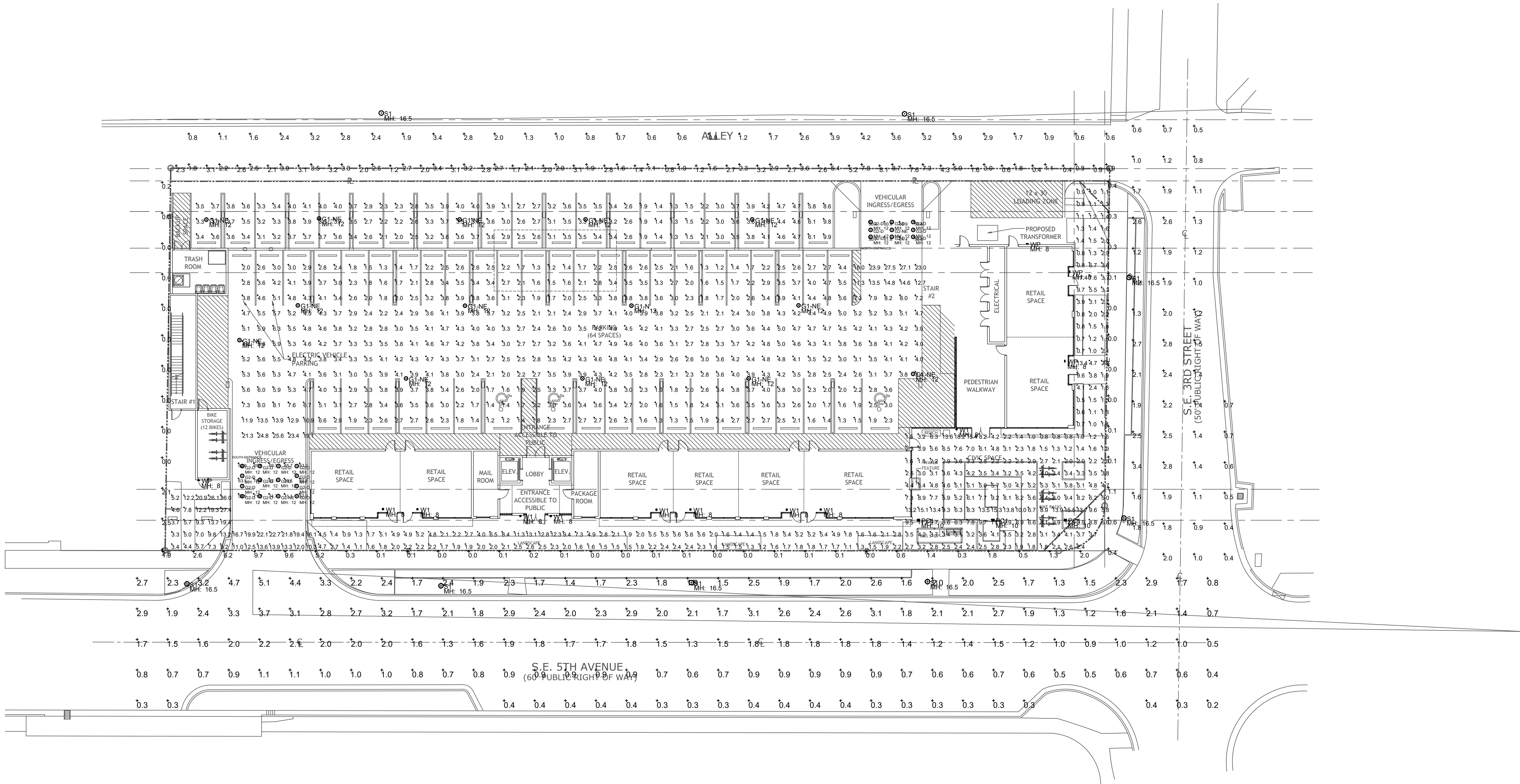




LEVEL 1 PHOTOMETRICS (DAY TIME)

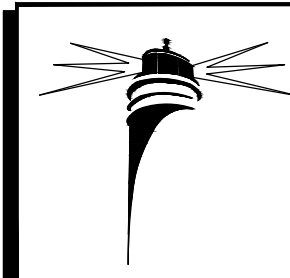
318 Delray Mixed Use								
LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	MFR	CATALOG NUMBER	VOLTS	LAMPS	WATTS	DIMMING	REMARKS
SITE								
G1	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-WQ	UNV	LED	47.2	0-10V	SURFACE
G1E	GARAGE FIXTURE WITH BATTERY BACKUP	MGRW EDISON	TT-D3-740-U-WQ-IBP	UNV	LED	47.2	0-10V	SURFACE
G2	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-CQ	UNV	LED	47.2	0-10V	SURFACE
G2E	GARAGE FIXTURE WITH BATTERY BACKUP ON PHOTOCELL	MGRW EDISON	TT-D3-740-U-CQ-IBP-SPB2	UNV	LED	47.2	0-10V	SURFACE
PC1	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-10'-120/277V	UNV	LED	54.5	NONDIM	NOTE 3
PC2	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-15'-120/277V-HSS	UNV	LED	54.5	NONDIM	NOTE 2
PC3	POLE MOUNTED POOL AREA LIGHT, TYPE 3 HIGH OUTPUT	LIGMAN	ULI-21241-T3-W30-FINISH-15'-120/277V-HSS	UNV	LED	54.5	NONDIM	NOTE 2
PW1	WALL MOUNTED POOL AREA LIGHT, TYPE 4 LOW OUTPUT	LIGMAN	ULI-30021-T4-W30-FINISH-120/277V	UNV	LED	27.7	NONDIM	WALL
WP	SLIM WALL PACK	ILP	SWP-3L-U-40-BRZ	UNV	LED	22.8	0-10V	SURFACE
W1	WALL SCONCE	LIGMAN	UTA-31861-37W-T2-W30-01-120/277	120/277	LED	37	0-10V	SURFACE
S1	SITE LIGHTING	SPRING CITY ELECTRICAL	THE DELRAY LED LUMINAIRE WITH THE CROSSFIRE GENERATION TWO LED OPTICAL SYSTEM	120-277	4000K	95	N/A	16.5'
FIXTURE SCHEDULE NOTES								
NOTE 1: ADVISE FINISH								
NOTE 2: FIXTURE TO BE MOUNTED ON 15' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.								
NOTE 3: FIXTURE TO BE MOUNTED ON 10' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.								
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @ LIGHTING DYNAMICS - 772-285-7169; RHUFF@LIGHTINGDYNAMICS.COM								

Photometrics Calculation Software Generated Luminaire Schedule							
Scene: DAY							
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts
○	1	G1-N	SINGLE	6359	6359	0.900	47.2
○	13	G1-NE	SINGLE	6359	6359	0.900	47.2
○	21	G2-D	SINGLE	6284	6284	0.900	47.2
○	2	G2-NE	SINGLE	6284	6284	0.900	47.2
□	3	PC1	Single	4828	4828	0.900	54.5
□	8	S1	Single	9015	9015	0.900	95
□	9	W1	SINGLE	4854	4854	0.900	75.6
□	4	WP	SINGLE	3310	3310	0.900	22.8

Calculation Summary						
Scene: DAY						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
ALLEY	Illuminance	Fc	2.48	8.7	0.6	14.50
NORTH ENTRANCE	Illuminance	Fc	55.89	61.6	50.4	1.11
PROPERTY LINE	Illuminance	Fc	1.54	9.7	0.0	N/A
SE 3RD ST	Illuminance	Fc	1.53	3.4	0.4	3.83
SE 5TH AV	Illuminance	Fc	1.54	5.1	0.2	7.70
SIDEWALK	Illuminance	Fc	5.18	36.0	0.5	10.36
SOUTH ENTRANCE	Illuminance	Fc	67.16	82.1	52.9	1.27
PARKING AREA	Illuminance	Fc	2.94	9.9	1.2	2.45

LIGHT OUTPUT SUMMARY			
Scene: DAY			
Label	Switched	Output	# Lums
G1-N	On	1.00	1
G1-NE	On	1.00	13
G2-D	On	1.00	21
G2-NE	On	1.00	2
PC1	On	1.00	3
S1	On	1.00	8
W1	On	1.00	9
WP	On	1.00	4

TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, ALL AMENDMENTS AND SECTION 633 OF THE FLORIDA STATUTES.



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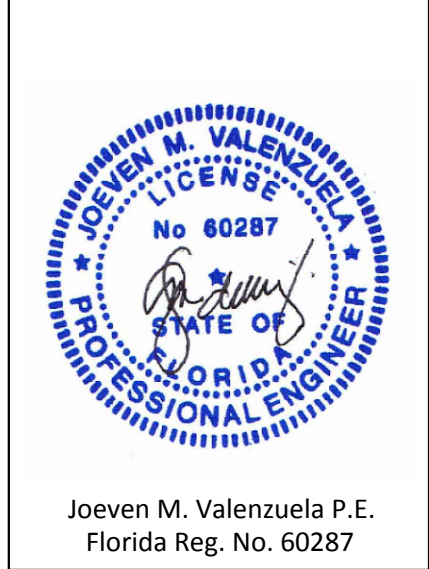
REVISIONS		BY
△	SPRAB REVIEW COMM 01-07-2022	NL
△	3 SPRAB REVIEW COMMENTS 8-2-2002	DJM



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WWW.SLATTERYARCHITECTS.COM

318 DELRAY MIXED USE

318 S.E. 5TH AVENUE
DELRAY BEACH, FLORIDA



Joven M. Valenzuela P.E.
Florida Reg. No. 60287

PHOTOMETRICS

DRAWN
DJM
CHECKED
JMV
DATE
10-18-22
SCALE
AS NOTED
JOB NO.
2021-21/220184
SHEET
PH1

△

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Associates
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A circular blue seal for a Professional Engineer in the State of Florida. The outer ring contains the text "JOVEN M. VALENZUELA" at the top and "PROFESSIONALENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom. In the center, the license number "No 60287" is printed above a handwritten signature.

PHOTOMETRICS



NOTE 1: ADVISE FINISH

NOTE 2: FIXTURE TO BE MOUNTED ON 15' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.

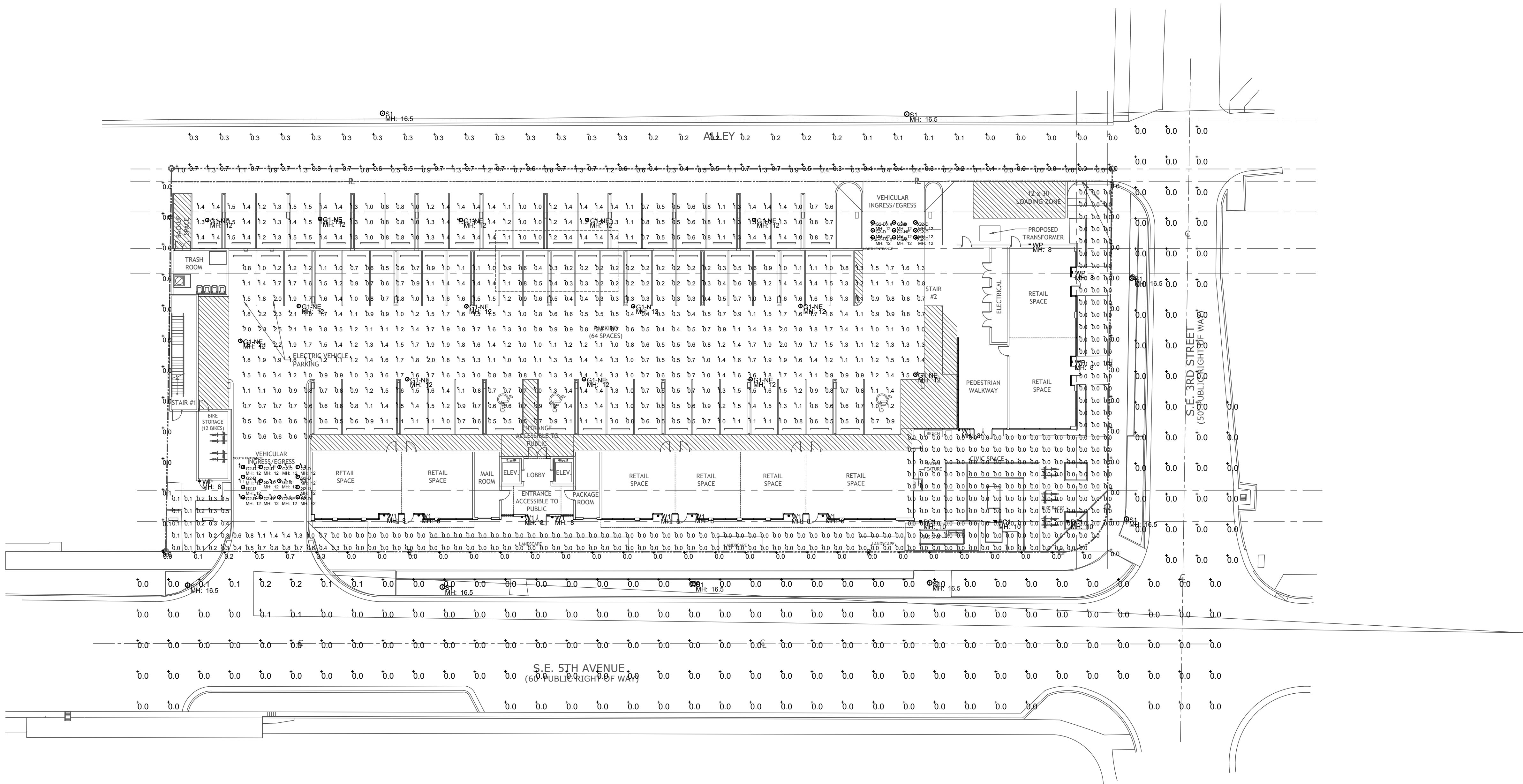
NOTE 3: FIXTURE TO BE MOUNTED ON 10' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.

FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT **RYAN HUFF** @ LIGHTING DYNAMICS - 772-285-7169: RHUFF@LIGHTINGDYNAMICS.COM

Calculation Summary						
Scene: NIGHT						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
NORTH ENTRANCE	Illuminance	Fc	7.51	9.6	5.7	1.32
PROPERTY LINE	Illuminance	Fc	0.65	3.2	0.0	N.A.
SOUTH ENTRANCE	Illuminance	Fc	5.00	9.9	2.0	2.50
PARKING AREA	Illuminance	Fc	2.61	4.9	1.1	2.37

TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, ALL AMENDMENTS AND SECTION 633 OF THE FLORIDA STATUTES.

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LEVEL 1 PHOTOMETRICS (EMERGENCY LIGHTS)

SCALE: 1"=20'-0"

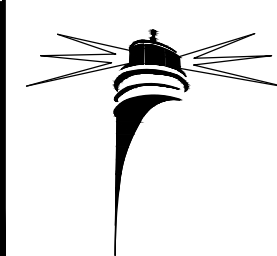
318 Delray Mixed Use								
LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	MFR	CATALOG NUMBER	VOLTS	LAMPS	WATTS	DIMMING	REMARKS
SITE								
G1	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-WQ	UNV	LED	47.2	0-10V	SURFACE
G1E	GARAGE FIXTURE WITH BATTERY BACKUP	MGRW EDISON	TT-D3-740-U-WQ-IBP	UNV	LED	47.2	0-10V	SURFACE
G2	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-CQ	UNV	LED	47.2	0-10V	SURFACE
G2E	GARAGE FIXTURE WITH BATTERY BACKUP ON PHOTOCELL	MGRW EDISON	TT-D3-740-U-CQ-IBP-SPB2	UNV	LED	47.2	0-10V	SURFACE
PC1	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-10'-120/277V	UNV	LED	54.5	NONDIM	NOTE 3
PC2	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-15'-120/277V-HSS	UNV	LED	54.5	NONDIM	NOTE 2
PC3	POLE MOUNTED POOL AREA LIGHT, TYPE 3 HIGH OUTPUT	LIGMAN	ULI-21241-T3-W30-FINISH-15'-120/277V-HSS	UNV	LED	54.5	NONDIM	NOTE 2
PW1	WALL MOUNTED POOL AREA LIGHT, TYPE 4 LOW OUTPUT	LIGMAN	ULI-30021-T4-W30-FINISH-120/277V	UNV	LED	27.7	NONDIM	WALL
WP	SLIM WALL PACK	ILP	SWP-3L-U-40-BRZ	UNV	LED	22.8	0-10V	SURFACE
W1	WALL SCNCE	LIGMAN	UTA-31861-37W-T2-W30-01-120/277	120/277	LED	37	0-10V	SURFACE
S1	SITE LIGHTING	SPRING CITY ELECTRICAL	THE DELRAY LED LUMINAIRE WITH THE CROSSFIRE GENERATION TWO LED OPTICAL SYSTEM	120-277	4000K	95	N/A	16.5'
FIXTURE SCHEDULE NOTES								
NOTE 1: ADVISE FINISH								
NOTE 2: FIXTURE TO BE MOUNTED ON 15' POLE. SPECIFICATION TBD PER FLORIDA WIND LOADING.								
NOTE 3: FIXTURE TO BE MOUNTED ON 10' POLE. SPECIFICATION TBD PER FLORIDA WIND LOADING.								
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @ LIGHTING DYNAMICS - 772-285-7169; RHUFF@LIGHTINGDYNAMICS.COM								

Photometrics Calculation Software Generated Luminaire Schedule							
Scene: EM							
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts
○	1	G1-N	SINGLE	6359	6359	0.900	47.2
○	13	G1-NE	SINGLE	6359	6359	0.900	47.2
○	21	G2-D	SINGLE	6284	6284	0.900	47.2
○	2	G2-NE	SINGLE	6284	6284	0.900	47.2
○	3	PC1	Single	4828	4828	0.900	54.5
○	8	S1	Single	9015	9015	0.900	95
○	9	W1	SINGLE	4854	4854	0.900	75.6
○	4	WP	SINGLE	3310	3310	0.900	22.8

Calculation Summary							
Scene: EM							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
NORTH ENTRANCE	Illuminance	Fc	3.15	4.0	2.4	1.31	1.67
PARKING AREAS	Illuminance	Fc	1.09	2.5	0.2	5.45	12.50
PROPERTY LINE	Illuminance	Fc	0.28	1.4	0.0	N/A	N/A
SOUTH ENTRANCE	Illuminance	Fc	2.10	4.1	0.8	2.63	5.13

LIGHT OUTPUT SUMMARY			
Scene: EM			
Label	Switched	Output	# Lums
G1-N	Off	1.00	1
G1-NE	On	0.42	13
G2-D	Off	1.00	21
G2-NE	On	0.42	2
PC1	Off	1.00	3
S1	Off	1.00	8
W1	Off	1.00	9
WP	Off	1.00	4

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△	SPRAB REVIEW COMMENTS 8-2-2022	DJM

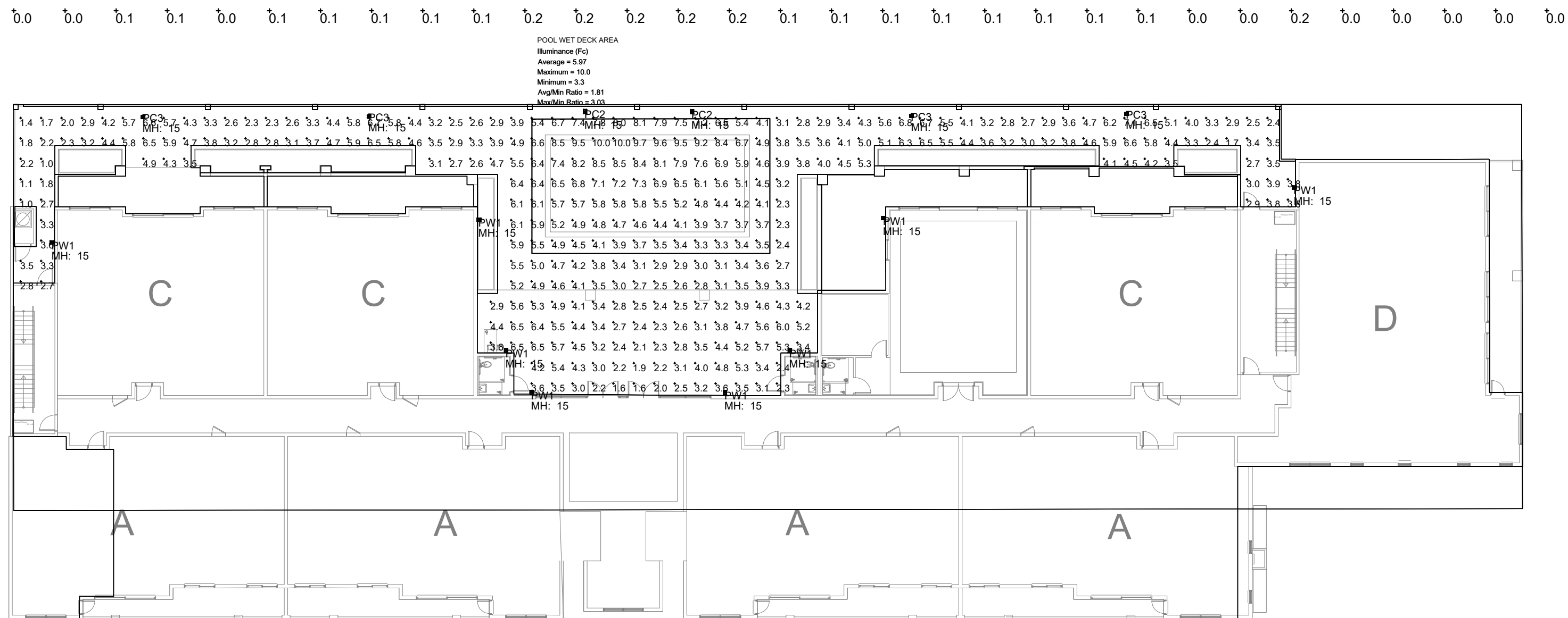
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318 DELRAY MIXED USE
318 S.E 5TH AVENUE
DELRAY BEACH, FLORIDA

JOEVEN M. VALENZUELA P.E.
Florida Reg. No. 60287

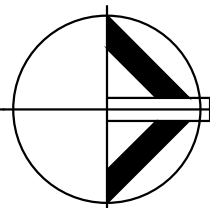
PHOTOMETRICS

DRAWN	DJM
CHECKED	JMV
DATE	10-18-22
SCALE	AS NOTED
JOB NO.	2021-21/220184
SHEET	PH3



LEVEL 1 PHOTOMETRICS (POOL DECK)

SCALE: 1"=20'-0"

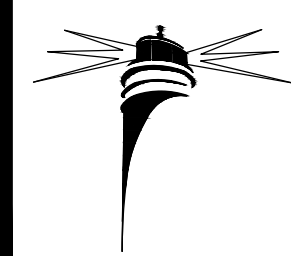


318 Delray Mixed Use									
LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	MFR	CATALOG NUMBER	VOLTS	LAMPS	WATTS	DIMMING	MOUNTING	REMARKS
SITE									
G1	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-WQ	UNV	LED	47.2	0-10V	SURFACE	
G1E	GARAGE FIXTURE WITH BATTERY BACKUP	MGRW EDISON	TT-D3-740-U-WQ-IBP	UNV	LED	47.2	0-10V	SURFACE	
G2	GARAGE FIXTURE	MGRW EDISON	TT-D3-740-U-CQ	UNV	LED	47.2	0-10V	SURFACE	
G2E	GARAGE FIXTURE WITH BATTERY BACKUP ON PHOTOCELL	MGRW EDISON	TT-D3-740-U-CQ-IBP-SPB2	UNV	LED	47.2	0-10V	SURFACE	
PC1	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-10'-120/27TV	UNV	LED	54.5	NONDIM	10' POLE	NOTE 3
PC2	SITE LIGHTING	LIGMAN	ULI-21241-T4-W30-FINISH-15'-120/27TV-HSS	UNV	LED	54.5	NONDIM	15' POLE	NOTE 2
PC3	POLE MOUNTED POOL AREA LIGHT, TYPE 3 HIGH OUTPUT	LIGMAN	ULI-21241-T3-W30-FINISH-15'-120/27TV-HSS	UNV	LED	54.5	NONDIM	15' POLE	NOTE 2
PW1	WALL MOUNTED POOL AREA LIGHT, TYPE 4 LOW OUTPUT	LIGMAN	ULI-30021-T4-W30-FINISH-120/27TV	UNV	LED	27.7	NONDIM	WALL	
WP	SLIM WALL PACK	ILP	SWP-3L-U-40-BRZ	UNV	LED	22.8	0-10V	SURFACE	
W1	WALL SCONCE	LIGMAN	UTA-31861-37W-T2-W30-01-120/277	120/277	LED	37	0-10V	SURFACE	
S1	SITE LIGHTING	SPRING CITY ELECTRICAL	THE DELRAY LED LUMINAIRE WITH THE CROSSFIRE GENERATION TWO LED OPTICAL SYSTEM	120-277	4000K	95	N/A	16.5'	
FIXTURE SCHEDULE NOTES									
NOTE 1: ADVISE FINISH									
NOTE 2: FIXTURE TO BE MOUNTED ON 15' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.									
NOTE 3: FIXTURE TO BE MOUNTED ON 10' POLE, SPECIFICATION TBD PER FLORIDA WIND LOADING.									
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @ LIGHTING DYNAMICS - 772-285-7169; RHUFF@LIGHTINGDYNAMICS.COM									

Photometrics Calculation Software Generated Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
	2	PC2	Single	2474	2474	1.863	54.5	54.5
	4	PC3	SINGLE	2112	2112	1.908	54.9	54.9
	8	PW1	Single	2957	2957	0.900	27.7	27.7

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
POOL DECK	Illuminance	Fc	4.40	10.0	1.0	4.40	10.00
Property Line	Illuminance	Fc	0.09	0.2	0.0	N.A.	N.A.
POOL WET DECK AREA	Illuminance	Fc	5.97	10.0	3.3	1.81	3.03

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DELRAY BEACH, FLORIDA



Joeven M. Valenzuela P.E.
Florida Reg. No. 60287

PHOTOMETRICS

DRAWN	DJM
CHECKED	JMV
DATE	10-18-22
SCALE	AS NOTED
JOB NO.	2021-21/220184
SHEET	PH4