

LEFT ELEVATION

SCALE: 1/4" = 1'-0"



RIGHT ELEVATION

SCALE: 1/4" = 1'-0"



FRONT ELEVATION

SCALE: 1/4" = 1'-0"



REAR ELEVATION

SCALE: 1/4" = 1'-0"

ROOF VENTILATION:
R806.2 Minimum vent area.
The minimum net free ventilating area shall be 1/150 of the area of the vented space.
Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided one or more of the following conditions are met:
1. In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.
2. At least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located no more than 3 feet below the ridge or highest point of the space, measured vertically, with the balance of the required ventilation provided by eave or cornice vents. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet below the ridge or highest point of the space shall be permitted.

Ricky Mershon Res.

PROJECT ADDRESS:
Columbia County, FL

FL PE 53915
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DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

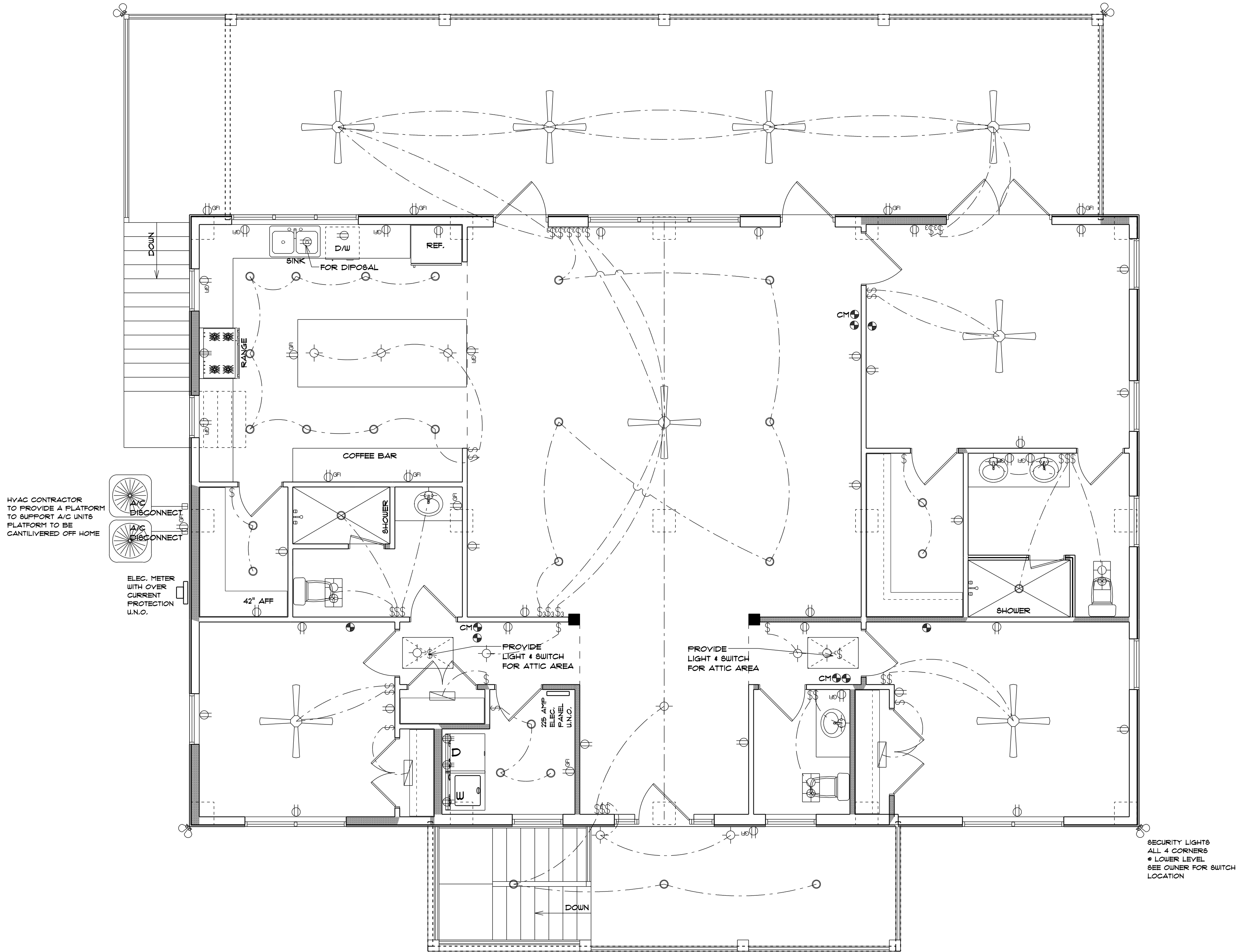
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JOB NUMBER:
221146

1
OF 6 SHEETS

| ELECTRICAL LEGEND | |
|-------------------|---|
| | CEILING FAN (PRE-WIRE FOR LIGHT KIT) |
| | DOUBLE SECURITY LIGHT |
| | 2X4 FLUORESCENT LIGHT FIXTURE |
| | RECESSED CAN LIGHT |
| | BATH EXHAUST FAN WITH LIGHT |
| | BATH EXHAUST FAN |
| | LIGHT FIXTURE |
| | DUPLEX OUTLET |
| | 220v OUTLET |
| | GFI DUPLEX OUTLET |
| | SMOKE DETECTOR |
| | WALL SWITCH |
| | 3 WAY WALL SWITCH |
| | 4 WAY WALL SWITCH |
| | WATER PROOF GFI OUTLET |
| | PHONE JACK |
| | TELEVISION JACK |
| | GARAGE DOOR OPENER |
| | CARBON MONOXIDE ALARM |

| ELECTRICAL PLAN NOTES: | |
|------------------------|--|
| E - 1 | WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS. |
| E - 2 | CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED. |
| E - 3 | ALL INSTALLATIONS SHALL BE PER NATL. ELECTRIC CODE. |
| E - 4 | ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS. |
| E - 5 | TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC LATEST EDITION. |
| E - 6 | ELECTRICAL CONTR SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS. |
| E - 7 | ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY. |
| E - 8 | ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. |
| E - 9 | ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION. |
| E - 10 | A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING. SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL. |
| E - 11 | CARBON MONOXIDE ALARMS SHALL BE REQUIRED WITHIN 10' OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDINGS HAVING A FOSSIL-FUEL BURNING HEATER OR APPLIANCE, A FIREPLACE, OR ATTACHED GARAGE. |
| E - 12 | ALL OUTLETS LOCATED IN RESIDENTIAL TO BE TAMPER-RESISTANT PER NEC. |
| E - 13 | A MINIMUM OF 75% OF PERMANENTLY INSTALLED LAMPS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY FBC EC SEC. R404.1 |



ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

Ricky Mershon Res.

PROJECT ADDRESS:
Columbia County, FL

FL PE 63915

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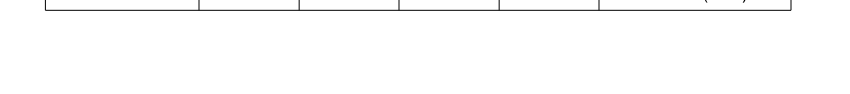
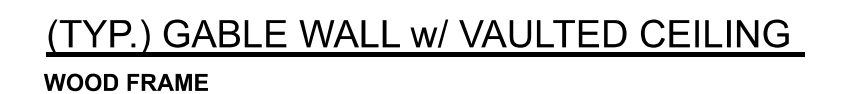
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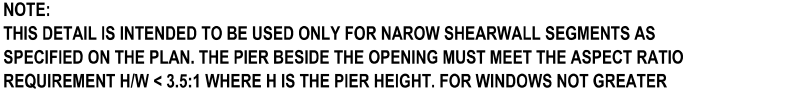
3
OF 6 SHEETS



(TYP.) GABLE BRACING DETAIL
WOOD FRAME



| GRADE & SPECIES TABLE | | | |
|-----------------------|--------------|------|-----|
| | | Fb | E |
| 2x8 | SP #2 | 925 | 1.4 |
| 2x10 | SP #2 | 800 | 1.4 |
| 2x12 | SP #2 | 750 | 1.4 |
| GLB | 24F-V3 SP | 2600 | 1.9 |
| LSL | TIMBERSTRAND | 1700 | 1.7 |
| LVL | MICROLAM | 2950 | 2.0 |
| PSL | PARALAM | 2900 | 2.0 |



ROOF SYSTEM DESIGN:

THE SEAL ON THESE PLANS IS FOR COMPLIANCE WITH THE TRUSS MANUFACTURER'S REQUIREMENTS. THE TRUSS MANUFACTURER IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO OBTAIN THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FACTORED DEAD LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE TRUSS MANUFACTURER'S DESIGN IS NOT GRADING FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED TRUSS SHEETS.

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S-1
OF 6 SHEETS



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