Alternatives Carried Forward for Analysis

Alternative 1 Succeeding Current Real Estate Agreements

Navy Administrative Jurisdiction (1,933 ac)
- Fee Simple (1,933 ac)

State Land - Navy (8,172 ac)
- Easement (7,488 ac)
- Leasehold (684 ac)

State Land - NASA (23 ac)
- Easement (7 ac)
- Leasehold (16 ac)

Alternative 2 Fee Simple Acquisition of Current Real Estate Agreements for Leaseholds

Kōke'e Park Geophysical Observatory

Navy Administrative Jurisdiction (2,617 ac)
- Fee Simple

State Land - Navy (7,488 ac)
- Easement

NASA Administrative Jurisdiction (16 ac)
- Fee Simple

State Land - NASA (7 ac)
- Easement

Alternative 3 No Action Alternative

- Project Area

Navy Administrative Jurisdiction (1,933 ac)
- Fee Simple

[1]Main Base is a common naming convention for Navy fee simple, leasehold, and easement lands on the Mānā Plain. This EIS only analyzes potential effects from the Proposed Action on the leasehold and easement lands in the Project Area.
Date: 6/10/2025   Source: DOD, 2023; Esri, 2023; Hawaii Statewide GIS, 2023.   Note ac = acres
G:\C_ProjectLibrary\023032 PMRF NASA Land Retention\02-Maps_DEIS_V3\Figure ES-2 All Alternatives.mxd
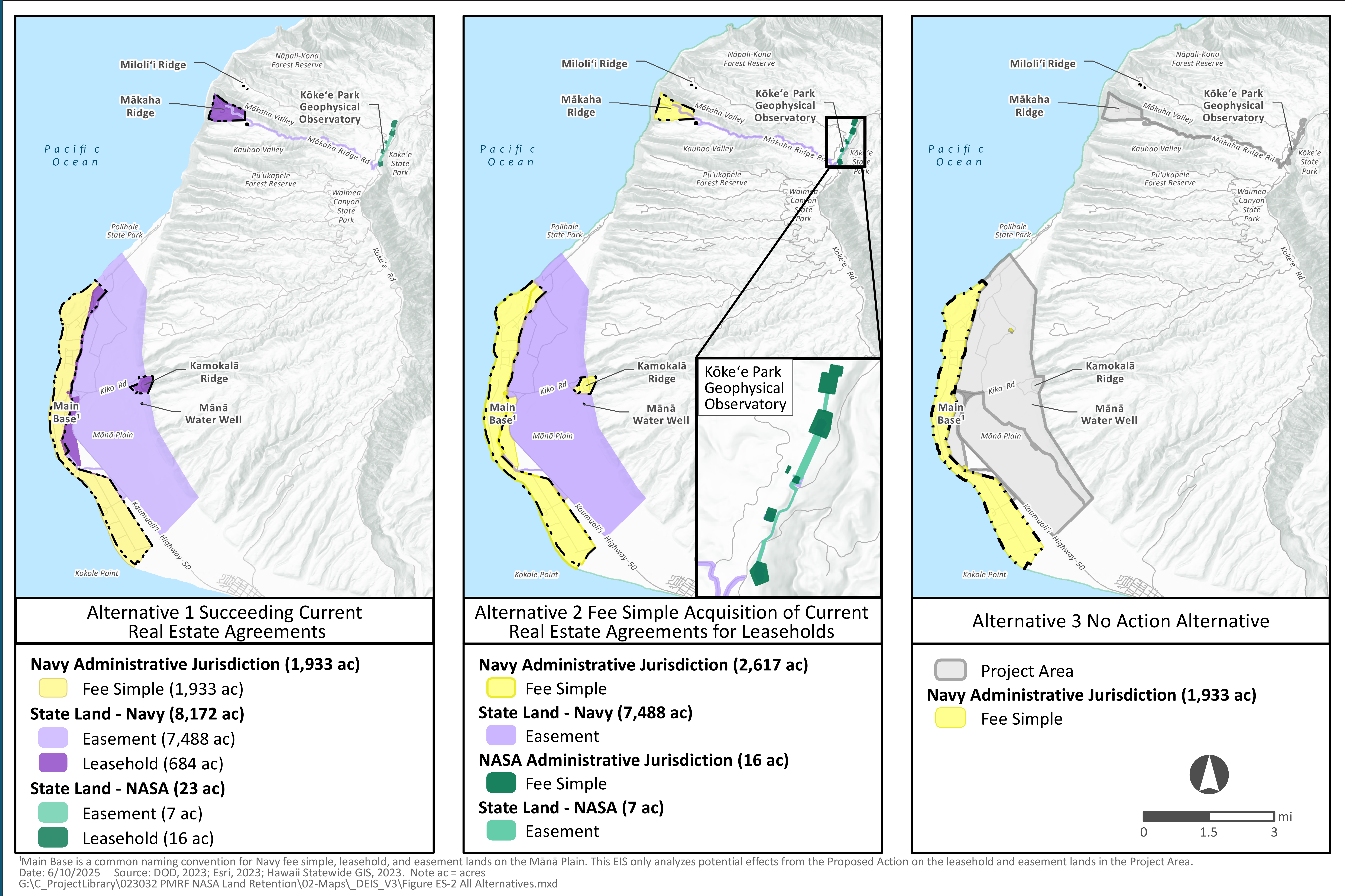
Alternatives Screening Process

The Navy and NASA used the following screening factors to select reasonable alternatives that would allow their missions to be fulfilled:
- Maintain long-term use of state lands currently used to support Department of Defense (DoD) and NASA missions on Kaua'i;
- Preserve current DoD and NASA operations on Kaua'i;
- Retain existing DoD and NASA infrastructure on Kaua'i; and
- Support Department of Land and Natural Resources management of public lands and associated environmental and conservation programs on Kaua'i.

Alternatives Considered But Not Carried Forward	
Alternative	**Description**
Succeeding Leases and Easements Except for Current Leases at Mākaha Ridge and KPGO	The Navy and NASA would obtain succeeding leases and easements on leased land not currently located in the State of Hawai'i's Conservation District. These would include leaseholds at Main Base, Kamokalā Ridge, Mānā Water Well, and Miloli'i Ridge, but would not include succeeding leaseholds or easements at Mākaha Ridge or KPGO.
Succeeding Leases Only (No Succeeding Easements)	The Navy and NASA would only obtain succeeding lease agreements and not succeeding easements. These would include succeeding leaseholds at Main Base, Kamokalā Ridge, Mānā Water Well, Miloli'i Ridge, Mākaha Ridge, and KPGO, but not easements at Main Base, Kamokalā Ridge, Mākaha Ridge, or KPGO.
Shorter Duration	The Navy and NASA would obtain succeeding real estate agreements for a short duration (less than 25 years).

All screening factors must be met for an alternative to be considered reasonable.