## ELECTRICAL LEGEND

- RECESSED OR SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE, SIZE AS PER PLAN.
- SURFACE MOUNTED CEILING LIGHT FIXTURE.
- RECESSED MOUNTED CEILING LIGHT FIXTURE.
- V — RECESSED MOUNTED CEILING LIGHT FIXTURE (VAPOR PROOF)
- WALL MOUNTED LIGHT FIXTURE, MOUNTING HEIGHT AS INDICATED.
- RECESSED MOUNTED CEILING LIGHT FIXTURE (WALL WASH).
- CEILING MOUNTED CHANDELIER FIXTURE
- FLOOD LIGHT FIXTURE.
- SIDE WALL LIGHT FIXTURE.
- COLUMN POST LIGHT FIXTURE.
- BOLLARD LIGHT FIXTURE.
- TRACK LIGHT FIXTURE BUS AND LUMINAIRES.
- CEILING FAN (SUFFIX F/L DENOTES FAN & LIGHT), INSTALL SPECIAL SUPPORTED JUNCTION BOX.
- $R_{VP}$ — RECESSED MOUNTED CEILING LIGHT FIXTURE (VAPOR PROOF).
- J — CEILING MOUNTED JUNCTION BOX.
- $J_{LS}$ — JUNCTION BOX FOR LANDSCAPE LOAD.
- $ — SINGLE POLE TOGGLE SWITCH MOUNTED AT 48" AFF UNO.
- $_3 — THREE WAY POLE TOGGLE SWITCH MOUNTED AT 48" AFF UNO.
- $_D — DIMMER SWITCH 600 WATTS MINIMUM MOUNTED AT 48" AFF UNO.
- $_M — MANUAL MOTOR RATED STARTER TOGGLE SWITCH WITH THERMAL OVERLOADS.
- PUSH BUTTON – SWITCH CONTROLLER, 48" AFF UNO.
- DATA OUTLET WALL MOUNTED 18" AFF UNO (STUB UP 3/4" CONDUIT INTO CEILING SPACE) OR FLUSH FLOOR MOUNTED.
- TELEPHONE OUTLET WALL MOUNTED AT 18" AFF UNO (STUB UP 3/4" CONDUIT INTO CEILING SPACE) OR FLUSH FLOOR MOUNTED.
- COMBINATION TELEPHONE / DATA OUTLET WALL MOUNTED AT 18" AFF UNO (STUB UP 3/4" CONDUIT INTO CEILING SPACE) OR FLUSH FLOOR MOUNTED.
- TV — CABLE TV OUTLET WALL MOUNTED AT 18" AFF UNO (STUB UP 3/4" CONDUIT INTO CEILING SPACE) INSTALL IN RECESSED BOX
- $S_C$ — CARBON MONOXIDE SMOKE DETECTOR WITH BATERY BACK UP CONNECTED TO 120 VOLTS AND INTERLOCK WITH THE SAME CIRCUIT.
- SINGLE RECEPTACLE – 120 VOLT, 1 PHASE, 3 WIRE, WALL MOUNTED AT 18" AFF UNO OR FLUSH FLOOR MOUNTED.
- DUPLEX RECEPTACLE – 120 VOLT, 1 PHASE, 3 WIRE, WALL MOUNTED AT 18" AFF UNO OR FLUSH FLOOR MOUNTED.
- QUAD RECEPTACLE – 120 VOLT, 1 PHASE, 3 WIRE, WALL MOUNTED AT 18" AFF UNO OR FLUSH FLOOR MOUNTED.
- GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE – 120 VOLT, 1 PHASE, 3 WIRE, WALL MOUNTED AT 18" AFF UNO.
- SINGLE RECEPTACLE – 240 VOLT, 1 PHASE, 4 WIRE, MOUNTED AT 18" AFF UNO.
- ELECTRICAL PANEL.
- ELECTRICAL SERVICE METER.
- 3 60 NF — SAFETY DISCONNECT SWITCH, 3 = No OF POLES, 60 = SWITCH SIZE, F=FUSED AS PER MFG. NAMEPLATE, NF = NON FUSED.
- GARBAGE DISPOSAL.
- CEILING OR ROOF MOUNTED EXHAUST FAN.

## PANEL "A"

| | | | | | |
|---|---|---|---|---|---|
| VOLTS: | 120/240V, 1PH, 3W | TYPE: | LOAD CENTER |
| BUS: | 150 A | ENCLOSURE: | NEMA 1 |
| MAIN: | M.L.O | MOUNTING: | FLUSH |
| AIC: | 22,000 | SERVING: | HOUSE |

| CKT | DESCRIPTION | COND | WIRE | LOAD | TRIP | POLE | A B | POLE | TRIP | LOAD | WIRE | COND | DESCRIPTION | CKT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BATHROOM | 1/2 | 12 | * | 20 | 1 | | 2 | 60 | 10000 | 4 | 1-1/4 | NEW AHU-1 | 2 | |
| 3 | BATHROOM | 1/2 | 12 | * | 20 | 1 | | | | | | | | 4 | |
| 5 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 2 | 50 | 7000 | 6 | 1 | NEW CU-1 | 6 | |
| 7 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | | | | | | | 8 | |
| 9 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 2 | 20 | 1800 | 12 | 1/2 | NEW MINI-SPLIT A | 10 | |
| 11 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | | | | | | | 12 | |
| 13 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 2 | 20 | 1800 | 12 | 1/2 | NEW MINI-SPLIT B | 14 | |
| 15 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | | | | | | | 16 | |
| 17 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 1 | 20 | 1000 | 12 | 1/2 | GARAGE DOOR OPENER | 18 | GFI |
| 19 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 1 | 20 | 1000 | 12 | 1/2 | GATE MOTOR | 20 | GFI |
| 21 | GENERAL LIGHTING | 1/2 | 14 | * | 15 | 1 | | 1 | 20 | 1000 | 12 | 1/2 | FOUNTAIN PUMP | 22 | GFI |
| 23 | GENERAL LIGHTING | 1/2 | 12 | * | 20 | 1 | | | | | | | SPACE | 24 | |
| 25 | GENERAL LIGHTING | 1/2 | 12 | * | 20 | 1 | | | | | | | SPACE | 26 | |
| 27 | GENERAL LIGHTING | 1/2 | 12 | * | 20 | 1 | | | | | | | SPACE | 28 | |
| 29 | GENERAL LIGHTING | 1/2 | 12 | * | 20 | 1 | | | | | | | SPACE | 30 | |
| 31 | SPACE | | | | | | | | | | | | SPACE | 32 | |
| 33 | SPACE | | | | | | | | | | | | SPACE | 34 | |
| 35 | SPACE | | | | | | | | | | | | SPACE | 36 | |
| 37 | SPACE | | | | | | | | | | | | SPACE | 38 | |
| 39 | SPACE | | | | | | | | | | | | SPACE | 40 | |

* SEE LOAD CALCULATION

(#) E.C VERIFIES THE EXACT ELECTRICAL MANUFACTURING SPECIFICATION FOR BREAKER SIZE AND WIRE

USE OF ROMEX SHALL BE PERMITED

(GFI) PROVIDE GFI CIRCUIT BREAKER

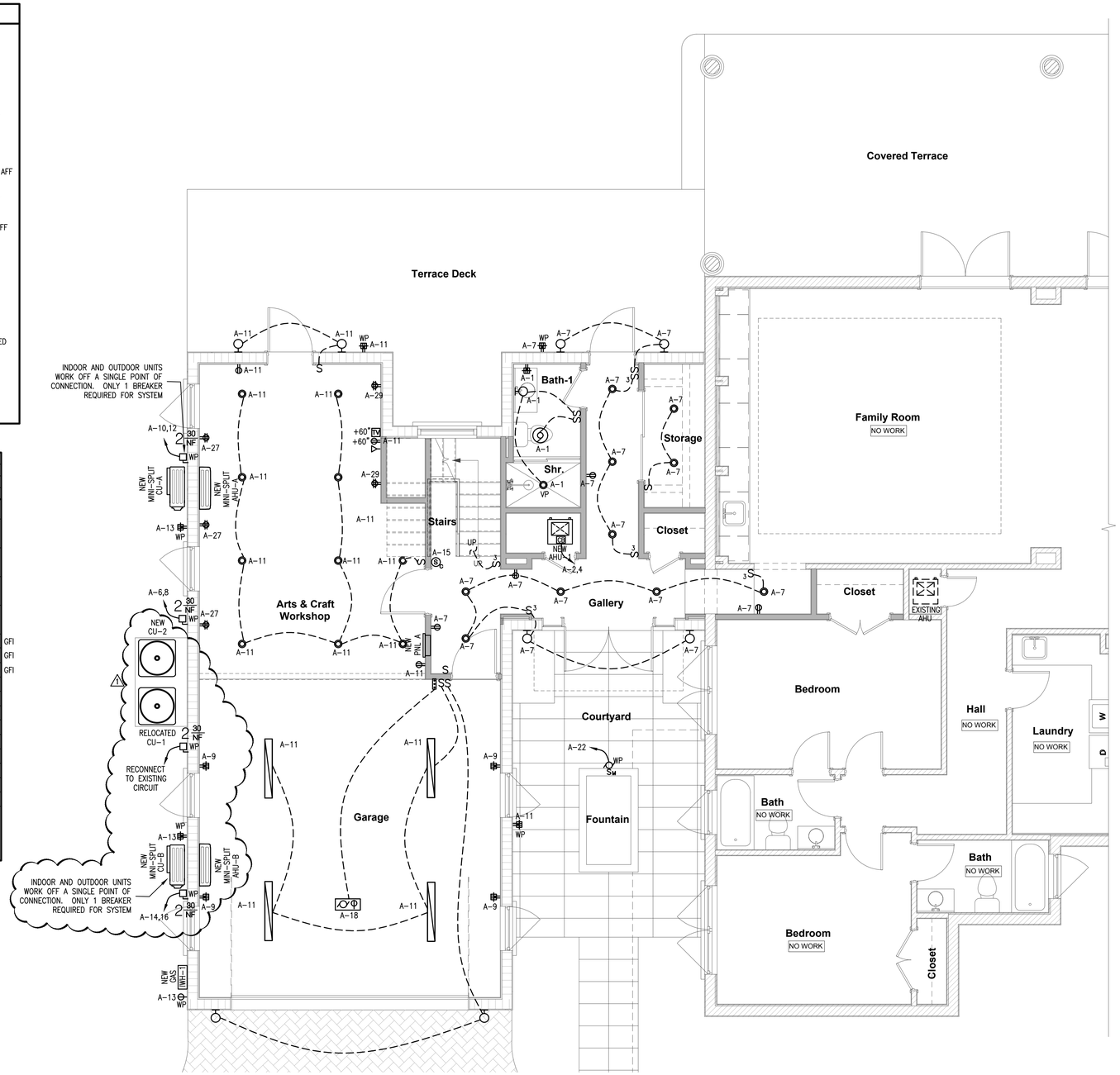
(NC) NON CONCURRENT LOAD

NOTES:

- 90% OF LAMPS MUST BE HIGH EFFICIENCY (AT LEAST 45 LUMENS/W OR NOT LESS THAN 65 LUMENS/W) AS PER R404.1 AND C405.1, THERMAL ENVELOPE SHALL BE IC RATE (MEETING ASTM E 283) AND AIRTIGHT AS PER R402.1 & C402.4.8 .
- ALL RECEPTACLES TO BE TAMPER RESISTANT AS PER NEC 406.12

ARC- FAULT CB INTERRUPTER PROTECTION

- ALL BRANCH CIRCUITS THAT SUPPLY 125 V, SINGLE PHASE 15 AND 20 AMP OUTLETS SHALL BE PROTECTED BY ARC FAULT CIRCUIT INTERRUPTER AS PER NEC 210.12 (A)
- INSTALL 4 CONDUCTORS TO ALL COOKING UNITS AND DRYER TO COMPLY WITH NEC 250.140




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


NOVUS Archetype
architecture / interior / planning

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ROLANDO MAQUEIRA LICENSE No. 55482 STATE OF FLORIDA PROFESSIONAL ENGINEER
04-10-2024

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Eva Vaccaro

2-Story Addition

12940 SW 63 Ave Pinecrest Fl 33156

| No. | Description | Date |
|---|---|---|
| 1 | BLDG DEPARTMENT COMM | 04-10-24 |

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

SHEET TITLE

Proposed House 1st Level Floor Plan

SHEET No.

E200