Total Lead		202619851
3	B501 L3	3/11/2026	Paint Chips		Total Lead		202619852
4	B501 L4	3/11/2026	Paint Chips		Total Lead		202619853
5	B501 L5	3/11/2026	Paint Chips		Total Lead		202619854
6	B501 L6	3/11/2026	Paint Chips		Total Lead		202619855
7	B501 L7	3/11/2026	Paint Chips		Total Lead		202619856
8	B501 L8	3/11/2026	Paint Chips		Total Lead		202619857
9	B501 L9	3/11/2026	Paint Chips		Total Lead		202619858
10	B501 L10	3/11/2026	Paint Chips		Total Lead		202619859
11	B501 L11	3/11/2026	Paint Chips		Total Lead		202619860
12	B501 L12	3/11/2026	Paint Chips		Total Lead		202619861
13	B501 L13	3/11/2026	Paint Chips		Total Lead		202619862
14	B501 L14	3/11/2026	Paint Chips		Total Lead		202619863
15	B501 L15	3/11/2026	Paint Chips		Total Lead		202619864
16	B501 L16	3/11/2026	Paint Chips		Total Lead		202619865
17	B501 L17	3/11/2026	Paint Chips		Total Lead		202619866
18	B501 L18	3/11/2026	Paint Chips		Total Lead		202619867
19	B501 L19	3/11/2026	Paint Chips		Total Lead		202619868



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Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi

via email or fax : calvin@lehuaenv.com & kaitlin@lehuaenv.com
lehuaenvironmental@gmail.com & taylorb@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:
KMR CSMS No. 2

Site/Project Name:
Keaukaha Military Reservation Paint Samples

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

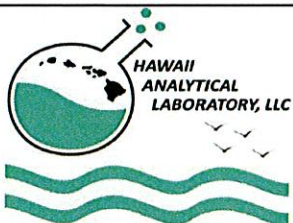
Verbal results?

☐

Lab Report No.:

202602290

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
20	B501 L20	3/11/2026	Paint Chips		Total Lead		202619869
21	B502 L1	3/11/2026	Paint Chips		Total Lead		202619870
22	B502 L2	3/11/2026	Paint Chips		Total Lead		202619871
23	B502 L3	3/11/2026	Paint Chips		Total Lead		202619872
24	B502 L4	3/11/2026	Paint Chips		Total Lead		202619873
25	B502 L5	3/11/2026	Paint Chips		Total Lead		202619874
26	B502 L6	3/11/2026	Paint Chips		Total Lead		202619875
27	B502 L7	3/11/2026	Paint Chips		Total Lead		202619876
28	B502 L8	3/11/2026	Paint Chips		Total Lead		202619877
29	B502 L9	3/11/2026	Paint Chips		Total Lead		202619878
30	B502 L10	3/11/2026	Paint Chips		Total Lead		202619879
31	B502 L11	3/11/2026	Paint Chips		Total Lead		202619880
32	B502 L12	3/11/2026	Paint Chips		Total Lead		202619881
33	B502 L13	3/11/2026	Paint Chips		Total Lead		202619882
34	B502 L14	3/11/2026	Paint Chips		Total Lead		202619883
35	B629 L1	3/11/2026	Paint Chips		Total Lead		202619884
36	B629 L2	3/11/2026	Paint Chips		Total Lead		202619885
37	B629 L3	3/11/2026	Paint Chips		Total Lead		202619886
38	B629 L4	3/11/2026	Paint Chips		Total Lead		202619887



3615 Harding Avenue, Suite 308
Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
<https://analyzehawaii.com>

☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : calvin@lehuaenv.com & kaitlin@lehuaenv.com
lehuaenvironmental@gmail.com & taylorb@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:
KMR CSMS No. 2

Site/Project Name:
Keaukaha Military Reservation Paint Samples

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

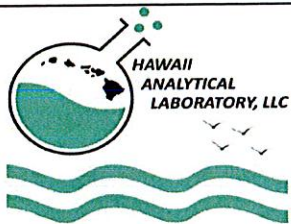
Verbal results?

☐

Lab Report No.:

202602290

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
39	B629 L5	3/11/2026	Paint Chips		Total Lead		202619888
40	B629 L6	3/11/2026	Paint Chips		Total Lead		202619889
41	B629 L7	3/11/2026	Paint Chips		Total Lead		202619890
42	B629 L8	3/11/2026	Paint Chips		Total Lead		202619891
43	B629 L9	3/11/2026	Paint Chips		Total Lead		202619892
44	B638 L1	3/11/2026	Paint Chips		Total Lead		202619893
45	B638 L2	3/11/2026	Paint Chips		Total Lead		202619894
46	B638 L3	3/11/2026	Paint Chips		Total Lead		202619895
47	B636 L1	3/11/2026	Paint Chips		Total Lead		202619896
48	B636 L2	3/11/2026	Paint Chips		Total Lead		202619897
49	B636 L3	3/11/2026	Paint Chips		Total Lead		202619898
50	B636 L4	3/11/2026	Paint Chips		Total Lead		202619899
51	B636 L5	3/11/2026	Paint Chips		Total Lead		202619900
52	B630 L1	3/12/2026	Paint Chips		Total Lead		202619901
53	B630 L2	3/12/2026	Paint Chips		Total Lead		202619902
54	B630 L3	3/12/2026	Paint Chips		Total Lead		202619903
55	B630 L4	3/12/2026	Paint Chips		Total Lead		202619904
56	B630 L5	3/12/2026	Paint Chips		Total Lead		202619905
57	B630 L6	3/12/2026	Paint Chips		Total Lead		202619906



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<https://analyzehawaii.com>

☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : calvin@lehuaenv.com & kaitlin@lehuaenv.com
lehuaenvironmental@gmail.com & taylorb@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.:
KMR CSMS No. 2

Site/Project Name:
Keaukaha Military Reservation Paint Samples

Sampled By & Certif. # :

Special Instructions:

PLM POSITIVE STOP?

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Verbal results?

☐

Lab Report No.:

202602290

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
58	B630 L7	3/12/2026	Paint Chips		Total Lead		202619907
59	B630 L8	3/12/2026	Paint Chips		Total Lead		202619908
60	B630 L9	3/12/2026	Paint Chips		Total Lead		202619909
61	B631 L1	3/12/2026	Paint Chips		Total Lead		202619910
62	B631 L2	3/12/2026	Paint Chips		Total Lead		202619911
Relinquished By (Print and Sign)		Date/Time		Received By (Print and Sign)		Date/Time	
Kaitlin Villafuerte		3/12/26 12:00 PM		Haley Leavitt		03-13-26A10:27 RCV	
<i>Kaitlin Villafuerte</i>				<i>Haley Leavitt</i>			

*Sample description can be paint chips, concrete, specific sample collection location, etc...

If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.

All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

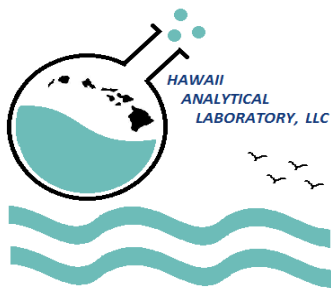
*Required fields, failure to complete these fields may result in a delay in your samples being processed.

Lab Notes:

☒ via AAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

awb#: ~~173~~ 027-41775090

Page: _____ of _____



Hawaii Analytical Laboratory ANALYTICAL REPORT

Wednesday, March 18, 2026

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602289
Total Analyzed: 2
Date Collected: 3/11/2026
Date Submitted: 3/13/2026
Project Name: KMR CSMS No. 2, Keaukaha Military Reserve - Arsenic Bulk Sample

Total Recoverable Arsenic (FAAS)

EPA Method: 3051m / 7000Bm

Lab Sple No.	Sample ID / Description	Results	Units	Date Analyzed
202619848	B501 AR1	4500	mg/kg	3/17/2026
202619849	B502 AR1	4500	mg/kg	3/17/2026

All Quality Control data are acceptable unless otherwise noted.

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Analytical Report, rev. 6 - 20250123

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Page 1 of 2

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Email: lehuaenvironmental@gmail.com

Lab Job No: 202602289
Total Analyzed: 2
Date Collected: 3/11/2026
Date Submitted: 3/13/2026
Project Name: KMR CSMS No. 2, Keaukaha Military Reserve - Arsenic Bulk Sample

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data (e.g. air volume or surface area) is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable. Measurement of uncertainty for lead in paint, dust, airborne particulates, and soil taken from and around buildings and related structures is available upon request. MRL for lead air is 5ug; MRL for lead wipe is 5ug; MRL for lead paint or soil is 40 mg/kg for a 0.25g

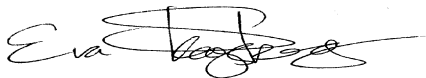
Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.

MRL = Method Reporting Limit

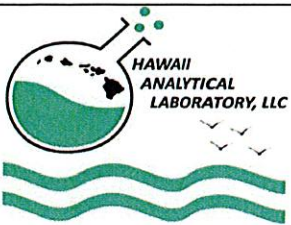


Eva Skogsberg
Laboratory Manager

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Analytical Report, rev. 6 - 20250123

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Page 2 of 2



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Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
<https://analyzehawaii.com>

☐ New Client?

Report To* : Kama Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
via email or fax : kaitlin@lehuaenv.com calvin@lehuaenv.com
lehuaenvironmental@gmail.com taylorb@lehuaenv.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* :
Purchase Order No. :
Email Invoice To : lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☒ 3 WD
☐ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Client Project No.: KMR CSMS No. 2	Site/Project Name: Keaukaha Military Reserve - Arsenic Bulk Sample	Sampled By & Certif. # : Lab Report No.: 202602289
Special Instructions: kekuanoa	PLM POSITIVE STOP? ☐ + stop / SAMPLE ☐ + stop / LAYER	Verbal results? ☐

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1	B501 AR1	3/11/2026	Bulk Sample		Total Arsenic		202619848
2	B502 AR1	3/11/2026	Bulk Sample		Total Arsenic		202619849
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

Relinquished By (Print and Sign)

Date/Time

Received By (Print and Sign)

Date/Time

Kaitlin Villaverde
Kaitlin Villaverde

3/12/26 12:00 PM

Hailey Leavitt
Hailey Leavitt

03-13-26 A10:26 RCVD

*Sample description can be paint chips, concrete, specific sample collection location, etc...
If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.
All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

Lab Notes:

☒ via A/C ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

awb#: ~~172~~ 027-41775090