

Proposed Construction of a Retaining Wall  
Walter Hester Residence

TMK (2) 4-3-015: 003  
Napili, Maui

Special Management Area Use Permit  
Shoreline Setback Variance

Maui Planning Commission Meeting  
July 23, 2013



Good afternoon Chair Lay and Commissioners.

I'm Jen Maydan of Chris Hart & Partners.

Also here today is the Applicant, Mr. Walter Hester, and the project engineer, Paul Weber.

Walter Hester Residence Proposed Retaining Wall  
Presentation Overview

1. Project Overview
2. Lateral Access Alternative Wall Designs
3. SMA Use Permit and Shoreline Setback Variance

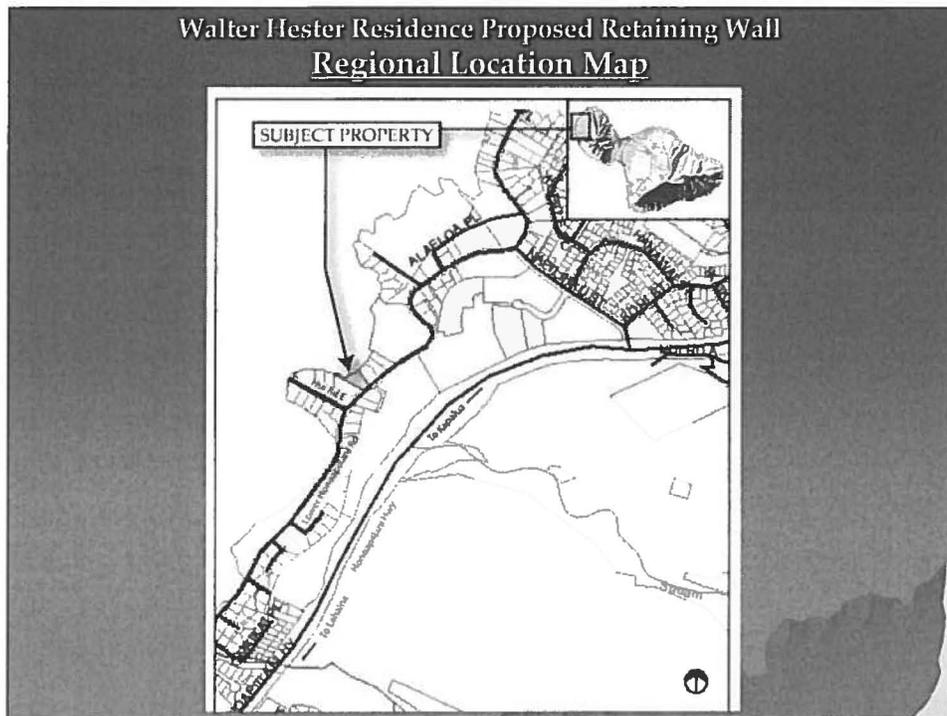
I have about a 20 minute presentation today.

First I will provide an overview of the proposed project.

Then I will discuss two alternative wall designs providing lateral access that were analyzed by the project team.

And finally, I will demonstrate how the proposed action adheres to the objectives and policies of the Special Management Area and Shoreline Rules for the Maui Planning Commission and meets the criteria for approval of a variance.

Walter Hester Residence Proposed Retaining Wall  
Regional Location Map



The Subject Parcel is in Napili approx. 7 miles north of Lahaina and 1.5 miles south of Kapalua.

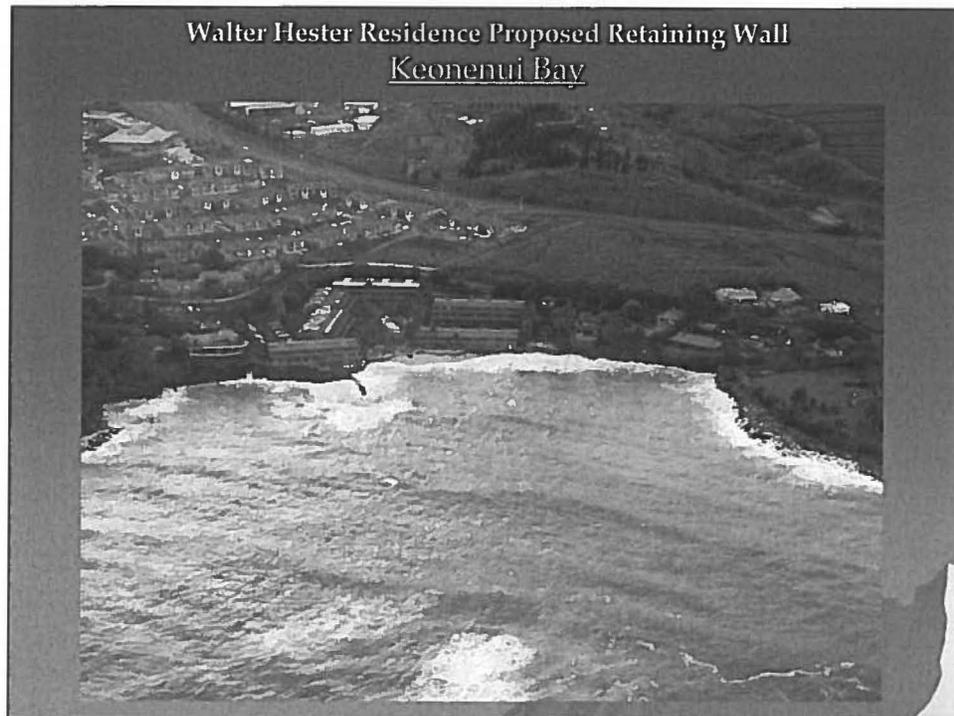
Access to the parcel is via Lower Honoapiilani Road.

Walter Hester Residence Proposed Retaining Wall  
Aerial Location



The subject parcel is adjacent to the shoreline along Keonenui Bay, between Haukoe (S) and Alaeloa (N) Points.

The subject parcel is 0.44 acres and is located at the far southwest end of Keonenui Bay on a high bluff.



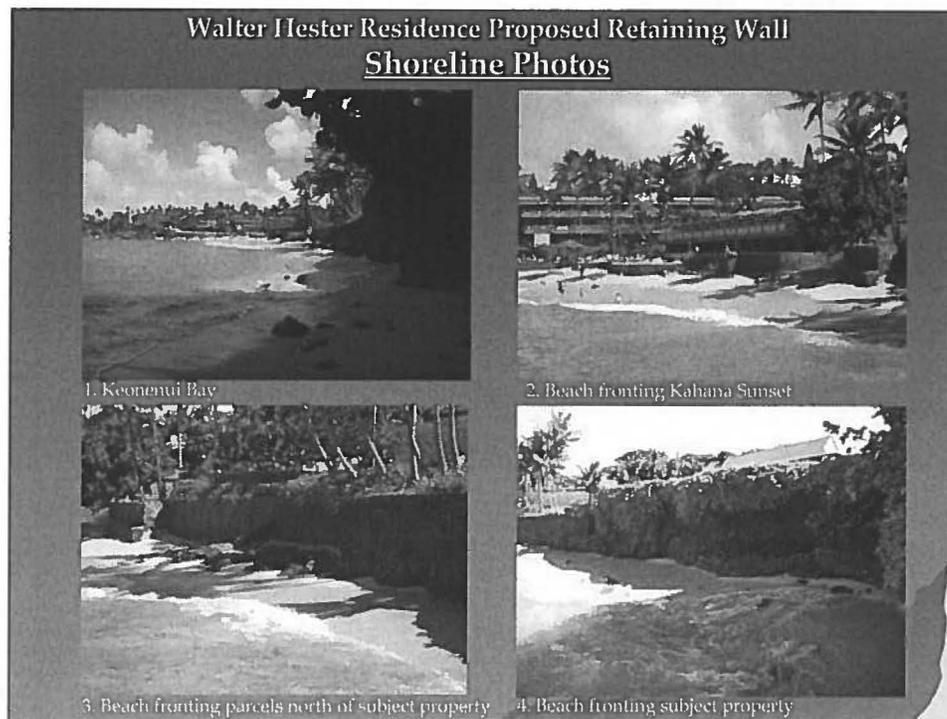
The properties along the northern half of the bay are occupied by the Kahana Sunset resort and condominiums.

Shoreline properties along the southern half of the bay are occupied by single-family residences.

The subject property is the last property at the southern end of the bay.

The beach in the project vicinity is a pocket beach nestled between two headlands which protrude 400 to 500 feet seaward.

Vertical rock and concrete walls protect the properties along the entire bay, with the exception of the subject property.



1. The picture in the top left shows the length of Keonenui Bay.

2. North of the subject property, fronting the Kahana Sunset, the shoreline consists of a sandy beach protecting the properties.

3. & 4. Moving south along the bay, the beach narrows dramatically, transitioning to an irregular, rough and rocky shore in front of the subject property.

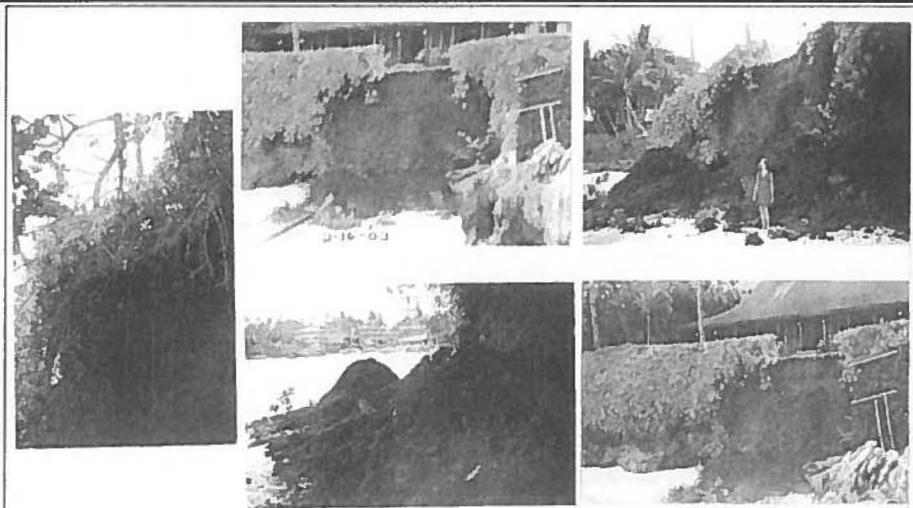
Walter Hester Residence Proposed Retaining Wall  
Project Background & Need



The original single-family residence was constructed on the subject parcel in 1976.

However, due to erosion of the clay and cinder substrate and the creation of undermining caves, by 2003 the residence was situated roughly 18 feet from the edge of the shoreline cliff at its nearest point.

Walter Hester Residence Proposed Retaining Wall



Collapse of Shoreline Bluff at Subject Property, February, 2003

Figure A-5  
Site Photographs  
Hester Residence

These pictures depict the collapse of the shoreline bluff at the subject property in February 2003.

Over the years, each parcel with a sheer bank fronting Keonenui Bay has been susceptible to seasonal undermining with the creation of dangerous caves which eventually collapse and endanger the health, safety and welfare of beachgoers and property owners.

Walter Hester Residence Proposed Retaining Wall

Project Background & Need



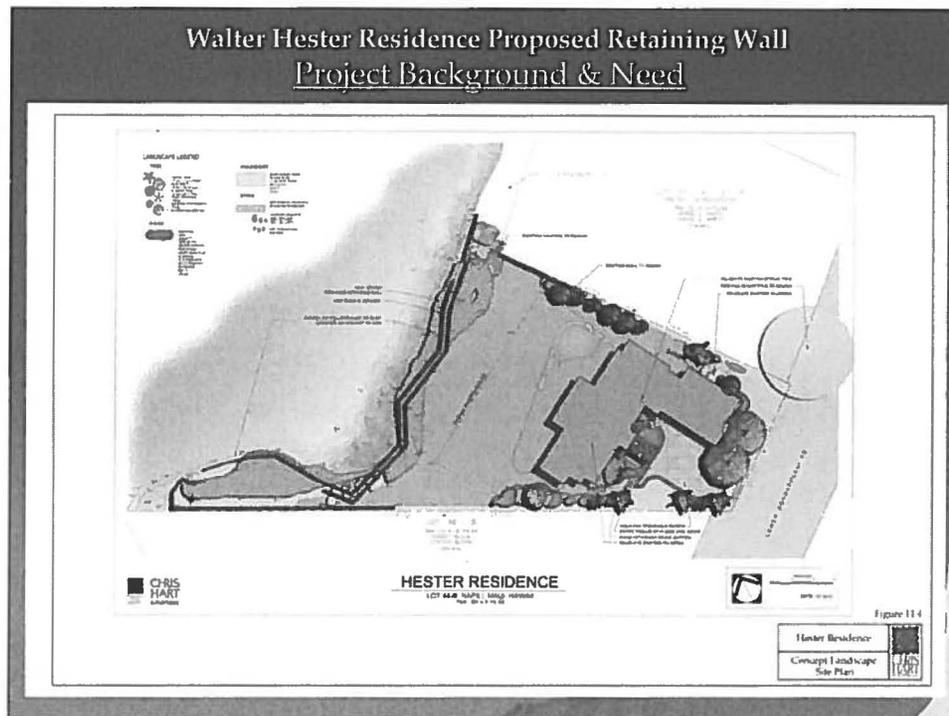
It has been determined by the project's coastal engineer that the seasonal erosion and bank destabilization in the bay is caused by a continuous bedrock layer of volcanic clay and cinder that is susceptible to erosion.

The bank is not made up of a stable solid rock formation resistant to erosion.

Walter Hester Residence Proposed Retaining Wall  
Project Background & Need



The existing condition of the bluff, along with prior documentation of erosion at the subject site, indicates that if left unchecked, erosion will continue, further threatening the subject property and eventually threatening the property to the north.



Since the catastrophic collapse of the bank in 2003 the Applicant has taken proactive measures to strategically retreat from the shoreline.

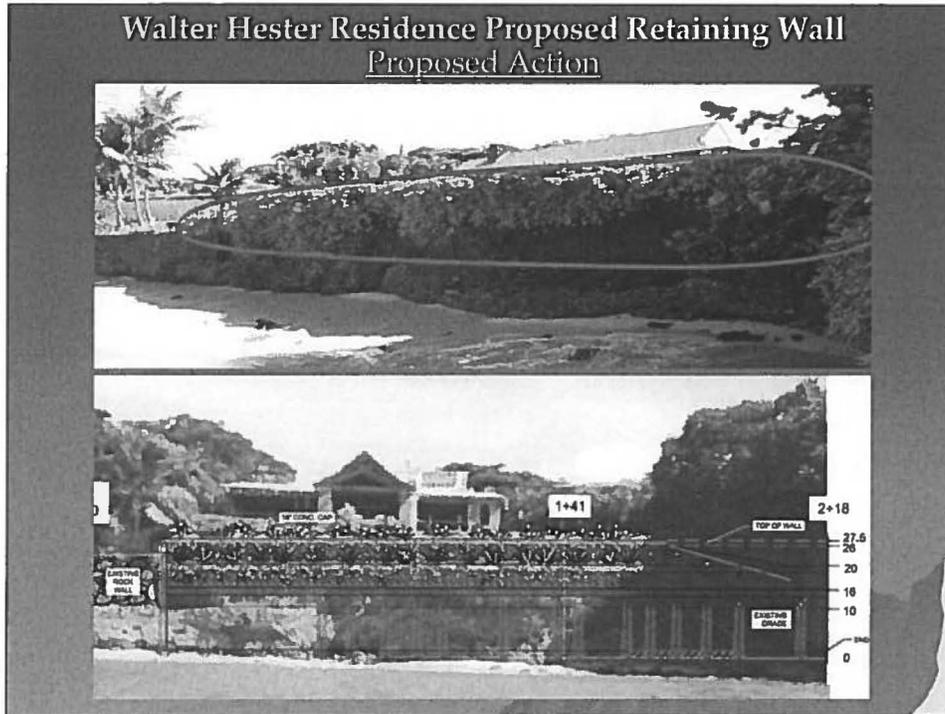
On August 18, 2011 the Planning Department granted a SMA Assessment Exemption, Shoreline Setback Approval, and EA Exemption for the demolition of the original residence from within the shoreline setback area and construction of a new single-family residence outside of the shoreline setback area.

In November 2011 the residence was demolished and the new residence is now under construction.

In this site plan you can see the outline of the original residence, and the site of the new residence, about 50 feet mauka.

Now this brings us to the current proposed action.

### Walter Hester Residence Proposed Retaining Wall Proposed Action

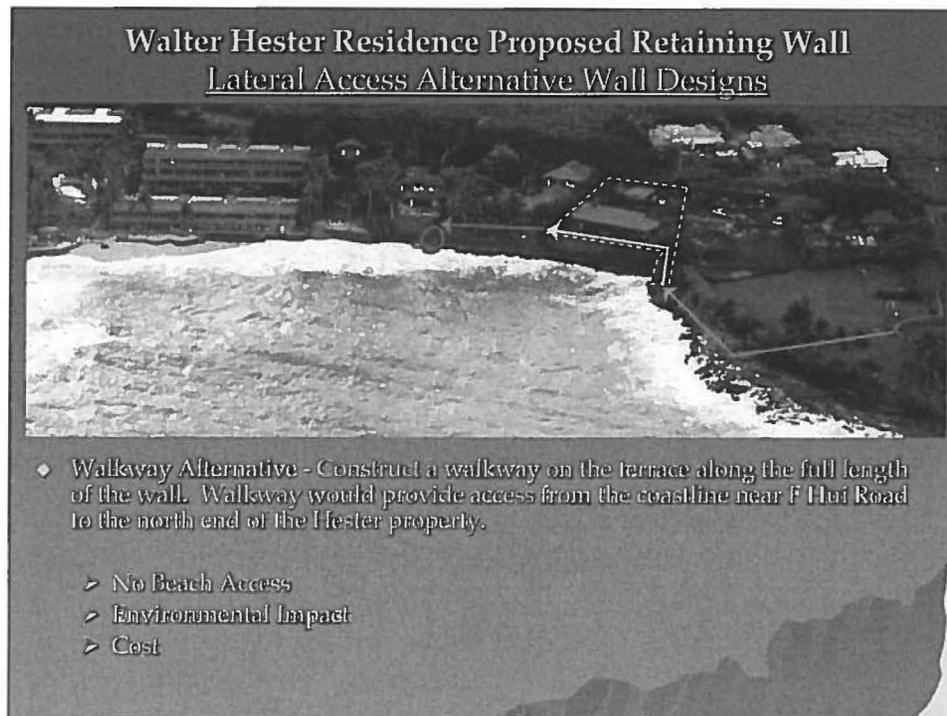


The Applicant proposes to construct a 10 foot high structurally engineered terraced slope retaining wall, sited on the rock within the bluff, at a base elevation of about 15 feet.

The purpose of the project is to enhance public safety and create a long-term solution that will stabilize the bank to prevent future erosion and undermining.

The proposed retaining wall will require a negligible amount of excavation and backfill and will be confined to the area above the beach and *mauka* of the certified shoreline.





Now I would like to give you an overview of two alternative wall designs providing lateral public access that the Applicant has explored based on comments from a few Commissioners during the DEA and FEA review process.

The first is the Walkway Alternative which would involve constructing a walkway on the terrace along the full length of the wall, as shown with the YELLOW arrow. The public would walk from F Hui Road to the coastline, and along the rocky coastline (as show with the GREEN arrow) to the south end of the Hester property where the walkway would start. The Walkway would provide access from the south end of the Hester property to the north end of the Hester property.

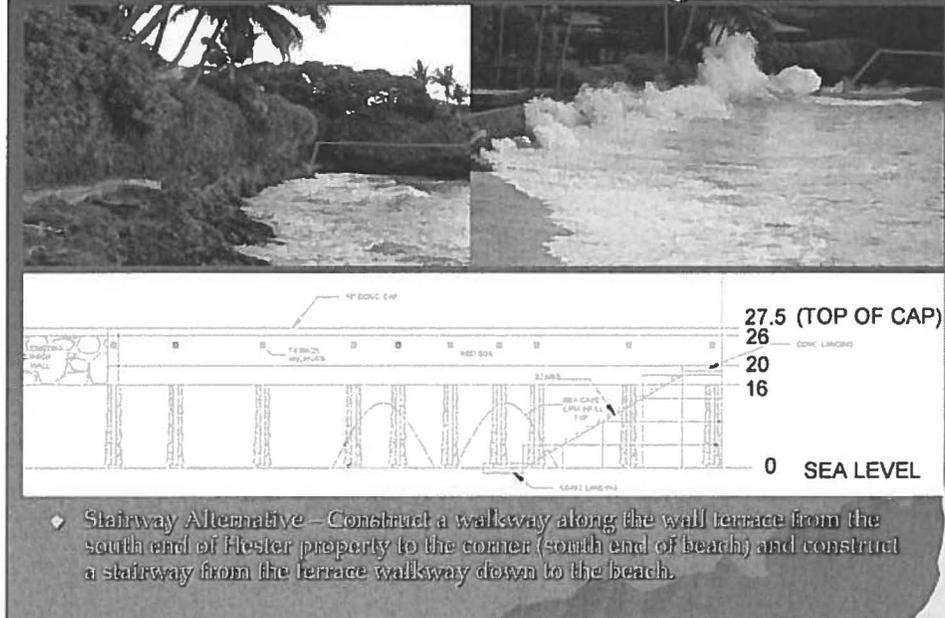
Important considerations for this alternative include:

- That this alternative would not provide access to the beach. The walkway would end at the north end of the Hester property where there is no access to the beach. And as a reminder, there is no beach access from anywhere on the Hester property. To provide access to the beach the adjacent property owners to the north would also need to construct a walkway along their existing walls to the existing beach stairway, as shown with the RED arrow.

- The second important consideration is the potential environmental impact caused by construction of the walkway. The sea grape tree at the south corner of the Hester property would need to be removed to accommodate pedestrian movement along the wall terrace which would allow for erosion of the upper cliff and impact near-shore waters. \*\*\*\*\*NEED TO CONFIRM WITH PAUL WEBER\*\*\*\*\*

- And finally, construction of the walkway would approximately double the cost of the wall.

Walter Hester Residence Proposed Retaining Wall  
Lateral Access Alternative Wall Designs (cont.)



The second access alternative is the stairway alternative which would involve constructing a walkway along the wall terrace from the south end of the Hester property to the corner at the south end of the beach, then constructing a stairway from the terrace walkway down to the beach.

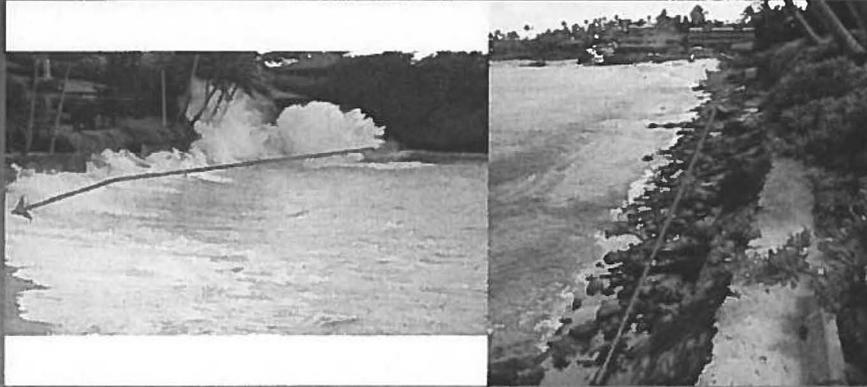
The beach access stairs would begin at a concrete landing on the top at about the position of the sea grape trees, at an elevation of 20 feet.

An angled bench would be carved out of the soil and rock on the standard 7 by 11 slope.

Dura-bloc would form protective retaining on both sides the stairwell.

A concrete landing would be constructed at beach level and the stairs would penetrate the cave nearest the south end of the beach.

## Walter Hester Residence Proposed Retaining Wall Lateral Access Alternative Wall Designs (cont.)



- > Safety & Liability
- > Environmental Impact
- > Cost

As with the walkway alternative, there are number of important issues to consider when analyzing this stairway access alternative.

- First, safety and liability. The bottom portion of the stairway would frequently be under water or subject to dangerous wave action (as depicted in the picture on the left). Encouraging the public to access the shoreline at this location would create a public safety hazard. The stairway would create an attractive nuisance and serious liability issue for the property owner.
- Secondly, environmental impact. During construction of the stairway to the beach, erosion of the cliff and subsequent impacts to near-shore water would be unavoidable.
- And finally, cost. Again, construction of the walkway and stairs would approximately double the cost of the wall.

The Applicant has taken the Commissioners' request to provide lateral public access under serious consideration, but has concluded that there is no feasible or safe scenario to provide this access from the subject property.

The Planning Department concurs with our assessment of the alternatives and conditions in the bay, and agrees that providing lateral public beach access via the Hester property is not realistic.

**Walter Hester Residence Proposed Retaining Wall  
Special Management Area Significance Criteria**

- A. The proposed action will not result in an irrevocable commitment to loss or destruction of natural or cultural resources.
- B. The proposed action will not curtail the range of beneficial uses of the environment.
  - The proposed retaining wall will enhance safety in the shoreline area immediately beneath the subject property, and will also aid in protection of nearshore waters from erosion-borne sediment.
- C. The proposed action will not conflict with State or County long-term environmental policies and goals.
- D. The proposed action will not substantially affect the economic or social welfare and activities of the community, county or state.
- E. The proposed action will not result in substantial secondary impacts.
- F. The proposed project will not produce cumulative impacts and does not have considerable effect upon the environment or involve a commitment for larger actions.
  - The subject property is the last remaining property along the 500 feet of shoreline between two rocky headlands that is not armored. Therefore, construction of the proposed retaining wall will not encourage additional development of seawalls.

As Jim Buika noted earlier, on February 26 the Commission accepted the FEA for the proposed retaining wall and issued a Finding of No Significant Impact. Therefore your task today is to determine if the proposed action adheres to the objectives and policies and significance criteria of the Special Management Area and Shoreline Rules for the Maui Planning Commission and meets the criteria for approval of a variance.

Pursuant to the Rules and Regulations of the Planning Commission of the County of Maui, projects located within the SMA are evaluated with respect to significance of potential environmental and ecological effects.

The SMA permit application supports the following conclusions:

**Walter Hester Residence Proposed Retaining Wall  
Special Management Area Significance Criteria (cont.)**

- G. The proposed project will not affect a rare, threatened, or endangered species, or its habitat.
- H. The proposed project is not contrary to the state plan, county's general plan, the West Maui Community Plan, and zoning and subdivision ordinances.
  - Short-term construction-related air, noise and dust impacts will be mitigated through implementation of standard mitigation measures.
- I. The proposed action will not substantially or adversely affect air and water quality or ambient noise levels.
- J. The proposed action will not affect an environmentally sensitive area.
  - The proposed wall will be constructed inland of the waterline and Best Management Practices (BMP's) will be implemented to mitigate construction-phase impacts on the nearshore marine environment. In the long-term, the wall may improve turbidity conditions in the bay given that hardening of the upper cliff face will mitigate further erosion of the silty clay substrate.
- K. The proposed action will not substantially alter natural land forms and existing public views to and along the shoreline.
- L. The proposed action is not contrary to the objectives and policies of Chapter 205A, HRS, as demonstrated in the following analysis:

Pursuant to the Rules and Regulations of the Planning Commission of the County of Maui, projects located within the SMA are evaluated with respect to significance of potential environmental and ecological effects.

The SMA permit application supports the following conclusions:

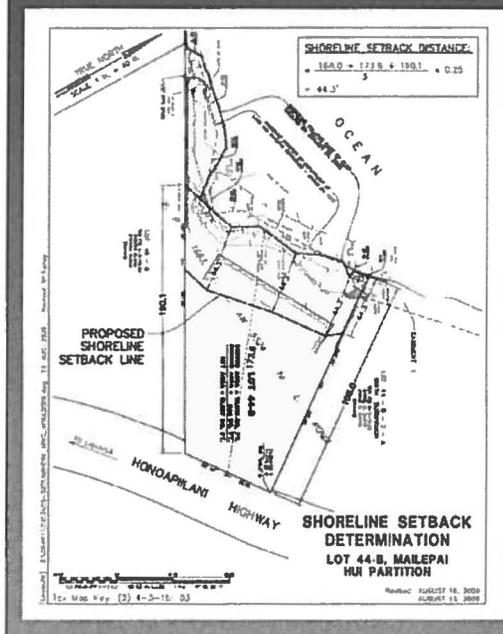
**Walter Hester Residence Proposed Retaining Wall**  
**Special Management Area Objectives & Policies**

1. Recreational Resources.
  - The proposed retaining wall will enhance public safety in the shoreline area immediately beneath the subject property. It will not narrow the beach and will not inhibit lateral access along the shoreline.
2. Historical/Cultural Resources.
  - The Archaeological Assessment and Cultural Impact Assessment for the proposed project concluded that impacts to historical and cultural resources are not expected.
3. Scenic & Open Space Resources.
  - The proposed project is not anticipated to impact public view corridors or the visual character of the area. The wall will have a total height of only 10 feet; the rock facing used will be consistent with the existing wall to the north; and terracing and overhanging vegetation will provide visual mitigation.
4. Coastal Ecosystems.
  - The proposed retaining wall will help to protect the quality of the nearshore marine environment by preventing siltation from erosion of the upper cliff face.
5. Economic Uses.
  - The existing single-family residential use of the property is consistent with State and County plans and supporting infrastructure and services exists in the area.

**Walter Hester Residence Proposed Retaining Wall  
Special Management Area Objectives & Policies (cont.)**

6. Coastal Hazards.
  - The proposed action will protect the subject property and structures from erosion due to storm waves. Stabilization of the shoreline will also provide greater safety to the neighboring property and protect the beach and nearshore waters from erosion impacts caused by storm waves and inland runoff.
7. Managing Development.
  - The proposed action is being conducted in accordance with all applicable State and County requirements.
8. Public Participation.
  - Early consultation, application notice, and public hearing notice have been provided to neighbors within 500 feet of the project as part of the Draft EA and SMA application process.
9. Beach Protection.
  - The proposed retaining wall is mauka of the shoreline and will result in an improved aesthetic and engineering solution to the erosion problem at the subject property. The retaining wall will not interfere with existing recreational and waterline activities.
10. Marine Resources.
  - The proposed retaining wall will aid in the protection of nearshore waters and marine resources from erosion-borne sediment.

## Walter Hester Residence Proposed Retaining Wall Shoreline Setback Assessment



- ◆ Shoreline Survey Certified by D.L.N.R May 18, 2009
- ◆ Annual Erosion Hazard Rate (AEHR) does not apply
- ◆ Average Lot Depth (ALD) used to calculate shoreline setback
- ◆ Shoreline Setback = 44.3 feet

The shoreline survey was certified by the Department of Land and Natural Resources on May 18, 2009. The map indicates that the shoreline follows the base of a rocky cliff that runs along the *makai* boundary of the subject property.

The subject parcel is fronted by a high cliff, and the shoreline is to be fixed by an "artificial structure" therefore the Annual Erosion Hazard Rate (AEHR) method of calculating the Shoreline Setback therefore does not apply to the subject property.

Using the Average Lot Depth (ALD) method, the proposed shoreline setback for the parcel is **44.3 feet**

**Walter Hester Residence Proposed Retaining Wall**  
**Shoreline Rules for the Maui Planning Commission**

1. That use and enjoyment of the shoreline area be ensured for the public to the fullest extent possible.
  - The proposed project will not prevent the public from full use and enjoyment of the shoreline area to which it is already entitled.
2. That the natural shoreline environment be preserved.
  - No structures are proposed for construction on the shoreline itself, and no dune or beach resource is present on the site, therefore the proposed action does not alter the natural shoreline environment.
3. That man-made features in the shoreline are be limited to features compatible with the shoreline area.
  - The subject property is the last remaining property along the 500 feet of shoreline in the bay that is not armored, therefore the proposed action is compatible with the shoreline as it currently appears.
4. That the natural movement of the shoreline be protected from development.
  - The steep sea cliff acts as a natural wall to reflect wave impact. The proposed retaining wall is therefore not expected to affect coastal processes in a manner different from existing conditions.
5. That the quality of scenic and open space resources be protected, preserved, and where desirable, restored.
  - The proposed retaining wall will not impact scenic resources.
6. That adequate public access to and along the shoreline be provided.
  - The proposed project does not restrict public access to or along the shoreline.

Now we will move on the Shoreline Setback Variance.

The shoreline was certified by the state on May 18, 2009, and the Certified Shoreline Survey Map is still valid. The map indicates that the shoreline follows the base of the rocky cliff that runs along the makai boundary of the subject property.

The proposed retaining wall is consistent with the following Shoreline Rules for the Maui Planning Commission:

**Walter Hester Residence Proposed Retaining Wall**  
**Criteria for Approval of a Variance**

1. The applicant would be deprived of reasonable use of the land if required to fully comply with the shoreline setback rules.
  - The existing condition of the bluff, along with prior documentation of erosion at the site, indicates that if left unchecked, erosion will continue, eventually threatening structures on the property as well as on neighboring properties.
2. The applicant's proposal is due to unique circumstances and does not draw into question the reasonableness of the shoreline setback rules.
  - The proposed project does not draw into question the reasonableness of the shoreline rules. The purpose of the retaining wall is to prevent future erosion of the property and potential undermining of the neighboring wall; to prevent eroded soil from entering coastal waters; and to remove the existing public hazard.
3. The proposal is the practicable alternative which best conforms to the purpose of the shoreline setback rules.
  - The proposed alternative is the practicable option which best conforms to the purpose of the Shoreline Setback Rules.

The proposed retaining wall also meets the following criteria for approval of a variance:

Walter Hester Residence Proposed Retaining Wall  
Conclusion

- ✓ SMA Significance Criteria
- ✓ SMA Objectives & Policies
- ✓ Shoreline Rules for the Maui Planning Commission
- ✓ Criteria for Approval of a Variance

In conclusion, the proposed retaining wall adheres to the objectives and policies and significance criteria of the Special Management Area and Shoreline Rules for the Maui Planning Commission and meets the criteria for approval of a variance. Therefore we respectfully ask for your approval of the SMA Use Permit and Shoreline Setback Variance.



Thank you Chair and Commissioners for hearing our presentation today and we will be happy to answer any questions you may have.



1. Sea Cliff Fronting Subject Property (Looking North East)



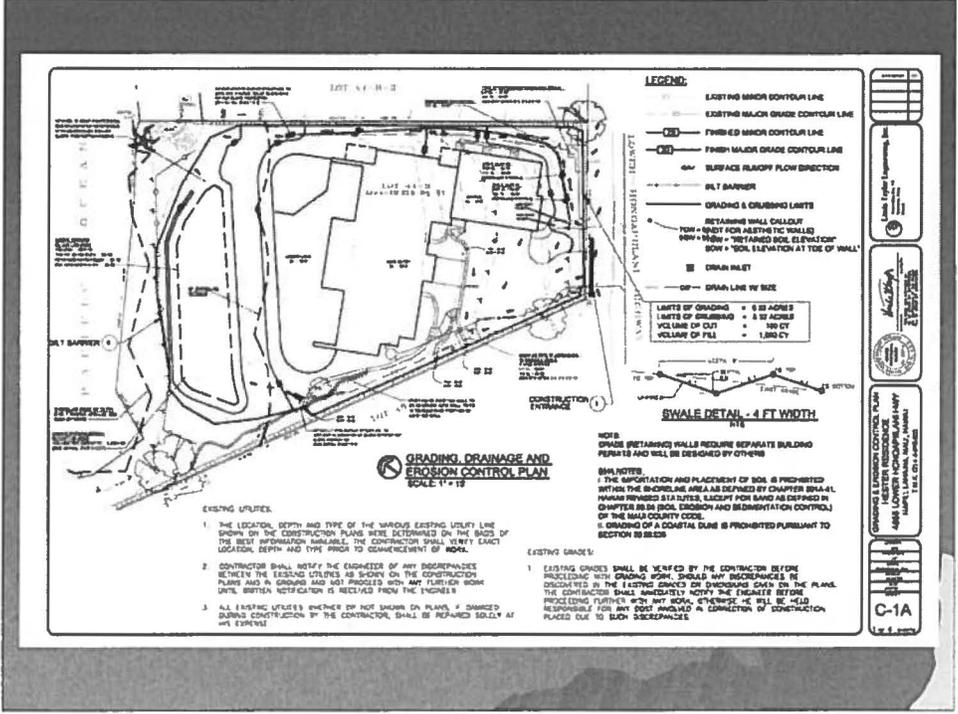
2. South End of Konoval Bay Fronting Subject Property (Looking South)

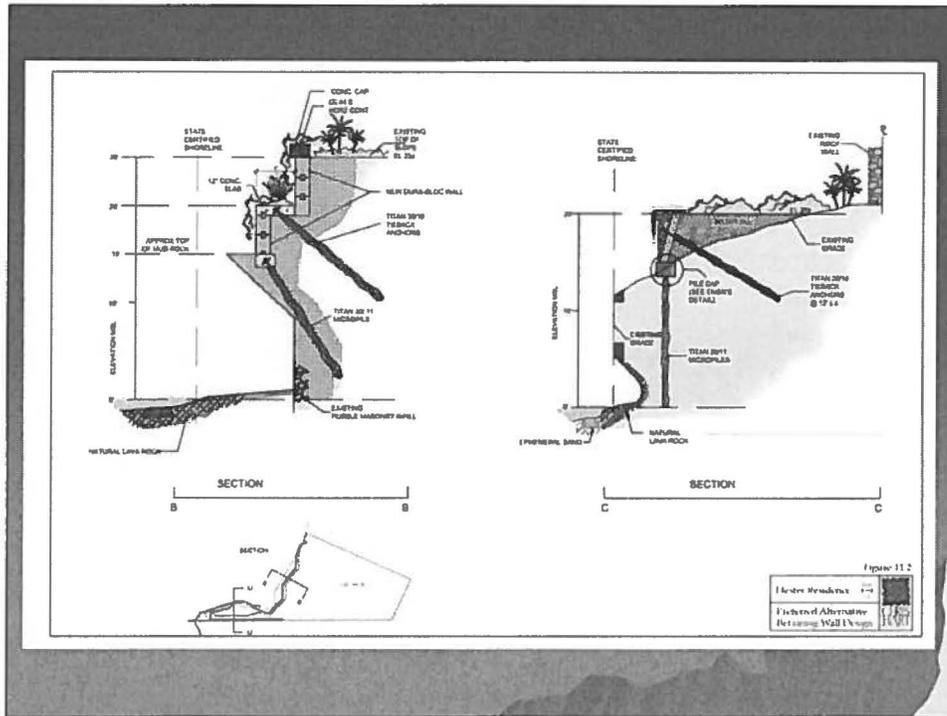


3. South End of Konoval Bay Fronting Subject Property (Close View) (Looking South)



4. Sea Cliff Fronting Southern Most Portion of Subject Property (Looking South West)

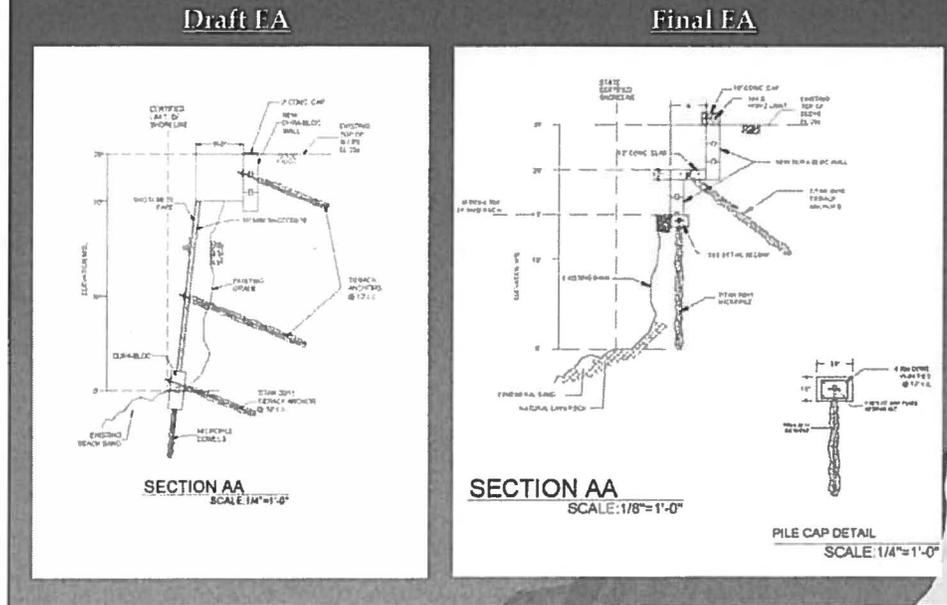




Section B depicts the proposed retaining wall design at a mid point along the property, where erosional caves have formed.

And Section C depicts the proposed retaining wall design along the southern end of the property, where the cliff face extends toward the point.

## Walter Hester Residence Proposed Retaining Wall Wall Design Changes from DEA to FEA



Here are the engineering drawings for the previously proposed wall and the revised retaining wall.

Again, the Draft EA wall design was a 25 foot high wall spanning the full height of the bank, while the revised design currently proposed is a 10 foot high retaining wall at the top of the bank.



View of slope failure from above looking south



View from slope showing top of failed slope



View from below looking south

Figure 19  
Hole Major slope  
Collapse Pictures  
Forest Service

Exhibit C  
**Historical Shoreline  
Conditions**



1975



1988



11 Hale Malia Place  
Shoreline Slope Repair

Historic Shoreline  
Mosaic Photos

Courtesy UH-SOEST Coastal Geology Group





The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In addition, it is crucial to review the records regularly to identify any discrepancies or errors. This proactive approach helps in catching mistakes early and prevents them from escalating into larger issues. The document also mentions the need for secure storage of these records to protect them from loss or unauthorized access.

Furthermore, the document outlines the steps for reconciling the records with the bank statements. This process involves comparing the entries in the ledger with the transactions shown on the bank statement. Any differences should be investigated and explained. The final step is to sign and date the reconciliation statement, which serves as a confirmation of the accuracy of the records.

1992



Subject Property

1997



Subject Property

11 Hale Malia Place  
Shoreline Slope Repair

Historic Shoreline  
Mosaic Photos

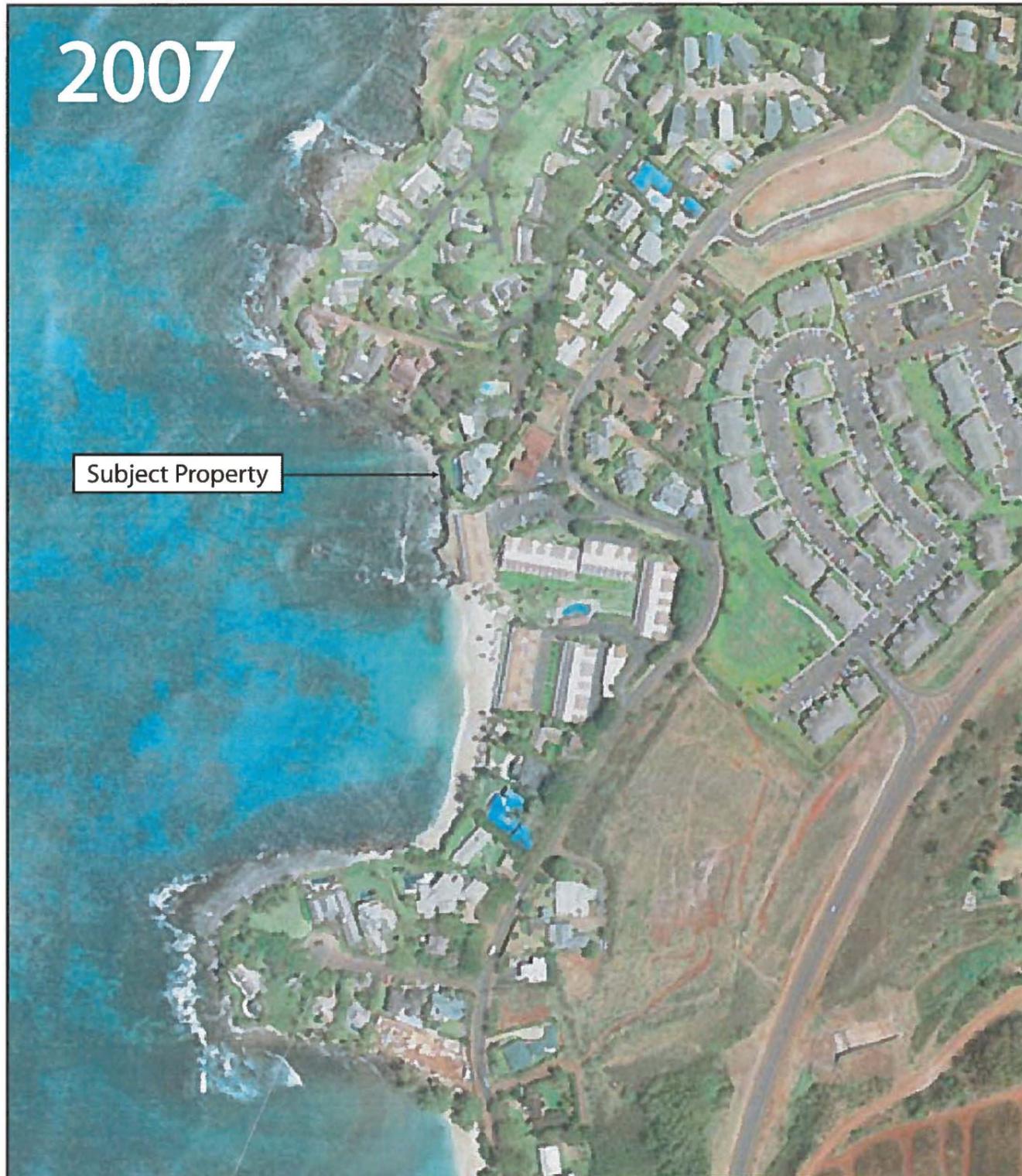
Courtesy UH-SOEST Coastal Geology Group





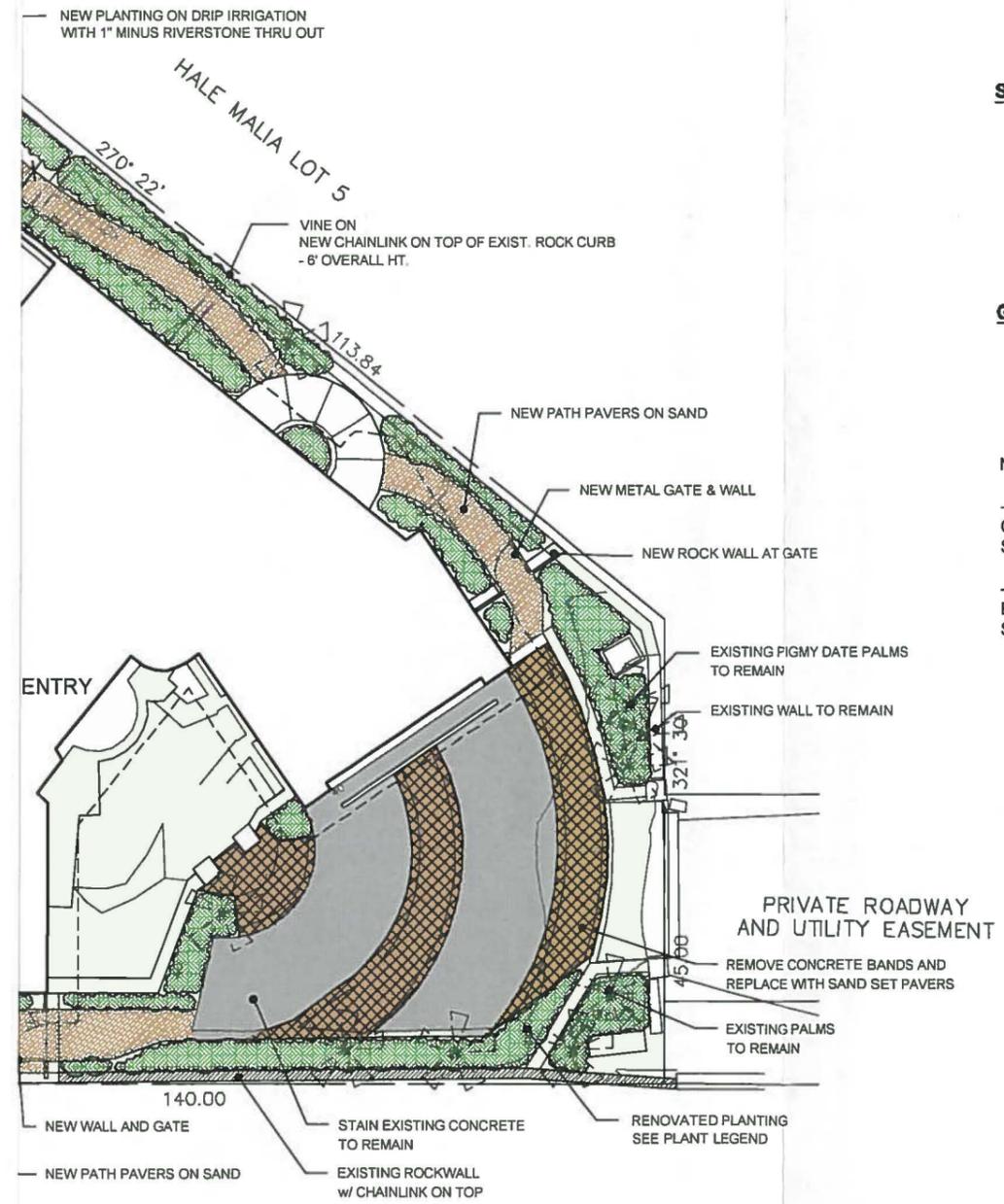
2007

Subject Property



11 Hale Malia Place  
Shoreline Slope Repair

Historic Shoreline  
Mosaic Photos  
Courtesy UH-SOEST Coastal Geology Group



**PLANT PALETTE**

**TREES**

- FLUMERIA
- JATROPHA
- ARECA PALM
- PIGMY DATE PALM
- MACARTHUR PALM

**SHRUBS**

- GOLDEN DURANTA
- ELDORADO YELLOW-VEIN
- RED GINGER
- GREEN TI
- GARDENIA
- BAMBOO
- CROTON

**GROUND COVER**

- LAUAE FERN
- HEMIGRAPHIS
- BACOPA

**NOTES:**

- ONLY BEACH QUALITY SAND & COMPOST TO BE USED IN SHORELINE SETBACK
- ALL PLANTING WILL BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM

**Landscape Plan**

RESIDENCE

LIA PLACE, MAUI, HI



SCALE: 1/8"=1'-0"  
PROJECT: 09-039  
DATE: 10/20/09  
REV. DATE: 5/20/09

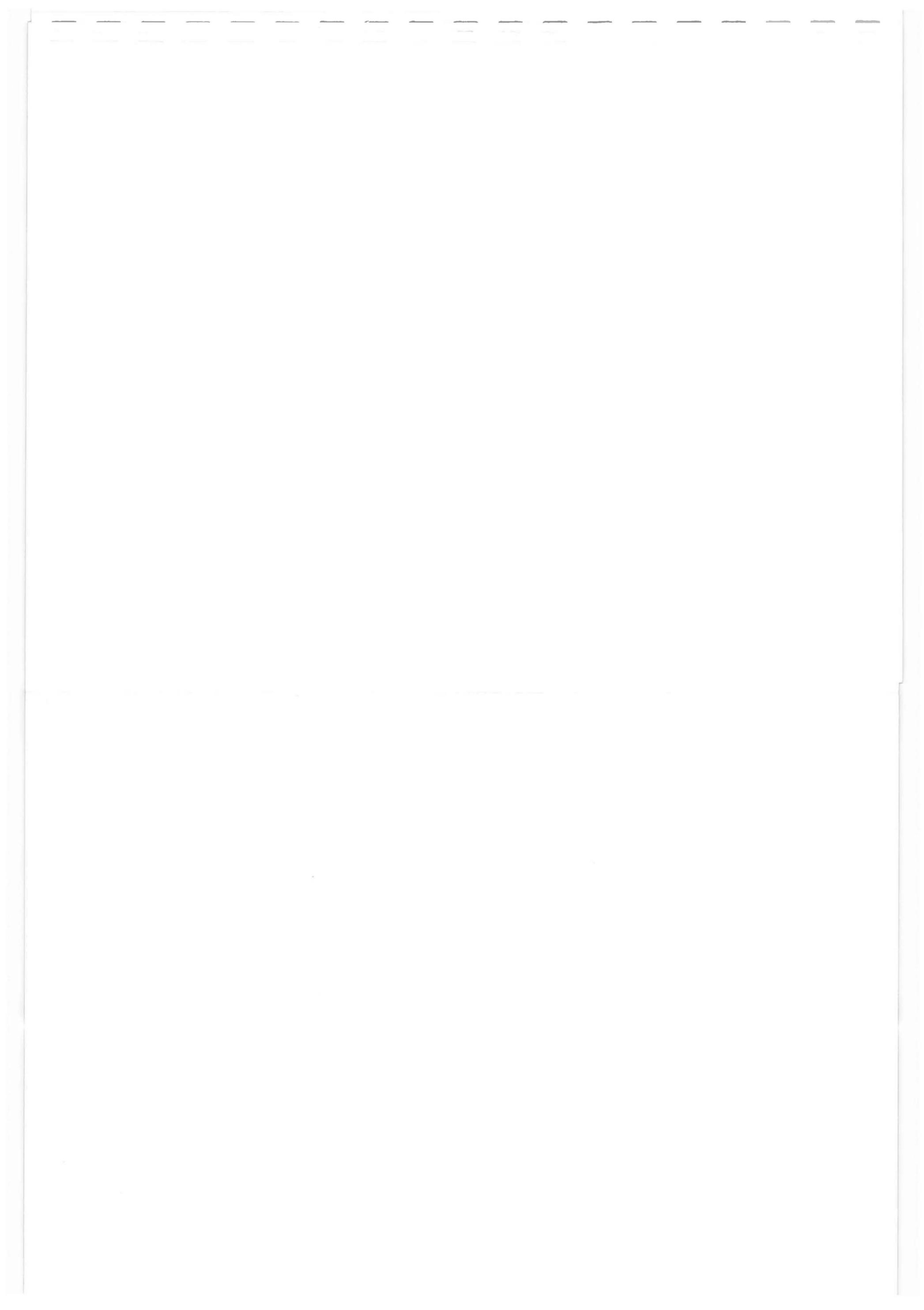


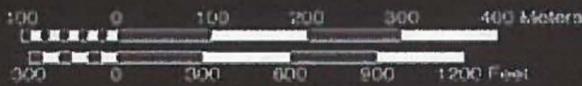


Exhibit E  
Alaeloa Annual  
Erosion Hazard Rate  
(AEHR) Map

# Alaeoia, Maui, Hawaii

## Smoothed Erosion Rates

Scale 1:3000



Alaeoia

Maui

The Alaeoia study area extends from Haukoia Point in the south to Namali Bay in the north. This area is a series of bays and coves with small white sand and cobble pocket beaches interspersed. Offshore is basaltic hard bottom and sand.

As a whole, the area has experienced moderate to high erosion since 1912 with an average AEHR of -0.9 ft/yr. Keonenui Beach (transects 1 - 14) is partially backed by a revetment constructed prior to 1980 to protect private property. The beach has experienced moderate erosion over time with an average AEHR of -1.0 ft/yr. To the north, Alaeoia Beach (transects 17 and 18) occupies a small cove and has experienced moderate erosion with an average AEHR of -1.0 ft/yr. Honokaaia Bay (transects 25 - 26) is comprised primarily of cobble beach. It has experienced moderate erosion with an average AEHR of -0.8 ft/yr. Napili Bay (transects 32 - 47) has experienced moderate erosion over time with an average AEHR of -0.8 ft/yr. Kapalua Bay (transects 53 - 62) has experienced moderate erosion since 1912 with an average AEHR of -1.2 ft/yr.

Trends identified in this study generally agree with those found by Sea Engineering, 1991\*. At Kapalua Bay, Sea Engineering found this beach to be relatively stable. Rate differences may be attributed to methodology, specifically the study's inclusion of the 1912 and 1960 T-sheet shorelines.

Average beach width, the average horizontal distance from the vegetation line to the low water mark, within the Alaeoia area has decreased 38% between 1949 and 1997. At Keonenui Beach, average beach width has decreased 43% between 1949 and 1997, while average beach width at Alaeoia Beach has decreased 42% for the same time period. Average beach width at both Honokaaia and Napili Bays has decreased 53% between 1949 and 1997. Average beach width at Kapalua Bay has decreased 44% between 1949 and 1997.

\* Naval Ocean Engineering and Live Engineering, 1991. Aerial Photograph Analysis of Coastal Erosion on the Islands of Maui, Molokai, Lanai, Maui, and Hawaii. State of Hawaii Office of Planning, Coastal Zone Management Program.

### HISTORICAL SHORELINES

- 1912
- Nov 1949
- 1960
- Mar 1975
- Aug 1987
- Mar 1988
- Nov 1992
- May 1997
- Erosion rate measurement locations (shore normal transects)

Historical beach positions, color coded by year, are determined using orthorectified and georeferenced aerial photographs and National Ocean Survey (NOS) topographic survey charts. The low water mark is used as the historical shoreline, or shoreline change reference feature (SCRFF).

For situations in which there is coastal armoring or rocky shoreline seaward of any vegetation, the vegetation line is drawn along the seaward side of the rock or armoring. If there is no sandy beach in these areas, both the vegetation line and the SCRFF are delineated along the mean high water line.

Movement of the SCRFF is used to calculate erosion rates along shore-normal transects spaced every 20 m (66 ft) along the shoreline. The 1987 SCRFF is not used in the calculation of the AEHR, however it provides a gauge of seasonal uncertainty.

### EROSION RATES

#### Annual Erosion Hazard Rates (AEHR)

Erosion rates are measured every 20 m along the shoreline. These sites are denoted by yellow shore normal transects. The Annual Erosion Hazard Rate (AEHR) is a spatially smoothed center weighted average of calculated erosion rates. Five contiguous transects are incorporated in the smoothing process. The transects are weighted: 1-3-5-3-1 with the smoothed rate assigned to the center transect. The AEHRs are shown on the shore-parallel histogram graph. Colored bars on the graph correspond to shore-normal transects; approximately every fifth transect and bar are numbered. Where necessary, some transects have been purposely deleted during data processing; as a result, transect numbering is not consecutive everywhere. Where complete beach loss has occurred, erosion rate calculations apply only to the time period when a beach existed.

AEHRs for the Alaeoia area were calculated using all data available between 1912 and 1997. Despite some scatter, shorelines between 1912 and 1997 show a reasonably consistent trend and are used to calculate AEHRs for this area.

Subject Property



Produced for the County of Maui by:  
Coastal Geology Group  
Department of Geology and Geophysics  
School of Ocean and Earth Science and Technology  
University of Hawaii at Manoa  
1580 East - West Road  
Honolulu, Hawaii 96822

Published under  
Contract No. G0605

741300m E UTM coordinates  
156°40'40" W latitude/longitude coordinates

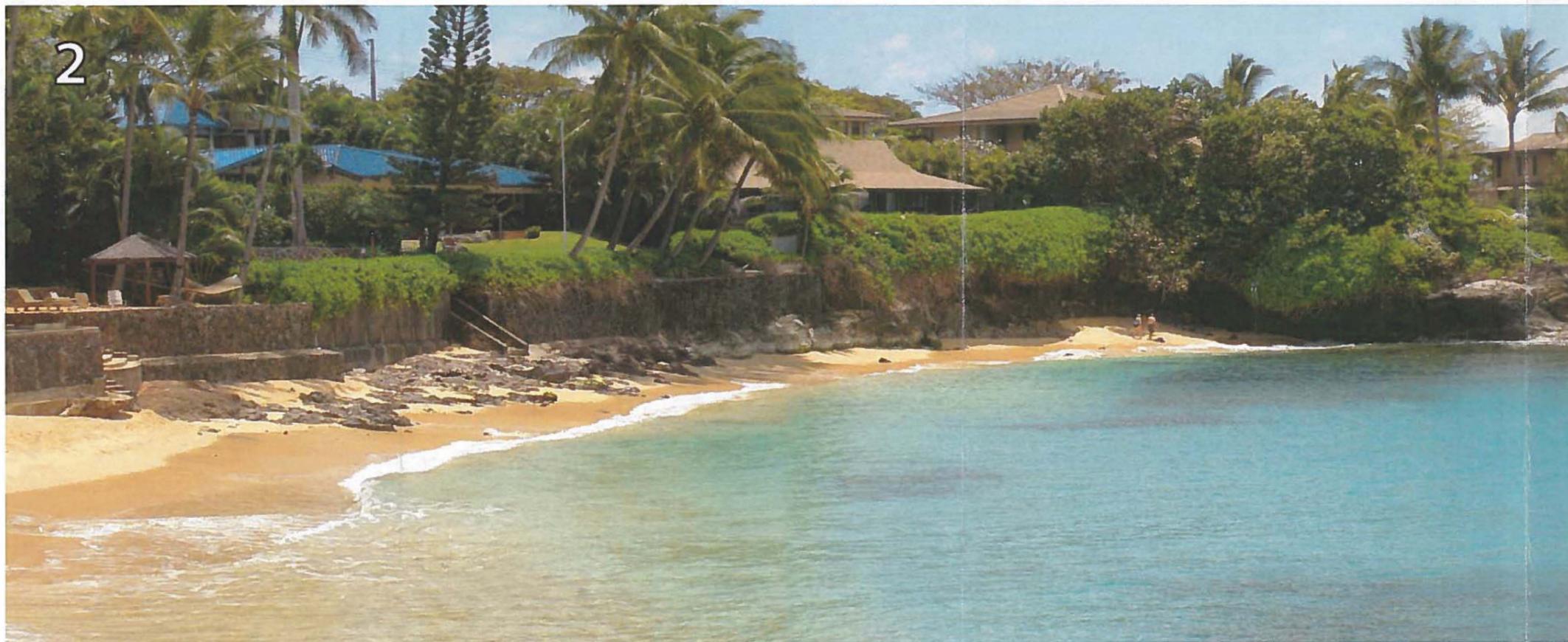
741300m E 156°40'40" W 20° 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 743100m E

**Exhibit F**  
**Photographic**  
**Documentation of**  
**Lateral Shoreline Access**

1-2. Lateral Shoreline Access  
along Keonenui Bay, facing  
south from rocky outcrop at  
Kahana Sunset Condominium



Location of Public Shoreline  
Access from Hui Rd. E



11 Hale Malia Place  
Shoreline Slope Repair  
Lateral Shoreline Access  
Fronting Keonenui Bay



3. Facing south along Keonenui Bay from rocky outcrop at Kahana Sunset Condominium



4-5. Facing north toward rocky outcrop separating Kahana Sunset from subject property

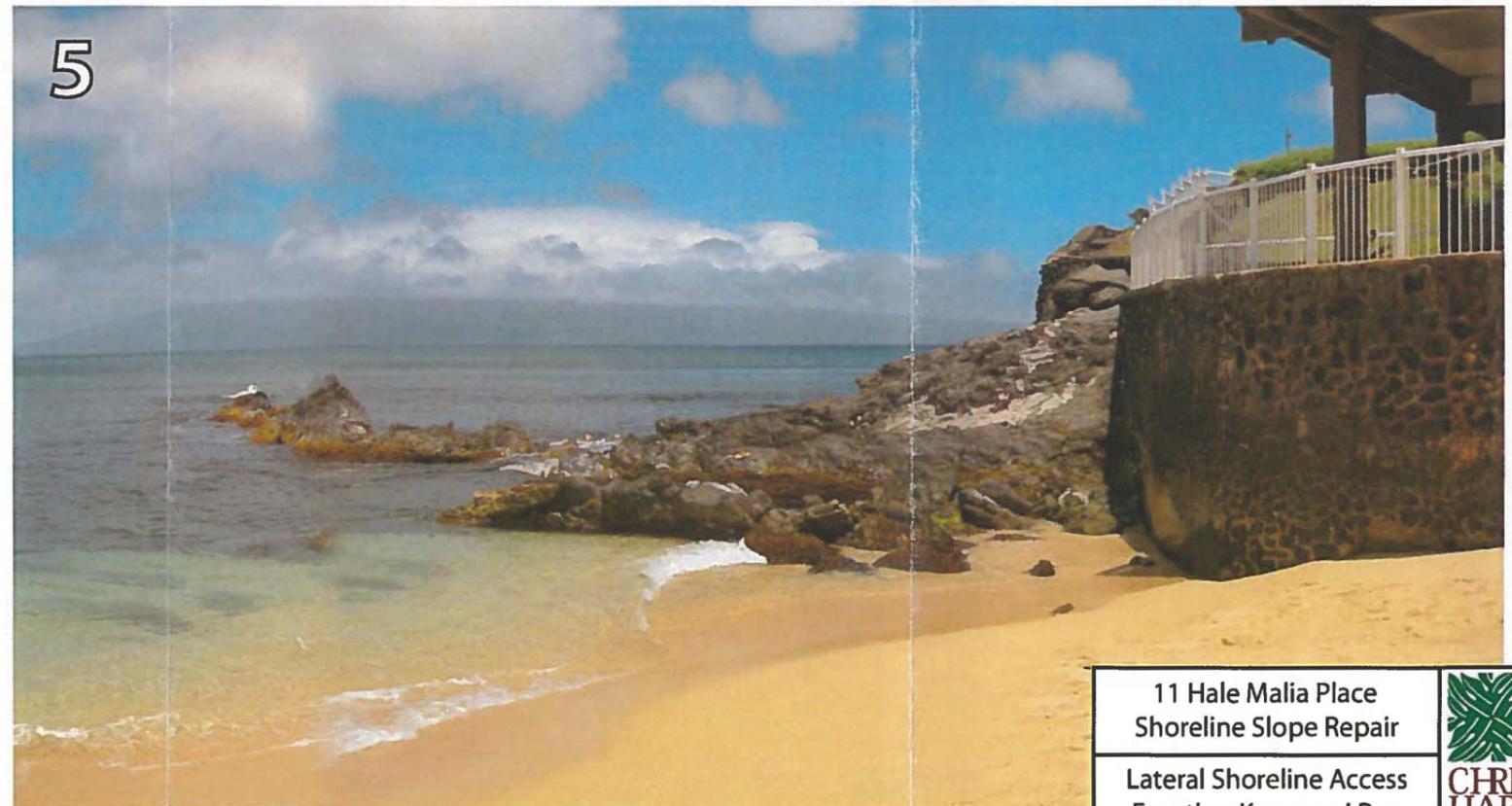
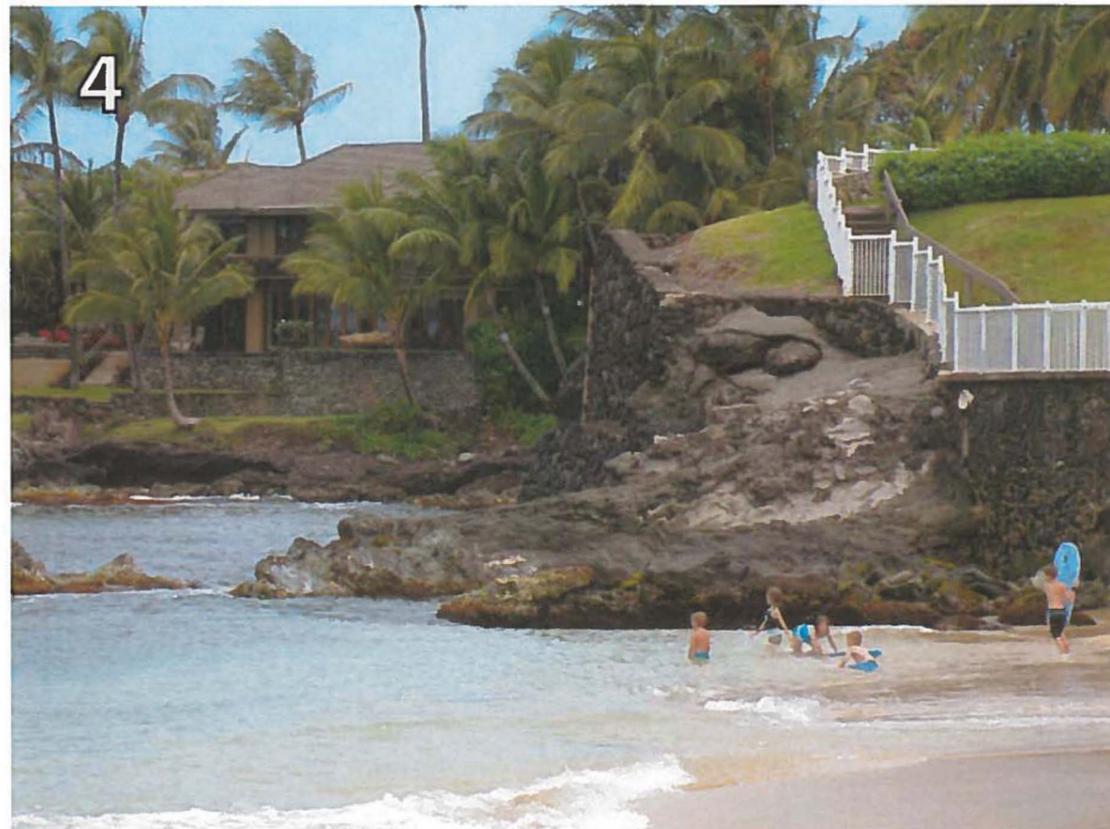


Exhibit G  
Signed Contractor  
Release Forms

**TRANSMITTAL COVERSHEET**

**EDWARDS DESIGN GROUP, INC.**

Architecture & Interior Design

1357 Kapiolani Blvd. Suite 1120 Honolulu, Hawaii 96814 (808) 951-5926 / FAX (808) 951-6519

PROJECT: 11 HALE MALIA PLACE  
DATE: 4.16.10  
TO: CHRIS HART & PARTNERS, INC.  
ADDRESS: 115 N. MARKET STREET  
WAILUKU, MAUI, HI 96793-1706  
PHONE NO: 808-242-1955  
ATTENTION: **JASON MEDEMA**  
FROM: JOHN EDWARDS

We are sending you the following documents:

attached     under separate cover     by hand

Copies	Description
1	L.O.TRANSMITTAL, PACIFIC GROUND SYSTEMS: RELEASE FORMS (ORIGINALS)

as requested     for your records     for your use     for review and comment

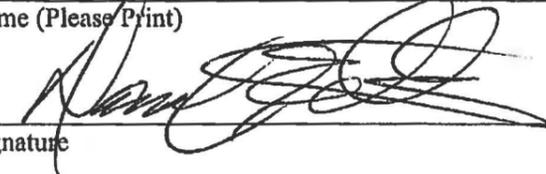
Remarks:

To Whom It May Concern:

I was directly involved on-site with excavation and construction activities related to the placement of a structurally engineered shoreline retaining system at the site of a collapsed bluff and seawall located at 11 Hale Malia Place, Lahaina, Maui, HI, TMK (2) 4-3-003:096, which took place between March, 2009 and November, 2009. At no time during the excavation and construction operations did I encounter any human remains or Native Hawaiian cultural artifacts, nor any sub-surface features which would suggest the presence of human remains or Native Hawaiian cultural artifacts.

DANIEL E ORTIZ

Name (Please Print)



Signature

4/13/10

Date

To Whom It May Concern:

I was directly involved on-site with excavation and construction activities related to the placement of a structurally engineered shoreline retaining system at the site of a collapsed bluff and seawall located at 11 Hale Malia Place, Lahaina, Maui, HI, TMK (2) 4-3-003:096, which took place between March, 2009 and November, 2009. At no time during the excavation and construction operations did I encounter any human remains or Native Hawaiian cultural artifacts, nor any sub-surface features which would suggest the presence of human remains or Native Hawaiian cultural artifacts.

DAVID P. WEBER  
Name (Please Print)

  
Signature

4/13/10  
Date

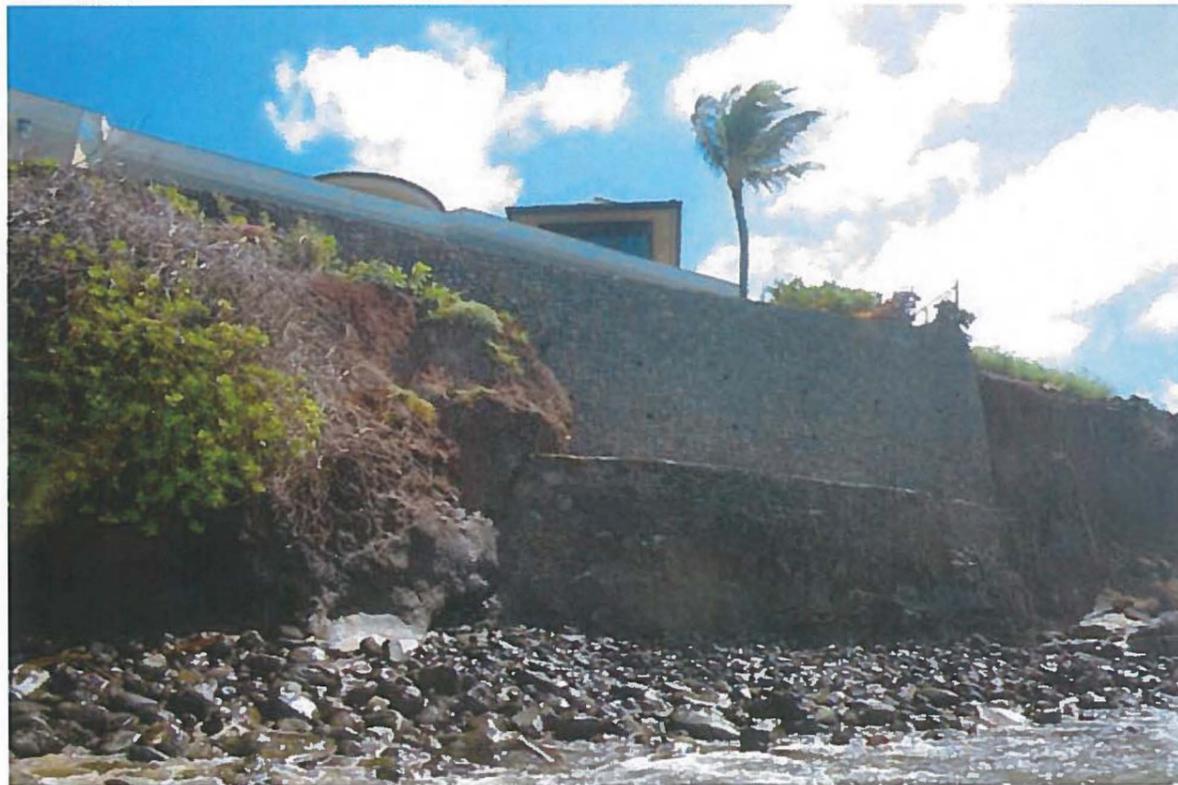
Exhibit H  
**Pre- and Post-  
Construction  
Shoreline  
Conditions**



1. View along shoreline facing south, March 20, 2008



2. View along shoreline facing north from southern property boundary, January 15, 2009



2. Completed wall and adjacent shoreline area, October 18, 2009



4. View of shoreline area and wall, facing north from Kahana Sunset property, April 29, 2010

<p>11 Hale Malia Place Shoreline Slope Repair</p>	
<p>Shoreline Conditions Pre- and Post-Construction</p>	