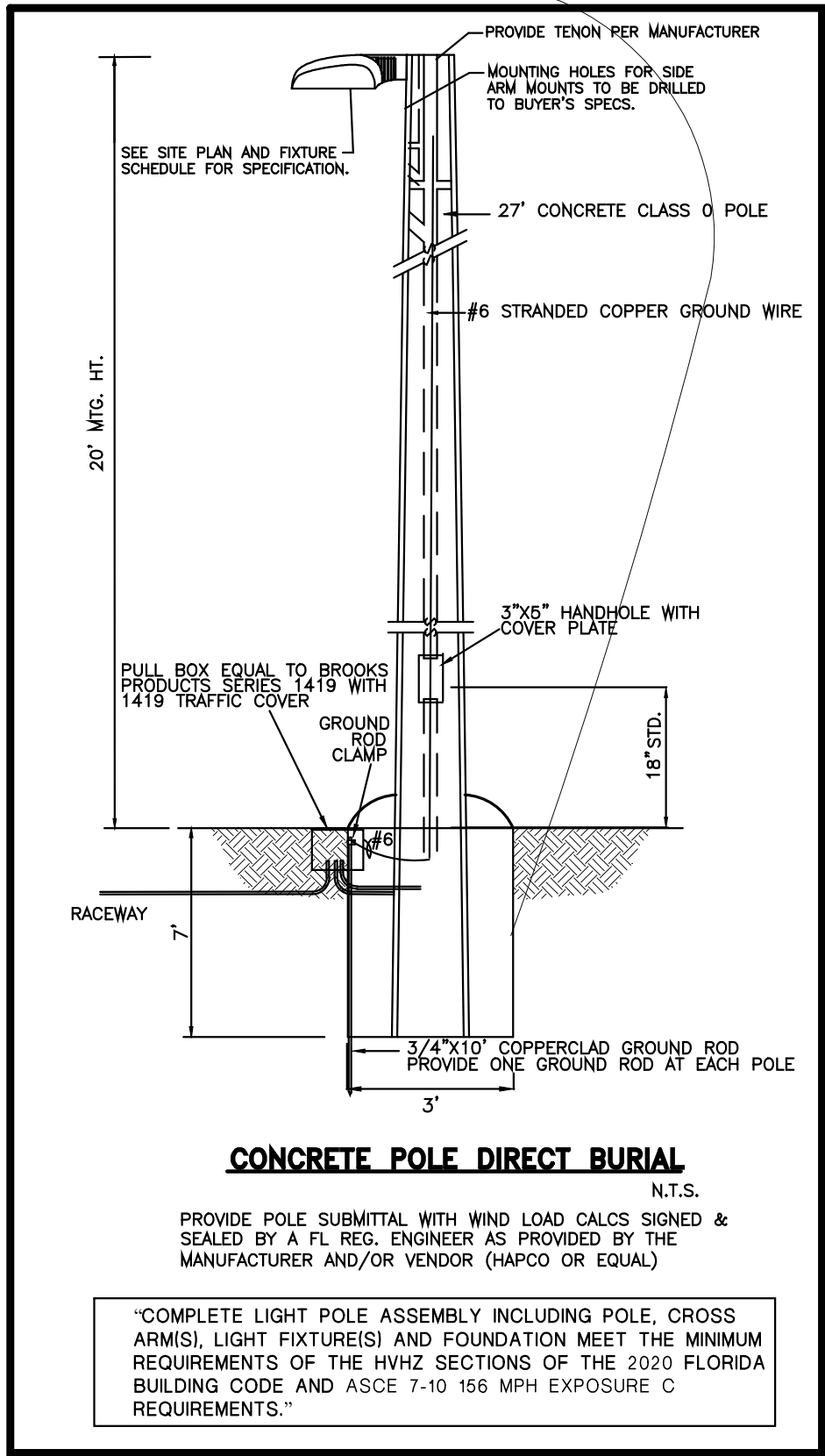


THE OAKS AT PALM AIRE LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP COLOR	LUMENS	LAMP TYPE	DIM TYPE	WATTS	MOUNTING	NOTES
D	4" EXTERIOR DOWNLIGHT	PORTFOLIO	LD4C25D010 EU4C25409030 4LBM01MW	UNV	3000K	2072	LED	0-10V	31.5W	RECESSED	
SA	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SAED-740-U-SWQ-BK / MA1036-XX	UNV	4000K	48012	LED	0-10V	368W	POLE	NOTE 1
SB	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SAED-740-U-T4W-BK / MA1036-XX	UNV	4000K	45907	LED	0-10V	368W	POLE	NOTE 1
SC	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SAED-740-U-T4FT-BK / MA1036-XX	UNV	4000K	45772	LED	0-10V	368W	POLE	NOTE 1
SD	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SAED-740-U-SL2-BK / MA1036-XX	UNV	4000K	45790	LED	0-10V	368W	POLE	NOTE 1
SE	DECORATIVE SITE LUMINAIRE	INVUE	MSA-SAC-740-U-SWQ-BK	UNV	4000K	25812	LED	N/A	225W	POLE	NOTE 2
SF	DECORATIVE SITE LUMINAIRE	INVUE	MSA-SAC-740-U-SL2-BK	UNV	4000K	23903	LED	N/A	225W	POLE	NOTE 2
W	WALL PACK	SPITZER LIGHTING	WPFP-37LC-U-CC(4000K)-TG-CD-FINISH	UNV	4000K	3779	LED	0-10V	28.5	WALL	NOTE 3
FIXTURE SCHEDULE NOTES											
NOTE 1: FIXTURE MOUNTED ON 20' VALMONT ALUMINUM POLE #1908-30506TE											
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, (954) 944-0286											

Photometrics Calculation Software Generated Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts
1	1	D(12)	GROUP	N.A.	26936	0.900	N.A.
9	SA	Single	GROUP	48011	48011	0.900	368
7	SB	Single	Single	45907	45907	0.900	368
2	SC	Single	Single	45772	45772	0.900	368
1	SD	Single	Single	45790	45790	0.900	368
6	SE	Single	Single	25812	25812	0.900	225
2	SF	Single	Single	23903	23903	0.900	225
14	W	Single	Single	3779	3779	0.900	28.5
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CLUBHOUSE & MAINTENANCE PARKING	Illuminance	Fc	3.90	12.2	0.7	5.57	17.43
CLUBHOUSE ACCESS ROAD	Illuminance	Fc	3.97	15.1	0.7	5.67	21.57
CLUBHOUSE PARKING	Illuminance	Fc	3.10	11.0	0.7	4.43	15.71
PROPERTY LINE	Illuminance	Fc	0.03	0.6	0.0	N.A.	N.A.
RESIDENTIAL PARKING & ENTRIES	Illuminance	Fc	3.16	12.6	0.7	4.51	18.00
CANOPY AREA	Illuminance	Fc	10.66	15.1	3.5	3.05	4.31



SITE PLAN PHOTOMETRICS

SCALE: 1" = 30'-0"



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
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.franyeengineers.com
JOB NUMBER 23-123
DATE 03/24/2023

VIVIANA FRANYE
No. 49985
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JOB NO. 2181.PRJ

SHEET TITLE: SITE PLAN
PHOTOMETRICS
NORTH PARTIAL

SHEET NUMBER:
E-1PH

PZ23-12000017

4 12/10/24

06-25-2025

THESE PLANS ARE FOR BUILDING DEPARTMENT REVIEW. THEY ARE NOT TO BE USED FOR ANY OTHER PURPOSE. ANY CHANGES OR MODIFICATIONS TO THESE PLANS MUST BE APPROVED BY THE ARCHITECT AND ENGINEER. THE ARCHITECT AND ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THESE PLANS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE ARCHITECT AND ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM THE USE OF THESE PLANS FOR ANY PURPOSE OTHER THAN THAT INTENDED BY THE ARCHITECT AND ENGINEER.