



HONOLULU CITY COUNCIL
KE KANIHELA O KE KALANA O HONOLULU
CITY AND COUNTY OF HONOLULU

No. 25 - 49

RESOLUTION

GRANTING A SPECIAL MANAGEMENT AREA (SMA) MAJOR PERMIT TO ALLOW FOR THE CONSTRUCTION OF TWO NEW SINGLE-FAMILY DWELLINGS, WITH ATTACHED GARAGES, RETAINING WALLS, AND SEPTIC SYSTEM IN HE'EIA, O'AHU.

WHEREAS, on October 11, 2024, the Department of Planning and Permitting (DPP) accepted the application (File Number 2024/SMA-102) from Lukasz J. Maj and Mary L. Lan (Applicant) for a SMA Major Permit to allow the construction of two new single-family dwellings with attached garages, retaining wall, and septic system, on an approximately 20,645-square (sq.) -foot (ft.) shoreline lot in the R-5 Residential District, located at 46-029 Lilipuna Road, and identified as Tax Map Key (TMK) 4-6-001: 011 (the Project); and

WHEREAS, on December 4, 2024, the DPP held a public hearing on the application at the Frank F. Fasi Municipal Building, Sixth Floor Conference Room, which was attended by the Applicant, the Applicant's agent, DPP staff members and one member of the public; and at which no public testimony was offered; and

WHEREAS, on February 3, 2025, within 120 working days after the close of the public hearing (the Applicant having requested a 14-day extension of the 45-day administrative deadline), the DPP, having duly considered all evidence and the objectives, policies, and guidelines, as established in the Revised Ordinances of Honolulu 2021 (ROH) §§ 25-3.1 and 25-4.1 and the Hawai'i Revised Statutes (HRS) §§ 205A-2 and 205A-26 completed its report and transmitted its findings and recommendation of approval to the City Council (Council); and

WHEREAS, the Council, having received the findings and recommendation of the DPP on 02/05/25, by Departmental Communication No. 90, and having duly considered all of the findings and reports on the matter, desires to approve the subject application for an SMA Use Permit with the conditions enumerated below; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that an SMA Use Permit be issued to the Applicant for the Project, subject to the following conditions:

- A. Except as required by these conditions of approval development must be in general conformity with the Project as described in the DPP's findings and recommendation, referenced above, and as depicted in Exhibits A, B, C-1 through C-14, and D through K attached hereto and incorporated herein by this reference. Any change in the size or nature of the Project that may have a significant effect on coastal resources, as addressed in ROH Chapter 25 or HRS

D-90(25)
ZON



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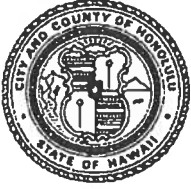
RESOLUTION

Chapter 205A, or both, will require a new application and SMA Major Permit. Any new application for an SMA Major Permit for the Project will be processed in accordance with the ordinance in effect at the time the application is accepted by the DPP. Any change that does not have a significant effect on coastal resources may be considered a minor modification and may be permitted under this resolution upon review and approval by the Director of the DPP.

- B. To minimize impacts to known and unknown archaeological, historic, and cultural resources that may be present on the Project site, if during construction, any previously unidentified archaeological sites or remains (such as artifacts, shell, bone, or charcoal deposits, human burials, rock or coral alignments, pavings, or walls) are encountered, the Applicant shall stop work, protect the find from further disturbance, and contact the Department of Land and Natural Resources, State Historic Preservation Division (SHPD) immediately. Work in the immediate area must be stopped until the SHPD is able to assess the impact and make further recommendations for mitigative activity.

The requirements enumerated in this condition, and all mitigation protocols approved or otherwise required by SHPD, must be clearly stated under "Environmental Notes" on all Project construction permit plans and building permit (BP) plans.

- C. To minimize impacts to threatened, endangered, or protected avian, marine, and terrestrial fauna that may frequent or traverse the vicinity of the Project site, the Applicant is responsible for the following:
1. All new and replacement outdoor light fixtures must not exceed a color temperature of 3,000 degrees kelvin;
 2. Artificial light from exterior light fixtures, including but not limited to floodlights, uplights, or spotlights used for decorative or aesthetic purposes, is prohibited if the light directly illuminates or is directed across property boundaries toward the shoreline and ocean waters, except as may otherwise be permitted pursuant to HRS Section 205A-71(b);
 3. Exterior lighting fixtures must be fully shielded, using full cutoff fixtures, with the light directed downward so that the light bulb is only visible from below the light fixture;
 4. All Project site work and construction activities are limited to daylight hours (sunrise to sunset);



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5. Woody plants greater than 15 ft. in height must not be disturbed, removed, or trimmed during the Hawaiian Hoary Bat birthing and pup rearing season (June 1 through September 15);
6. Barbless fencing must be used for all fence construction to avoid the entanglement of Hawaiian Hoary Bats.

These requirements enumerated in this condition must be clearly stated under "Environmental Notes" on any Project construction plans and BP plans.

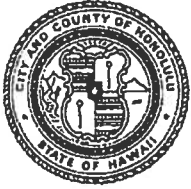
- D. To minimize the potential for adverse impacts related to coastal hazards, including but not limited to SLR, coastal erosion, flooding, wave action, and storm surge, the landowner hereby acknowledges the following declarations which must be clearly stated under "Landowner Acknowledgments" on all BP plans:

1. *"The landowner hereby acknowledges that Tax Map Key 4-6-001: 011 is susceptible to coastal hazards, which may result in harm to or loss of life and property."*
2. *"The landowner hereby acknowledges (and any successor owner or interested party is hereby notified) that Tax Map Key 4-6-001: 011 may be adversely impacted by coastal hazards. The landowner agrees to assume all risk and liability for any harm to or loss of life and property due to development in close proximity to the shoreline. The landowner further agrees to accept all responsibility for the cost and physical removal of materials and structures lost or damaged as a result of coastal hazards, including the cleanup and restoration of the Project site."*

This statement must be clearly stated under "Landowner Acknowledgements" on all Project BP plans.

- E. To ensure the landowner is aware that bed and breakfast homes and transient vacation units are not allowed on the Project site, the landowner hereby acknowledges the following declarations which must be clearly stated on all "Landowner Acknowledgements" on all Project BP plans:

"The landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) that bed and breakfast homes and transient vacation units, as those terms are defined in Revised Ordinances of Honolulu Chapter 21, the Land Use Ordinance, are not allowed on Tax Map Key 4-6-001: 011."



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This statement must be clearly stated under "Landowner Acknowledgements" on all Project BP plans.

- F. To account for the potential shift of land from the State Land Use Urban District to the State Land Use Conservation District due to anticipated coastal erosion, the landowner hereby acknowledges the following declarations which must be clearly stated under "Landowner Acknowledgements" on all Project BP plans:

"In choosing to implement construction activities at Tax Map Key 4-6-001: 011, the Landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) that land makai of the regulatory shoreline is State public land, falls within the State Land Use Conservation District, and must remain available for public use and recreational activities. The landowner further acknowledges that should any portion of a structure encroach into State public land, the State Board of Land and Natural Resources may require the removal of the structure or a lease for the encroachments extending into the State public land. As a result of this acknowledgement, successor owners and interested parties are hereby notified of this same information and the landowner shall hold harmless and indemnify the City for any responsibility that may result from adverse impacts associated with Sea Level Rise and coastal erosion."

- G. Following approval of this SMA Major Permit, neither the current landowner, nor any successor owner or interested party, may claim hardship due to erosion, SLR, or any other coastal hazard, in order to obtain approval for a Shoreline Setback Variance for a new shoreline protection structure. The landowner hereby acknowledges the following declarations which must be clearly stated under "Landowner Acknowledgements" on all Project BP plans:

"In choosing to undertake the development at Tax Map Key 4-6-001: 011, the landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) that no claim of hardship due to erosion, Sea Level Rise, or any other coastal hazard may be asserted in order to obtain approval for a Shoreline Setback Variance for a shoreline protection structure."

- H. Permits

1. The Project's BP application was accepted as complete on June 12, 2024, and the Applicant must obtain the BP for the Project no later than



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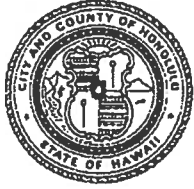
RESOLUTION

June 30, 2025. The Project may not rely on the 40-ft. Shoreline Setback that was in effect through June 30, 2024, and must instead comply with the shoreline setback required under ROH Chapter 26 effective as of July 1, 2024. The shoreline setback must be shown on the BP plans.

2. The Applicant shall obtain a development permit for the Project within 36 months after the effective date of this SMA Major Permit. Failure to obtain a construction permit or BP within this period will render this SMA Major Permit null and void; provided that this period may be extended as follows:
 - a. The DPP Director may extend this period if the Applicant demonstrates good cause, but the period cannot be extended by the DPP Director beyond one year from the initial deadline set by Council.
 - b. If the Applicant demonstrates good cause for an extension exceeding one year, the DPP Director must prepare and submit to the Council a report on the proposed extension, which report must include the DPP Director's findings and recommendations thereon. The Council may approve the proposed extension for a shorter or longer period, or deny the proposed extension, by adoption of a committee report or resolution.
 - c. If the Council fails to take final action on the proposed extension within the first to occur of:
 - i. Sixty days after receipt of the DPP Director's report; or
 - ii. The Applicant's then-existing deadline for obtaining a development permit,

the extension will be deemed to be denied.

- I. Approval of this SMA Major Permit does not constitute compliance with other City ordinances, including but not limited to the Land Use Ordinance (LUO) and building and construction codes, or other governmental requirements, including but not limited to LUO, building, grading, and grubbing permit approvals. They are subject to separate review and approval. The Applicant shall be responsible for ensuring that the final plans for the Project approved under this SMA Major Permit comply with all applicable City ordinances and other governmental provisions and requirements.



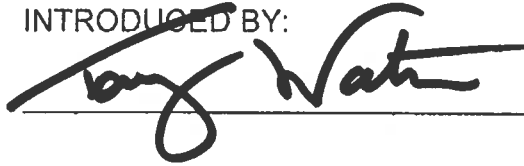
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BE IT FINALLY RESOLVED by the Council of the City and County of Honolulu that copies of this Resolution be transmitted to from Lukasz J. Maj and Mary L. Lan, 46-29 Lilipuna Road, Kāne'ohe, Hawai'i, 96744; Mark Howland, WHALE Environmental Services, P.O. Box 455, Kahuku, Hawai'i, 96731; Dawn Takeuchi Apuna, Director of Planning and Permitting, 650 South King Street, 7th Floor, Honolulu, Hawai'i 96813; and Mary Alice Evans, Director of the Office of Planning and Sustainable Development, Attention: Coastal Zone Management Branch, P.O. Box 2359, Honolulu, Hawai'i 96804-2359.

INTRODUCED BY:

 (br)

DATE OF INTRODUCTION:

FEB 6 2025

Honolulu, Hawai'i

Councilmembers

KANEOHE BAY

PROJECT

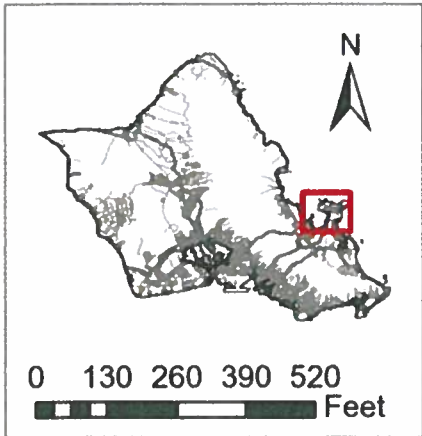


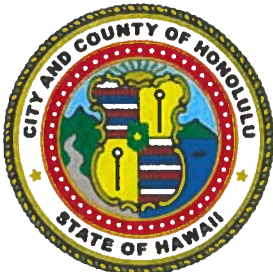
**EXHIBIT A
LOCATION MAP**

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

46-029 LILIPUNA ROAD - HE'EIA

October 2024



Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

KANEOHE BAY

PROJECT SITE

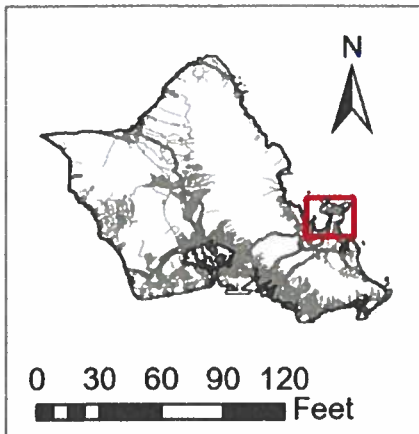
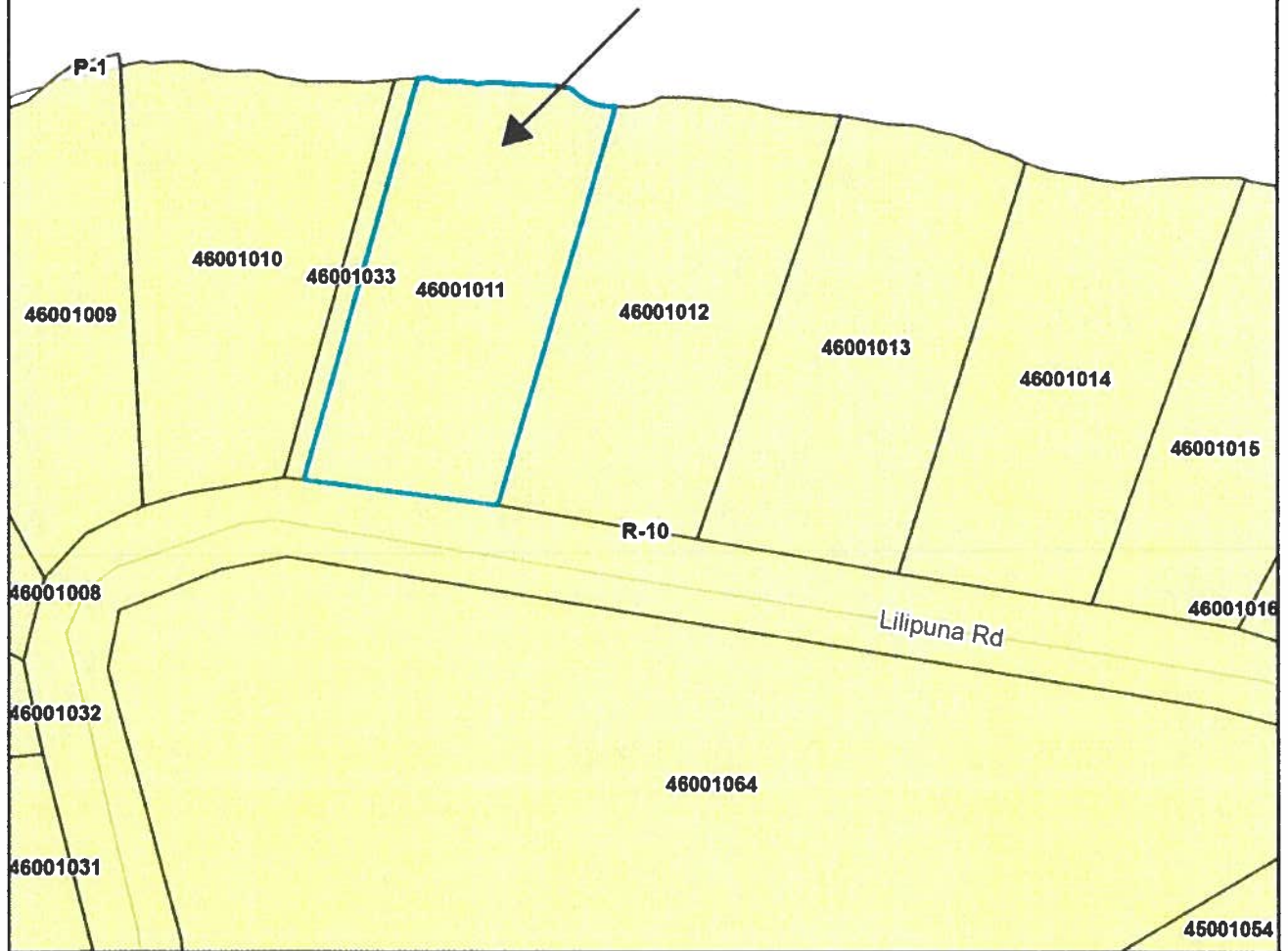


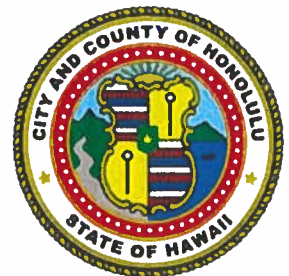
EXHIBIT B ZONING MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

46-029 LILIPUNA ROAD- HE'EIA

January 2025



Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

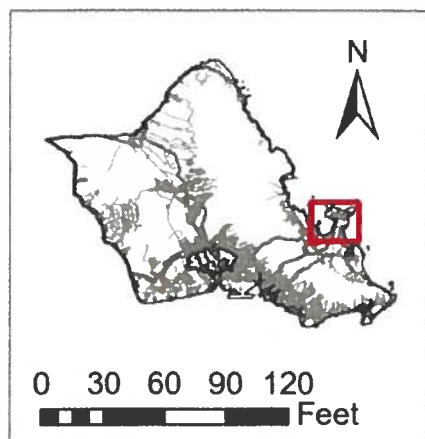
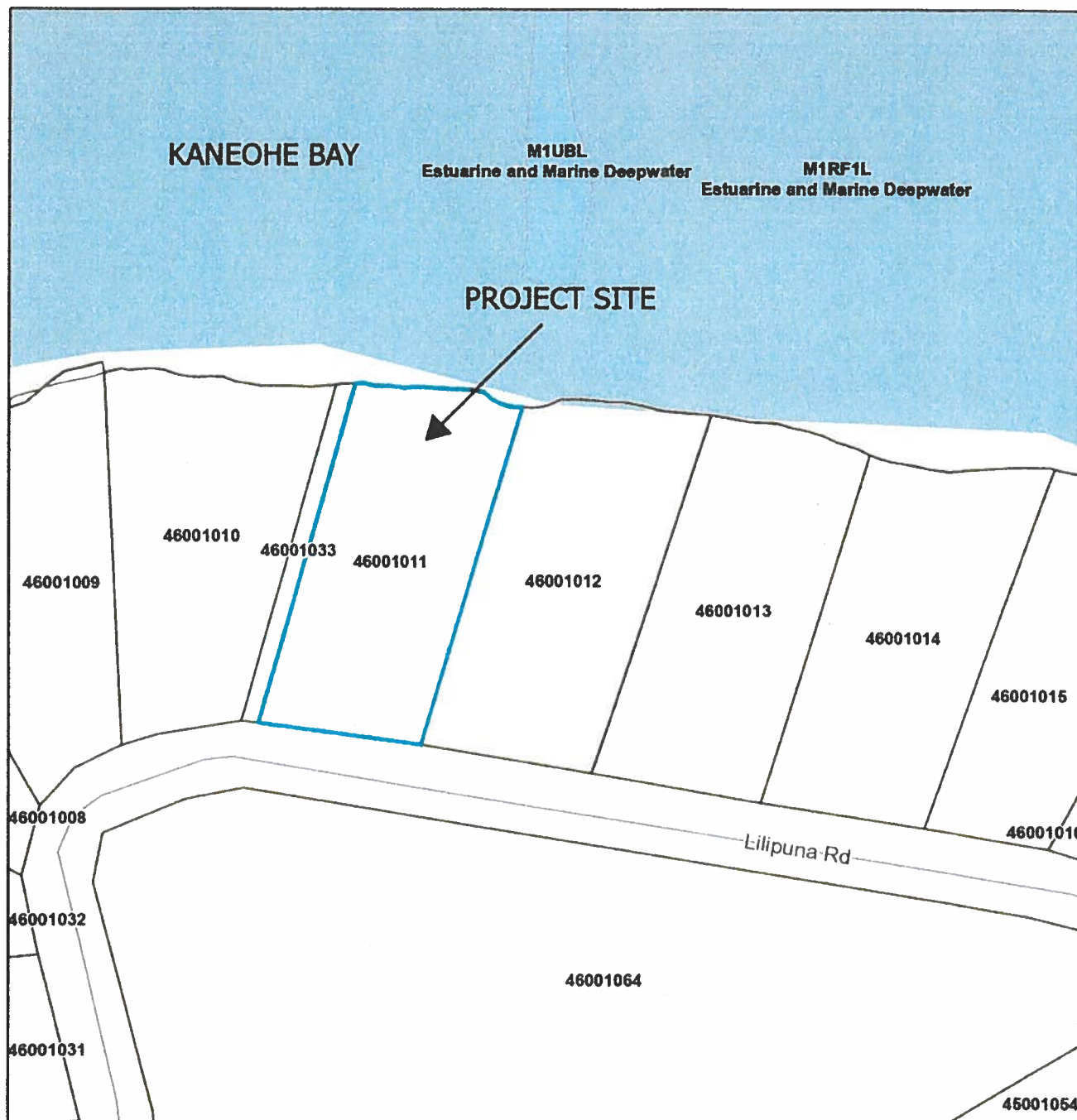


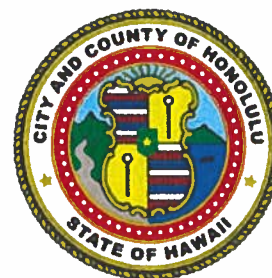
EXHIBIT D WETLAND MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

46-029 LILIPUNA ROAD- HE'EIA

January 2025



Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

The shoreline as delineated in red is hereby certified as the shoreline as of
MAR 15 2024

~~Chairperson, Board of Land and Natural Resources~~

S E A

1 in. = 16 ft.

KANE OHE

BAY

—NON EXCLUSIVE PIER AND SHED EASEMENT
AS SHOWN ON C.S.F. NO. 20,516

— Shoreline follows along bottom bank as located on November 3, 2023

- Shoreline follows along vegetation line as certified on August 5, 1986

—Boundary follows along highwater mark at seashore as shown on Map 13.

SHORELINE CERTIFICATION MAP

LOTS 14 AND 15 ON MAP 13
LAND COURT APPLICATION 1100

AT HEEIA, KOOLAUPOKO, OAHU, HAWAII

Tax Map Key: (1) 4-6-001: 011 & 033

SITE ADDRESS: 46-29 LILIPUNA ROAD
KANE OHE, HI 96744
OWNERS: LUKASZ J. MAJ AND MARY L. LAN



This work was prepared by me
or under my supervision

BENJAMIN E. K. GUIEB
 Licensed Professional Land Surveyor
 Certificate Number 19770
 Exp. 4/30/2024

NOTES:

1.  - Symbol represents direction and location of photographs taken on November 03, 2023 at 1200pm.
2. Property Corners were found or marked and set as shown in Map

KANEOHE BAY

PROJECT SITE

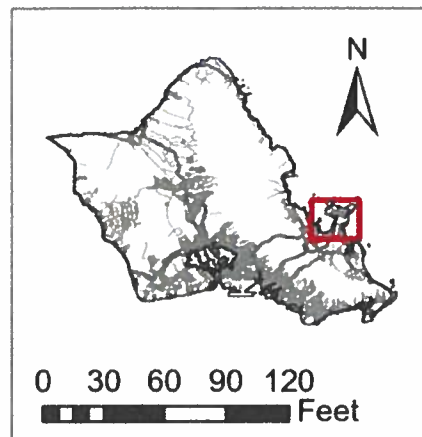
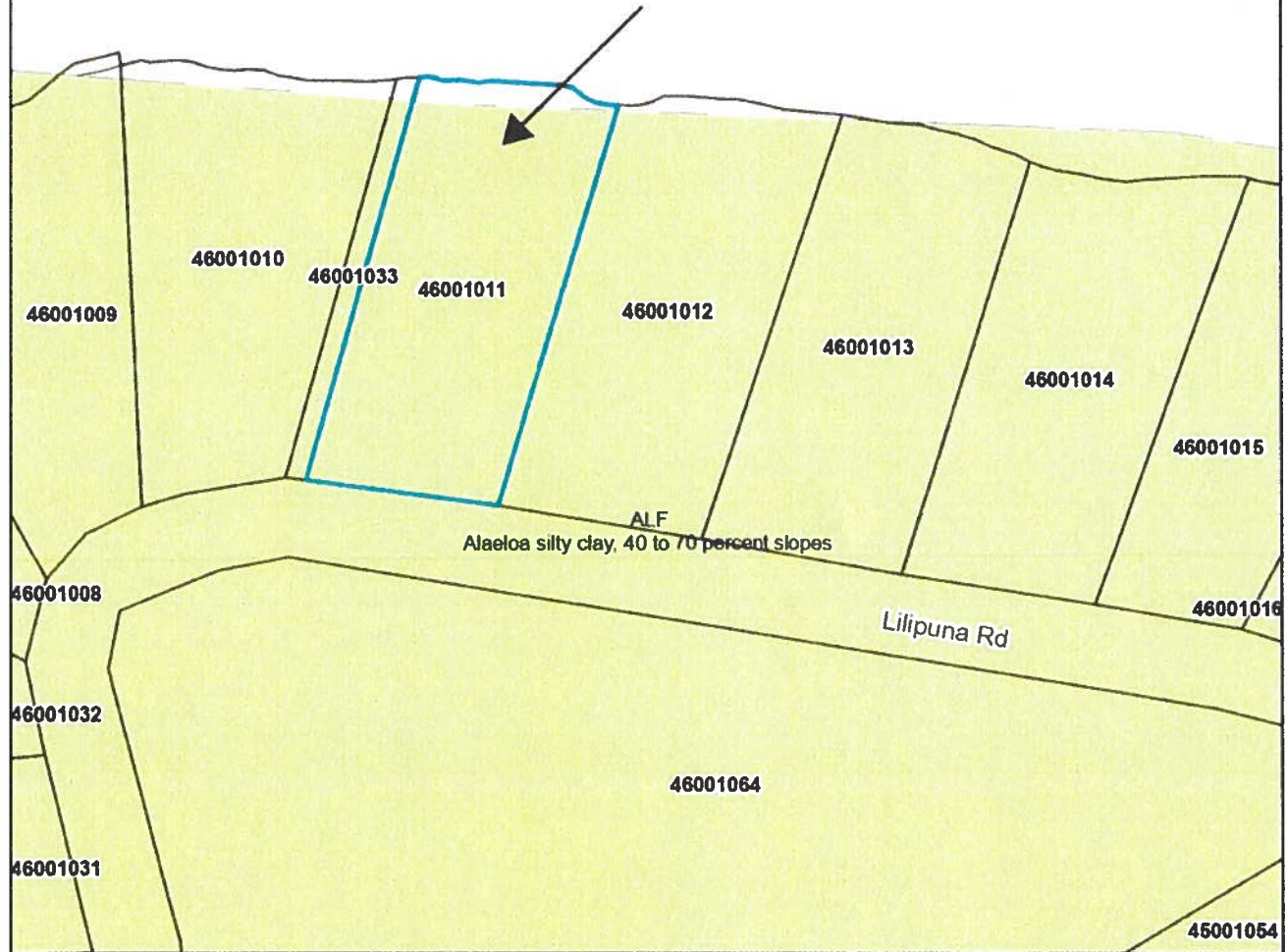


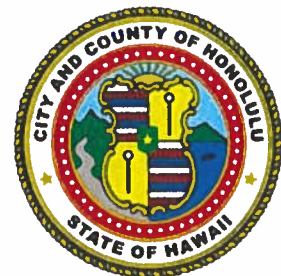
EXHIBIT F SOILS MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

46-029 LILIPUNA ROAD- HE'EIA

January 2025



Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

KANEOHE BAY

PROJECT SITE

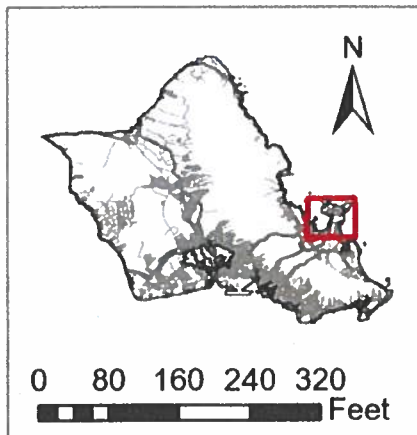
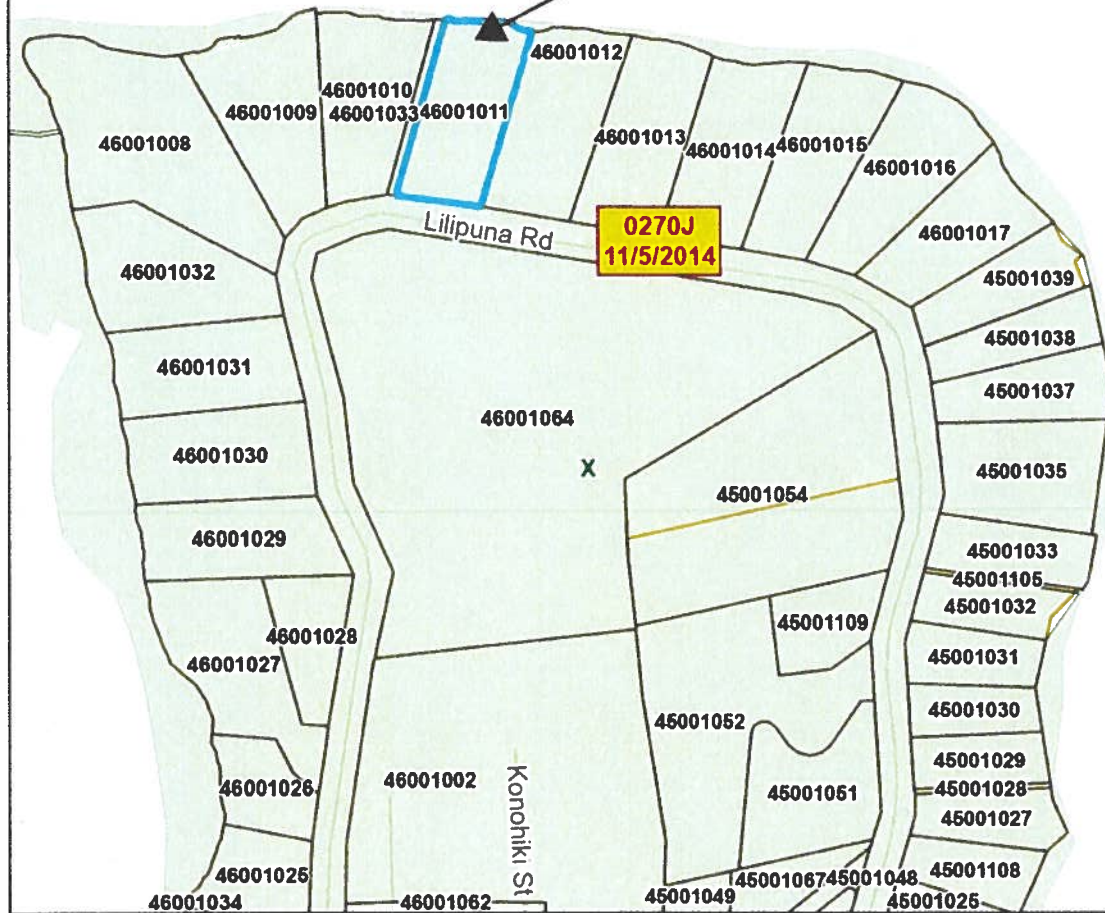


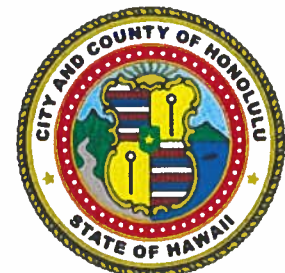
EXHIBIT G FLOOD MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

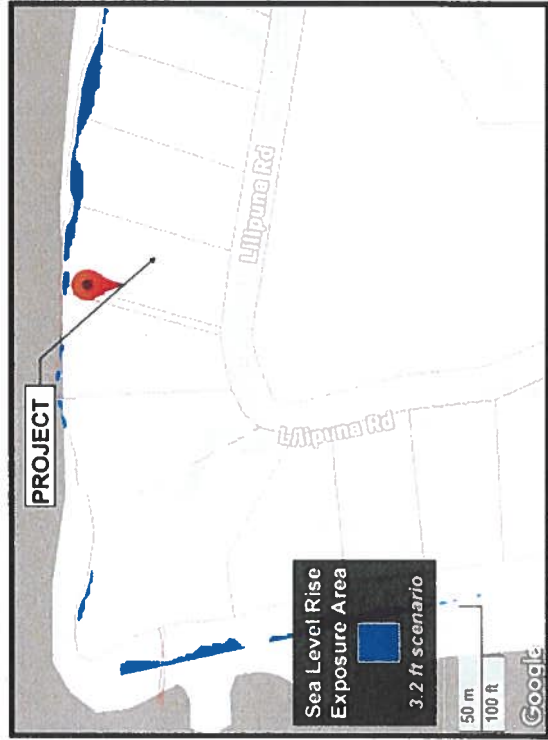
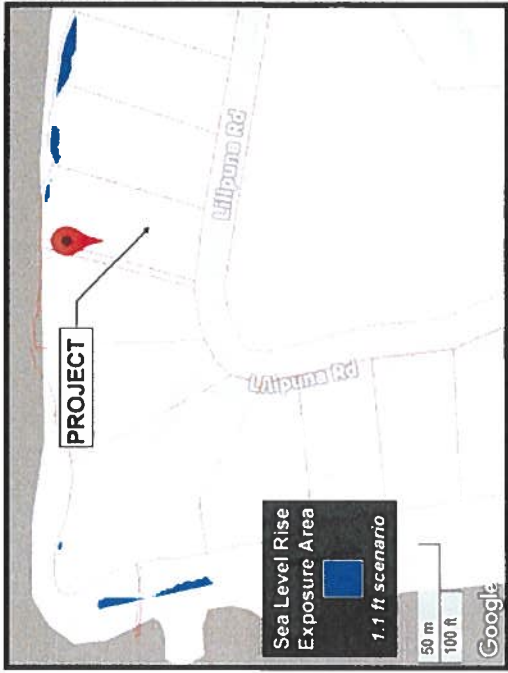
46-029 LILIPUNA ROAD- HE'EIA

January 2025



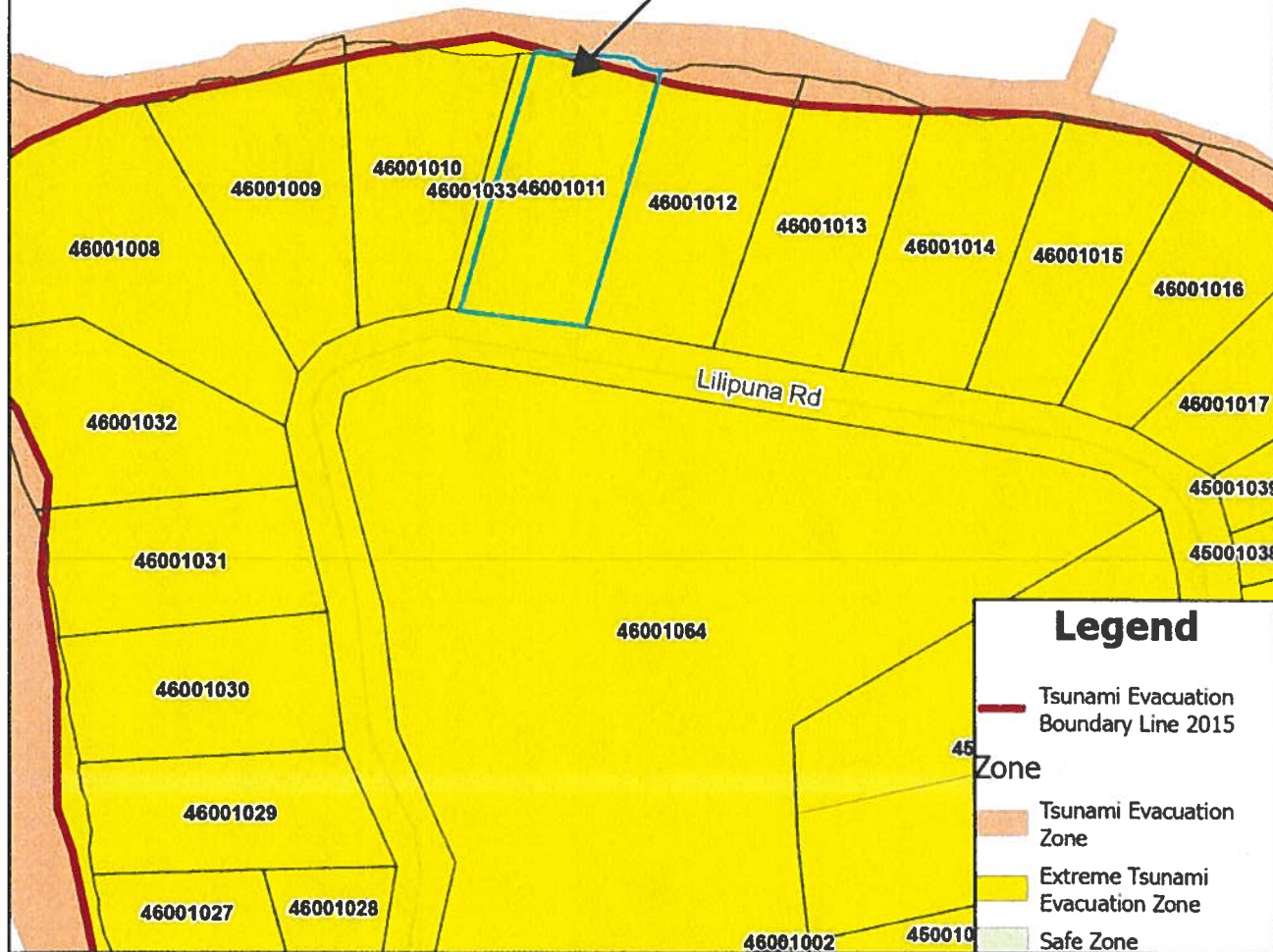
Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

EXHIBIT H



KANEOHE BAY

PROJECT SITE



Legend

- Tsunami Evacuation Boundary Line 2015
- Tsunami Evacuation Zone
- Extreme Tsunami Evacuation Zone
- Safe Zone



0 50 100 150 200
Feet

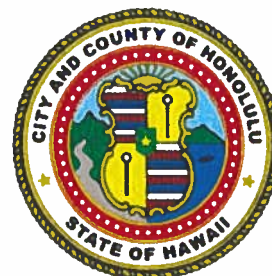
EXHIBIT I TSUNAMI EVACUATION MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

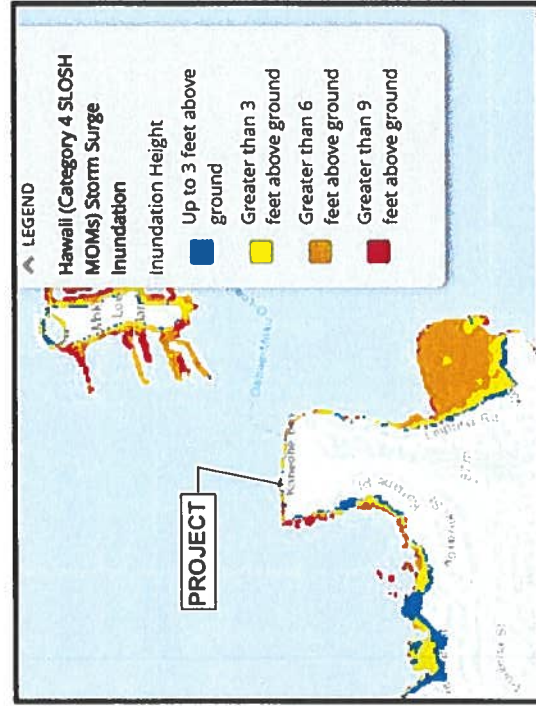
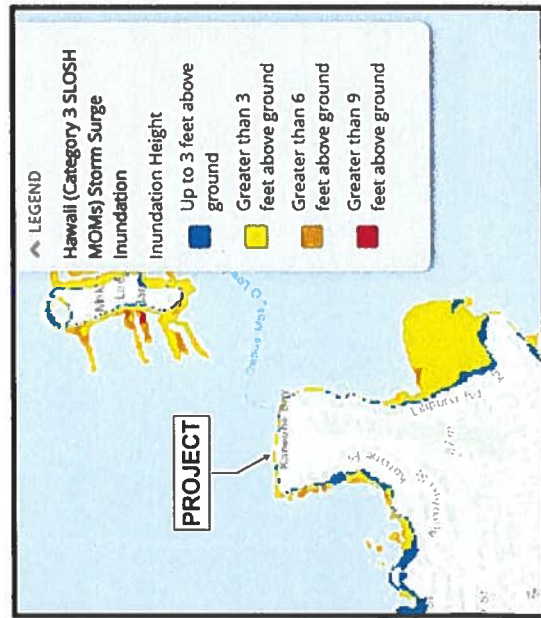
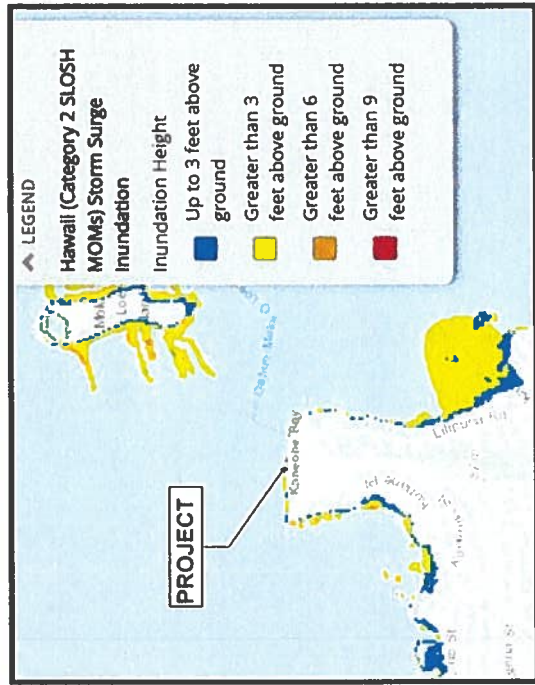
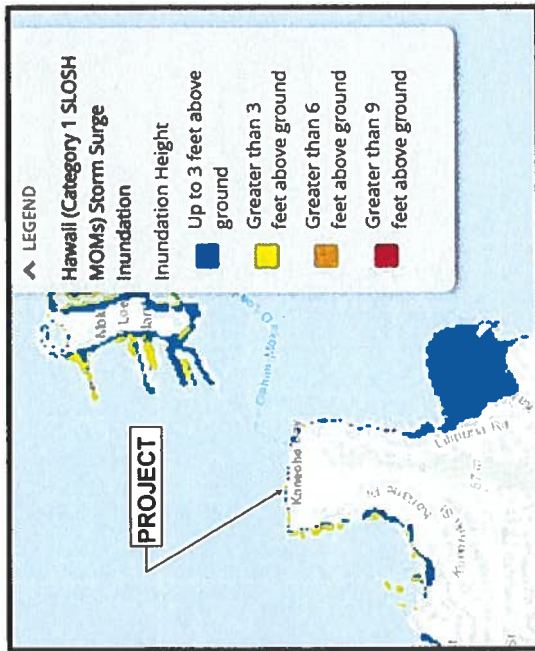
46-029 LILIPUNA ROAD- HE'EIA

January 2025

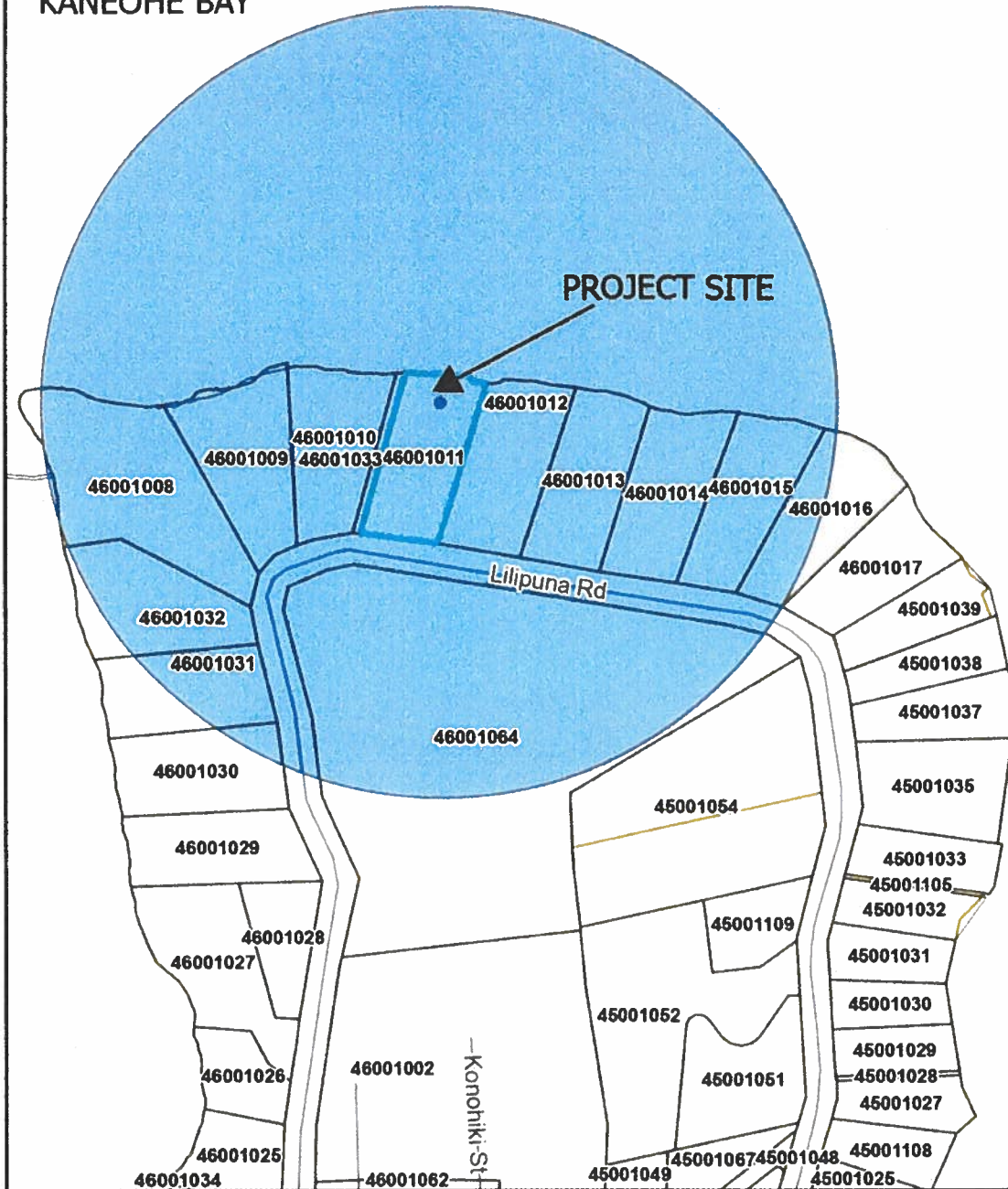


Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

EXHIBIT J



KANEOHE BAY



0 80 160 240 320
Feet

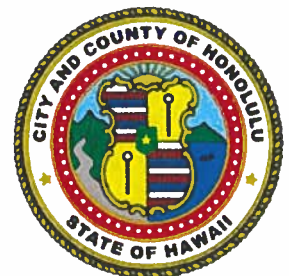
EXHIBIT K 500-FT RADIUS CUMULATIVE MAP

FILE NO. 2024/SMA-102

TAX MAP KEY 4-6-001: 011

46-029 LILIPUNA ROAD- HE'EIA

January 2025

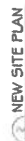


Department of Planning and Permitting
Land Use Permits Division
City and County of Honolulu

EXHIBIT C-1

[illegible]

PROJECT SETBACKS ARE APPROXIMATE
ONLY VERIFY WITH NEW SURVEY



100

CONCLUSION

NAME	DATE
TIME	

DATE PLAN & NOTES

May Residence
46-029 Lipuna Road
Kaneohe, HI 96744
Tel. 408-9111
Two New Single Family Dwellings
of Existing Two Single Family
Dwellings

Contemporary Island
Designs Hawaii
Architectural Design & Drafting Services
The First of Island Living
1221 Diamond Drive
Honolulu, Hawaii 96813
Tel. (808) 941-7100
Fax. (808) 941-7101

PUBLIC HEALTH, SAFETY, AND

[illegible]

SCP INSPECTION NOTES:

A. CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE PERSON IN CHARGE OF CONSTRUCTION SHALL OBTAIN THE STORM WATER INSPECTION ON THE BUILDING FRAME, AFTER INSTALLING THE CONSTRUCTION DRAIN AND VERIFYING ANY CORRECTIONS. APPROVED AS ACCORDING WITH THE APPROVED PERMITS AND SPECIFICATIONS. THE CONTRACTOR SHALL OBTAIN CONSTRUCTION PERMITS IN ORDER OF CONSTRUCTION SHALL CONTACT THE COORDINATING OFFICE ON THE BUILDING FRAME. FOR A PERMITS COORDINATING INSTRUCTION. THE EPOCH COORDINATING SHALL BE THE PERMITS COORDINATING. CHANGES TO THE STORM WATER INSPECTION SHALL BE APPROVED BY THE COORDINATING OFFICE. THE CONTRACTOR SHALL CONTACT THE COORDINATING OFFICE FOR ANY CHANGES TO THE STORM WATER INSPECTION. THE CONTRACTOR SHALL CONTACT THE COORDINATING OFFICE FOR ANY CHANGES TO THE STORM WATER INSPECTION.

RESIDENTIAL STORM WATER
MANAGEMENT NOTES FOR SINGLE-FAMILY
AND TWO-FAMILY DWELLING PROJECTS:

USE SITE DESIGN STRATEGIES TO REDUCE THE IMPERVIOUS SURFACE AREAS TO THE MAXIMUM EXTENT PRACTICAL. THE TOTAL IMPERVIOUS SURFACE AREA FOR PLOT 1 MAY NOT EXCEED 75% PER TWO SECTION

IN TOTAL IMPERVIOUS AREA = 20.4%

THERE WILL BE NO EXCAVATION OR FILL
ON THIS PROJECT:

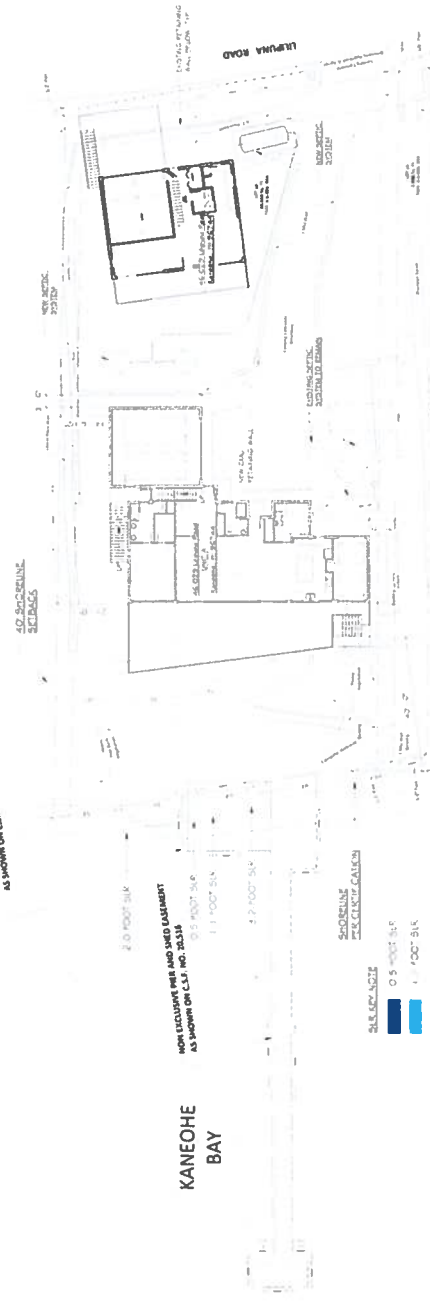
HERE WILL BE NO PUNISHMENT FOR THIS PROJECT.
 IF ANYTHING IS TO BE BROUGHT IN IT IS TO BE OF
 PURE AND CLEAR OF ANY COMPANIES OR
 THINGS.

EXHIBIT C-3

Landowner Acknowledgements:

- [illegible]

FROM EXCLUSIVE PWR AND SHED EASEMENT
NOV 20 2016

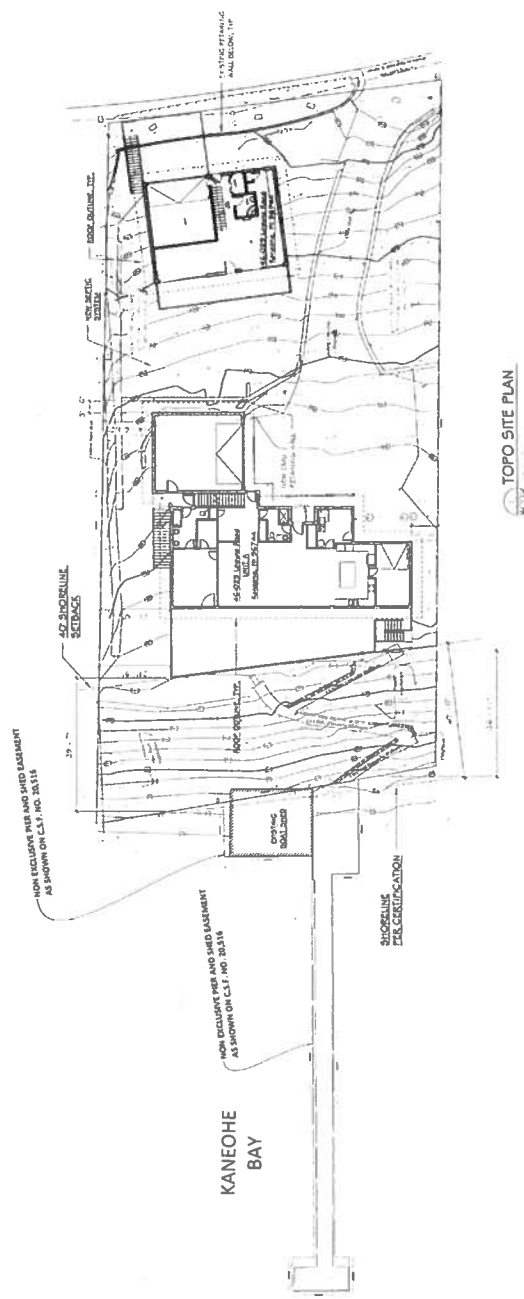


SMA NOTE:
COASTA, PLOMBO AND VERTACON IN
THEIR ADP HAS COMPLETED STUDY

MISSISSIPPI ELEMENTAL SITE PLAN

ON THIS PROJECT: THERE WILL BE NO EXCAVATION OR FILL ON THIS PROJECT (NOTE: IF ANY FILL IS TO BE SUBMITTED, IT IS TO BE OF THE SAME ORIGIN AND COMPANIES OF WAT-002150	CHAIRMAN NAME: [REDACTED] TITLE: [REDACTED]
	PLAN NAME: [REDACTED]

Graphic Scale



TOPO SITE PLAN



EXHIBIT C-5

GRAPHIC SCALE 0 5 10 15 20 FEET 0 5 10 15 20 METERS	EXTERIOR ELEVATIONS	Maj Residence 46-019 Lipuna Road Kaneohe HI 96744 TEL: 808-261-1111 Proposed Two New Single Family Dwellings In Place of Existing Two Single Family Dwellings	Architect's Seal	Contemporary Island Designs Hawaii Architectural Design & Drafting Services The Best of Island Living 1111 E. Kalia Ave., Suite 100 Honolulu, HI 96813 Phone: 808-944-1111 Lead: www.contemporaryisland.com
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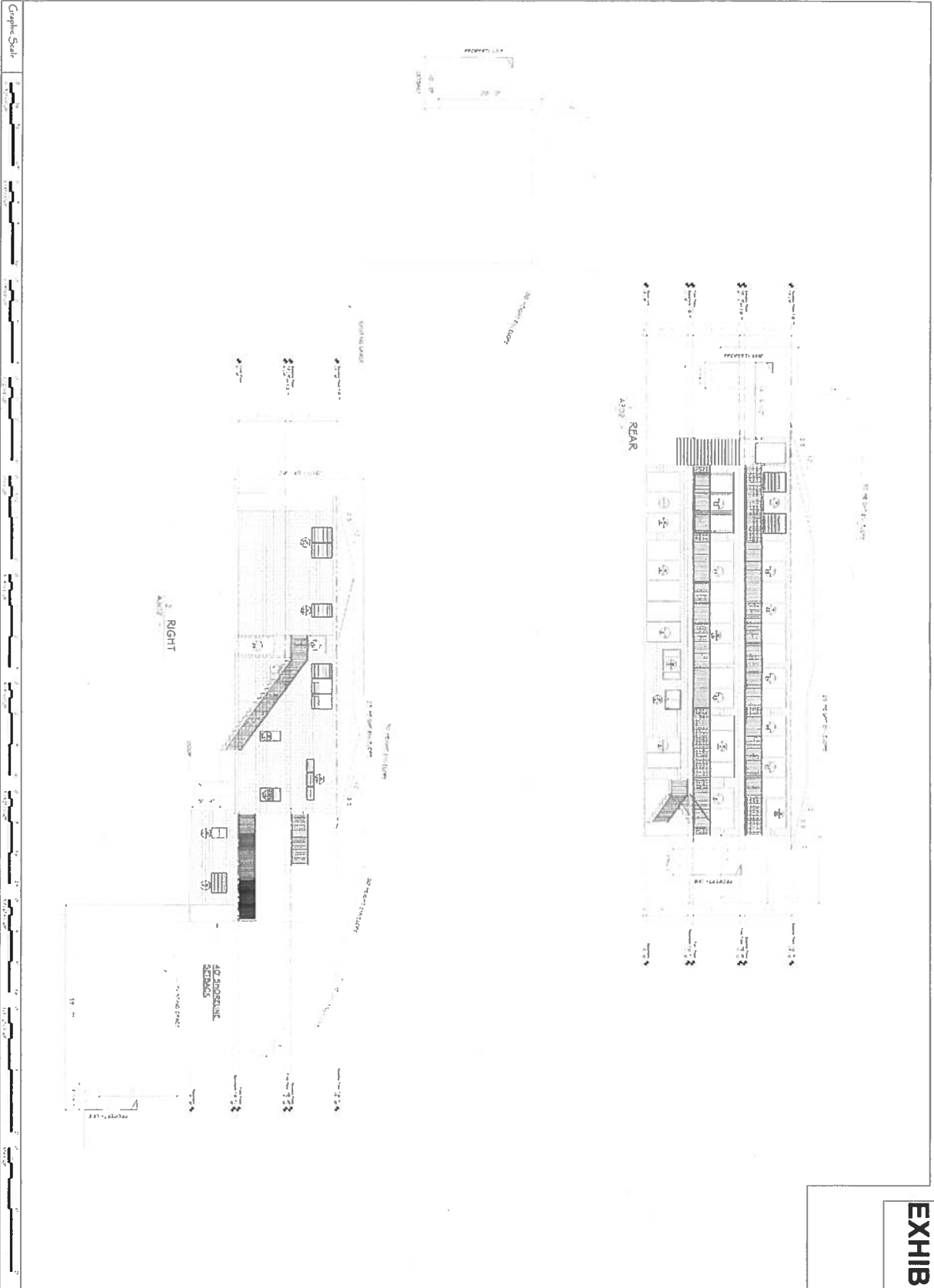
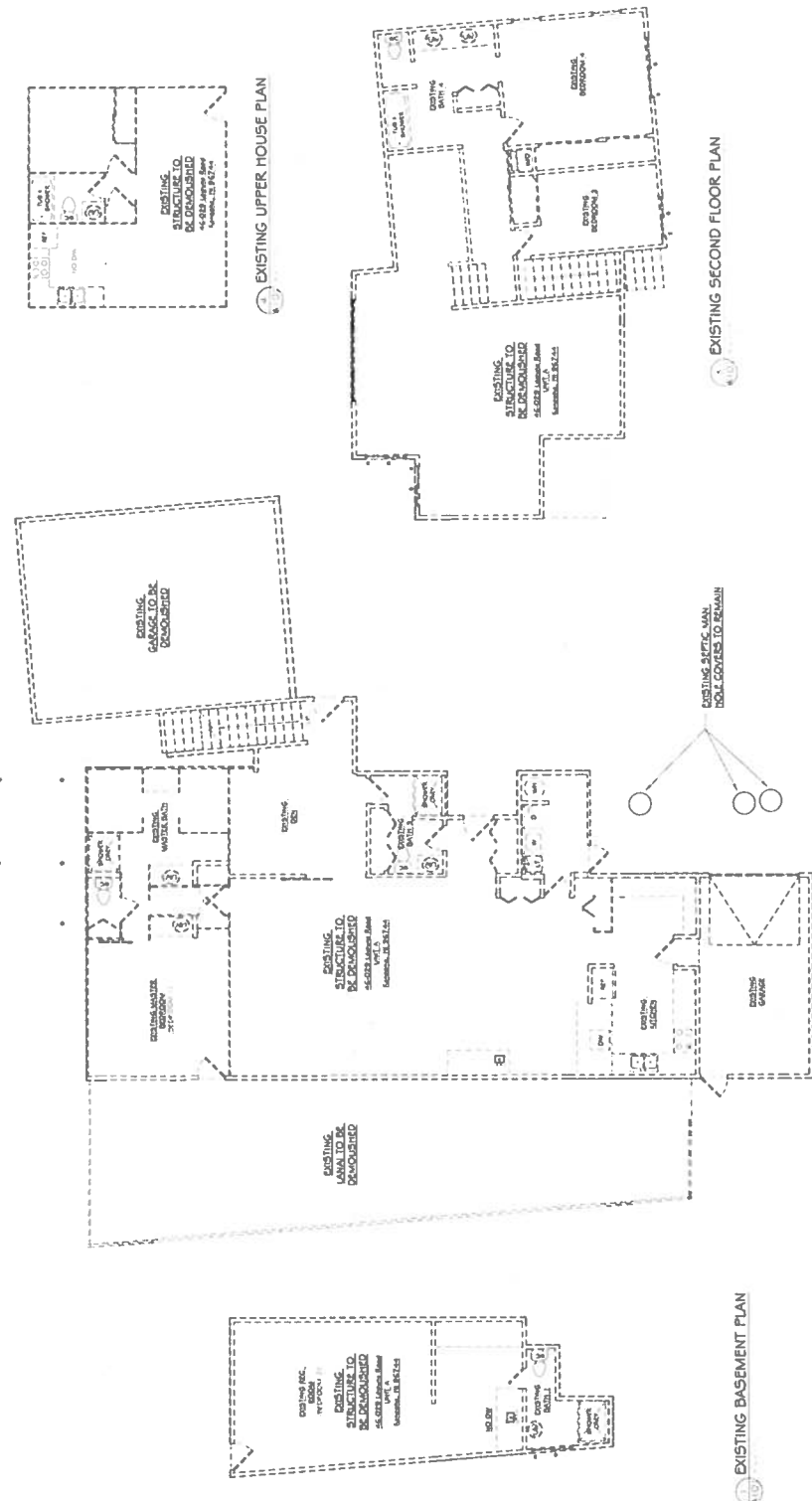


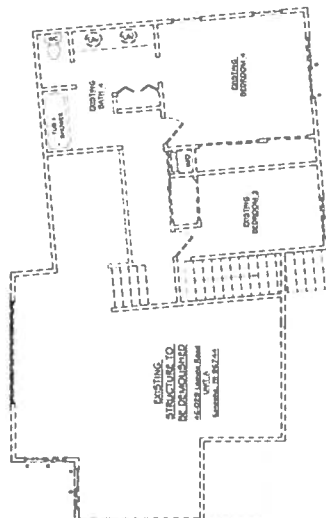
EXHIBIT C-6

A302 SHEET OF 6	PERMANENT DATE: 10/10/2011 INSTRUMENTED	EXTERIOR ELEVATIONS	Maj Residence 46-019A Lapuna Road Kaneohe, HI 96744 TEL: 808-261-0111 Proposed Two New Single Family Dwellings In Place of Existing Two Single Family Dwellings	Notes: 1. The owner is responsible for obtaining all necessary permits and approvals from the local authorities. 2. The owner is responsible for providing all necessary information and documents to the architect. 3. The architect is responsible for providing all necessary design and construction documents to the owner. 4. The architect is responsible for coordinating with all other professionals involved in the project. 5. The architect is responsible for maintaining accurate records of all project communications and decisions.	Contemporary Island Designs Hawaii Architectural Design & Drafting Services 1111 Kalia Road, Suite 100 Honolulu, HI 96813 Tel: 808-941-1111 Fax: 808-941-1112 Email: info@contemporaryislanddesigns.com
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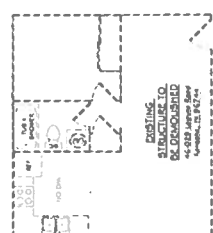
EXISTING FIRST FLOOR PLAN



EXISTING SECOND FLOOR PLAN



EXISTING UPPER HOUSE PLAN



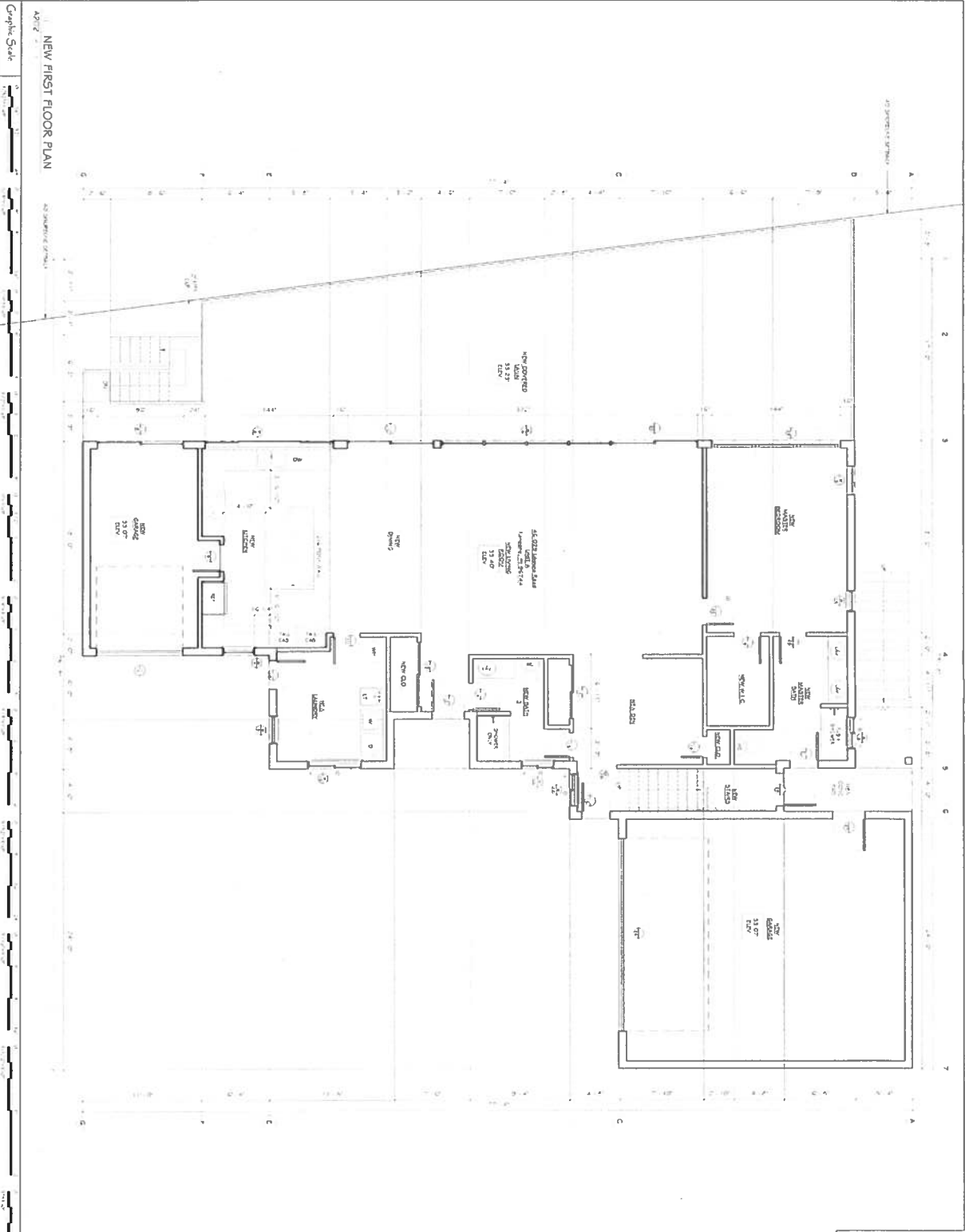
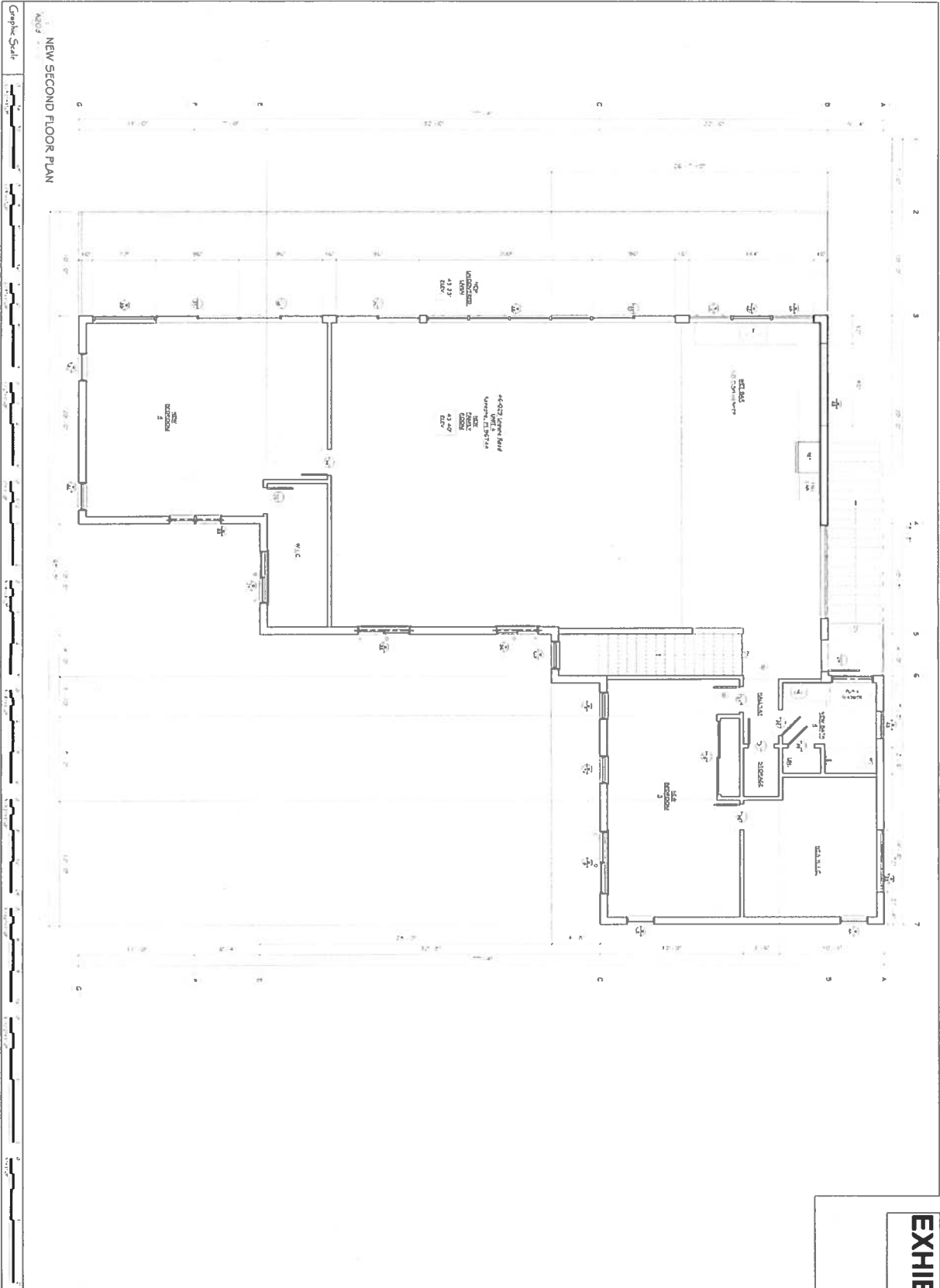


EXHIBIT C-9

A202 SHEET OF 6	INCHES	NEW FIRST FLOOR PLAN	Maj Residence 46-019 Lipuna Road Kaneohe, HI 96744 TINA, ARCHITECT Proposed Two New Single Family Dwellings In Place of Existing Two Single Family Dwellings	THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS DRAWING. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN ON THIS DRAWING. THE ARCHITECT DOES NOT GUARANTEE THE ACCURACY OF ANY INFORMATION PROVIDED BY OTHERS. THE ARCHITECT'S DESIGN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT. THE ARCHITECT DOES NOT GUARANTEE THE ACCURACY OF ANY INFORMATION PROVIDED BY OTHERS. THE ARCHITECT'S DESIGN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT.	Contemporary Island Designs Hawaii Architectural Design & Drafting Services The Best of Island Living 11111 Kalia Road, Suite 200 Honolulu, Hawaii 96811 Phone: 808-955-1111 Fax: 808-955-1112 Email: info@contemporaryisland.com
	DATE: 05/14/2014	FILE: 05/14/2014			
	DATE: 05/14/2014	FILE: 05/14/2014			
	DATE: 05/14/2014	FILE: 05/14/2014			



NEW SECOND FLOOR PLAN A203 DATE: 03/23/2019 09:00 AM DRAWN BY: MHL	NEW SECOND FLOOR PLAN	Maj Residence 16-029 Lipuna Road Kaneohe, HI 96744 PROJ: 16-029 Proposed Two New Single Family Dwellings In Place of Existing Two Single Family Dwellings	16-029 Lipuna Road Kaneohe, HI 96744 PROJ: 16-029	Contemporary Island Designs Hawaii Architectural Design & Drafting Services The Best of Island Living 11111 Kalia Road, Suite 100 Honolulu, Hawaii 96811 Phone: (808) 943-1111 Lead: Michael J. Jorgensen
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EXHIBIT C-10

May Residence
46-029 Laspura Road
Kanookh, H 11 96744
TAN. + 9-001 211
Proposed Two New Single Family Dwellings
In Place of Existing Two Single Family
Dwellings

Contemporary Island
Designs Hawaii
Architectural Design & Drafting Services
1400 Kalia Road, Suite 100
Honolulu, HI 96813
(808) 941-1111

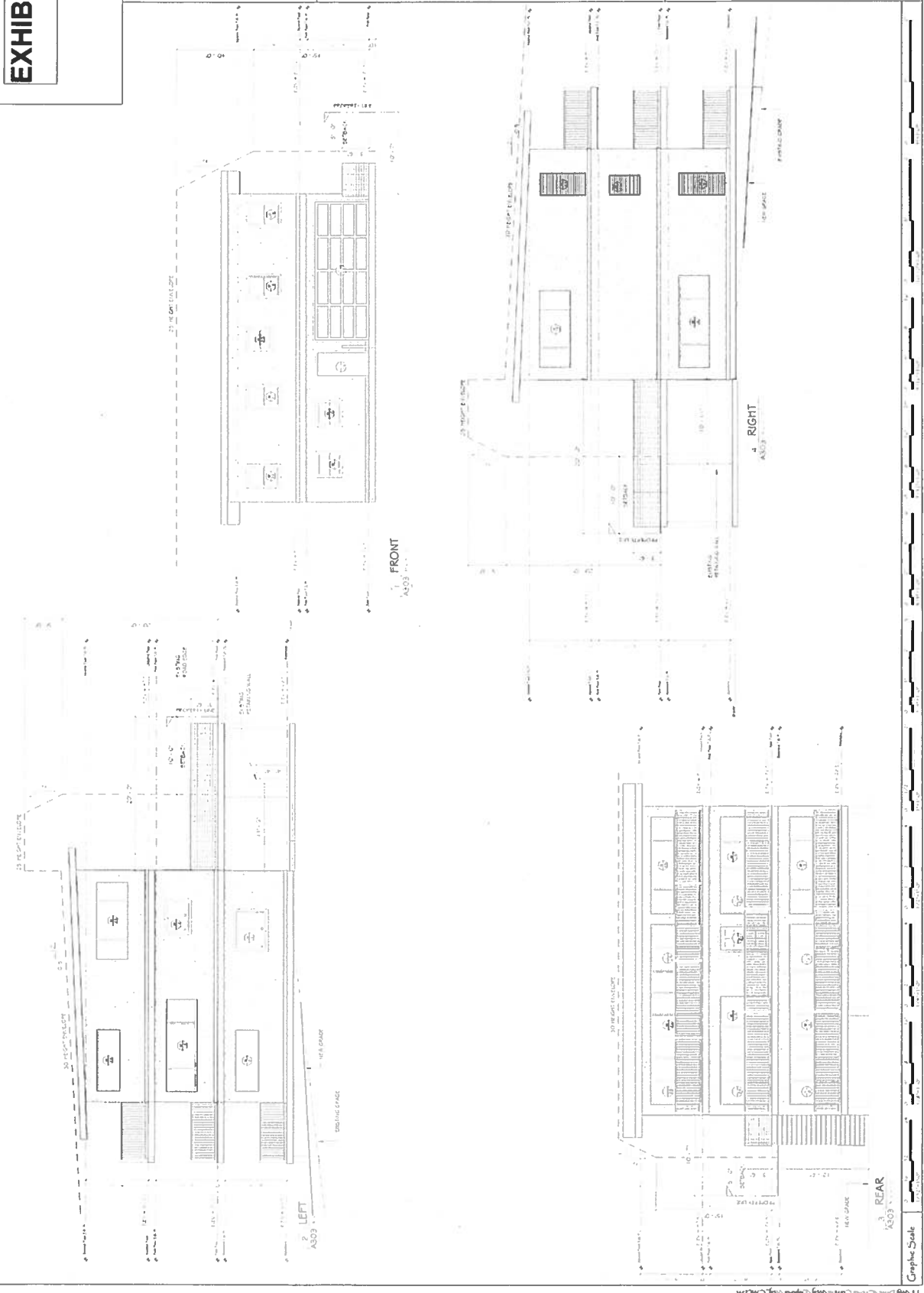
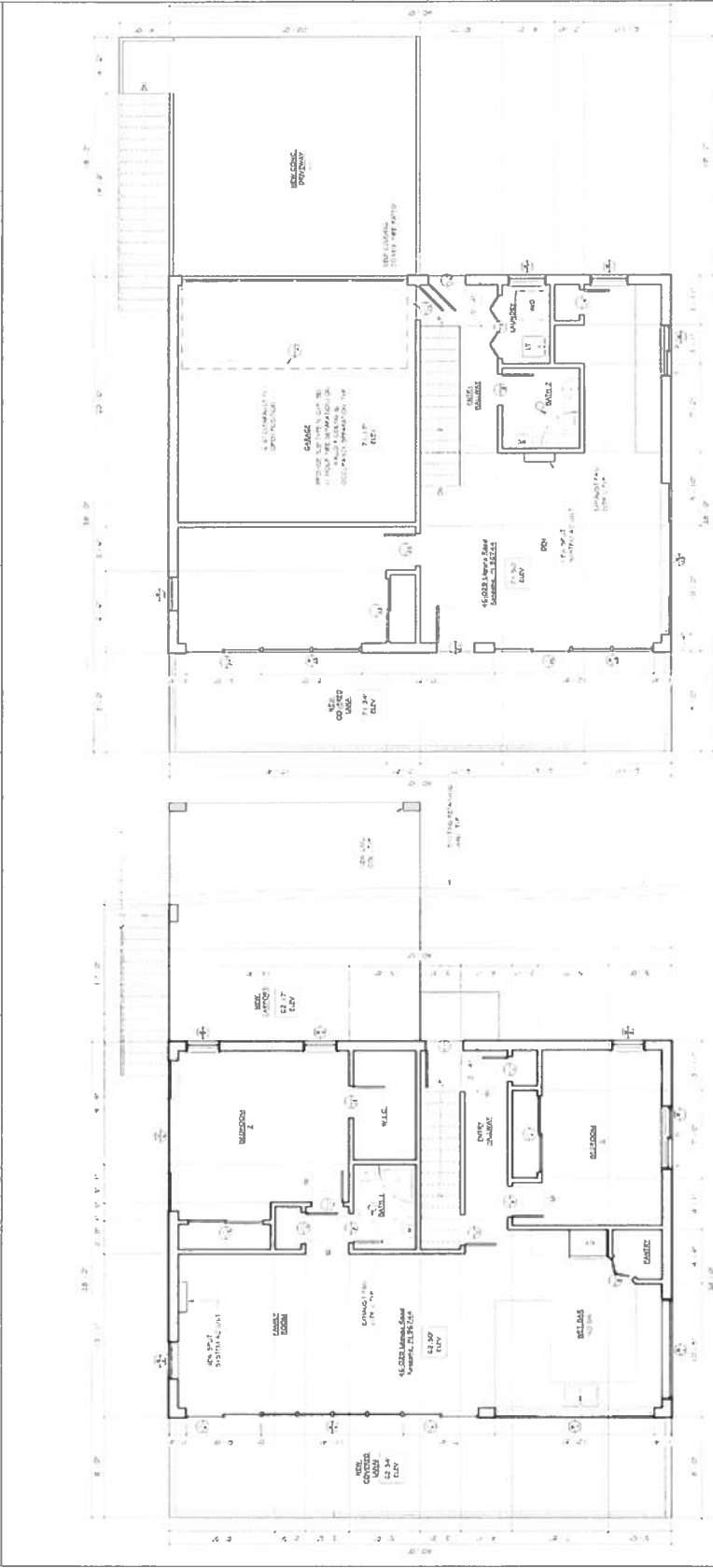


EXHIBIT C-11



NEW SECOND FLOOR PLAN

NEW FIRST FLOOR PLAN



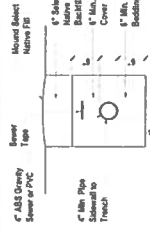
Graphic Scale

Graphic Scale

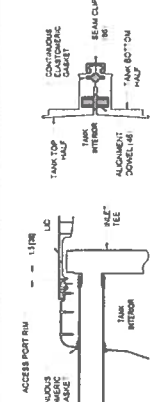
NEW THIRD FLOOR DOOR
SCHEDULE & WINDOW
SCHEDULE

A205

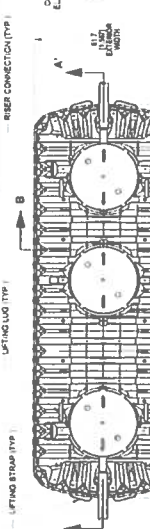
EXHIBIT C-14



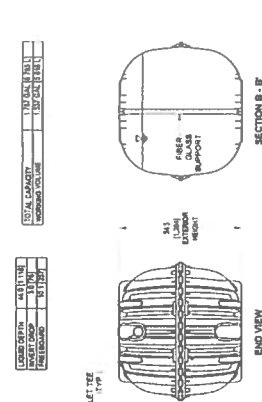
1 Gravity Sewer Trench Detail
Scale: NTS



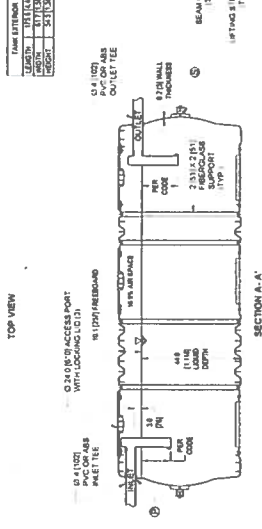
2 Mid-Height Section Detail
Scale: NTS



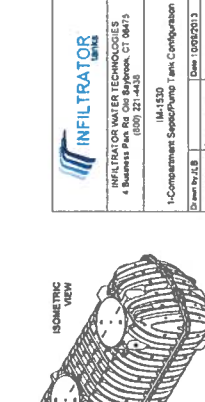
3 Pipe Penetration Section Detail
Scale: NTS



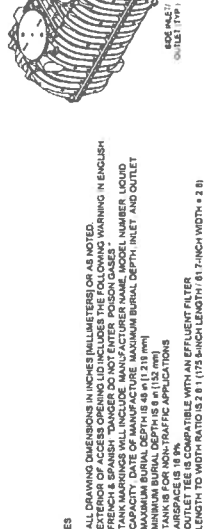
4 End View
Scale: NTS



5 Section A-A
Scale: NTS



6 Isometric View
Scale: NTS

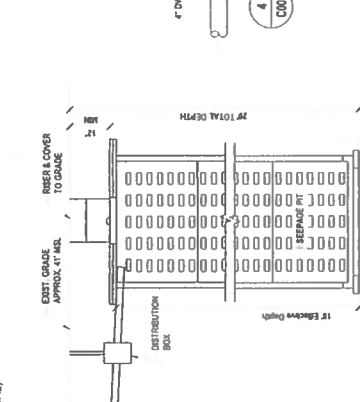


7 Section B-B
Scale: NTS

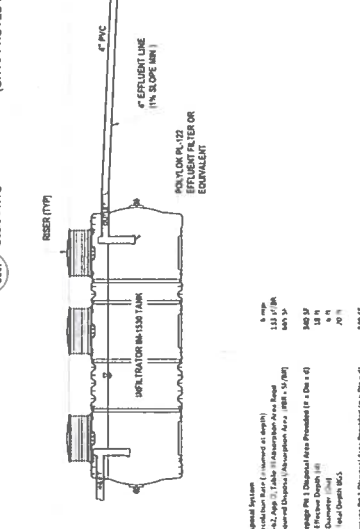
NOTES:
1. ALL DRAWING DIMENSIONS IN INCHES (MILLIMETERS) OR AS NOTED.
2. EXTERIOR OF ACCESS OPENING INCLUDES THE FOLLOWING WARNING IN ENGLISH:
FRENCH & SPANISH "DANGER DO NOT ENTER" POSSIBLE GASES, HAZARDOUS LIQUID
CAPACITY, DATE OF MANUFACTURE, MAXIMUM BURIAL DEPTH, INLET AND OUTLET
3. MAXIMUM BURIAL DEPTH: 18' (5.49 m) (21' (6.40 m))
4. TANK IS FOR NON-TRAFFIC APPLICATIONS
5. AIRSPACE IS 18 IN.
6. LENGTH TO WIDTH RATIO IS 2.0 (1.75 INCH LENGTH / 8.75 INCH WIDTH x 2.0)
7. LENGTH TO WIDTH RATIO IS 2.0 (1.75 INCH LENGTH / 8.75 INCH WIDTH x 2.0)

1 1,500 GAL. INFILTRATOR IM-1530 TANK
(OR APPROVED EQUAL)
Scale: NTS

2 SEEPAGE PIT DETAIL
Scale: Not to Scale



8 System Profile
Scale: Not to Scale

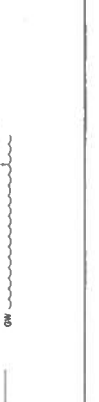


9 Cleanout To Grade
Scale: NTS

NOTES:
1. CONTRACTOR TO NOTIFY ENGINEER TO VERIFY
INSTALLATION DATE OF 6 MPH BEFORE INSTALLING
RINGS.
2. NOTIFY ENGINEER OF UNUSUAL CONDITIONS
FOUND DURING EXCAVATION THAT COULD IMPACT
PERFORMANCE OF SEEPAGE PIT.

4 1,500 GAL. INFILTRATOR IM-1530 TANK
(OR APPROVED EQUAL)
Scale: NTS

5 SEEPAGE PIT DETAIL
Scale: Not to Scale



10 Seepage Pit Detail
Scale: Not to Scale

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Civil Engineer, Designer, Planner
1000 W. Main Street, Suite 100
Orem, UT 84057
801.225.1111
www.acsi-engineers.com

LUKE MAJ RESIDENCE IWS
45-029 A LILIPUNA ROAD, KAAHELA, HAWAII 96744
T.M. (1) 4-6-001 011
DETAILS FOR NEW SEPTIC SYSTEM

4/17/2014
TCS
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C007
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