

CELEBRATE WAIPAHU! Waipahu TOD Action Plan



SHADE INTERN CREW

AUSTIN CHUN ANN MOTONAGA REGINA AMIROVA BREEANNA GARCIA MARIA PETROVA KEELAN OKAZAKI KRISTEN PATINO

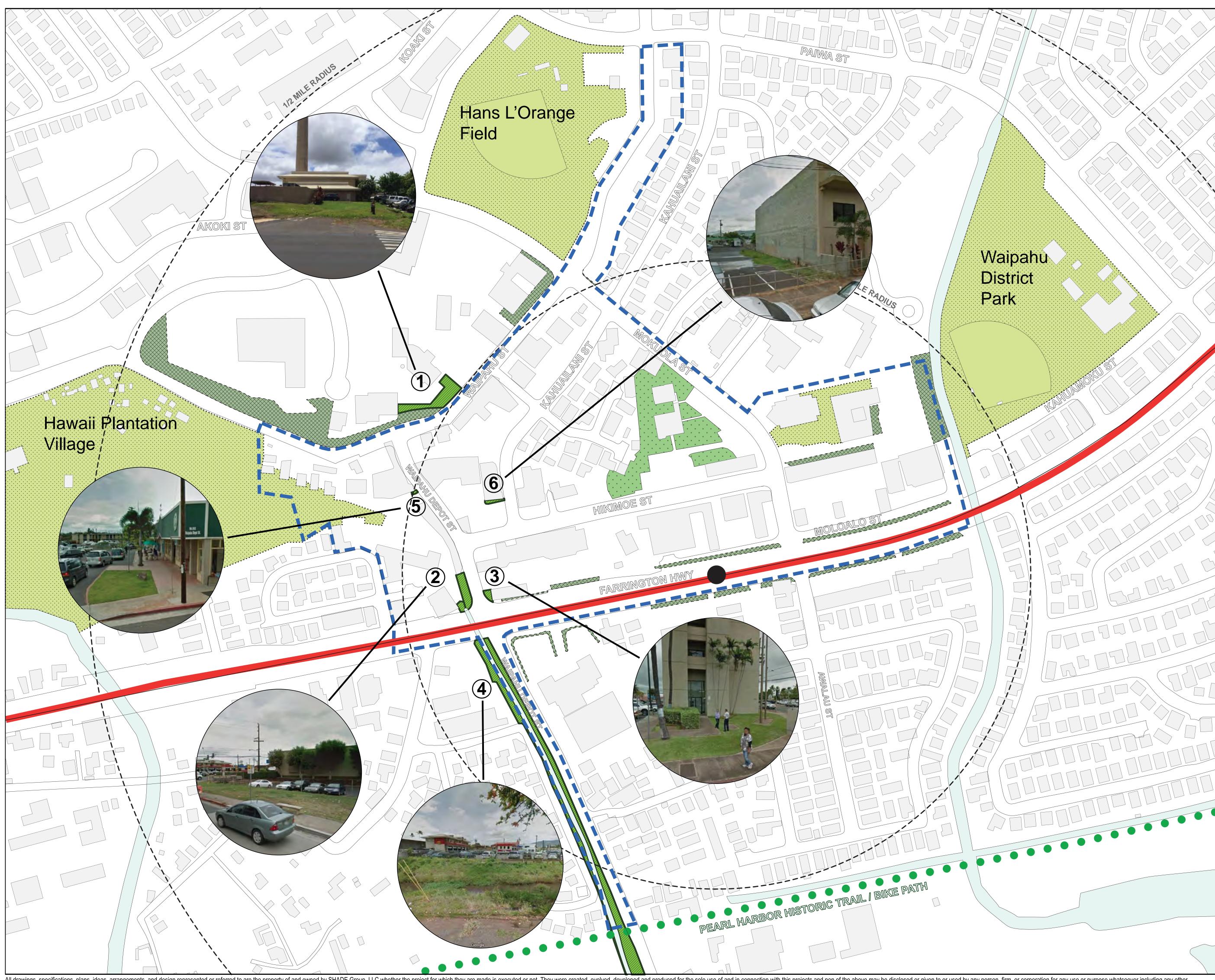
DOCUMENTATION AND MACRO-ANALYSIS PRESENTATION

06/29/2016





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LEGEND:

Rail
 Rail station
 Pearl Harbor Historic Trail/Bike Path
 TOD Boundary
 Passive green space (landscape)
 Active green space (parks/trails)
 Private green space (fenced)
 Opportunity lots

NOTES:

Although located between 3 large parks the area itself lacks greenery and pervious surfaces. A few green islands can be found around the site and adopted for the public use:

- 1. Closed YMCA Driveway
- 2. Stream Entrance
- 3. Corner of Souido-Alquero Bldg
- 4. Kapakahi Stream Walk
- 5. Waipahu Festival Marketplace Entrance
- 6. 94-862 Kahuailani Street



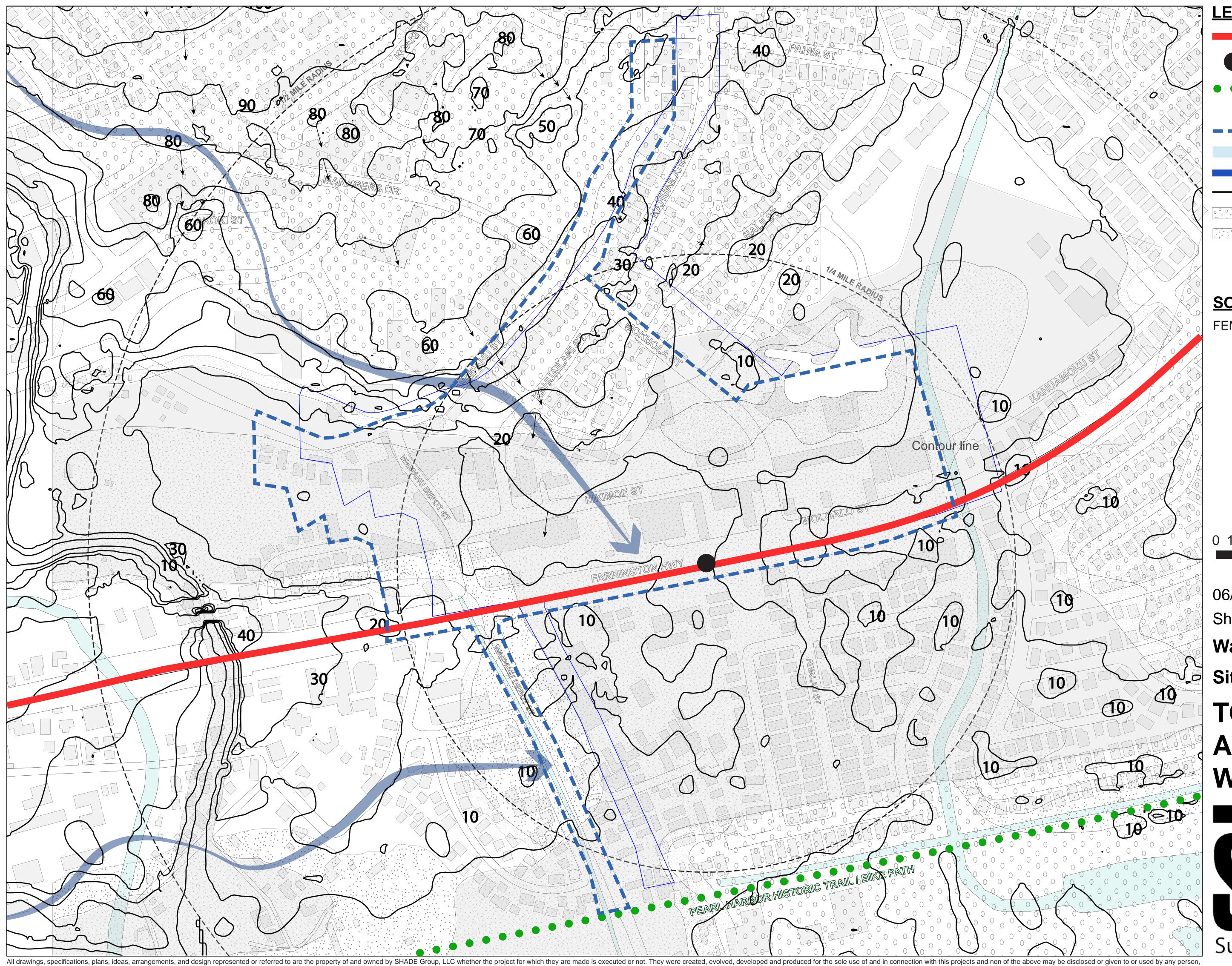
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Waipahu TOD Action Plan

Site Analysis

OPEN SPACE DIAGRAM





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LEGEND:

- Rail
- **Rail Station**
- Pearl Harbor Historic Trail Bike Path
- TOD Boundary
- Flood Zone
- Water Flow Direction
- Contour line
- Bigh land
- Low land

SOURCES:

FEMA Flood Map Service Center



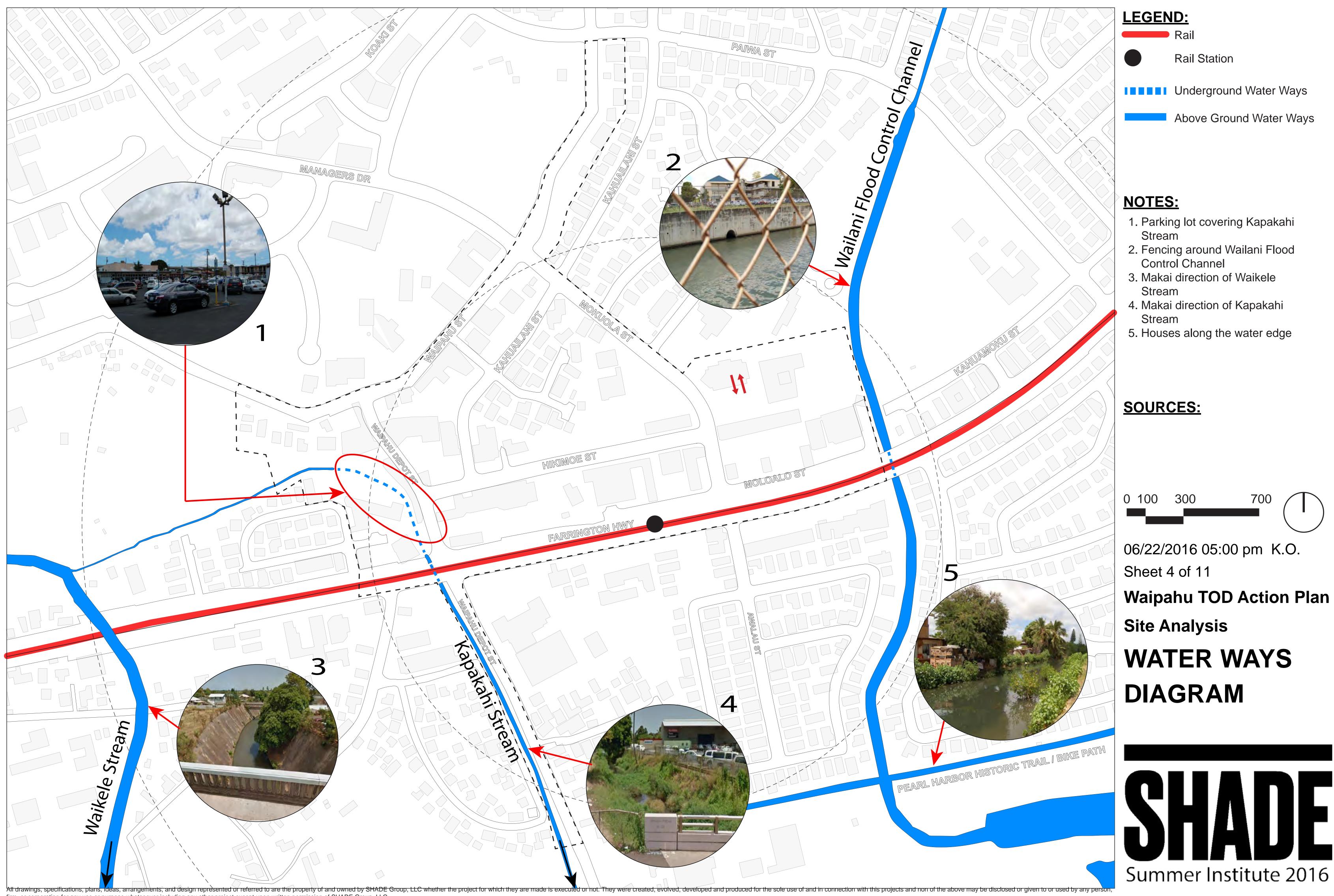
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Waipahu TOD Action Plan

Site Analysis

TOPOGRAPHY **AND SURFACE** WATER DIAGRAM





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LEGEND:

- Monkeypod Trees
- All Other Tree Species
- Palm Trees
- **Residential Trees**
- Interior Parking Trees
 - Railway
 - Station
- Pearl Harbor Historic Trail/ Bike Path
- TOD Boundary

NOTES:

Preservation of Monkeypod Trees Overgrown roots is to be addressed re-

garding W. Depot St. trees

Other trees species need to be confirmed with landscape architect

SOURCES:

SHADE Interns Site Visit (for on-street trees) and Google Earth (for residential and on-street confirmation)



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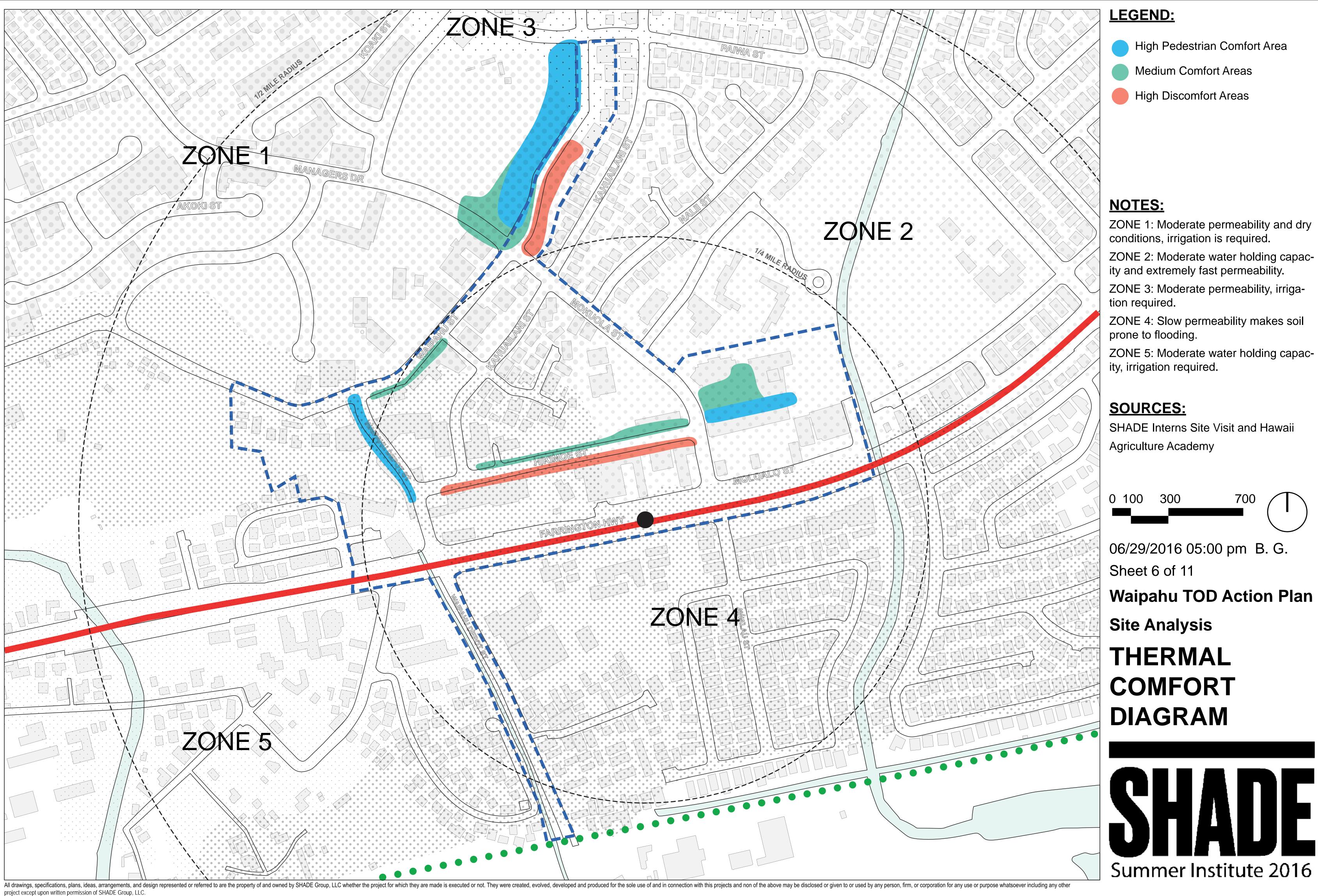
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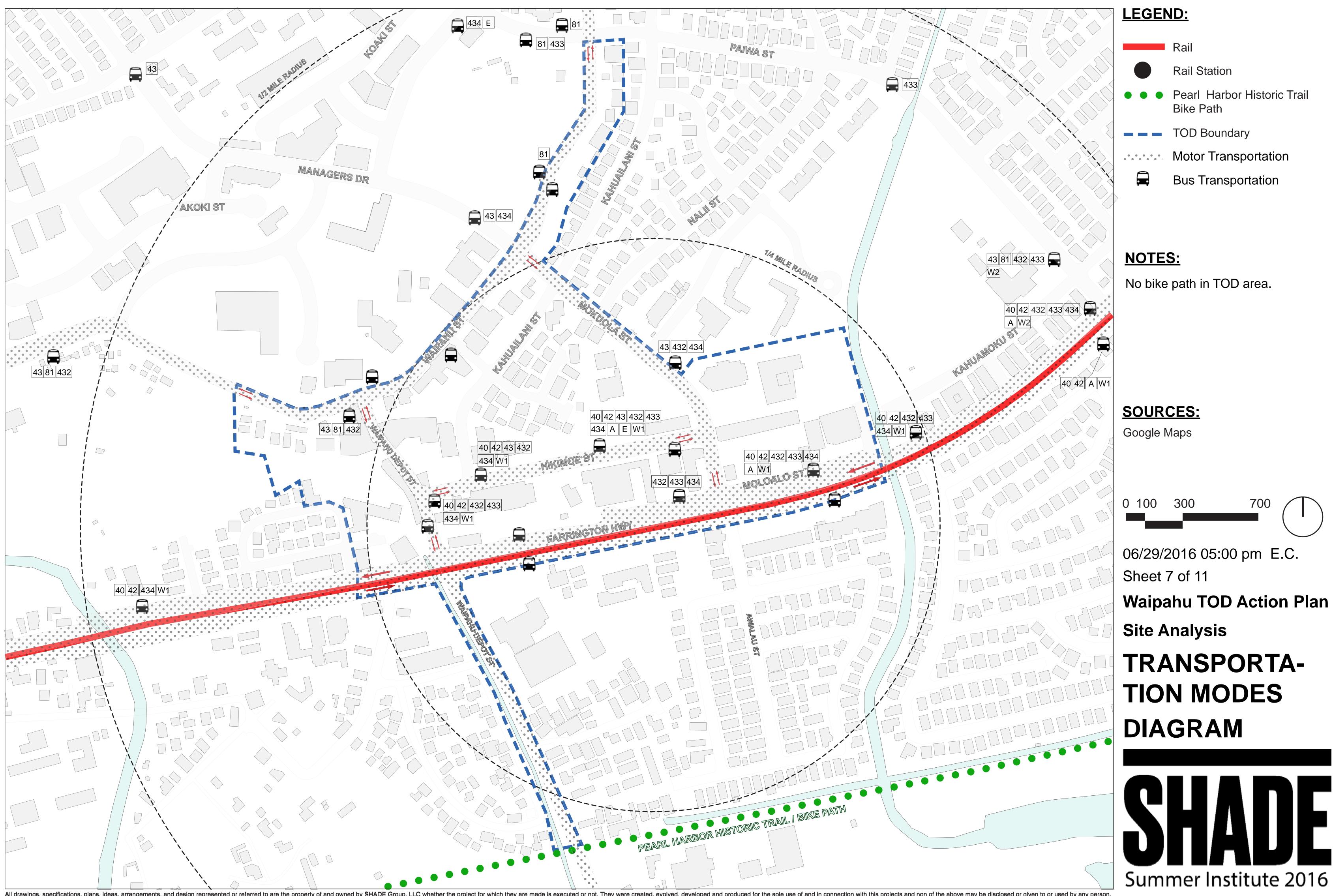
Waipahu TOD Action Plan

Site Analysis

TREE DIAGRAM

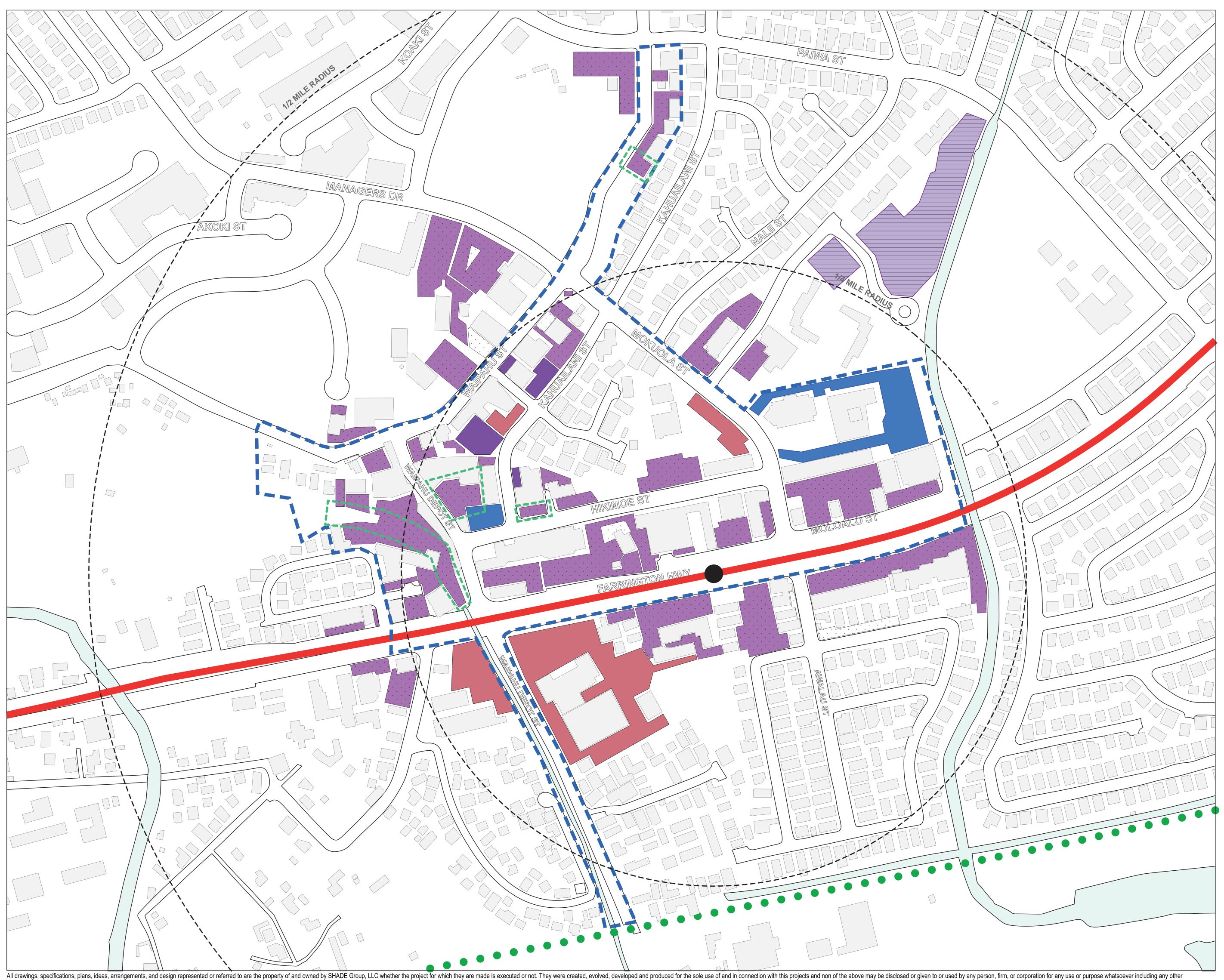






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	Rail
	Rail Station
• • •	Pearl Harbor Historic Trail Bike Path
	TOD Boundary
	Motor Transportation
	Due Trepoportation



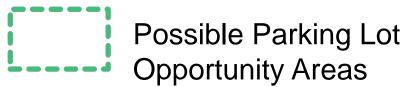
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LEGEND: PRIVATE

- Business Parking
- Low-Use Business Parking
- State-Land Parking
- Specific Use Parking

PUBLIC

Paid Parking



<u>NOTES:</u>

Parking spaces try to encompass every piece of the lot surface- Areas that are odd shaped or small alleyways try to squich parking into allowable area

Beautification of most of the parking is not implemented

SOURCES:

Site Visit Observation



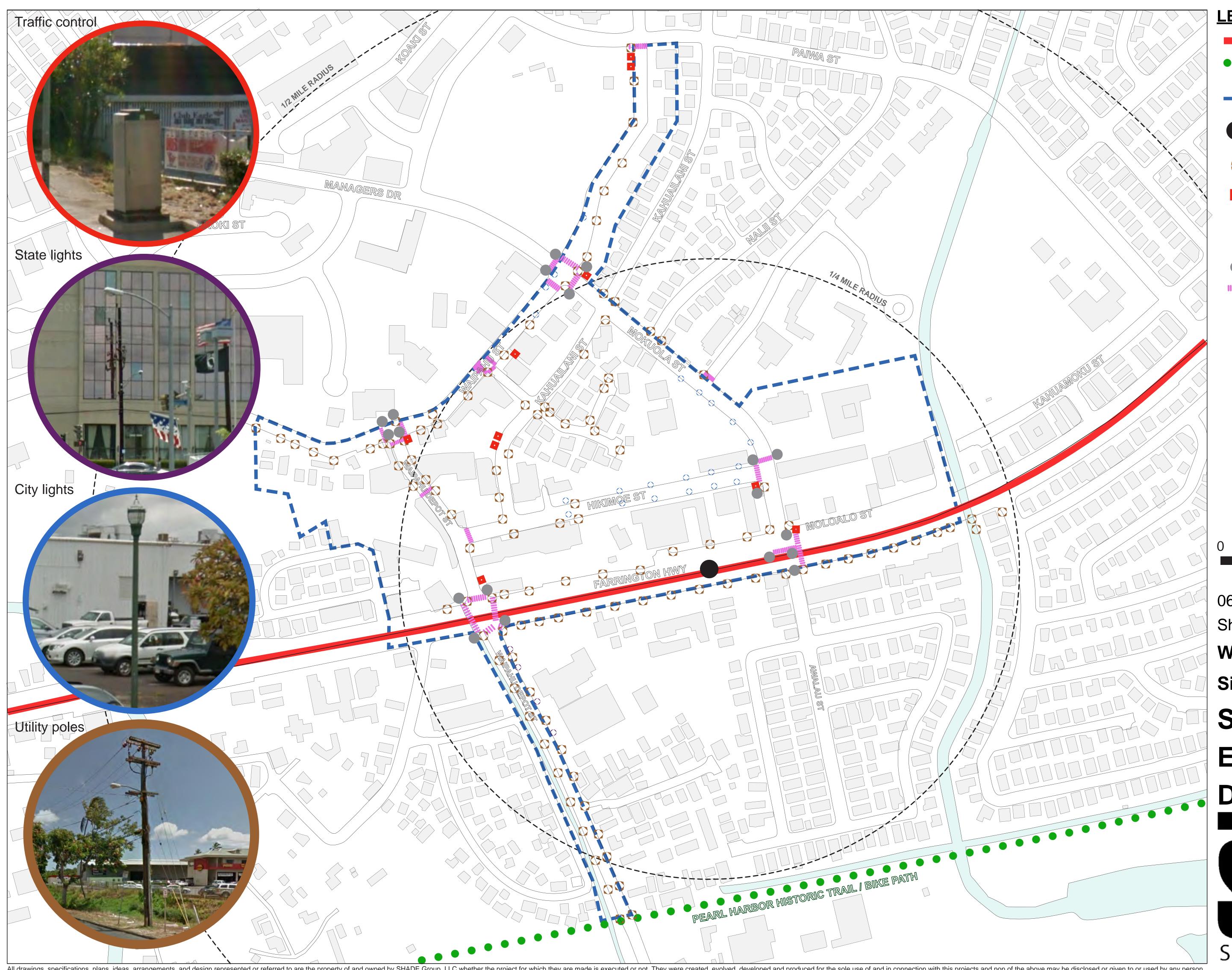
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Site Analysis

OFF-STREET PARKING DIAGRAM





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LEGEND: Rail Pearl Harbor Historic Trail Bike Path TOD Boundary **Rail Station** Utility poles \bigcirc Traffic control City light poles \bigcirc \bigcirc State light poles Traffic signals Crosswalks



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Site Analysis

STREET ELEMENT DIAGRAM



CENSUS BLOCK GROUP 008800-3 MEDIAN INCOME: \$116,416 AVERAGE AGE: 39.4

CENSUS BLOCK GROUP 008800-2 MEDIAN INCOME: \$61,875 AVERAGE AGE: 56

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CENSUS BLOCK GROUP 008702-1 MEDIAN INCOME: \$50,195 AVERAGE AGE: 42.9

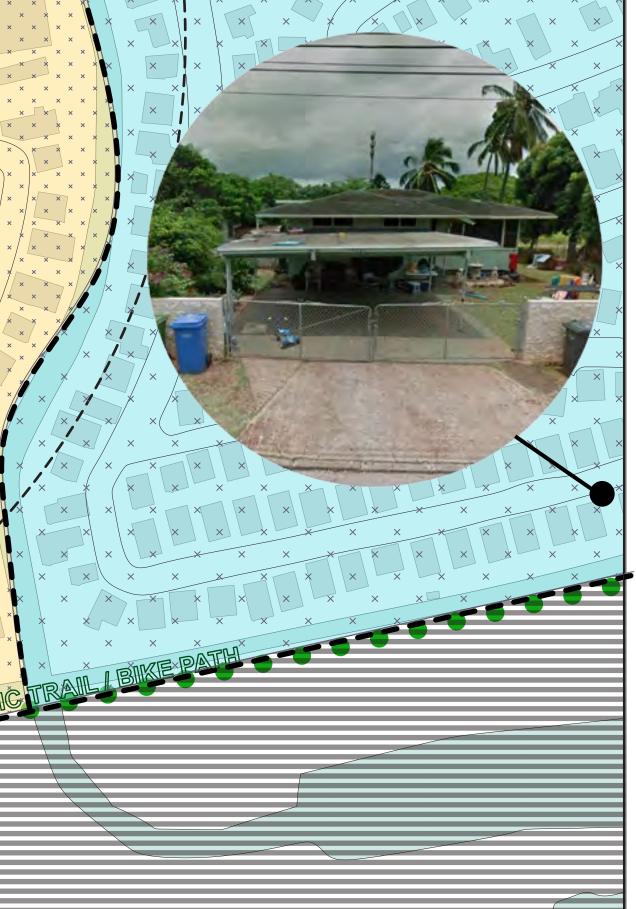
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CENSUS BLOCK GROUP 008702-2 MEDIAN INCOME\$57,632 AVRAGE AGE: 27.5



CENSUS BLOCK GROUP 008701-4 MEDIAN INCOME: \$84,031 AVERAGE AGE:42.7

> CENSUS BLOCK GROUP 008701-3 MEDIAN INCOME: \$105,132 AVERAGE AGE: 46.4



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LEGEND:

Rail

- Rail Station
 Pearl Harbor Historic Trail Bike Path
 TOD Boundary
 Zone Boundary
- Zone Excluded

Median Income

\$120,000

 Average Age

 Image Age

NOTES:

\$50,000

Data is generated from 2010-2014 Census information

SOURCES:

United States Census Bureau, USA.com

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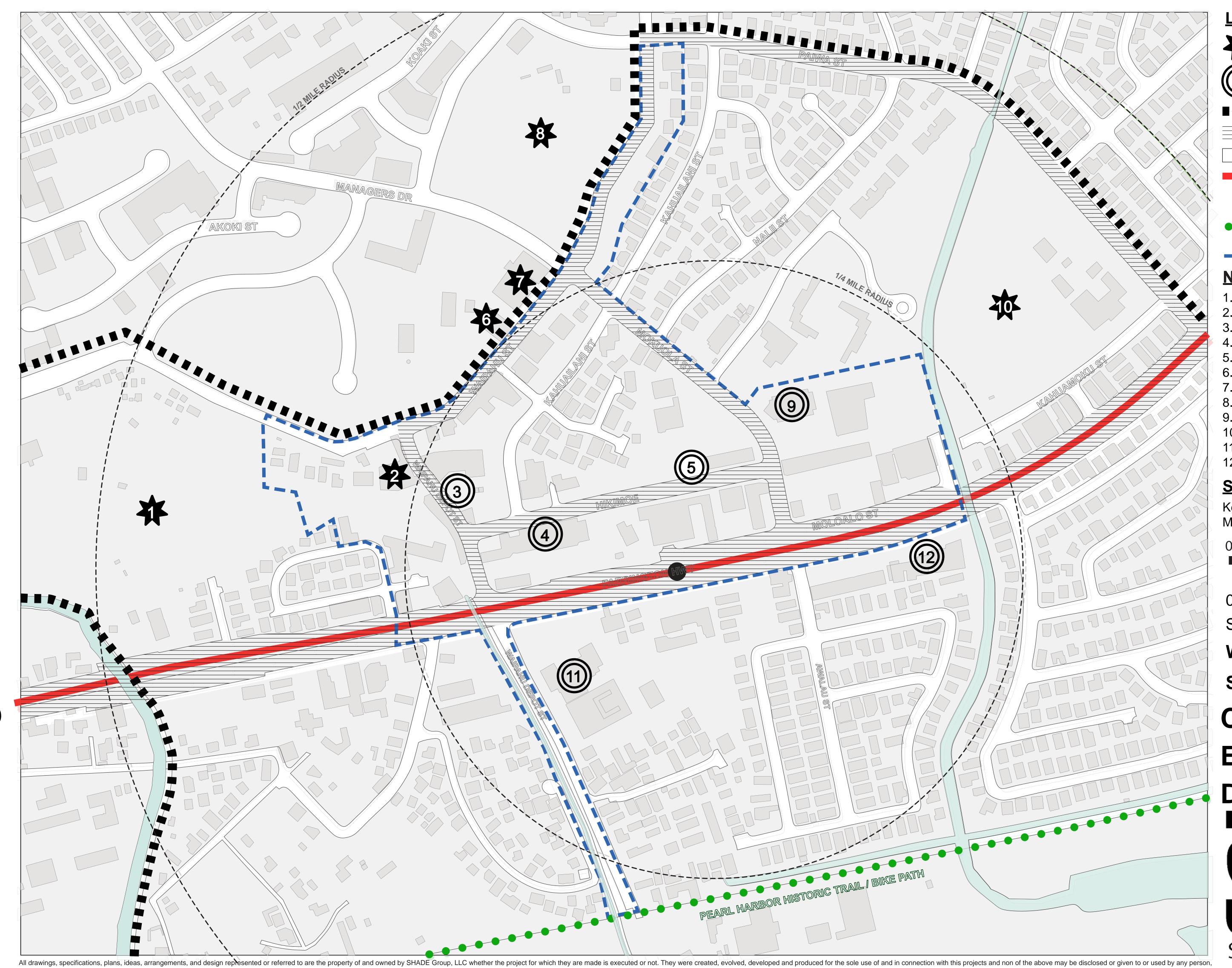
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Waipahu TOD Action Plan

Site Analysis

FIGURE GROUND DIAGRAM

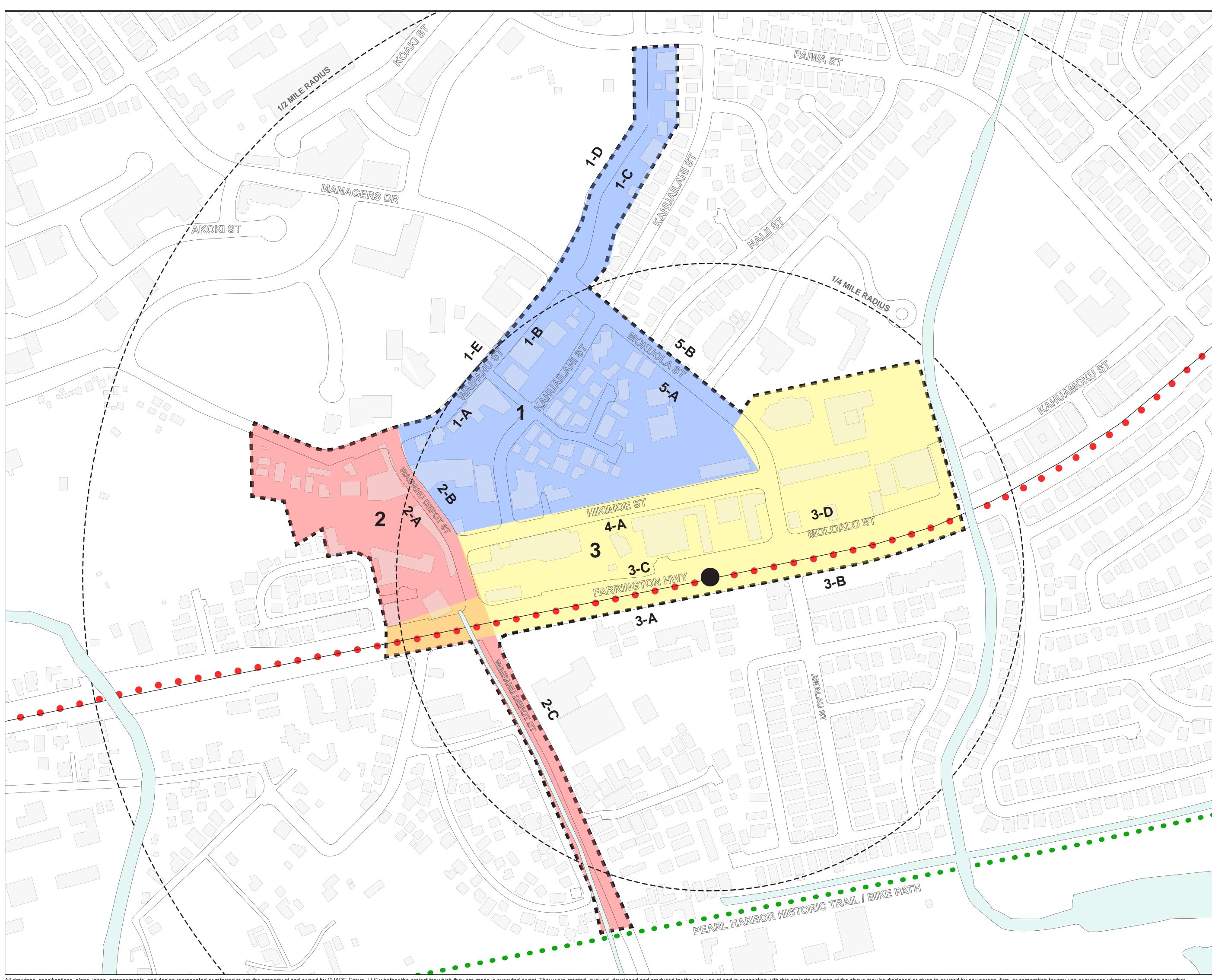




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LEGEND: Landmarks Nodes ■ ■ Edges Main Corridors Paths Rail **Rail Station** Pearl Harbor Historic Trail Bike Path NOTES: . Hawaii Plantation Village 2. Waipahu Festival Market 3. Outdoor Markets Times Supermarket Transit Station 5. 6. Christ Embassy Hawaii 7. Fillipino Community Center 8. Hans L'Orange Park 9. Waipahu Public Library 10. Waipahu District Park 11. Servco 12. Tanioka's Seafood and Catering **SOURCES:** Kevin Lynch, Image of the city, MIT press 1961 0 100 300 700 06/29/2016 5:00 pm A. C. Sheet 11 of 11 Waipahu TOD Action Plan Site Analysis **CITY IMAGE ELEMENTS** DIAGRAM

Summer Institute 2016



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LEGEND:

- 1 Keelan Okazaki Breeanna Garcia
- 2 Ann Motonaga Regina Amirova
- 3 Maria PetrovaKristen PatinoAustin Chun

NOTES:



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Waipahu TOD Action Plan

Site Analysis

FACADE DOCUMENTATION KEY MAP





1 - B





IN PROGRESS

WAIPAHU ST. MAKAI SIDE

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BUILDING DOCUMENTATION

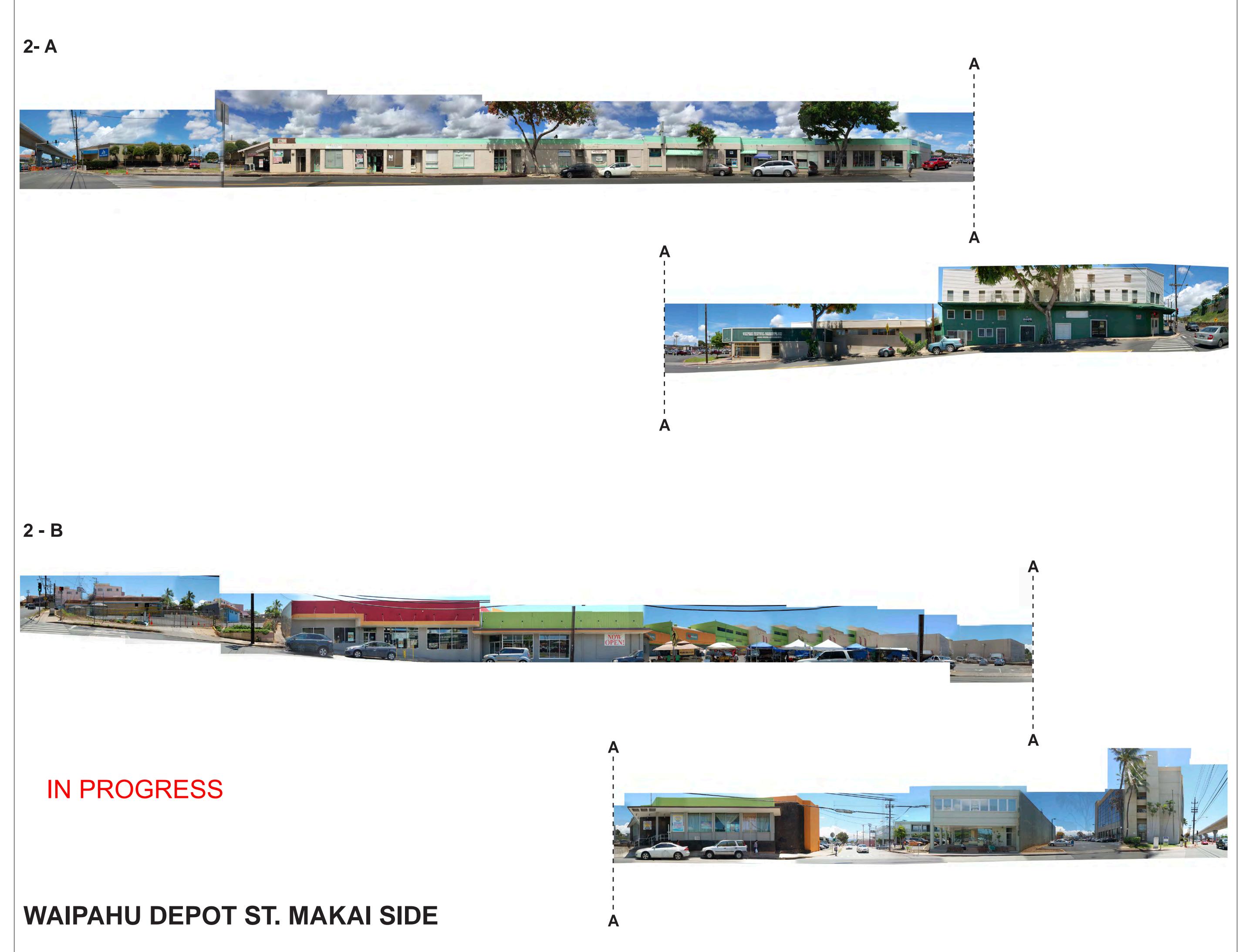
Site Analysis

Waipahu TOD Action Plan

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Site Analysis

Waipahu TOD Action Plan

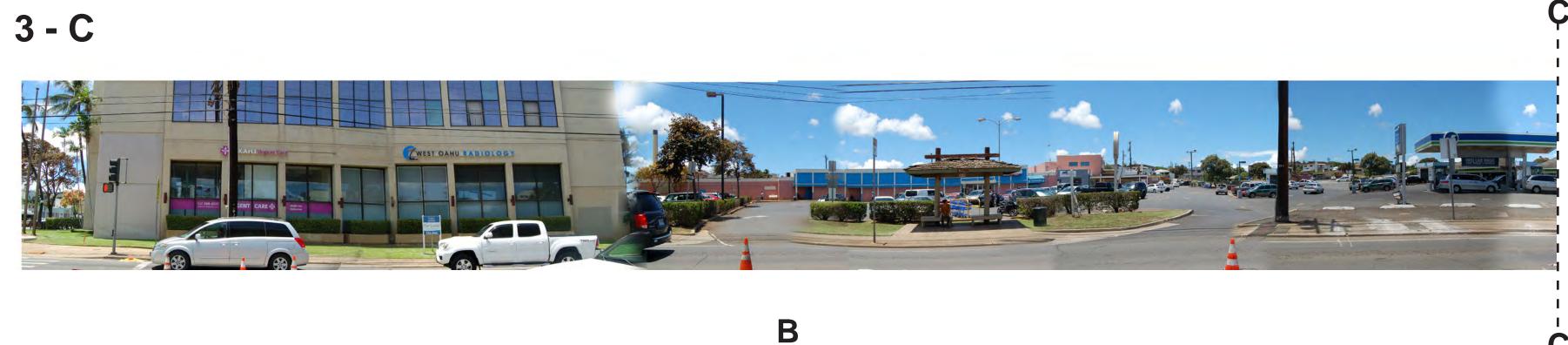
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IN PROGRESS

3 - D



B

FARRINGTON HWY

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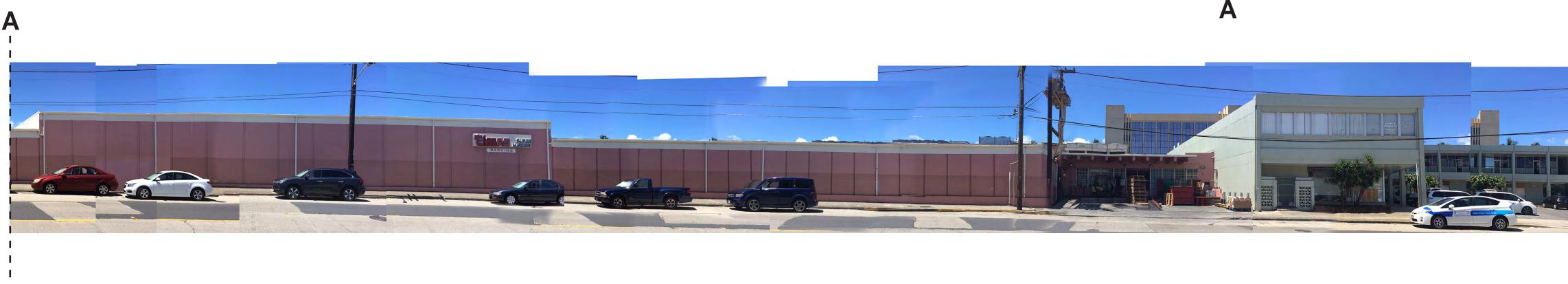
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IN PROGRESS

HIKIMOE ST. MAKAI SIDE

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Site Analysis

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1 - D



1 - E



IN PROGRESS

FARRINGTON HWY

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BUILDING DOCUMENTATION

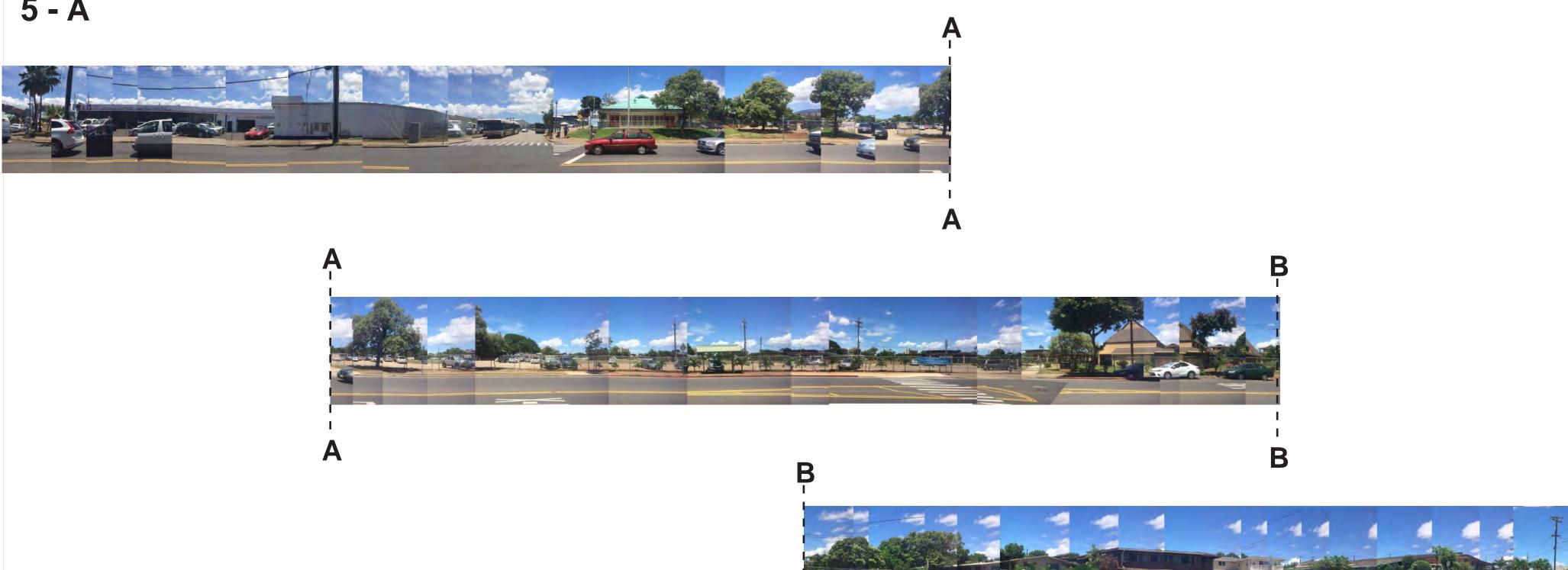
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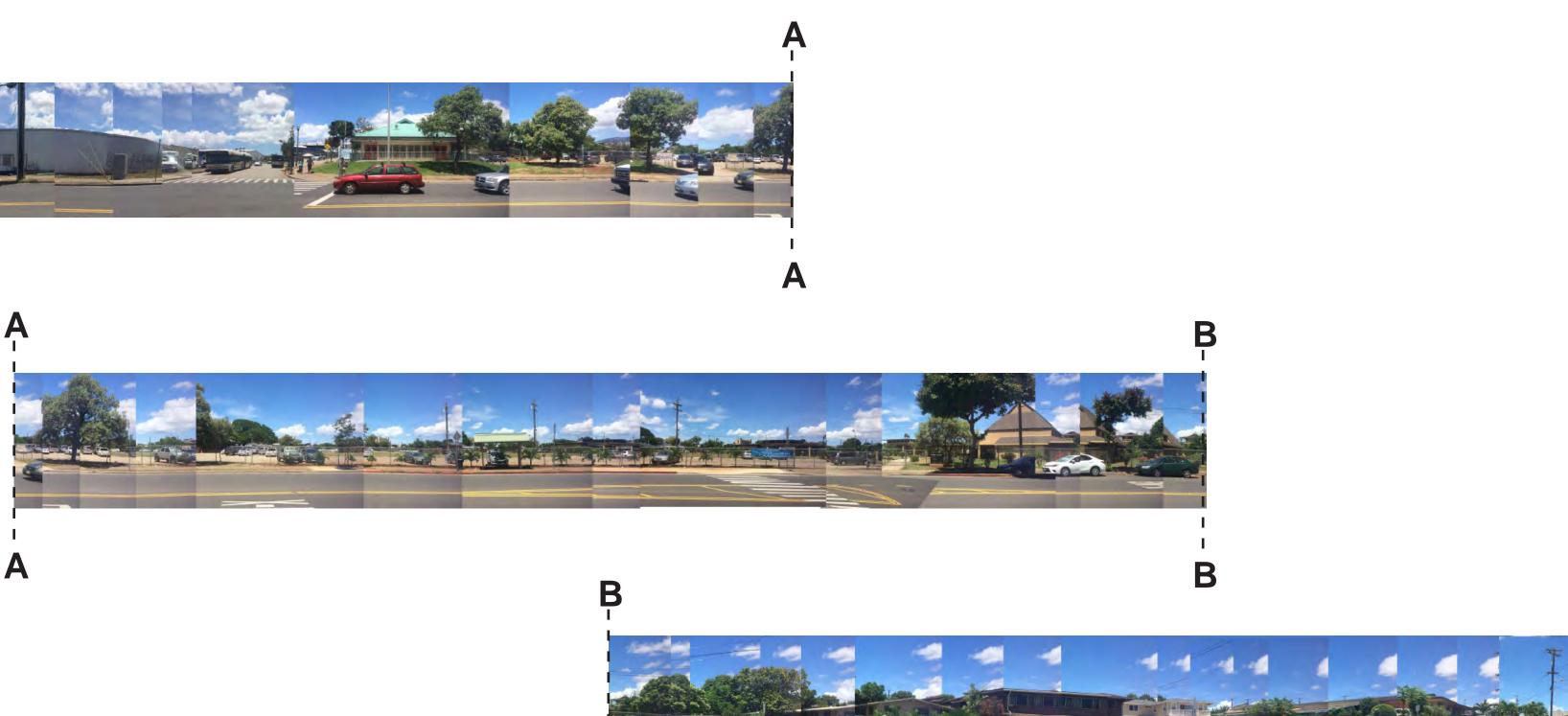
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5 - B





MOKUOLA ST. DIAMOND HEAD SIDE

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