

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	50B-01-14	2020	44	44

15041



Existing Street Light on Pole #045-440-1260

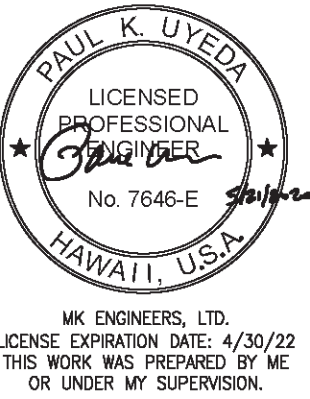
Existing Street Light on Pole #045-440-1205

ILLUMINATION CALCULATIONS

SCALE: Not To Scale

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Intersection	Illuminance	Fc	1.55	2.5	0.6	2.58	N.A.
Luminaire Schdeule							
Symbol	Qty	Lable	Arrangement		Total Lamp Lumens		Description
	3	ERL1_09C140	SINGLE		N.A.		Asymmeytric Short (Distribution Type)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ILLUMINATION
CALCULATIONS

Kaumualii Highway Intersection
Improvements at Waimea Canyon Drive
and Menehune Road/Halepule Road
Project No. 50B-01-14

Scale: As Shown Date: May 2020

SHEET No. E-11 OF 11 SHEETS