

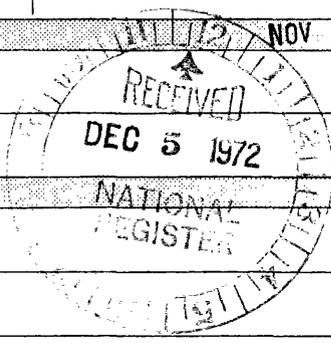
PH00 5 5883

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE: Hawaii	
COUNTY: Hawaii	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

5/193480
 2118200
 2118000
 193200
 2118200
 192900
 2118200
 193100



1. NAME

COMMON:
AHOLE HOLUA COMPLEX

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER:
Ahole Bay, South Kona, Hawaii Island

CITY OR TOWN:
Milolihi community

STATE: Hawaii CODE: 15 COUNTY: Hawaii CODE: 01

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input checked="" type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input type="checkbox"/> Structure <input type="checkbox"/> Object	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input checked="" type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) <u>Unused</u>

Yes:
 Restricted
 Unrestricted
 No

4. OWNER OF PROPERTY

OWNER'S NAME:
B. P. Bishop Estate

STREET AND NUMBER:
519 Halekauwila Street

CITY OR TOWN: Honolulu STATE: Hawaii CODE: 15

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.:
Bureau of Conveyances, Department of Land & Natural Resources

STREET AND NUMBER:
465 S. King Street

CITY OR TOWN: Honolulu STATE: Hawaii CODE: 15

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
Survey of West Hawaii

DATE OF SURVEY: 1930 Federal State County Local

DEPOSITORY FOR SURVEY RECORDS:
Bishop Museum

STREET AND NUMBER:
1355 Kalihi Street

CITY OR TOWN: Honolulu STATE: Hawaii CODE: 15

STATE: Hawaii
 COUNTY: Hawaii
 ENTRY NUMBER: 5883
 DATE: NOV 26 1973

SEE INSTRUCTIONS

7 DESCRIPTION

CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input type="checkbox"/> Altered	<input checked="" type="checkbox"/> Unaltered		<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site	

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

SEE INSTRUCTIONS

To the south of Lae o Ahole Complex, (50-10-65-2133), this group of sites is located on the aa bluff inland of Puu Hinahina Bay. It is dominated by the massiveness of Ahole holua and indeed the smaller features near the slide may very well be functionally dependent upon this main feature.

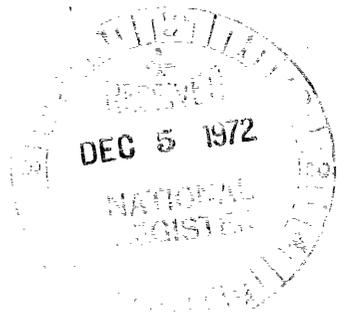
steeply sloping sliding ramp (ca 60 m long) AND A

The slide itself consists of a runway (2.5 m wide, ca. .5 m high on the eastern or top end of the slide). The runway is almost exactly 23 m long and is covered with stones approximately 30 cm in diameter. An alignment of water-worn stones and a rise in height of approximately 30 cm marks the beginning of the slide itself. Aside from these water-worn stones, the rest of the slide surface and facing is constructed with aa stones of varying size. The slide surface is about .5 m wider than the runway (6.25 m on each side) and is finished with quite small aa fragments. The height of the slide varies to make a smooth steep slope. The first meter or so from the top is fairly flat; the next 31 m are steeply sloping, at least 1:3. The next 15 m form a very steep slope 5':11". The last 20 m are again flat and the surfaces change to 'ili'ili and coral with only small amounts of aa strewn about.

Its condition is excellent; if there is any destruction, it is only at the lower end where reported high seas and kiawe growth may have altered it and ruts in the slide area may have been made by goats in the area.

On the aa bluff to the north of the holua are large numbers of what appear to be the gallery terraces described by Violet Hansen and Kenneth Emory. Of these, at least 8 separate structures (platforms, walls, stepping stone trails, shelters and walled enclosures) could be counted. These are situated in such a manner as to present a good view of the slide and it is not improbable that these features were used for just that function. The surface of the entire area between these features is covered with the "popcorn and peanuts" of the day--opihi, cowrie, pipipi and conus together with kukui nut shells, animal bone and coconut fragments. These do not seem to occur in very deep layers signifying, perhaps, a temporary rather than permanent use of the area. The limits of the separate features are in some cases difficult to distinguish and it seems more logical to consider the area as a whole than as individual units.

In addition, at the bottom or southwest of the holua there is a walled enclosure which may have been a house site.



SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- | | | | |
|--|---------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Pre-Columbian | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century | <input type="checkbox"/> 20th Century |
| <input type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input type="checkbox"/> 19th Century | <input checked="" type="checkbox"/> Pre-1778 |

SPECIFIC DATE(S) (If Applicable and Known)

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input checked="" type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Philosophy | <input checked="" type="checkbox"/> Other (Specify)
<u>Recreation</u> |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | <input type="checkbox"/> Science | _____ |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape Architecture | <input type="checkbox"/> Social/Humanitarian | _____ |
| <input type="checkbox"/> Art | <input type="checkbox"/> Literature | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Military | <input type="checkbox"/> Transportation | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Music | | |
| <input type="checkbox"/> Conservation | | | |

STATEMENT OF SIGNIFICANCE

This is one of the best preserved holua on Hawaii Island, and within the entire state. Holua are massively constructed ramps, made of stacked stone, that were used as tracks for wooden toboggans, or sleds by the ancient Hawaiians. The flat slope was covered with grasses to make the narrow fragile sleds able to reach high rates of speed on their downward runs. Typically, and present in this case, is a running platform along which the sledder raced before flopping down on the sled at the beginning of the slope down.

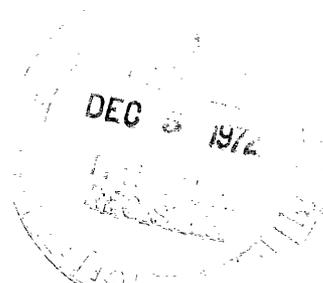
Interesting and significant here is the presence of a number of platforms constructed of stone that are located alongside the holua. These were undoubtedly for the spectators who watched the sport.

A holua of this magnitude and elegance indicates the complexity of ancient Hawaiian culture wherein large labor forces could be marshalled to produce a luxury structure dedicated to a recreational use by the higher ranking Hawaiians.

The creation of a proper slide, with its required slope (much like that of a western ski jump), flatness of top, and proper length to ensure both sled speed and a deceleration area, are indicative of the highly developed skills of the ancient Hawaiians in stonework engineering.

In summary, the Ahole Holua complex is of great value for interpreting this interesting recreational pursuit of the ancient Hawaiians. It also provides structural information of basic research value on the engineering techniques of ancient Hawaii.

SEE INSTRUCTIONS



9 MAJOR BIBLIOGRAPHICAL REFERENCES

Reinecke, John E.

1930 SURVEY OF SITES ON WEST HAWAII. Manuscript.
Bishop Museum, Honolulu.

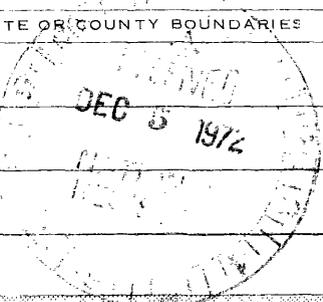
10 GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY				O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES			
CORNER	LATITUDE				LONGITUDE			
	Degrees	Minutes	Seconds		Degrees	Minutes	Seconds	
NW	19°	08'	25"	155°	55'	02"		
NE	19°	08'	23"	155°	54'	49"		
SE	19°	08'	17"	155°	54'	56"		
SW	19°	08'	21"	155°	55'	06"		

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 29

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE



SEE INSTRUCTIONS

11 FORM PREPARED BY

NAME AND TITLE:
T. Stell Newman, Archaeologist

ORGANIZATION: **Division of State Parks** DATE: **August 23, 1972**

STREET AND NUMBER:
P. O. Box 621

CITY OR TOWN: **Honolulu** STATE: **Hawaii** CODE: **15**

12 STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name

State Liaison Officer

Date

November 22, 1972

I hereby certify that this property is included in the National Register.

Associate Director, Professional Services

Date

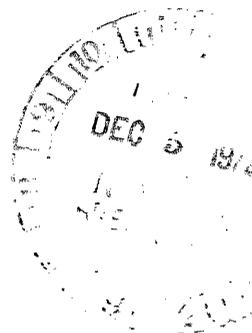
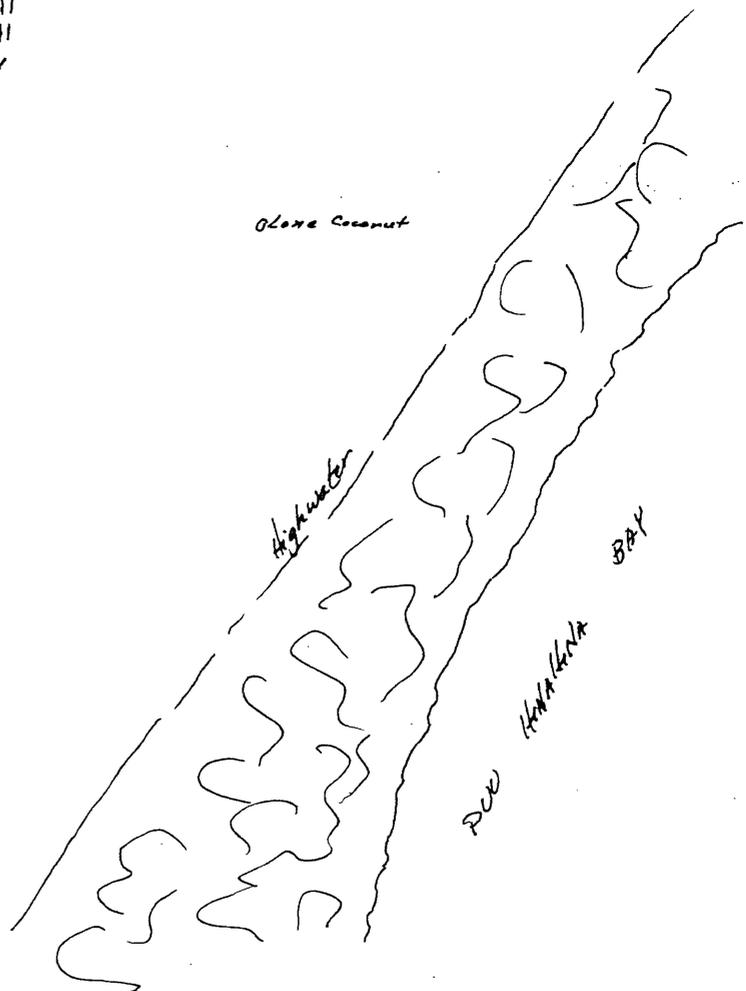
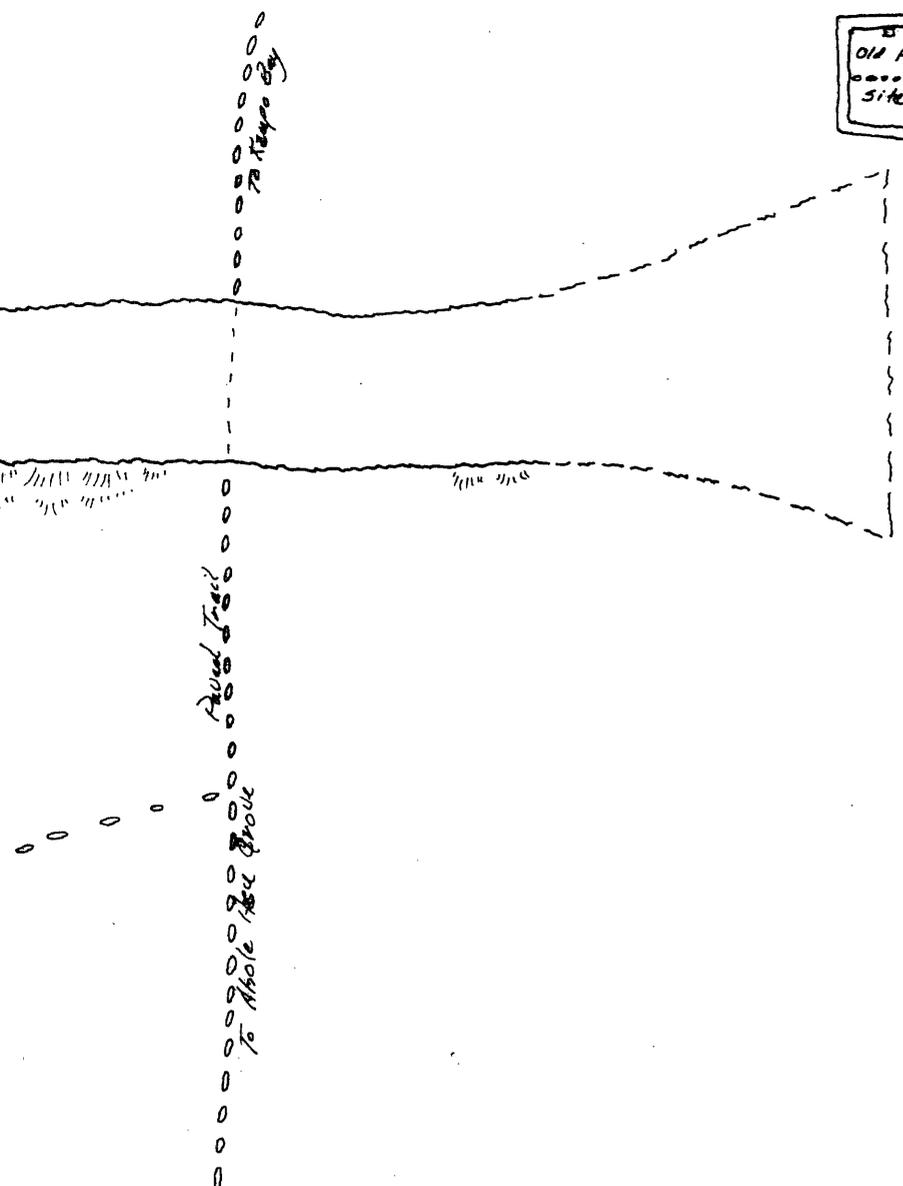
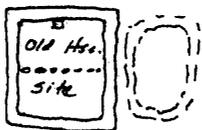
11/26/73

ATTEST:

Keeper of The National Register

Date

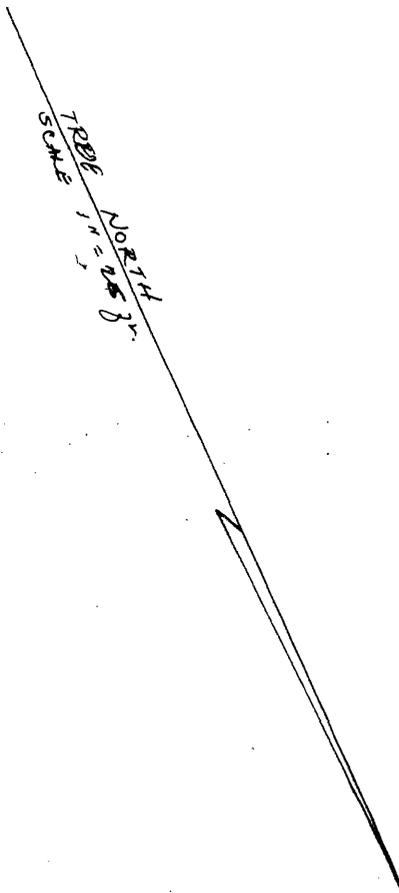
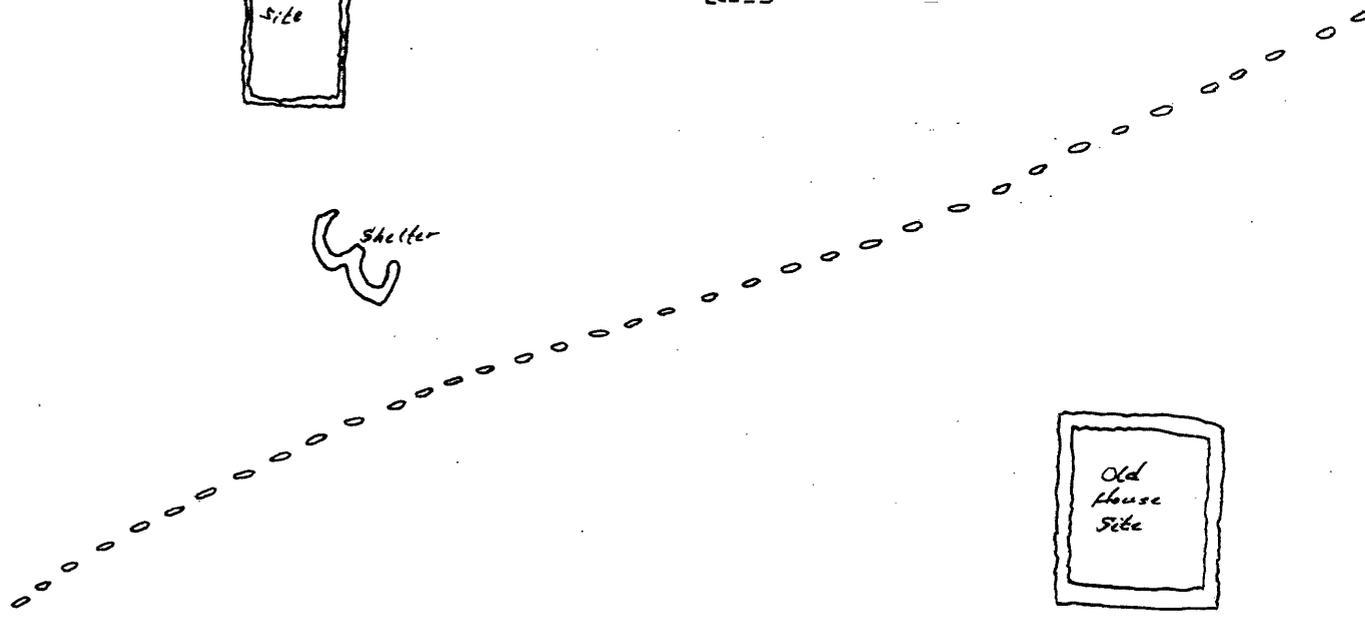
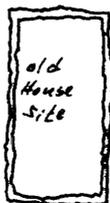
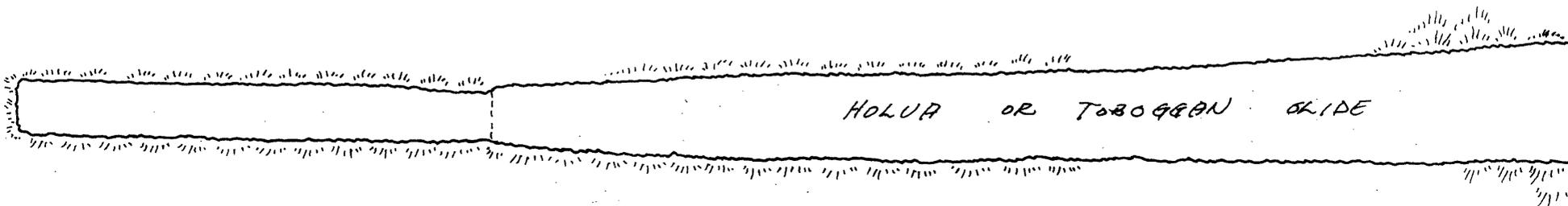
11/14/73

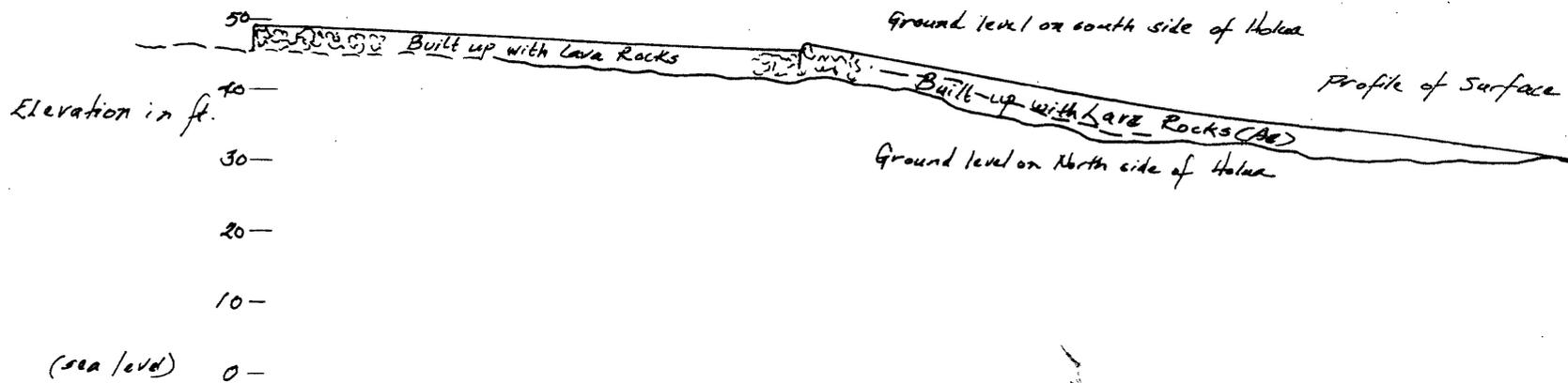


PLAN AND PROFILE OF
 HOLUA OR TOBOGGAN SLIDE
 AT PUU HINAHINA, KAPUA
 SOUTH KOHA, HAWAII
 SURVEY AND MAP BY H. K. KEPPELER
 IN CONJUNCTION WITH
 ARCHAEOLOGICAL SURVEY BY E. H. BRYAN & K. PEMORY.
 THE BISHOP MUSEUM.
 NOV. 1932

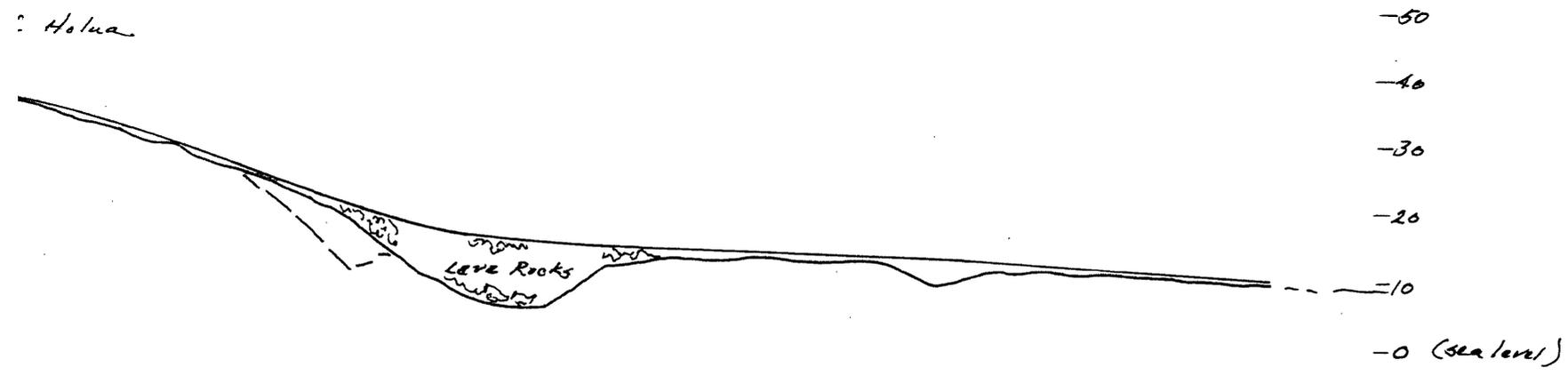
SLIDE PROFILE P.B. 83 - PAGE 1.

BISHOP MUSEUM NOTEBOOK
 EMORY - KOHA - HAWAII.





Holua



DEC