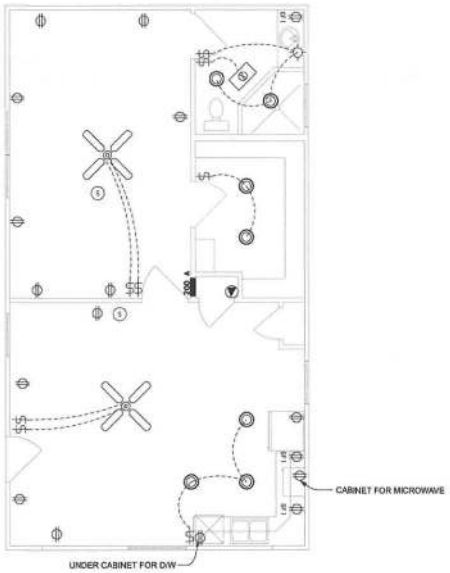


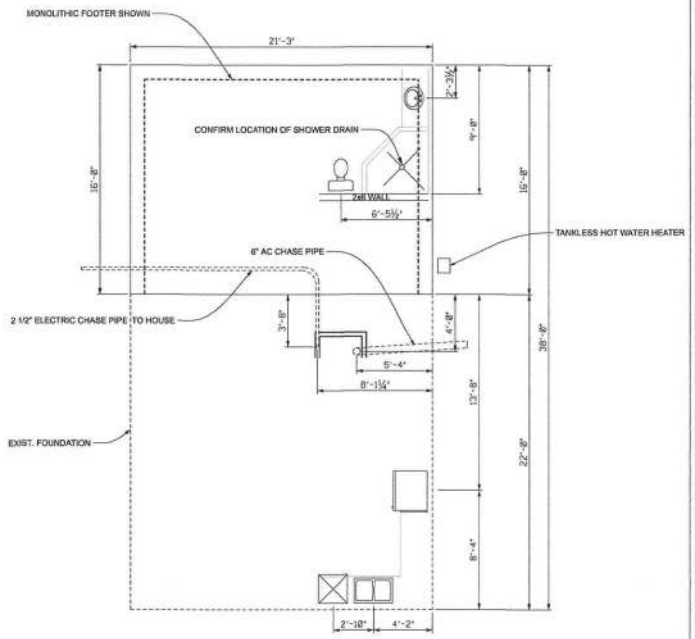
ELECTRICAL LEGEND

- CEILING FAN w LIGHTS
- LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- SINGLE POLE SWITCH
- RECEPT.
- GFI RECEPT OR PART OF A GFI CIRCUIT.
- EXHAUST (minimum 50 cfm)
- 220 V.
- SMOKE DETECTOR (AC/DC and interconnected)

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.
5. CONSULT THE OWNER FOR THE LOCATION OF TELEPHONE AND CABLE LINE(S) TO BE INSTALLED.
6. ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERCONNECTED.

ELECTRICAL PLAN



NOTES:

Confirm location of electrical, plumbing and HVAC pipes and conduits, with homeowner and contractor before pouring slab.

Monlithic footer shown.

FOUNDATION AND PLUMBING PLAN

CHRISTOPHER Q. DICKS LICENSE No. 64766 STATE OF FLORIDA PROFESSIONAL ENGINEER

0 4' 8'
scale

PLANS PREPARED BY:
CHRISTOPHER Q. DICKS, P.E. 64766
4037 SE CR 252, LAKE CITY, FL 32025

SCRIVENER RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET 4 OF 5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SEALED ROOF PLAN OPTIONS:

OPTION I

A layer of self-adhering polymer-modified bitumen underlayment complying with ASTM D1970 applied over the entire roof.

OPTION II

Either
(A min. 4-inch wide strip of self-adhering polymer-modified bitumen complying with ASTM D1970
or
A min. 3 3/4 - inch wide strip of self adhering flexible flashing tape complying with AAMA 711)
applied over all joints in the roofing deck.
with

One layer of 30# felt underlayment complying with
ASTM D226 Type II, ASTM D4869 Type III or IV, or ASTM D6757,
or a synthethic underlayment complying with
ASTM D226 Type II (min. tear strength 15 lbf ASTM D4533,
min. tensile strength 20 lbf/in ASTM D5035)

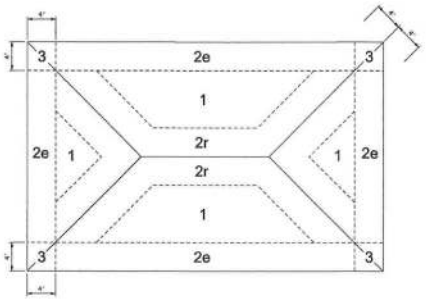
See installation below:

OPTION III

Two layers of 30# felt underlayment complying with
ASTM D226 Type II, ASTM D4869 Type III or IV, or ASTM D6757,
or a synthethic underlayment complying with
ASTM D226 Type II (min. tear strength 15 lbf ASTM D4533,
min. tensile strength 20 lbf/in ASTM D5035)

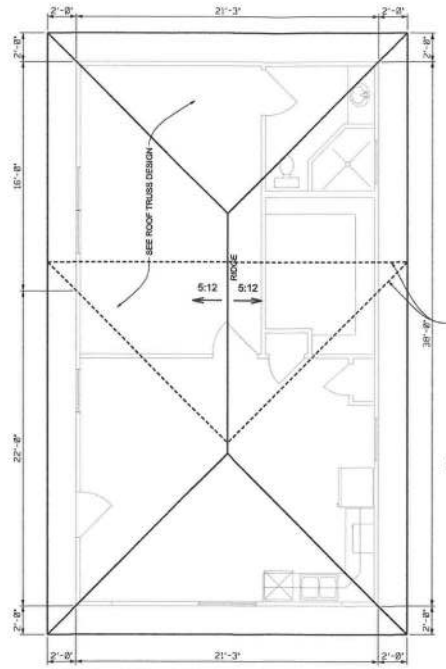
See Installation below:

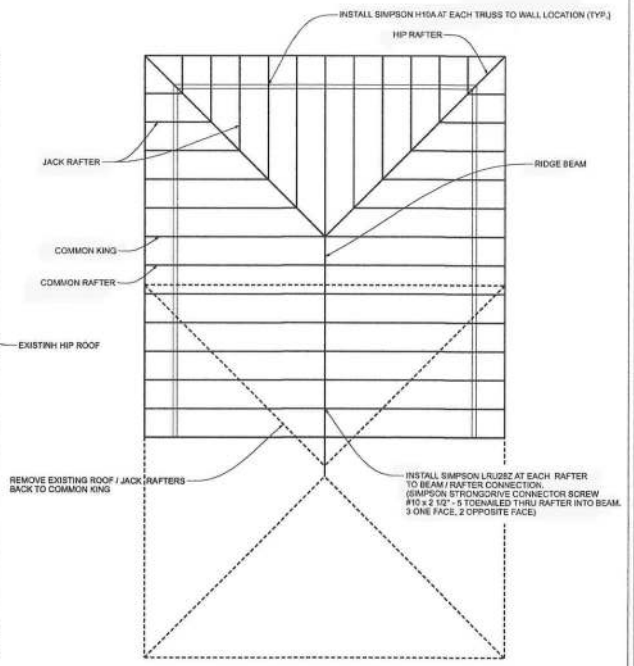
Installation:
Apply a 19-inch strip of underlayment felt parallel to and starting at the eaves, fastened sufficiently to hold in place. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches; end laps shall be 6 inches and shall be offset by 6 feet.
The underlayment shall be attached to a nailable deck with corrosion-resistant fasteners with one row centered in the field of the sheet with a maximum fastener spacing of 12 inches o.c., and one row at the end and side laps fastened 6 inches o.c. Underlayment shall be attached using annular ring or deformed shank nails with metal or plastic caps with a nominal cap diameter of not less than 1 inch.
Metal caps shall have a thickness of not less than 32-gage sheet metal. Powerdriven metal caps shall have a minimum thickness of 0.010 inch. The minimum thickness of the outside edge of plastic caps shall be 0.035 inch. The cap nail shank shall be not less than 0.083 inch for ring shank cap nails. The cap nail shank shall have a length sufficient to penetrate through the roof sheathing or not less than 3/4 inch into the roof sheathing.



ROOF COMPONENT AND CLADDING PRESSURE ZONES
(HIP ROOF) (7 TO <= 45 DEGREES)

ROOF SHEATHING FASTNERS			
PRESSURE ZONE	SHEATHING TYPE	FASTNER	SPACING
ALL ZONES	15/32" OSB	8d RING SHANK NAILS	6" O.C. EDGE 6" O.C. FIELD





RIDGE BEAM	2 - 1 3/4" x 14" LVL (2.0x10^6 E min.)
HIP RAFTER	1 - 1 3/4" x 9.25" LVL (2.0x10^6 E min.)
KING COMMON, COMMON RAFTERS, JACK RAFTERS	1 - 2x8 #2 SYP

0 4' 8'
scale

ROOF PLAN

PLANS PREPARED BY:
CHRISTOPHER Q. DICKS, P.E. 64766
4037 SE CR 252, LAKE CITY, FL 32025

SCRIVENER RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET 5 OF 5

SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-16)
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-13)
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2015 EDITION
APA PLYWOOD DESIGN SPECIFICATION
NATIONAL ELECTRICAL CODE, 2017

3. ALL COMPONENTS, SYSTEMS AND EQUIPMENT NOT SPECIFICALLY COVERED BY THESE PLANS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE CODE(S).

4. PROJECT INFORMATION

OCCUPANCY GROUP:	R-3
MEAN ROOF HEIGHT:	17'
ROOF CROSS SLOPE:	5:12 (see elevations)
WALL HEIGHT:	9' above slab
ROOF SNOW LOAD:	ZERO psf
SEISMIC DESIGN CATEGORY:	A
FLOOD DESIGN DATA:	ZONE X

5. WIND LOADS IN ACCORDANCE WITH ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7)

FLOOR AND ROOF LIVE LOADS

UNINHABITABLE ATTICS:	20 psf
HABITABLE ATTICS:	30 psf
ALL OTHER ROOMS:	40 psf
ROOFS:	20 psf

WIND DESIGN DATA

ULTIMATE DESIGN WIND SPEED, Vult, (3-SECOND GUST):	120 mph
NOMINAL DESIGN WIND SPEED, Vasd	93 mph
EXPOSURE CATERGORY:	B
IMPORTANCE FACTOR:	1.0
RISK CATEGORY:	II
ENCLOSURE CLASSIFICATION:	ENCLOSED
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18

COMPONENT AND CLADDING DESIGN PRESSURES (psf)

ROOF ZONE 1:	9.6	-17.07
ROOF ZONE 2e, 2r:	9.6	-23.56
ROOF ZONE 3:	9.6	-23.56
WALL ZONE 4:	12.75	-13.83
WALL ZONE 5:	12.75	-17.07

RESIDENTIAL FLOOR:	40 psf

WIND LOADS (BASED ON ASCE 7-16)
VELOCITY: 120 mph, USE FACTOR 1.0

CONCRETE STRENGTH @ 28 DAYS: 3000 psi

REINFORCING:

WELDED WIRE FABRIC SHALL CONFORM TO	ASTM A185
ALL REINFORCING BARS	ASTM A615-40 40,000PSI
ALL STIRRUPS AND TIES	ASTM A615-40 40,000PSI

CONCRETE MASONRY UNITS:
ASTM C90-99b, STANDARD WEIGHT UNITS, fm=1500 psi
MORTOR TYPE "S" 1800 psi
CONCRETE GROUT 3000 psi

STRUCTURAL STEEL:
ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 psi, U.N.O.
ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307

WOOD FRAMING:
BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O.
NO. 2 SOUTHERN YELLOW PINE (19% M.C.)
ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR OR OSB
WALL SHEATING: PLYWOOD C-C/C-D, EXTERIOR OR OSB

WOOD ROOF TRUSSES (DESIGN LOADS):

TOP CHORD LIVE AND DEAD LOAD	30 psf
BOTTOM CHORD DEAD LOAD	10 psf
TOTAL	40 psf

SOIL BEARING VALUE:
ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 psf

TRUSS ANCHORS:

Install the following Simpson anchor(s) at each truss to exterior wall/beam location.

Single ply trusses - Install Simpson H10A

WALL STRAP TIES:

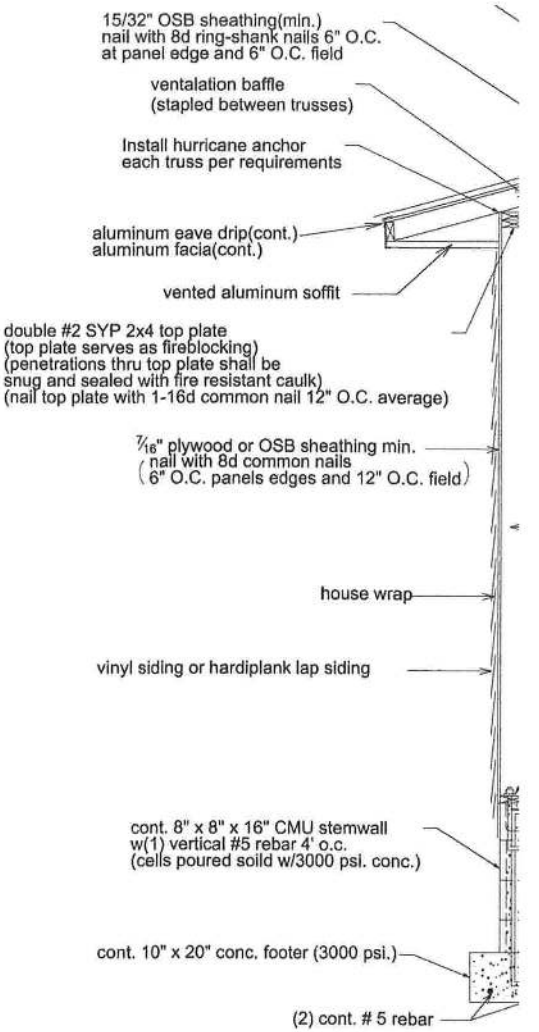
Install Simpson model SP4
One in each wall corner(both ways) and 4' o.c. along wall
For windows <= 4' install one each side
for windows and doors 4' <= 6' install two each side

SHEATHING:

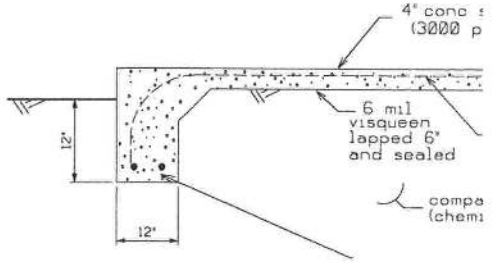
Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

HEADER SCHEDULE:

LOCATION	HEADER	KING STUDS / JACK STUDS
DOORS AND WINDOWS (0' to < 4')	2 - 2"x8" SYP w/ 7/16" PLYWOOD BETWEEN	1/1
DOORS AND WINDOWS (4' to <= 6')	2 - 2"x10" SYP w/ 7/16" PLYWOOD BETWEEN	2/2



WALL



SCRIVENER ADDITION
182 SW BETHANY LANE
COLUMBIA COUNTY, FL 32024

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Christopher Q Dicks

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

CHRISTOPHER Q. DICKS, P.E. NO. 64766
4037 SE COUNTY ROAD 252
LAKE CITY, FL 32025

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61g15-23.004, F.A.C.

PLAN SHEET INDEX

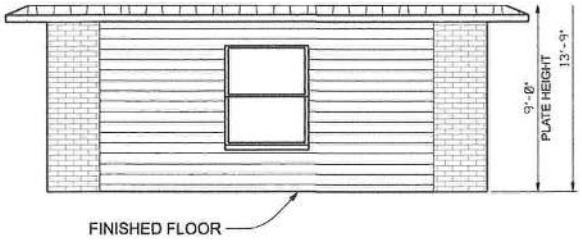
SHEET NO.	DESCRIPTION
1	TITLE / INDEX SHEET
2	PLAN / ELEVATION VIEW
3	DESIGN CRITERIA / STRAPPING AND ANCHOR REQUIRMENTS/ WALL TYPICAL
4	ELECTRICAL PLAN/ FOUNDATION AND PLUMBING
5	ROOF PLAN

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

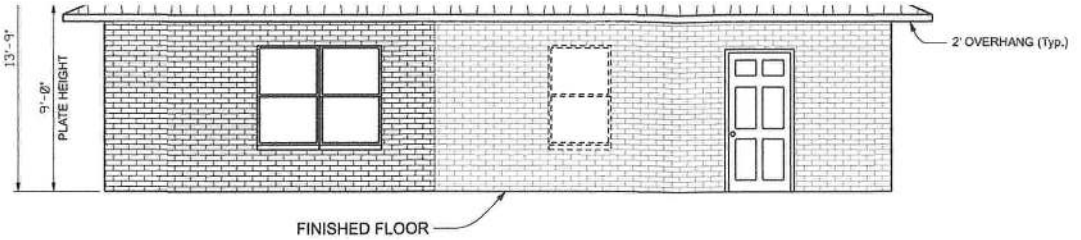
PLANS PREPARED BY:
CHRISTOPHER Q. DICKS, P.E. 64766
4037 SE CR 252, LAKE CITY, FL 32025

SCRIVENER RESIDENCE
COLUMBIA COUNTY, FLORIDA

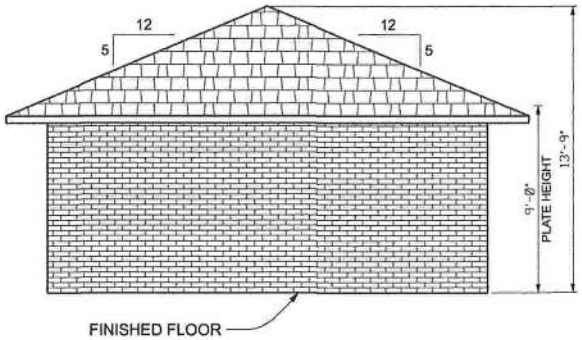
SHEET 1 OF 5



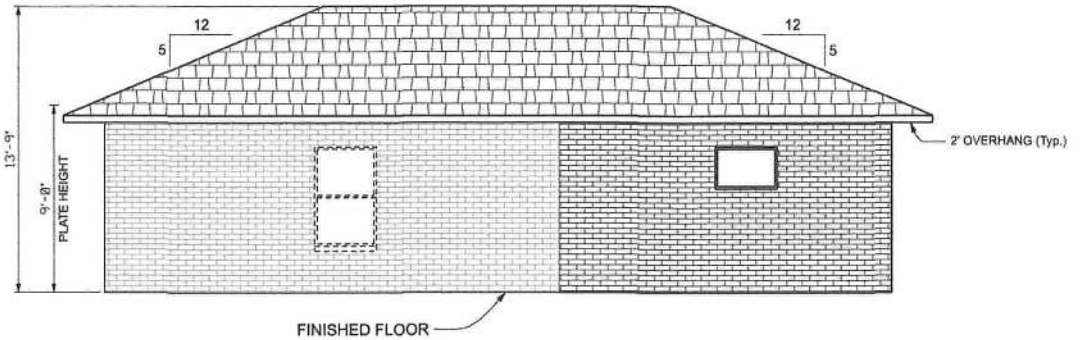
FRONT ELEVATION



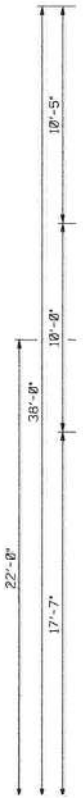
LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION



SQUARE FOOTAGE	
LIVING AREA	800 SF