

PLANS FOR
C.A. & ELAINE BOONE RESIDENCE
879 SW BRIM ST,
COLUMBIA COUNTY, FL



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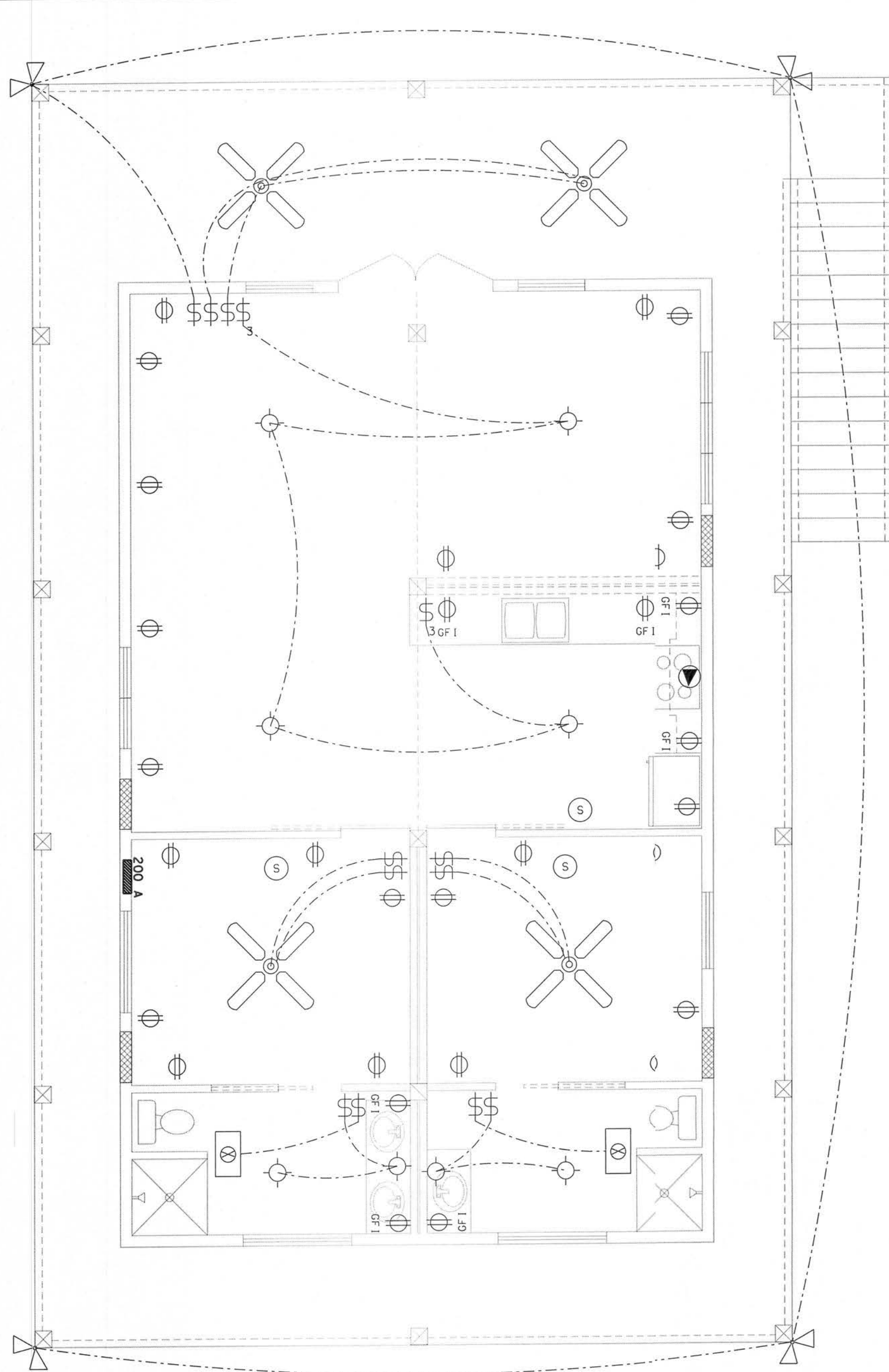
Sheet No.	Description
1	title/index sheet
2	floor plan, electrical plan, roof & plumbing plan
3	front, left, right, rear elevations
4	foundation plan & floor system wall typical strapping and anchor requirements

PLANS PREPARED BY:
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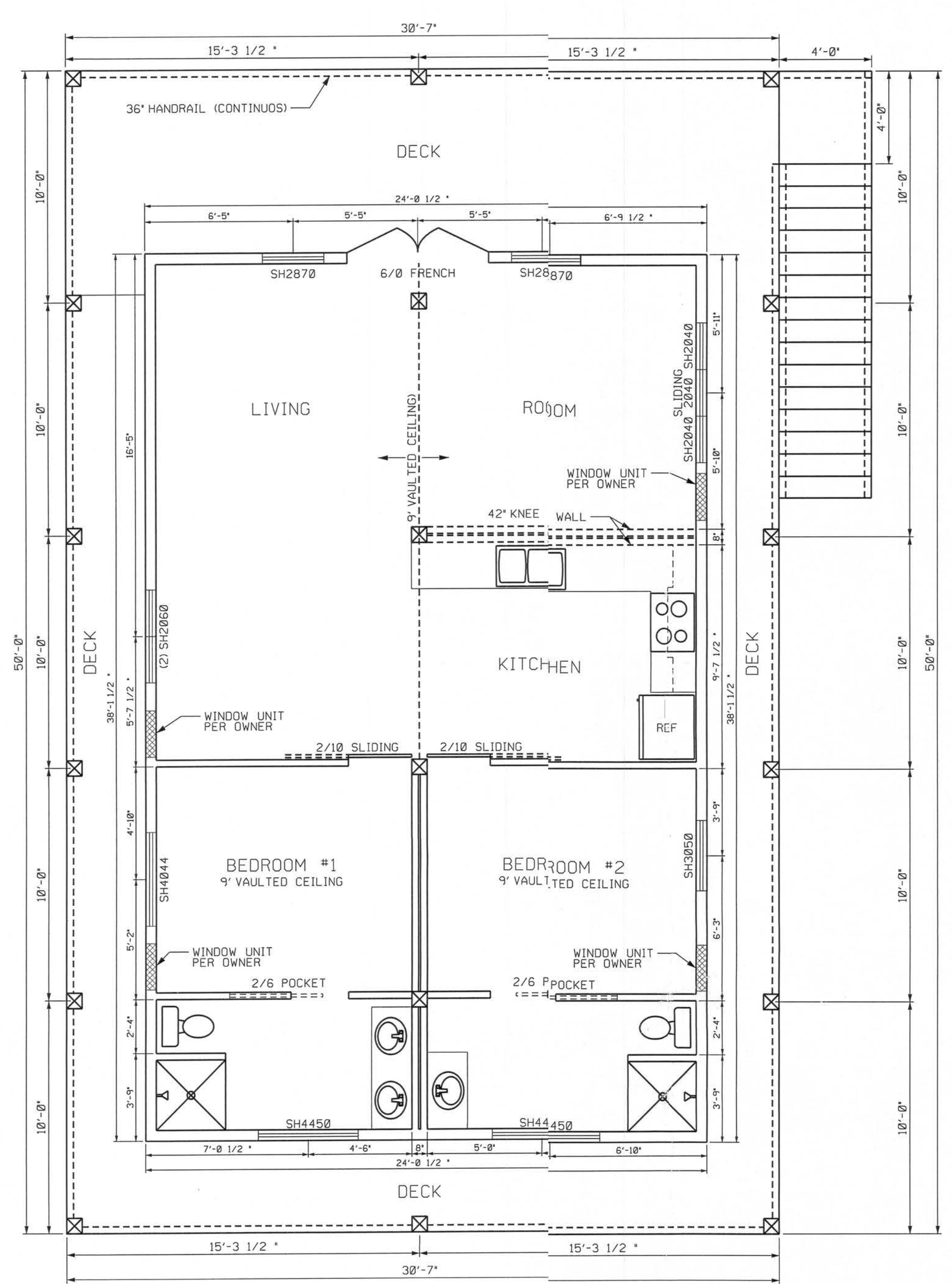
C.A. & ELAINE BOONE RESIDENCE
COLUMBIA COUNTY, FLORIDA

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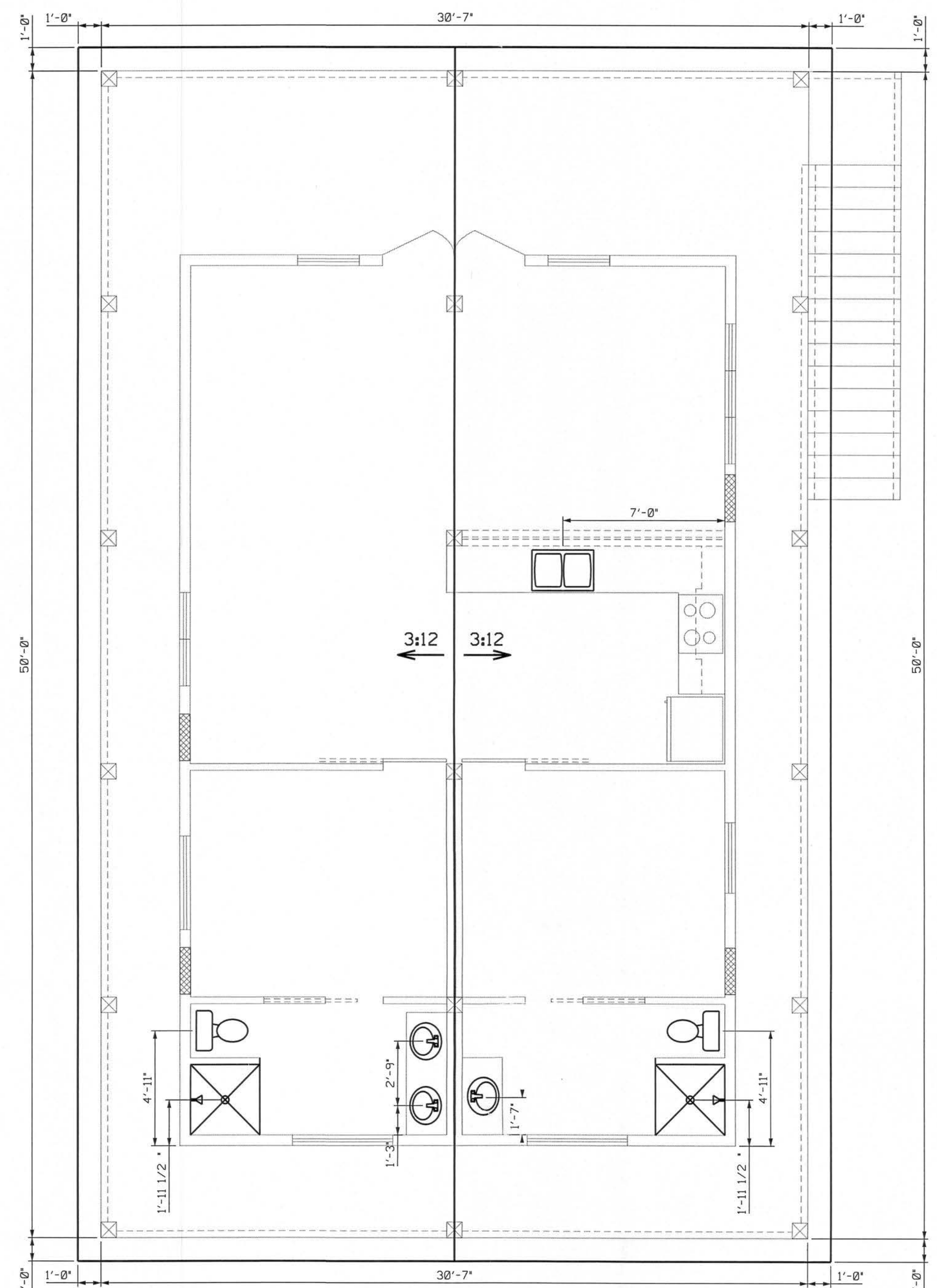
Christopher Q. Dicks
30 JUL 2019



ELECTRICAL PLAN



FLOOR PLAN



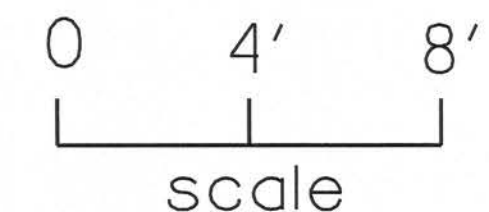
ROOF & PLUMBING PLAN

ELECTRICAL LEGEND

- CEILING FAN w LIGHTS
- LIGHT FIXTURE
- SINGLE POLE SWITCH
- THREE-WAY SWITCH
- RECEPT.
- GFI RECEPT OR PART OF A GFI CIRCUIT.
- SECURITY LIGHT
- EXHAUST (minimum 150 cfm)
- 220 V.
- SMOKE DETECTOR (AC/DC and interconnected)

ELECTRICAL NOTES:

1. ALL ELECTRICAL COMPONENTS, EQUIPMENT AND SYSTEMS SHALL COMPLY WITH THE PROVISIONS OF NFPA 70, NATIONAL ELECTRICAL CODE (LATEST EDITION) AND THE FLORIDA BUILDING CODE (LATEST EDITION).
2. ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
3. ALL BEDROOM RECEPTACLES SHALL BE PART OF AN AFCI CIRCUIT. EACH BEDROOM SHALL BE ON AN INDIVIDUAL AFC CIRCUIT.
4. ALL RECEPTACLES SHALL BE CHILD RESISTANT.



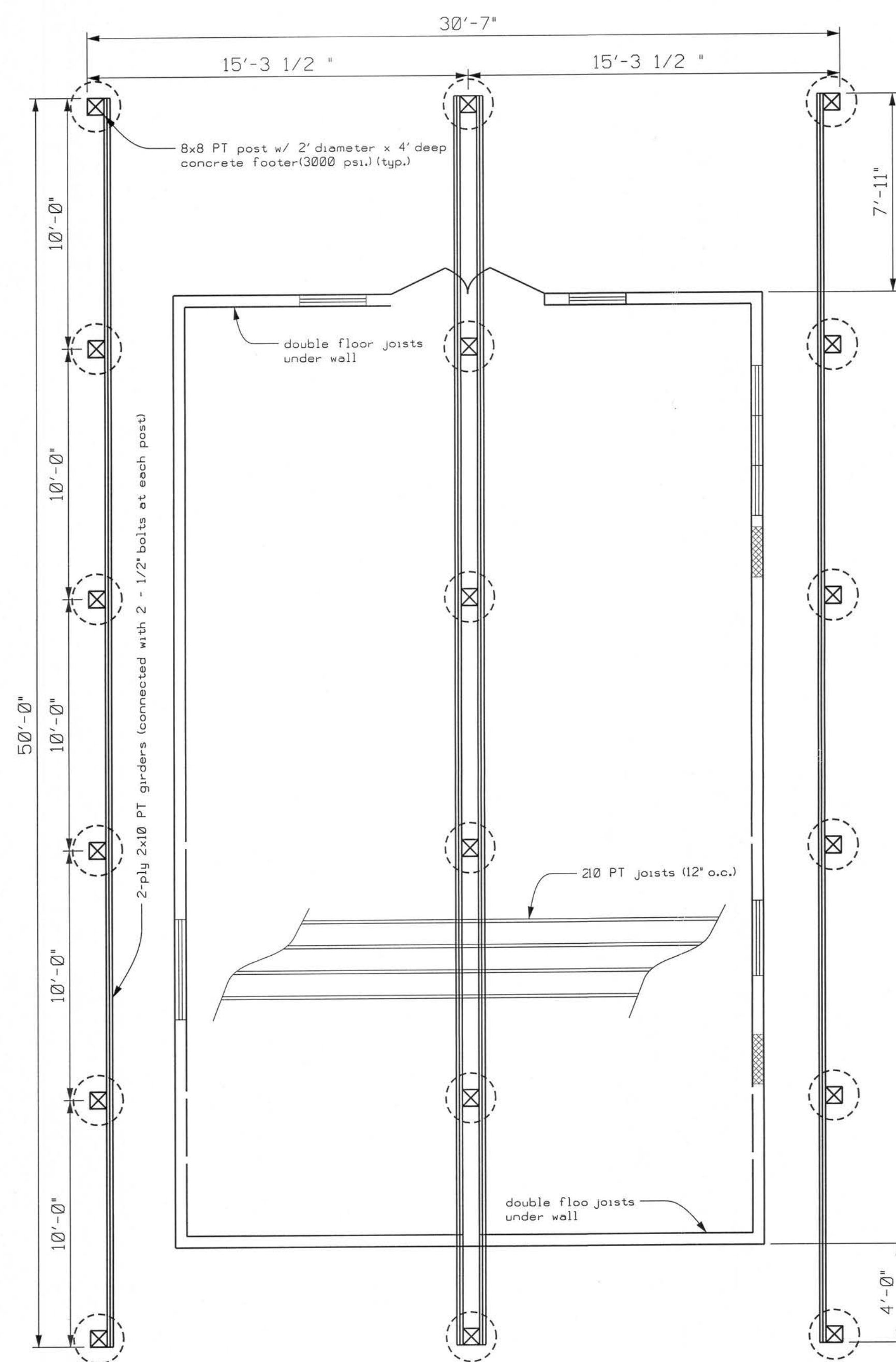
SQUARE FOOTAGE	
LIVING AREA	916 SF
PORCH	614 SF
TOTAL	1530 SF

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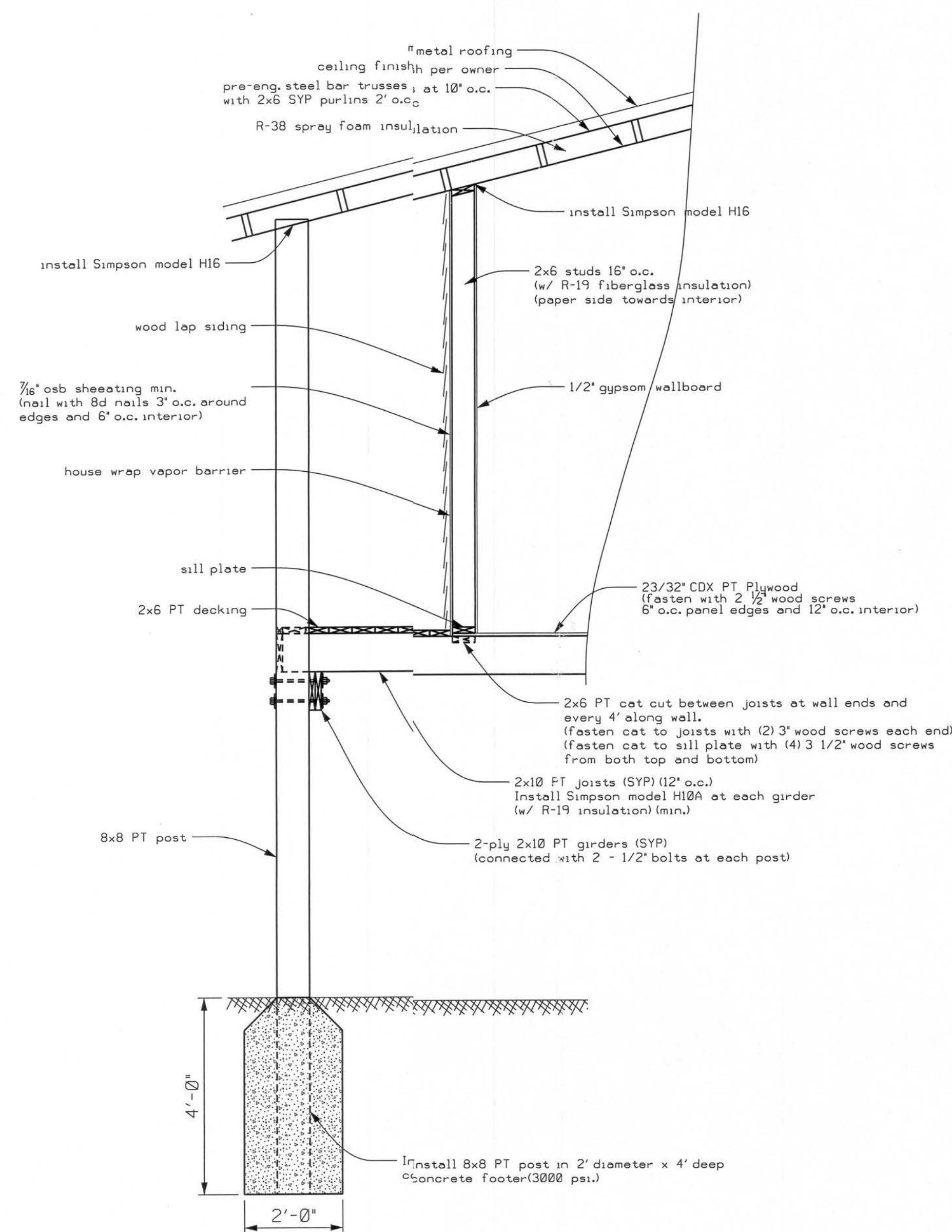
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FOUNDATION PLAN



TYPICAL WALL SECTION N.T.S.

GENERAL NOTES

- DESIGNED IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE.
- CODE REFERENCES
BUILDING CODE: FLORIDA BUILDING CODE - RESIDENTIAL & BUILDING, 2017
MECHANICAL CODE: FLORIDA BUILDING CODE - MECHANICAL & FUEL GAS, 2017
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE, 2017
PLUMBING CODE: FLORIDA BUILDING CODE - PLUMBING, 2017
- ALL COMPONENTS, SYSTEMS AND EQUIPMENT NOT SPECIFICALLY COVERED BY THESE PLANS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE CODE(S).

DESIGN CRITERIA

FLOOR LIVE LOAD:	40 psf
ROOF LIVE LOAD:	20 psf
ROOF SNOW LOAD:	ZERO psf
SEISMIC DESIGN CATEGORY:	A
SOIL DESIGN LOAD-BEARING CAPACITY:	2000 psf
FLOOD DESIGN DATA:	ZONE AE

WIND DESIGN DATA	
ULTIMATE DESIGN WIND SPEED, V_u (3-SECOND GUST):	120 mph
NOMINAL DESIGN WIND SPEED, V_w :	93 mph
RISK CATEGORY:	II
EXPOSURE CATEGORY:	B
INTERNAL PRESSURE COEFFICIENT:	± 0.18
IMPORTANCE FACTOR:	1.0
OCCUPANCY GROUP:	R-3
MEAN ROOF HEIGHT:	18'
ROOF CROSS SLOPE:	3:12

COMPONENT AND CLADDING DESIGN PRESSURES (psf)	
ROOF ZONE 1:	10.0 -15.0
ROOF ZONE 2:	10.0 -26.0
ROOF ZONE 3:	10.0 -39.0
WALL ZONE 4:	15.5 -16.0
WALL ZONE 5:	15.0 -20.0

STRAPPING AND ANCHOR REQUIREMENTS

TRUSS ANCHORS:

Install Simpson model H16 at each truss to post and truss to exterior wall location.

Install Simpson H2.5A anchor at each purlin to exterior (front, rear and intermediate) wall locations.

WALL STRAP TIES:

Install Simpson SSP (top and sill plate) at each corner (both ways) and every 4' along exterior walls. Install Simpson DSP (sill plate) and LSTA18 (across top plate and down stud) on either side of windows and doors.

For sill plate connection to floor joists.

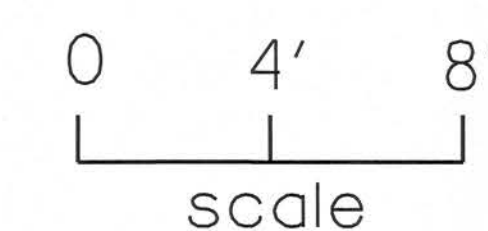
Front and Rear walls, screw sill plate to double 2x10 floor joist with (2) - 3 1/2" wood screws every 6". Left and Right walls, install a 2x6 PT cat cut between floor joist at wall ends and every 4' along wall. Fasten with two 3" wood screws each end of cat to joist. Fasten cat to sill plate with 4 - 3 1/2" wood screws from both top and bottom.

SHEATHING:

Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

HEADER SCHEDULE:

Header for windows and doors shall be 2"x12" SYP box header.



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