



HAWAIIAN HOME LANDS

HAWAIIAN HOMES COMMISSION • DEPARTMENT OF HAWAIIAN HOME LANDS

Community Information Meeting

Kaua'i Island Community Meeting

August 16, 2021



Agenda

- Welcome
- Planning Office Update
- Construction Status Updates
- Fire Department Presentation
- Homestead Associations



Meeting Kuleana

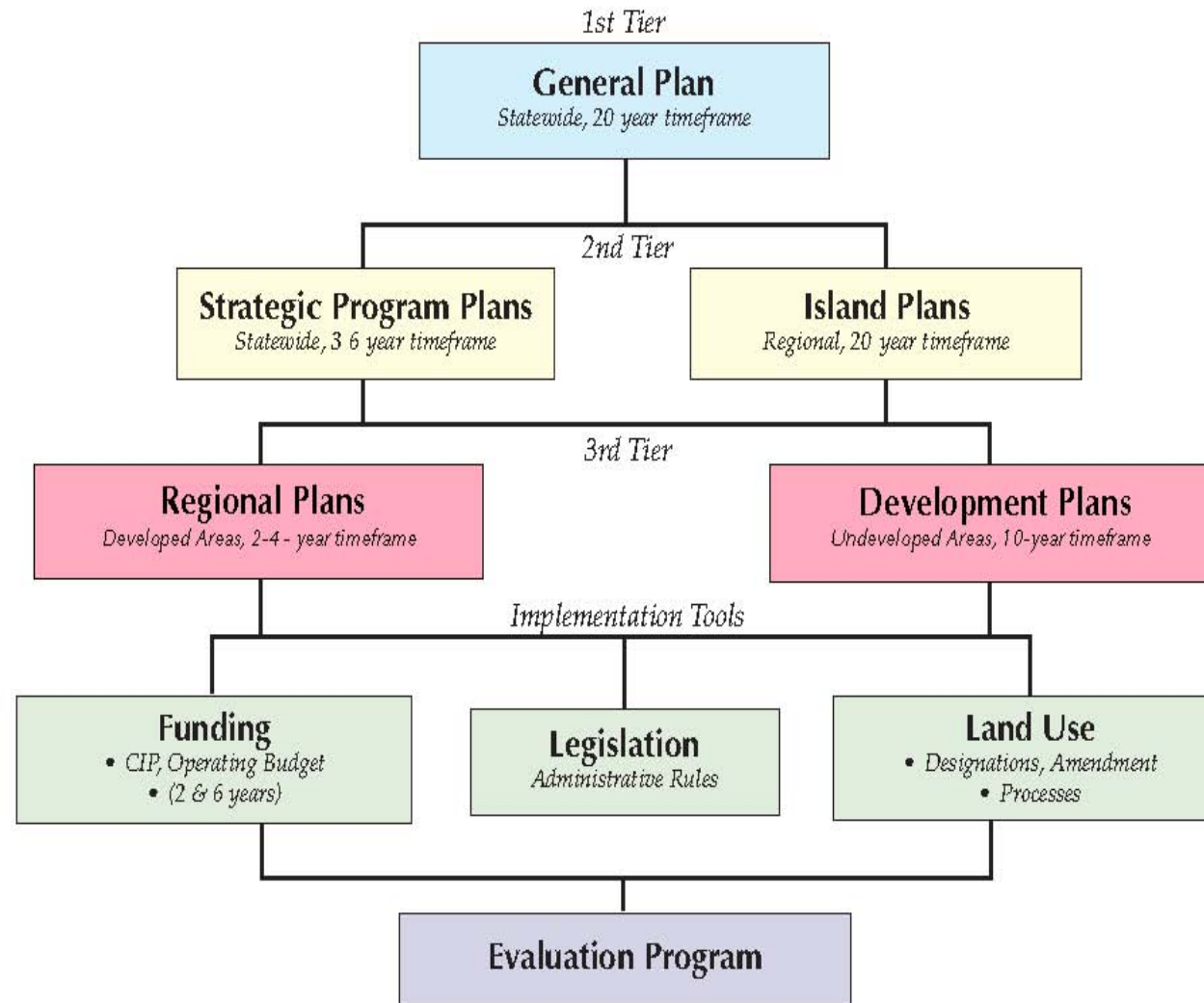
- 1) Be respectful of the person talking – please do not interrupt the person that is talking;
- 2) Wait for the facilitator to call on you or type your question into the chat box
- 3) When addressing other participants (verbally or in the chat box), be respectful, show aloha, treat others how you would like to be treated;
- 4) Agree to disagree — accept that others may have different perspectives and opinions.
- 5) Have an open mind — take home new ideas or new information.



Planning Office Updates



DHHL Planning System



DHHL Planning System



Existing Plans & Implementation Status

Kauaʻi Island Plan (KIP, adopted by HHC in 2004)

The purpose of each DHHL Island Plan is to:

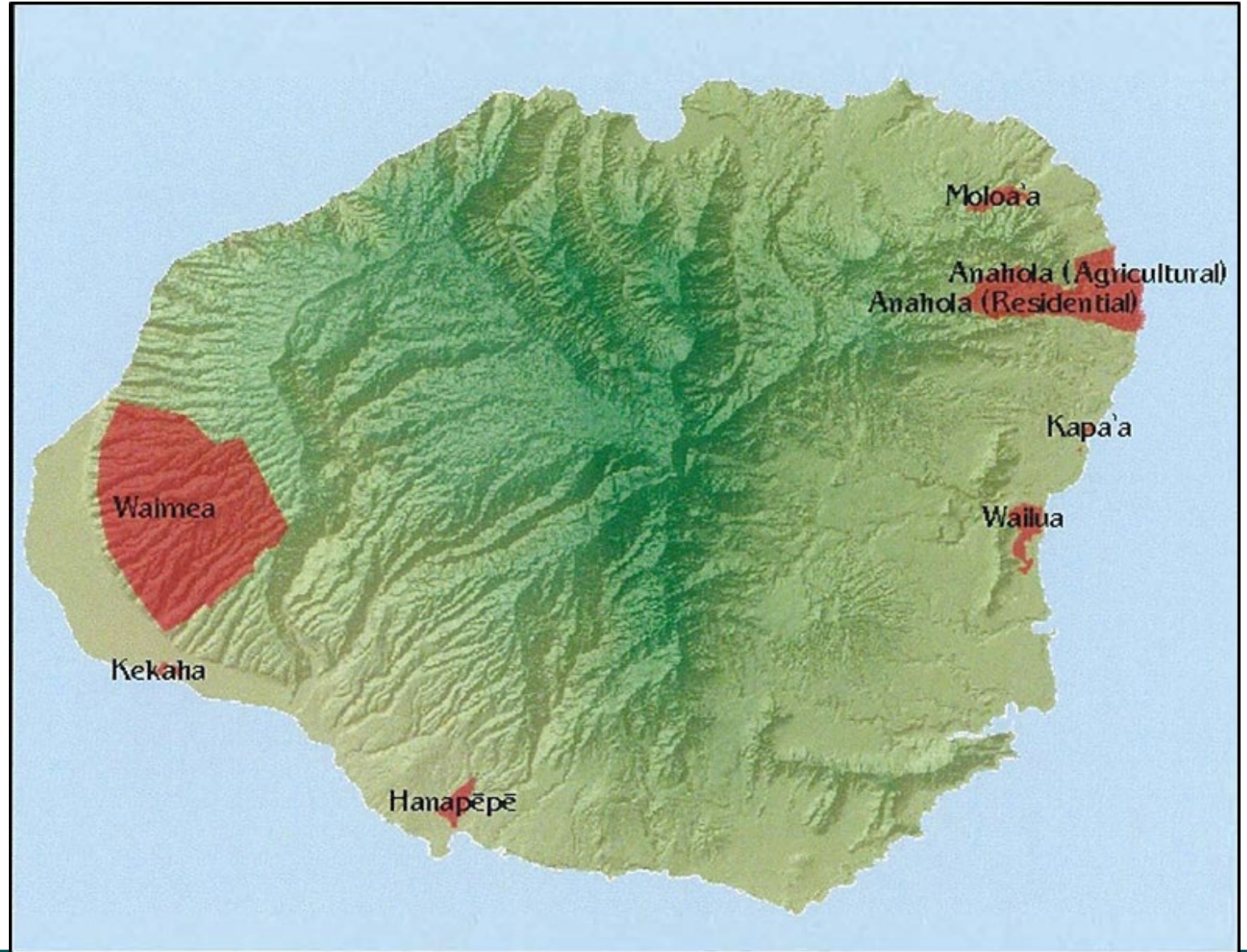
- 1) Provide a comprehensive resource for planning and land management purposes, including identification of land use goals and objectives of the General Plan specific to each island,
- 2) Identify island-wide needs, opportunities, and priorities, and
- 3) Assign land use designations (LUD's) for all land holdings to promote orderly land use and efficient development of infrastructure systems.



Kaua'i Planning Areas

The KIP identified seven planning areas:

- Waimea
- Kekaha
- Hanapēpē
- Wailua
- Kapa'a
- Anahola/
Kamalomalo'o
- Moloa'a



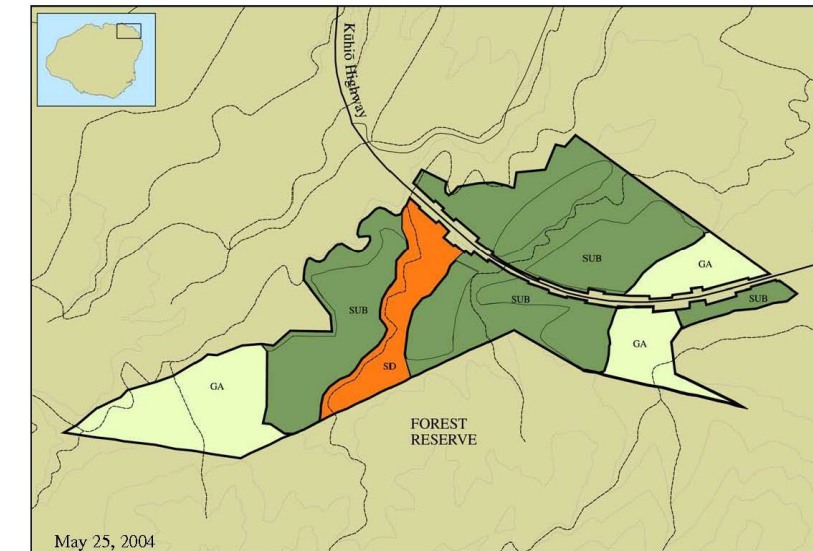
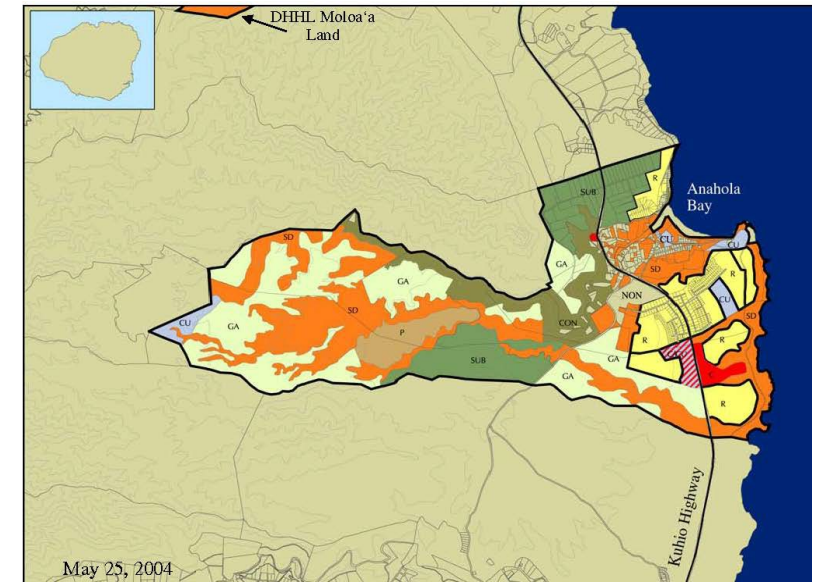
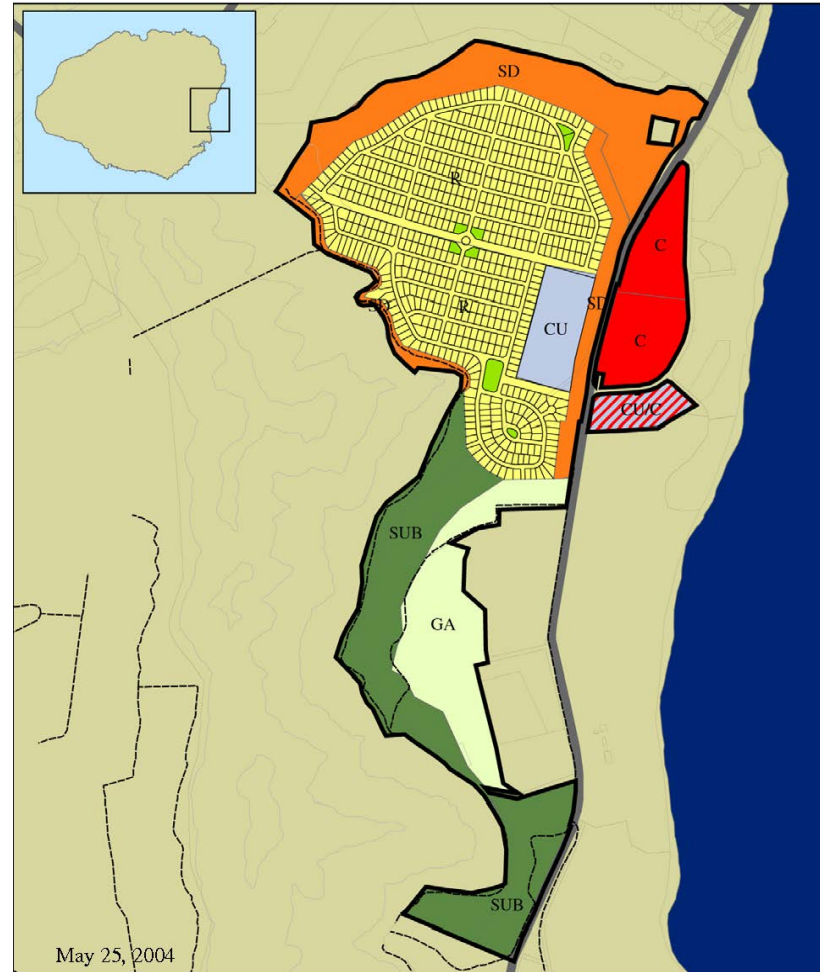
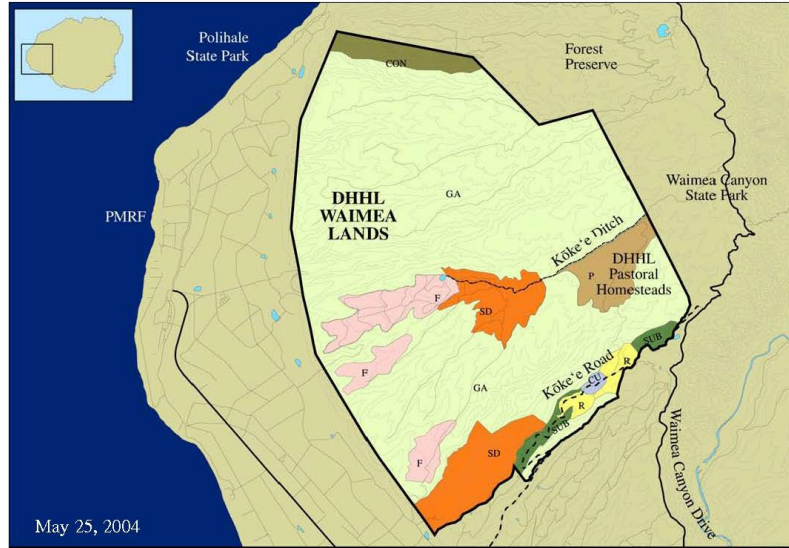


Kaua'i Island Acreage by Land Use Designation

Land Use Designation	WAIMEA (Acres)	KEKAHA (Acres)	HANAPĒPĒ (Acres)	WAILUA (Acres)	KAPA'A (Acres)	ANAHOLA (Acres)	MOLOA'A (Acres)	TOTAL (Acres)	%
Residential	202	39	168	216	0	565	0	1,190	5.79%
Subsistence Agriculture	214	0	158	99	0	533	200	1,204	5.85%
Supplemental Agriculture	0	0	0	0	0	0	0	0	0.00%
Pastoral	475	0	0	0	0	148	0	623	3.03%
General Agriculture	12,527	0	0	52	1	1,018	86	13,684	66.54%
Special District	1,258	13	0	92	0	1,419	30	2,812	13.67%
Community Use	42	0	22	20	0	127	0	211	1.03%
Conservation	343	0	0	0	0	350	0	693	3.37%
Commercial	0	0	17	47	0	68	0	132	0.64%
Industrial	0	0	0	0	16	0	0	16	0.08%
TOTALS	15,061	52	365	526	17	4,228	316	20,565	100.00%



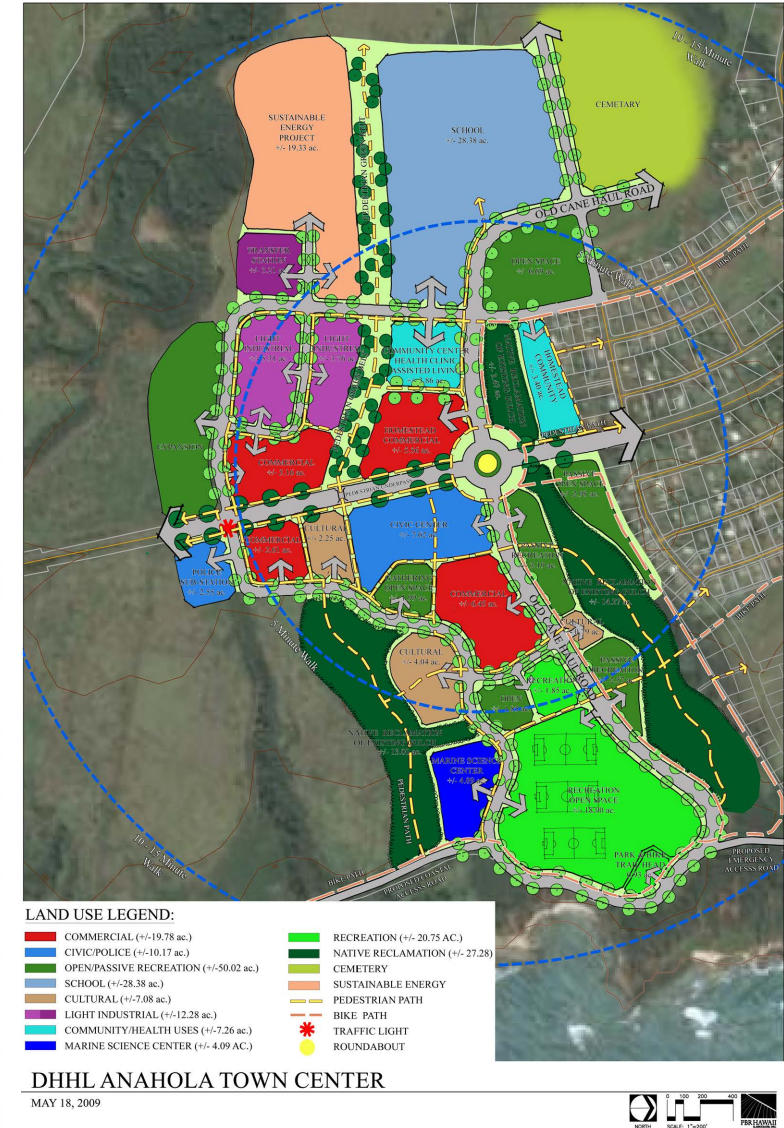
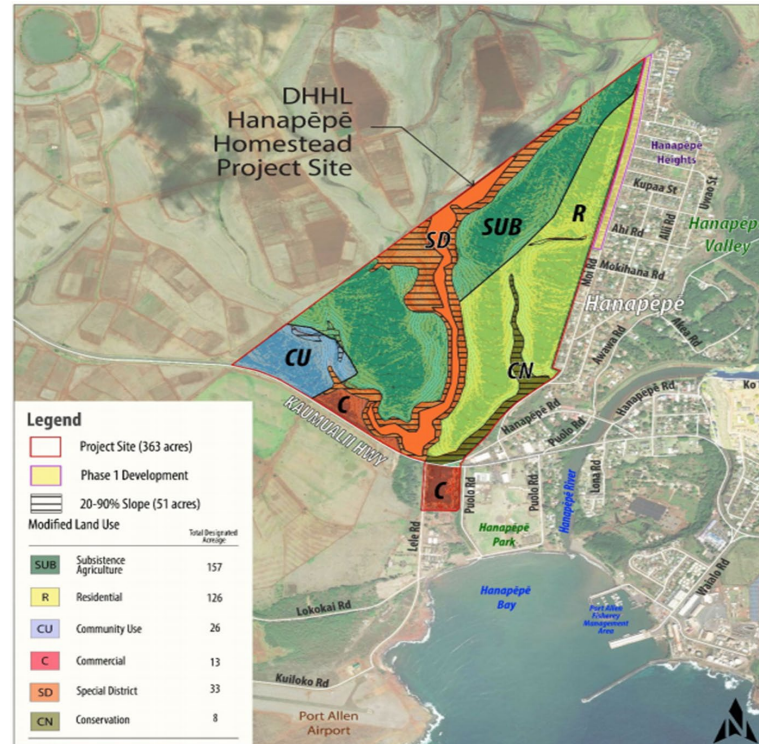
KIP Land Use Plans





KIP Amendments & Updates

No formal Island Plan Amendments have been made since 2004. However, several amendments to the KIP could be made to better reflect subsequent planning and development.





Homestead Development Priorities / Status

1. **Wailua** – 651 10,000 sq. ft. lots; Off-site water wells and storage facilities & on-site roads & water & sewage transmission lines required. Wailua Well #1 capped & cased; two more wells may be needed to provide adequate source.
2. **Hanapēpē Homestead** – Phases 2 and 3 master planned; FEA/FONSI approved by HHC in Oct. 2020. 75+ lots in Phase 2 in design phase. Phase 3 will require additional potable water supply and wastewater infrastructure.
3. **Anahola** – Pi'ilani Mai Ke Kai Residential Homestead (3 Phases) Underway

Not in KIP:

- Anahola Kuleana Homestead Lots – Settlement Plan & EA approved by HHC May 2021; 115 homestead lots (14 Pastoral and 101 Subsistence Agriculture) on 432 acres; Add'l work on surface water resources done for non-potable ag water
- Pu'u 'Ōpae Kuleana Homestead Lots -- Settlement Plan & EA approved by HHC July 2020; 251 homestead lots (11 Pastoral and 240 Subsistence Agriculture) on 1,421 acres



Kaua'i Regional Plans – Implementation

Reg. Plan	Priority Project	Description	Current Status
Wailua (2009)	Cultural Resources Inventory - Malae Heiau Restoration Project, Wailua River State Park	State-owned land to south & west of Malae heiau conveyed to DHHL in 1994. ACTION: Establish procedures, forms, electronic forms & databases necessary to inventory, document, map & catalog cultural resources located on DHHL's Wailua lands.	Project lacks a champion. KIP identifies cultural buffer on DHHL lands along Wailua River by designating lands as Special District. Further discussions on how best to protect & manage cultural sites need to take place at the time that development plans in Wailua move forward.
Wailua (2009)	Potable Water Sources	Water Master Plan for proposed DHHL Wailua subdivision completed in January 2009. Source, storage and transmission lines needed to support development. ACTION: Secure funding for design, drilling, casing, outfitting & testing of two new potable well sources. Second well is needed as backup source.	DHHL's Wailua Well #1 is now capped & cased, to be put into production when DHHL decides to move ahead with homestead planning & development. DHHL/DLNR/ State need to secure land in Kālepa Forest Reserve for proposed 330' elev. 0.5 MG tank site.
Wailua (2009)	Kalepa Ridge Surface Water System Maintenance	DHHL identifying opportunities to utilize surface water resource for agricultural uses for proposed Wailua development. Community has expressed interest in creating agricultural lots to feed their families.	Staff coordinating with Agribusiness Development Corporation (ADC) & Commission on Water Resource Management (CWRM) on potential allocation & use of water in the region.
Wailua (2009)	Kapa'a Relief Route	State Department of Transportation's (SDOT) #1 priority on Kaua'i was Kapa'a Relief Route; considered four alternative alignments through or abutting DHHL's Wailua lands.	Staff continue to coordinate with County of Kaua'i & DOT on road alignment alternatives.
Wailua (2009)	Wailua Wastewater Treatment Plant (WWTP) Facility	Wailua WWTP requires expansion & potential relocation due to recent growth in area & as a function of longterm wastewater treatment capacity needs for Wailua-Kapa'a area.	Staff continue to coordinate with County of Kaua'i on potential relocation & expansion of WWTP.



Kaua'i Regional Plans – Implementation

Regional Plan	Priority Project	Description	Current Status
Anahola (2010)	Ke Aloha O Ko Kakou 'Āina -- Anahola Town Center Plan (ATCP)	Create a gathering place with recreational, educational, business, health & civic service opportunities, including a cemetery/final resting place for iwi kupuna.	Commercial kitchen constructed. Cemetery/ secure resting place for iwi kupuna not yet implemented. ATCP & implementation strategy need to be revisited & KIP LUD's need amending.
Anahola (2010)	Anahola Clubhouse & Park Improvements	Improvements needed to ensure safety & continued use of resources: <ul style="list-style-type: none">– Motion sensor lights– General building improvements– upgrades to existing kitchen, restrooms & computer room– Improved maintenance of playground & basketball courts– Expansion of baseball field to support little league tournaments	In 2018-19, County of Kaua'i completed various projects that included: <ul style="list-style-type: none">- Complete basketball court renovation.- Parking lot paving & striping.- Complete playground renovation.- Construction of ADA walkways that connect Clubhouse with baseball & basketball amenities.- Baseball field improvements: new fencing, new ADA walkways, new dugouts, concrete pads for bleachers, concrete pad for announcers' booth, and reworking of infield dirt & outfield grass. Additional projects are on hold due to budget constraints.
Anahola (2010)	Secure & Manage Surface Water Resources (non-potable) (Refer to Item No. G-3, Kauai Water Issues Update, for more info)	USGS study conducted on Anahola Stream looked at availability of surface water resources. Assessed reservoirs, made recommendations for remediation, removal, & deregulation. Action: construction work to be conducted.	Funding was obtained. Construction has been initiated. Surface water resources were reevaluated in response to beneficiary feedback during the Anahola Kuleana Homestead Settlement Plan process.
Anahola (2010)	Support Kanuikapono 21st Century Ahupua'a Place Based Labs	Kanuikapono is a charter school in Anahola which integrates resource management of natural & cultural resources within ahupua'a. Actions: new Learning Resource Center, establishment of mobile educational place based learning labs throughout Anahola.	Funding needed for construction. DHHL to work with Anahola community to identify locations for educational learning labs in Anahola. Will be revisited when discussing Anahola Town Center Plan during upcoming Anahola Regional Plan Update.
Anahola (2010)	Improve Road & Traffic Circulation to Kūhiō Highway	Increase direct access to Kūhiō Highway. Town Center Plan reflected need for access to highway & connectivity within existing community. ACTIONS: roadway circulation hierarchy & connectivity study; redesignation of segment of Kūhiō Highway to allow slower speeds & greater access.	Discussions with State Department of Transportation-Highways and County of Kaua'i are ongoing.



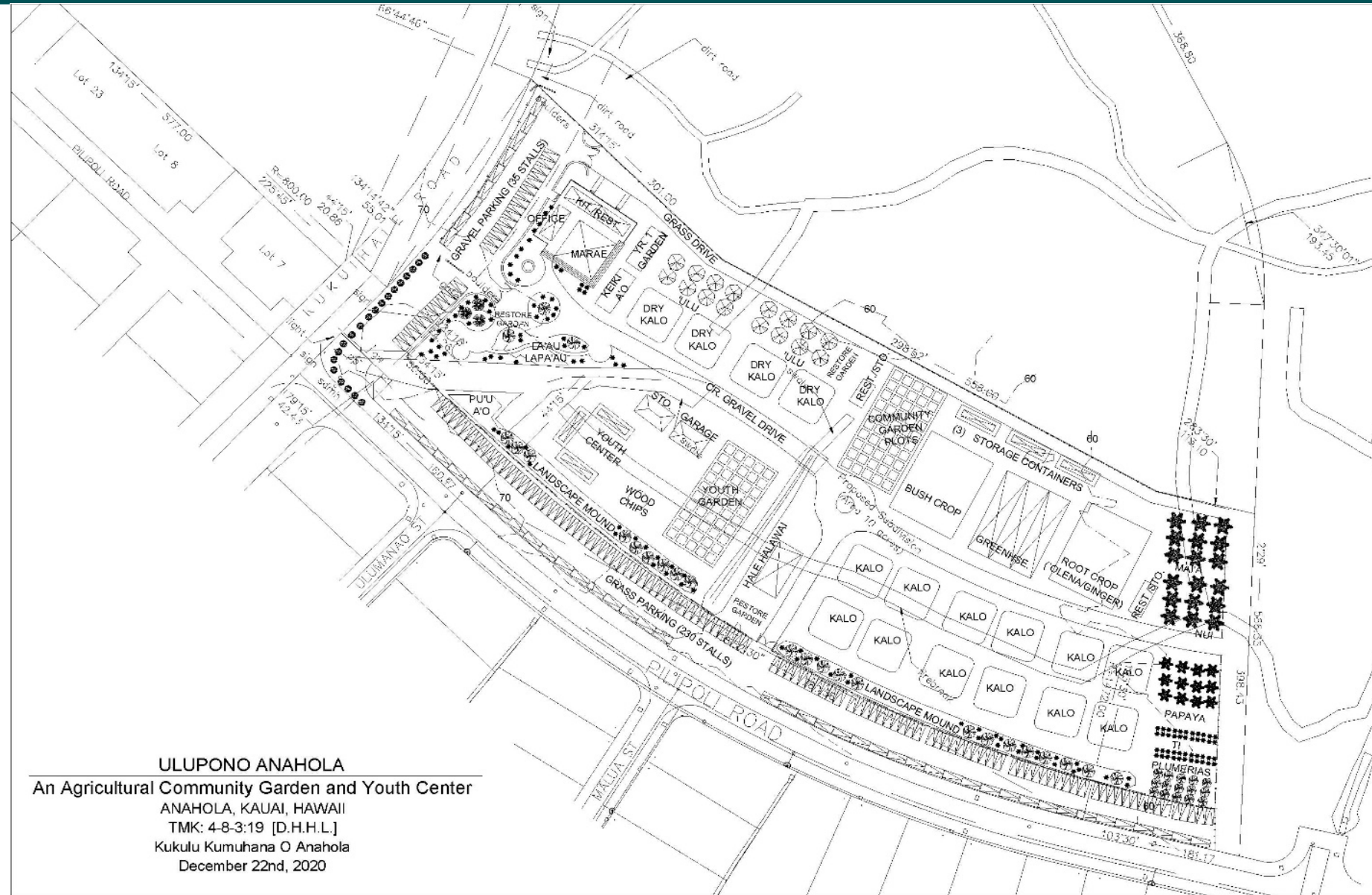
Kaua'i Regional Plans – Implementation

Regional Plan	Priority Project	Description	Current Status
W. Kaua'i (2011)	Develop Agricultural & Water Plan (Pu'u 'Ōpae) (Refer to Item No. G-3, Kauai Water Issues Update, for more info)	Three-part project to integrate ag uses and water availability via: 1) Land exchange of mauka hunting lands for DLNR lands at a lower elevation that are better suited for homesteading; 2) Restoration of Pu'u 'Ōpae Reservoir & irrigation system; agricultural lease master plan; evaluation of increasing water diversion from Pu'u Moe Divide; diversified ag projects; 3) maintenance/ improvement & continued use of existing West Kaua'i Water System.	HHC issued Kekaha Hawaiian Homestead Association (KKHA) a 20-year license for 231 acres of land at Pu'u 'Ōpae to implement Phase I of their Farm & Irrigation Plan (FIP). DHHL contracted with G70 to prepare a Special Area Plan for 1,192 acres of Waimea lands that coordinates planning, design, & implementation of land uses & homestead development around & adjacent to Pu'u 'Ōpae. G70 is currently assisting with the Kuleana Homestead Lot Settlement Plan process.
W. Kaua'i (2011)	Develop a Multi-purpose Evacuation & Education Center/ Shelter	This multi-purpose facility would serve as a culture & education center when not used as a disaster shelter.	Need for Community Resilience Plan identified. Planning Office participated in County of Kaua'i's West Kaua'i Community Plan update & Community Vulnerability Assessment. Proposed site is in "Mauka Village" area off Koke'e Rd. Proposed modifications to original project will require Beneficiary Consultation.
W. Kaua'i (2011)	Support Development of the Kekaha Enterprise Center	Kauai Community College & Council for Native Hawaiian Advancement developed a 2,000 square foot single story facility on 2.629 acres used to provide social & community services to beneficiaries living in Kekaha.	COMPLETED. Facility managed by the West Kaua'i Hawaiian Homestead Association (WKHHA).
W. Kaua'i (2011)	Develop Renewable Energy Projects Compatible with Agriculture	Community indicated a willingness to support renewable energy projects that meet goal of compatibility with agriculture.	DHHL is partnering with KIUC Energy Cooperative to develop a pumped hydroelectric project on its Waimea lands. Project will increase reliability of non-potable water & improve road access to Pu'u 'Ōpae for ag, pastoral, community & kuleana settlement uses.
W. Kaua'i (2011)	Develop Agricultural Uses for Hanapēpē Farm Lots/Lease Areas	Existing residential lots in Hanapēpē are too narrow & feel crowded. Residents have expressed a desire to use area behind their lots for agricultural, recreational or open space uses.	Hanapēpē Homestead Community Master Plan & Environmental Assessment ("Phase 2") for 349 acres of lands adjacent to existing Hanapepe Residential Homesteads ("Phase 1") approved by HHC Oct. 2020. Includes subsistence agricultural uses. Design for Phase 2, 75+ residential lots relocating drainage & enlarging Phase 1 lots underway.



Anahola Land Use Requests

Kukulu Kumuhana o
Anahola - Ulupono
Anahola Initiative
- New 10-acre
community garden
and youth training
center



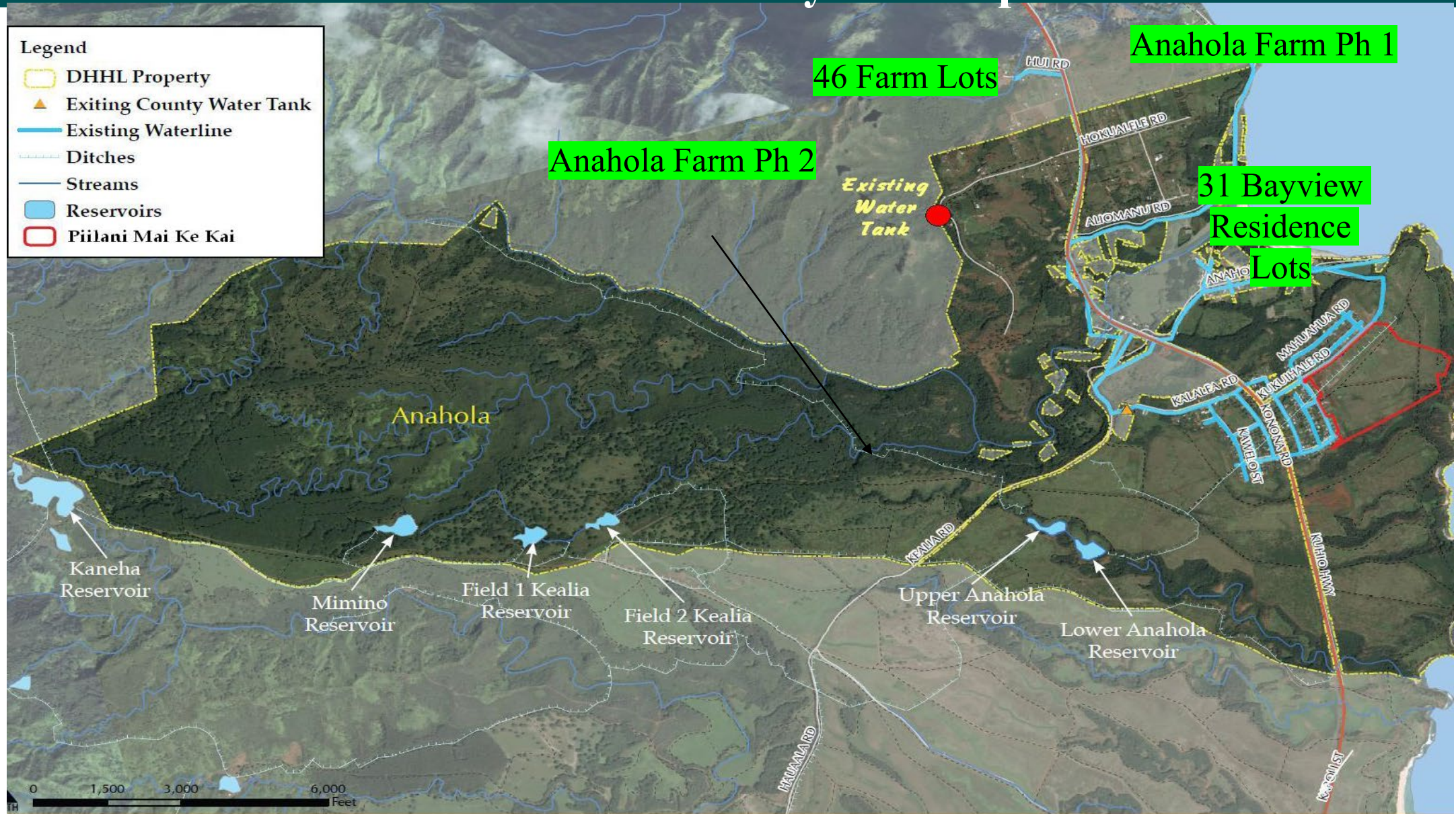


Construction Updates



DHHL – USDA RD

Anahola Farm Lots Water System Improvements





FUNDS AWARDED BY USDA RD

(Accepted by HHC, Nov. 2018)

USDA 2016 FUNDING PACKAGE

DHHL CONTRIBUTION	\$3,770,723
USDA GRANT	<u>\$3,055,137</u>
SUBTOTAL	\$6,825,860

USDA 2018 FUNDING PACKAGE ADDS:

USDA LOAN	\$4,100,000
USDA GRANT	<u>\$1,999,946</u>
SUBTOTAL	\$6,099,946
GRAND TOTAL	\$12,955,806



ANAHOLA FARM LOTS WATER SYSTEM IMPROVEMENTS

Phase 1:

Kaiwa Construction: \$3,196,408

- Replacement of transmission and distribution lines
- Improvement of pressure in mauka and makai lots
- Install smart meters, new backflow preventers
- Upgrades to fire protection; new hydrants

Construction commencement: Feb. 2020

Substantial Completion: July 2021

Expenditure to Date: \$3.016 Million



ANAHOLA FARM LOTS WATER SYSTEM IMPROVEMENTS

Phase 2:

Kiewit Infrastructure West Co.: \$ 6,692,786

- Construct 100,000 gallon temporary steel bolted water tank
- Demolish 500,000 gallon steel water tank
- Install new 440,000 gallon concrete water tank
- Construct pump station upgrades and install new submersible pump
- Construct new upper level distribution line and booster pump to increase pressure near tank

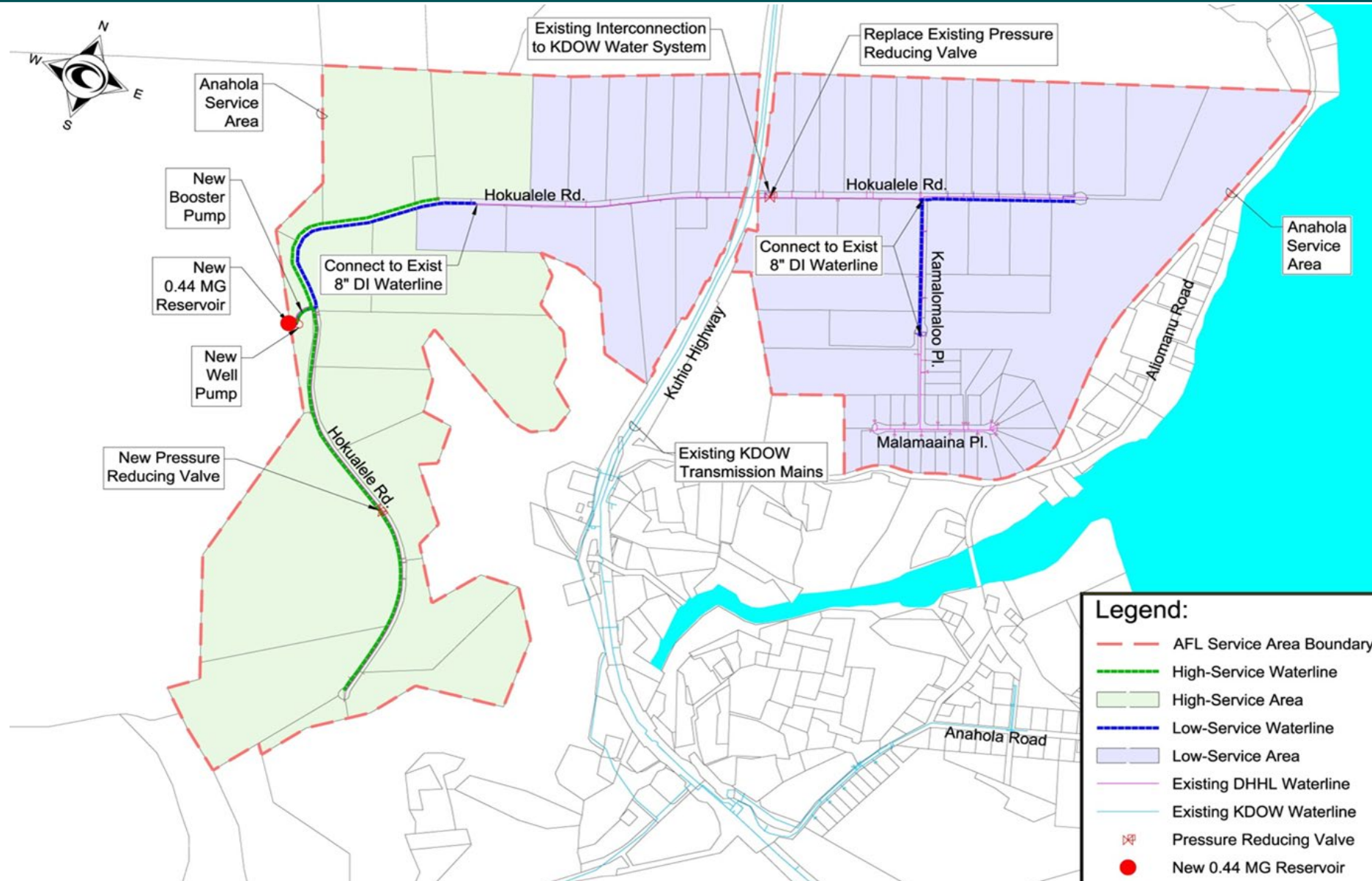
Construction commencement: Dec. 2020

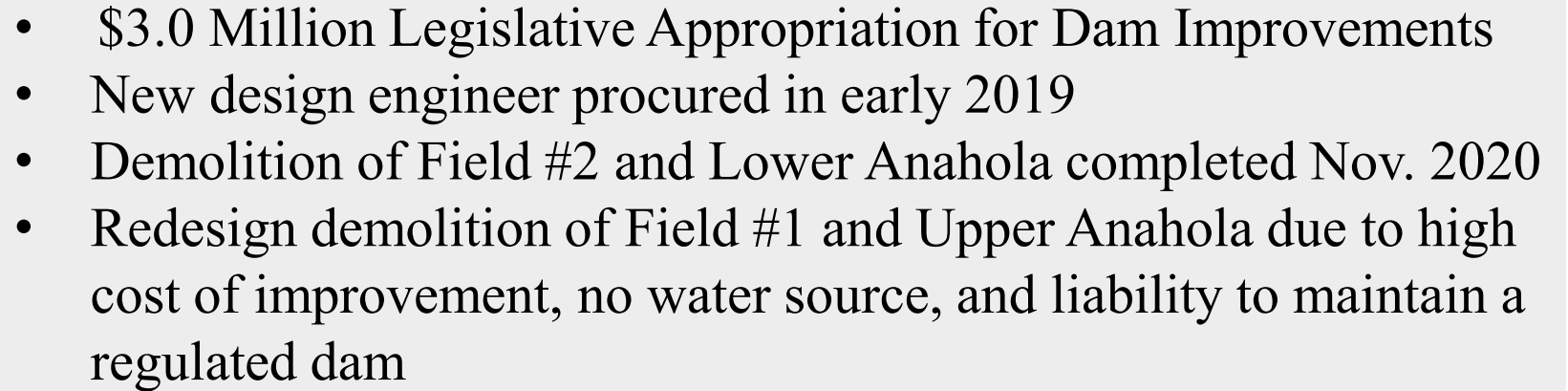
Est. Completion Phase 2: Nov. 2022

Expenditure to date: \$ 2.025 Million



ANAHOLA FARM LOTS WATER SYSTEM

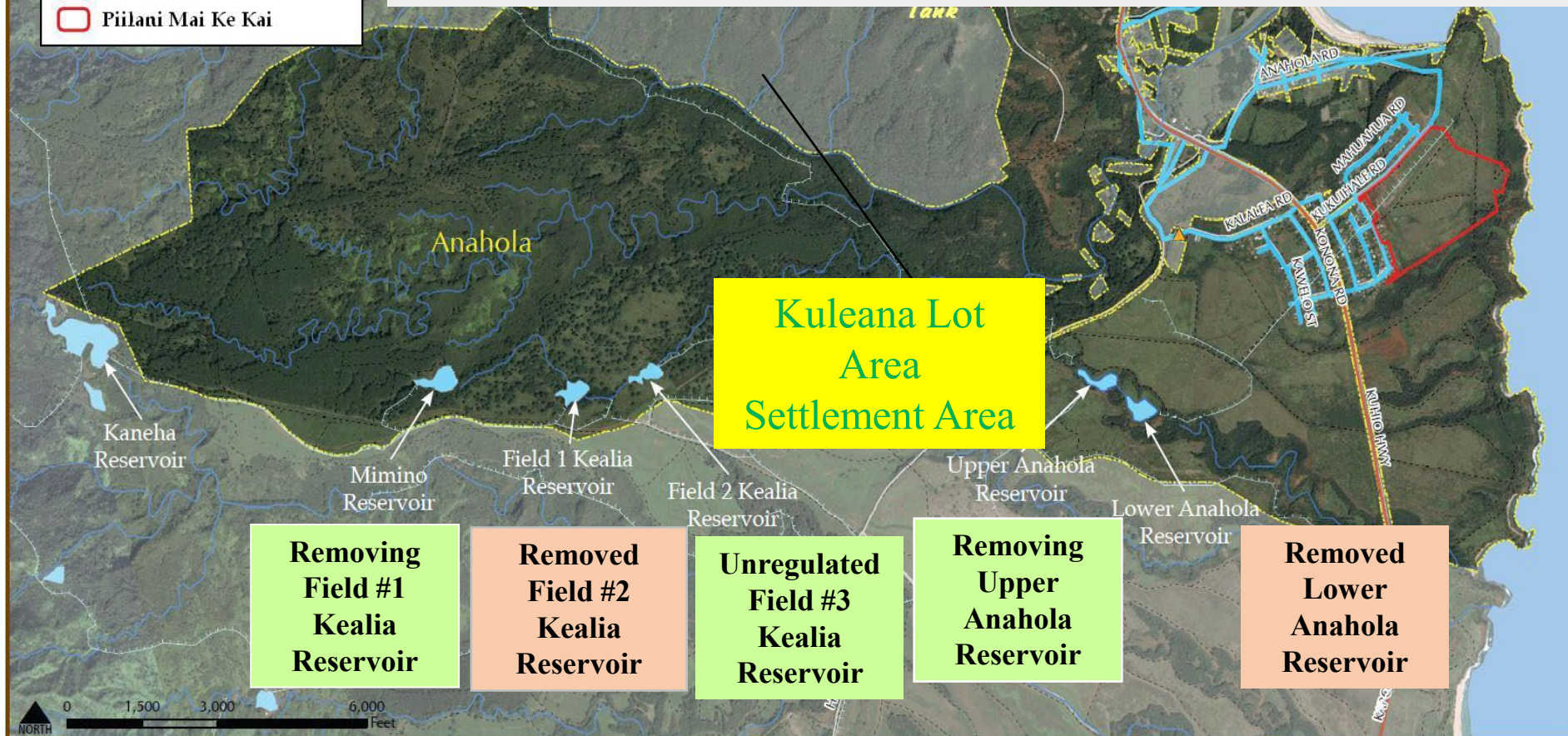




Assessment of Dams for Anahola Kuleana Lot Settlement Plan

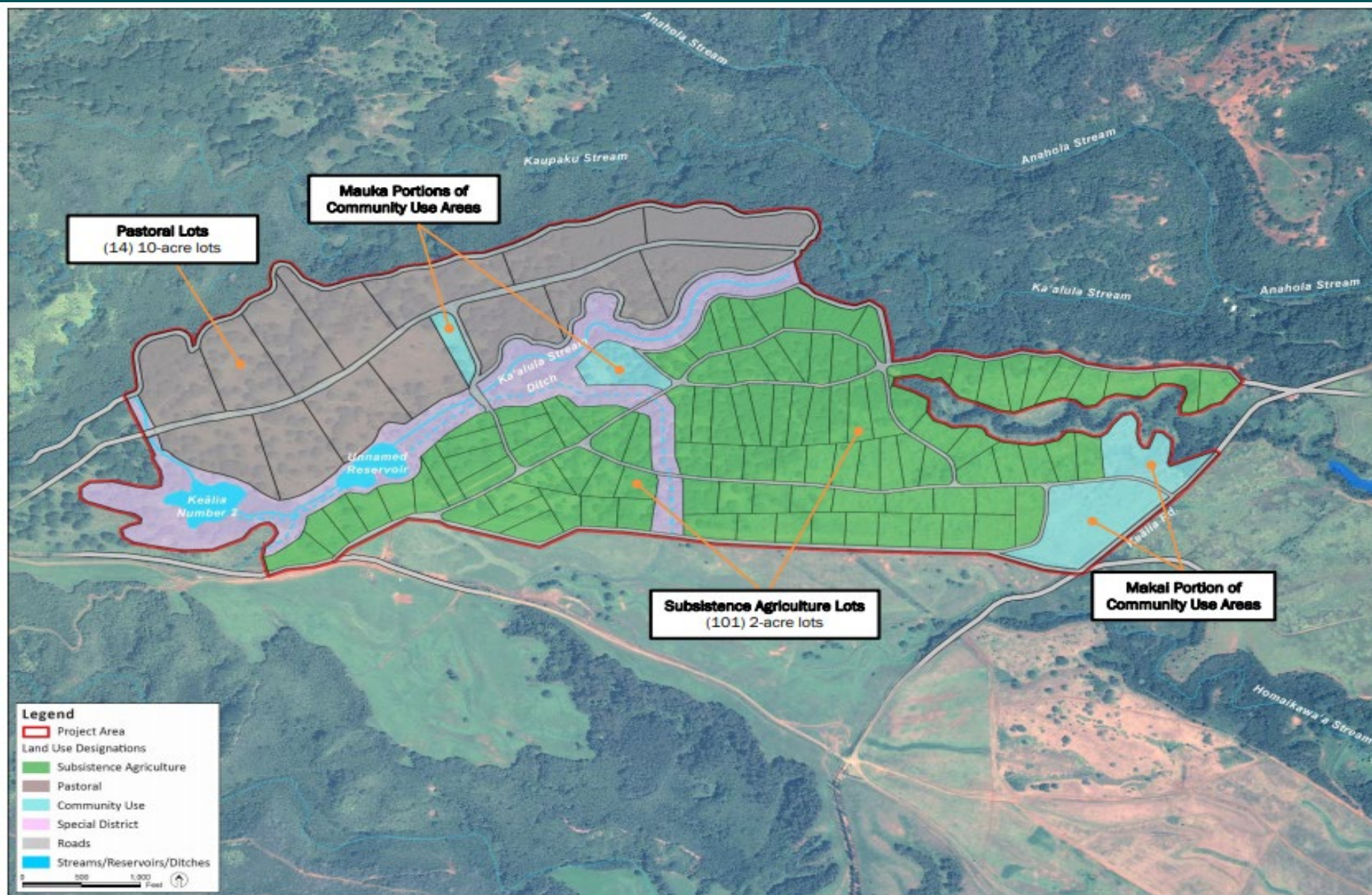


- Draft EA published May 2020; Final EA published June 2021
- Assessed Kealia Field #1 for non-potable; however not feasible
- Additional design funds required for redesign for demolition and removal and for Dam Safety permitting.





ANAHOLA KULEANA LOT SETTLEMENT





PI'ILANI MAI KE KAI



Lot Assessment, Preparation for Award & Offering in Progress

Piilani Mai Ke Kai

Total 181 Undivided Interest Leases

Phase 2

(51 Lots)

- HUD ERR completed.
- No wetlands permitting required from U.S. Army Corp of Engineers for Phase 1 and Phase 2.
- Ready to offer 51 vacant lots in 2021.

Phase 1

(80 Lots)

3 lots for Offer
10 lots in construction process

Phase 3 (50 lots)

Planned lots and roadway awaiting new determination.
Hold design until determination provided by U.S. Army Corp of Engineers.



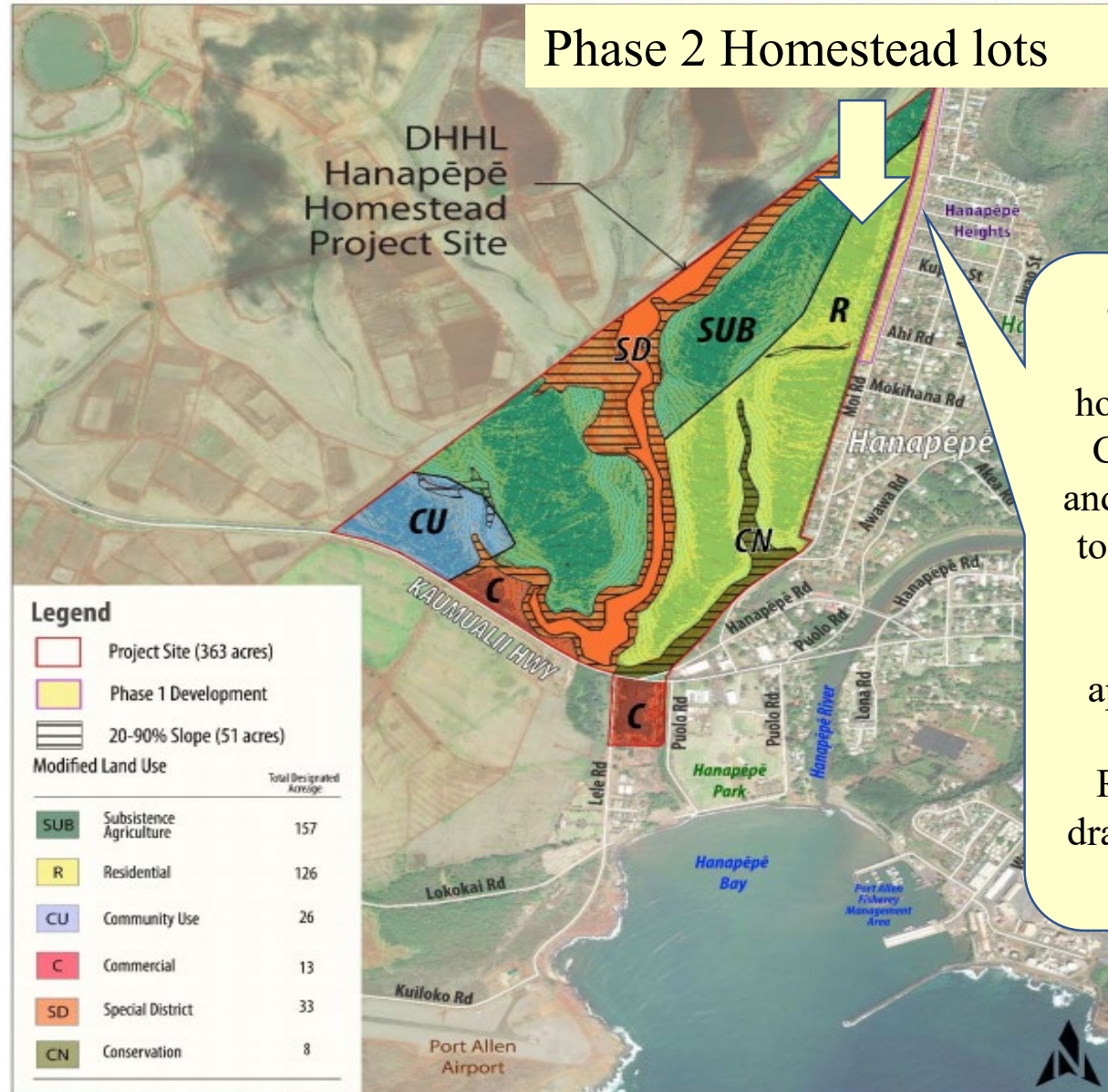
HANAPEPE MASTERPLAN AND ENVIRONMENTAL ASSESSMENT



Legislative
Appropriation:
\$1,000,000 (Planning &
Design)
Masterplan & EA
completed.

Phase 2, 75+ new
residential lots.

Designs in process.
Construction estimate
\$19,000,000.



47 occupied
residential
homestead lots.
Consolidation
and resubdivision
to commence in
2021, with
subdivision
application for
Phase 2.
Relocation of
drainage line and
swale.

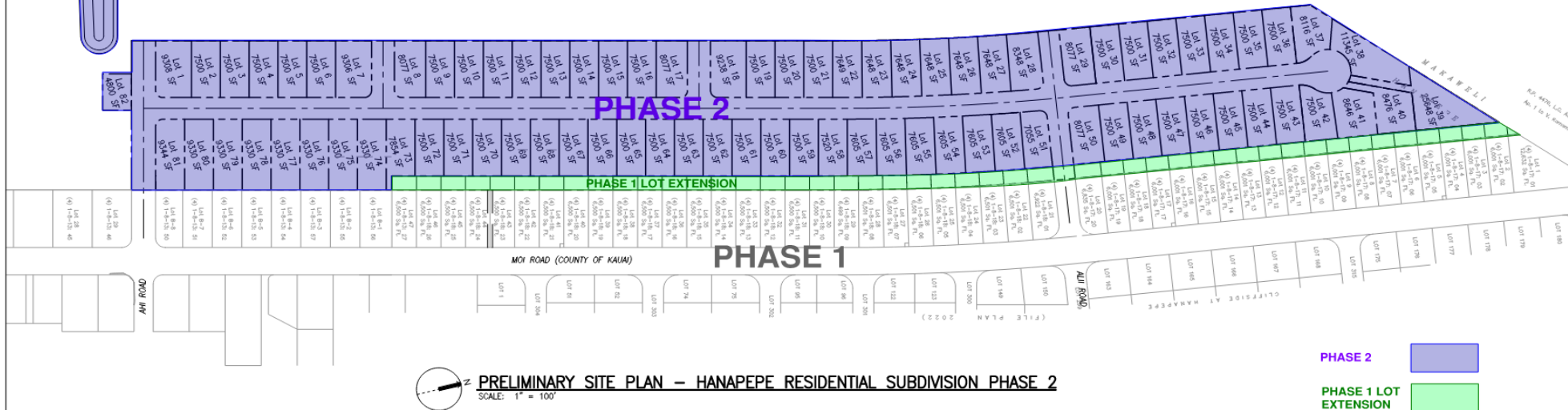
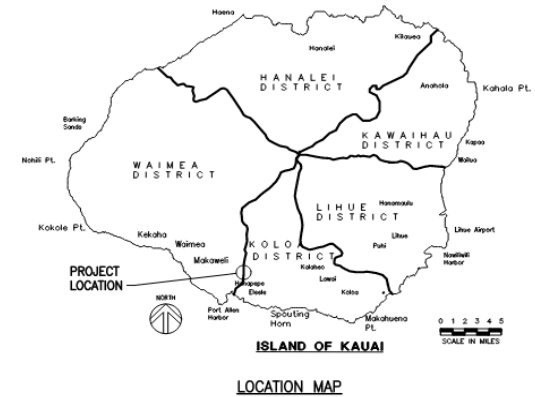
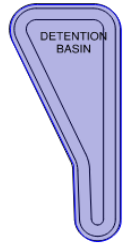


Hanapepe Residential Phase 2

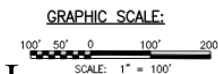
CONCEPTUAL LAYOUT

PHASE 1 CONSOLIDATION AND RESUBDIVISION
ADD APPROXIMATELY 1,500 SQUARE FEET

PHASE 2 SUBDIVISION OF 75+ NEW RESIDENTIAL LOTS
LOT SIZE: MINIMUM 7,500 SQUARE FEET

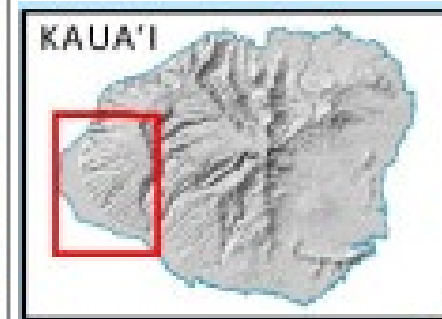
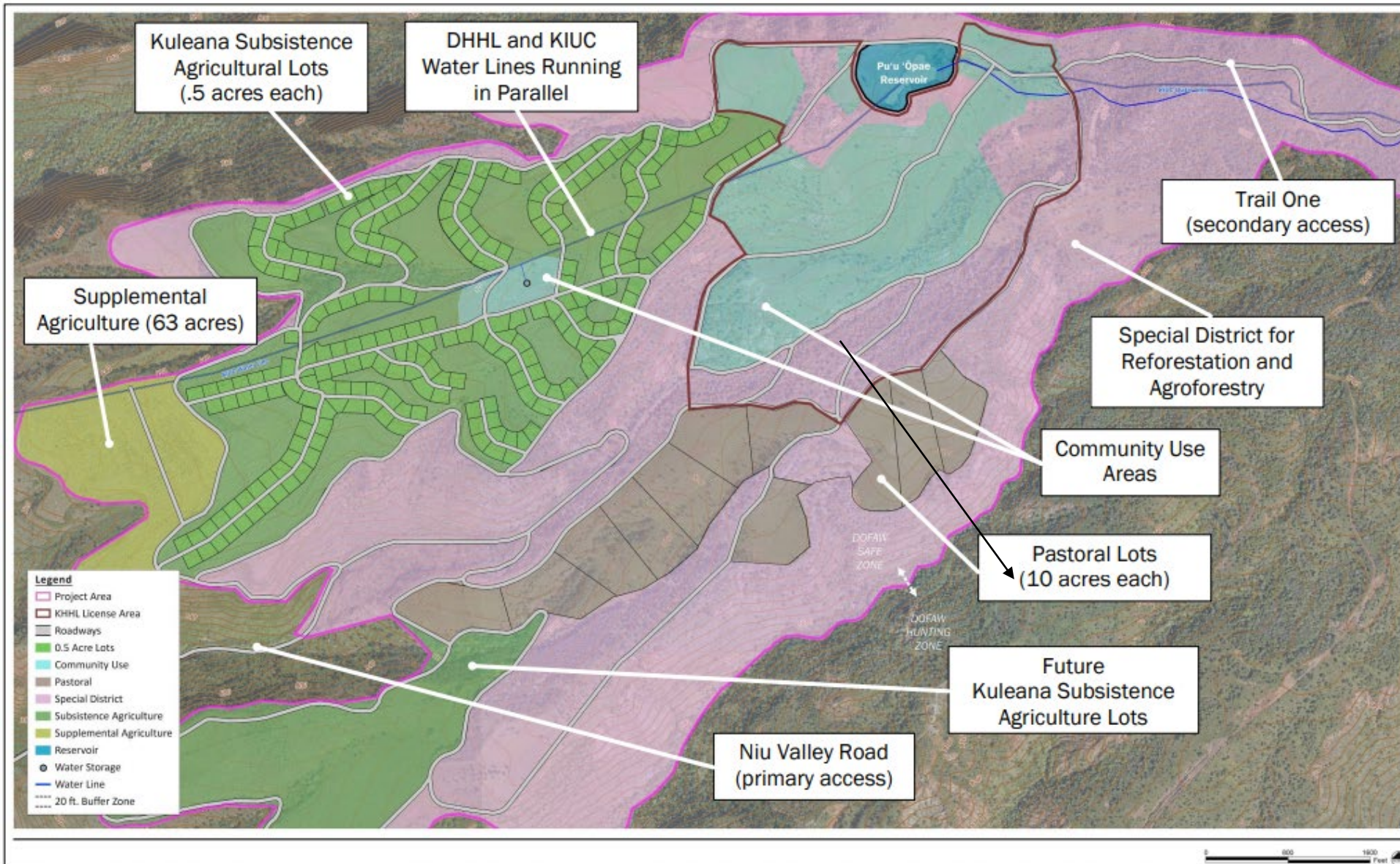


INFRASTRUCTURE IMPROVEMENTS: COUNTY STD. ROADWAY,
POTABLE WATER, SEWER, STORM DRAINAGE, UNDERGROUND ELECTRICAL



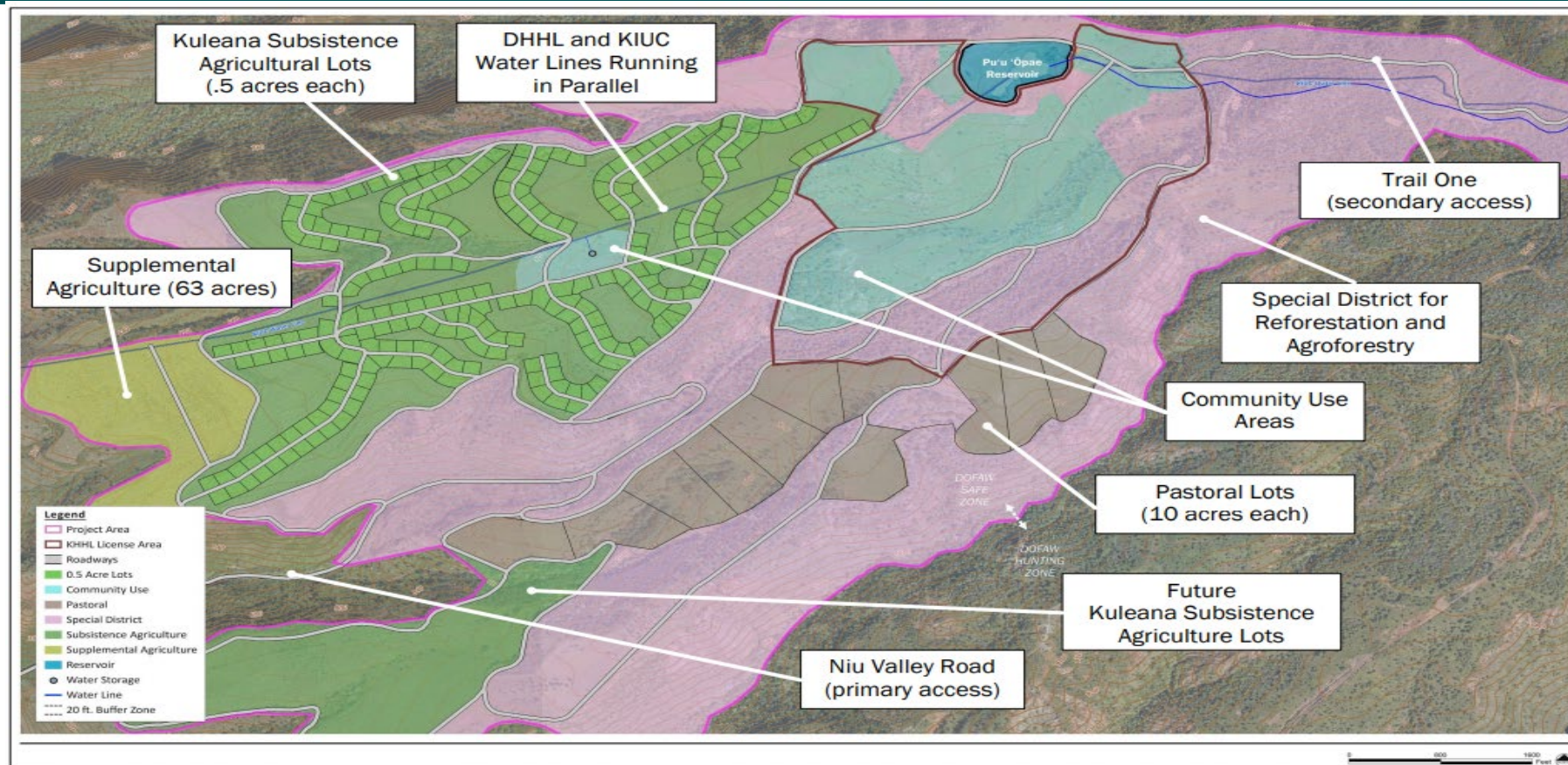


Pu'u 'Ōpae Kuleana Homestead Lots





Pu'u 'Ōpae Kuleana Homestead Lots



- Final EA approved by the HHC in July 2020
- KIUC has agreement with DHHL to make following improvements:
 - Ditch and transmission line improvements
 - Repair 3 existing reservoirs
 - Roadway improvements
- KIUC currently going through HRS 343 EA process



Anahola Hazard Mitigation Project

Fire Captain, Jeremie Makepa



Introduction



Jeremie Makepa

- KFD 18 years
- Fire Prevention Captain
- Anahola Resident
- Homestead Leasee
- Started project in April
- Coordination of multiple State, County, and Private organizations



Anahola Hazard Mitigation Project



Our Anahola?

- Is this what we want our community to look like?
- How did we get here?
- What is happening?
- What can you do to help?



Anahola Hazard Mitigation Project



Our Beaches?

- Is this what we want our beaches to look like?
- How did we get here?
- How do we fix this?
- What can you do to help?



Anahola Hazard Mitigation Project



Our Reputation?

- They don't care, lets dump it there?
- How will we get support?
- Who is responsible?
- What can you do to help?



Anahola Hazard Mitigation Project



Fire/Health Hazard

- Toxic Smoke
- Frequency
- Response Time
- Access Problems
- Damage to Vehicles
- Community Health



Anahola Hazard Mitigation Project



Drone Flight

- Abandoned Vehicles
- Access Areas
- Illegal Camp Sites



Anahola Hazard Mitigation Project



Fire Break Roads

- Contain Fire to Grids
- Creates Access Points
- Minimize KFD Damage
- Reduce response time
- Isolate Hazard
- Car Removal



Anahola Hazard Mitigation Project



Trash Removal

- Illegal Camps
- Illegal Dumping
- Security Issues
- DOT State Workers
- Two weeks of removal



Anahola Hazard Mitigation Project



Miles of Road

- County Public Works
- 3 miles of Firebreak
- Two Small Machines
- 6 weeks of work
- \$60,000 value



Anahola Hazard Mitigation Project



Security Problems

- Push through brush areas
- Cut locks
- Drag cars





Anahola Hazard Mitigation Project

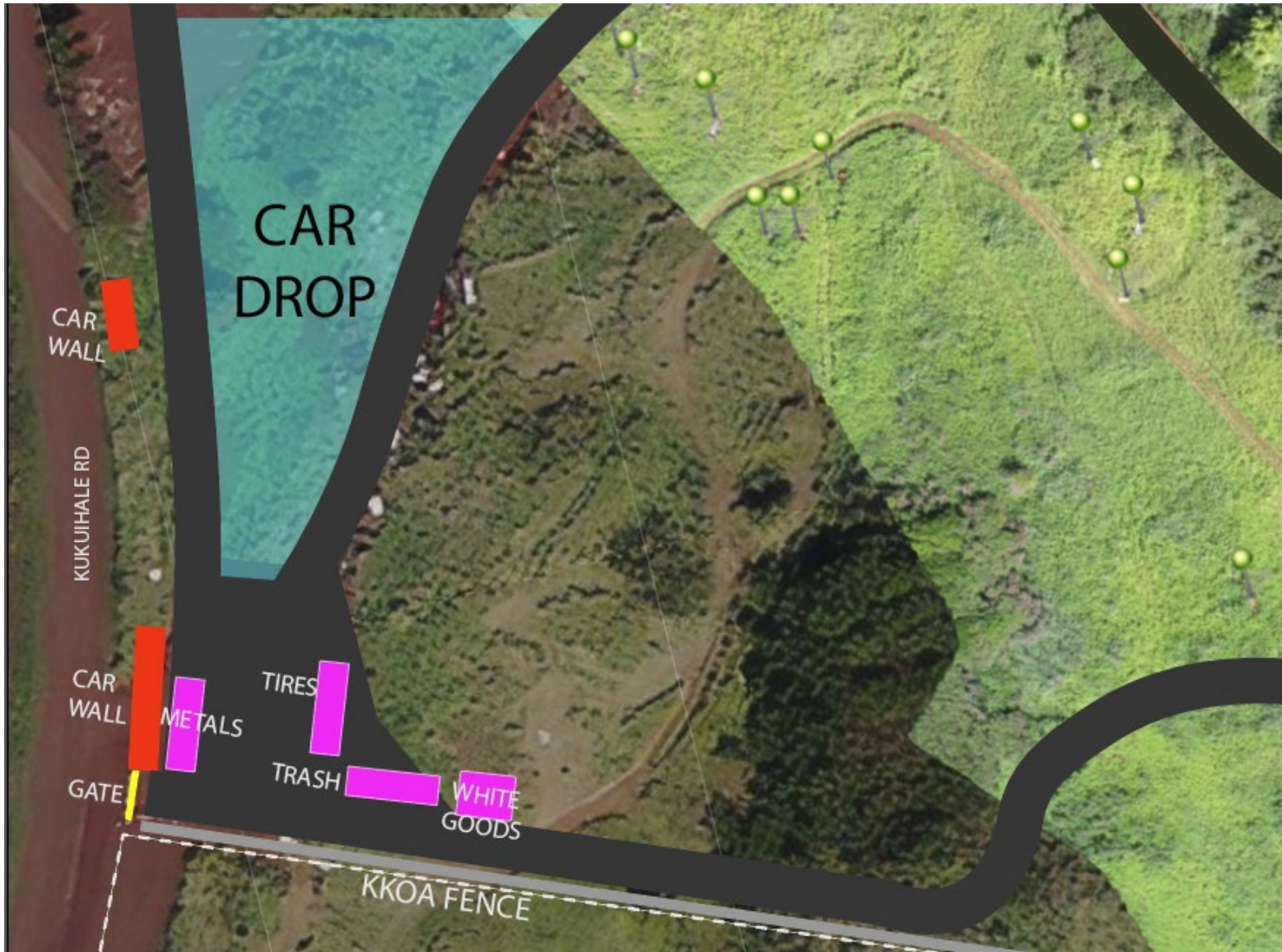


Clearing Access

- A-Town Trucking
- Cars for Walls
- Widen Fire Access
- Fix Gates and Breaches



Anahola Hazard Mitigation Project



Transfer Station

- DOWFA Dozer
- Easy Access
- Sort Waste
- Prep for Car Removal
- Need Volunteers



Anahola Hazard Mitigation Project



Happening Now

- DOWFA Dozer
- Transfer Station
- Fire Breaks
- Planning Clean-ups
- Need Volunteers



Anahola Hazard Mitigation Project



By End of 2021

- Kuhio Hwy Widening
- Dirt Barrier 10'x7'high
- Fence/Guardrail/Gates
- Anahola Beach Park
- Shut down needed? KPD
- Trash/Car Removal
- Green Energy Albizia removal project



Anahola Hazard Mitigation Project



Join the Movement

- How can you help?
- What other organizations can help us?
- What will we do with this area when complete?



Homestead Associations

- Homestead Community Updates



Mahalo



DEPARTMENT OF HAWAIIAN HOME LANDS

www.dhhl.hawaii.gov