

INFO:  
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**GENESIS LIGHTING**  
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Luminaire Schedule					LLF	Luminaire Lumens	Luminaire Watts	Total Watts
Symbol	Qty	Label	Arrangement	Description				
	5	G	Single	VersaLED VT8-K-4X24L-QT-40K-WD	0.900	4421	30	150
	7	SA	Single	Xtra Light VNTM-30000L-40K-DIM-4M-N-XX-XX-HSS	0.900	20773	217	1519

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Beyond Property Line	Illuminance	Fc	0.13	1.0	0.0	N.A.	N.A.	
Parking and Drive Lanes	Illuminance	Fc	2.89	10.4	1.0	2.89	10.40	
Property Line	Illuminance	Fc	0.53	1.3	0.1	5.30	13.00	

**NOTE:**  
SUPPLIER OF POLES SHALL SUBMIT ENGINEERED SHOP DRAWINGS SIGNED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER SIZED FOR THE EFFECTIVE PROJECTED AREA (EPA) OF THE LIGHT FIXTURES ULTIMATELY INSTALLED AND SHALL DETERMINE THE REQUIRED POLE EMBEDMENT DEPTH FOR THE CODE REQUIRED (175MPH) WIND VELOCITY PRESSURE, EXPOSURE 'C'.

THE COMPLETE LIGHT POLE ASSEMBLY INCLUDING POLE, CROSS ARM (S), LIGHT FIXTURE (S) AND FOUNDATION MEET THE MINIMUM REQUIREMENTS OF THE HVHZ SECTIONS OF THE FLORIDA BUILDING CODE 2023, 8TH EDITION AND ASCE 7-16, 170 MPH EXPOSURE C, RISK CATEGORY II

### Pole Mounted Luminaire

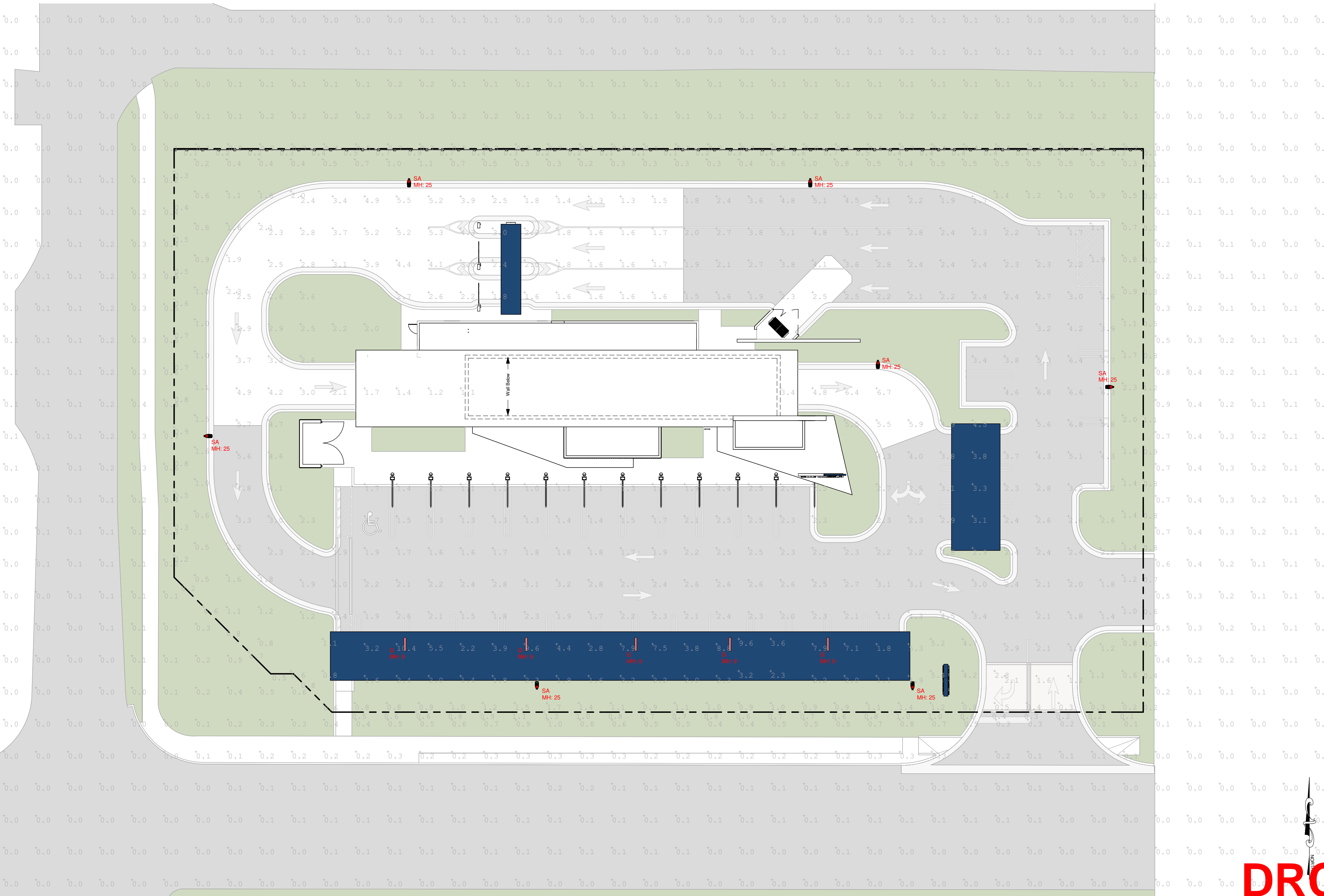
Minimum to Maximum foot-candles at property lines: No more than the following foot-candle limitations shall emanate from nonpublic exterior lighting as measured from any adjacent private property:

- |  |         |
|--|---------|
| Min.   | Max     |
| • Zoned single-family, two-family, cluster, or agricultural... | 0.0 0.2 |
| • Multi-family residential                                     | 1.0 1.0 |
| • All other districts  | 1.0 3.0 |

Height limitations. No lighting fixture located on private property shall exceed the following heights from ground level:

- Seventeen and one half (17-1/2) feet shall be permitted for tennis court lighting.
- Twenty-two and one half (22-1/2) feet in multi-family residentially zoned districts.
- Twenty (20) feet within all other zoning districts excluding Parks (P) zoning district within fifty (50) feet of residentially zoned property and thirty-two and one-half (32-1/2) feet for those sites more than fifty (50) feet from residentially zoned districts.

**NOTE:**  
A CERTIFIED REPORT FROM A LICENSED ELECTRICAL OR LIGHTING ENGINEER AND OR CONTRACTOR TO VERIFY THAT THE PHOTOMETRIC PLAN MEETS THE APPROVED PLAN SHALL BE PROVIDED PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF COMPLETION AND OR OCCUPANCY.



**DRC**

08/20/2025

CONSULTANT  
STATE OF FLORIDA  
REGISTERED ARCHITECT  
Gregory b. Molina  
FL REG. # AR93354  
DATE: 07-15-25  
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DRC SUBMITTAL  
RISING TIDE  
2901 W ATLANTIC BOULEVARD  
POMPANO BEACH FL 33069

DRAWING ISSUE DATES:	

Photometric Plan

SHEET  
PH-1  
PROJECT 250225  
DATE 07-15-25  
PERMIT NO.