LUMINAIRE SCHEDULE

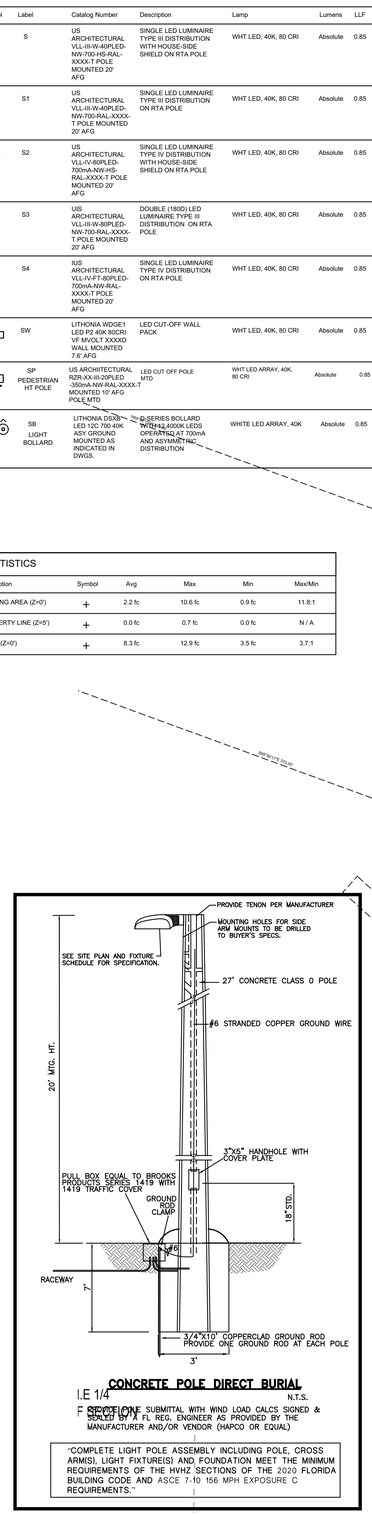
Symbol	Label	Catalog Number	Description	Lamp	Lumens	LLF	Watts
	S	US ARCHITECTURAL VLL-III-W-40PLED-NW-700-HS-RAL-XXXX-T POLE MOUNTED 20' AFG	SINGLE LED LUMINAIRE TYPE III DISTRIBUTION WITH HOUSE-SIDE SHIELD ON RTA POLE	WHT LED, 40K, 80 CRI	Absolute	0.85	91
	S1	US ARCHITECTURAL VLL-III-W-40PLED-NW-700-RAL-XXXX-T POLE MOUNTED 20' AFG	SINGLE LED LUMINAIRE TYPE III DISTRIBUTION ON RTA POLE	WHT LED, 40K, 80 CRI	Absolute	0.85	88
	S2	US ARCHITECTURAL VLL-IV-80PLED-700mA-NW-HS-RAL-XXXX-T POLE MOUNTED 20' AFG	SINGLE LED LUMINAIRE TYPE IV DISTRIBUTION WITH HOUSE-SIDE SHIELD ON RTA POLE	WHT LED, 40K, 80 CRI	Absolute	0.85	183.4
	S3	UIS ARCHITECTURAL VLL-III-W-80PLED-NW-700-RAL-XXXX-T POLE MOUNTED 20' AFG	DOUBLE (180D) LED LUMINAIRE TYPE III DISTRIBUTION ON RTA POLE	WHT LED, 40K, 80 CRI	Absolute	0.85	366
	S4	IUS ARCHITECTURAL VLL-IV-FT-80PLED-700mA-NW-RAL-XXXX-T POLE MOUNTED 20' AFG	SINGLE LED LUMINAIRE TYPE IV DISTRIBUTION ON RTA POLE	WHT LED, 40K, 80 CRI	Absolute	0.85	183
	SW	LITHONIA WDGE1 LED P2 40K 80CRI VF MVOLT XXXXD WALL MOUNTED 7.6' AFG	LED CUT-OFF WALL PACK	WHT LED, 40K, 80 CRI	Absolute	0.85	15.0178
	SP PEDESTRIAN HT POLE	US ARCHIITECTURAL RZR-XX-III-20PLED -350mA-NW-RAL-XXXX-T MOUNTED 10' AFG POLE MTD	LED CUT OFF POLE MTD	WHT LED ARRAY, 40K, 80 CRI	Absolute	0.85	22.3
	SB LIGHT BOLLARD	LITHONIA DSXL-LED 12C 700 40K ASY GROUND MOUNTED AS INDICATED IN DWGS.	D-SERIES BOLLARD W/ 12 4000K LEDS OPERATING AT 700mA AND ASYMMETRIC DISTRIBUTION	WHITE LED ARRAY, 40K	Absolute	0.85	31

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min
PARKING AREA (Z=0')	+	2.2 fc	10.6 fc	0.9 fc	11.8:1
PROPERTY LINE (Z=5')	+	0.0 fc	0.7 fc	0.0 fc	N / A
RAMP (Z=0')	+	8.3 fc	12.9 fc	3.5 fc	3.7:1

NOTES

1. CALCULATIONS HAVE BEEN PERFORMED ACCORDING TO IES STANDARDS AND PRACTICE. SOME DIFFERENCES BETWEEN OBTAINED VALUES AND CALCULATED RESULTS MAY OCCUR DUE TO TOLERANCES IN CALCULATION METHODS, TESTING PROCEDURES, COMPONENT PERFORMANCES, MEASURED CONDITIONS SUCH AS TECHNICAL AND FIELD VOLTAGES AND TEMPERATURE VARIATIONS. INPUT DATA SUCH AS ROOM DIMENSIONS, REFLECTANCES, FURNITURE, LIGHT LOSS FACTOR, FURNITURE, ARCHITECTURAL ELEMENTS AND FOLIAGE SIGNIFICANTLY AFFECT THE LIGHTING CALCULATIONS. IF THE REAL ENVIRONMENT DO NOT MATCH INPUT DATA DIFFERENCES WILL OCCUR BETWEEN MEASURED AND CALCULATED VALUES.
2. ALL POLES ARE TO BE 20' AFG AND 27' OL OR AS INDICATED BY BORING TEST RESULTS - BY OTHERS. POES ARE TO BE ROUND TAPERED ALUMINUM (RTA), DIRECT BURIAL WITHOUT TENON. LUMINAIRES ARE TO BE BOLTED TO SIDE OF POLES. POLES TO MATCH LUMINAIRE FINISH. MANUFACTURER HAPCO # RTA20B6BD-**
3. WIND LOAD CALCULATIONS, TO MEET SOUTH FLORIDA WIND LOAD REQUIREMENTS, MUST BE PREPARED AND SUBMITTED AS PART OF THE SUBMITTAL PROCESS. SAID CALCULATIONS MUST BE SIGNED AND SEALED BY FLORIDA REGISTERED ENGINEER.



CONCRETE POLE DIRECT BURIAL

I.E 1/4 N.T.S.

FOR STRUCTURE 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."

THESE PLANS ARE FOR BUILDING DEPARTMENT REVIEW. THEY ARE NOT TO BE USED FOR CONSTRUCTION UNTIL ALL APPROVALS ARE OBTAINED BUILDING DEPARTMENT APPROVALS ARE OBTAINED AND COMMENTS ADDRESSED. THE CONTRACTOR SHALL VERIFY ALL NOTES AND INTERPRETATIONS OF THE CODE THAT OCCUR IN DIFFERENT MUNICIPALITIES AND SHALL BE RESPONSIBLE FOR ENSURE COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.

GULF CLUB CLUBHOUSE
ACCESSORY STRUCTURE
GOLF CLUB BOULEVARD ENTRY
PARKING LOT (112 SP)
TYPE II BLDG. 4 5-STORY 54 UNITS
TYPE I BLDG. 5 5-STORY 54 UNITS
TYPE II BLDG. 3 5-STORY 54 UNITS
TYPE I BLDG. 2 5-STORY 54 UNITS
TYPE II BLDG. 1 5-STORY 54 UNITS
GREEN
PLAZA
PARK
POOL
CLUBHOUSE
GREEN 0.35FC CURVE (TYPICAL)
CARRIAGE HOMES (4 DUS)
GARAGE (6SP)
GARAGE (8SP)
CLUB AT PALM-AIRE PARCEL A PB. 177 PG. 97
EXISTING LIVE OAK
OAKS CLUBHOUSE DR
W. PALM AIRE DR.
MAIN ENTRY
89°59'38" M.
ZONE X
NORTH

SITE PLAN PHOTOMETRICS

SCALE: 1" = 50'-0"

DRC
DRC Submittal 06/13/2023
PZ23-12000017
07/19/2023

REVISIONS

OAKS @ PALM AIRE

FOR:
MORGUARD
LOCATED AT:
POMPANO BEACH, FLORIDA

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

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

JOB NUMBER 23-123
DATE 03/24/2023

VIVIANA FRANYIE LICENSE No. 49985 STATE OF FLORIDA

Digitally signed by Viviana Franyie, P.E.
DN: E=vfranyie@franyie.com, CN=Viviana Franyie, P.E., O=Civil Engineer & Principal, OU=Franyie Engineers, L=Miami, S=Florida, C=US
Date: 2023.06.13 09:02:10-04'00'

THIS DRAWING HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY VIVIANA FRANYIE, P.E. DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Jun 13 2023

JOB NO. 2181.PRJ
SHEET TITLE: SITE PLAN PHOTOMETRICS
SHEET NUMBER: E-1.PH

ENGINEER'S BUILDING CODE STATEMENT: TO THE BEST OF THE ENGINEER'S KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY AND CHAPTER 633, FLORIDA STATUTES.