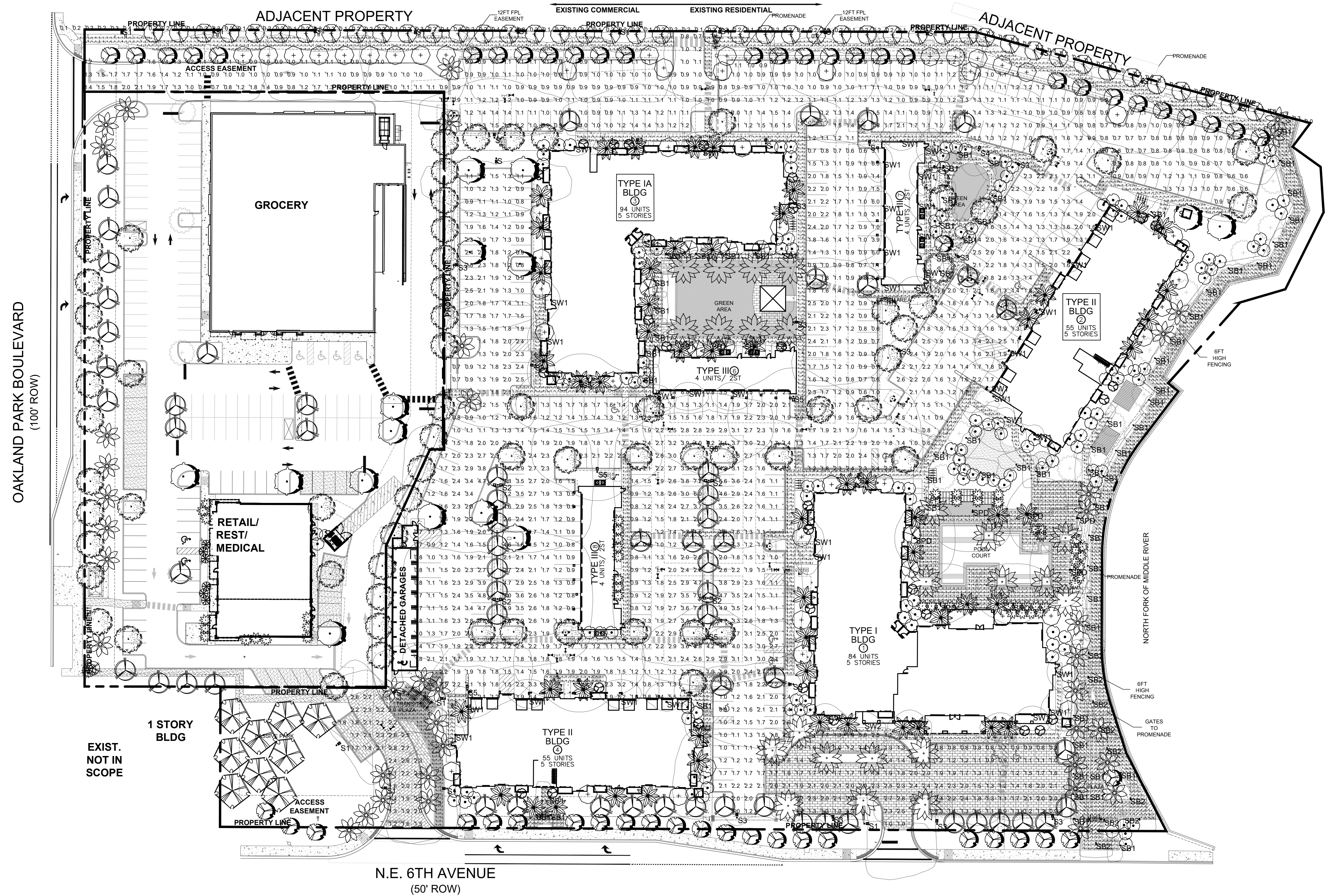




SITE PHOTOMETRIC LIGHTING PLAN

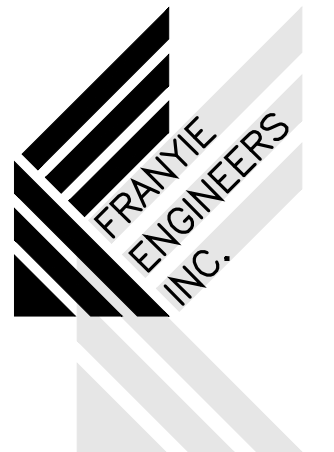
SCALE: 1"=40'-0"

REVISIONS

COP RESUBMITTAL
5-13-2020

OAKLAND PARK

FOR:
RAM
LOCATED AT:
OAKLAND, FLORIDA



Certificate of VIVIANA FRANYIE
Authorization # PE # 49985 MECH
00002906 ALEJANDRO FRANYIE
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JOB NUMBER 19-207
DATE

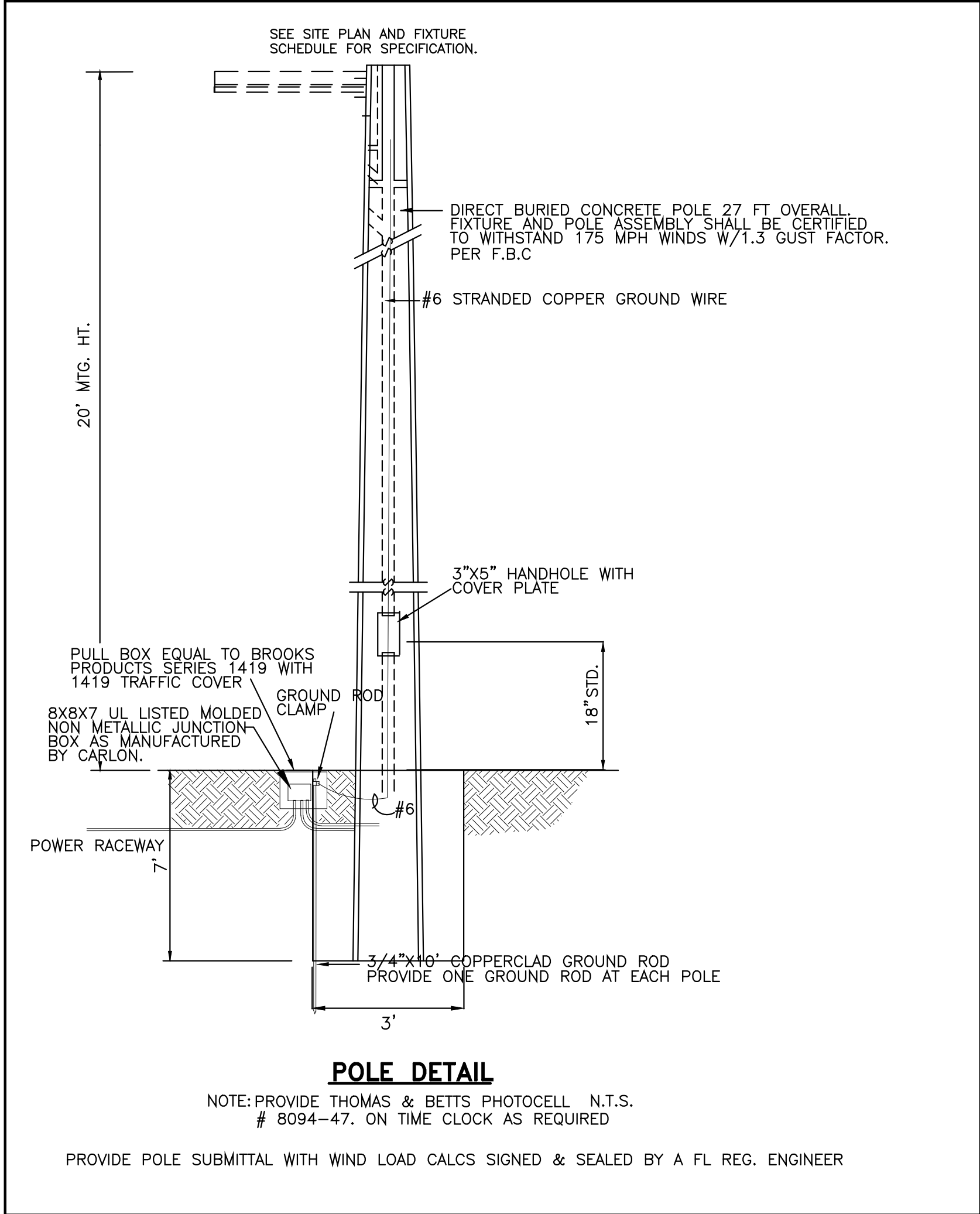
Jun 18 2020

JOB NO.-MSA 1912.PRJ

SHEET TITLE:
RESIDENTIAL
PHOTOMETRICS
SITE PLAN

SHEET NUMBER:

EPH-1



"COMPLETE LIGHT POLE ASSEMBLY INCLUDING POLE, CROSS
ARM(S), LIGHT FIXTURE(S) AND FOUNDATION MEET THE MINIMUM
REQUIREMENTS OF THE HVHZ SECTIONS OF THE 2014 FLORIDA
BUILDING CODE AND ASCE 7-10 156 MPH EXPOSURE C
REQUIREMENTS."

NOTES - RESIDENTIAL

1. CALCULATIONS HAVE BEEN PERFORMED ACCORDING TO
IES STANDARDS AND PRACTICE. SOME DIFFERENCES
BETWEEN MEASURED 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. CONCRETE POLES ARE TO BE 27' OVERALL LENGTH AND 20'
ABOVE GROUND OR AS INDICATED BY BORING TEST RESULTS -
SUPPLIED BY OTHERS.
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.

LUMINAIRE SCHEDULE						
Symbol	Label	Qty	Catalog Number	Lamp	Lumens	LLF Watts
	S	6	US ARCHITECTURAL VLL-III-40PLED- NW-525-HS MOUNTED 20' AFG ON RTA DIRECT BURIAL POLE WITHOUT TENON	WHT LED ARRAY, 40K	Absolute	0.85 67
	S1	18	US ARCHITECTURAL VLL-IV-FT-40PLED- 525mA-NW-HS- RAL-XXXX-T POLE MOUNTED 20' AFG ON RTA DIRECT BURIAL POLE WITHOUT TENON	WHT LED ARRAY, 40K	Absolute	0.85 67
	S2	4	US ARCHITECTURAL VLL-IV-FT-80PLED- 700mA-NW-RAL- XXXX-T MOUNTED 20' AFG ON RTA DIRECT BURIAL POLE	WHT LED ARRAY, 40K	Absolute	0.85 366
	S3	13	US ARCHITECTURAL VLL-IV-FT-80PLED- 525mA-NW-HS POLE MOUNTED 20' AFG	WHT LED ARRAY, 30K	Absolute	0.85 134
	S4	1	US ARCHITECTURAL VLL-IV-FT-40PLED- 525mA-NW-RAL- XXXX-T MOUNTED 20' AFG ON RTA DIRECT BURIAL POLE	WHT LED ARRAY, 40K	Absolute	0.85 67
	S5	7	US ARCHITECTURAL VLL-III-40PLED- 525mA-NW-RAL- XXXX-T MOUNTED 20' AFG ON RTA DIRECT BURIAL POLE	WHT LED ARRAY, 40K	Absolute	0.85 66.9
	SPD	7	US ARCHITECTURAL VLL-IV-40PLED- 350mA-NW-RAL- XXXX-T MOUNTED 14' AFG ON RTA DIRECT BURIAL POLE	FORTY WHITE LIGHT EMITTING DIODES (LEDs), VERTICAL BASE- UP POSITION, 350MA DRIVE CURRENT, PRORATED FROM TEST ITL85110	Absolute	0.80 43.4
	SW1	39	LITHONIA WST LED P1 30K VW MVOLT DS VG WALL MOUNTED 7.6' AFG	WHT LED ARRAY, 40K	Absolute	0.85 14
	SW2	3	LITHONIA WST LED P2 30K VF MVOLT VG WALL MOUNTED 10' AFG	WHT LED ARRAY, 30K	Absolute	0.85 25
	SB1	71	US ARCHITECTURAL RZRB1-III-20PLED- 350mA-NW-HS- RAL-XXXX-T GROUND MOUNTED AS INDICATED IN DWGS	WHT LED AARRAY, 40K	Absolute	0.85 22.3
	SB2	9	US ARCHITECTURAL RZRB1-III-20PLED- 350mA-NW-HS- RAL-XXXX-T GROUND MOUNTED AS INDICATED IN DWGS	WHT LED ARRAY, 40K	Absolute	0.85 44.6

STATISTICS					
Description	Symbol	Avg	Max	Min	Max/Min
PROPERTY LINE (Z=0')	+	0.2 fc	0.4 fc	0.0 fc	N / A
RESI ENTRANCE (Z=0')	+	9.6 fc	19.0 fc	0.7 fc	27.1:1
RESI PARK (Z=0')	+	8.7 fc	20.2 fc	1.0 fc	20.2:1
RESI PARKING AREA (Z=0')	+	1.6 fc	6.0 fc	0.6 fc	10.0:1
RESI PATHWAYS (Z=0')	+	3.7 fc	18.6 fc	0.5 fc	37.2:1
RESI POOL DECK P-O-E (Z=0')	+	2.5 fc	13.2 fc	0.6 fc	22.0:1
RESI TRANSIT PLAZA (Z=0')	+	1.8 fc	2.5 fc	1.2 fc	2.1:1

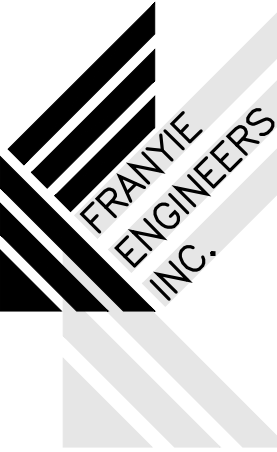
RESIDENTIAL
PHOTOMETRIC NOTES, SCHEDULES & DETAILS

N.T.S.

REVISIONS

COP RESUBMITTAL
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SHEET TITLE:
RESIDENTIAL
PHOTOMETRIC, NOTES,
SCHEDULES & DETAILS

SHEET NUMBER:
EPH-2