

Figure 1: Land use designations for Kalaeloa contained in the HCDA Master Plan (2006). Subject Parcel is 2J.

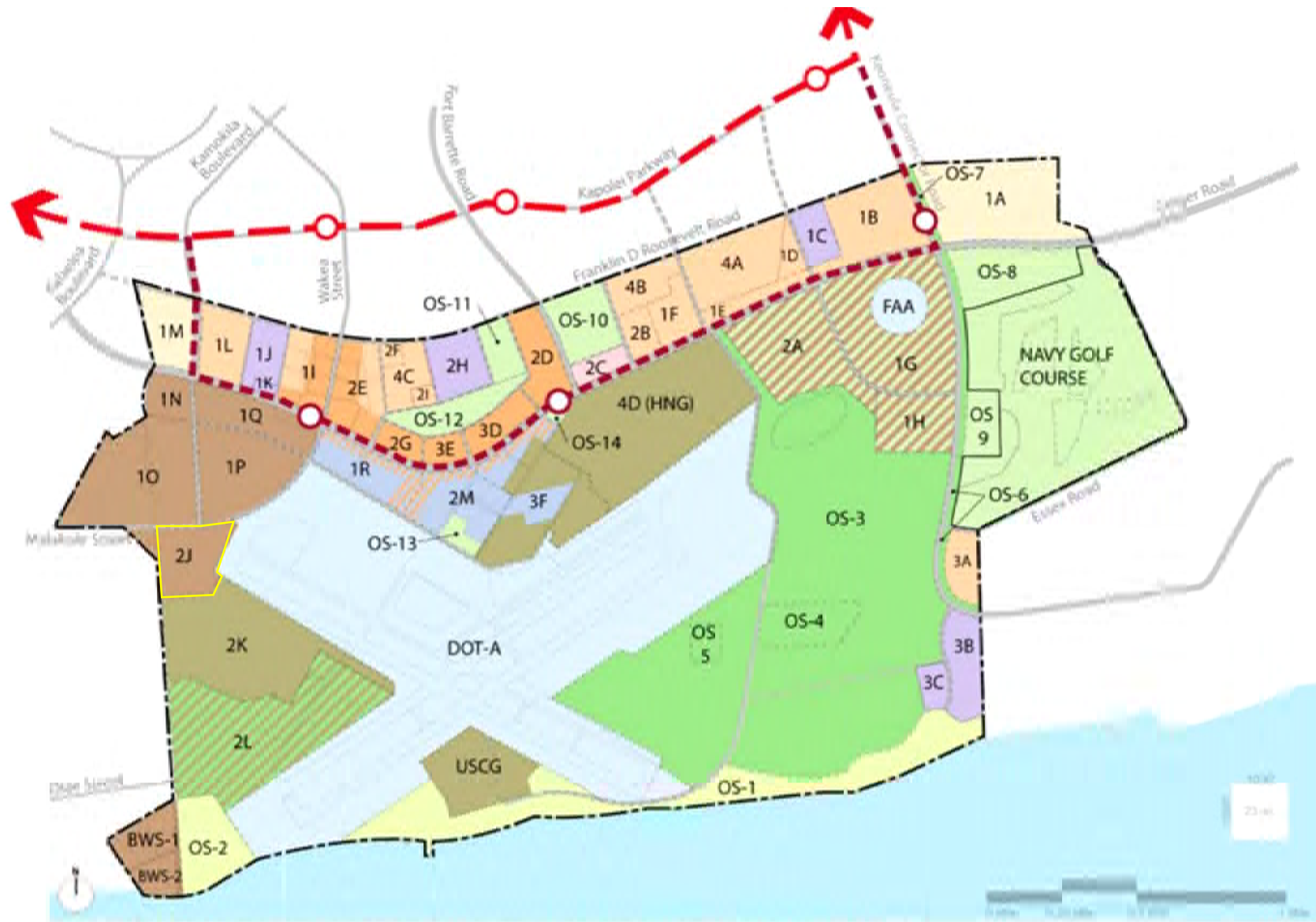


Figure 2: Transect Zones per Kalaeloa Rules (HAR 15-215). These designations supplanted those contained in the Master Plan.

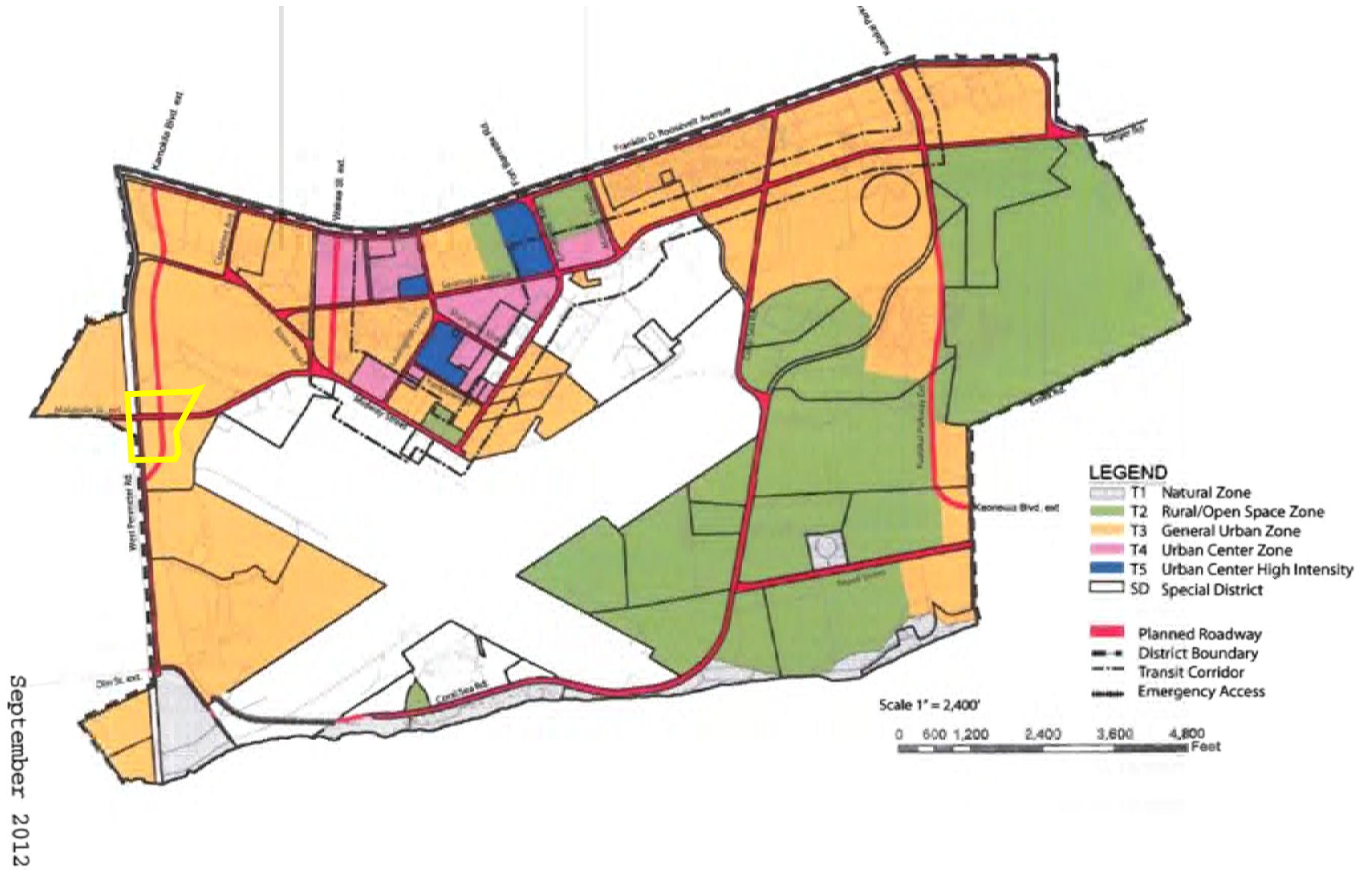


FIGURE 1.7 LAND USE

		T 1	Natural	T 2	Rural/ Open Space	T 3	General Urban	T 4	Urban Center	T 5	UC +High Intensity	SO	Special District
A	Residential												
	Single Family	-	-	-	-	P	-	P	-	-	-	-	-
	Multi-family	-	-	-	-	P	-	P	-	P	-	-	-
	Mobile Home Park	-	-	-	-	CU	-	CU	-	-	-	-	-
	Group Home	-	-	-	-	P	-	P	-	P	-	-	-
	Home Occupation	-	-	-	-	P	-	P	-	P	-	-	-
B	Lodging												
	Hotel or Motel	-	-	-	-	P	-	P	-	P	-	-	-
	Bed and Breakfast	-	-	-	-	P	-	P	-	P	-	-	-
C	Office												
	Administrative	-	-	-	-	P	-	P	-	P	-	-	CU
D	Goods and Services												
	Artisan or Craft Production	-	-	-	-	P	-	P	-	P	-	-	-
	Automobile Rental or Sales	-	-	-	-	CU	-	-	-	-	-	-	-
	Dance-Night Club	-	-	-	-	P	-	P	-	P	-	-	-
	Gas Station	-	-	-	-	P	-	-	-	-	-	-	-
	Indoor Recreation	-	-	-	-	P	-	P	-	P	-	-	-
	Kernel and Veterinary Care	-	-	-	-	P	-	P	-	P	-	-	-
	Live-Work	-	-	-	-	P	-	P	-	P	-	-	-
	Outdoor Recreation (on lots < .25 acres)	-	-	-	CU	P	-	P	-	-	-	P	-
	Outdoor Recreation (on lots > .25 acres)	-	-	-	CU	CU	-	-	-	-	-	P	-
	Personal Service	-	-	-	-	P	-	P	-	P	-	-	P
	Restaurant and Bars	-	-	-	-	P	-	P	-	P	-	-	P
	Retail Sales	-	-	-	-	P	-	P	-	P	-	-	P
E	Civic												
	Arenas and Sports Facilities	-	-	CU	-	P	-	CU	-	-	-	-	-
	Conference Centers	CU	-	P	-	P	-	P	-	P	-	-	P
	Cultural Facilities	CU	-	P	-	P	-	P	-	P	-	-	P
	Detention Facility	-	-	-	-	CU	-	-	-	-	-	CU	-
	Park and Recreation	P	-	P	-	P	-	P	-	-	-	-	P
	Public Building	CU	-	P	-	P	-	P	-	P	-	-	P
	Racway Track	-	-	-	-	CU	-	-	-	-	-	-	-
	Religious Facility	-	-	CU	-	P	-	P	-	CU	-	-	P
	Theater	-	-	-	-	P	-	P	-	P	-	-	P
F	Civic Support												
	Consulates	-	-	CU	-	P	-	P	-	P	-	-	P
	Hospital	-	-	CU	-	P	-	P	-	P	-	-	P
	Medical and Dental Clinic	-	-	-	-	P	-	P	-	P	-	-	P
G	Educational												
	Day Care Center	-	-	-	-	P	-	P	-	P	-	-	-
	Educational Facilities	-	-	-	-	P	-	P	-	P	-	-	P
	Vocational School	-	-	-	-	P	-	P	-	P	-	-	P
H	Industrial												
	E-cycling	-	-	-	-	P	-	CU	-	-	-	-	P
	Freight or Base Yards	-	-	-	-	P	-	-	-	-	-	-	P
	Laundry	-	-	-	-	P	-	P	-	-	-	-	-
	Light Industrial	-	-	P	-	P	-	P	-	P	-	-	P
	Outdoor Storage	-	-	-	-	CU	-	CU	-	-	-	-	P
	Research and Development	-	-	CU	-	P	-	P	-	P	-	-	P
	Self-storage Facility	-	-	-	-	P	-	CU	-	-	-	-	-
	Warehousing	-	-	-	-	P	-	P	-	-	-	-	P
I	Transportation												
	Airport and Aircraft Transportation	-	-	-	-	CU	-	-	-	-	-	-	P
	Limousine and Taxi Facility	-	-	-	-	CU	-	-	-	-	-	-	-
J	Sustainability												
	Agriculture	CU	-	P	-	CU	-	-	-	-	-	-	CU
	Farmer's Market	CU	-	P	-	P	-	P	-	P	-	-	-
	Recycling Collection Facility	-	-	P	-	P	-	-	-	-	-	-	CU
	Solar Farm	-	-	P	-	CU	-	-	-	-	-	-	CU
	Wind Farm	-	-	CU	-	-	-	-	-	-	-	-	CU

(-) = Not Permitted

(P) = Permitted By Right

Figure 3: Land use Standards contained in the KCDD Rules. The subject transect is T-3 (highlighted).

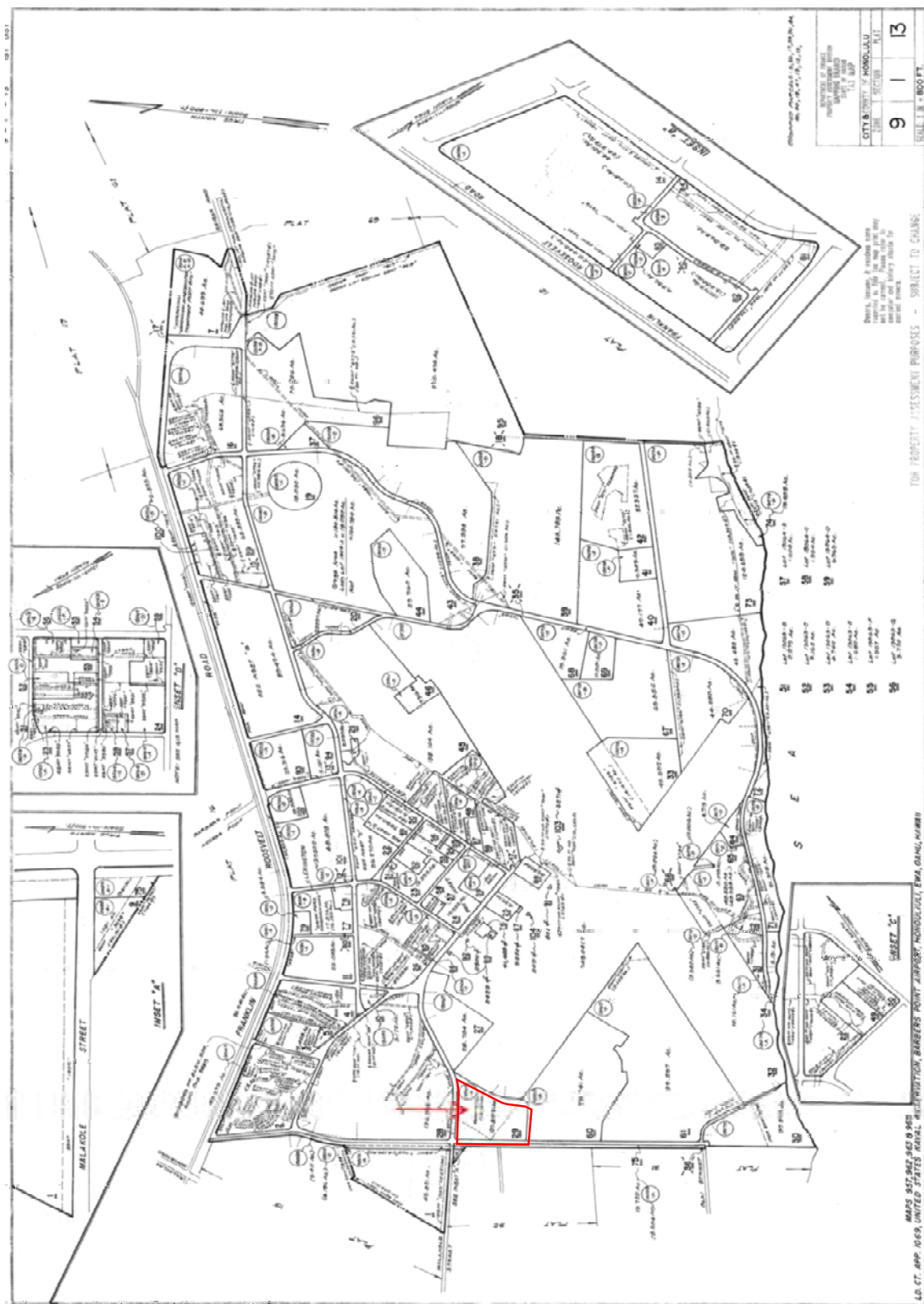


Figure 4: Tax Map Key Map of Kalaeloa showing the project site.



Figure 5: Approximate location of the subject Property at the end of Runway 29, John Rodgers Field. The site is accessed from Midway St. on the east or Saratoga St. on the west (left side).



Figure 6: An example of ground-mounted solar panels with trackers to adjust the angle to maximize sun exposure.



Figure 7: Area map showing the Phase I project site in relation to the approximate parcel boundaries.

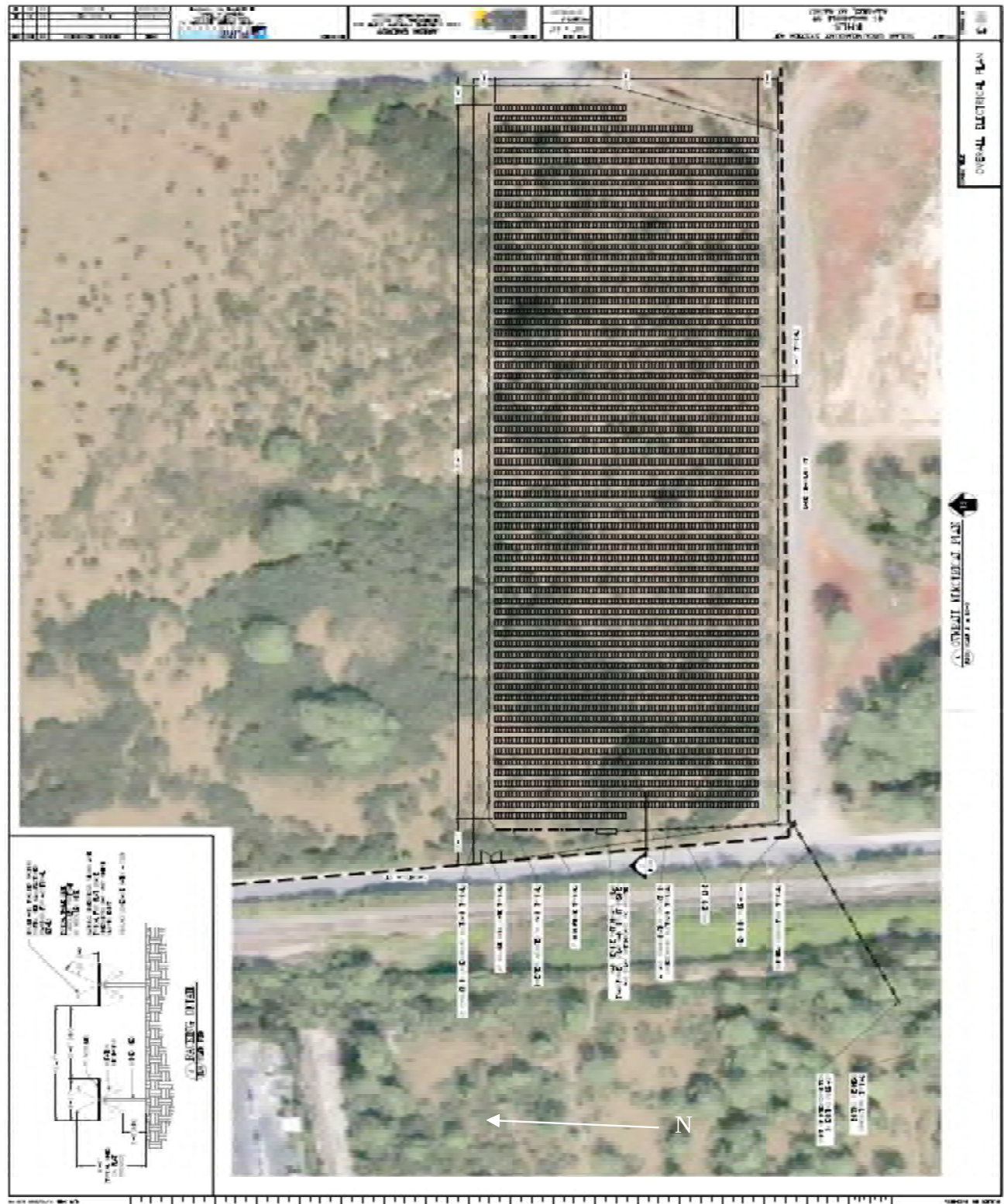


Figure 8: Detailed location of the Phase I buildout in relation to the Western Perimeter Road (bottom) and Lake Chaplain Street (right).



Figure 9: Conceptual layout for Photovoltaic panels on the parcel at full capacity. Full capacity may not be obtained for 10 year or more and is dependent on the subscription rate and authorization from Hawaiian Electric.

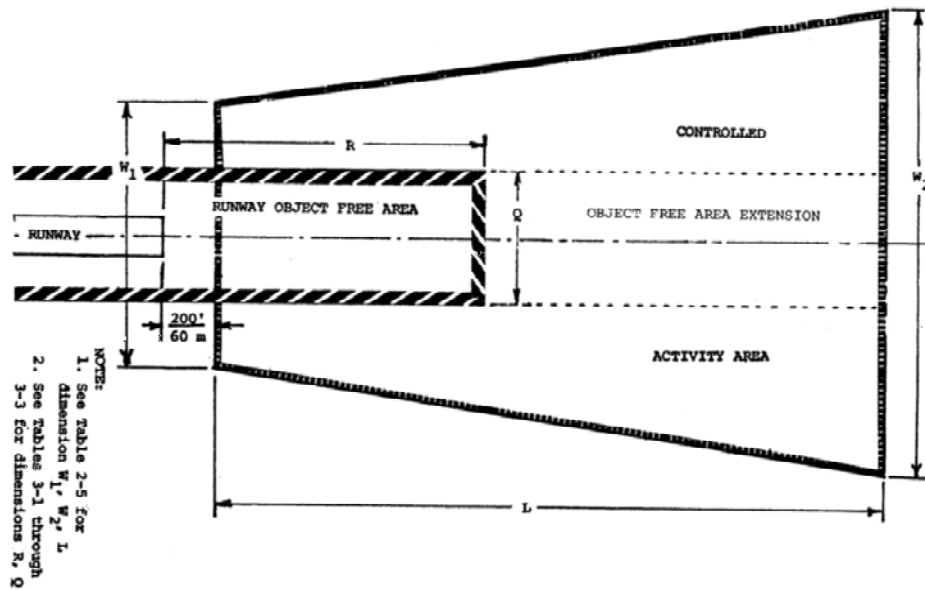


Figure 10: General component of restricted areas surrounding an airport. From Advisory Circular 150/5300-13 1989.

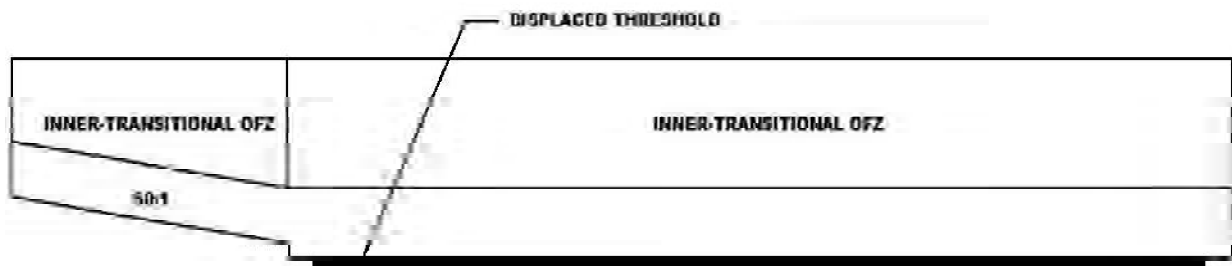


Figure 11: Diagrammatic representation of the RPZ slope. All structures must be below the RPZ plane to avoid being an obstruction to aircraft navigation. From FAA Advisory Circular 150/5300-13, 1989

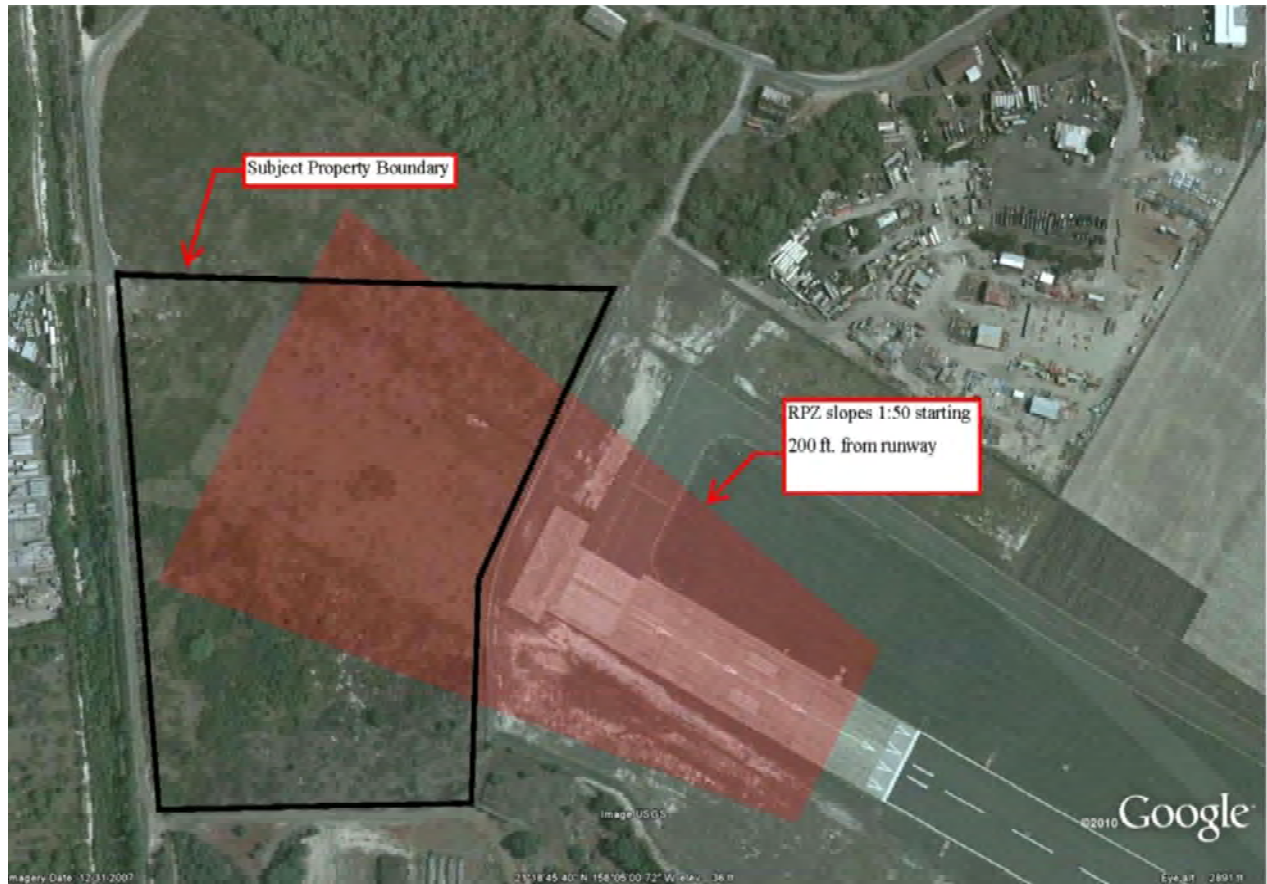


Figure 12: RPZ dimensions and slope in relation to the subject property boundaries. The RPZ starts 200 feet from the end of the runway and slopes upwards and outwards. For Kalaheo Airport the slope angle is 50:1. The RPZ begins approximately 1000 feet east of the property boundary. At 50:1 slope the lower limit of the RPS is 20 feet above the ground level of the runway. The maximum elevation of any structure within the subject property will be 10 feet.

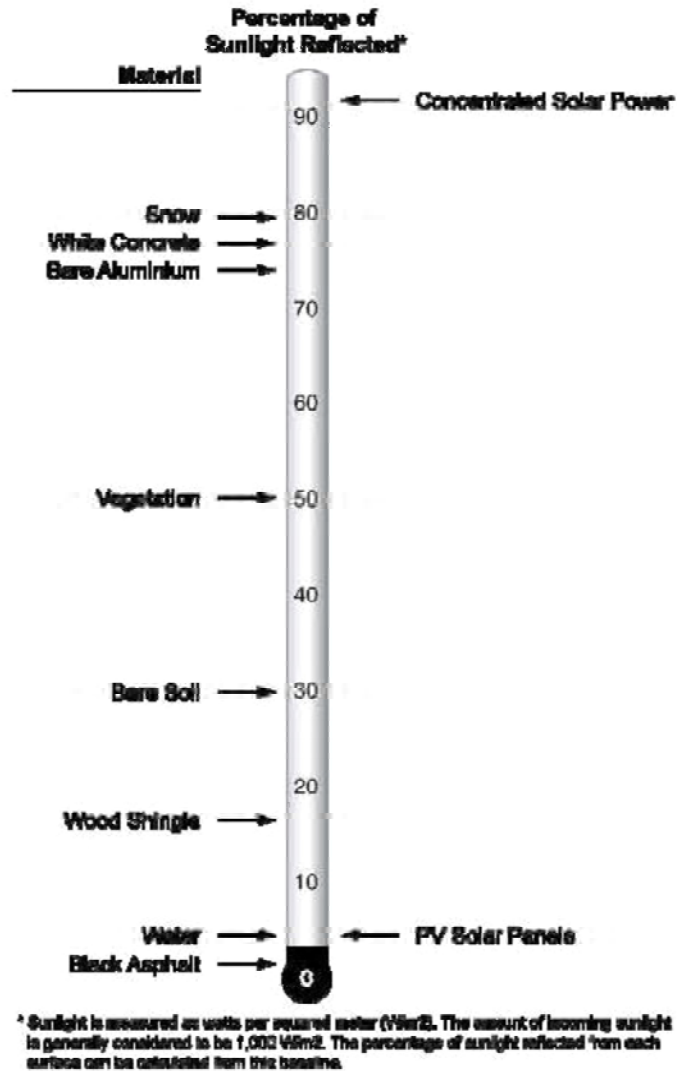


Figure 13: Relative reflectivity of various surfaces. Note that CSP technologies are toward the top of the reflective scale and PV is toward the bottom. (Technical Guidance for Evaluating Selected Solar Technologies on Airports. Federal Aviation Administration 2010b).