IGHTII	NG FIXTURES	POWER	DISTRIBUTION	
			120/208V PANELBOARD, RECESSED	
¢	POST LED		120/208V PANELBOARD, SURFACE MOUNT	
·			277/480V PANELBOARD, SURFACE MOUNT	
			277/480V PANELBOARD, RECESSED	
		\frown	FEEDER OR BRANCH CIRCUIT CONCEALED IN WALL, CEILING OR FLOOR	
WER	DEVICES	1R1-1	HOMERUN CONSISTING OF ONE SINGLE-PHASE, 1-POLE CIRCUIT, SEE SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.	
PB	PULL BOX	1111 1:2	HOMERUN CONSISTING OF ONE SINGLE-PHASE, 2-P0LE	
SPD	SURGE PROTECTION DEVICE, SEE SPECIFICATIONS.	1111-1.3	CIRCUIT: SEE SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND	
J	JUNCTION BOX		CIRCUIT DESIGNATIONS ARE INDICATED.	
WP UH	WALL MOUNTED/WEATHER PROOF JUNCTION BOX	1R1-1,3	HOMERUN CONSISTING OF TWO SINGLE-PHASE CIRCUITS: SEE SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.	
CELLA	NEOUS SYMBOL LEGEND	101125	HOMERUN CONSISTING OF THREE SINGLE-PHASE CIRCUITS:	
-		IRI-1,3,5	WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.	
1^{200} SCALE:		111-1-3-5	HOMERUN CONSISTING OF ONE THREE-PHASE CIRCUITS:	
E200	SHEET NUMBER WHERE DETAIL IS REFERENCED ADDITIONAL SHEET REFERENCES	1011-1.0.0	SEE SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.	
**	DETAIL NUMBER	\frown	OVERHEAD BRANCH CIRCUIT	
XX.XX			UNDERGROUND BRANCH CIRCUIT	:

ABBREVIATIONS

А	AMPERES	EXIST
AE	AUDIO ENHANCEMENT	EXP
AFC	ABOVE FINISHED CEILING	FA
AFF	ABOVE FINISHED FLOOR	FLA
AFG	ABOVE FINISHED GRADE	FLUOR
AIC	AMPERES INTERUPTING CAPACITY	GFCI
AL	ALUMINUM	GEP
AWG	AMERICAN WIRE GAUGE	GND
BFC	BELOW FINISHED CEILING	HGT
BFG	BELOW FINISHED GRADE	HID
С	CONDUIT	HPS
CAB	CABINET	HOA
CKT	CIRCUIT	HP
CLG	CEILING	HVAC
CL	CENTERLINE	
CT's	CURRENT TRANSFORMERS	HV
CU	COPPER	INC
DISC	DISCONNECT(ING)	JB
DWG	DRAWING(S)	kV
EA		kVA
ECB	ENCLOSED CIRCUIT BREAKER	kVAR
		kW
		kWH
		LTG
		m
		mm
		MAX

EXISTING EXPLOSION PROOF FIRE ALARM FULL LOAD AMPERES FLUORESCENT GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT PROTECTION GROUND HEIGHT HIGH INTENSITY DISCHARGE HIGH PRESSURE SODIUM HAND-OFF-AUTOMATIC HORSEPOWER HEATING/VENTILATING/ AIR CONDITIONING HIGH VOLTAGE INCANDESCENT JUNCTION BOX KILO-VOLTS KILO-VOLTS KILO-VOLTS-AMPERES KILO-VOLTS-AMPERES KILO-WATTS KILO-WATTS LIGHTING METER MILLIMETER	MCB MCC MFR MH MIN MISC MTG NAC NL PNL PSI PVC RGS SPD TEL TYP UON V VA VFD W WP
MILLIMETER MAXIMUM	WP
	XFMR

ICC	MOTOR CONTROL CENTER
ICP	MOTOR CIRCUIT PROTECTOR
IFR	MANUFACTURER
IH	METAL HALIDE
IN	MINIMUM
ISC	MISCELLANEOUS
MS	MANUAL MOTOR STARTER SWITCH
TR	MOTOR
ITD	MOUNTED
TG	MOUNTING
AC	NOTIFICATION APPLIANCE CIRCUIT
EC	NATIONAL ELECTRICAL CODE
L	NIGHT LIGHT, UNSWITCHED
NL	PANEL
SI	PULL STATION INSIDE
VC	POLYVINYL CHLORIDE
EC	RECEPTACLE
GS	RIGID GALVANIZED STEEL
PD	SURGE PROTECTION DEVICE
EL	TELEPHONE
YP	TYPICAL
ON	UNLESS OTHERWISE NOTED
	VOLTS
A	VOLT-AMPERES
FD	VARIABLE FREQUENCY DRIVE
/	WATTS
/P	WEATHER PROOF

TRANSFORMER

MAIN CIRCUIT BREAKER

SCOPE OF WORK

THE OBJECTIVES OF THIS PROJECT AS IDENTIFIED ON THE DRAWINGS, INCLUDES:

- 1. PROVIDE NEW WALKWAY LIGHTING FIXTURES WITH ITS RESPECTFUL POLES AND BASE FOR THE NEW SHARED PATHWAY ADDED IN THE PROJECT.
- 2. PROVIDE UNDERGROUND CONDUIT AND WIRE FOR ALL NEW LOADS ADDED TO THE PROJECT.
- 3. PROVIDE NEW ELECTRICAL DISTRIBUTION FOR ALL NEW LOADS ON THE PROJECT.
- PROVIDE UNDERGROUND CONDUIT AND JUNCTION BOXES FOR FUTURE CCTV.

THIS IS A BRIEF DESCRIPTION OF THE SCOPE OF WORK AND IS NOT ALL INCLUSIVE AND IS COMPLIMENTED BY THE SET OF CONSTRUCTION DOCUMENTS.



1701 MERIDIAN AVENUE, MIAMI BEACH, FL.33139

CHASE AVENUE AND W 34TH STREET PATH

CITY OF MIAMI BEACH, FL

GENERAL NOTES:

ALL ELECTRICAL WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH ALL OVERNING CODES AND STANDARDS. THIS SHALL INCLUDE BUT NOT BE IMITED TO THE FOLLOWING:

- A. NFPA 70 NATIONAL ELECTRICAL CODE (2017 EDITION)
- B. FLORIDA BUILDING CODE (SEVENTH EDITION 2020)
- C. NFPA 72 NATIONAL FIRE CODE (2016 EDITION) D. FLORIDA FIRE PREVENTION CODE (SEVENTH EDITION 2020)
- E. LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION

HE CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THIS WORK SHALL ECOME THOROUGHLY FAMILIAR WITH THE PROJECT SPECIFICATIONS EFORE COMMENCING ANY WORK. THE PROJECT SPECIFICATIONS AND RAWINGS FORM THE BASIS OF THIS CONTRACT REQUIREMENTS AND ICLUDE THE TYPE AND GRADE OF MATERIALS TO BE INSTALLED. QUIPMENT TO BE FURNISHED, THE MANNER BY WHICH TO BE INSTALLED ND WHERE TO BE LOCATED. IN THE EVENT OF A CONFLICT BETWEEN THE PROJECT SPECIFICATIONS AND DRAWINGS, ASSUME THE MOST STRINGENT ND/OR COSTLY REQUIREMENT APPLIES.

HE CONTRACTOR SHALL CONSULT ALL TRADES FURNISHING EQUIPMENT ND OBTAIN FROM THEM ALL DATA PERTAINING TO FURNISHED EQUIPMENT. THE CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING, DISCONNECT WITCHES. AND ASSOCIATED HARDWARE AS REQUIRED FOR COMPLETE AND PERATING SYSTEMS. COORDINATE AND INSTALL CONDUIT AND BOXES TO LEAR EMBEDDED DUCTS, OPENINGS AND OTHER STRUCTURAL FEATURES.

HERE THE CONTRACTOR DETERMINES THAT HIS SYSTEM WILL REQUIRE ADDITIONAL 120VAC POWER SUPPLIES IN LOCATIONS OTHER THAT SHOWN ON THE DRAWINGS AND IN THE BOOK SPECIFICATIONS, HE SHALL OORDINATE THESE REQUIREMENTS FOR ADDITIONAL POWER AND ALL COSTS FOR NEW BREAKERS, CONDUIT, WIRE, SURGE SUPPRESSORS AND NY OTHER REQUIREMENTS SHALL BE INCLUDED IN THIS CONTRACTORS

QUIPMENT LABELS AND INSTRUCTIONS REGARDING THE APPLICATION AND NSTALLATION OF THE LISTED EQUIPMENT SHALL BE FOLLOWED TO INSURE HAT THE EQUIPMENT IS BEING INSTALLED IN ACCORDANCE WITH THE IANUFACTURER'S LISTING INSTRUCTIONS. THE TEMPERATURE RATING OF THE EQUIPMENT TERMINATIONS MUST BE CAREFULLY CORRELATED WITH HE CONDUCTOR AMPACITY TO PREVENT OVERHEATING AND PREMATURE FAILURE.

THE BUSINESS OPERATION OF THE BUILDING SHALL NOT BE DISRUPTED DURING THE EXECUTION OF THIS WORK WITHOUT PRIOR NOTIFICATION AND APPROVAL BY THE OWNER.

ALL EXISTING ITEMS DESIGNATED TO REMAIN, SUCH AS LIGHTING FIXTURES, OUTLETS, SWITCHES, FIRE ALARM DEVICES, ETC. THAT ARE IN CONFLICT WITH NEW CEILING OR WALLS, SHOULD BE RELOCATED AND LEFT IN OPERATION. CONTRACTOR TO WALK THE SITE AND BECOME FAMILIAR WITH 14. RELOCATION OF EXISTING DEVICES PRIOR TO CONSTRUCTION.

WHERE CIRCUITS ARE INDICATED TO BE INSTALLED IN EXISTING PANELS, VERIFY ACTUAL SPARES OR SPACES IN SAID PANELBOARDS AND USE THE

SPARE DEVICES OR FURNISH NEW CIRCUIT BREAKERS AS INDICATED ON THE DRAWINGS.

- WHERE THE CONTRACTOR PROPOSES ALTERNATE SOLUTIONS, DIFFERENT 16. CONDUIT RUNS SHOWN ON 9. ROUTINGS OF CONDUIT, DIFFERENT LOCATIONS OF EQUIPMENT, ETC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE RAMIFICATIONS OF THE PROPOSED CHANGE THAT ARE NOT INCLUDED IN HIS PROPOSAL, BUT BECOME APPARENT AT A LATER DATE, AND SHALL BEAR THE CONSEQUENCES OF CORRECTING ANY AND ALL CONFLICTS, DEFICIENCIES OR OTHER PROBLEMS AT NO INCREASE IN COST OR INCREASE IN CONSTRUCTION TIME ALLOTTED.
- 10. THE CONTRACTOR SHALL INCLUDE IN HIS SCOPE; (1) THE LABOR AND MATERIALS REQUIRED FOR CREATING OPENINGS FOR CONDUIT PENETRATIONS THROUGH WALLS, SLABS AND ROOF STRUCTURES; AS WELL AS THE SEALING OF THESE PENETRATIONS; (2) THE ROUTING OF CONDUITS AROUND INPENETRATABLE OBSTACLES, SUCH AS POURED-IN-PLACE BEAMS, COLUMNS, LINTELS AND SIMILAR OBSTRUCTIONS AND; (3) THE SEALING OF PENETRATIONS OF CONDUITS INTO WHICH NEW WIRE IS PULLED AS A PART 19. THE INSTALLATION OF ALL D OF THIS PROJECT, TO INCLUDE FIREPROOFING WHERE NECESSARY.
- 11. IF THE INTENT OF THE ENGINEER WITH REGARD TO ANY DETAIL IS NOT CLEAR, OR IS CAPABLE OF MORE THAN ONE INTERPRETATION, SUCH MATTERS SHALL BE BROUGHT TO THE ENGINEER IN WRITING BEFORE THE SUBMISSION OF BIDS. AND THE ENGINEER SHALL ISSUE CORRECTION OR CLARIFICATION IN WRITING. OTHERWISE, NO EXTRA COSTS OR EXTENSIONS OF TIME WILL BE BE ALLOWED FOR THE WORK OR MATERIAL THAT THE A/E WILL REQUIRE, PROVIDED THAT IT COMES WITHIN A REASONABLE INTERPRETATION OF THE DRAWINGS AND SPECIFICATIONS.
- 12. NO WIRING SHALL BE DONE PRIOR TO THE CONTRACTOR'S REVIEW OF THE PROJECT EQUIPMENT SHOP DRAWINGS AND COORDINATION WITH THE DESIGN DOCUMENTS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER ATTENTION FOR FINAL RESOLUTION. WORK THAT HAS TO BE REPLACED DUE TO LACK OF PROPER SHOP DRAWINGS CO-ORDINATION SHALL BE DONE AT CONTRACTORS EXPENSE
- EXISTING SYSTEMS SHOWN ARE BASED ON VISUAL INSPECTION AND 13. EXISTING DRAWINGS, BUT THEY MAY NOT REFLECT THE ACTUAL CONDITIONS IN EVERY CASE. THE CONTRACTOR SHALL INSPECT THE SITE 26. PROVIDE SHOP DRAWINGS AND EXAMINE THE WORK BEFORE SUBMITTING HIS PROPOSAL. THE CONTRACTOR SHALL NOTE THE LOCATION OF EXISTING FACILITIES, THE EXTENT OF HIS WORK, AND INTERFERENCE BY OTHER TRADES WITH HIS WORK. ANY DISCREPANCIES SHOULD BE DISCUSSED WITH THE ENGINEER. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
- FIRESTOP ALL PENETRATIONS (MADE BY THIS CONTRACTOR) THROUGH FIRE-RATED WALLS, FLOORS AND CEILINGS.
- 15. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING RELATED TO THIS CONTRACTOR'S WORK. PATCH ALL UNUSED

LIGHTING FIXTURE SCHEDULE						
DESCRIPTION	DESIGN SELECTION	VOLTS	LAMPS/FIXTURE	INPUT WATTAGE	CONTROLS	NOTE
POST TOP LED LIGHT POLE WITH CONCRETE BASE.	SPRING CITY ALMALN-M1-LED070-EVX-2G3-HSS-40-CR3- YCLO-RAL7047 OR APPROVED EQUAL	UNV	LED	70W	ON = DUSK OFF = DAWN DIM 20% AND OCC = 10:00PM-6:00PM	

ALL FIXTURES SHALL HAVE MINIMUM 80 CRI. ALL FIXTURES SHALL BE LABELED WITH MAXIMUM ALLOWABLE WATTAGE. MAXIMUM IS THE WATTAGE OF LAMP AS SHOWN IN SCHEDULE. ALL FIXTURES, WHETHER STANDARD OR NOT, REQUIRE LISTING BY A NATIONALLY RECOGNIZED TESTING LABORATORY

WHEN FIXTURE MODEL DIFFERS FROM FIXTURE DESCRIPTION. THEN THE FIXTURE DESCRIPTION SHALL GOVERN. ALL EXISITING AND NEW FIXTURES TO BE PROVIDED WITH INLINE FUSES AND SURGE PROTECTOR DEVICES.

CONTROLS SHALL BE FIELD TESTED BY CONTROLS MANUFACTURER AND ADJUSTED AS NEEDED FOR OPTIMAL SAFETY.

ON REFERS TO WHEN THE LIGHTS ARE TO BE ILLUMINATED. OFF REFERS TO WHEN THE LIGHTS ARE TO NOT PROVIDE ILLUMINATION BUT REMAIN ENERGIZED.

DIM REFERS TO WHEN THE LIGHTS ARE TO DIM TO MAINTAIN A TARGET ILLUMINANCE. REFER TO LUMINANCE TO ILLUMINANCE CONVERSION CHART FOR ASSOCIATED FOOT-CANDLE VALUES.

DIM 20% REFERS TO WHEN THE LIGHTS ARE TO DIM TO 20% OF TARGET ILLUMINANCE IN DIM. OCC REFERS TO WHEN THE LIGHTS ARE TO FADE FROM THE CURRENT INTENSITY TO 100% OVER 5 SECONDS IN RESPONSE TO MOTION SENSORS, SENSORS TIMEOUT AFTER 15 SECONDS AND LIGHTS FADE DOWN TO PREVIOUS INTENSITY OVER 30 SECONDS, CONTROLS SHALL BE CAPABLE OF TRIGGERING LUMINAIRES IN RESPONSE TO TRAFFIC 300 HUNDRED FEET AWAY ON APPROACH. SENSORS OF ADJACENT LUMINAIRES SHALL BE CAPABLE OF TRIGGERING MULTIPLE LUMINAIRES ON THE ROADWAY IN RESPONSE TO APPROACHING TRAFFIC.

LIGHTING FIXTURE SCHEDULE NOTES

NOTES

EXACT FIXTURE LOCATION TO BE VERIFIED WITH FIELD CONDITIONS AND CONFIRMED WITH ARCHITECT OR LIGHTING DESIGNER PRIOR TO FINAL INSTALLATION.

CONTRACTOR SHALL SUPPLY NECESSARY HARDWARE AND RELATED SUPPLEMENTAL STRUCTURAL SUPPORT MATERIALS TO ENSURE A SAFE. SECURE AND CODE COMPLIANT MOUNTING FOR THIS LUMINAIRE. WHEN REQUIRED BY SITUATION, CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING STRUCTURAL INTEGRITY OF INSTALLATION BY ENGAGING A REGISTERED STRUCTURAL ENGINEER FOR APPLICATION REVIEW. ALL MODIFICATIONS NECESSARY TO CEILING OR STRUCTURE TO

WHICH THIS FIXTURE IS TO BE MOUNTED SHALL BE COORDINATED WITH APPLICABLE TRADES. REFERENCE ALL DISCIPLINES PLANS KEY SECTIONS DETAILS OR ELEVATIONS TO AS CERTAIN DESIRED LAYOUTS AND MOUNTING HEIGHTS. SHOULD ANY CONFLICT QUESTION OR AMBIGUITY ARISE DURING THESE DETERMINATIONS. IT SHOULD BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER AND DESIGN TEAM

FOR RESOLUTION PRIOR TO PROCEEDING. CONTRACTOR ASSUMES ALL COSTS ASSOCIATED WITH ANY CHANGE TO WORK COMPLETED PRIOR TO RESOLUTION. INTENDED PLACEMENT OF THIS FIXTURE WITHIN PLANTER IS INDICATED ON LANDSCAPE ARCHITECTURAL DRAWINGS. PRIOR TO FINAL ROUGH-IN TO THESE POSITIONS, CONTRACTOR SHALL CONDUCT A NIGHTTIME FIXTURE POSITIONING MOCK-UP FOR EACH PLANTER/TREE TYPE WITHIN PROJECT, TO VERIFY THE DESIRED

FIXTURE LOCATIONS

COORDINATE EXACT POST LOCATION WITH PAVER CUTS AND PLACEMENTS, AS INDICATED ON LANDSCAPE ARCHITECTURAL DRAWINGS; AMBIGUITIES BETWEEN DRAWINGS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM FOR RESOLUTION.

CONTRACTOR SHALL SUPPLY ALL MISCELLANEOUS MOUNTING HARDWARE, INCLUDING FASTENING DEVICES, CABLE, JUNCTION BOXES, ETC. TO ENSURE A COMPLETE CODE COMPLIANT INSTALLATION AS PER MANUFACTURERS RECOMMENDATIONS.

	SUB-CONSULTANT	LA OF RECC	DRD <u>CMJ</u>	LANDSCAPE ARCHITECT	5		
		DESIGN LA:	CMJ	OF RECORD:	4		
		DRAWN BY	AP		3		
			CMI		2		
		CHECKER:		CASTO MIGUEL JUNCAL	1		
		SCALE:	AS SHOWN	NO.6667184	NO.	DATE	REVISION
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OPENINGS (CREATED BY THI CONDITIONS.

- CONDUITS SHALL BE RUN CO WHERE APPROVED BY THE
- 17. FURNISH AND INSTALL EQUI COMPLIANCE WITH APPLICA HAVE LESS THAN 2% TOTAL SHALL HAVE LESS THAN 3% SHALL BE #12 THWN MINIMU
- 18. EXCEPT WHERE SPECIFICAL SHALL PROVIDE NEW COND AS A PART OF THIS PROJEC PROVIDED ON ALL CONDUIT
- BE FULLY ADA AND NFPA CO
- 20. THE CONTRACTOR SHALL VI SWINGS PRIOR TO ROUGH-
- 21. THE CONTRACTOR SHALL T COMPLETELY FREE OF INTE DIRT AND ALL SCRATCHES
- 22. ALL EMPTY/SPARE CONDUIT TAGS AT EACH END.
- 23. ALL RACEWAYS SHALL HAVE EQUIPMENT-GROUNDING CO
- 24. ALL BRANCH CIRCUITS AND GROUNDING CONDUCTORS.
- 25. ALL EXTERIOR MOUNTED FIX AND MANUFACTURED TO WI
- MOUNTED FIXTURES WITH S PROFESSIONAL ENGINEER POLE/FIXTURE ASSEMBLY M EXTERIOR POLE MOUNTED OF WITHSTANDING WINDLOA WIND VELOCITY SHALL BE '

IIS CONTRACTOR)	TO MA	TCH SURROUNDIN	IG				
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IPMENT DISCONNE \BLE CODE REQUIF VOLTAGE DROP A VOLTAGE DROP. \ JM.	ECT SW REMEN AND ALI WIRING	/ITCHES IN STRICT ITS.ALL FEEDERS / L BRANCH CIRCUIT TO RECEPTACLE	ARE TO TS S				
LLY NOTED OTHER OUIT FOR ALL CONE T. INSULATED PLA STUB-OUTS AND	₹WISE, OUCTOI STIC B STUB-L	THE CONTRACTOR RS THAT ARE INST USHINGS ARE TO JPS.	२ TALLED BE				
DEVICES, INCLUDIN DMPLIANT.	NG MOL	UNTING HEIGHTS,	SHALL				
ERIFY THE EXACT	DIREC [®] JNTED I	TION OF ALL DOOF	R				
HOROUGHLY CLEA ERNAL DEBRIS ANI SHALL BE TOUCHE	AN ALL D EXTE D UP.	EQUIPMENT TO BE RIOR PAINT, MARE	E KS,				
TS SHALL HAVE PU	JLL STR	RINGS WITH LABEL	ING				
E A GREEN INSULA ONDUCTOR.	۲ED C	OPPER					
FEEDERS SHALL E	BE PRC	VIDE WITH SEPAR	XATE				
XTURES, POLES, A ITHSTAND 180MPH	ND BA	SES SHALL BE DES	SIGNED				
AND CALCULATION SIGNATURE AND SI CERTIFIYING THAT IEETS OR EXCEED LIGHT FIXTURE AS ADS IN ACCORDAN 180 MPH.	NS FOR EAL OF THE FO S SREF SEMBL NCE WI	ALL EXTERIOR PC A FLORIDA REGIS OUNDATION AND F AND ASCE 7. THE JES SHALL BE CAF TH ASCE 7-10. DES	DLE STERED E PABLE SIGN				
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	SUB-CONSULTANT	LA OF RECO	ORD	CMJ	LANDSCAPE ARCHITECT	5		
		DESIGN LA	:	CMJ	OF RECORD:	4		
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		CHECKER:	CMJ AS SHOWN	1	CASTO MIGUEL JUNCAL NO.6667184	1 NO.	DATE	REVISION

	GENERAL NOTES
	a. REFER TO STMBUL, LEGEND, GENERAL NOTES AND LIGHTING FIXTURE SCHEDULE ON SHEET E0.1
	b. REFER TO BOOK SPECIFICATIONS.
	c. COORDINATE WORK WITH ALL OTHER TRADES BEFORE ANY ROUGH-INS.
	d. ALL FEEDERS ARE TO HAVE LESS THAN 2% TOTAL VOLTAGE DROP AND ALL BRANCH CIRCUITS SHALL HAVE LESS THAN 3% VOLTAGE DROP.
	e. ALL BRANCH CIRCUITS TO BE PROVIDED WITH DEDICATED NEUTRAL.
	f. REFER TO DETAILS FOR ALL UNDERGROUND
	CONDUITS.
	g. HEI ER TO DE MEOTORY OLE MOONTING.
	KEY PLAN (NOT TO SCALE):
	SEAL:
This item has been digitally sign	ned and
on the date adjacent to the se	
Printed copies of this document considered signed and sealed ar signature must be verified on a	t are not nd the iny APPROVED: _
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	PLAN E1.4
	ame: E4.3-2021375.dwg
APP'D. BY Date:	



Luminaire Schedule	9		
Symbol	Qty	Label	Description
\bigcirc	17	ព	SPRING CITY ALMALN-M1-LED070-EVX-2G3-HSS-40-CR3-YCLO-RAL7047

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
PEDESTRIAN PATH	1.4	2.8	0.4	3.4	7.0

		-						
	SUB-CONSULTANT	LA OF RECO	ORD	CMJ	LANDSCAPE ARCHITECT	5		
		DESIGN LA	:	CMJ	OF RECORD:	4		
		DRAWN BY	AP			3		
			CMI			2		
		CHECKER:			CASTO MIGUEL JUNCAL	1		
		SCALE:	AS SHOW	N	NO.6667184	NO.	DATE	REVISION



		MANUFACTURER:	SQ. D.					MAIN OF	TIC	ONS	REQUI	RED			Ρ	ANEL NAME:	LF
		TYPE:							MC	CB:	50	AMPS				LOCATION:	
		AIC RATING:	18	KA	AMPS				ML	0:	N/A	AMPS				MOUNTING:	SUF
		VOLTS L-N:	120	V				S.E.R.	ATE	ED:	N/A					NEMA TYPE:	
		VOLIS L-L:	240	V				GELLINIT	PR(NO					WIDTH :	2
		PHASE	I					SHUNI		IP.	N/A					DEPIN.	
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E	СКТ			D											D		
S	NO.				A	В	С	TRIP	Ρ	Ρ	TRIP	Α	В	C			
	1	SERVICE RECEP	PTACLE	R	0.36			20	1	1	20				S	SPA	RE
	3	WALKWAY LIG	HTING	L		1.15		20	1	1	20				S	SPA	RE
	5	WALKWAY LIG	HTING	L			1.39	20	1	1	20				S	SPA	RE
	7	WALKWAY LIG	HTING	L	1.07			20	1	1	20				S	SPA	CE
	9	WALKWAY LIG	HTING	L		1.07		20	1	1	20				S	SPA	CE
	11	SPARE		S				20	1	1	20				S	SPA	CE
	13	SPACE		S				20	1	1	20				S	SPA	CE
	15	SPACE		S				20	1	1							
	17	SPACE		S				20	1	1	20					SPI	D
	19	SPACE		S				20	1	1							
					1.4	2.2	1.4					0.0	0.0	0.0			

5.0	TOTAL CONNECTED KVA:
1	TOTAL CONNECTED AMPS/PH:
6.2	TOTAL DEMAND KVA:
1	TOTAL DEMAND AMPS/PH:

	CONN. LOAD (KVA)	DEMAND FACTOR	DEMANI LOAD (KVA)
LIGHTING (L)	<mark>4.6</mark> 8	1.25	5.85
RECEPTACLES 1ST 10 KVA(R)	0.36	1.00	0.36
RECEPTACLES OVER 10KVA(R)	0.00	0.50	0.00
HVAC EQUIPMENT (H)	0.00	1.00	0.00
APPLIANCES (A)	0.00	1.00	0.00
EQUIPMENT (E)	0.00	1.00	0.00
LARGEST MOTOR (M)	0.00	1.25	0.00
OTHER (O)	0.00	1.00	0.00
SPARE (S)	0.00	1.00	0.00
LINKED PANEL (P)	INCLUDED I	ABOVE	TOTALS

GENERAL NOTES:

a. PROVIDE ARC FLASH LABELING FOR THE PANEL IN ACCORDANCE WITH NFPA 70 & 70E AS SPECIFIED.

SCHEDULE NOTES:

			_								÷														
PANEL FEEDER	SCHEDULE:				* \	MRE SI	ZES AI	RE BASED	ON NFF	PA 70 T/	ABLE 3	10.15(3)(16) <mark>6</mark>	0 DEG	REE CU C	COLUMN	FOR SIZ	ES OF	100A AI	ND LESS	, ALL O	THERS BASE	D ON 75 DE	GREE C	OLUMN.
				**L(DADAI	MPS AN	ND DIST	TANCE SHO	OWN FC	DRVDC	CALCUL		ONLY.	SEE P	ANEL SCH	HEDULE	FORAC	TUAL L	OAD. A	CTUAL E	DISTANC	E MAY VARY	DEPENDE	NT ON R	OUTING.
FEEL	DER	VOLTS	PH	NEUT	200%	GRND	ISO	MAIN OCF	LOAD		DISCO	NNECT			WRE	NEUT	ADD	GND	ISO	SYST	#	CONDUIT	APPROX	VOLT	
DESCR	PTION				NEUT		GND	RATING	AMPS**	*	SIZE	FUSE	NEMA		PER	WIRE	NEUT	WIRE	GND	BOND	OF	SIZE	DIST.**	DROP	NOTES
SOURCE	LOAD			Y/N	Y/N	Y/N	Y/N								PHASE*					JUMP	RUNS		FT	VD%	
FPL	LRP1	240	1	Y	N	Y	N	60	17						#3	#3		#4		#8	1	1-1/4"	500	1.77%	
GENERAL NOTE	S:														NOTES	3 :									
(1) - PROVIDE DISC.	SW. AT ALL PIECE	S OF EQ	UPM	ENT, UN	NLESS	OTHER	WISEN	IOTED ON	THIS SC	HEDUL	E.				(a) - RO	UTEALL	FEEDE	RS CON	CEALED	FROM F	UBLIC V	/IEW			
(2) - FUSES SHOWN	FOR REFERENCE	ONLY, PF	ROVIE	DE FUS	ES A S	RECON	/MEND	ED BY EQU	JIP. MAN	VUF.															
(3) - PROVIDE NEMA	OUTDOOR RATEE	ENCLOS	SURE	S FOR	ALL D	SC. SV	/S MOL	INTED OUT	DOORS	S.															
(4) - COORDINA TE S	STARTER TYPE WIT	H MECHA	ANICA	AL EQU	JIPMEN	T INSTA	LLER																		
(5) - E.C. TO VERIFY	THAT C.B. FOR CO	OMPRES	SORS	S IS SU	FFICIEN	IT TO A	LLOW	STARTING	GF UN	it, if															
(6) - #12 FEEDERS \$	SHOWN AND OVER	50FT. LO	ONG T	TO BE #	#10 WI	RE FOR	120V	CIRCUITS.																	
#12 FEEDERS S	HOWN AND OVER	100FT. L	ONG	TO BE	#10 W	RE FO	R 277V	CIRCUITS.																	
ABBREVIATION	S:																								
N.F. = NON-FUSED																									
ECB = ENCLOSED C	IRCUIT BREAKER																								
3R = NEMA 3R ENCL	OSURE																								
4X = NEMA 4 W.P. S	TAINLESS STEEL E	NCL.																							



PROJECT: CHASE AVENUE AND W 34TH STREET PATH

CITY OF MIAMI BEACH, FL

GENER



b. REFER TO

KEYED

1. REFER CONDU



1	SUB-CONSULTANT	LA OF RECORI	D <u>CMJ</u>	LANDSCAPE ARCHITECT	5		
		DESIGN LA:	CMJ	OF RECORD:	4		
		DRAWN BY: A	۰.P		3		
				7	2		
		CHECKER: _ C		CASTO MIGUEL JUNCAL	1		
		SCALE: <u>A</u>	S SHOWN	NO.6667184	NO.	DATE	REVISION
					_		



PANEL LRP1

SPD

RAL NOTES:	
O SYMBOL, LEGEND, GENERAL NOTES AND LIGHTING	
SCHEDULE ON SHEET E-001.	
U BUUK SPECIFICATIONS.	
NOTES:	
R TO PANEL FEEDER SCHEDULE FOR WIRE AND	
DUIT SIZES.	
	KEY PLAN (NOT TO SCALE).
	SEAL:
This item has been digitally signed and sealed by Enrique Gomez, P.E.	
Printed copies of this document are not	
considered signed and sealed and the signature must be verified on any	APPROVED :
	FLA. REGISTRATION NO.
Drawing Title: ELECT	RICAL ONE-LINE,
FEED	CHEDULES E2.0
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		DESIGN LA	\:	CMJ	OF RECORD:	4		
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			CMI			2		
		CHECKER:			CASTO MIGUEL JUNCAL	1		
		SCALE:	AS SHOWN		NO.6667184	NO.	DATE	REVISION

		- Г		
ht or normal weight (100-150 pcf) concrete	e. Wall			
Blocks*. Diam of circular through opening am of flexible metal conduit (Item 2) installe	ı in floor ed in			
stance Directory for names of manufacture	rs.			
maller) aluminum or steel Flexible Metal				
ugh opening in floor or wall assembly. Fle: oor or wall assembly.	xible			
lumina silica) fiber blanket or mineral wool rm. Packing material to be recessed min 1	batt in.			
e annular space around the flexible metal	conduit.			
flush with top surface of floor. In walls, a n ce on both sides of wall assembly.	nin 1 in.			
·····y.				
		-		
	2			
			KEY PLAN (NOT TO S	SCALE):
			SEAL:	
This item h	as been digital	y signed and		
sealed by E on the date	nrique Gomez, e adjacent to t	P.E. he seal.		
Printed cop	ies of this doc	ument are not		
signature n	signed and sea nust be verified	on any	APPROVED :	
	copies.		FLA. REGISTRATION NO.	DATE :
		Drawing Title:		Drawing No.:
		ELEC	TRICAL DETAILS	
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on the date adjacent to the seal.			the seal.		
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	signature electronic	must be verified copies.	on any	APPROVED :	DATE :
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