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STATE OF FLORIDA * CERTIFICATE OF AUTHORIZATION #4260

VICTOR CABAN-DIAZ, AIA, LEED AP
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These drawings shall be used for the specific project location indicated
within the Title Block, and shall not be used at any other location without
prior consent from the ARCHITECT.

MT. SINAI PARKING GARAGE

MIAMI BEACH, FLORIDA

DRB FINAL SUBM.

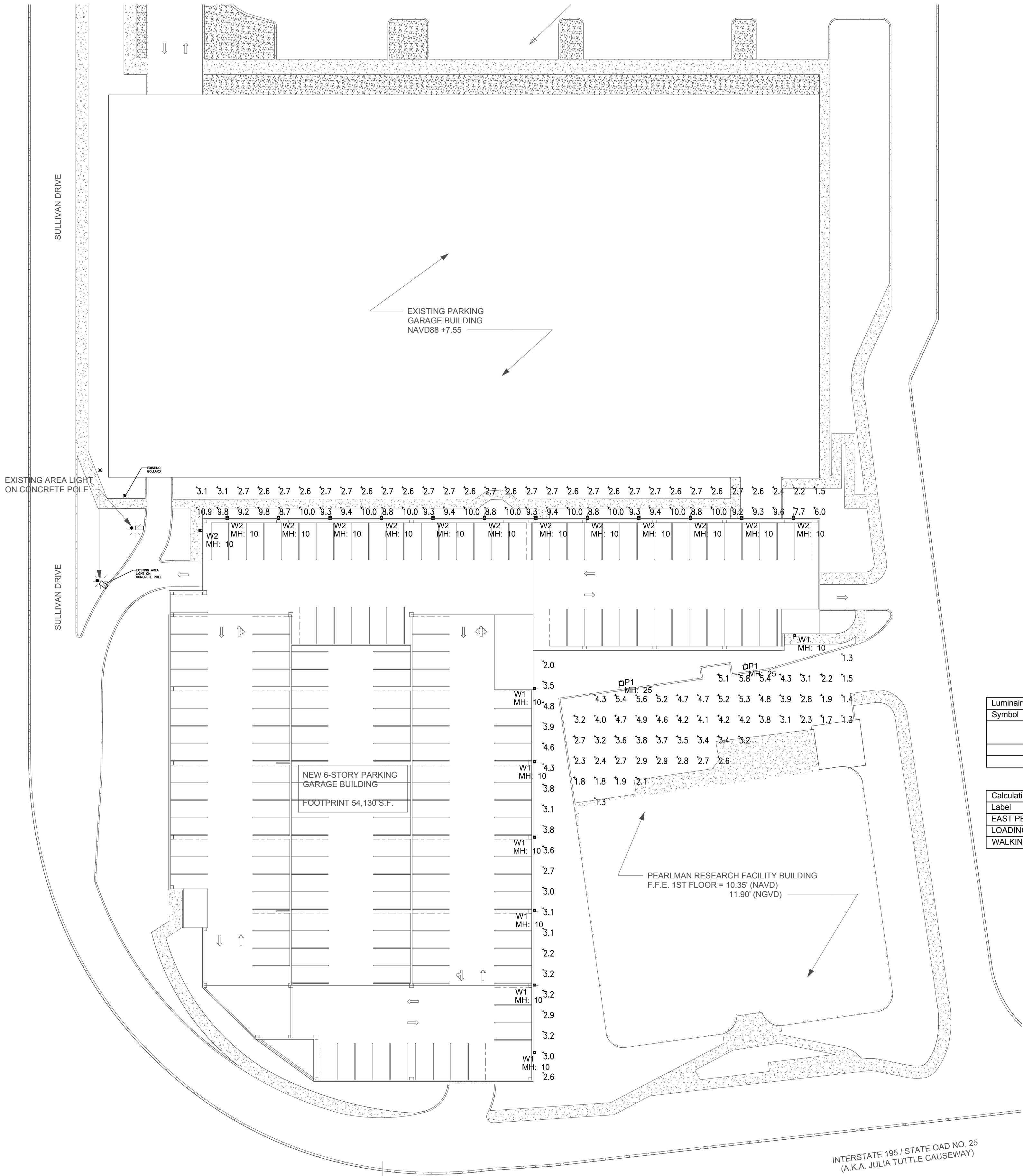
No:	Date:	Description:
1	01-28-2022	DRC PLAN SUBMITTAL
1	02/14/2022	FIRST SUBMITTAL
1	03/07/2022	FINAL SUBMITTAL

DATE:	03-07-2022
DESIGNER:	RW
MODELED:	-
CHECKED:	JLF
NETTA PROJECT #:	2211676FL

LIGHTING
CALCULATIONS

SITE PLAN APPROVAL

E-1



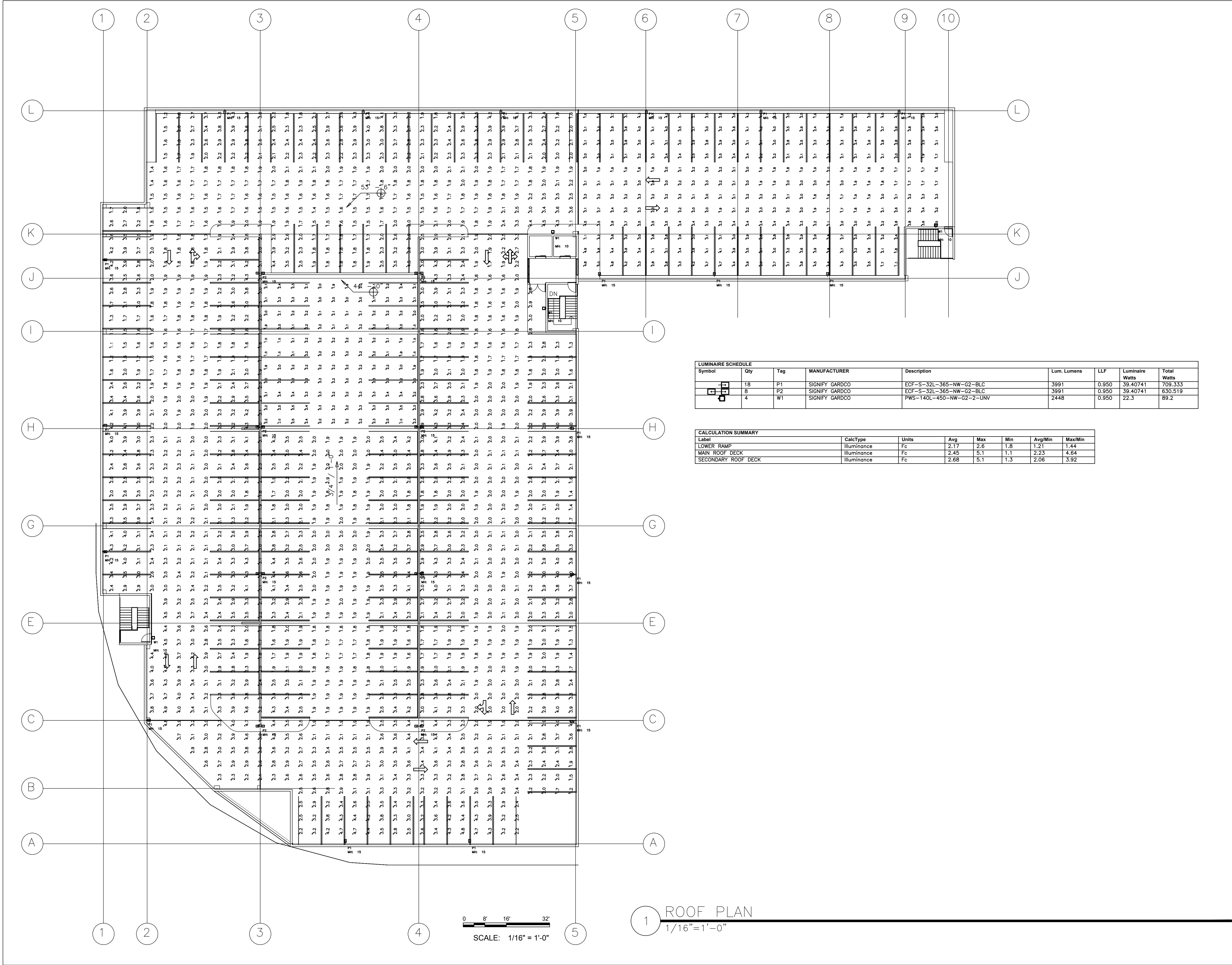
Luminaire Schedule					
Symbol	Qty	Label	[MANUFAC]	Description	Lum. Lumens LLF
	2	P1	SIGNIFY GARDCO	SIGNIFY GARDCOECF-S-64L-900-NW-G2-4-HIS	19136 0.950
	7	W1	PHILIPS GARDCO	PWS-140L-450-NW-G2-2-UNV	2448 0.950
	13	W2	PHILIPS GARDCO	PWS-140L-1150-NW-G2-2-UNV	5898 0.950

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
EAST PERIMETER	Illuminance	Fc	3.31	4.8	2.0	1.66 2.40
LOADING AREA	Illuminance	Fc	3.42	5.8	1.3	2.63 4.46
WALKING PATH	Illuminance	Fc	5.99	10.9	1.5	3.99 7.27

1 SITE PLAN
1"=30'-0"

0 30' 60'
SCALE: 1" = 30'-0"

This item has been digitally signed by Richard Walewski
on 03/03/2022.
Printed copies of this document are not considered signed and sealed
and the signature must be verified on any electronic copies.



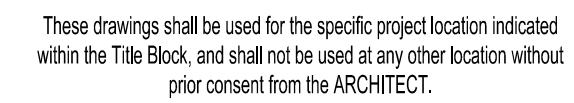
LUMINAIRE SCHEDULE							
Symbol	Qty	Tag	MANUFACTURER	Description	Lum. Lumens	LLF	Luminaire Watts
	18	P1	SIGNIFY GARDCO	ECF-S-32L-365-NW-G2-BLC	3991	0.950	39,407.41
	8	P2	SIGNIFY GARDCO	ECF-S-32L-365-NW-G2-BLC	3991	0.950	39,407.41
	4	W1	SIGNIFY GARDCO	PWS-140L-450-NW-G2-2-UNV	2448	0.950	22.3

CALCULATION SUMMARY						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
LOWER RAMP	ILLUMINANCE	Fc	2.17	2.6	1.8	1.21
MAIN ROOF DECK	ILLUMINANCE	Fc	2.45	5.1	1.1	2.23
SECONDARY ROOF DECK	ILLUMINANCE	Fc	2.68	5.1	1.3	2.06

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LIGHTING CALCULATIONS



MIAMI BEACH, FLORIDA

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E-3

The image contains four technical diagrams of different types of poles, each with a label and a description.

- TYPE: W1/W2 WALL MOUNTED**: A side view of a pole mounted to a wall. The pole is vertical, and the mounting bracket is attached to the wall. The height of the pole is labeled as "VARIES (SEE PLAN)".
- TYPE: P2 GARAGE TOP DECK MOUNTED POLE**: A side view of a pole mounted to a concrete base. The pole is vertical, and the base is labeled "CONCRETE BASE". The height of the pole is labeled as "15.0 FT". The base is also labeled "FIN. FLOOR.".
- TYPE: P1 GARAGE TOP DECK MOUNTED POLE**: A side view of a pole mounted to a concrete base. The pole is vertical, and the base is labeled "CONCRETE BASE". The height of the pole is labeled as "15.0 FT". The base is also labeled "FIN. FLOOR.".
- TYPE: P1 GRADE MOUNTED POLE**: A side view of a pole mounted to a concrete base. The pole is vertical, and the base is labeled "CONCRETE POLE BASE". The height of the pole is labeled as "25.0 FT". The base is also labeled "FIN. GRADE". The base is also labeled "CONCRETE POLE BASE". The base is also labeled "CONCRETE POLE BASE".