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 4LBMD1MW	UNV	3000K	2072	LED	0-10V	31.5W	RECESSED	
SA	SITE LUMINAIRE	MCGRAW-EDISON	GALN-SA6D-740-U-5WQ-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	INVUE	MSA-SA4C-740-U-5WQ-BK	UNV	4000K	25812	LED	N/A	225W	POLE	NOTE 2
SF	DECORATIVE SITE LUMINAIRE	INVUE	MSA-SA4C-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-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 # 1908-30505TE

NOTE 2: FIXTURE MOUNTED ON 14' VALMONT ALUMINUM POLE # 130B-30504TE + 2FT FIXTURE HEAD TO ACHIEVE 16FT MOUNTING HEIGHT

NOTE 3: ADVISE FINISH

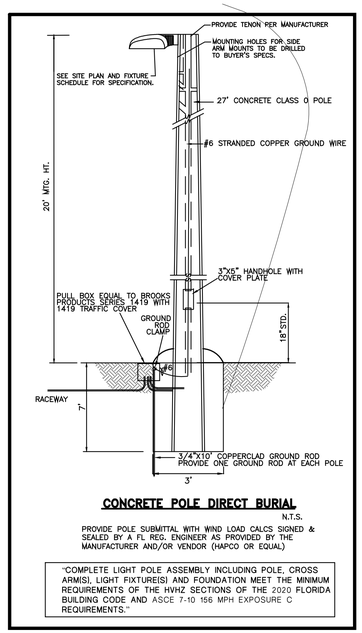
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT QUOTATIONS@LIGHTINGDYNAMICS.COM, (954) 944-0286

Photometrics Calculation Software Generated Luminaire Schedule

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

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CLUBHOUSE & MANTENANCE 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

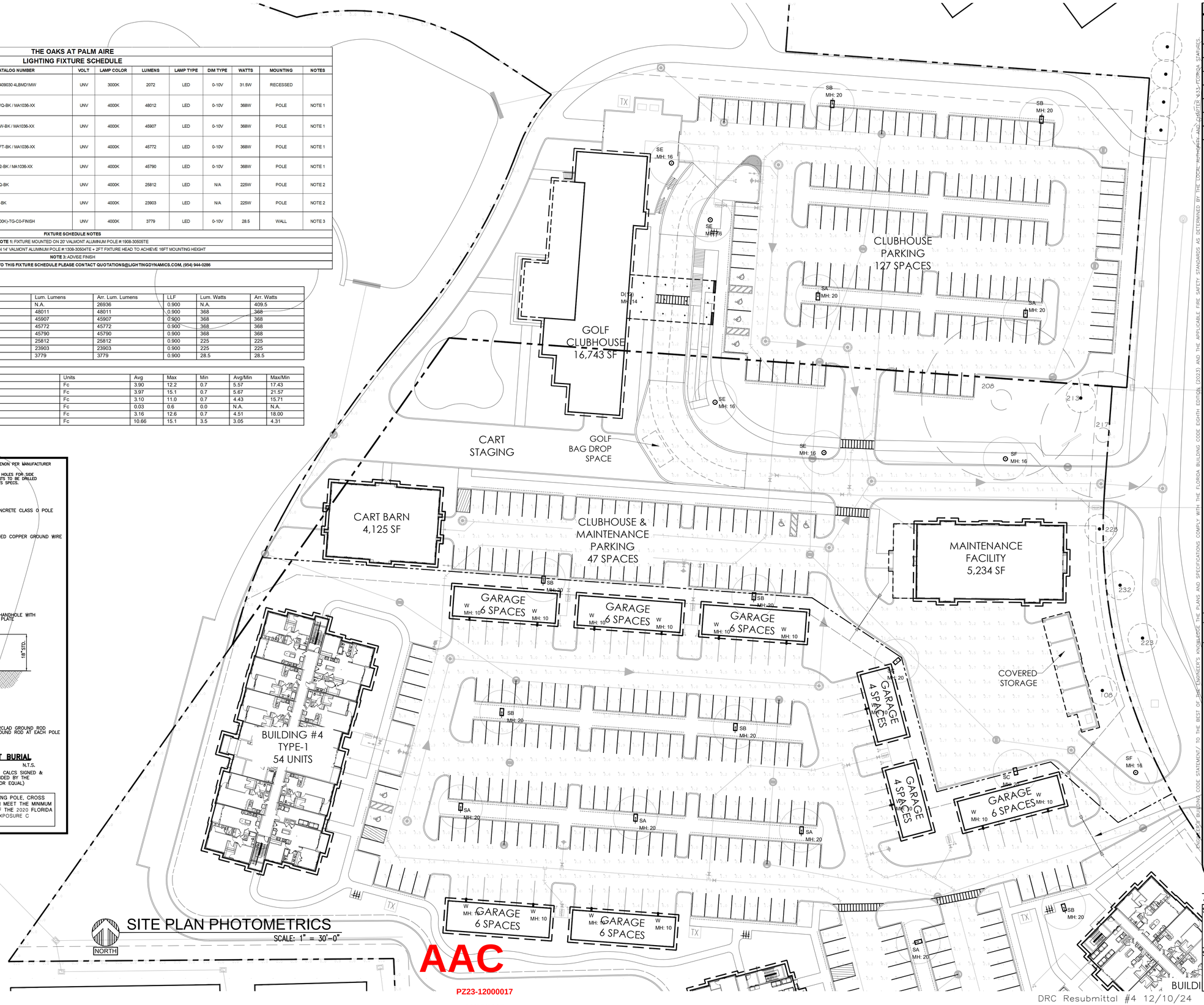


CONCRETE POLE DIRECT BURIAL

N.T.S.

PROVIDE POLE SUBMITTAL WITH WIND LOAD CALCS SIGNED & SEALED BY A FL REG. ENGINEER AS PROVIDED BY THE MANUFACTURER AND/OR VENDOR (HAPCO OR EQUAL)

"COMPLETE LIGHT POLE ASSEMBLY INCLUDING POLE, CROSS ARM(S), LIGHT FIXTURE(S) AND FOUNDATION MEET THE MINIMUM REQUIREMENTS OF THE HVHZ SECTIONS OF THE 2020 FLORIDA BUILDING CODE AND ASCE 7-10 156 MPH EXPOSURE C REQUIREMENTS."



SITE PLAN PHOTOMETRICS

SCALE: 1" = 30'-0"

NORTH

AAC

PZ23-12000017

03/05/2025

THESE PLANS ARE FOR BUILDING DEPARTMENT REVIEW. THEY ARE NOT TO BE CONSTRUED AS PERMITTED DRAWINGS UNTIL ALL BUILDING DEPARTMENT APPROVALS ARE OBTAINED AND COMMENTS ARE INCORPORATED. THE CONTRACTOR IS RESPONSIBLE FOR THE INTERPRETATIONS OF THE CODE THAT OCCUR IN DIFFERENT MUNICIPALITIES AND SHALL ENSURE THAT THE FINAL PRODUCT IS IN COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.

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

FRANYIE ENGINEERS INC.

Certificate of Authorization # PE # 49985 MECH 00002906

VIVIANA FRANYIE PE # 49985 MECH

ALEJANDRO FRANYIE PE # 73089 MECH

10610 NW 27 Street, Miami FL 33172

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www.franyieengineers.com

JOB NUMBER 23-123

DATE 03/24/2023

VIVIANA FRANYIE LICENSE No. 49985 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by VIVIANA FRANYIE, PE., on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Jan 28 2025

JOB NO. 2181.PRJ

SHEET TITLE: SITE PLAN PHOTOMETRICS NORTH PARTIAL

SHEET NUMBER: E-1PH

ALL NEW 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 AUTHORITIES HAVING JURISDICTION IN BROWARD COUNTY, FLORIDA.

DRC Resubmittal #4 12/10/24