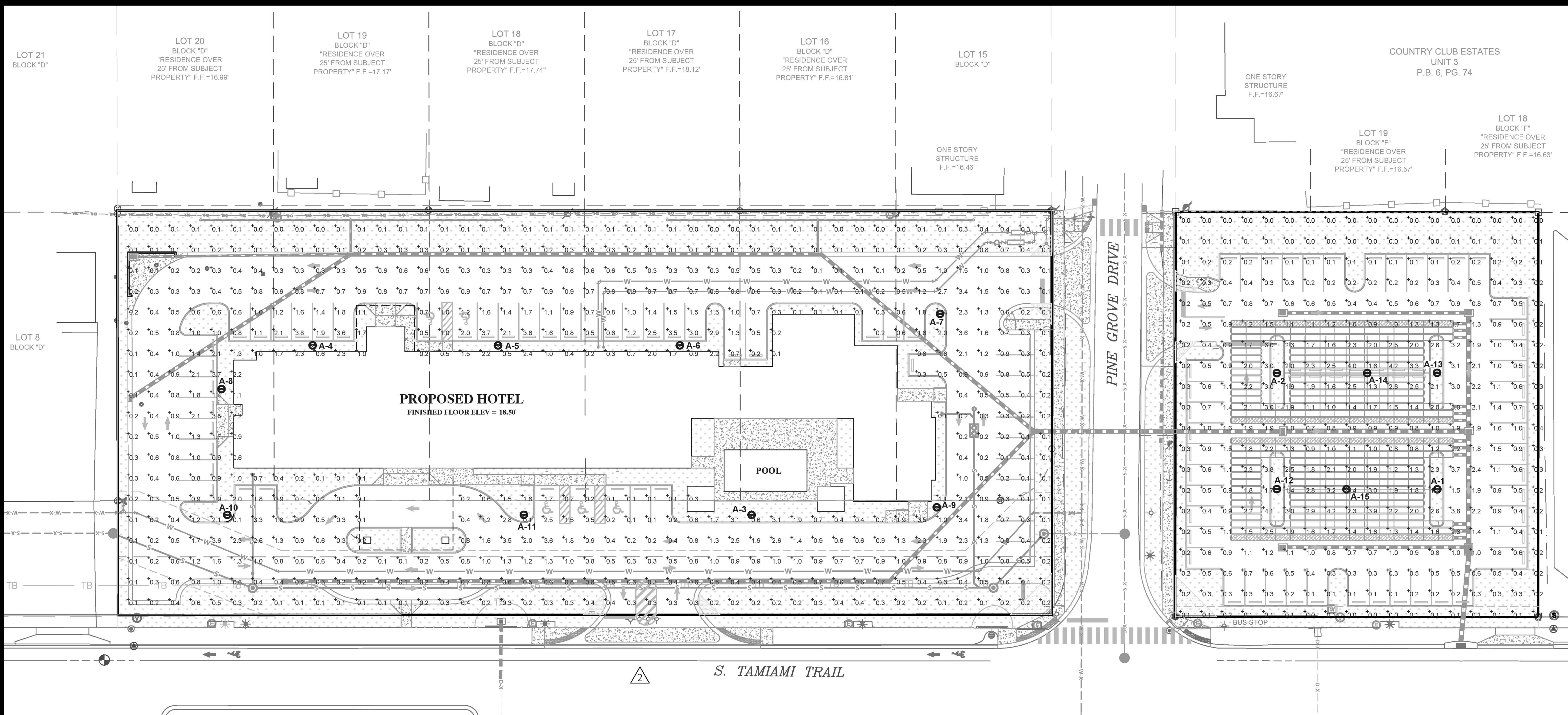




PROJECT & CLIENT INFORMATION:

VENICE SHERATON

BY FOUR POINTS

SEC. 18, TOWN. 39S, RANGE 19E
775 S.TAMIAMI TRAIL
VENICE, FL 34229

DAUS CAPITAL
5959 CONOGA AVE, SUITE 500
WOODLAND HILLS, CA34229
&
RMEC LLC
ENGINEERING | WATER RESOURCES | ENVIRONMENTAL
7381 MONARCH LN
FORT MYERS, FLORIDA 33912

CONSULTANT:

LAND CONSULT LLC

SITE DESIGN SERVICES

LANDSCAPE ARCHITECTURE | IRRIGATION & LIGHTING DESIGN
7436 SIKKA DEER WAY
FORT MYERS, FLORIDA 33966
(239) 464-3080

DESIGNED BY:

James M. McCollum, RLA
Digitally signed by James M. McCollum, RLA
DN: cn=James M. McCollum, o=James M. McCollum, ou=James M. McCollum, email=jmccollum@landconsult.com, c=US
Date: 2019.04.17 14:05:29 -04'00'
FLORIDA LICENSE #A6666882
DATE: 2019.04.17 14:05:29 -04'00'
SIGNATURE OF THE LANDSCAPE ARCHITECT OF RECORD ABOVE

OUTDOOR PHOTOMETRIC REPORT

CATALOG: AUCL2 P30 50K XX L3

TEST #: ISF 3716798
TEST LAB: SCALED PHOTOMETRY
TEST DATE: 2/2/2018
CATALOG: AUCL2 P30 50K XX L3
DESCRIPTION: UTILITY ARLINGTON FCO LED 2, P30, 5000K, TYPE 3 OPTIC
SERIES: POST TOP FULL CUTOFF LED
LAMP CATALOG: LED
LAMP: LED
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 6012.6, ABSOLUTE
PHOTOMETRY *
BALLAST / DRIVER: LED DRIVER, LED DRIVER
INPUT WATTAGE: 66
LUMINOUS OPENINGS: RECTANGLE (L: 10.56", W: 10.56")
MAX CD: 4,534.2 AT HORIZONTAL: 47.5°, VERTICAL: 72.5°
ROADWAY CLASS: MEDIUM, TYPE IV

OUTDOOR PHOTOMETRIC REPORT

CATALOG: AUCL2 P30 50K XX L3

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% TOTAL
0-30	356.1	5.9%
0-40	1,026.6	17.1%
0-60	3,305.9	55%
60-90	2,706.8	45%
90-120	1,307.7	21.7%
120-150	0.0	0%
150-180	0.0	0%
0-90	6,012.6	100%
90-180	0.0	0%
0-180	6,012.6	100%

ROADWAY SUMMARY

DISTRIBUTION: TYPE IV, MEDIUM
MAX CD, 90 DEG VERT: 0.000
MAX CD, 80 TO <90 DEG: 2,053.9
DOWNWARD STREET SIDE: LUMENS 4,187.6, % LAMP 69.6%
DOWNWARD HOUSE SIDE: 1,824.3, 30.3%
DOWNWARD TOTAL: 6,011.9, 100%
UPWARD STREET SIDE: 0.000, 0%
UPWARD HOUSE SIDE: 0.000, 0%
UPWARD TOTAL: 0.000, 0%
TOTAL LUMENS: 6,011.9, 100%

OUTDOOR PHOTOMETRIC REPORT

CATALOG: AUCL2 P30 50K XX L3

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	3.8	0.1%
10-20	65.4	1.1%
20-30	286.9	4.8%
30-40	670.5	11.2%
40-50	1,060.2	17.6%
50-60	1,219.1	20.3%
60-70	1,399.1	23.3%
70-80	1,142.5	19.0%
80-90	165.2	2.7%

LCS TABLE

BUG RATING B2 - U0 - G2
FORWARD LIGHT LUMENS %
LOW(0-30): 202.3, 3.4%
MEDIUM(30-60): 1,856.3, 30.9%
HIGH(60-90): 2,006.9, 33.4%
VERY HIGH(90-90): 122.0, 2%
BACK LIGHT
LOW(0-30): 153.2, 2.5%
MEDIUM(30-60): 1,093.2, 18.2%
HIGH(60-90): 535.5, 8.9%
VERY HIGH(90-90): 42.4, 0.7%
UPLIGHT
LOW(90-100): 0.000, 0%
HIGH(100-180): 0.000, 0%
TRAPPED LIGHT: 0.7, 0%

86-122(L)(14) LIGHTING.

1. LIGHTING IS AN ESSENTIAL COMPONENT OF AN OVERALL ARCHITECTURAL CONCEPT AND HELPS BOTH REINFORCE A COMMUNITY'S CHARACTER AND DESIGN AND PROMOTE ITS SENSE OF SAFETY AND WALKABILITY. DEVELOPMENT PROJECTS ARE ENCOURAGED TO USE LIGHTING FIXTURES THAT ARE CONSISTENT WITH THE NORTHERN ITALIAN RENAISSANCE STYLE OF ARCHITECTURE AND THE PROJECT'S OVERALL DESIGN CONCEPT. ADDITIONALLY THE LIGHTING SHOULD BE SCREENED OR HOUSED SO THAT THE LIGHT SOURCE MAY NOT BE VISIBLE FROM THE STREET OR ADJOINING PROPERTY.

2. NO PARKING LOT LAMPOST LIGHTING SHALL BE GREATER THAN 15 FEET IN HEIGHT.

LUMINAIRE SCHEDULE

SYM	QTY	LUMINAIRE	DESCRIPTION	LAMP	LUMENS	WATTS
1-A	15	HOLOPHANE AUCL2 P30 50K XX L3	UTILITY ARLINGTON FULL CUT OFF LED 2, P30, 5000K, TYPE 3 OPTIC	LED	6,012	66

LUMINAIRE LOCATIONS

LABEL	X	Y	MH	ORIENTATION	TILT
A1	5508.17	5352.90	15.00	90.0	0.00
A2	5428.79	5409.02	15.00	270.0	0.00
A3	5176.56	5343.17	15.00	180.0	0.00
A4	4964.89	5422.86	15.00	360.0	0.00
A5	5054.51	5422.52	15.00	360.0	0.00
A6	5141.96	5422.40	15.00	360.0	0.00
A7	5268.22	5437.45	15.00	90.0	0.00
A8	4920.99	5401.17	15.00	270.0	0.00
A9	5265.83	5344.20	15.00	180.0	0.00
A10	4924.58	5339.93	15.00	180.0	0.00
A11	5066.78	5338.96	15.00	180.0	0.00
A12	5428.80	5353.01	15.00	270.0	0.00
A13	5508.04	5409.05	15.00	90.0	0.00
A14	5473.21	5408.85	15.00	360.0	0.00
A15	5463.23	5352.72	15.00	180.0	0.00

PHOTOMETRIC STATISTICS

CALC. ZONE	SYMBOL	AVG	MAX	MIN
MAIN PARKING LOT	+	0.7 fc	3.8 fc	0.0 fc
OFFSITE PARKING LOT	+	1.0 fc	4.2 fc	0.0 fc

SHEET TITLE:

PERMIT PHOTOMETRIC MASTER PLAN

DRAWING NOTE:

PERMIT PLAN SET
NOT FOR CONSTRUCTION WITHOUT APPROVED PERMIT

DRAWING SCALE:

DRAWN BY: JMM

CHECKED BY: JMM

PROJECT / FILE NUMBER:

RMEC 2016-007 / LC-18-07

DATE OF DRAWING:

MARCH 8, 2018

DRAWING REVISIONS:

#	DESCRIPTION	DATE
1	PER CITY COMMENTS	06/12/18
2	PER CITY COMMENTS	11/1/18
3	PER CITY COMMENTS	04/17/19

SHEET NUMBER:

PH-1.00