



PARTIAL SOUTH  
SITE PLAN PHOTOMETRICS  
SCALE: 1" = 30'-0"

THE OAKS AT PALM AIRE LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP COLOR	LUMENS	LAMP TYPE	DIM TYPE	WATTS	MOUNTING	NOTES
D	4" EXTERIOR DOWNLIGHT	PORTFOLIO	LD4C2SD010 BL4C2S409030 4LBM01MW	UNV	3000K	2072	LED	0-10V	31.5W	RECESSED	
SA	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SABD-740-U-5WQ-BK / MA1036-XX	UNV	4000K	48012	LED	0-10V	368W	POLE	NOTE 1
SB	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SABD-740-U-74W-BK / MA1036-XX	UNV	4000K	45907	LED	0-10V	368W	POLE	NOTE 1
SC	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SABD-740-U-T4FT-BK / MA1036-XX	UNV	4000K	45772	LED	0-10V	368W	POLE	NOTE 1
SD	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SABD-740-U-SL2-BK / MA1036-XX	UNV	4000K	45790	LED	0-10V	368W	POLE	NOTE 1
SE	DECORATIVE SITE LUMINAIRE	INAJE	MSA-S4AC-740-U-5WQ-BK	UNV	4000K	25812	LED	N/A	225W	POLE	NOTE 2
SF	DECORATIVE SITE LUMINAIRE	INAJE	MSA-S4AC-740-U-SL2-BK	UNV	4000K	23903	LED	N/A	225W	POLE	NOTE 2
W	WALL PACK	SPITZER LIGHTING	WPPF-37LC-U-C0(4000K)-TG-C0-FINISH	UNV	4000K	3779	LED	0-10V	28.5	WALL	NOTE 3
FIXTURE SCHEDULE NOTES											
NOTE 1: FIXTURE MOUNTED ON 20' VALMONT ALUMINUM POLE # 1908-3050STE											
NOTE 2: FIXTURE MOUNTED ON 14' VALMONT ALUMINUM POLE # 1308-3050STE + 2FT FIXTURE HEAD TO ACHIEVE 16FT MOUNTING HEIGHT											
NOTE 3: ADVISE FINISH											
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT QUOTATIONS@LIGHTINGDYNAMICS.COM, (954) 944-0286											

Photometrics Calculation Software Generated Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
1	1	D(12)	GROUP	N.A.	26936	0.900	N.A.	409.5
9	9	SA	Single	48011	48011	0.900	368	368
7	7	SB	Single	45907	45907	0.900	368	368
2	2	SC	Single	45772	45772	0.900	368	368
1	1	SD	Single	45790	45790	0.900	368	368
6	6	SE	Single	25812	25812	0.900	225	225
2	2	SF	Single	23903	23903	0.900	225	225
14	14	W	Single	3779	3779	0.900	28.5	28.5

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
CLUBHOUSE & MAINTENANCE PARKING	Illuminance	Fc	3.90	12.2	0.7	5.57
CLUBHOUSE ACCESS ROAD	Illuminance	Fc	3.97	15.1	0.7	5.67
CLUBHOUSE PARKING	Illuminance	Fc	3.10	11.0	0.7	4.43
PROPERTY LINE	Illuminance	Fc	0.03	0.6	0.0	N.A.
RESIDENTIAL PARKING & ENTRIES	Illuminance	Fc	3.16	12.6	0.7	4.51
LAKE AREA	Illuminance	Fc	10.66	15.1	3.5	3.05

REVISIONS

DRC RE-SUBMITTAL  
10/16/2024  
DRC RE-SUBMITTAL  
12/10/2024

OAKS @ PALM AIRE

FOR:  
MORGUARD  
LOCATED AT:  
POMPANO BEACH, FLORIDA

THE PLANS ARE BASED  
ON ARCHITECTURE BY:  
MSA ARCHITECTS, INC

FRANYE  
ENGINEERS  
INC.

Certificate of  
Authorization # PE # 49985 MECH  
00002906  
ALEJANDRO FRANYE  
PE # 73089 MECH  
10610 NW 27 Street, Miami FL 33172  
T: (305)592-1360 F: (305)594-9279  
www.franyengineers.com

ENGINEER'S BUILDING CODE STATEMENT/ TO THE BEST OF THE ENGINEER'S KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY AND CHAPTER 633 FLORIDA STATUTES.

NO. 49985

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

The Seal of the State of Florida, signed and sealed  
by VIVIANA FRANYE, PE, on the date  
August 28, 2025.

JOB NO. 2181.PRJ

SHEET TITLE:  
SITE PLAN  
PHOTOMETRICS  
PARTIAL SOUTH

SHEET NUMBER:  
E-2PH

THESE PLANS ARE FOR BUILDING DEPARTMENT REVIEW. THEY ARE NOT FOR CONSTRUCTION. ANY CHANGES TO THE PLANS MUST BE APPROVED BY THE ARCHITECT AND THE ENGINEER. THE ENGINEER'S RESPONSIBILITY IS TO PROVIDE A PROFESSIONAL OPINION ON THE TECHNICAL ASPECTS OF THE PLANS. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED OR THE COMPLETION OF THE PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. THE ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE DESIGN OR CONSTRUCTION OF THE PROJECT. THE ENGINEER'S SERVICES ARE PROVIDED ON AN "AS IS" BASIS. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED OR THE COMPLETION OF THE PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. THE ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE DESIGN OR CONSTRUCTION OF THE PROJECT. THE ENGINEER'S SERVICES ARE PROVIDED ON AN "AS IS" BASIS.

AAC

PZ23-12000017

03/05/2025

DRC Resubmittal #4 12/10/24