



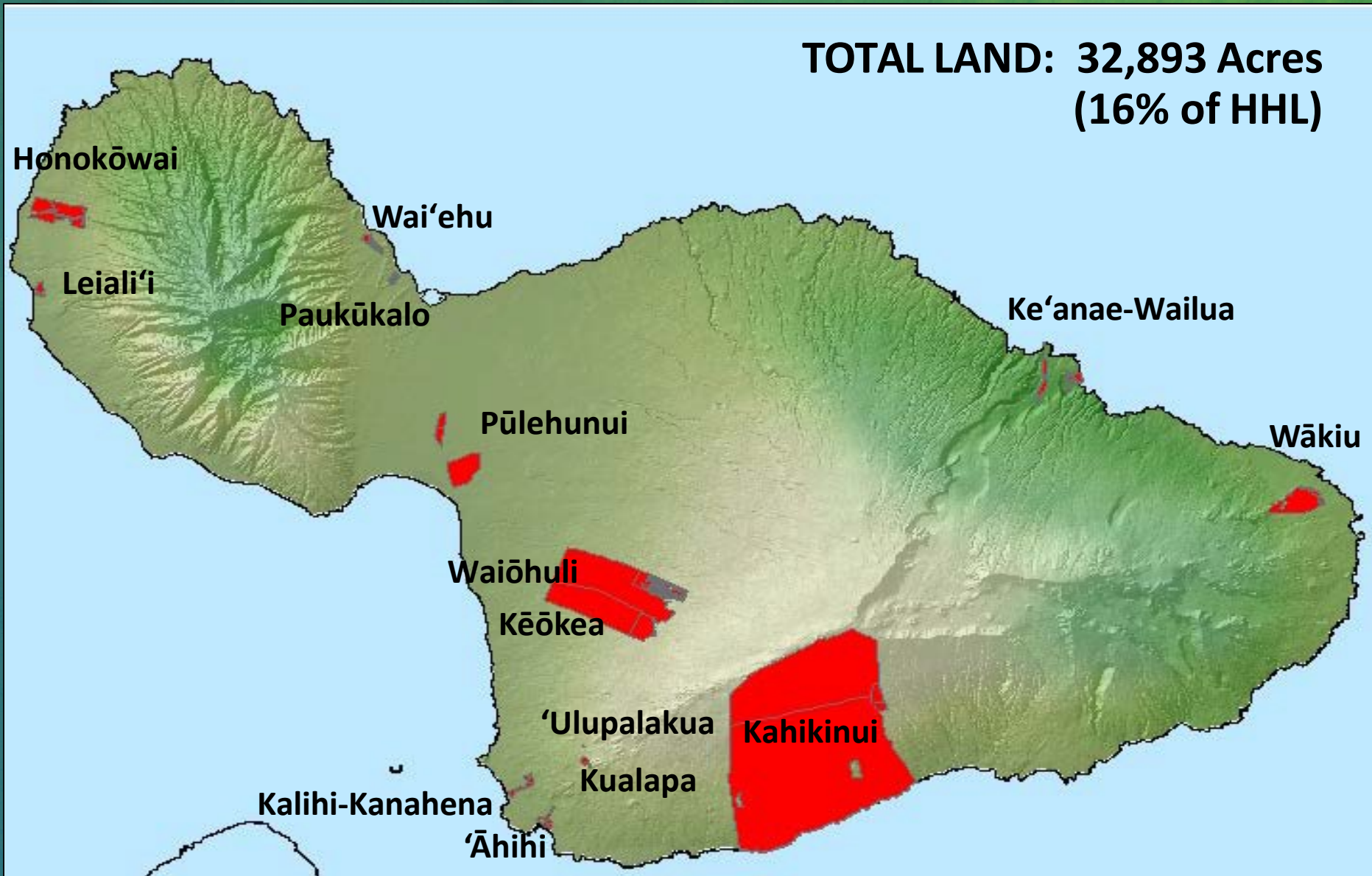
HAWAIIAN HOME LANDS
HAWAIIAN HOMES COMMISSION
DEPARTMENT OF HAWAIIAN HOME LANDS

Land Development Division Maui Island Project Updates

Item E-1 Workshop
November 18, 2019

Mauī na Hono A'o Pi'ilani

**TOTAL LAND: 32,893 Acres
(16% of HHL)**



Act 47, Session Laws of Hawaii, 2017
As Amended by Act 53, Session Laws of Hawaii, 2018
\$24.2 M Capital Improvement Program for Maui

- Keokea-Waiohuli Phase 2
 \$1,000,000 for Design and Construction
- Keokea Offsite Water
 \$2,000,000 for Design and Construction
- Kula Drainage and Roadway Safety
 \$1,200,000 for Design and Construction
- Archaeological Preservation Improvements
 \$1,000,000 for Design and Construction
- Pulehunui Wastewater Infrastructure
 \$17,500,000 for Plans, Design and Construction
- Leialii Parkway and Highway Improvements
 \$1,400,000 for Design and Construction

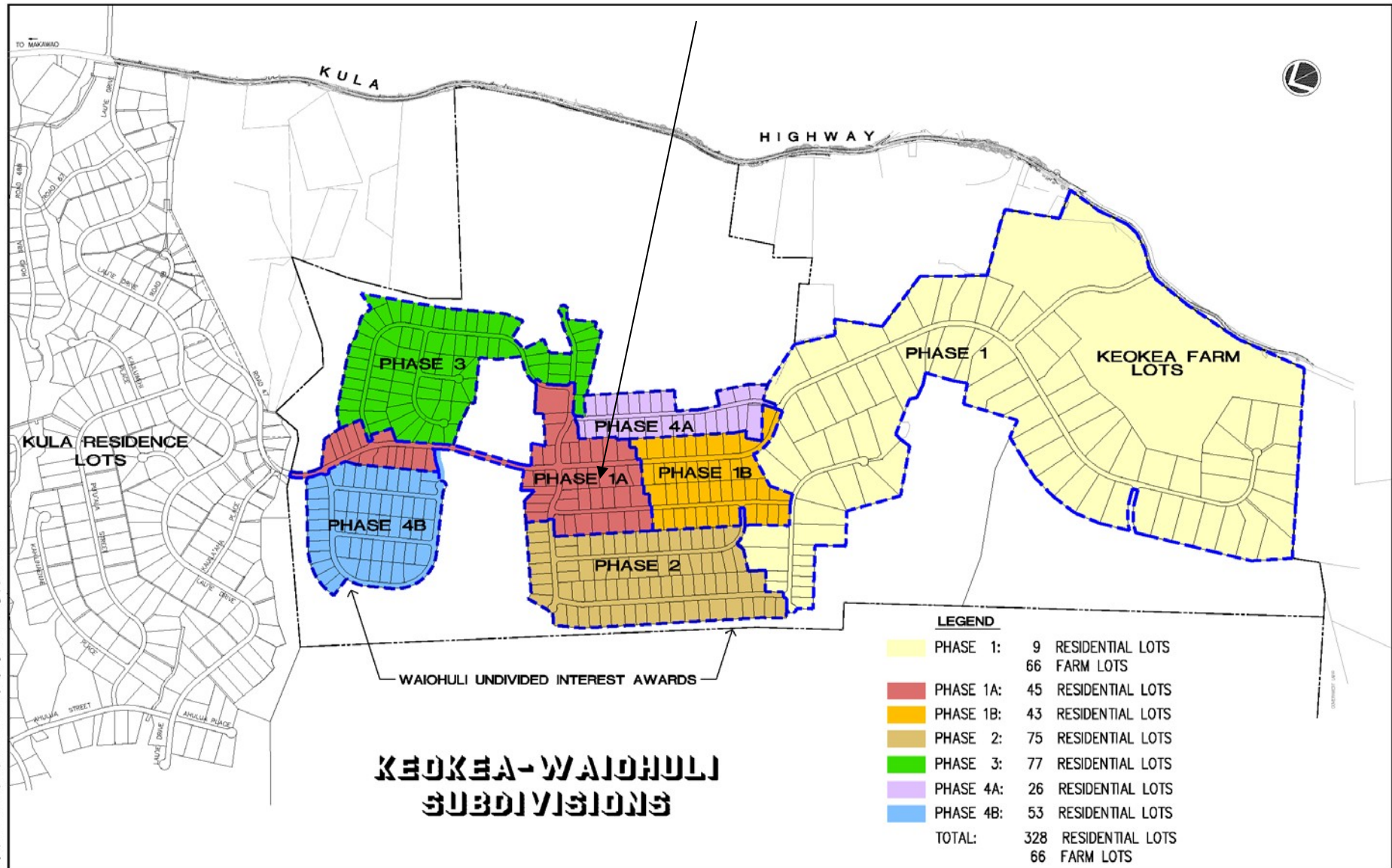
Act 53, Session Laws of Hawaii, 2018
\$6.68M Capital Improvement Program for Maui

- Keokea-Waiohuli Phase 2
\$5,480,000 for Design and Construction
- Kula Residence Lots Drainage and Roadway Safety
\$1,200,000 for Design and Construction

Act 40, Session Laws of Hawaii, 2019

- Lump Sum Lot Development, Statewide
\$20,000,000 for Design and Construction
(\$12,500,000 for Keokea-Waiohuli Ph. 2)
- Lump Sum Repair and Maintenance Infrastructure, Statewide
\$5,000,000 for Design and Construction
- Lump Sum Land Acquisition, Oahu
\$1,000,000

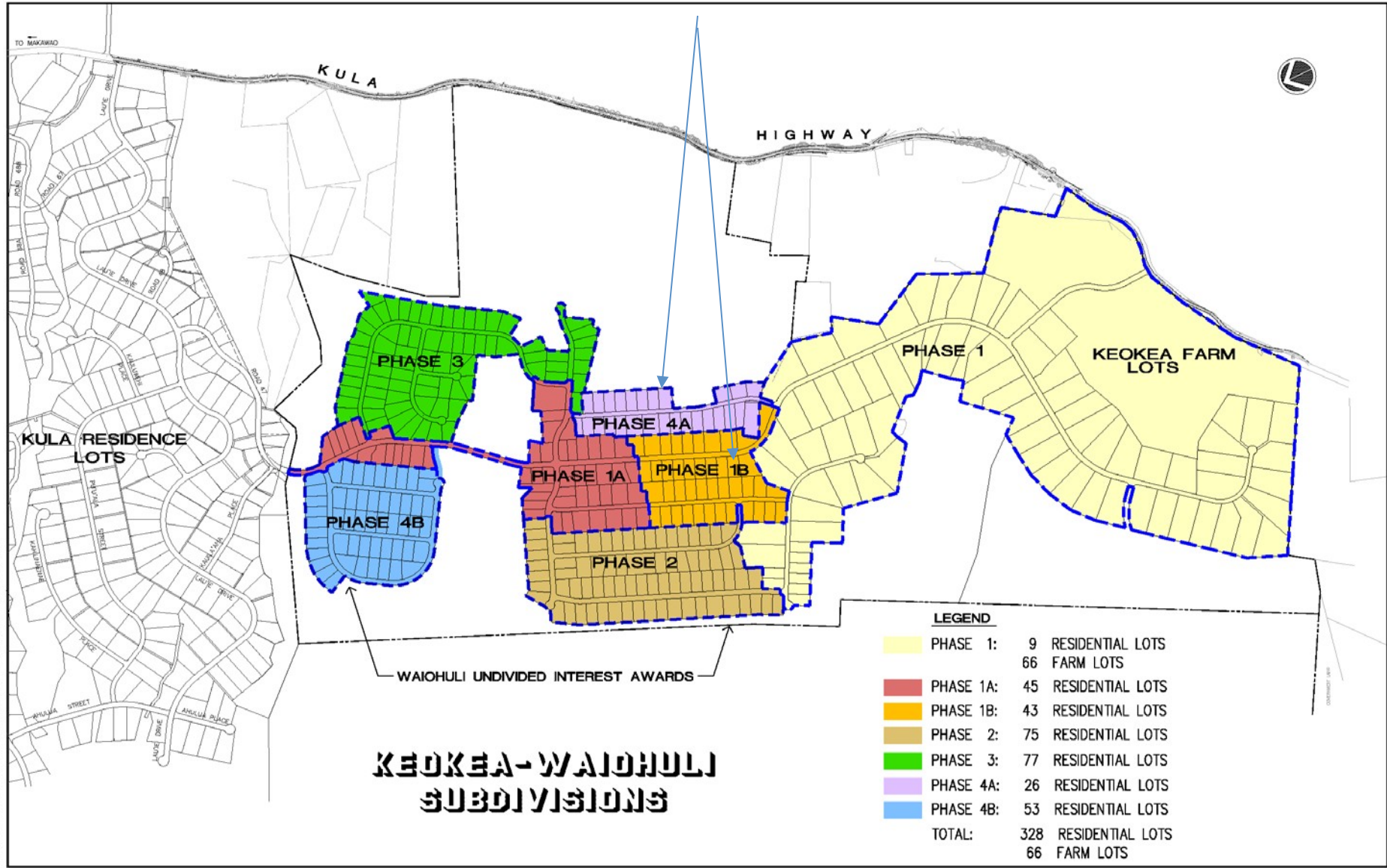
Manuscript received 01/11/2017; Manuscript accepted 01/11/2017. This paper is part of the Special Issue on "The Role of the Firm in the Innovation Process".



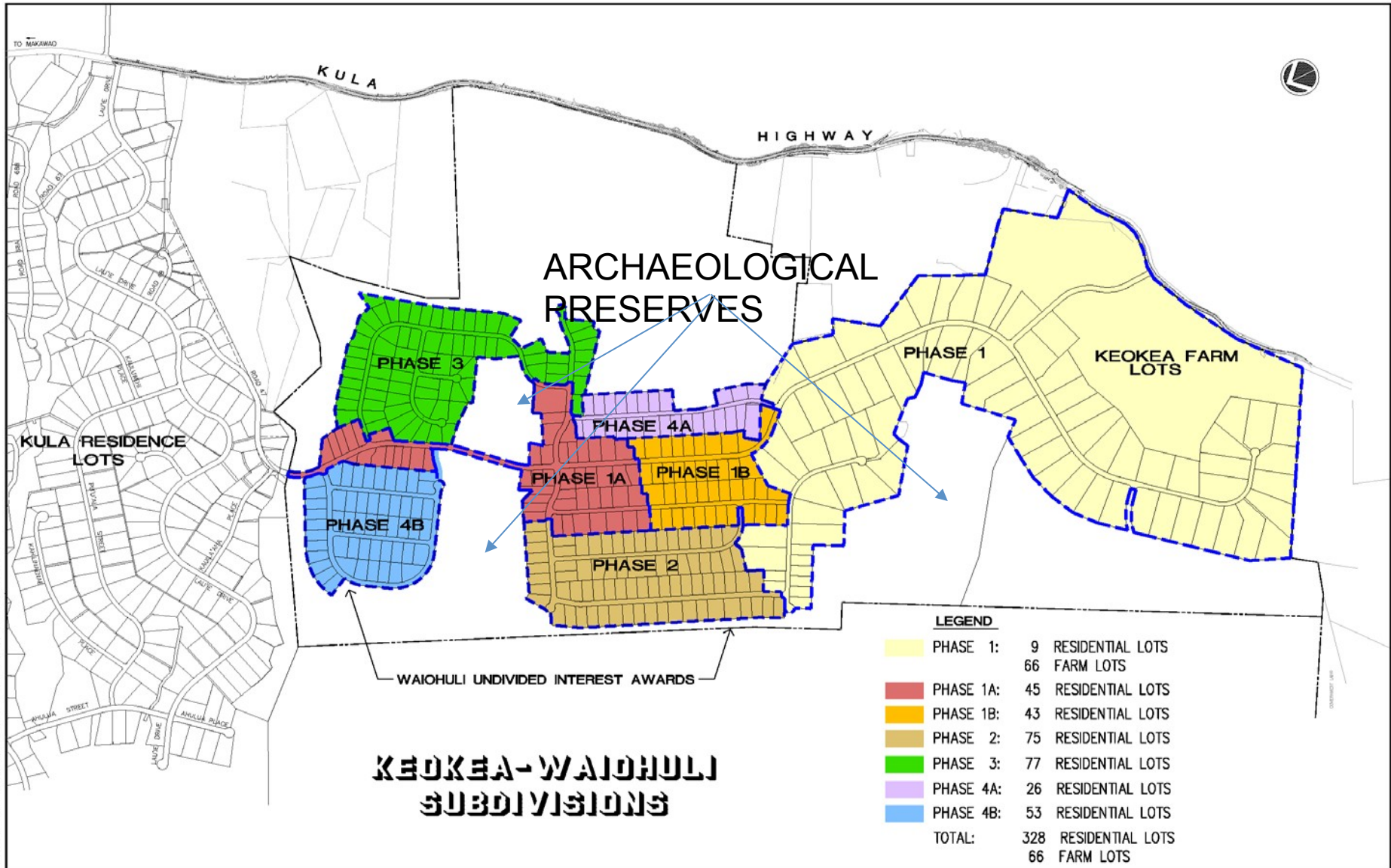
KEOKEA-WAIOHULI DEVELOPMENT

PHASE 1B 43 LOTS

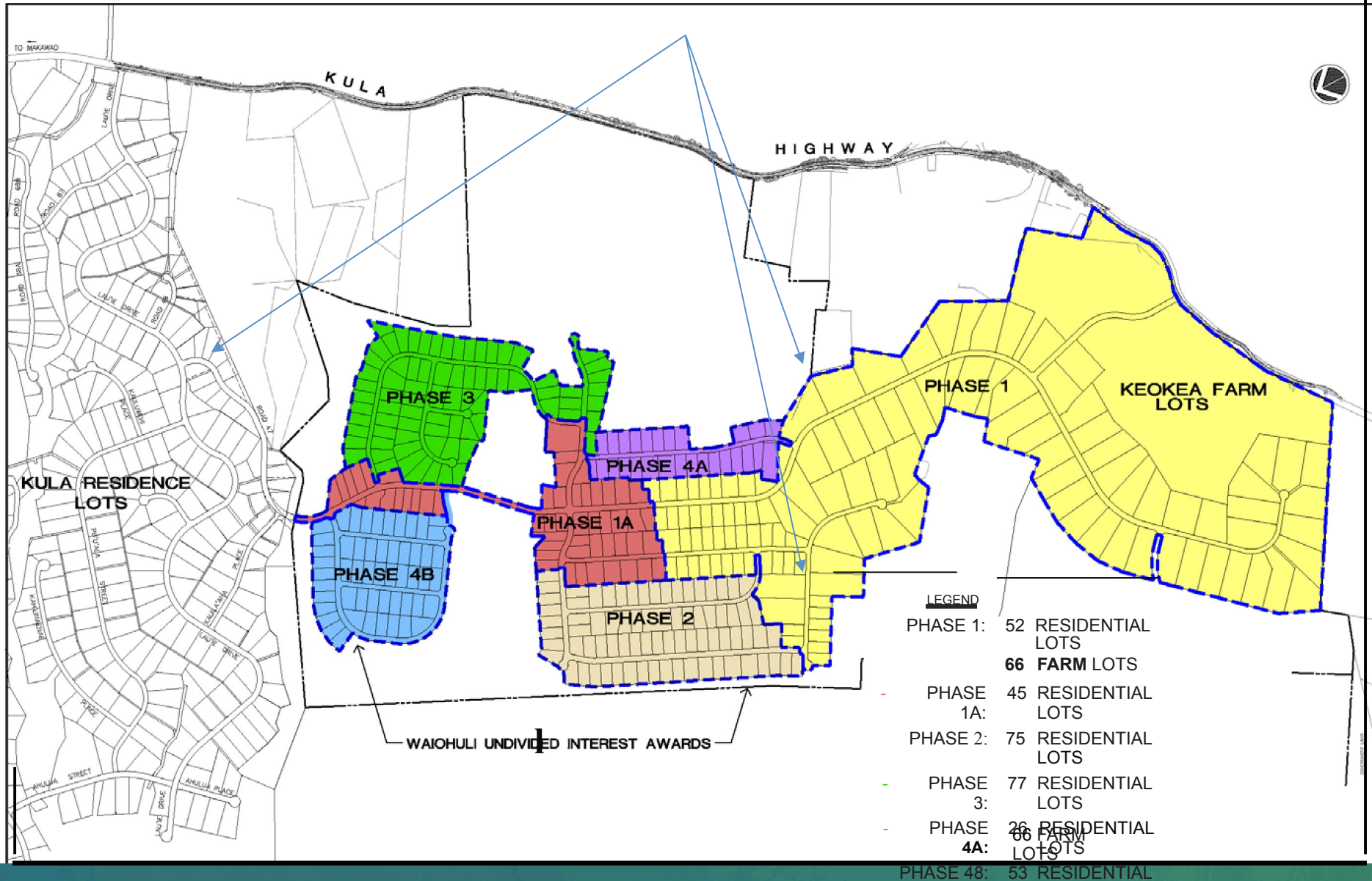
PHASE 2A 23 LOTS



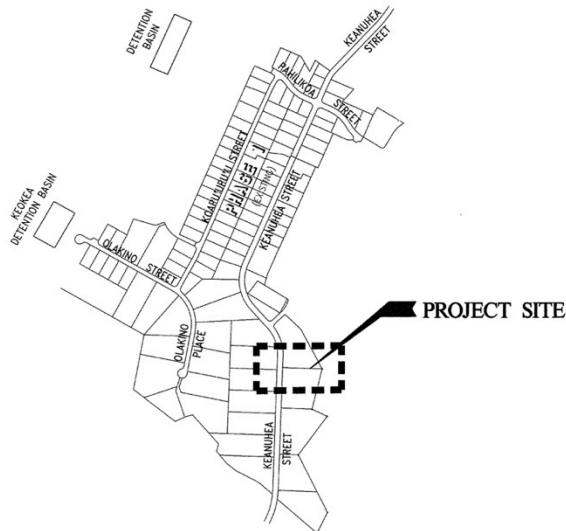
and Fiquedo JH.L. Knowledge Farm Loss Calculator and individual informed map with planning for CR-HL 11-14-17.dwg, 11/2/2017 9:25:45 AM



DRAINAGE AND ROADWAY SAFETY VARIOUS LOCATIONS



VICINITY MAP



LOCATION MAP



CONSTRUCTION PLANS
FOR
LOT 59 & 60
DRAINAGE IMPROVEMENTS

KEOKEA & WAIHOLI, MAKAWAO, MAUI

OWNER AND DEVELOPER: DEPARTMENT OF HAWAIIAN HOME LANDS

TAX MAP KEYS: (2) 2-2-032: 059 & 060

INDEX TO DRAWINGS

DESCRIPTION	SHEET NO.
TITLE SHEET	1
GENERAL NOTES	2-3
GENERAL LAYOUT & EROSION CONTROL PLAN	4
PLAN & PROFILE GRATED INLET "A14A" & SWALE	5
SWALE DETAIL	6
TRAFFIC CONTROL PLAN	7
GENERAL NOTES & TYPICAL DETAILS	8
GRATED INLET "A14A" DETAILS	9

A P P R O V E D

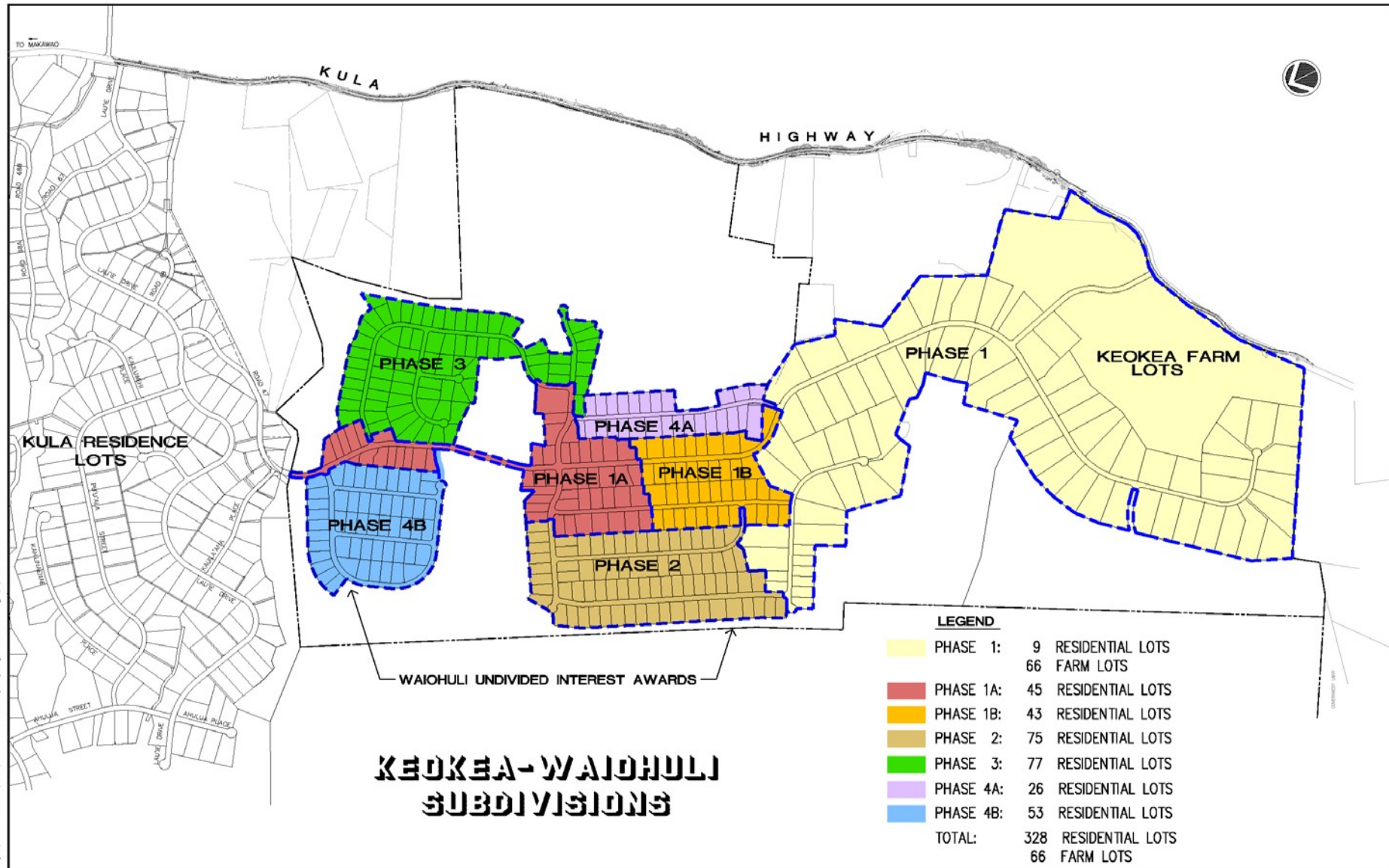
CHAIRMAN, HAWAIIAN HOMES COMMISSION
DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

DA

CHIEF, ENVIRONMENTAL MANAGEMENT DIVISION
DEPARTMENT OF HEALTH, STATE OF HAWAII

DA

KEOKEA FARM LOTS OFFSITE AG WATER FEASIBILITY ANALYSIS OF ALTERNATE SOURCES



REPAIRS PHASE 1

JOB NO. M-18-515

KAHIKINUI, HANA, MAUI, HAWAII

TMK: (2) 1-9-001:003 POR

PREPARED FOR THE:

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
KAHIKINUI, HANA, MAUI, HAWAII

PREPARED BY:



AUSTIN, TSUTSUMI & ASSOCIATES, INC.

ENGINEERS • SURVEYORS • HONOLULU • WAILUKU • HILO



Austin Tsutsumi
 & ASSOCIATES, INC.
 Engineers & Surveyors

1871 WILIPAL LOOP, SUITE A

WAILUKU, HAWAII 96793

PHONE: 808-244-8044

FAX: 808-242-9163

**KAHIKINUI
DRIVEWAY
REPAIRS
PHASE 1**

KAHIKINUI, MAUI

CONSULTANTS	PROJECT LOCATION	INDEX OF DRAWINGS		APPROVALS																																									
<p>CIVIL ENGINEER:</p> <p>AUSTIN, TSUTSUMI & ASSOCIATES, INC.</p> <p>GEOTECHNICAL ENGINEER:</p> <p>PSC CONSULTANTS, LLC</p> <p>ARCHAEOLOGIST:</p> <p>CULTURAL SURVEYS HAWAII, INC</p>	<p>ISLAND OF MAUI</p>	<table><tr><th>SHT NO.</th><th>DWG NO.</th><th>DESCRIPTION</th></tr><tr><td>1</td><td>T-1</td><td>TITLE SHEET</td></tr><tr><td>2</td><td>C-1</td><td>CONSTRUCTION NOTES</td></tr><tr><td>3</td><td>C-2</td><td>EXISTING TOPO AND DEMO PLAN</td></tr><tr><td>4</td><td>C-3</td><td>GENERAL SITE PLAN</td></tr><tr><td>5</td><td>C-4</td><td>SITE SECTIONS</td></tr><tr><td>6</td><td>C-5</td><td>EROSION CONTROL PLAN</td></tr><tr><td>7</td><td>C-6</td><td>EROSION CONTROL DETAILS AND NOTES</td></tr><tr><td>8</td><td>C-7</td><td>PLAN & PROFILE 0+00 TO 10+00</td></tr><tr><td>9</td><td>C-8</td><td>PLAN & PROFILE 10+00 TO 20+00</td></tr><tr><td>10</td><td>C-9</td><td>PLAN & PROFILE 20+00 TO END</td></tr><tr><td>11</td><td>C-10</td><td>MISCELLANEOUS DETAILS</td></tr><tr><td>12</td><td>C-11</td><td>SPILLWAY DETAILS 1</td></tr><tr><td>13</td><td>C-12</td><td>SPILLWAY DETAILS 2</td></tr></table>	SHT NO.	DWG NO.	DESCRIPTION	1	T-1	TITLE SHEET	2	C-1	CONSTRUCTION NOTES	3	C-2	EXISTING TOPO AND DEMO PLAN	4	C-3	GENERAL SITE PLAN	5	C-4	SITE SECTIONS	6	C-5	EROSION CONTROL PLAN	7	C-6	EROSION CONTROL DETAILS AND NOTES	8	C-7	PLAN & PROFILE 0+00 TO 10+00	9	C-8	PLAN & PROFILE 10+00 TO 20+00	10	C-9	PLAN & PROFILE 20+00 TO END	11	C-10	MISCELLANEOUS DETAILS	12	C-11	SPILLWAY DETAILS 1	13	C-12	SPILLWAY DETAILS 2	
SHT NO.	DWG NO.	DESCRIPTION																																											
1	T-1	TITLE SHEET																																											
2	C-1	CONSTRUCTION NOTES																																											
3	C-2	EXISTING TOPO AND DEMO PLAN																																											
4	C-3	GENERAL SITE PLAN																																											
5	C-4	SITE SECTIONS																																											
6	C-5	EROSION CONTROL PLAN																																											
7	C-6	EROSION CONTROL DETAILS AND NOTES																																											
8	C-7	PLAN & PROFILE 0+00 TO 10+00																																											
9	C-8	PLAN & PROFILE 10+00 TO 20+00																																											
10	C-9	PLAN & PROFILE 20+00 TO END																																											
11	C-10	MISCELLANEOUS DETAILS																																											
12	C-11	SPILLWAY DETAILS 1																																											
13	C-12	SPILLWAY DETAILS 2																																											

This work was prepared by me or under my supervision and construction of this project will be under my observation. (Observation of construction as defined in Chapter 16-115 Subchapter 1 Definitions of the Hawaii Administrative Rules Professional Engineers, Architects, Surveyors, and Landscape Architects.)

APRIL 30, 2020
EXP. DATE OF THE LICENSE

[illegible]

Project No: 18-515

Scale: AS NOTED

Date: 10/31/2019

Designed By: JKL

Drawn By: ATA

Checked By:	AW
-------------	----

TITLE SHEET

DWG. NO.

T-1

SHEET 1 OF 13



LEGEND



PULEHUNUI INFRASTRUCTURE MASTERPLAN

Figure 1-2:
Aerial Photograph

PŪLEHUNUI REGIONAL
INFRASTRUCTURE MASTER PLAN

Governor accepts final EIS for Pulehunui master plan

Water, wastewater, roads mapped out for state projects

The Maui News

The final environmental impact statement for the Pulehunui regional infrastructure master plan has been accepted by Gov. David Ige.

The final EIS approved on Oct. 19 outlines water, wastewater and key roadways that will serve state-owned lands in Pulehunui that are proposed for development.

Acceptance of the final EIS was reported in the Office of

Environmental Quality Control's "The Environmental Notice" on Nov. 8.

The state Department of Hawaiian Home Lands is leading infrastructure planning efforts on behalf of four state agencies that own land or are overseeing projects on a combined 1,500 acres in Central Maui.

In 2014, DHHL was awarded \$4 million in capital improvement funds to plan and design the infrastructure for the region. To date, \$17.5 million has been appropriated for wastewater improvements.

The areas in the master plan

include 830 acres of DHHL's Pulehunui North and South projects; 280 acres of the state Department of Land and Natural Resources' industrial and business park; 429 acres of fallow DLNR land; and 40 to 45 acres for the Maui Regional Public Safety Complex, overseen by the state Department of Accounting and General Services as well as Public Safety.

DHHL's projects, on vacant former sugar cane lands, will be used for beneficiary purposes, such as farming and education, as well as commercial uses that would fund DHHL programs. The projects include agricultur-

al homesteads, industrial/agricultural processing space, an education facility, a cultural and arts center, commercial space and possibly a hotel.

The master plan says the preferred way of supplying water to the projects would be to connect to the county Department of Water Supply system, although DHHL plans to work with the county on a plan.

The master plan also proposes building a private wastewater system.

The Nov. 8 notice also reported that Kaheawa Wind Power II has submitted its final supplemental EIS on Oct. 17

to increase its incidental bat and goose take.

The approving agency/accepting authority is the DLNR, which has 30 days from date of receipt to determine acceptability.

In its final supplemental EIS, Kaheawa, which owns and operates a 21-megawatt wind energy facility on the West Maui Mountains near Maalaea, is seeking to increase its incidental take of the Hawaiian hoary bat from 11 to 38 adults and for the Hawaiian goose from 30 to 44 adults, during the remainder of its 20-year permit, which was issued

KWP II would implement avoidance and minimization measures and monitoring, and it would also provide mitigation commensurate with the new take levels, according to the supplemental EIS.

Mitigation measures would include acquiring land for conservation purposes, funding management of a Hawaiian goose breeding pen and funding research critical to understanding Hawaiian hoary bat movements, roosting behavior and diet, according to the notice.

Kahului sets a new heat record

Flash-flood watch, high-surf advisory still in effect

The Maui News

A high temperature of 92 degrees in Kahului on Sunday broke the old record of 89 set on the same day in 1992, according to the National Weather Service.

It's the third time Kahului has tied or broken a record this month. On Thursday, temperatures reached 90 degrees, tying the old record set in 1991. And on Nov. 5, it was 93 degrees, breaking the old record of 92 set in 1952.

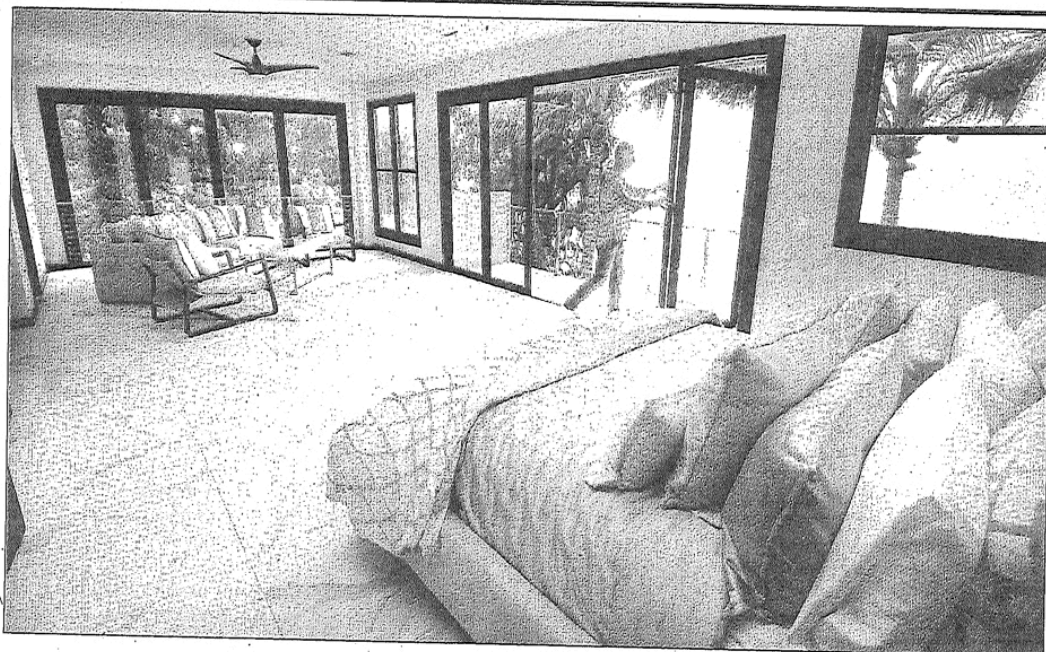
Homes

Continued from Page A1

on the affordability index as compared to 39. (The higher the number, the greater affordability; an index of 120, for example, means the median household income is 120 percent of what is necessary to qualify for the median-priced home.)

Homes that closed in October had been on the market for an average of 138 days, a 24.3 percent jump over the average of 111 days in October 2018.

The hottest markets for single-family homes were in Wailuku, where 24 homes were sold at a median price of \$671,395; Kahului, where 16 homes sold at a median price of \$672,000; and Kihei, where 14 homes sold at a median price of \$752,500. The priciest markets were in Wailea-Makena, where six homes sold at a median price of \$9,551,176; and Kanaha



The Maui News / MATTHEW THAYER photo

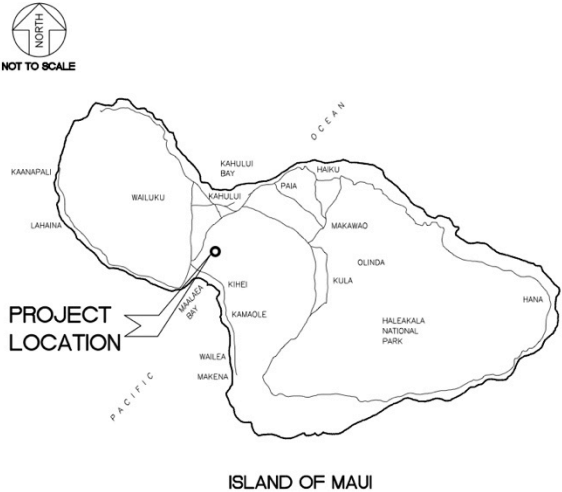
Real Estate Broker Dennis Rush of Elite Pacific Properties opens the expansive master bedroom windows of a three-bedroom, three-and-a-half bath private town home at Maui Beach Place.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
PŪLEHUNUI, MAUI, HAWAII

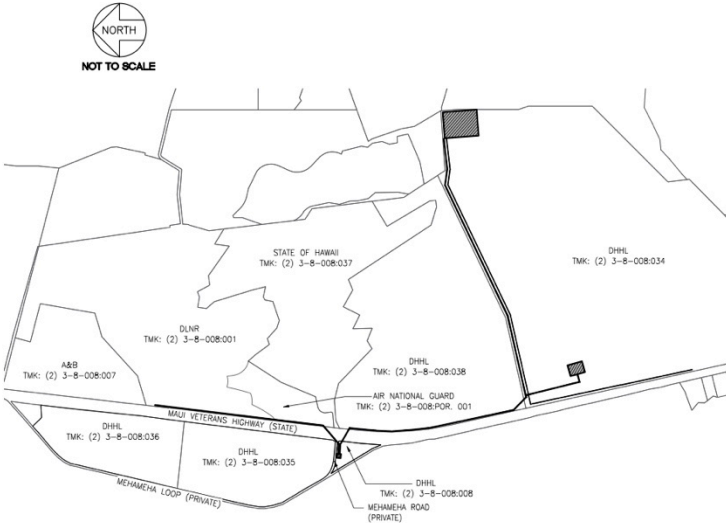
PŪLEHUNUI WASTEWATER SYSTEM

TAX MAP KEY: (2) 3-8-008: 001 (DLNR), 008, 034, 035 AND 038 (DHHL)

LOCATION MAP



VICINITY MAP



APPROVED

CHIEF, ENVIRONMENTAL MANAGEMENT DIVISION
DEPARTMENT OF HEALTH, STATE OF HAWAII
DATE

DIRECTOR, DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
DATE

DIRECTOR, DEPARTMENT OF PUBLIC WORKS
COUNTY OF MAUI
DATE

ADMINISTRATOR, HIGHWAYS DIVISION
STATE DEPARTMENT OF TRANSPORTATION
(APPROVAL GRANTED FOR WORK WITHIN STATE
RIGHT-OF-WAY ONLY)
DATE

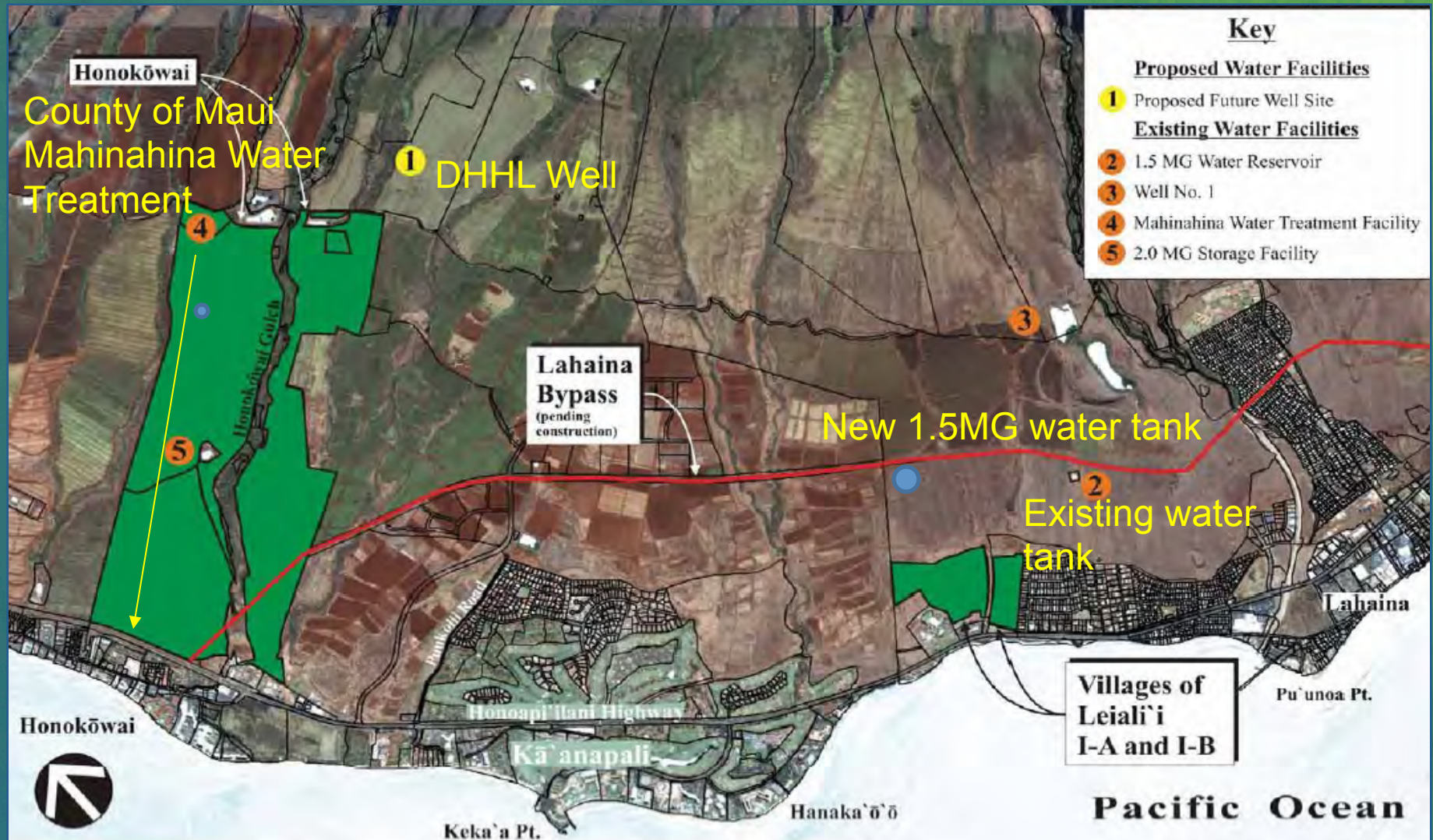
DWG. NO. T-1
SHEET 1 OF XX

FILE POCKET FOLDER NO.

HONOKOWAI WATER DEVELOPMENT

DHHL-COM AGREEMENT FOR 330 WATER METERS

\$10 M STATE FUNDING FOR CONSTRUCTION



VILLAGES OF LEIALI'I DEVELOPMENT



PU'UNANI HOMESTEAD SUBDIVISION

TMK: (2) 3-5-002-002 Wailuku, Maui

Proposed: 137 Turnkey
homes

24 Vacant Lots

44
acres



