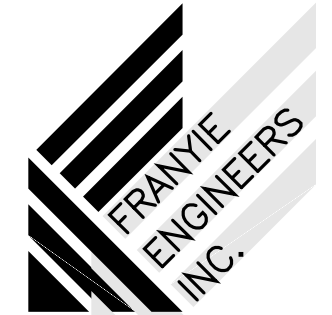
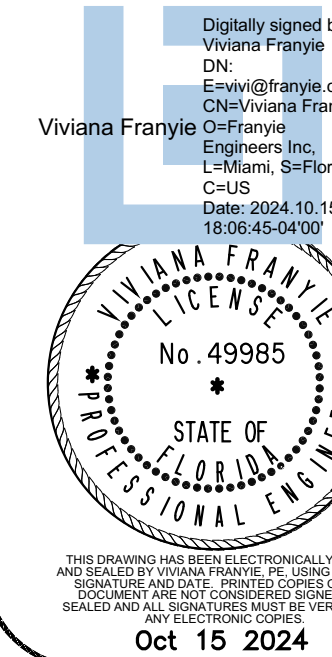


OAKS @ PALM AIRE
FOR:
MORGUARD
LOCATED AT:
POMPANO BEACH, FLORIDA

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



Certificate of
Authorization # PE # 49985 MECH
ALEJANDRO FRANYE
PE # 73089 MECH
10610 NW 27 Street, Miami FL 33172
T: (305) 592-1360 F: (305) 594-9279
www.franyeeengineers.com
JOB NUMBER 23-123
DATE 03/24/2023



JOB NO. 2181,PRJ
SHEET TITLE:
SITE PLAN
PHOTOMETRICS
PARTIAL SOUTH
SHEET NUMBER:
E-2PH



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	LD4C25D010 U4C2540030 4LBM1MV	UNV	3000K	2072	LED	0-10V	31.5W	RECESSED	
SA	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SA6D-740-U-SWQ-BK / MA1036-XX	UNV	4000K	48012	LED	0-10V	368W	POLE	NOTE 1
SB	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SA6D-740-U-T4W-BK / MA1036-XX	UNV	4000K	45907	LED	0-10V	368W	POLE	NOTE 1
SC	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SA6D-740-U-T4FT-BK / MA1036-XX	UNV	4000K	45772	LED	0-10V	368W	POLE	NOTE 1
SD	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SA6D-740-U-SL2-BK / MA1036-XX	UNV	4000K	45790	LED	0-10V	368W	POLE	NOTE 1
SE	DECORATIVE SITE LUMINAIRE	INVAJE	MSA-SA4C-740-U-SWQ-BK	UNV	4000K	25812	LED	N/A	225W	POLE	NOTE 2
SF	DECORATIVE SITE LUMINAIRE	INVAJE	MSA-SA4C-740-U-SL2-BK	UNV	4000K	23903	LED	N/A	225W	POLE	NOTE 2
W	WALL PACK	SPITZER LIGHTING	WVFP-37LC-U-CG4000K-TG-CO-FINISH	UNV	4000K	3779	LED	0-10V	28.5	WALL	NOTE 3
FIXTURE SCHEDULE NOTES											
NOTE 1: FIXTURE MOUNTED ON 20' VALMONT ALUMINUM POLE # 1908-30505TE											
NOTE 2: FIXTURE MOUNTED ON 14' VALMONT ALUMINUM POLE # 1308-30504TE + 2FT FIXTURE HEAD TO ACHIEVE 16FT MOUNTING HEIGHT											
NOTE 3: ADVISE FINISH											
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT QUOTATIONS@LIGHTINGDYNAMICS.COM, (854) 944-0286											

Photometrics Calculation Software Generated Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
⋮⋮⋮	1	D(12)	GROUP	N.A.	26936	0.900	N.A.	409.5
SA	9	SA	Single	48011	48011	0.900	368	368
SB	7	SB	Single	45907	45907	0.900	368	368
SC	2	SC	Single	45772	45772	0.900	368	368
SD	1	SD	Single	45790	45790	0.900	368	368
SE	6	SE	Single	25812	25812	0.900	225	225
SF	2	SF	Single	23903	23903	0.900	225	225
W	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	4.16	16.4	0.8	5.20
CLUBHOUSE PARKING	Illuminance	Fc	3.04	11.0	0.7	4.34
PROPERTY LINE	Illuminance	Fc	0.03	0.6	0.0	N.A.
RESIDENTIAL PARKING & ENTRIES	Illuminance	Fc	3.16	12.4	0.7	4.51
CANOPY AREA	Illuminance	Fc	11.66	16.4	3.7	3.15