HONOLULU CITY COUNCIL

KE KANIHELA O KE KALANA O HONOLULU

CITY AND COUNTY OF HONOLULU

No. 24-258

RESOLUTION

GRANTING A SPECIAL MANAGEMENT AREA MAJOR PERMIT TO ALLOW FOR THE CONSTRUCTION OF A NEW SINGLE-FAMILY DWELLING WITH AN ATTACHED GARAGE, SWIMMING POOL, AND ACCESSORY DWELLING UNIT ("ADU") IN MĀKAHA, O'AHU.

WHEREAS, on July 15, 2024, the Department of Planning and Permitting ("DPP") accepted the application (File No. 2024/SMA-83) of Kim Yen Cook and Raymond W. Cook Trust (the "Applicant") for a Special Management Area ("SMA") Major Permit to allow for the construction of a new two-story, single-family detached dwelling with a principal dwelling unit and an ADU, an attached garage, a gated driveway, and a swimming pool, and on approximately 12,176 square (sq.) feet (ft.) of land zoned R-10 Residential District, located at 84-939 Farrington Highway in Mākaha, and identified as Tax Map Key 8-4-004:020 (the "Project"); and

WHEREAS, on September 6, 2024, the DPP held a public hearing at the Fasi Municipal Building 6th Floor Conference Room with four agenda items, which was attended by the Applicant's Agent, DPP staff, and a few members of the public; one person offered verbal testimony and no written testimony was submitted; and

WHEREAS, on October 15, 2024, within 45 calendar days after the close of the public hearing, the DPP, having duly considered all evidence and the objectives, policies, and guidelines, as established in §§ 25-3.1 and 25-4.1 Revised Ordinances of Honolulu 2021 ("ROH") and §§ 205A-2 and 205A-26 Hawai'i Revised Statutes ("HRS"), 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 10/16/2024, by Departmental Communication 740 (2024), and having duly considered all of the findings and reports on the matter, desires to approve the subject application for an SMA Major Permit, subject to the conditions enumerated below; now, therefore,

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

A. Except as modified herein, 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, C1 through C9, D1 and D2, and E through L, attached hereto and incorporated by reference herein. 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 Chapter 205A, or both, will require a new application and SMA Major Permit. 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 DPP Director.

B. To accurately delineate the Project site boundaries and accurately determine whether the Project complies with the Land Use Ordinance ("LUO") development standards, the Project plans, including the attached Exhibits and the calculations required by the LUO, must be updated to remove 3,412 sq. ft. of the Project lot area that has been lost to erosion and is now within the State Land Use Conservation District, as shown on the Certified Shoreline Survey dated March 29, 2024. All calculations relating to building area, floor area, and impervious surface area must be based on the Project lot area that remains in the State Land Use Urban District.

C. To account for the potential shift of land from the State of Hawai'i ("State") Land Use Urban District to the State Land Use Conservation District due to anticipated coastal erosion, the landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) the following:

> "*In choosing to implement construction activities at Tax Map Key 8-4-004: 020, the Landowner hereby acknowledges 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 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 land owner shall hold harmless and indemnify the City of any responsibility that may result from adverse impacts associated with sea level rise and coastal erosion.*"

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

RESOLUTION

D. 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 (and any successor owner or interested party is hereby notified of) the following:

> *"In choosing to undertake the development at Tax Map Key 8-4-004: 020, the landowner hereby acknowledges 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 new shoreline protection structure."*

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

E. To minimize the potential for adverse impacts related to coastal hazards, including but not limited to sea level rise, coastal erosion, flooding, wave action, and storm surge, prior to the issuance of any construction permit or building permit for the Project, the landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) the following:

1. *The landowner hereby acknowledges that Tax Map Key 8-4-004:020 is susceptible to coastal hazards, which may result in harm to or loss of life and property.*

2. *The landowner hereby acknowledges that portions of Tax Map Key 8-4-004:020 are projected to be impacted by 3.2 feet of sea level rise by the year 2100. The landowner agrees to assume all risk and liability for any harm to or loss of life and property due to development within the SLR-XA. 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 building permit plans.

RESOLUTION

F. To ensure the Applicant is aware that bed and breakfast homes and transient vacation units are not allowed on the Project site, the landowner hereby acknowledges (and any successor owner or interested party is hereby notified of) the following:

> *"The landowner hereby acknowledges that bed and breakfast homes and transient vacation units, as those terms are defined in ROH Chapter 21, the Land Use Ordinance, are not allowed on Tax Map Key 8-4-004:020."*

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

G. To preserve underlying beach sands and coastal dunes, all landscaped areas, landscaping, and irrigation must be contained and maintained within the property boundaries of the shoreline lot of origin.

1. Landscaping may not be planted, watered, or maintained so that it acts as a shoreline barrier, such as by planting naupaka, particularly if the landscaping alters or interferes with the natural beach processes;

2. Landscaping may not extend seaward of the shoreline as depicted in the current certified shoreline survey for the shoreline lot, or in the event there is no current certified shoreline survey for the lot, seaward of the shoreline as defined in HRS Chapter 205A;

3. Landscaping may not extend into any adjoining beach access right-of-way, public or private;

4. Landscaping between the dwelling and the shoreline must be limited to vegetation that is naturally hardy or endemic in the dune or shoreline area; and

5. The Project's irrigation system must be designed so that water does not traverse seaward of the shoreline as depicted in the current certified shoreline survey for the shoreline lot, or in the event there is no current certified shoreline survey for the lot, seaward of the shoreline as defined in HRS Chapter 205A.

The requirements enumerated in this condition must be clearly stated under "Environmental Notes" on all Project construction permit plans and building permit plans.

H. To minimize impacts to known and unknown archaeological, historic, and cultural resources that may be present at the Project site, the Applicant shall comply with the following measures:

1. Prior to the issuance of any construction permit or building permit for the Project, the Applicant shall submit to the State Historic Preservation Division ("SHPD") an Archaeological Monitoring Plan meeting the requirements of Hawaii Administrative Rules § 13-279-4, and submit to the DPP a copy of its acceptance from the SHPD; and

2. 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 SHPD immediately. Work in the immediate area must be stopped until SHPD is able to assess the impact and make further recommendations for mitigative activity.

The requirements enumerated in this condition, and all mitigation protocols recommended by SHPD, must be clearly stated under "Environmental Notes" on all Project construction permit plans and building permit plans.

I. To minimize impacts to endangered, protected, or threatened 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/lamps must not exceed a color temperature of 3,000 degrees kelvin;

2. Artificial light from exterior lighting fixtures on the zoning lot, 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 § 205A-71(b);

3. Exterior lighting fixtures on the Project site 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);

5. Barbless fencing must be used for all fence construction to avoid the entanglement of Hawaiian hoary bats;

6. Woody plants greater than 15 ft. in height may not be disturbed, removed, or trimmed during the Hawaiian hoary bat birthing and pup rearing season (June 1 through September 15); and

7. All Project-related activities must cease if a Hawaiian monk seal, Green Sea Turtle, or Hawksbill Turtle is on land within 150 ft. of the work area, or as recommended by State or Federal regulations. Project activities may only recommence after the animal voluntarily leaves the area. If a monk seal pup is present, a 300-ft. buffer must be observed. Any Project-related debris that may pose an entanglement threat to monk seals or turtles must be removed from the work area at the end of each day and at the conclusion of Project-related activities.

The requirements enumerated in this condition must be clearly stated under "Environmental Notes" on all Project construction permit plans and building permit plans.

J. To minimize the spread of invasive pathogens, pests, or plants that may harm native species and ecosystems, the Applicant is responsible for the following:

1. The Applicant shall minimize the importation of fill material to the extent possible. The Applicant proposes to import approximately 20 cubic yards of landscaping soil. No importation of structural fill material is proposed.

2. The Applicant shall minimize the movement of plant or soil material on the Project site, and all Project construction equipment, materials, and personnel must be cleaned of excess soil and debris prior to entering and leaving a Project worksite, in accordance with the current recommendations from the O'ahu Invasive Species Committee ("OISC").

3. Prior to the commencement of any ground-disturbing or construction activities, and upon the arrival of any new workers to the Project site, a copy of the most recently updated OISC "Decontamination Protocols for Prevention of Invasive Species" ("Protocols") must be distributed to all workers who will be present at the site, or the Protocols must be posted at the Project site in a visible location accessible to all Project workers, including delivery and haul-out contractors, or both the distribution and posting of the Protocols is required. All onsite Project workers must be instructed to review the species photos and all Protocols prior to commencing any ground-disturbing or construction activities.

4. If, at any time, species on the OISC invasive species target list website at https://www.oahuisc.org/current-targets/, or any successor website or list provided by the OISC, are discovered on the Project site, the Applicant shall immediately contact the OISC to report the discovery. The current email address and phone number for the OISC must be visibly posted at the Project site during pre-construction and construction activities. The Applicant shall implement any measures recommended by the OISC and any responsible federal or State agency charged with the eradication and management of invasive species.

The requirements enumerated in this condition must be clearly stated under "Environmental Notes" on all Project construction permit plans and building permit plans.

K. Permits.

1. Building permits for the Project must be issued no later than June 30, 2025. If the Project's building permits are not issued by June 30, 2025, the Project must comply with the shoreline setback required under ROH Chapter 26 effective as of July 1, 2024. The shoreline setback must be shown on the building permit plans.

2. Prior to issuance of any Project construction permit or building permit, the Applicant shall obtain a Conditional Use Permit for the joint development of Lots 24 and 201 and record the agreement with the State, or the Applicant shall obtain approval of a subdivision action to consolidate the lots. The Applicant must submit evidence of the recorded agreement or lot consolidation to the DPP's Land Use Approval Branch.

3. The Applicant must obtain a construction permit or building permit for the Project within 36 months after the effective date of this SMA Major Permit. Failure to obtain a construction permit or building permit 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 the Council.

   b. If the Applicant demonstrates good cause for an extension exceeding one year, the DPP Director shall prepare and submit to the Council a report on the proposed extension, which must include the DPP Director's findings and recommendations thereon. The Council may approve the proposed extension or an 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. 60 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.

L. Approval of this SMA Major Permit does not constitute compliance with other City ordinances, including but not limited to the LUO and building and construction codes, or other governmental requirements, including but not limited to LUO-related approvals, and building, grading, and grubbing permit approvals, which are subject to separate review and approval. The Applicant is 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; and

HONOLULU CITY COUNCIL

KE KANIHELA O KE KALANA O HONOLULU

CITY AND COUNTY OF HONOLULU

No. 24-258

RESOLUTION

BE IT FINALLY RESOLVED by the Council of the City and County of Honolulu that copies of this Resolution be transmitted to Kim Yen Cook and Raymond R. Cook Trust, c/o WHALE Environmental Services, Inc., P.O. Box 455, Kahuku, Hawai'i 96731; Dawn Takeuchi Apuna, Director of the Department 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:

Tony Weller (br)

DATE OF INTRODUCTION:

OCT 16 2024

Honolulu, Hawai'i

Councilmembers

DPP24SMA83

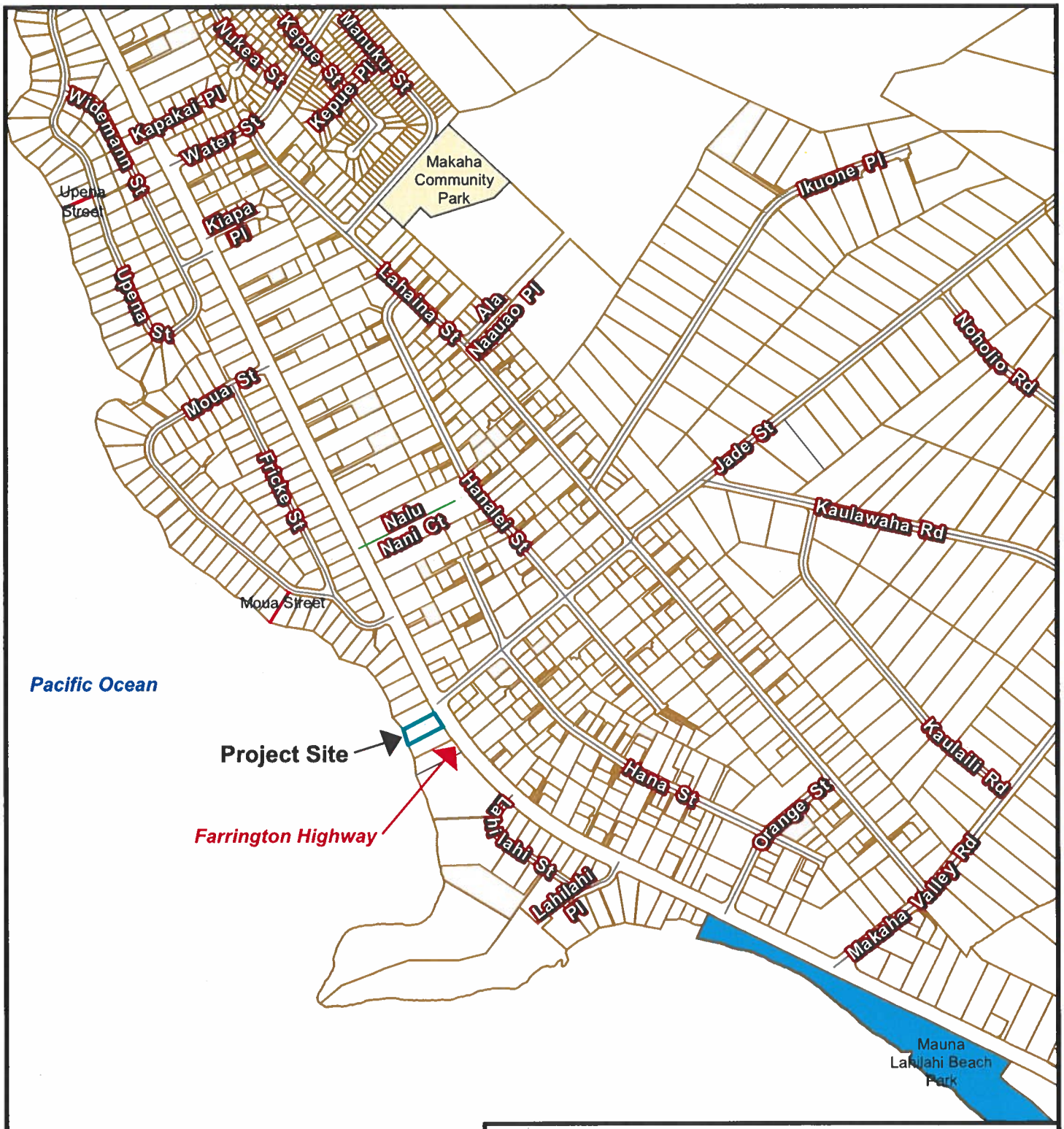


EXHIBIT A - PROJECT LOCATION
SMA Major Permit No. 2024/SMA-83
Cook Single-Family Dwelling and ADU
84-939 Farrington Highway
TMK 8-4-004: 020

0 355 710 1,420

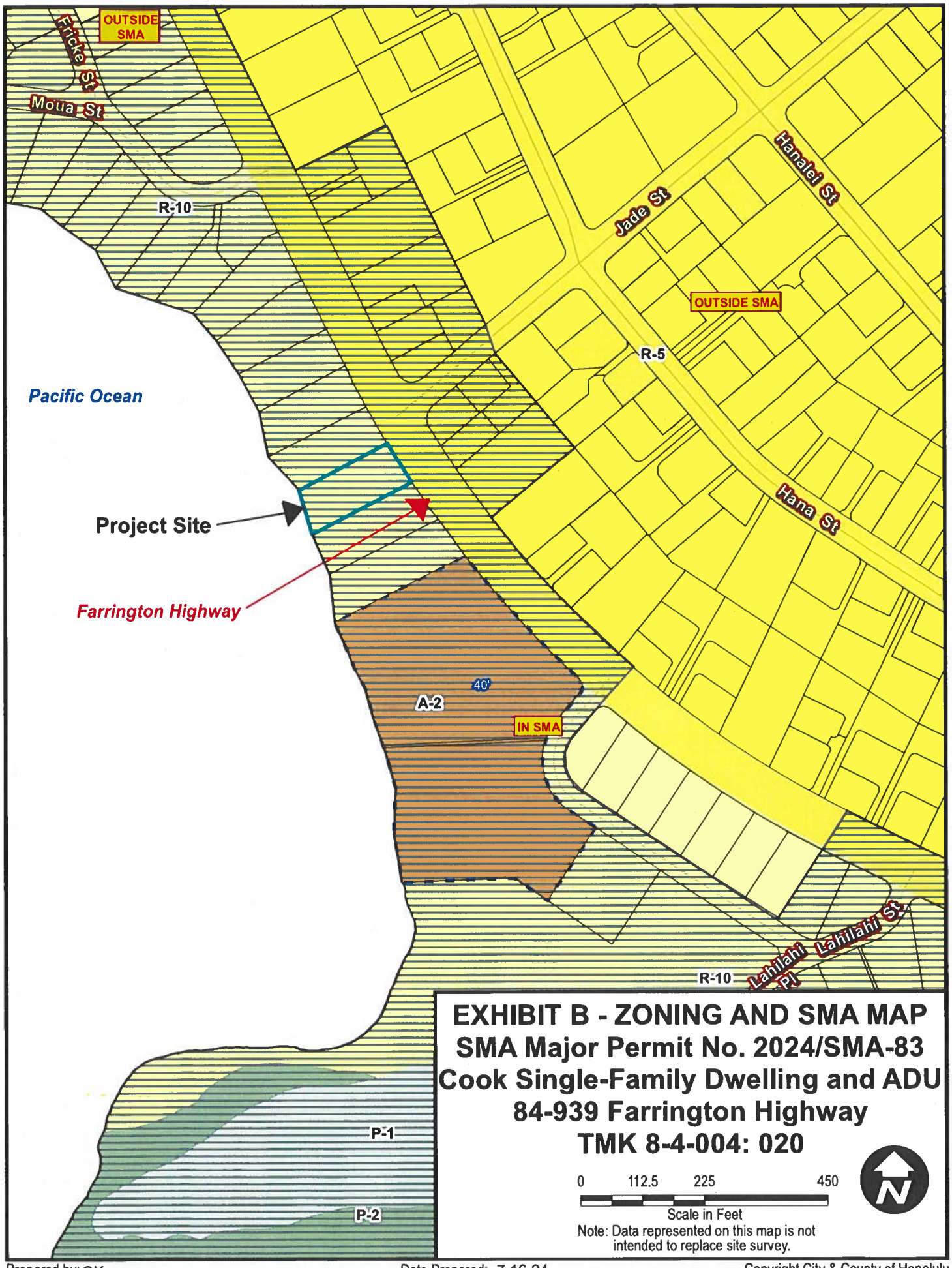
Scale in Feet

Note: Data represented on this map is not intended to replace site survey.

Prepared by: CK

Date Prepared: 7.16.24

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Prepared by: CK

Date Prepared: 7.16.24

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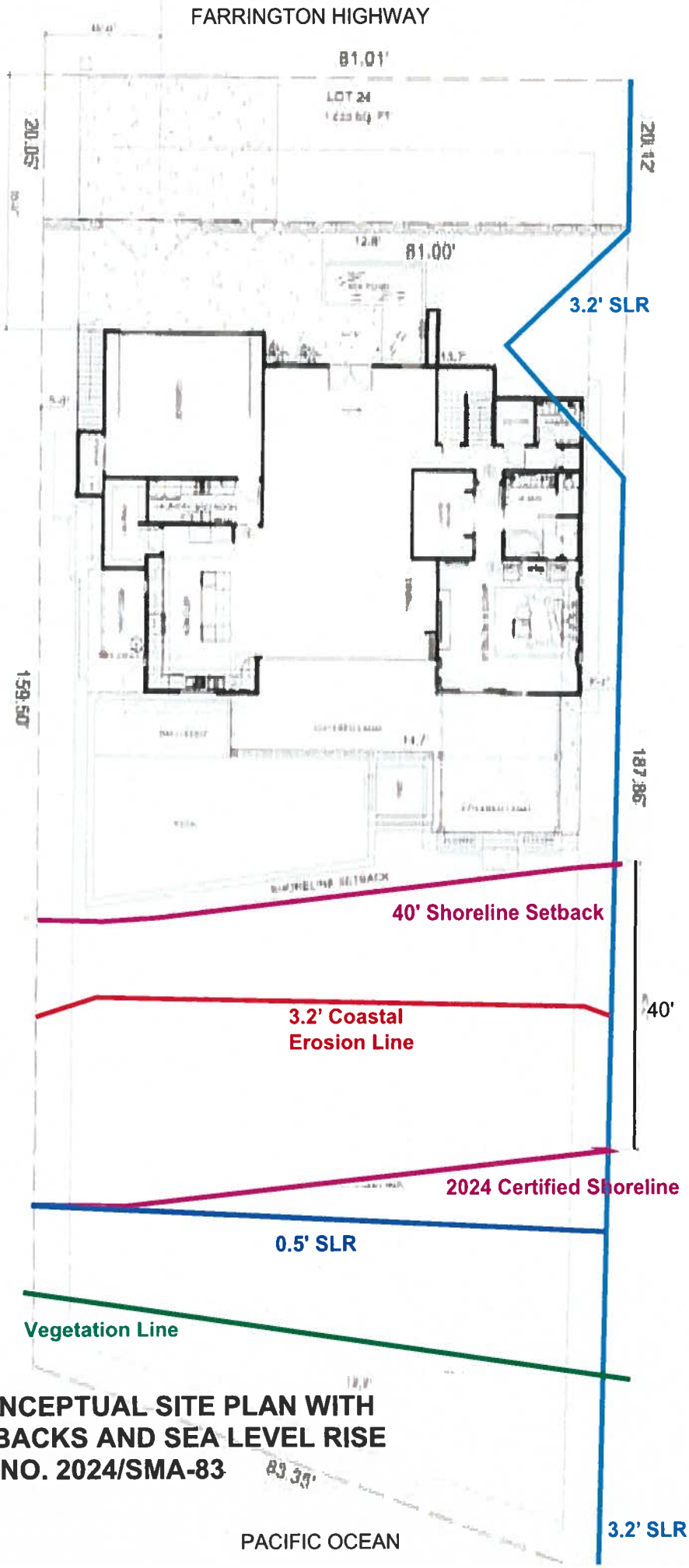


EXHIBIT C1 - CONCEPTUAL SITE PLAN WITH SHORELINE SETBACKS AND SEA LEVEL RISE
FILE NO. 2024/SMA-83

WINDBORNE DEBRIS PROTECTION

SECTION 301.2.1.2 PROTECTION OF OPENINGS
WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS MUST HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS MUST MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996 AND OF ASTM E 1886 REFERENCE THEREIN.

EXCEPTIONS
1 WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16 INCH (11MM) AND A MAXIMUM PANEL SPAN OF 8 FEET (2,438 MM) ARE PERMITTED FOR OPENING PROTECTION IN ONE- AND TWO-STORY BUILDINGS CLASSIFIED AS GROUP R-3 OR R-4 OCCUPANCY. PANELS MUST BE PRECUT SO THAT THEY ARE ATTACHED TO THE FRAMING SURROUNDING THE OPENING CONTAINING THE PRODUCT WITH THE GLAZED OPENING. PANELS MUST BE PREDRILLED AS REQUIRED FOR THE ANCHORAGE METHOD AND WILL BE SECURED WITH THE ATTACHMENT HARDWARE PROVIDED AND ANCHORS PERMANENTLY INSTALLED ON THE BUILDING. ATTACHMENT IN ACCORDANCE WITH TABLE R301.2.1.2 WITH CORROSION-RESISTANT ATTACHMENT HARDWARE PROVIDED AND ANCHORS PERMANENTLY INSTALLED ON TH BUILDING IS PERMITTED FOR BUILDINGS WITH A MEAN ROOF HEIGHT OF 33 FEET (10, 058 MM) OR LESS, WHERE EFFECTIVE ULTIMATE DESIGN WIND SPEEDS, V EFF-ULT DO NOT EXCEED 175 MPH (78 2/3).
2 GLAZING IN ACCESSORY STRUCTURES TO THE SINGLE FAMILY DWELLINGS INCLUDING BUT NOT LIMITED TO GREENHOUSES AND MINOR STORAGE SHEDS.
3 PARTIALLY ENCLOSED OCCUPANCY R-3 BUILDING ARE PERMITTED TO BE DESIGNED WITHOUT WINDBORNE DEBRIS PROTECTION. PARTIALLY ENCLOSED AND OPEN OCCUPANCY R-3 BUILDINGS MUST ALSO INCLUDE A RESIDENTIAL SAFE ROOM IN ACCORDANCE WITH ROH CHAPTER 16, ARTICLE 13.

TABLE R301.2.1.2
WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

	FASTENING SPACE		
FASTENER TYPE	PANEL SPAN ≤ 4 FEET	4 FEET < PANEL SPAN ≤ 6 FEET	6 FEET < PANEL SPAN ≤ 8 FEET
NUMBER 6 WOOD SCREWS	16"	12"	9"
NUMBER 8 WOOD SCREWS	16"	16"	12"

R.S.W.M.P. NOTES

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

(i) USE SITE DESIGN STRATEGIES TO REDUCE THE IMPERVIOUS SURFACE AREAS TO THE MAXIMUM EXTENT PRACTICAL. THE TOTAL IMPERVIOUS SURFACE AREA FOR THE LOT MAY NOT EXCEED 75%, PER LUO SECTION 21-3.70.1(G).

(ii) TOTAL IMPERVIOUS AREA = 49 %.

B.W.S. NOTES

NOTE
ALL NEW PLUMBING FIXTURES ARE LOW FLOW FIXTURES (TYP.)

NOTE
THIS WATER METER DOES NOT HAVE A.F.S. OR IRRIGATION SYSTEMS

PUBLIC HEALTH, SAFETY, AND CONVENIENCE NOTES

1. THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY AND ENVIRONMENTAL QUALITY.

2. THE CONTRACTOR, AT HIS OWN EXPENSE SHALL KEEP THE PROJECT AND ITS SURROUNDING AREAS FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.

3. NO CONTRACTOR SHALL PERFORM ANY CONSTRUCTION ACTIVITY SO AS TO CAUSE FALLING ROCK, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW ONTO ADJOINING PROPERTIES, STREETS OR NATURAL WATERCOURSES. SHOULD SUCH VIOLATIONS OCCUR, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL ACTIONS NECESSARY.

4. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE AND SAFETY OF THE PUBLIC. THE CONTRACTOR SHALL APPLY FOR A CONSTRUCTION PERMIT WITH A NOISE POLLUTION CONTROL PLAN.

ESCP INSPECTION NOTES:

1. AT LEAST TWO WEEKS BEFORE THE BEGINNING CONSTRUCTION, THE CONTRACTOR OR THE PERSON IN CHARGE OF CONSTRUCTION SHALL NOTIFY THE STORM WATER INSPECTOR LISTED ON THE BUILDING PERMIT.

2. AFTER INSTALLING THE CONSTRUCTION BMPS AND MOBILIZING ANY CONSTRUCTION APPARATUS IN ACCORDANCE WITH THE APPROVED ESCP (OR APPENDIX B - ESCP FOR SMALL PROJECT TEMPLATE), THE CONTRACTOR OR THE PERSON IN CHARGE OF CONSTRUCTION SHALL CONTACT THE ESCP COORDINATOR LISTED ON THE BUILDING PERMIT. FOR A PRE-CONSTRUCTION INSPECTION.

3. THE ESCP COORDINATOR SHALL SUBMIT THE PRE-CONSTRUCTION INSPECTION CHECKLIST TO THE STORM WATER INSPECTOR (EMAIL TO DPP.NPDES@HONOLULU.GOV) CONFIRMING THE BMPS AND GOOD HOUSE KEEPING MEASURES ARE IN COMPLIANCE.

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021
CHAPTER 16B

To the best of my knowledge, this project's designs substantially conforms to the Building Energy Conservation Code for

_____ Building Component Systems
_____ Electrical Component Systems
_____ Mechanical Component Systems

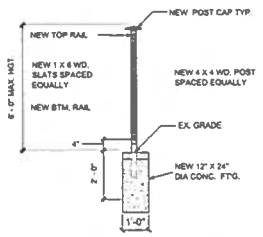
Signature: _____ Date: _____
Name: _____
Title: _____
License No: _____

SOLAR WATER HEATING SYSTEM

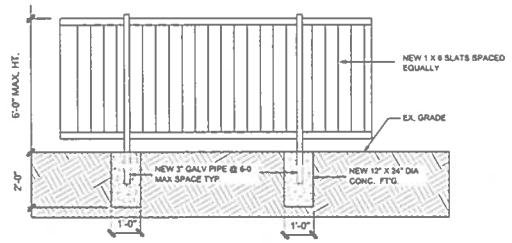
MM NUMBER: MM2020-0040 (1)
TANK SIZE: 80 GALLON
PANEL SIZE: 1 - 4'-0" X 10'-0" PANEL

SPECIAL INSPECTIONS SHALL BE PROVIDED FOR THE FOLLOWING:

1.) CONCRETE
2.) BOLTS INSTALLED IN CONCRETE
4.) REINFORCING STEEL AND PRESTRESSING TENDONS
7.) STRUCTURAL MASONRY
16.) SHEATHED SHEAR WALLS AND DIAPHRAGMS
17.) COMPLETE LOAD PATH AND UPLIFT TIES
18.) TERMITE PROTECTION



SECTION



ELEVATION

1 / A001 WD. FENCE DETAIL
N.T.S.

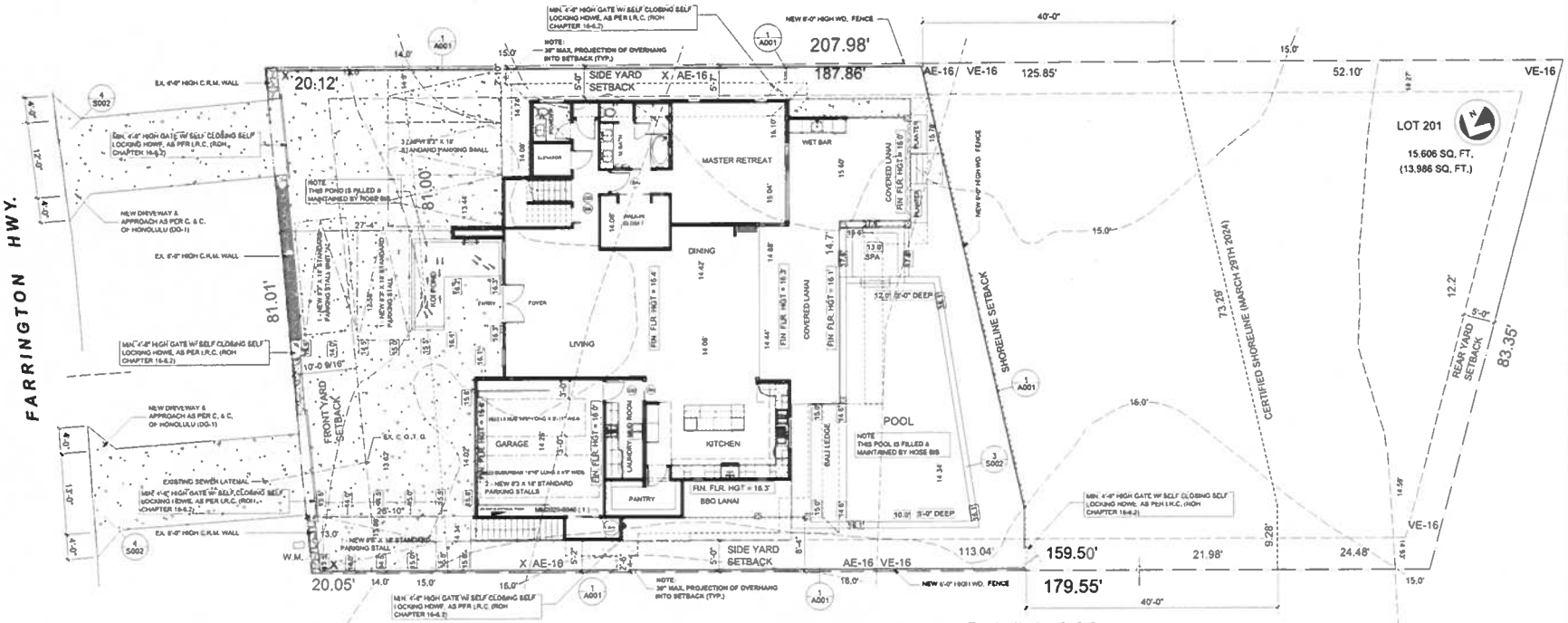


EXHIBIT C2 - PLOT PLAN
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A", WAIANAE, HI 96792
T.M.K. 8 - 4 - 004 : 020

Blue Hawaii Drafting Services

DATE
6/19/2024

SHEET NO.
A001
OF **21** SHEETS

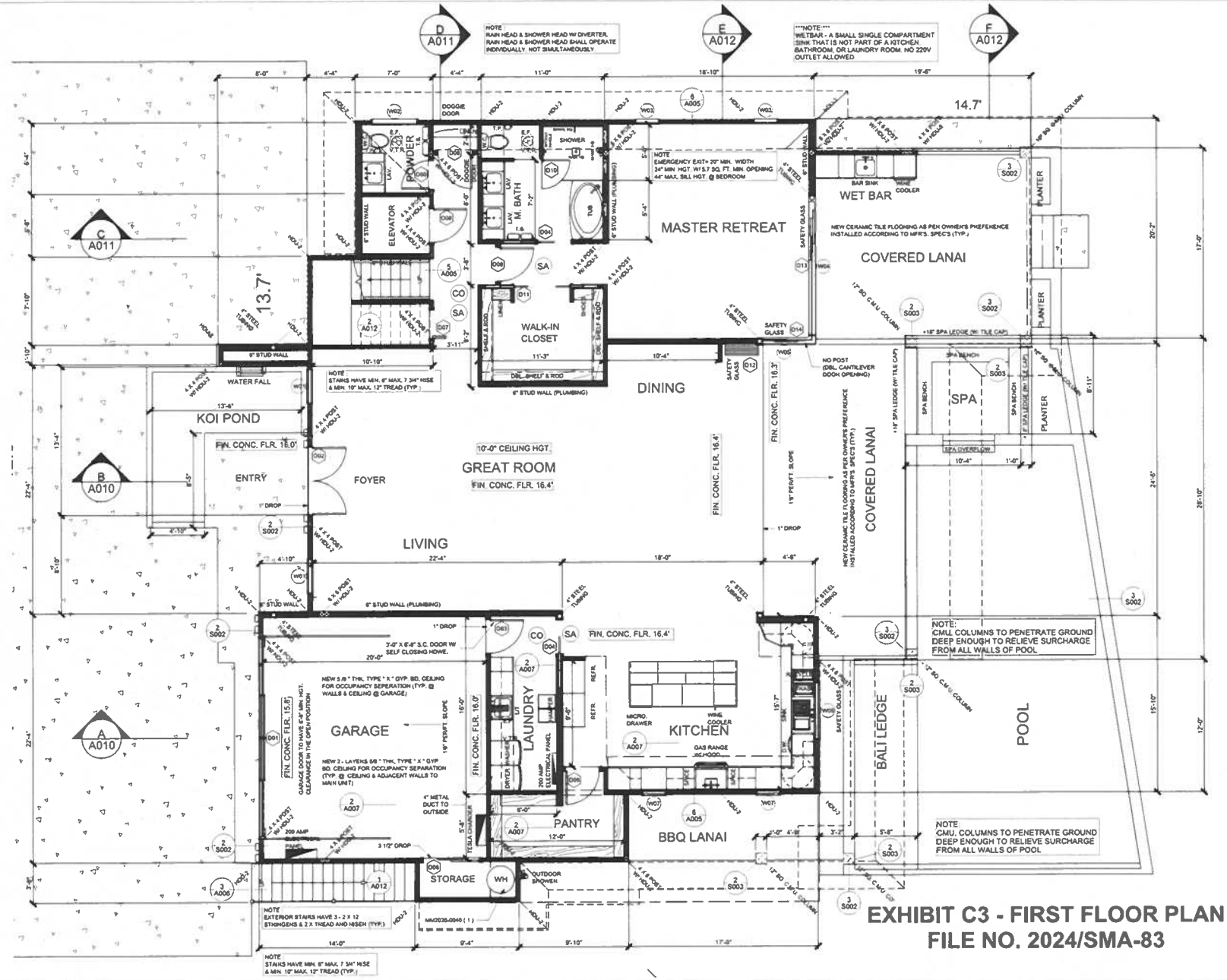


EXHIBIT C3 - FIRST FLOOR PLAN
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A" , WAIANAE, HI 96792
T.M.K. 8 - 4 - 004 : 020

Blue Hawaii Drafting Services

DATE
6/19/2024

SHEET NO.
A002
OF 21 SHEETS

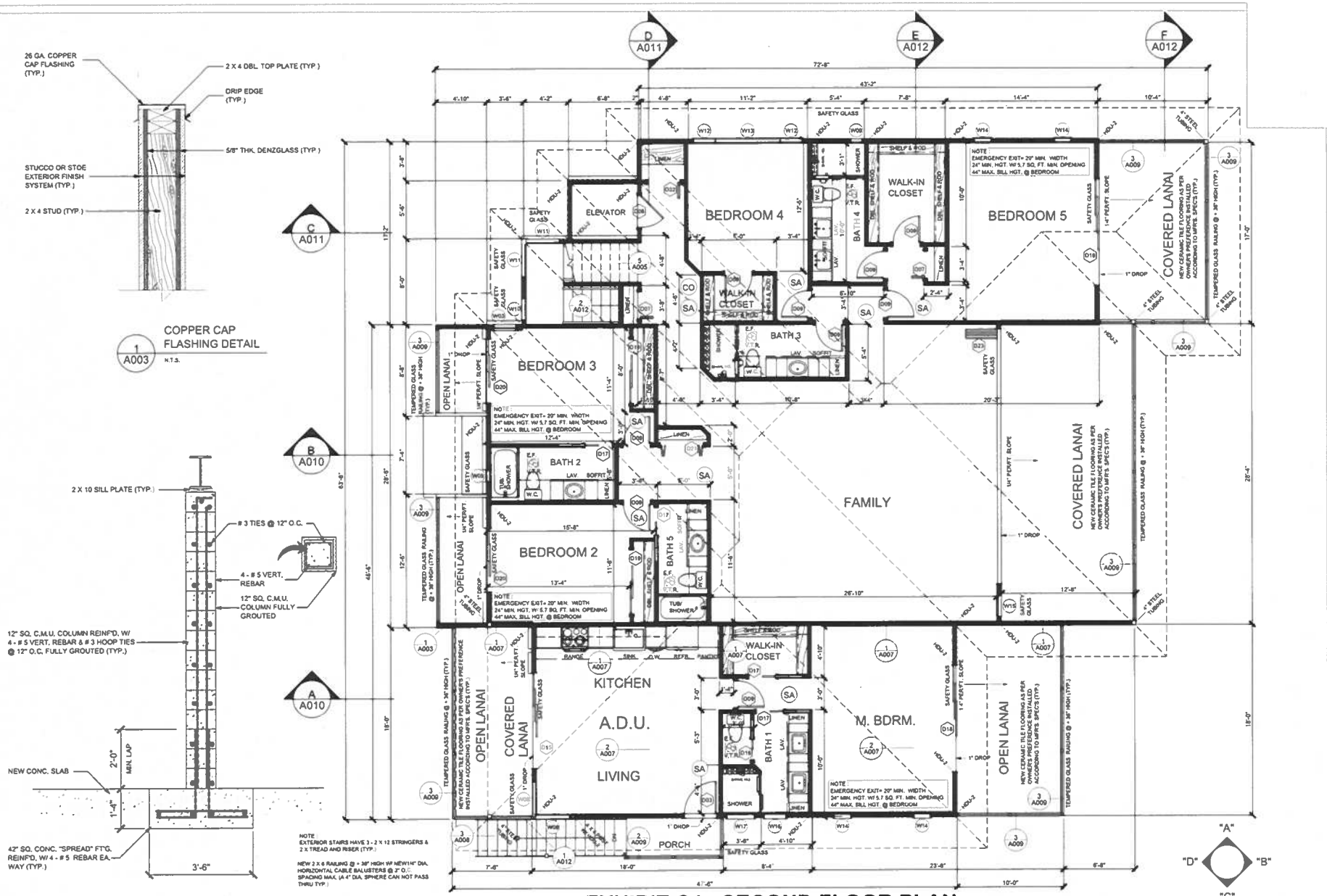


EXHIBIT C4 - SECOND FLOOR PLAN
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

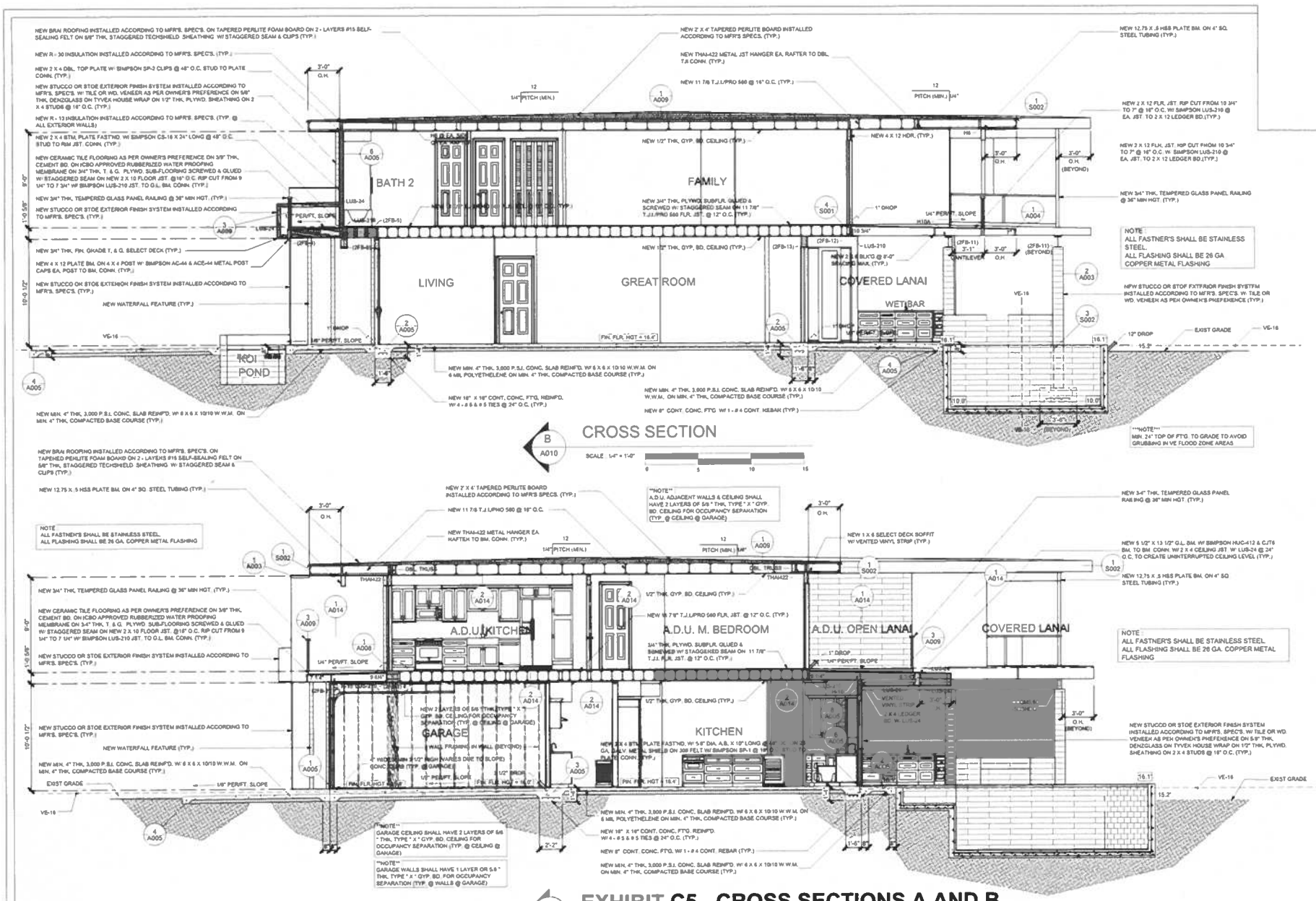
MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A", WAIANAE, HI 96792
T.M.K. 8 - 4 - 004 : 020

Blue Hawaii Drafting Services

DATE
6/19/2024

SHEET NO.
A003
OF **21** SHEETS



A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

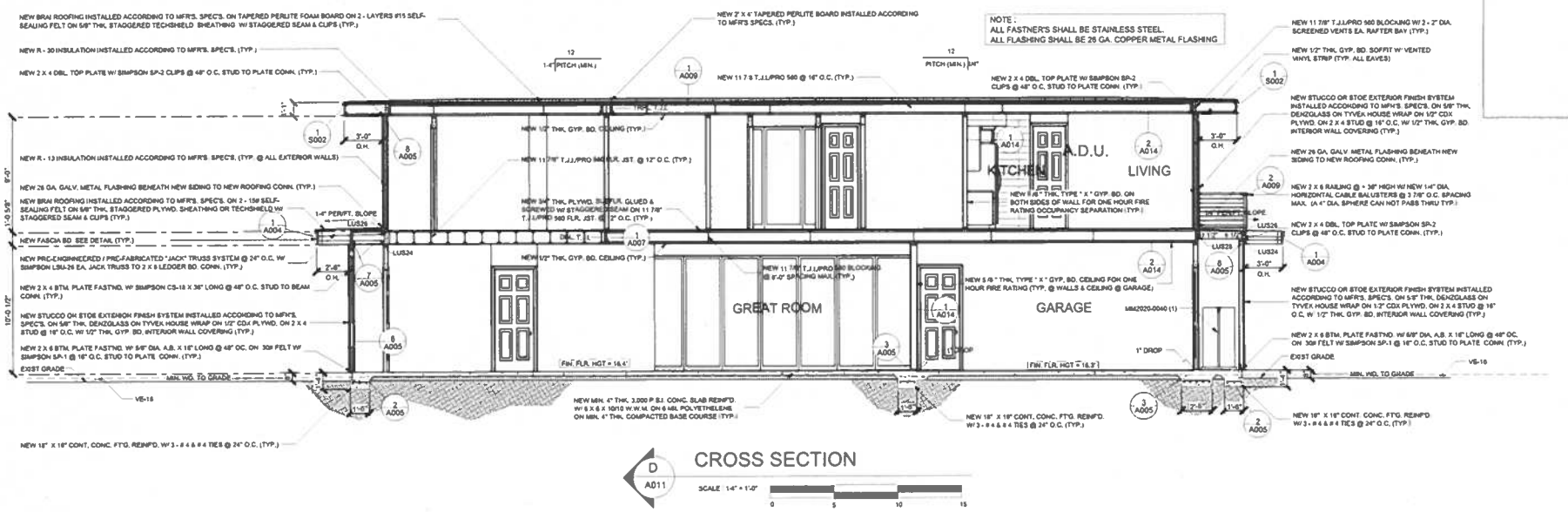
MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A", WAIANAE, HI 96792
T.M.K. 8 - 4 - 004 : 020

Blue Hawaii Drafting Services

DATE
6/19/2024

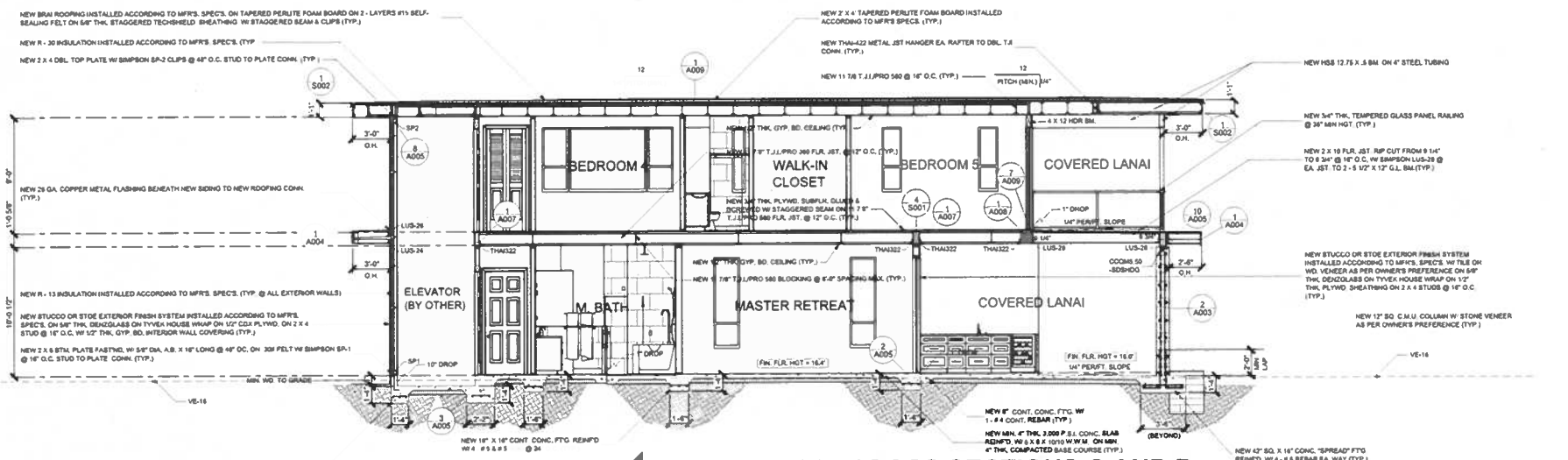
SHEET NO.
A010
OF 21 SHEETS



D A011

CROSS SECTION

SCALE : 1/4" = 1'-0"



C A011

EXHIBIT C6 - CROSS SECTIONS C AND D
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

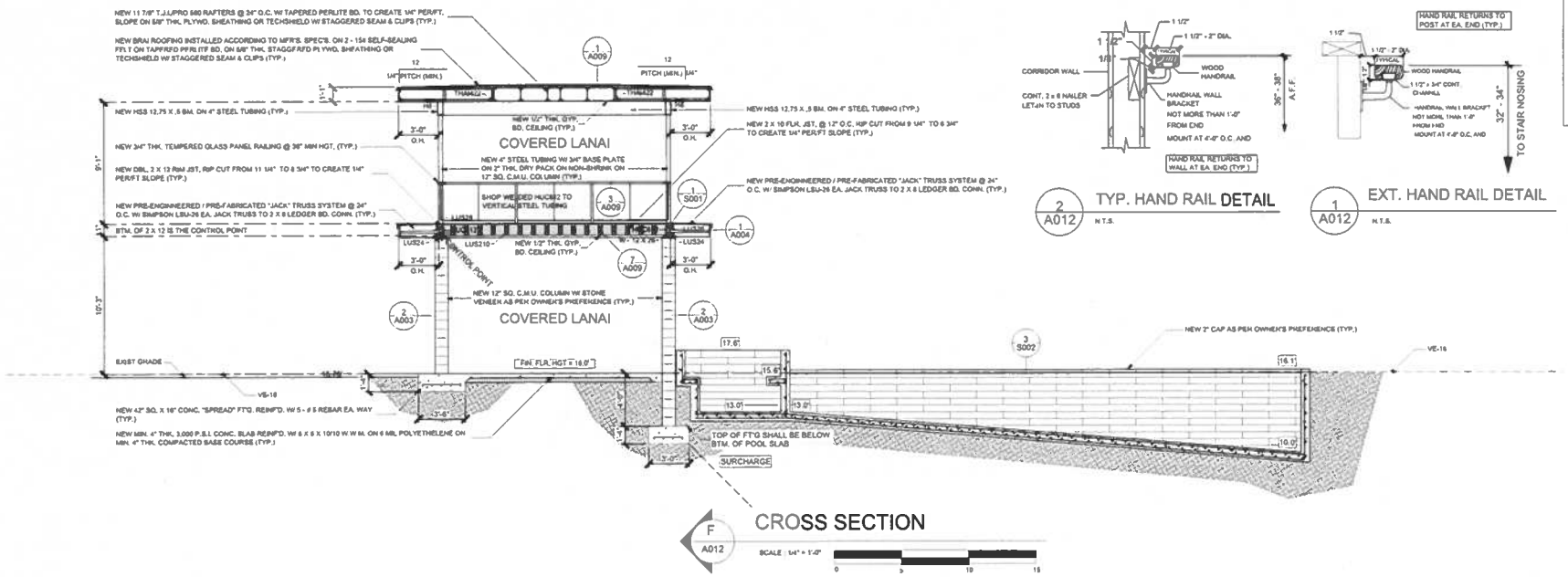
MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A" , WAIANAE, HI 96792
T.M.K. 8 - 4 - 004 : 020

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A011
OF **21** SHEETS

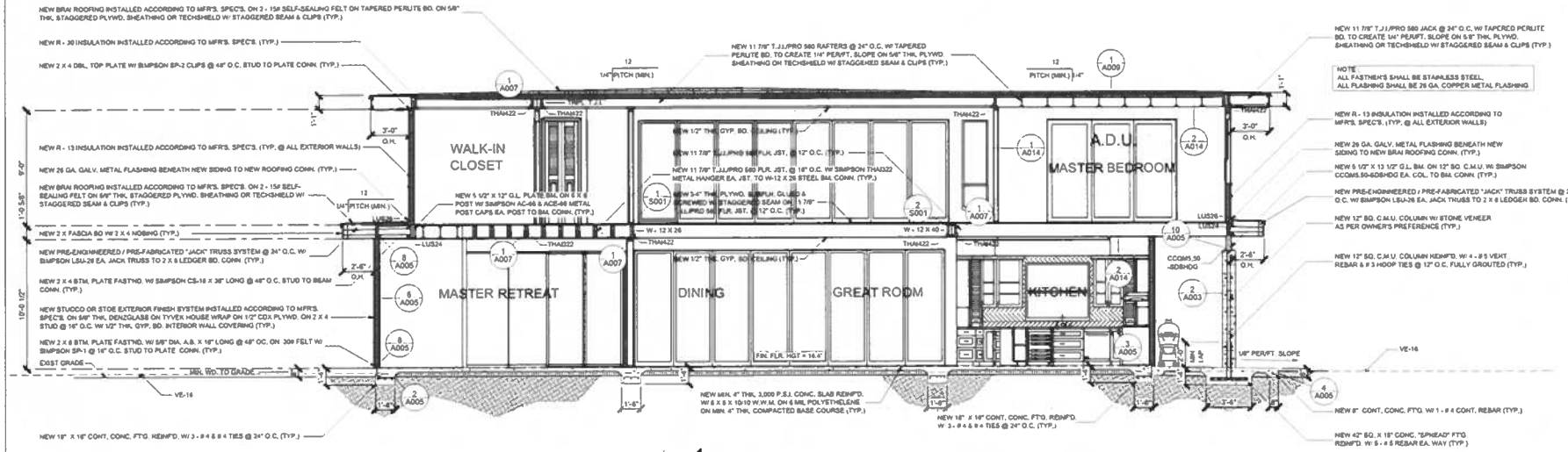


F A012 CROSS SECTION

SCALE : 1/4" = 1'-0"

2 A012 TYP. HAND RAIL DETAIL N.T.S.

1 A012 EXT. HAND RAIL DETAIL N.T.S.



E A012 **EXHIBIT C7 - CROSS SECTIONS E AND F**
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A", WAIANAE, HI 96792
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A012
OF **21** SHEETS

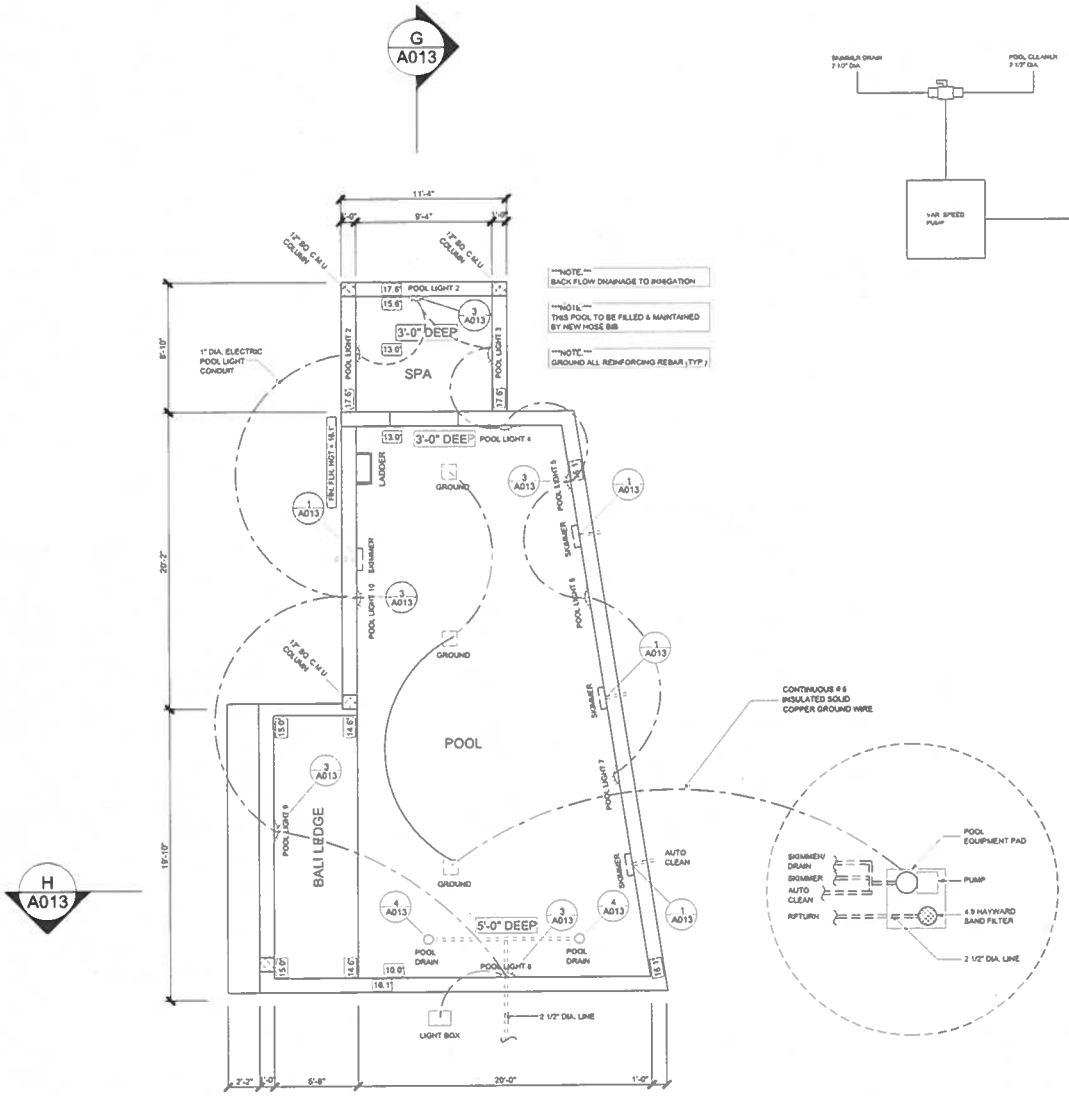
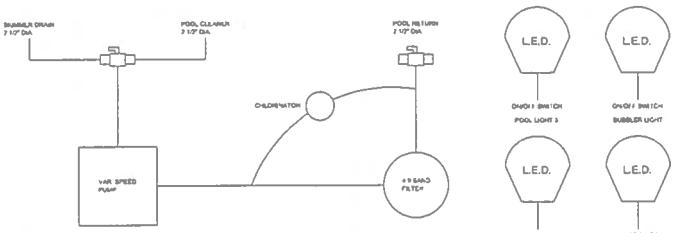
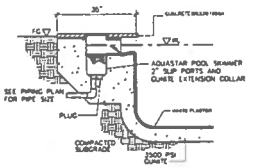


EXHIBIT C8 - POOL PLAN
FILE NO. 2024/SMA-83

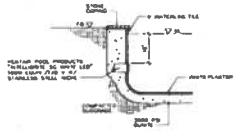


POOL SCHEMATIC

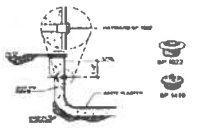
N.T.S.



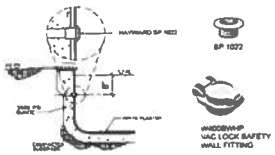
1 A013 SWIMMING POOL SKIMMER
SCALE: 5/16" = 1'-0"



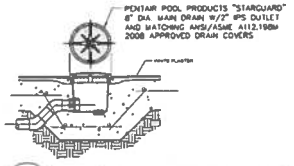
3 A013 SWIMMING POOL LIGHT
SCALE: 5/16" = 1'-0"



2 A013 SWIMMING POOL INLET JET
SCALE: 5/16" = 1'-0"



5 A013 VAC LINE W/ VAC LOCK
SCALE: 5/16" = 1'-0"



4 A013 SWIMMING POOL MAIN DRAIN
SCALE: 5/16" = 1'-0"

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

MR. & MRS. RAY & KIM COOK

ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY
UNIT "A" , WAIANAE, HI 96792
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SHEET NO.
A013
OF **21** SHEETS

GA FILE NO. WP 4135	GENERIC	2 HOUR FIRE	40 TO 44 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

BASE :
LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED @ RIGHT ANGLES TO EA. SIDE OF 2 X 4 WD. STUDS 24" O.C. W/ 6D COATED NAILS. 1 7/8" LONG, 0.085" SHANK, 1/4" HEADS, 24" O.C

FACE :
LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED @ RIGHT ANGLES TO EA. SIDE W/ 8D COATED NAILS. 2 3/8" LONG, 0.100" SHANK, 1/4" HEADS, 8" O.C.

JOINTS STAGGERED 24" EA. LAYER & SIDE. SOUND TESTED W/ STUDS 16" O.C. & W/ NAILS FOR BASE LAYER SPACED 6" O.C. (LOAD-BEARING)



THICKNESS : 6 1/2"
APPROX. WGT : 12 PSF.
FIRE TEST : FM WP 360, 9-27-74
SOUND TEST : NGC 2363, 4-1-70

1 / A014 FIRE RATED WALL ASSEMBLY
N.T.S.

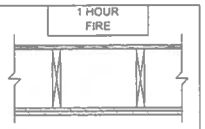
GA FILE NO. RC 2601	GENERIC	1 HOUR FIRE

GYPSUM WALLBOARD, WOOD STUDS

BASE :
LAYER 5/8" TYPE "X" GYPSUM WALLBOARD APPLIED @ RIGHT ANGLES TO 2 X 10 OR GREATER WD. JST, 24" O.C. W/ 1 1/4" TYPE "W" OR S DRYWALL SCREWS 24" O.C.

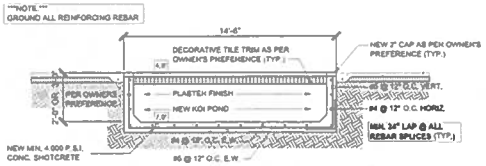
FACE :
LAYER 5/8" TYPE "X" GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED @ RIGHT ANGLES TO JST. W/ 1 7/8" TYPE "W" OR S DRYWALL SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WD. JST. SUPPORTING 1/2" PLYWD. W/ EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO JST. W/ 8D NAILS. APPROPRIATE ROOF COVERING.

CEILING PROVIDES ONE HOUR FIRE RESISTANCE PROTECTION FOR FRAMING, INCLUDING TRUSSES.

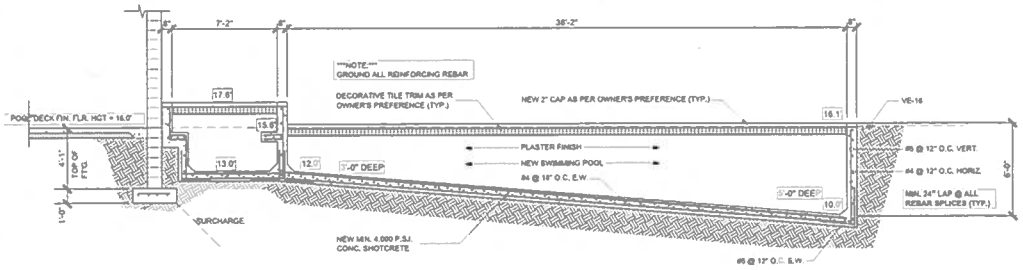


APPROX. CEILING WGT : 5 PSF
FIRE TEST : FM FC 172, 2-25-72; ITS, 5-5-96

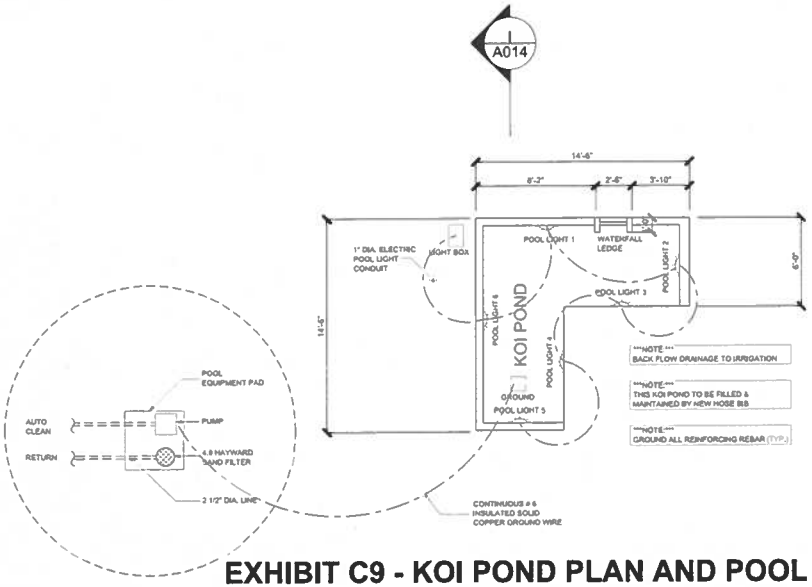
2 / A014 FIRE RATED CEILING ASSEMBLY
N.T.S.

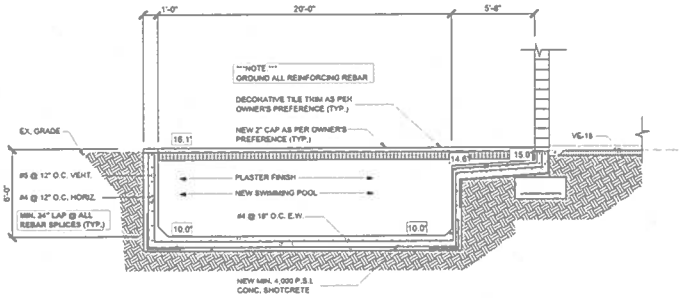


1 / A014 CROSS SECTION
SCALE : 3/8" = 1'-0"
0 5 10 15



G / A014 CROSS SECTION
SCALE : 3/8" = 1'-0"
0 5 10 15





H / A014 CROSS SECTION
SCALE : 3/8" = 1'-0"
0 5 10 15

EXHIBIT C9 - KOI POND PLAN AND POOL CROSS SECTIONS
FILE NO. 2024/SMA-83

A PROPOSED NEW SINGLE-FAMILY DWELLING & ADU FOR:

MR. & MRS. RAY & KIM COOK

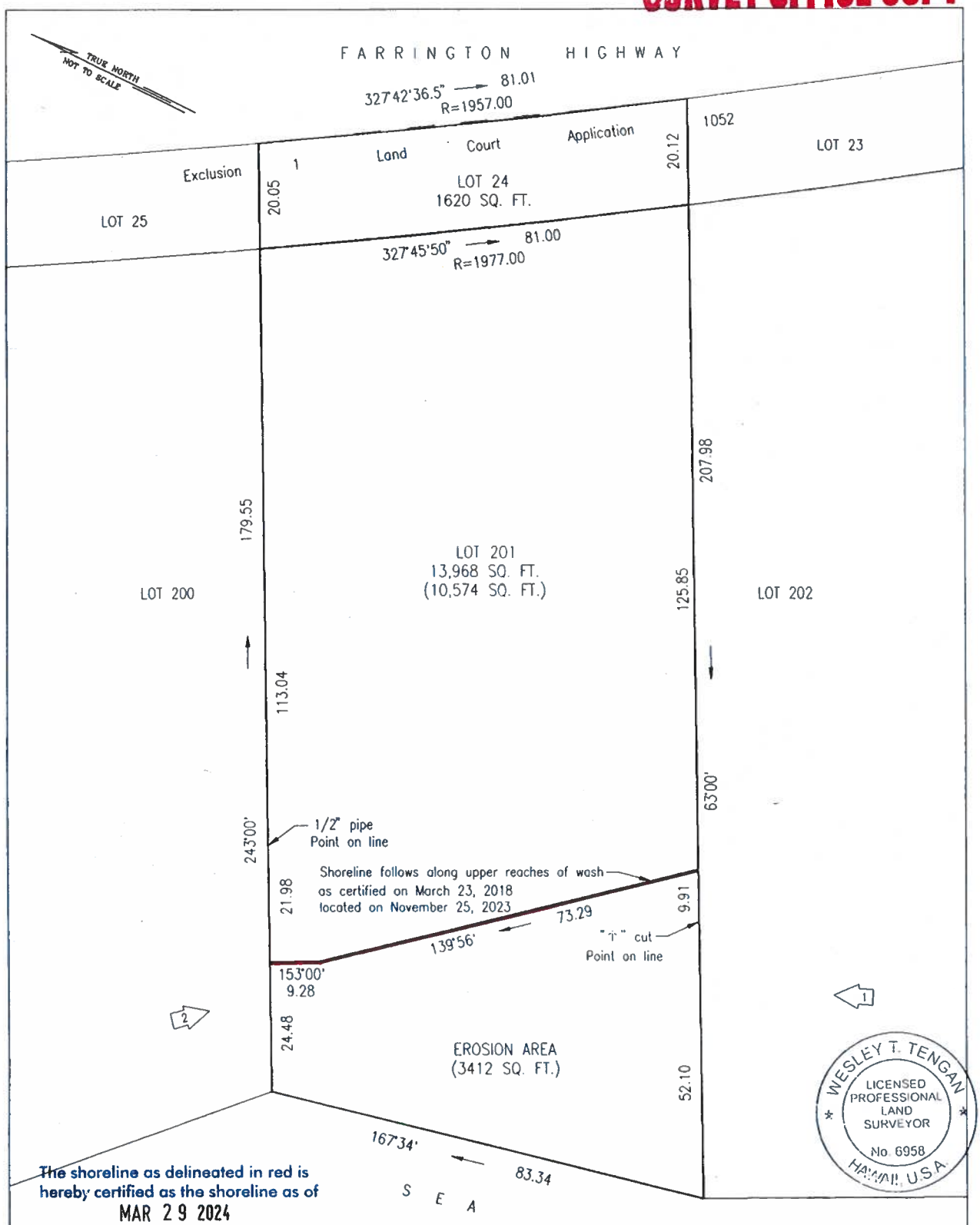
ADDRESS: 84-939 FARRINGTON HWY & 84-939 FARRINGTON HWY UNIT "A", WAIANAE, HI 96792
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6/19/2024

SHEET NO.
A014
OF 21 SHEETS

SURVEY OFFICE COPY



The shoreline as delineated in red is hereby certified as the shoreline as of

MAR 29 2024

Chairperson, Board of Land and Natural Resources

SHORELINE MAP
LOT 201
LAND COURT APPLICATION 1052
AS SHOWN ON MAP 6
Makaha, Waianae, Oahu, Hawaii
Date: November 25, 2023
Tax Map Key: 8-4-04:20
Owners: Kim Yen Cook Trust
Raymond W. Cook Trust

This work was prepared by me or under my supervision

EXP. 4/24

WESLEY T. TENGAN
LICENSED PROFESSIONAL LAND SURVEYOR
Certificate Number 6958

Note: 1 denotes position and direction of photograph

84-939 FARRINGTON HIGHWAY

EXHIBIT D-1 - 2024 CERTIFIED SHORELINE SURVEY

SHORELINE PHOTOGRAPHS



PHOTO:1



PHOTO:2

84-939 FARRINGTON HIGHWAY

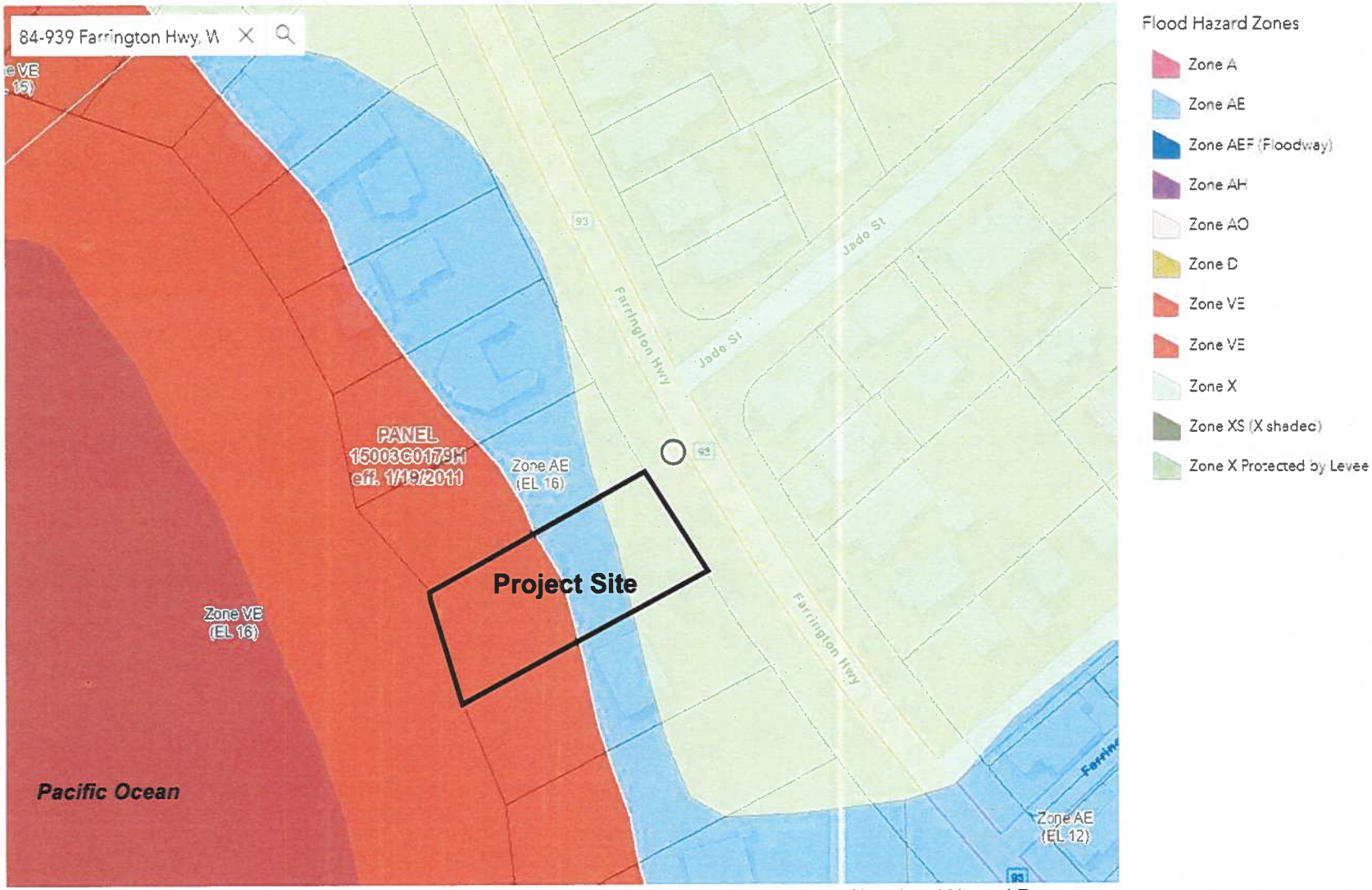
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11/25/2023

2:30 P.M.

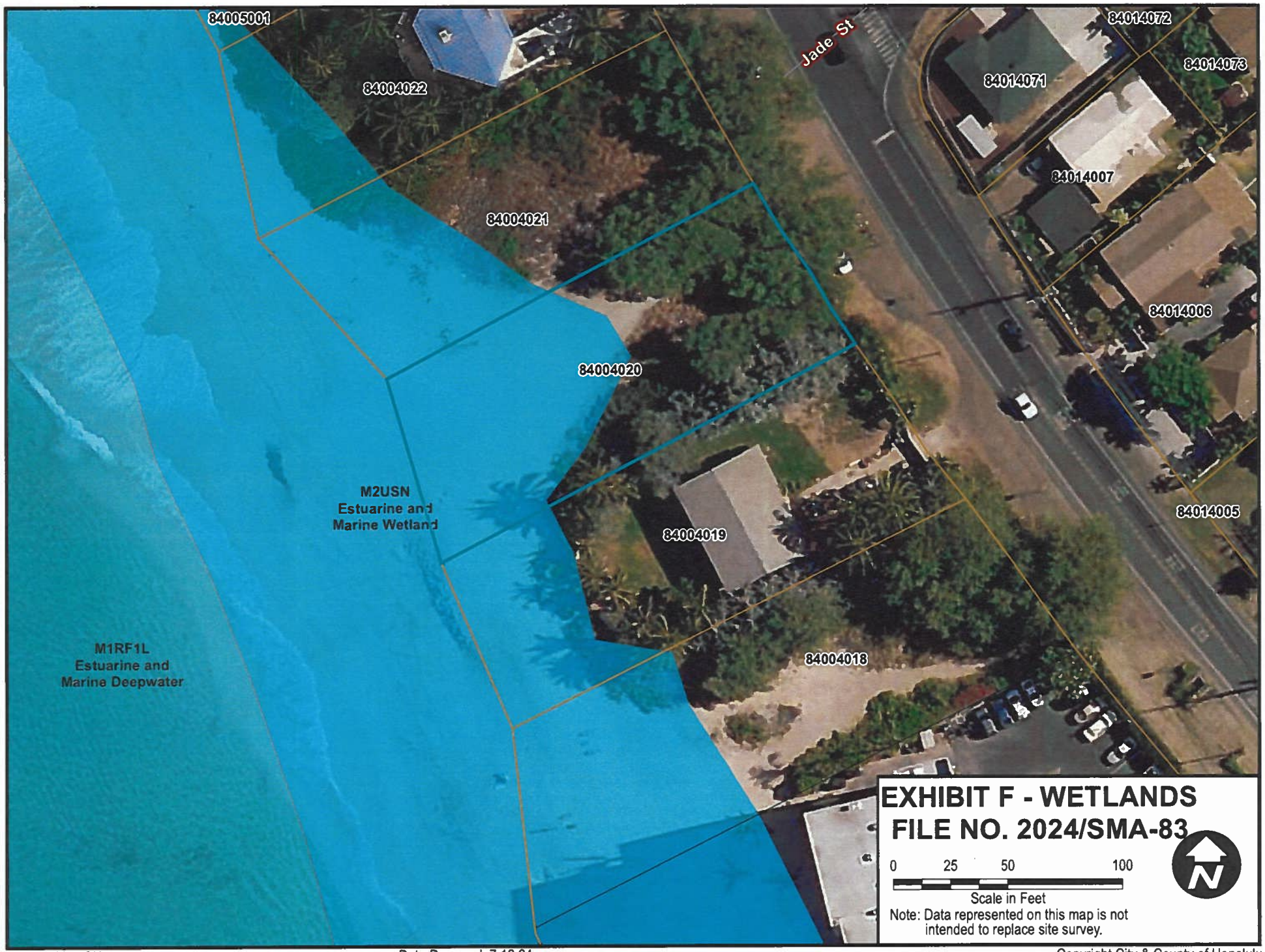
PARTY CHIEF: GRANT FUJISHIGE

EXHIBIT D-2 - 2024 CERTIFIED SHORELINE SURVEY PHOTOS FILE NO. 2024/ SMA-83



State of Hawaii, Department of Land and Natural Resources
Flood Hazard Assessment Tool

EXHIBIT E - FLOOD ZONES
FILE NO. 2024/SMA-83



Prepared by: CK

Date Prepared: 7.16.24

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Area of Interest (AOI) | Soil Map | Soil Data Explorer | Download Soils Data | Shopping Cart (Free)

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Map Unit Legend

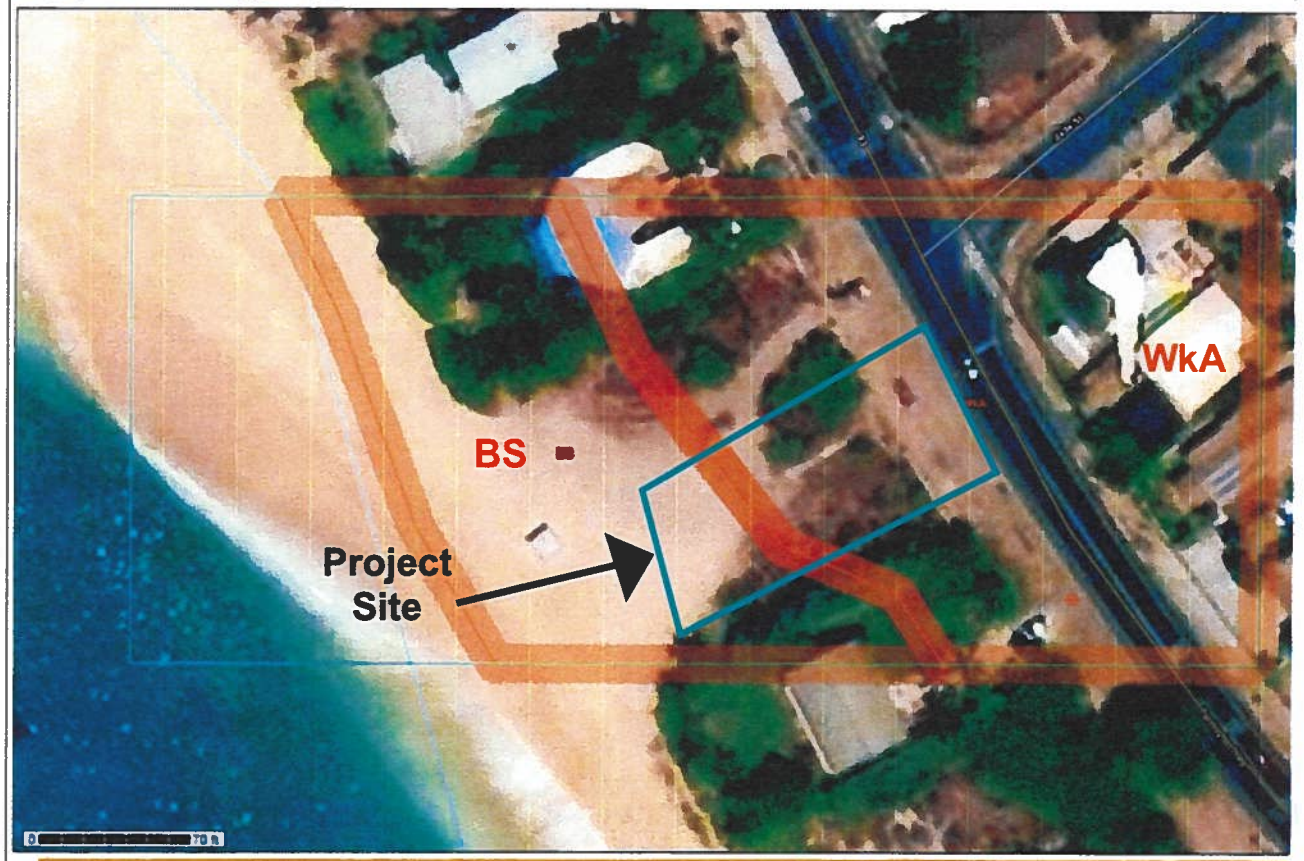
Island of Oahu, Hawaii (HI990)

Island of Oahu, Hawaii (HI990)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BS	Beaches	0.8	29.5%
WkA	Waialua silty clay, 0 to 3 percent slopes	1.3	48.2%
Totals for Area of Interest		**2.6**	**100.0%**

Soil Map

Scale (not to scale)



Warning: Soil Map may not be valid at this scale.

You have zoomed in beyond the scale at which the soil map for this area is intended to be used. Mapping of soils is done at a particular scale. The soil surve comprise your AOI were mapped at 1:24,000. The design of map units and the level of detail shown in the resulting soil map are dependent on that map sc

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do n the small areas of contrasting soils that could have been shown at a more detailed scale.

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EXHIBIT G - NRCS SOILS
FILE NO. 2024/SMA-83



PacIOOS
PACIFIC ISLANDS OCEAN OBSERVING SYSTEM

EXHIBIT H - 3.2-FOOT SEA LEVEL RISE EXPOSURE AREA (COMBINED, ANNUAL HIGH WAVE) WITH COASTAL EROSION
FILE NO. 2024/SMA-83

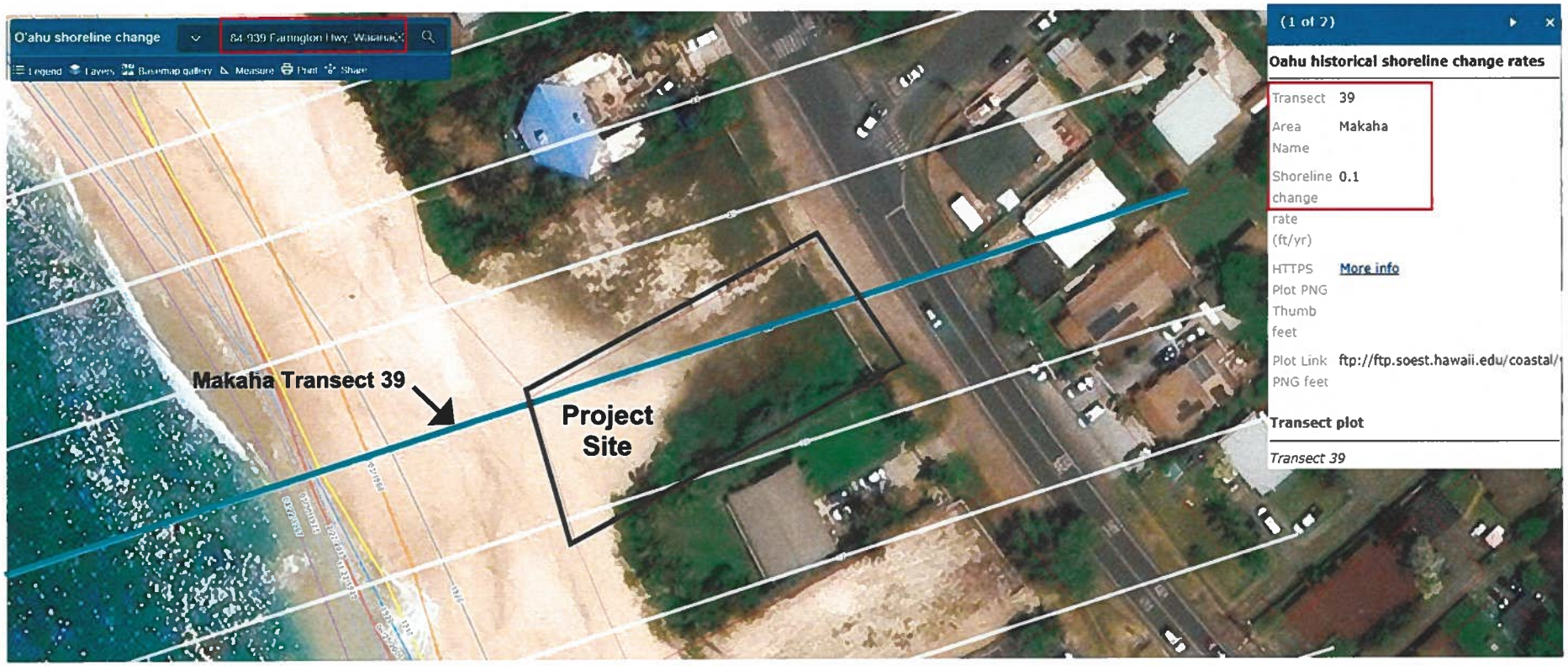


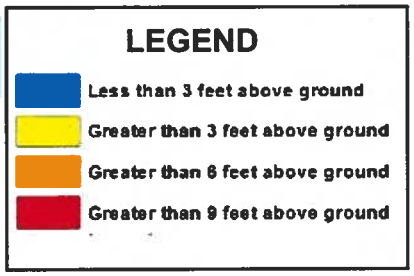
EXHIBIT I - HISTORICAL ANNUAL SHORELINE CHANGE RATE
FILE NO. 2024/SMA-83



Category 1 Hurricane



Category 2 Hurricane





Category 3 Hurricane



Category 4 Hurricane

EXHIBIT J - NATIONAL HURRICANE CENTER STORM SURGE RISK MAPS
FILE NO. 2024/SMA-83

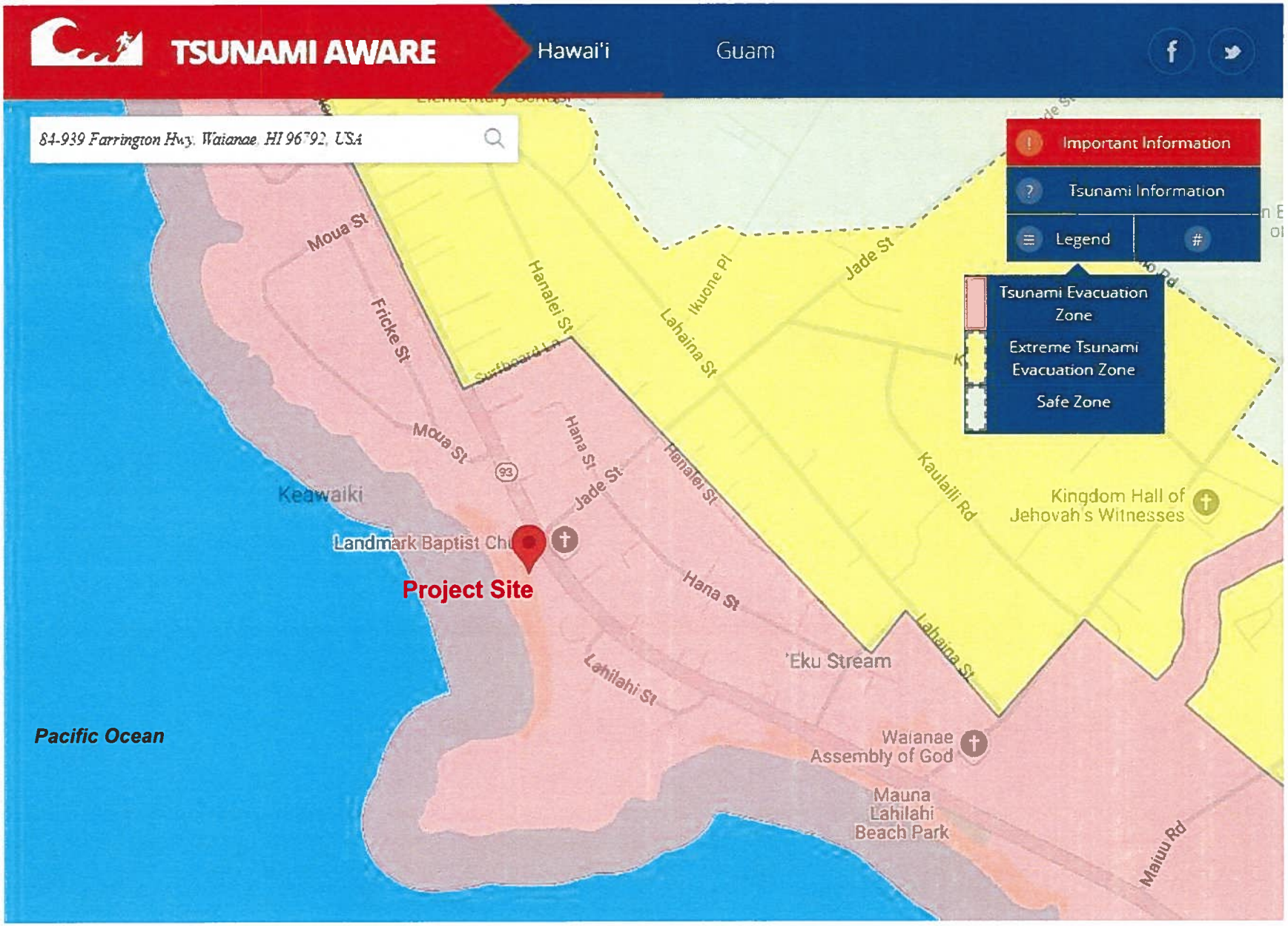


EXHIBIT K- TSUNAMI EVACUATION ZONE
FILE NO. 2024/SMA-83

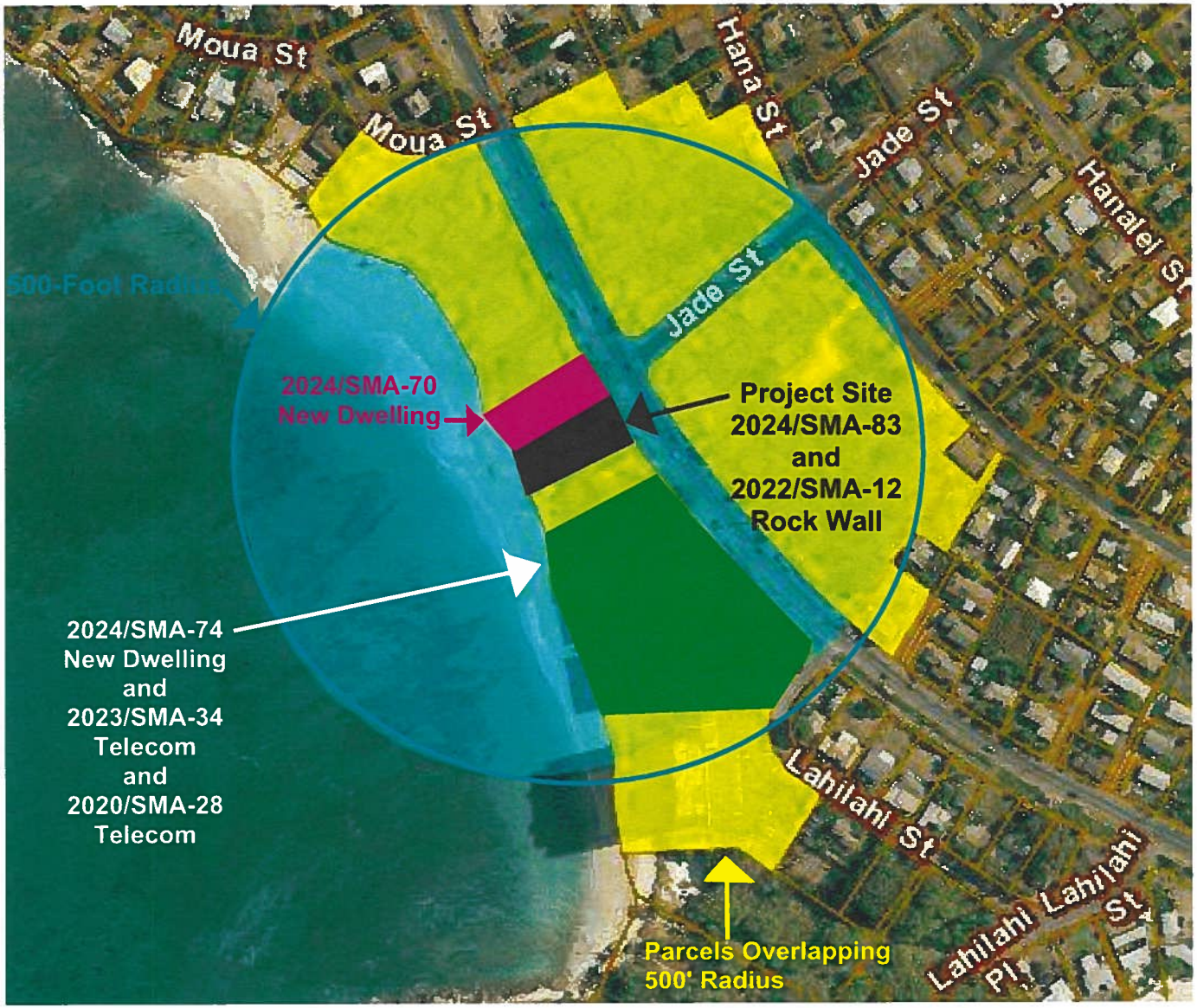


EXHIBIT L - CUMULATIVE PROJECTS MAP
FILE NO. 2024/SMA-83