

**Briefing on Site Visit to Lahaina Aquifer Sector, Water
Resources and Systems of Kaua'ula, Maui
Held on October 18, 2023, at request of Chairperson Dawn
Chang, with Commission Staff, and Community
Stakeholders**

Item B-3

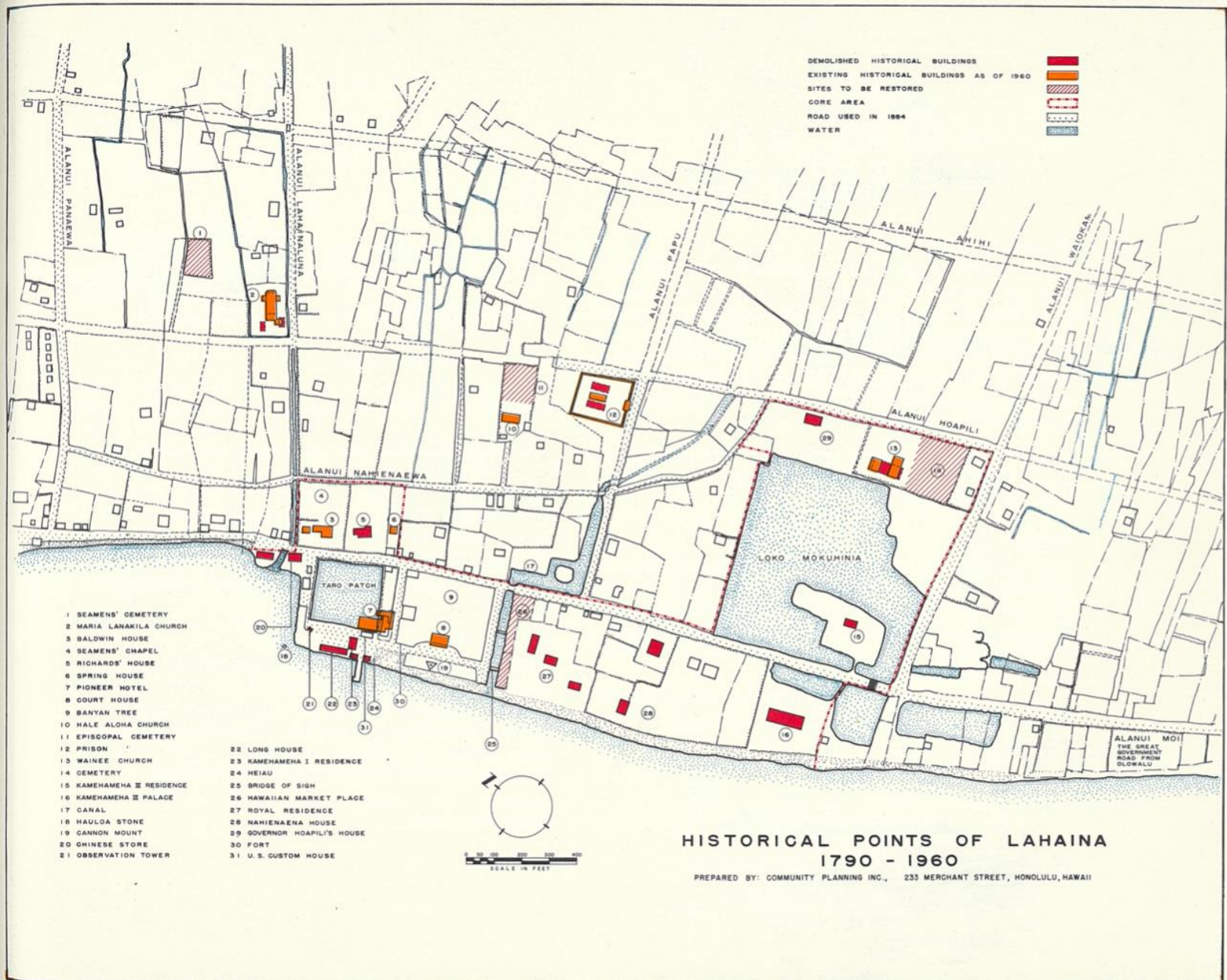


October 24, 2023

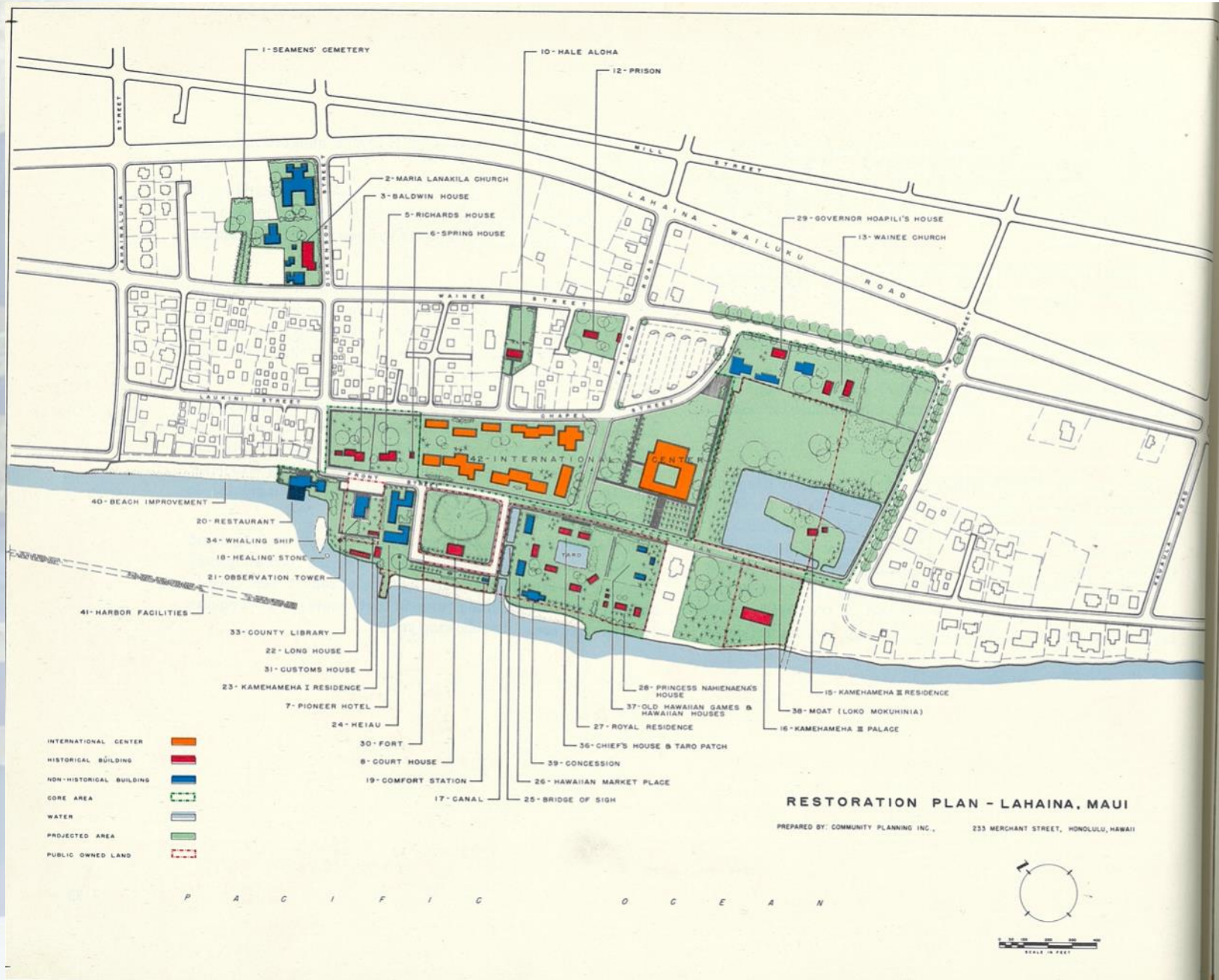
Site Visit Itinerary

- Mokuhinia Wetland; 505 Front Street spring; 'auwai
- Meet Launiupoko Irrigation Company at Waine'e/Lahaina Shaft A & B
- Makila Reservoir; LIC 1 well; booster pumps
- Kaua'ula Stream at siphon and siphon release to stream
- Kaua'ula Ditch above Kaua'ula Reservoir
- Kapu 'Ohana pipelines from penstock; domestic water supply pipeline/sand filters
- Kaua'ula Stream and Diversion 957 at 1540ft in elevation; streamflow monitoring; Kaua'ula Ditch
- Interim IFS location and monitoring
- Kaua'ula Tunnel forebay, penstock, and discuss Kamehameha Schools Siphon
- Maui Ku'ia Estate/Kamehameha Schools
- Kaua'ula Valley - Palakiko 'Ohana

Loko Mokuhinia



Mokuhinia (1961 Restoration Plan)



Mokuhinia Wetland; 505 Front Street spring; 'auwai



Wainee/Lahaina Shaft A & B



Kaua'ula Stream at 400 ft



Kaua'ula Stream at 10 ft



LIC 1 Well/Makila Reservoir



Kaua'ula Reservoir



**Kaua'ula Reservoir
Booster Pump**



Kaua'ula Ditch at forebay below siphon



Kaua'ula Stream at Siphon Release



**Kaua'ula Hydropower
tailrace/Kuleana domestic pipeline**



**Kaua'ula Hydropower
Penstock/Kapu pipelines**



Kaua'ula Kuleana domestic pipeline



Kaua'ula Stream above Intake



$Q \sim 4.0$ cfs (2.58 mgd)



Kaua'ula Ditch Diversion and Intake



Kaua'ula Hydropower Forebay/Penstock and KS siphon



Kaua'ula Hydropower Forebay/Penstock and KS siphon



Maui Ku'ia Estate/Kamehameha Schools



Kaua'ula Valley/Palakiko 'Ohana

