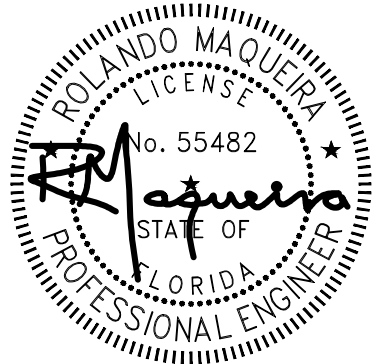




05-27-2025



Maqueira Engineering
Consultants, Inc.
CA #5036

Rolando Maqueira, PE
PE #55482

7220 SW 39th Terrace Tel: 305.669.5595
Miami, Florida 33155 cad@maqueira.com



Eva Vaccaro

2-Story Addition

12940 SW 63 Ave Pinecrest Fl
33156

No.	Description	Date
Δ	BLDG DEPARTMENT COMM	04-10-24
Δ	BLDG DEPARTMENT COMM	05-23-24
Δ	COORDINATION	05-27-25

Project number	22-012
Date	04-16-2023
Drawn by	NA
Checked by	RM
SHEET TITLE	

Proposed House 2nd
Level Floor Plan

SHEET No.

E210

LOAD CALCULATION	NEW PNL "A"	EXISTING PNL "B"	EXISTING PNL "C"	SERVICE
SQUARE FEET OF CONDITION SPACE	3,000	2,500	2,500	8,000
GENERAL LIGHTING AT 3 W.S.F	9,000	7,500	7,500	24,000
SMALL APPLIANCES CIRCUITS	0	4	0	4
SMALL APPLIANCES LOAD	0	6,000	0	6,000
COOK TOP	0	6,000	0	6,000
OVEN	0	6,000	0	6,000
DRYER	0	0	5,000	5,000
HOT WATER HEATER	0	18,000	0	18,000
SPRINKLER PUMP	0	0	2,000	2,000
POOL EQUIPMENT	0	0	3,000	3,000
WASHER	0	0	1,500	1,500
REFRIGERATOR	0	3,200	0	3,200
DISHWASHER	0	1,200	0	1,200
DISPOSAL	0	900	0	900
MICROWAVE	0	1,000	0	1,000
FOUNTAIN PUMP	1,000	0	0	1,000
GARAGE DOOR OPENER & GATE MOTOR	2,000	0	1,800	3,800
CONNECTED LOAD WIHTOUT A/C LOAD	15,000	49,800	20,800	85,600
FIRST 10000 AT 100%	10,000	10,000	10,000	10,000
REST AT 40%	2,000	15,920	4,320	30,240
A/C LOAD AT 100%	15,000	8,000	18,000	41,000
TOTAL	27,000	33,920	30,320	81,240
AT 240 VOLT	112	141	126	338

