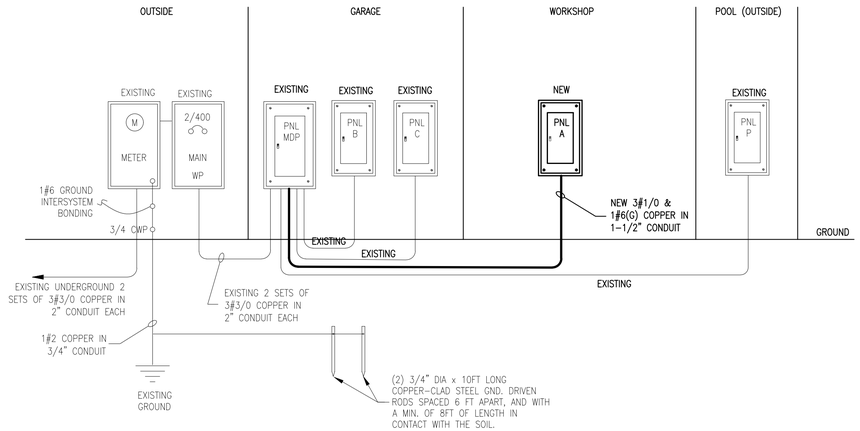
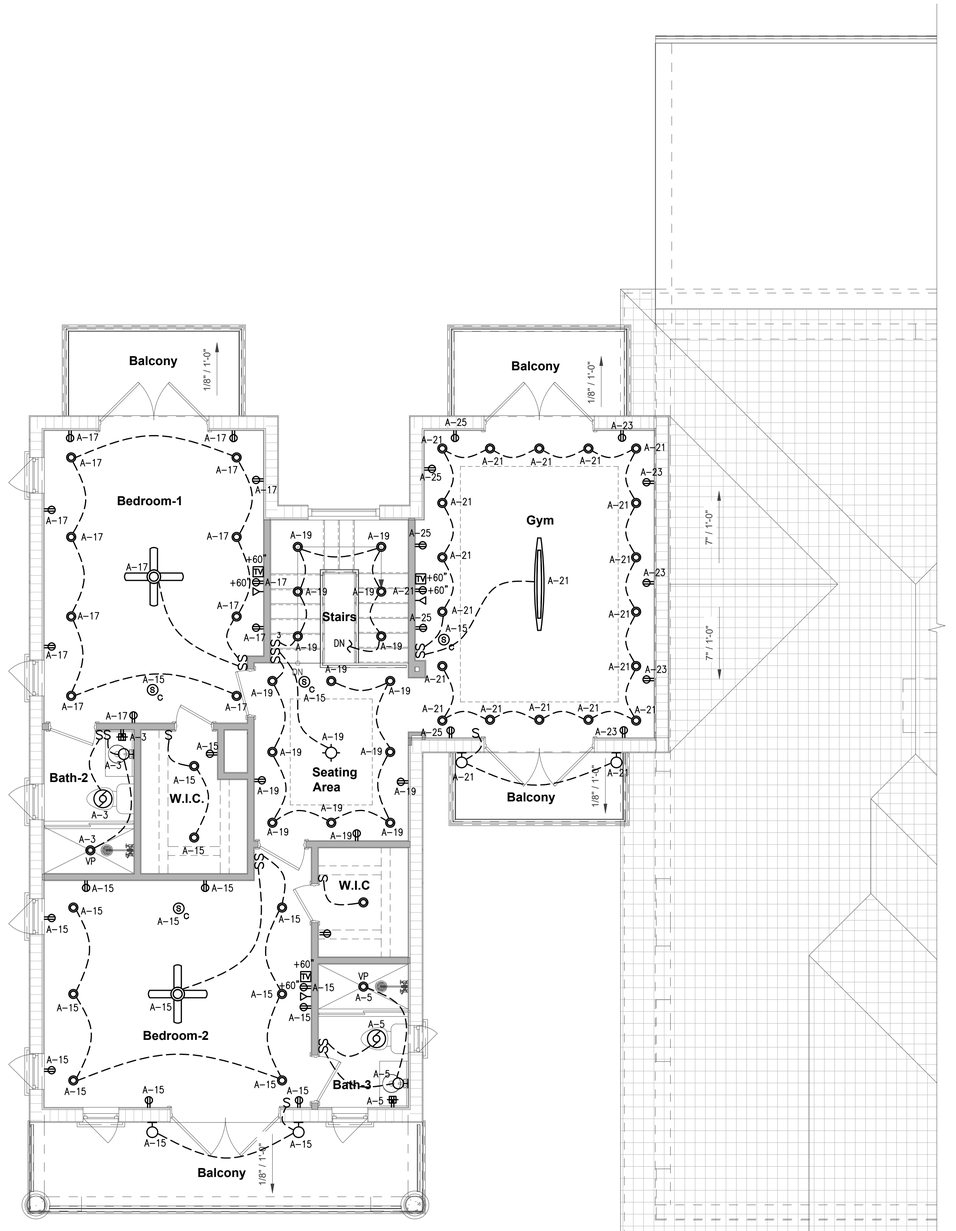
LOAD CALCULATION	NEW PNL "A"	EXISTING PNL "B"	EXISTING PNL "C"	SERVICE
SQUARE FEET OF CONDITION SPACE	3,000	1,597	138	5,235
GENERAL LIGHTING AT 3 W.S.F	9,000	4,791	414	15,705
SMALL APPLIANCES CIRCUITS	0	4	0	6
SMALL APPLIANCES LOAD	0	6,000	0	9,000
RANGE / OVEN OR COOK TOP	0	0	0	0
DOUBLE OVEN	0	8,000	0	8,000
DRYER	5,000	0	0	5,000
HOT WATER HEATER	14,400	28,800	0	43,200
SPRINKLER PUMP	0	0	0	2,000
POOL EQUIPMENT	0	0	0	3,000
WASHER	1,500	0	0	1,500
REFRIGERATOR	0	3,200	0	4,050
DISHWASHER	0	1,200	0	1,200
DISPOSAL	0	900	0	900
KITCHEN FAN	0	500	0	1,400
MICROWAVE	0	1,000	0	1,000
GARAGE DOOR OPENER & GATE MOTOR	0	0	2900	2900
CONNECTED LOAD WIHTOUT A/C LOAD	29,900	54,391	25,314	124,355
FIRST 10000 AT 100%	10,000	10,000	10,000	10,000
REST AT 40%	7,960	17,756	6,126	45,742
A/C LOAD AT 100%	15,000	8,000	3,000	26,000
TOTAL	32,960	35,756	19,126	81,742
AT 240 VOLT	137	149	80	340



ELECTRICAL RISER DIAGRAM

NTS



Proposed House 2nd Level - Electrical
1/4" = 1'-0"

NOVUS Archetype
architecture / interior / planning

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License # : AR99606

ROLANDO MAQUEIRA LICENSE No. 55482 STATE OF FLORIDA PROFESSIONAL ENGINEER
04-16-2023

Maqueira Engineering Consultants, Inc.
CA #9088

Rolando Maqueira, PE
PE #55482

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Rolando Maqueira

Digitally signed by Rolando Maqueira
DN: c=US, o=MAQUEIRA ENGINEERING CONSULTANTS, dn:Qualifier=A01410D0000078F0A2985F000F43D5, cn=Rolando Maqueira
Date: 2023.04.18 14:29:58 -04'00'

Eva Vaccaro

2-Story Addition

12940 SW 63 Ave Pinecrest Fl 33156

No.	Description	Date

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