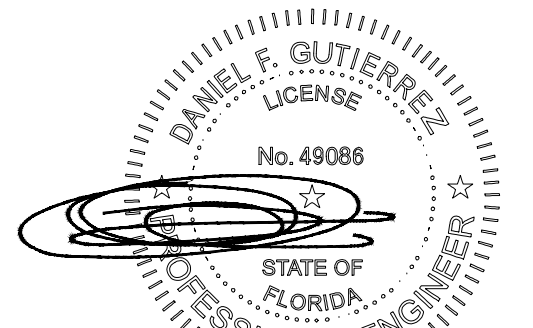


10635 SW 63 AV
MIAMI, FL

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MIAMI, FL

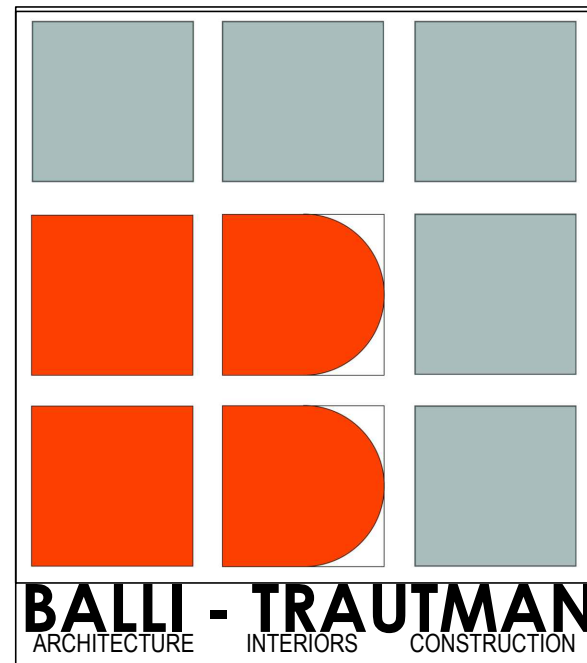
SEAL



DANIEL F. GUTIERREZ, P.E.
ELECTRICAL ENGINEER LIC. #049086

[illegible]

SEAL



JOB NUMBER:	
CHECKED BY:	GB
ISSUE DATE:	Issue Date
SCALE:	AS NOTED

SHEET TITLE

SHEET NUMBER

E-106

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1533 SUNSET DRIVE SUITE 101, CORAL GABLES, FL 33143

41.30	TOTAL CONNECTED LOAD: 70.95 KVA TOTAL CONNECTED LOAD WITHOUT CU: 52.20 KVA TOTAL CONNECTED AMPS: 217 amps THIS CONTRACTOR SHALL PROVIDE #10 WIRE FOR HOMERUNS OVER 100' (SEE NOTE 2 OF PART 2) ALL PANELS AND DISCONNECTS SHALL BE 480V SERIES RATED WITH MAIN AT 424KAC.	29.65
	ROMEX CABLE WILL BE PERMITTED WHERE ALLOWED BY THE 2020NCC * PROVIDE AFCI(ARC-FAULT)/GFCI BREAKER AS PER 2020NCC 210.12(B) AND 406.4(4). ** PROVIDE TIMER/CLOCK	

ROMEX CABLE WILL BE PERMITTED WERE ALLOWED BY THE 2020NEC * PROVIDE APCIARC-FAULT/GFCI BREAKER AS PER 2020NEC 210.12(B) AND 406.4(D)(4). ** PROVIDE TIMER/LOCK	TOTAL CONNECTED AMPS: 111 AMPS THIS CONTRACTOR SHALL PROVIDE #10 WIRE FOR HOMERUNS OVER 100FT (SEE NOTE 2 OF PART 2)	ALL PANELS AND DISCONNECTS SHALL BE 22KJIC SERIES RATED WITH MAIN AT 43KJIC.
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28.50	TOTAL CONNECTED LOAD: 60.10 KVA	31.60
	TOTAL CONNECTED LOAD WITHOUT CUV: 47.60 KVA	
	TOTAL CONNECTED AMPS: 198 amps	
ROMEX CABLE WILL BE PERMITTED WERE ALLOWED BY THIS 2020NCC		
* PROVIDE AFCI(ARC-FAULT)/GFCI BREAKER AS PER 2020NCC 210.12(D) AND 406.4(D)(4). * PROVIDE TIMER/CLOCK	THIS CONTRACTOR SHALL PROVIDE #10 WIRE FOR HOMERUNS OVER 100 FT. (SEE NOTE 2 OF PART 2)	ALL PANELS AND DISCONNECTS SHALL BE 22KACI SYSTEMS RATED WITH MAIN AT 65KACI.

ROMEX CABLE WILL BE PERMITTED WERE ALLOWED BY THE 2020NEC * PROVIDE AFCI(ARC-FAULT)/GFCI BREAKER AS PER 2020NEC 210.12(B) AND 406.4(D)(4). ** PROVIDE TIMER/CLOCK	TOTAL CONNECTED AMPS: 76 AMPS THIS CONTRACTOR SHALL PROVIDE #10 WIRE FOR HOMERUNS OVER 100FT (SEE NOTE 2 OF PART 2)	ALL PANELS AND DISCONNECTS SHALL BE 22KAC SERIES RATED WITH MAIN AT 42KAC.
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14.00	TOTAL CONNECTED LOAD: 24.00 KVA TOTAL CONNECTED AMPS: 100 amps	10.00
ROMEX CABLE WILL BE PERMITTED WERE ALLOWED BY THE 2020NEC		
* PROVIDE AFCI(ARC-FAULT) GFCPI BREAKER AS PER 300NEC 210.12(D) AND 400.4(D)(4). ** PROVIDE TIMER/CLOCK		
THIS CONTRACTOR SHALL PROVIDE #10 WIRE FOR HOMERUNS OVER 400' (SEE NOTE 2 OF PART 2)		
ALL PANELS AND DISCONNECTS SHALL BE 22KAC MAINS RATED WITH MAIN AT 65KAC.		

SEE DEMAND LOAD CALCULATIONS
THIS PANEL IS RATED TO 42KAIC SERIES RATED WITH PANELS A,B,C,P (SEE ELECTRICAL NOTE 4 OF PART 3 ON E-8)

"This item has been digitally signed and sealed by Daniel F. Gutierrez on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies"

DANIEL F. GUTIERREZ, P.E.
LIC. #049086

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DG CONSULTING ENGINEERS, LLC
DESIGN — INSPECTIONS