

## EAR Committee

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**From:** Tanya Lee-Greig <LeeGreig@culturalsurveys.com>  
**Sent:** Tuesday, November 29, 2016 10:13 AM  
**To:** EAR Committee  
**Cc:** Wendy Taomoto; Sharon C. Brooks  
**Subject:** Mokuhinia AIS update

Aloha,  
Please find the subject power point at the following link.

I'm using Adobe Send & Track.

You can view "County\_Council\_11292016.pptx" at: <https://files.acrobat.com/a/preview/1f36a46f-422b-4475-996b-97a314c26686>

Mahalo,  
Tanya



# Archaeological Inventory Survey for the Proposed Mokuhinia Wetland Restoration Project

UPDATE ON PROGRESS AND RESULTS FOR MAUI COUNTY COUNCIL'S  
ECONOMIC DEVELOPMENT, ENERGY, AGRICULTURE, AND RECREATION  
COMMITTEE

COUNTY OF MAUI AND CULTURAL SURVEYS HAWAI'I

# SHPD Review Comments

- ▶ Concerns regarding the placement of the proposed 10 m protective buffer between the edge of the island and the proposed wetland restoration efforts.
- ▶ Concerns regarding the lack of additional survey work beyond the studies conducted by the Bishop Museum and the University of Hawai'i – Maui College in other portions of the proposed project area.
- ▶ Requested additional information via archaeological inventory survey (AIS) with regard to:
  - The location of the edge of Moku'ula Island
  - Potentially significant historic properties elsewhere within the project area

# Goals of the AIS and Scope of Work

- ▶ Identify the edge of Moku‘ula Island and the associated holding ponds
- ▶ Additional Archaeological inventory survey investigation of TMKs (2) 4-6-07: 001 and 002 por.









# AIS Findings and Progress to Date



# Exploration of East End of Mokuhinia Pond





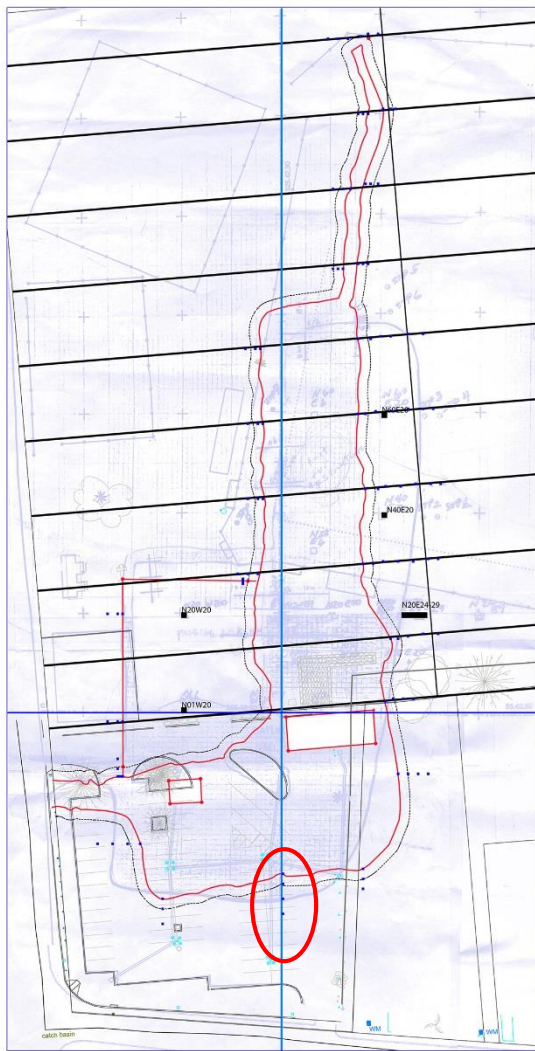






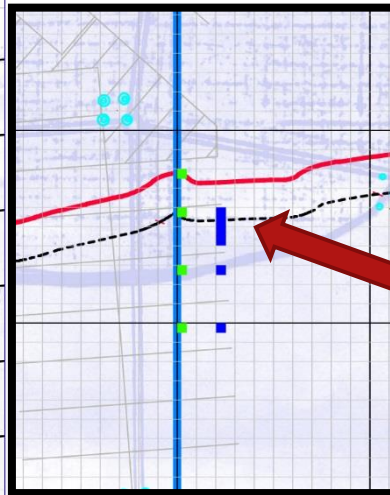
# Identification of Island Perimeter





**MAP KEY**

- Bishop Museum Datum Line
- 1916 Edge of Island and Features Associated with Mokuia
- 2m Survey Stakeout Buffer
- Proposed AIS Excavation Units
- Bishop Museum Test Units
- Ground Penetrating Radar Area

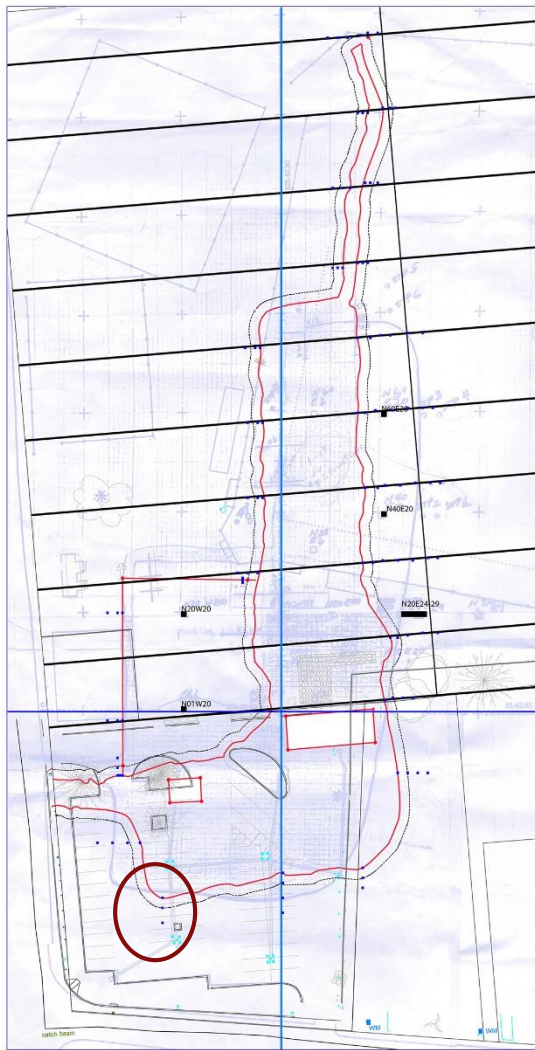


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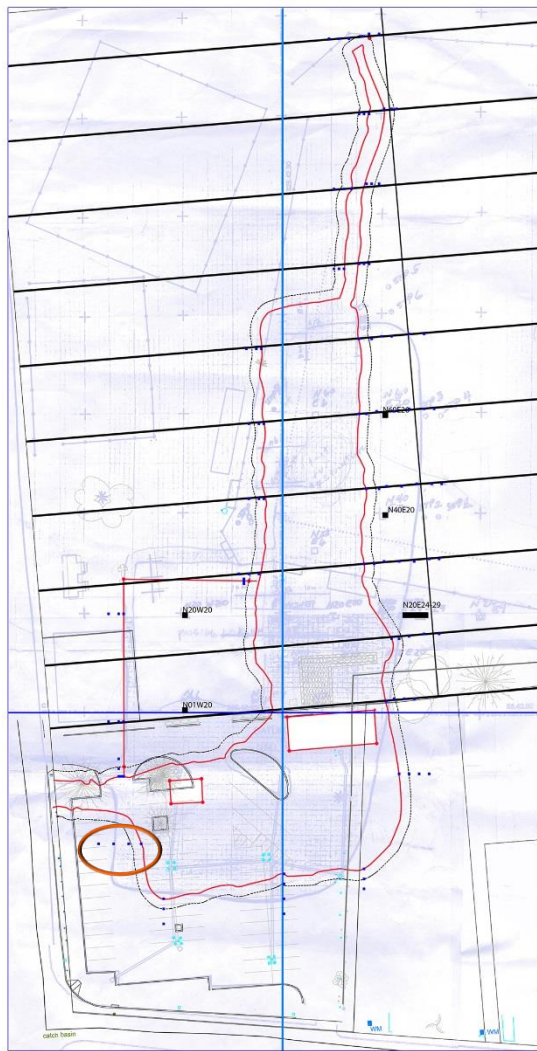


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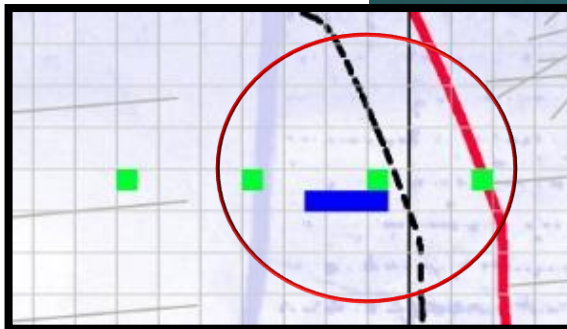






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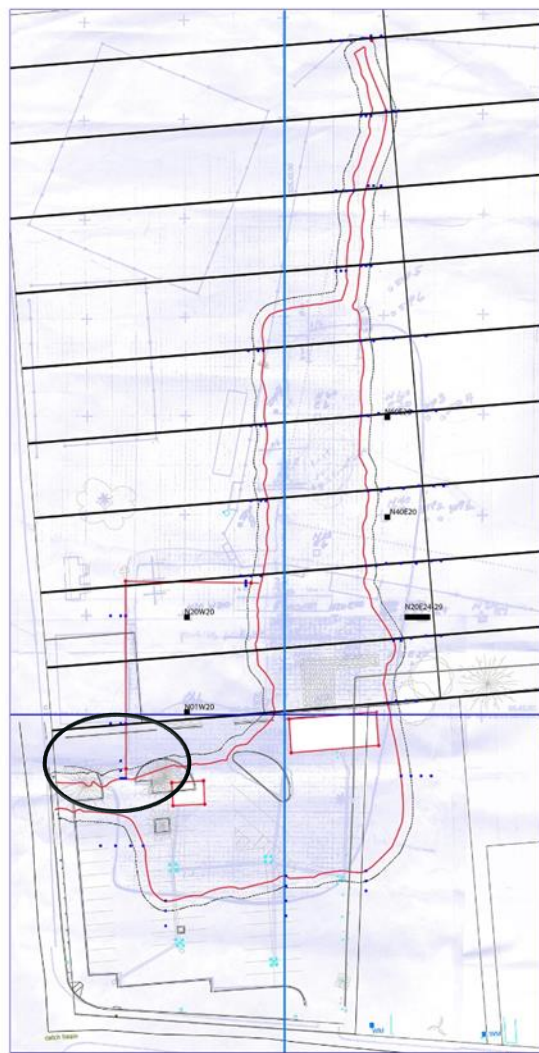
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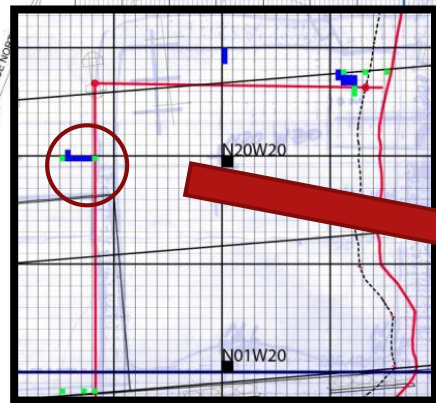
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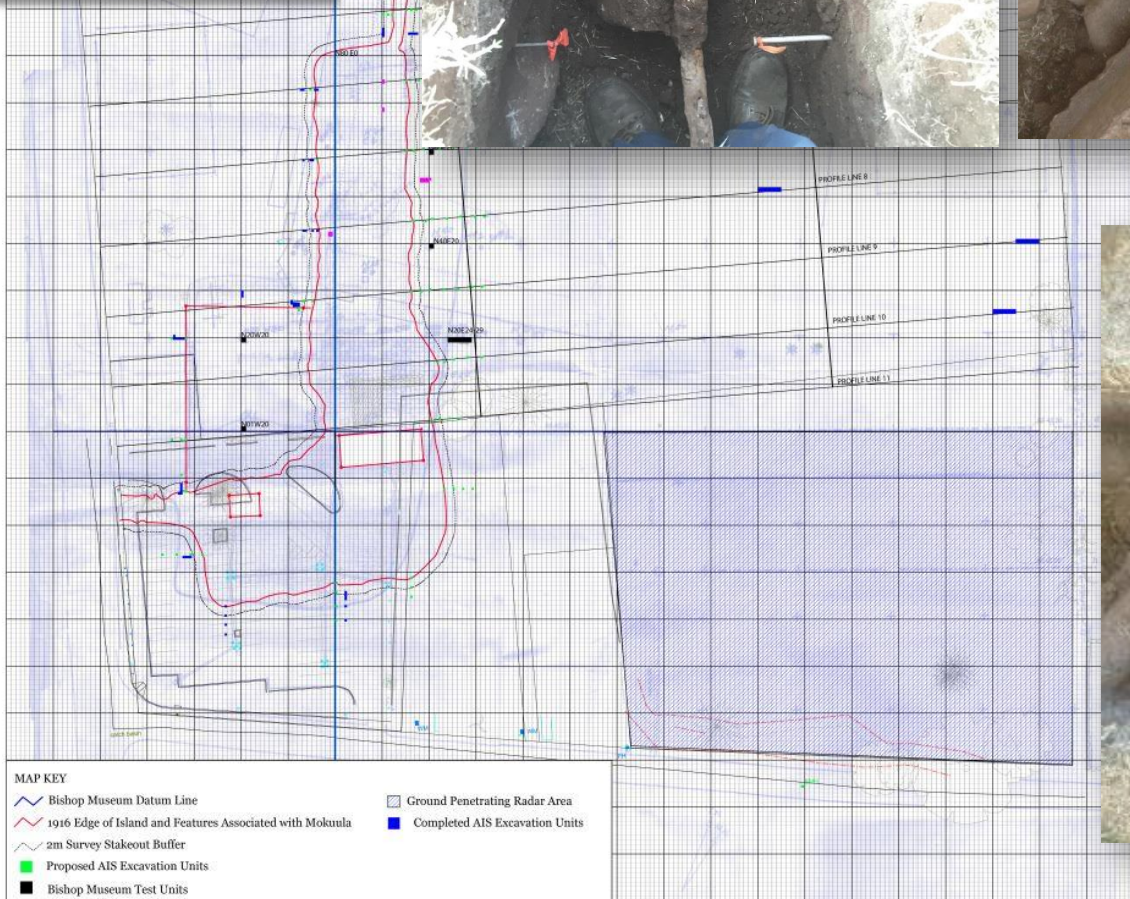
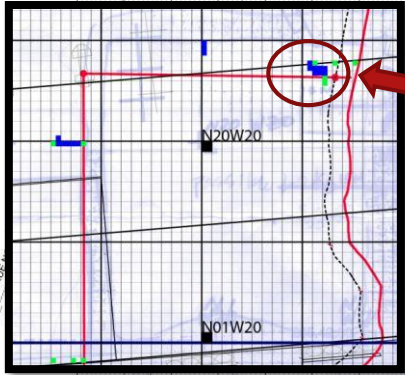








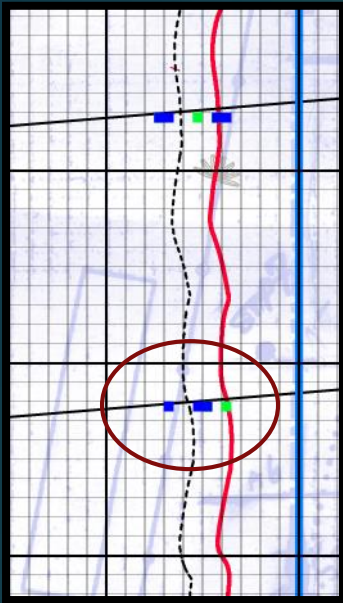










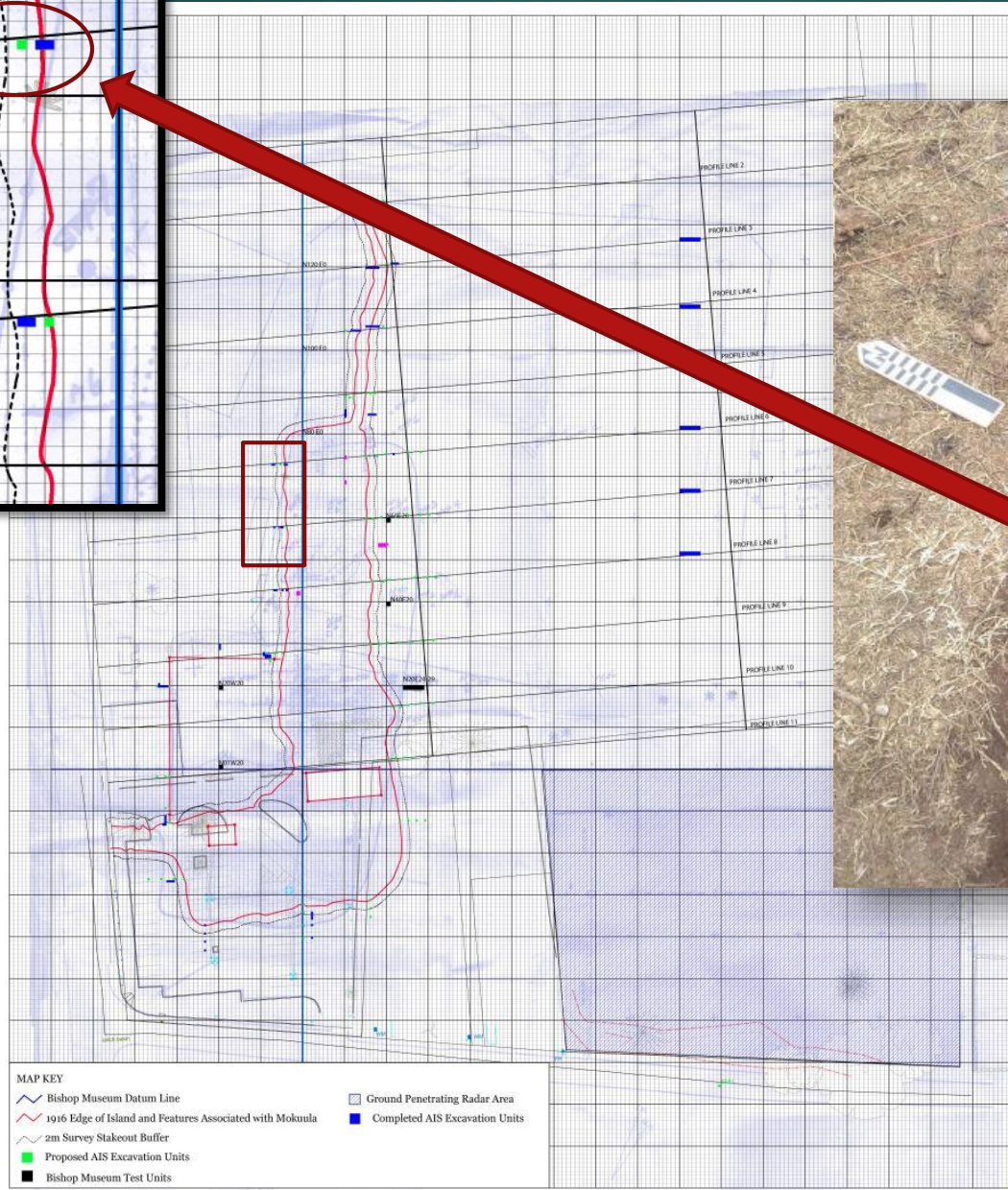
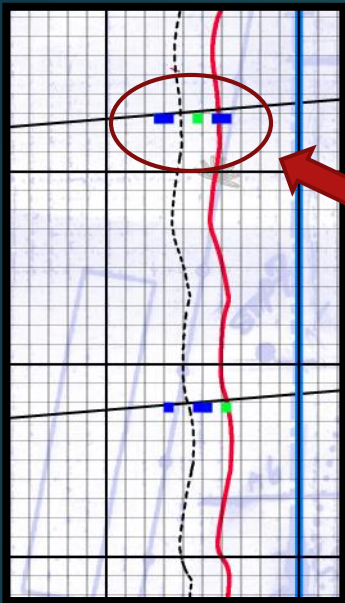


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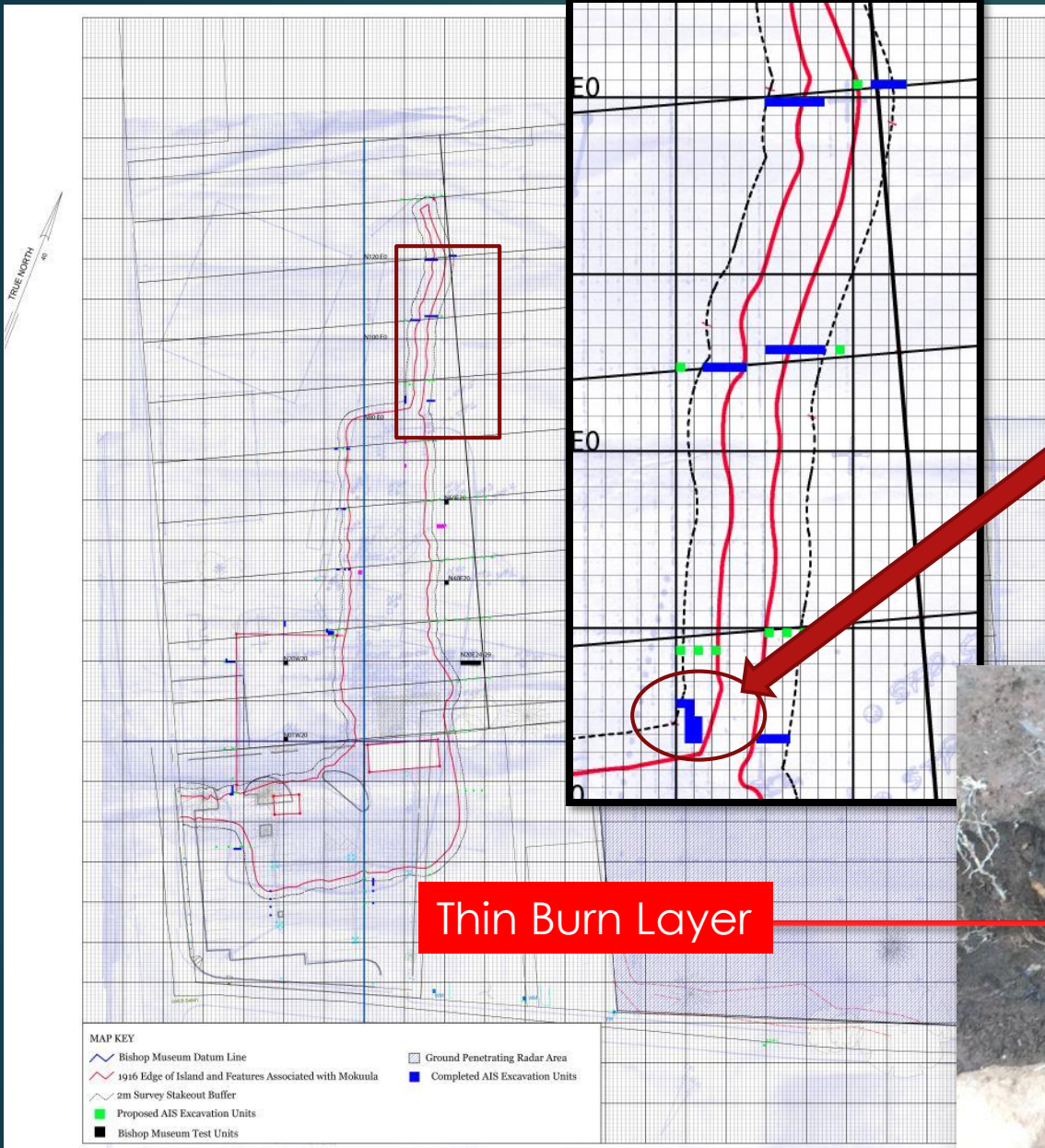
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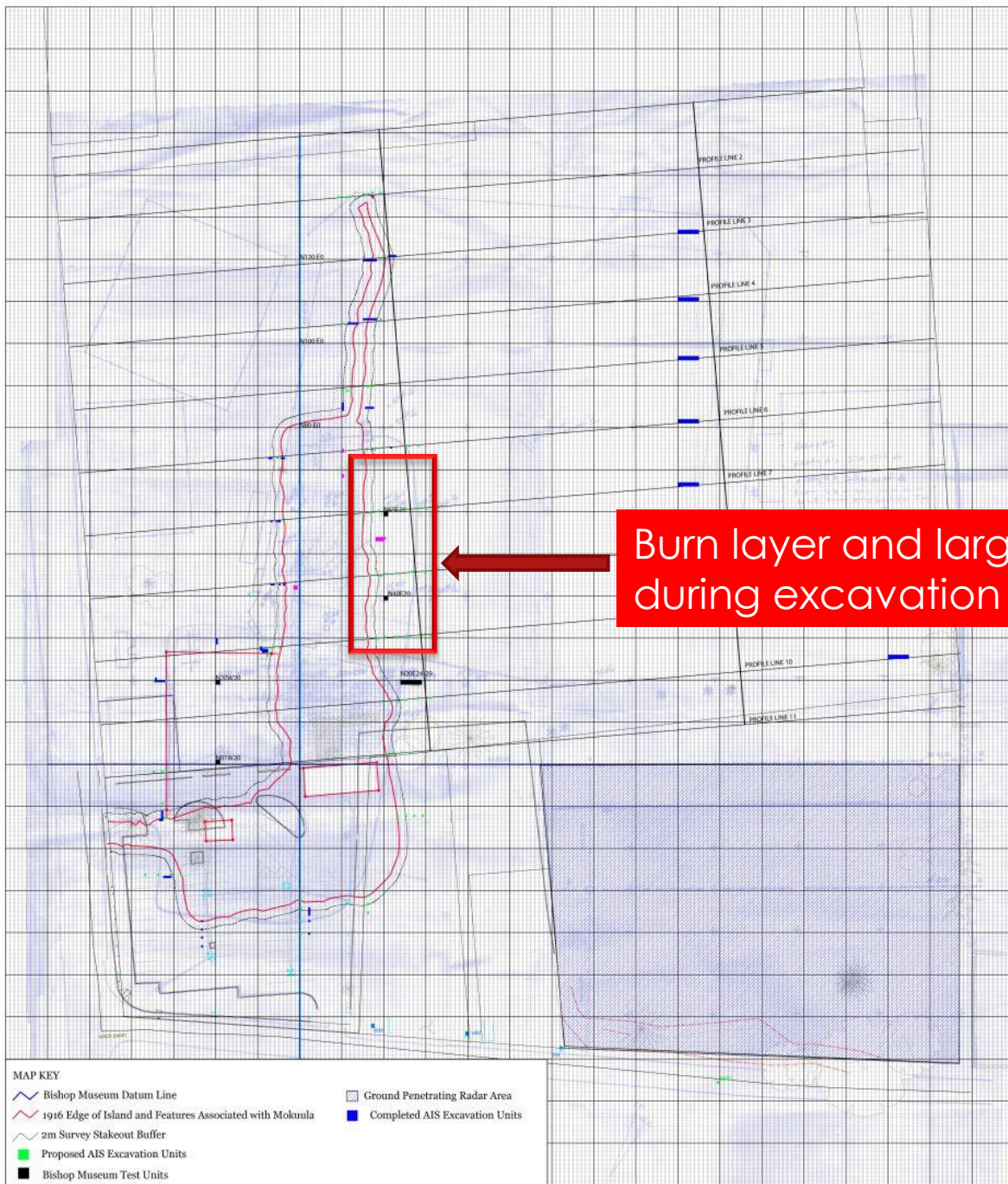




Thin Burn Layer







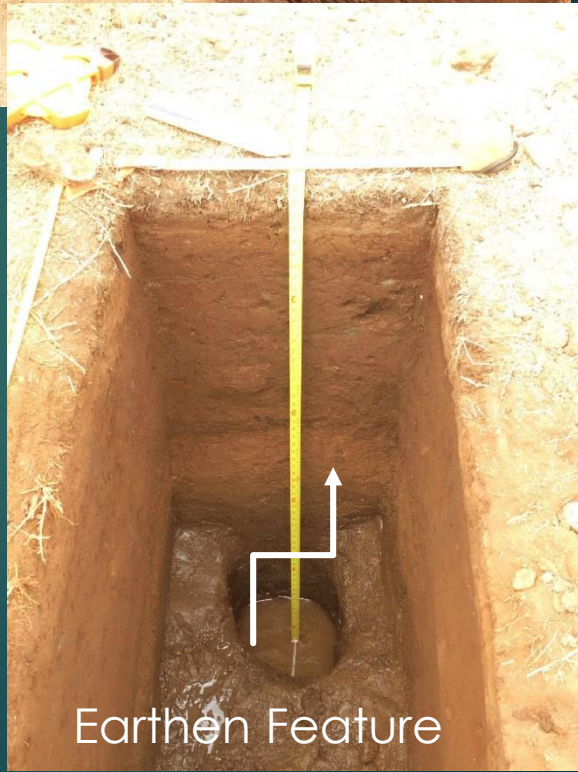
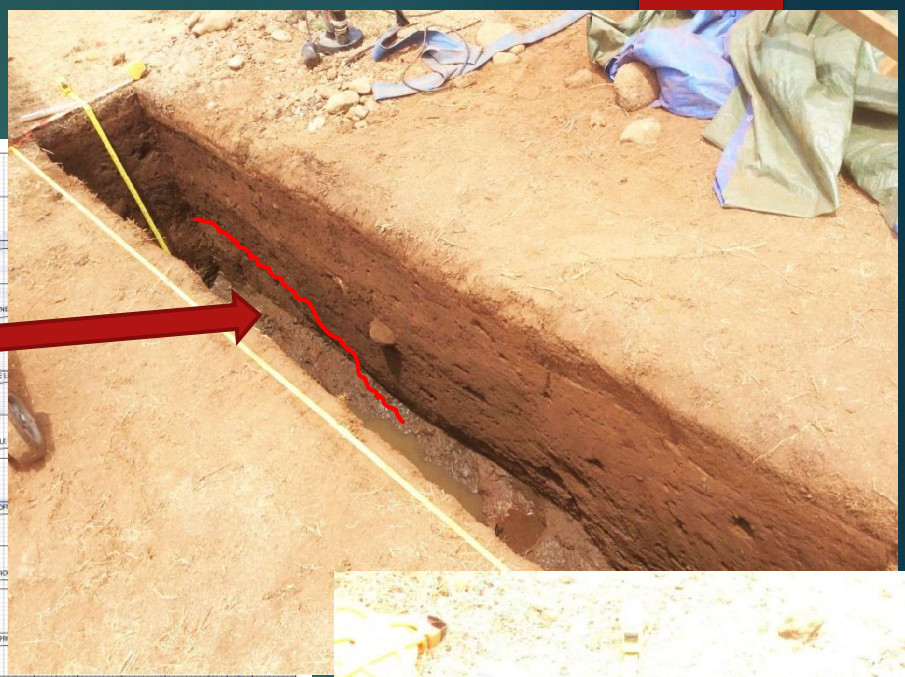
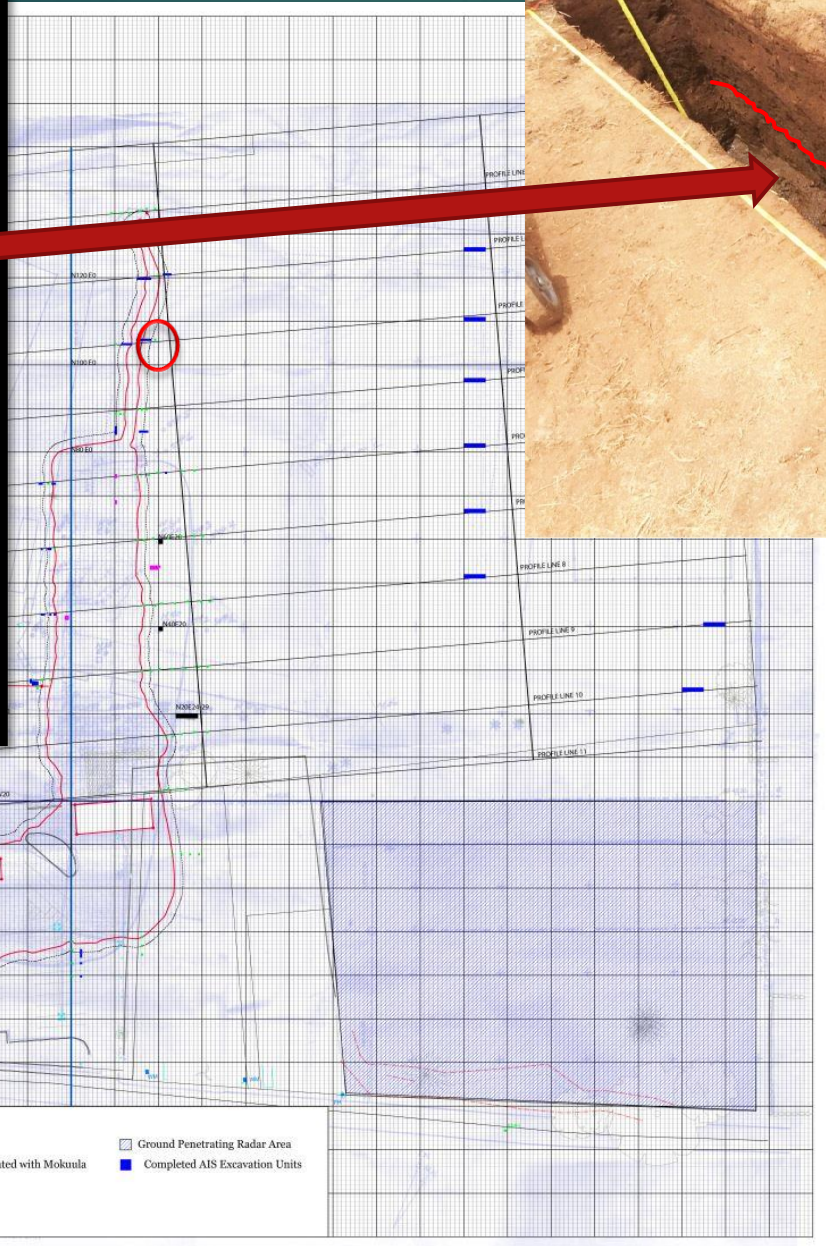
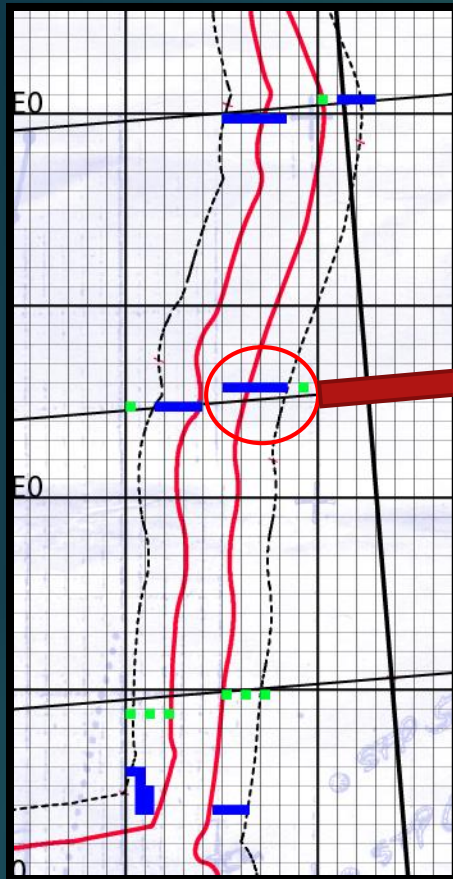
Burn layer and large burnt logs uncovered during excavation



# Department of Public Works 1916

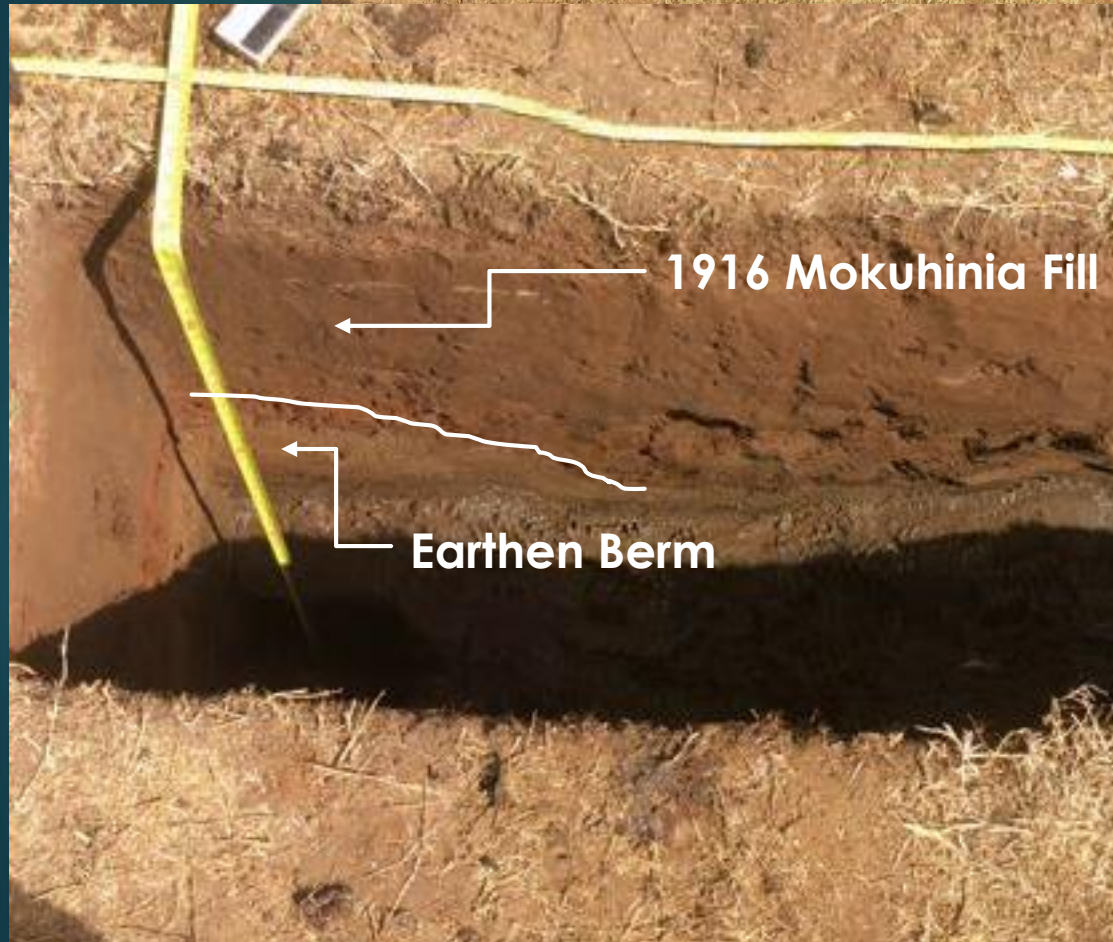






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# AIS Update

- ▶ Fieldwork complete as of the end of this week
  - ▶ Condition of the island perimeter wall ranges from excellent (parking lot area) to remnant (mauka section)
  - ▶ Condition of the walled pond area parallel to front street ranges from good (parking lot area and portions of the ballpark) to poor (where the pond wall potentially meets the island perimeter)
  - ▶ Condition of the earthen berm appears to be fair to poor
  - ▶ Water table reached at 1 m (3.2 ft.) and inundation required constant pumping to positively identify base stones.



# AIS Update

- ▶ Report write up through December and submittal of the draft report to SHPD by the end of December
  - ▶ Recommendation for a reduction of the Mokuhinia Pond Restoration area to account for additional study of both the earthen berm and pier like feature identified in the mauka section of the ball park nearest to Waiola Church



# Department of Public Works 1916





# AIS Update

- ▶ Report write up through December and submittal of the draft report to SHPD by the end of December
  - ▶ Preliminary recommendations is for a reduction of the Mokuhinia Pond Restoration area to account for additional study of both the earthen berm and pier like feature identified in the mauka section of the ball park nearest to Waiola Church
  - ▶ Revised 10 m (30 ft) buffer based on the current field conditions of the island perimeter





MAHALO!