



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

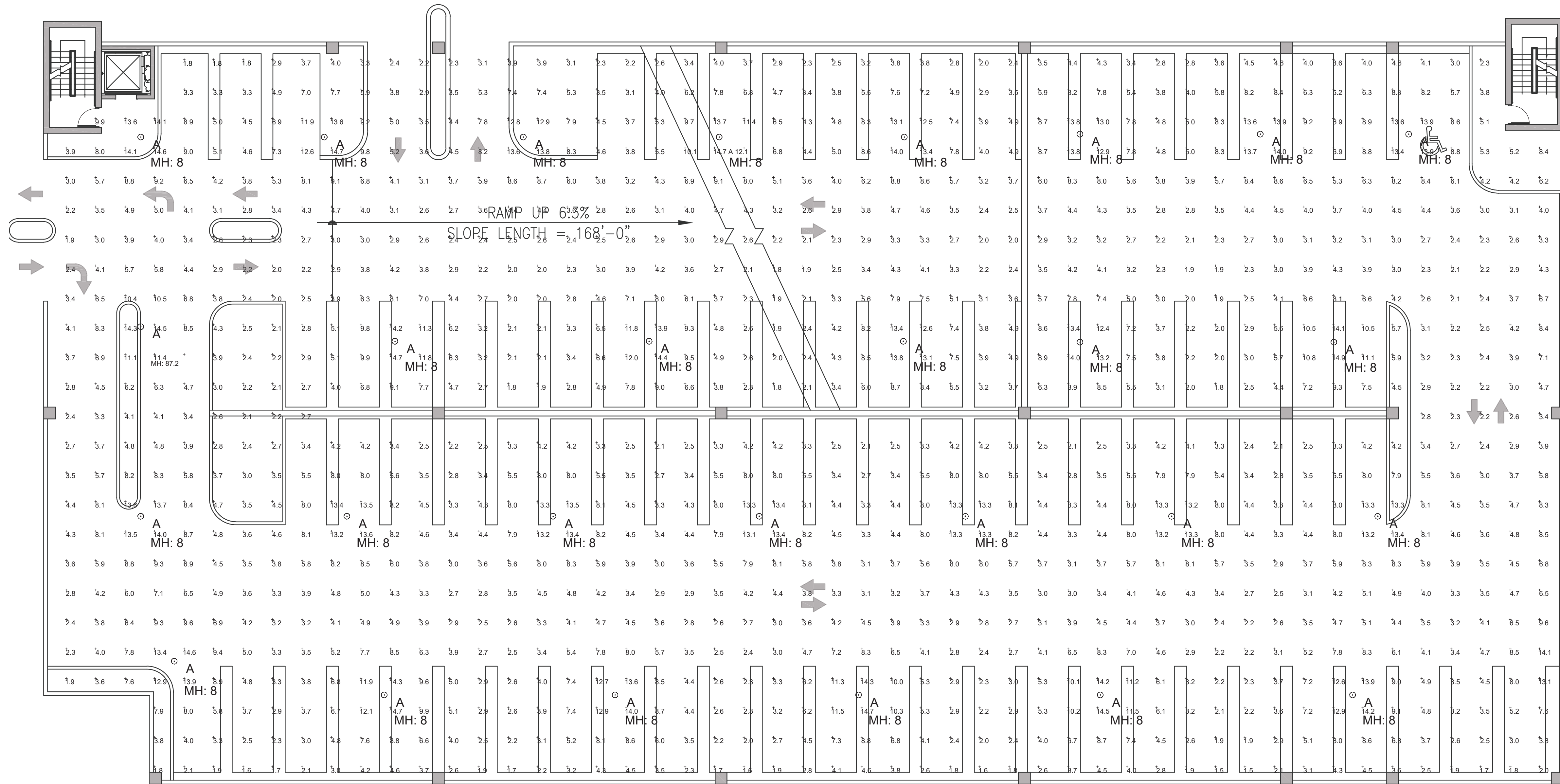
NOTES:

No.	1	PHOTOMETRIC STUDY	10/01/20
		Revision/Issue	Date

**LIGHTING DYNAMICS, INC.**  
 7835 West Commercial Blvd.  
 Tamarac, FL 33351  
 (954) 944-0286  
[www.lightingdynamics.com](http://www.lightingdynamics.com)

Project Name and Address  
**8601 ATT**  
 Ground Level - Normal Mode  
 Plantation, FL  
 FILE J:\PROJECTS\2020\SEPTEMBER  
 CLIENT CUBE3 Architects

Project	8601 ATT Plantation	Sheet	<b>L1</b>	
Date	12/07/2021	DRAWN BY		RH
Scale	3/32" = 1'			



Photometrics Calculation Software Generated Luminaire Schedule

Scene: NORMAL MODE

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
⊙	31	A	SINGLE	6124	6124	0.900	48.72	48.72

Calculation Summary

Scene: NORMAL MODE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage - Ground Floor_Floor	Illuminance	Fc	5.46	14.9	1.5	3.64	9.93

LIGHT OUTPUT SUMMARY

Scene: NORMAL MODE

Label	Switched	Output	# Lums
A	On	1.00	31

8601 ATT PLANTATION PROJECT- CUBE 3 architecture   interiors   planning																	
PICTURE/URL LINK	TYPE	PHASE	DESCRIPTION	MFR	PART NUMBER	LAMPING	SOURCE	COLOR TEMP	LOAD	LUMENS	CONTROL SIGNAL	LOCATION	NOTES (BIM would fall under our "Customer" notes)	BUDGET (BIM would fall under "BIM")	QTY	Ext 1	LINK TO CUTSHEET
	A	ONE	RPGC Round Parking Garage and Canopy LED	LUXARK	RPGC25-HS/DNA-L20	LED	4000K	60W / UNV	7811			SURFACE CANOPY LIGHTING	For HS sensors, the factory preset is OFF 0-10V dimming. 120V-277V, 50/60 Hz or 347V/160 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/images/specsheets/sumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/images/specsheets/sumark-rpgc-parking-garage-canopy-spec.pdf</a>
	A-E INVERTER	ONE	RPGC Round Parking Garage and Canopy LED	LUXARK	RPGC25-HS/DNA-L20	LED	4000K	60W / UNV	7811			SURFACE CANOPY LIGHTING	For HS sensors, the factory preset is OFF 0-10V dimming. 120V-277V, 50/60 Hz or 347V/160 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/images/specsheets/sumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/images/specsheets/sumark-rpgc-parking-garage-canopy-spec.pdf</a>

NOTICE: CONTRACTOR WILL BE RESPONSIBLE FOR FITTING FIXTURES IN THE FIELD.  
 NOTES: SPECIFIC LIGHTING FIXTURES, SELECTED BY TYPE, PHOTOMETRIC PERFORMANCE, LIGHTING PATTERN, AND LUMEN OUTPUT, WERE USED IN THE ILLUMINATION DESIGN TO PRODUCE THE REQUIRED EFFECT AND ILLUMINATION. SUBSTITUTION OF THE LIGHT FIXTURES WILL RESULT IN DIFFERENT RESULTS.  
 NOTICE: THE ABOVE FIXTURE SCHEDULES REPRESENT THE BEST PERFORMANCE. SPECIFICATIONS ARE ASSIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ANY ALTERNATIVE SELECTIONS MUST BE APPROVED BY THE ARCHITECT FOR THE PROJECT. (FOR THE ARCHITECT'S INFORMATION, THE ARCHITECT'S DATE SHOULD BE DATE OF THE DATE SHEET).  
 NOTICE: IF THERE IS A DISCREPANCY BETWEEN A FIXTURE DESCRIPTION AND GENERAL NOTES, AND THE GENERAL NOTES LISTED THE FIXTURE DESCRIPTION AND GENERAL NOTES SHALL PREVAIL.  
 NOTICE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL FIELD CONDITIONS (FIXTURES DEFINED ON THE ARCHITECTURAL DRAWINGS AND FIXTURES) ALL LUMINAIRES WITH THE CORRECT MODELING CODES (ON/OFF) AND NOT SHOWING NONE ARE INDICATED IN THE LUMINAIRE SCHEDULE.  
 NOTICE: ALL LUMINAIRES SHALL BEAT THE ILLUMINANCE FROM A NATIONALLY RECOGNIZED TESTING LABORATORY.  
 NOTICE: FIXTURES ON SCHEMATIC DRAWINGS ARE IN 2021 CY.

FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE, PLEASE CONTACT LEENA WALKER @ LIGHTING DYNAMICS (954) 944-0286



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

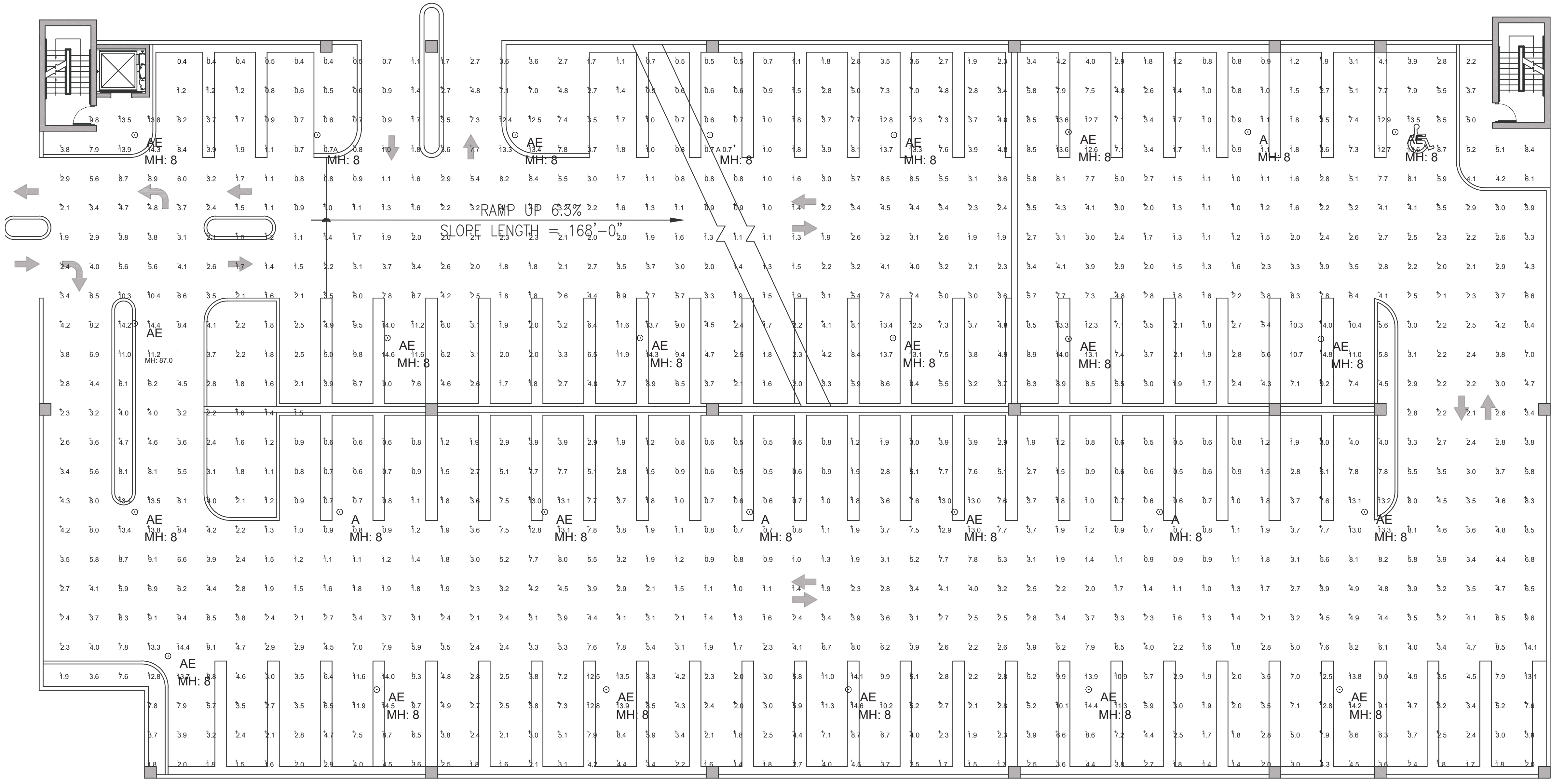
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Project Name and Address  
**8601 ATT**  
 Ground Level - Emergency Mode  
 Plantation, FL

FILE: J:\PROJECTS\2020\SEPTEMBER  
 CLIENT: CUBE3 Architects

Project: 8601 ATT Plantation  
 Date: 12/07/2021  
 Scale: 3/32" = 1'  
 Sheet: **L1E**  
 DRAWN BY: RH



Photometrics Calculation Software Generated Luminaire Schedule

Scene: EM MODE

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
	6	A	SINGLE	6124	6124	0.900	48.72	48.72
	25	AE	SINGLE	6124	6124	0.900	48.72	48.72

Calculation Summary

Scene: EM MODE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage - Ground Floor_Floor	Illuminance	Fc	4.37	14.8	0.4	10.93	37.00

LIGHT OUTPUT SUMMARY

Scene: EM MODE

Label	Switched	Output	# Lums
A	Off	1.00	6
AE	On	1.00	25

8601 ATT PLANTATION PROJECT- CUBE 3 architecture   interiors   planning															
PICTURE/CLIP LINK	TYPE	PHASE	DESCRIPTION	MFR	PART NUMBER	LAMPING			CONTROL SIGNAL	LOCATION	NOTES (this would fall under our "Customer" column)	BUDGET (this would transfer to set 1)	QTY	Ext 5	LINK TO CUTSHEET
						SOURCE	COLOR TEMP	LOAD							
	A	ONE	RPGC Round Parking Garage and Canopy LED	LUMARK	RPGC25-HS/DM-L20	LED	4000K	60W / UHV	7811	SURFACE CANYOPY LIGHTING	For HS sensors, the factory preset is OFF - 0-10V dimming. 120V-277V, 50/60 Hz or 30V/48 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf</a>
	A-E INVERTER	ONE	RPGC Round Parking Garage and Canopy LED	LUMARK	RPGC25-HS/DM-L20	LED	4000K	60W / UHV	7811	Motion Sensor for Dimming Operation, 9'-20' Mounting Height	For HS sensors, the factory preset is OFF - 0-10V dimming. 120V-277V, 50/60 Hz or 30V/48 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf</a>

NOTES:  
 CONTRACTOR WILL BE RESPONSIBLE FOR HOT TAP/FIXTURES IN THE FIELD.  
 NOTES: SPECIFIC LIGHTING FIXTURES, SELECTED BY TYPE, PHOTOMETRIC PERFORMANCE, LIGHTING PATTERN AND LUMEN OUTPUT, WERE USED IN THE ILLUMINATION DESIGN TO PRODUCE THE REQUIRED EFFECT AND ILLUMINATION. SUBSTITUTION OF THE LIGHT FIXTURE WILL RESULT IN DIFFERENT RESULTS.  
 NOTES: THE ABOVE FIXTURE SCHEDULES PRESENT PERFORMANCE, SELECTIONS AND ARE DESIGNED TO MEET CERTAIN ARCHITECTURAL OR OTHER. ANY ALTERNATIVE SELECTIONS MUST SUBMIT THE FOLLOWING TO THE ARCHITECT FOR APPROVAL PRIOR TO ANY DESIGN.  
 NOTES: IF THERE IS A DISCREPANCY BETWEEN A FIXTURE'S APPROVED AND GENERAL NOTES, THE FIXTURE'S APPROVED AND GENERAL NOTES SHALL PREVAIL.  
 NOTES: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL DESIGN CONSTRUCTION TYPE AS DERIVED ON THE ARCHITECTURAL DRAWINGS AND CONFORM ALL LUMINAIRES WITH THE CORRECT MOUNTING DEVICES WHETHER OR NOT SUCH VARIATIONS ARE INDICATED IN THE LUMINAIRE CATALOG.  
 NOTES: ALL LUMINAIRES SHALL BE THE ILLUMINANCE DESIGNER'S NATIONALLY RECOGNIZED TESTING LABORATORY.  
 NOTES: FIXTURES ON SCENE IN VECTOR # 35-25-1X.  
 FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT LESIA KANA @ LIGHTING DYNAMICS (954) 944-0286



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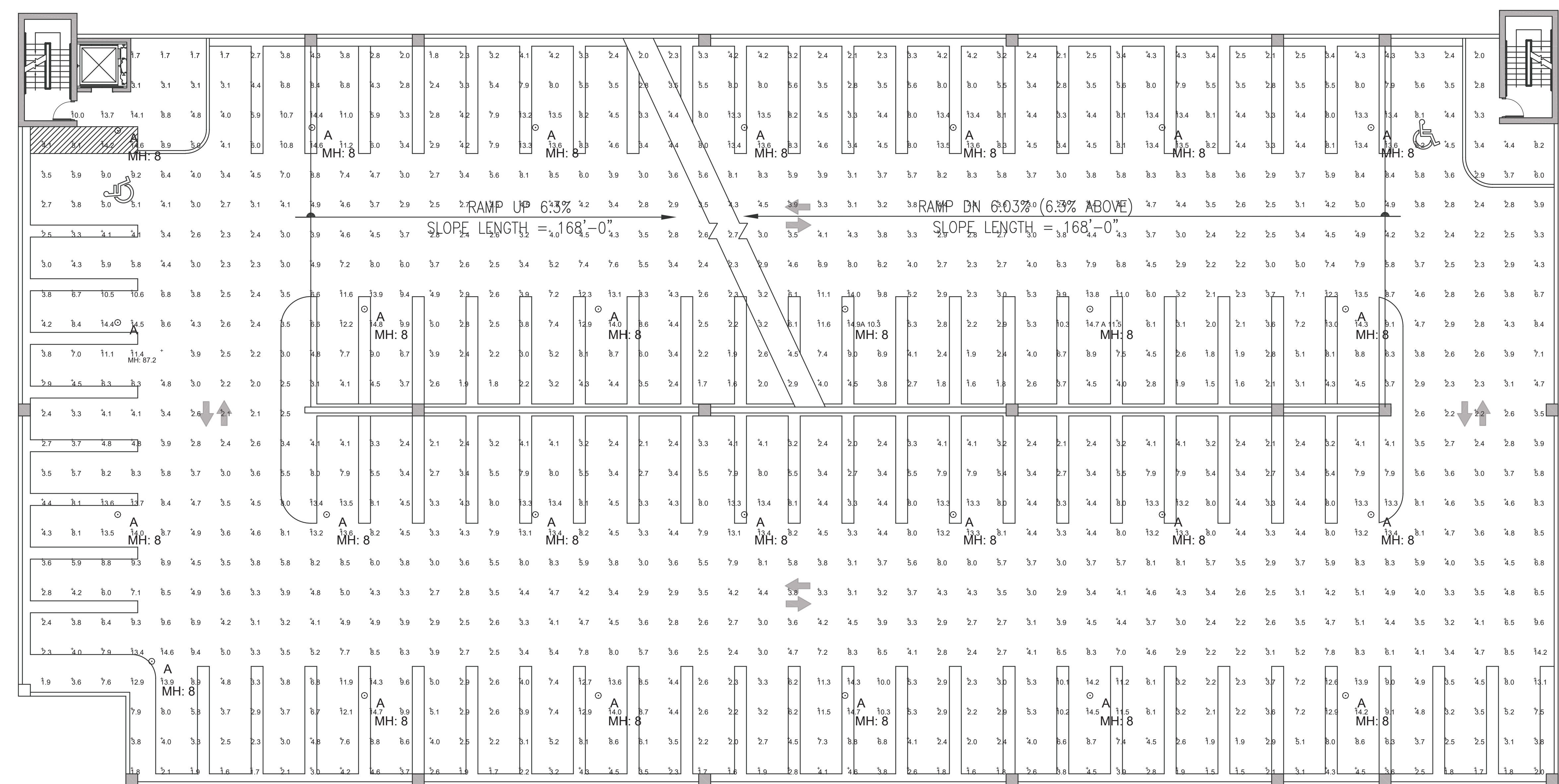
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Project Name and Address  
**8601 ATT**  
 Garage Typical - Normal Mode  
 Plantation, FL  
 FILE: J:\PROJECTS\2020\SEPTEMBER  
 CLIENT: CUBE3 Architects

Project: 8601 ATT Plantation  
 Date: 12/07/2021  
 Scale: 3/32" = 1'  
 Sheet: **L2**  
 DRAWN BY: RH



Photometrics Calculation Software Generated Luminaire Schedule

Scene: NORMAL MODE

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
⊙	30	A	SINGLE	6124	6124	0.900	48.72	48.72

Calculation Summary

Scene: NORMAL MODE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage - Typical_Floor	Illuminance	Fc	5.39	14.9	1.5	3.59	9.93

LIGHT OUTPUT SUMMARY

Scene: NORMAL MODE

Label	Switched	Output	# Lums
A	On	1.00	30

8601 ATT PLANTATION PROJECT- CUBE 3 architecture | interiors | planning

PICTURE OR LINK	TYPE	PRICE	DESCRIPTION	MFR	PART NUMBER	LAMPING			CONTROL SIGNAL	LOCATION	NOTES (this was not part of our "customer" scope)	EQUIP (this was not part of our "customer" scope)	QTY	Ext 1	LINK TO CATALOG
						SOURCE	COLOR TEMP	LOAD							
	A	ONE	RPGC Round Parking Garage and Canopy LED	LUMARK	RPGC25-HS/DIM-L20	LED	4000K	60W / UNV	7811	SURFACE CANYON LIGHTING	For HS sensors, the factory preset is OFF - 0-10V dimming. 120V-277V, 50/60 Hz or 30V/60 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max. output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/order-items.aspx?sheet=umark-rpgc-parking-garage-canyo-spec.pdf">https://www.cooperlighting.com/order-items.aspx?sheet=umark-rpgc-parking-garage-canyo-spec.pdf</a>
	A/E INVERTER	ONE	RPGC Round Parking Garage and Canopy LED	LUMARK	RPGC25-HS/DIM-L20	LED	4000K	60W / UNV	7811	SURFACE CANYON LIGHTING	For HS sensors, the factory preset is OFF - 0-10V dimming. 120V-277V, 50/60 Hz or 30V/60 Hz. Integrated selectable lumen switch allows installer to easily toggle between three different lumen outputs. Factory preset is max. output. Fixture photometrics are set to position 1 (medium output).				<a href="https://www.cooperlighting.com/order-items.aspx?sheet=umark-rpgc-parking-garage-canyo-spec.pdf">https://www.cooperlighting.com/order-items.aspx?sheet=umark-rpgc-parking-garage-canyo-spec.pdf</a>

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 NOTES: THE ABOVE FIXTURE SCHEDULES PRESENTED SYSTEM PERFORMANCE, DIMENSIONS, AND ARE DESIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ANY ALTERNATIVE SELECTIONS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO PROCEEDING TO ORDER.  
 NOTES: IF THERE IS A DISCREPANCY BETWEEN A FIXTURE DESCRIPTION AND GENERAL NOTES, THE FIXTURE DESCRIPTION AND GENERAL NOTES SHALL PREVAIL.  
 NOTES: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL FIELD CONDITIONS (TYPE AND SIZE) OF THE ARCHITECTURAL DRAWINGS AND FIXTURES WITH THE CORRECT MOUNTING DEVICES (WHETHER OR NOT SUCH DEVICES ARE INDICATED IN THE LUMINAIRE CATALOG).  
 NOTES: ALL LUMINAIRE SHALL BEAR THEIR IDENTIFICATION NUMBERS FROM A NATIONALLY RECOGNIZED TESTING LABORATORY.  
 NOTES: FIXTURES ON SCHEDULES ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
 FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE, PLEASE CONTACT: LISA MARA @ LIGHTING DYNAMICS (954) 944-0286



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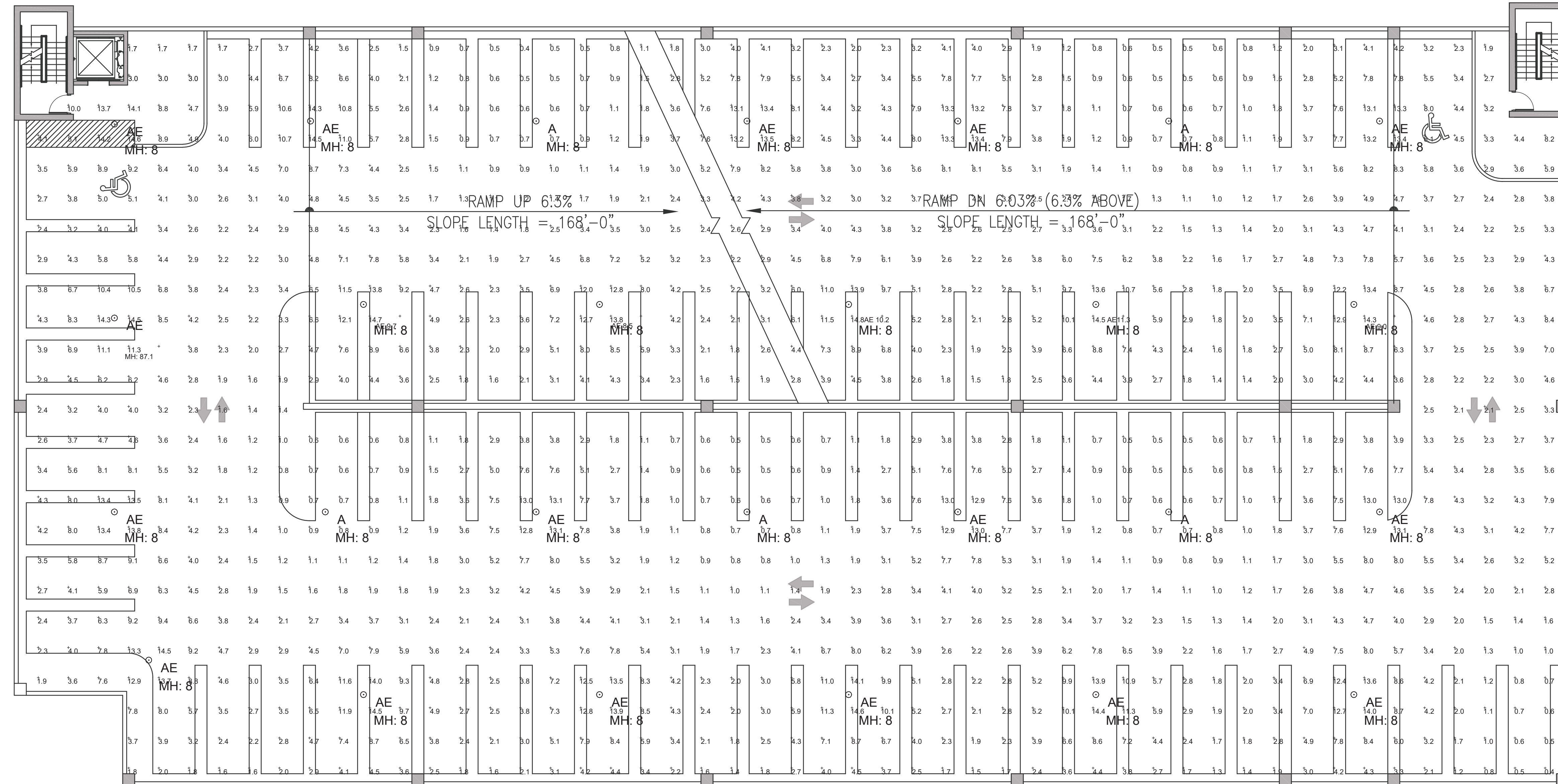
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Project Name and Address  
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 Garage Typical - EM Mode  
 Plantation, FL

FILE: J:\PROJECTS\2020\SEPTEMBER  
 CLIENT: CUBE3 Architects

Project: 8601 ATT Plantation  
 Date: 12/07/2021  
 Scale: 3/32" = 1'  
 Sheet: **L2E**  
 DRAWN BY: RH



Photometrics Calculation Software Generated Luminaire Schedule  
 Scene: EM MODE

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
⊙	6	A	SINGLE	6124	6124	0.900	48.72	48.72
⊖	24	AE	SINGLE	6124	6124	0.900	48.72	48.72

Calculation Summary  
 Scene: EM MODE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage - Typical_Floor	Illuminance	Fc	4.32	14.8	0.4	10.80	37.00

LIGHT OUTPUT SUMMARY  
 Scene: EM MODE

Label	Switched	Output	# Lums
A	Off	1.00	6
AE	On	1.00	24

8601 ATT PLANTATION PROJECT- CUBE 3 architecture | interiors | planning

PICTURE/SYMBOL	TYPE	PHASE	DESCRIPTION	MFR	PART NUMBER	LAMPING			CONTROL SIGNAL	LOCATION	NOTES (this is used fall under our "customer notes")	BUDGET (this is used translate to \$/ft²)	QTY	EVS	LINK TO CUTSHEET
						SOURCE	COLOR TEMP	LOAD							
	A	ONE	RFGC Round Parking Garage and Canopy LED	LUMARK	RFGC25-HS/DBH-L20	LED	4000K	60W/1 UNW	7811	Motion Sensor for Dimming Operation, 9" / 20" Mounting Height	SURFACE CANYOPY LIGHTING				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/images/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/images/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf</a>
	A-E INVERTER	ONE	RFGC Round Parking Garage and Canopy LED	LUMARK	RFGC25-HS/DBH-L20	LED	4000K	60W/1 UNW	7811	Motion Sensor for Dimming Operation, 9" / 20" Mounting Height	SURFACE CANYOPY LIGHTING				<a href="https://www.cooperlighting.com/content/dam/cooperlighting/images/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf">https://www.cooperlighting.com/content/dam/cooperlighting/images/spec-sheets/lumark-rpgc-parking-garage-canopy-spec.pdf</a>

NOTES:  
 NOTE1: CONSTRUCTIONAL BE RESPONSIBLE FOR FITTING FIXTURES IN THE FIELD.  
 NOTE2: SPECIFIC LIGHTING FIXTURES, SUBJECT TO TYPE, PHOTO-METRIC PERFORMANCE, LIGHTING PATTERN, AND LUMEN OUTPUT, WERE USED IN THE LUMINATION DESIGN TO PRODUCE THE REQUIRED EFFECT AND ILLUMINATION. SUBSTITUTION OF THE LIGHT FIXTURES WILL RESULT IN DIFFERENT RESULTS.  
 NOTE3: THE ABOVE FIXTURE SCHEDULE IS PREDICTED PERFORMANCE. SIZE, LOCATION, AND IS DESIGNED TO MEET OR EXCEED THE REQUIREMENTS. ANY ALTERATIONS TO THE SCHEDULE WILL AFFECT THE FOLLOWING TO THE EXTENT OF THE ARCHITECT'S PROFESSIONAL OPINION. THE DATA IS SUBJECT TO CHANGE.  
 NOTE4: IF THERE IS A DISCREPANCY BETWEEN A FIXTURE DESCRIPTION AND SERIAL NUMBER, THE SERIAL NUMBER LISTED IN THE FIXTURE DESCRIPTION AND SERIAL NUMBER SHALL GOVERN.  
 NOTE5: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL FIELD CONDITIONS AND TO CORRECT ANY DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT LOCATION, HEIGHT, AND/OR SPACING OF THE FIXTURES AS SHOWN ON THE DRAWINGS.  
 NOTE6: ALL LUMINAIRES SHALL BEAR THE ILLUMINANCE NUMBER FROM A NATIONALLY RECOGNIZED TESTING LABORATORY.  
 NOTE7: FIXTURES ON SCALE DRAWINGS ARE TO BE USED AS A GUIDE ONLY.  
 FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT LEIDA MARQUEZ @ LIGHTING DYNAMICS (PH) 861-7622