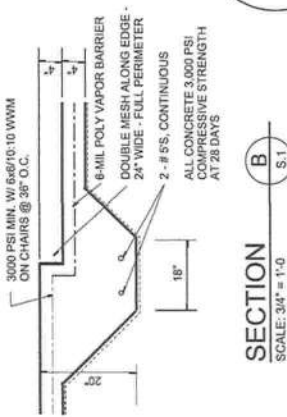
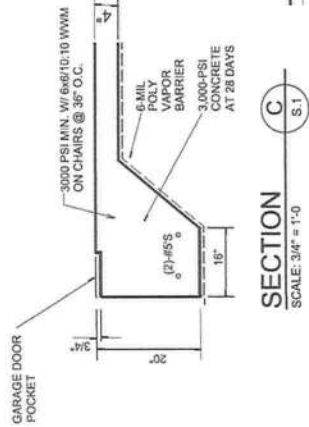
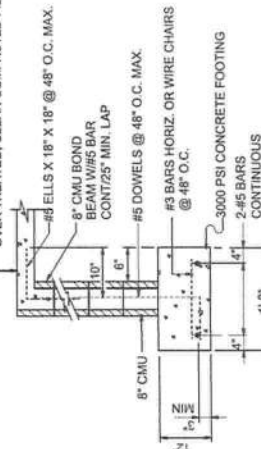


CONCRETE / MASONRY /
METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOIL'S ENGINEER, SOIL SHALL BE REMOVED TO A DEPTH OF 12" BELOW THE PROPOSED FINISH GRADE. THE REMOVED SOIL SHALL BE REPLACED WITH NON-EXPANSIVE SOILS. THE SOILS SHALL BE COMPACTED TO THE SPECIFIED DENSITY FOR PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE SUPPORTED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GROUND SHALL BE PLACED IN 12" LIFTS. BOTH SOIL SHAL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST. THE SOIL SHALL BE PLACED IN 12" LIFTS OVER THE REMOVED SOIL AND AREA, ON FRACTION (FOR EACH 12" LIFT).
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL REINFORCING SHALL BE MADE COLD.
5. WELDED WIRE MESH SHALL REINFORCE SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 45 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS. SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD RUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURERS PRODUCT. FINISH SHALL BE C-90 REQUIREMENTS WITH MEDIAN SURFACE FINISH - F'c = 1400 PSI.



NOTE! PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION ENGINEER. ANY INTERIOR BEARING LOCATIONS OR ANY PLAN LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MOORED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF REDEFINING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

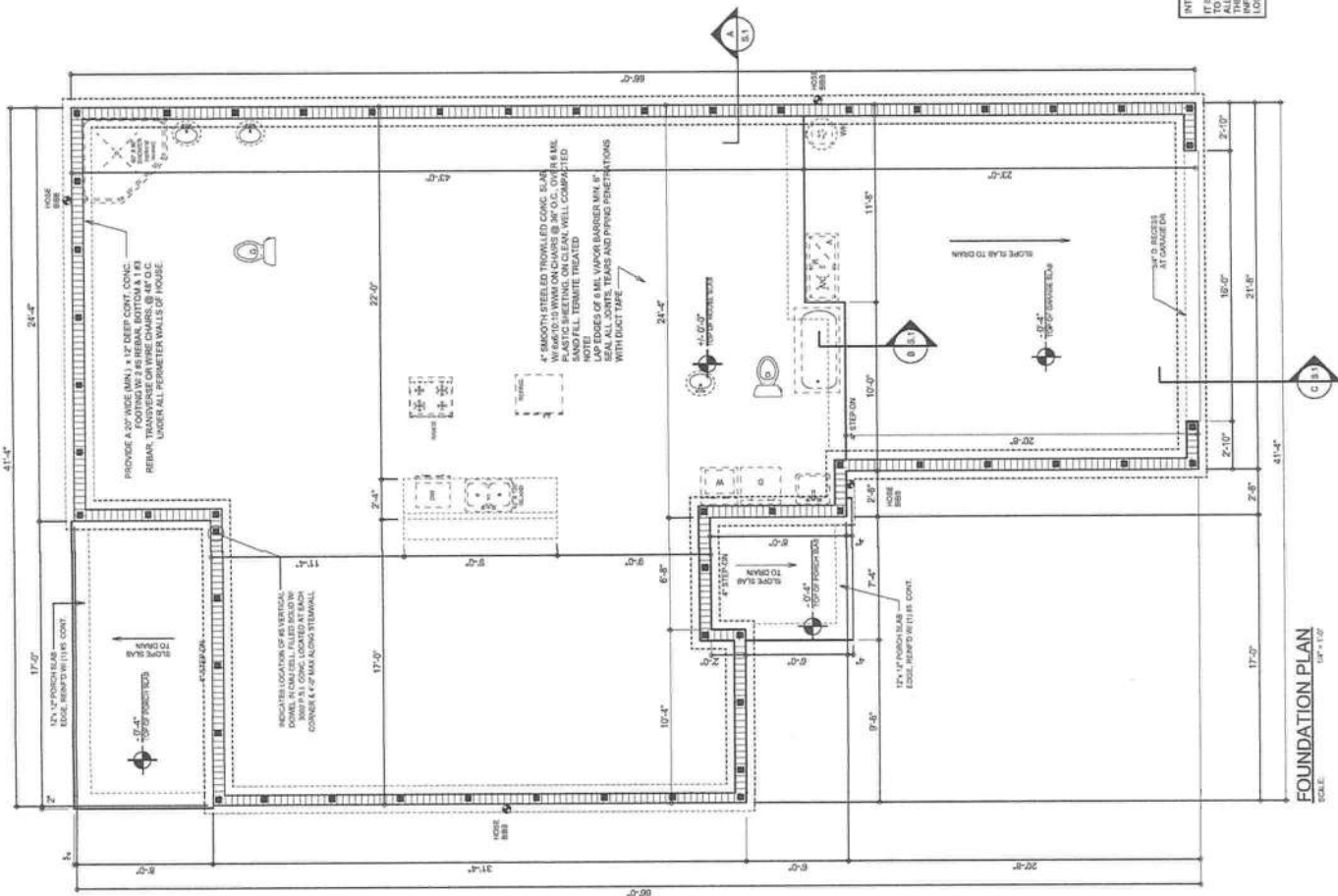


NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2020 FBC (7TH EDITION)
AND LOCAL JURISDICTION REQUIREMENTS.

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EACH LIFT SHALL BE COMPACTED TO 96% DRY
COMPACTION PER THE "MODIFIED PROCTOR
METHOD."

NOTE: PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE: H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK L.O.C., SIZES, LINES, EQUIPMENT SCH. & BALANCE REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWING TO OWNER & 1 COPY TO THE DESIGN ISSUING AUTHORITY.



INTERIOR BEARING WALLS:

IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FINISHES. THE ENGINEER OR ARCHITECT OF RECORD TRULY INFO. CO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.

NOTE: ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	April 12, 2022

FOUNDATION PLAN

MODEL 1585 FOR:
LOT 8, CROSSWINDS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA
RHETT SMITHEY

LAKE CITY, FLORIDA

AR0007005

**NICHOLAS
PAUL
GEISLER
ARCHITECT**
175B NW Brown Rd.
Lake City, FL 32055
(386) 395-4355

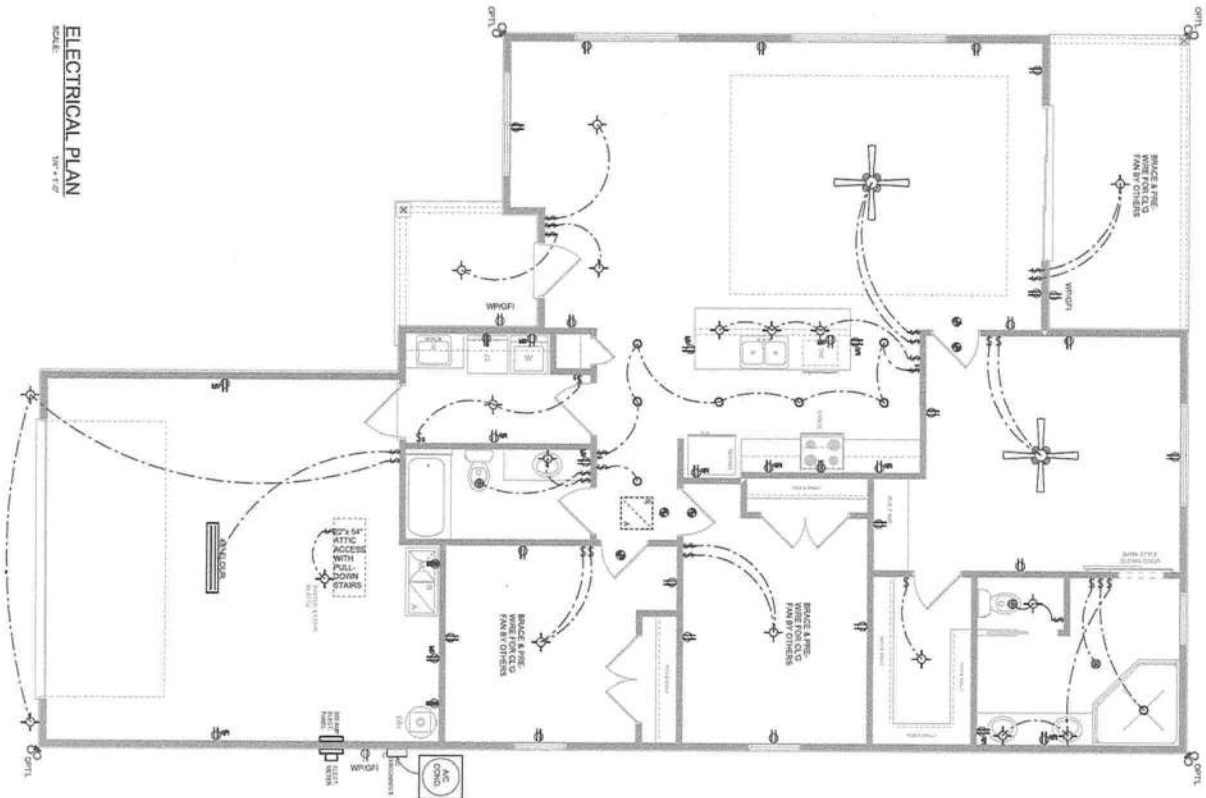
JOB NUMBER
20220401

SHEET NUMBER

OF 4 SHEETS

ELECTRICAL LEGEND	
	CEILING FAN (PREWIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (W/NO TAMPER RESISTANT)
	220V OUTLET
	GFI DUPLEX OUTLET (PER NEC 408.5)
	TELEVISION JACK
	CIRCUIT FOR HVAC UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (W/NO BEEPING)
	WALL SWITCH
	3-WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 1/8\"/>

NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI
AND ALL 2-WAY CIRCUIT INTERMEDIARY PER NEC 200.19 A TAMPER RESISTANT FAN
ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% EFFICIENCY
LIGHTING PER 150 ENERGY CONSERVATION RUL
ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR
AND SHALL HAVE BATTERY BACKUP POWER
AND SHALL BE TESTED HIGH SO 9 FAN ONE DAY IS ACTIVATED THEY
ALL ACTIVE
THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS
AND SHALL BE INSTALLED IN THE MAIN ELECTRICAL PANEL OR SUB
PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR
SHALL BE USED AS AN EQUIPMENT GROUND
IF IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO KNOW THAT ALL
ELECTRIC CODES AND ALL OTHER LOCAL CODES AND ORDINANCES



NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	
April 12, 2022	

SCOTT M
SMITHEY

ELECTRICAL PLAN
SCALE: 1/4\"/>

MODEL 1596 FOR:
LOT 8, CROSSWINDS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA
RHETT SMITHEY
LAKE CITY, FLORIDA

© WILSON &
ASSOCIATES, INC.
4000 W. GULF BLVD., SUITE 100
LAKE CITY, FLORIDA 33709
(386) 758-8408
www.wilsonandassociates.com

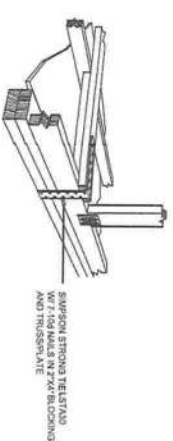


JOB NUMBER
20220401

SHEET NUMBER

A.3

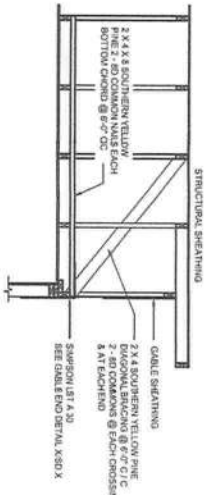
WILSON &
ASSOCIATES, INC.



**CABLE END GYPSUM DIAPHRAGM
HOLD-DOWN CONNECTOR**

SCALE: NONE

A.1

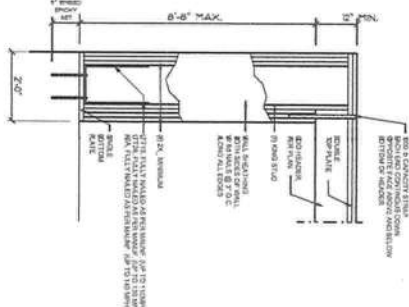


**END WALL BRACING FOR
CEILING DIAPHRAGM**

NTS
(ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

BUILDING COMPONENTS & CLADDING LOADS			
ZONE	AREA	WALL	ROOF
1	10	120.0	120.0
2	10	120.0	120.0
3	10	120.0	120.0
4	10	120.0	120.0
5	10	120.0	120.0
6	10	120.0	120.0
7	10	120.0	120.0
8	10	120.0	120.0
9	10	120.0	120.0
10	10	120.0	120.0
11	10	120.0	120.0
12	10	120.0	120.0
13	10	120.0	120.0
14	10	120.0	120.0
15	10	120.0	120.0
16	10	120.0	120.0
17	10	120.0	120.0
18	10	120.0	120.0
19	10	120.0	120.0
20	10	120.0	120.0
21	10	120.0	120.0
22	10	120.0	120.0
23	10	120.0	120.0
24	10	120.0	120.0
25	10	120.0	120.0
26	10	120.0	120.0
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28	10	120.0	120.0
29	10	120.0	120.0
30	10	120.0	120.0



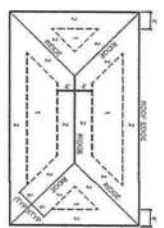
Garage End Wall Detail

SCALE: NTS

G

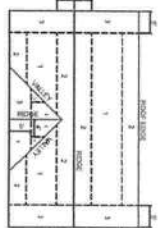
ROOF SHEATHING FASTENINGS			
FASTENING TYPE	FASTENER	SPACING	HEIGHT
1	1/2" x 3/4" NAIL	12" x 12"	15'
2	1/2" x 3/4" NAIL	12" x 12"	20'
3	1/2" x 3/4" NAIL	12" x 12"	25'

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS			
HEIGHT	EXPOSURE	EXPOSURE	EXPOSURE
15'	1.00	1.00	1.00
20'	1.00	1.00	1.00
25'	1.00	1.00	1.00
30'	1.00	1.00	1.00



Roof Sheathing Nailing Zones

(HIP ROOF)



Roof Sheathing Nailing Zones

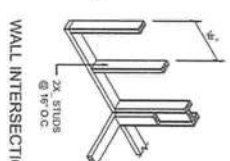
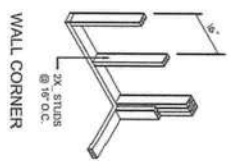
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

B

HEADER SPANS FOR EXTERIOR BEARING WALLS			
HEADER SIZE	SPAN # JOISTS	SPAN # JOISTS	SPAN # JOISTS
3x6	3-6"	3-6"	3-6"
3x8	3-8"	3-8"	3-8"
3x10	3-10"	3-10"	3-10"
3x12	3-12"	3-12"	3-12"
3x14	3-14"	3-14"	3-14"
3x16	3-16"	3-16"	3-16"
3x18	3-18"	3-18"	3-18"
3x20	3-20"	3-20"	3-20"
3x22	3-22"	3-22"	3-22"
3x24	3-24"	3-24"	3-24"
3x26	3-26"	3-26"	3-26"
3x28	3-28"	3-28"	3-28"
3x30	3-30"	3-30"	3-30"
3x32	3-32"	3-32"	3-32"
3x34	3-34"	3-34"	3-34"
3x36	3-36"	3-36"	3-36"
3x38	3-38"	3-38"	3-38"
3x40	3-40"	3-40"	3-40"
3x42	3-42"	3-42"	3-42"
3x44	3-44"	3-44"	3-44"
3x46	3-46"	3-46"	3-46"
3x48	3-48"	3-48"	3-48"
3x50	3-50"	3-50"	3-50"
3x52	3-52"	3-52"	3-52"
3x54	3-54"	3-54"	3-54"
3x56	3-56"	3-56"	3-56"
3x58	3-58"	3-58"	3-58"
3x60	3-60"	3-60"	3-60"
3x62	3-62"	3-62"	3-62"
3x64	3-64"	3-64"	3-64"
3x66	3-66"	3-66"	3-66"
3x68	3-68"	3-68"	3-68"
3x70	3-70"	3-70"	3-70"
3x72	3-72"	3-72"	3-72"
3x74	3-74"	3-74"	3-74"
3x76	3-76"	3-76"	3-76"
3x78	3-78"	3-78"	3-78"
3x80	3-80"	3-80"	3-80"
3x82	3-82"	3-82"	3-82"
3x84	3-84"	3-84"	3-84"
3x86	3-86"	3-86"	3-86"
3x88	3-88"	3-88"	3-88"
3x90	3-90"	3-90"	3-90"
3x92	3-92"	3-92"	3-92"
3x94	3-94"	3-94"	3-94"
3x96	3-96"	3-96"	3-96"
3x98	3-98"	3-98"	3-98"
3x100	3-100"	3-100"	3-100"



WALL CORNER

WALL INTERSECTION

NON-BEARING WALL HEADER

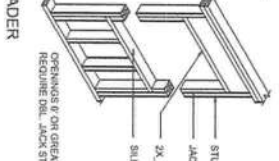
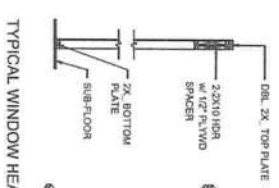
BEARING WALL HEADER

WALL CORNER

WALL INTERSECTION

NON-BEARING WALL HEADER

BEARING WALL HEADER



TYPICAL WINDOW HEADER

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TYPICAL WINDOW HEADER

TYPICAL WINDOW HEADER

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Wall Framing/Header DETAILS

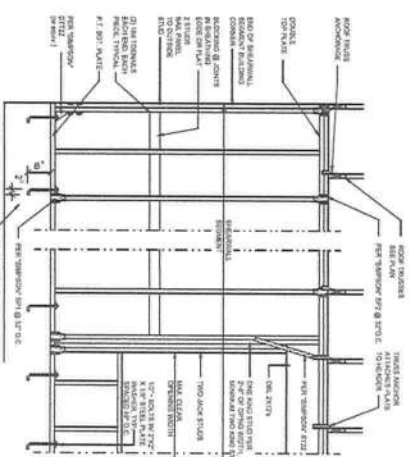
SCALE: NONE

F

Shear Wall Details

SCALE: NONE

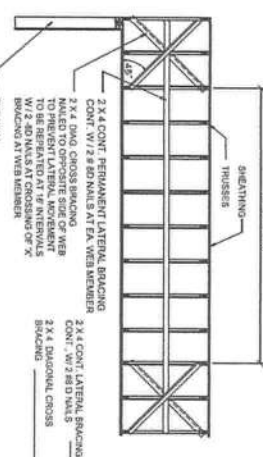
E



Truss Bracing Details

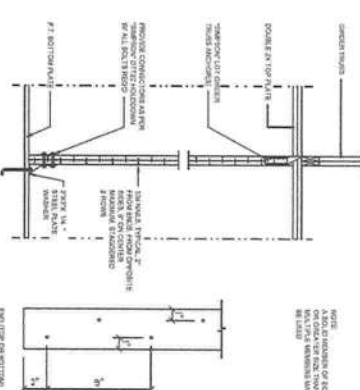
SCALE: AS NOTED

D



TYP. PERMANENT TRUSS BRACING DIA.

NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



Girder Truss Column DET.

SCALE: 1/2" = 1'-0"

C

GENERAL NOTES			
1	ALL DIMENSIONS SHALL BE IN FEET AND INCHES.		
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100	ALL DIMENSIONS SHALL BE IN FEET AND INCHES.		

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Rd.
Lake City, FL 32805
R.C.A.R.B. Certified (386) 365-4355



MODEL 1595 FOR:
LOT 8, CROSSWINDS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA
RHETT SMITHEY
LAKE CITY, FLORIDA

DETAILS SHEET
SCALE: 1/2" = 1'-0"

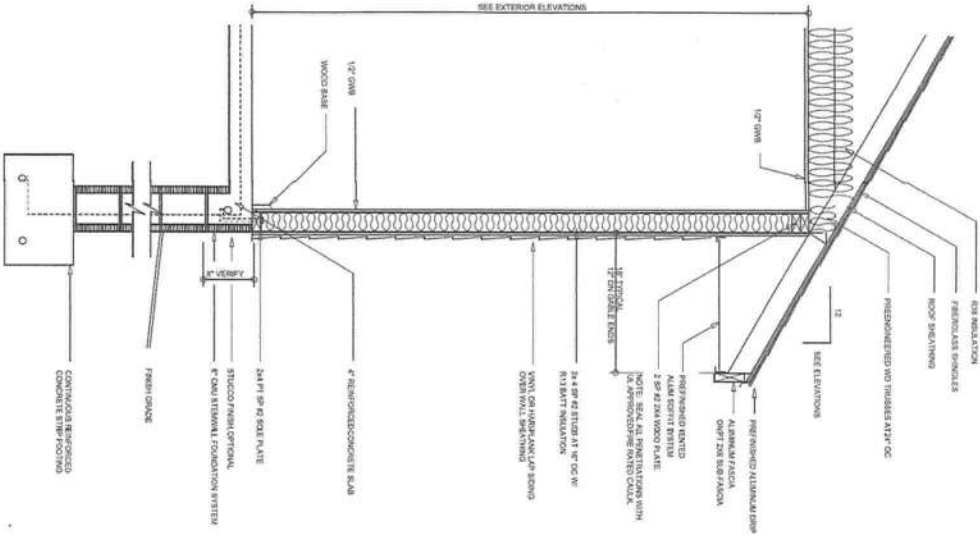
REVISIONS
April 12, 2022

SOFTPLAN

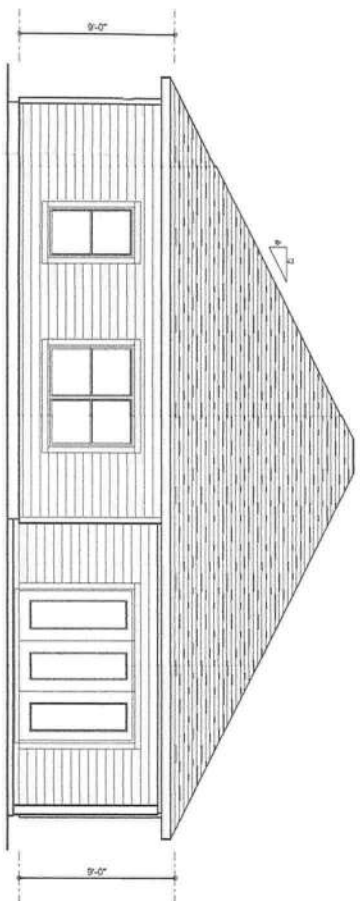
S.4
OF 4 SHEETS

JOB NUMBER
20220401

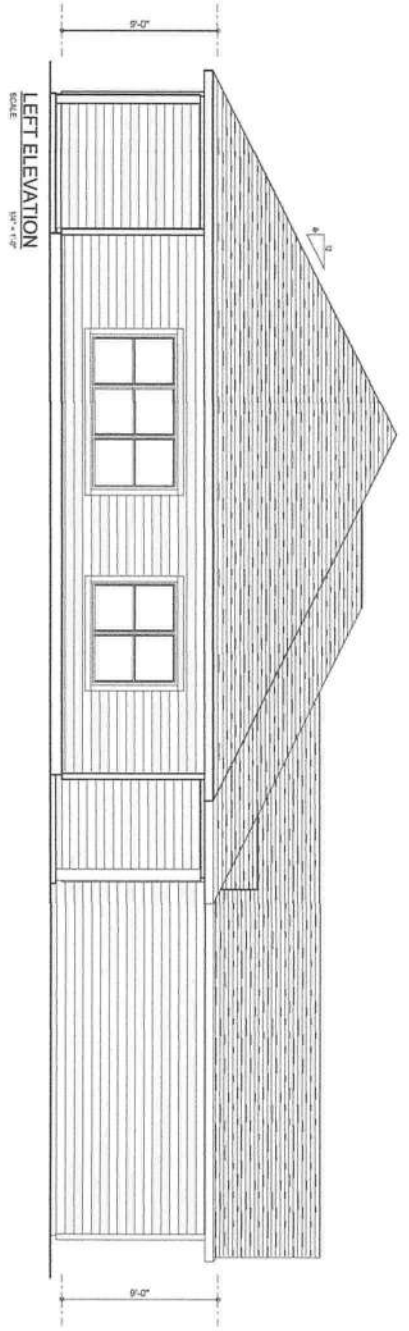
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S.4



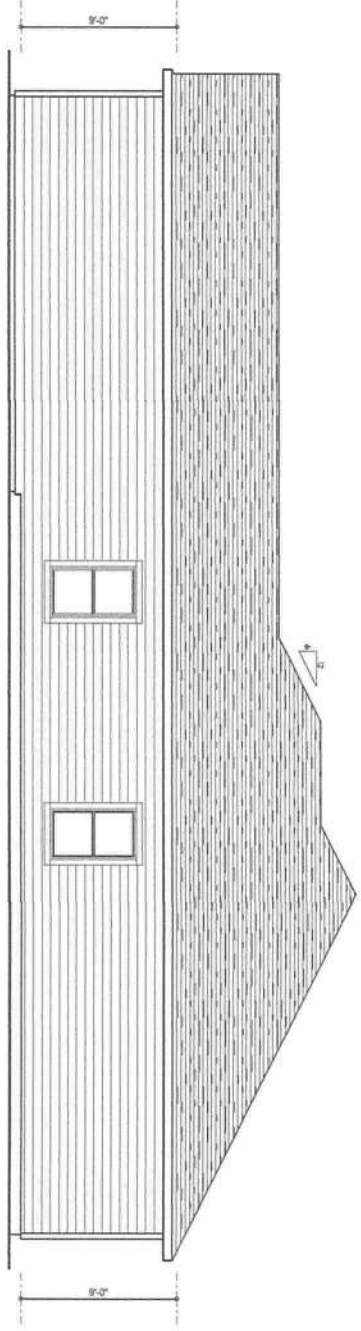
TYPICAL WALL SECTION
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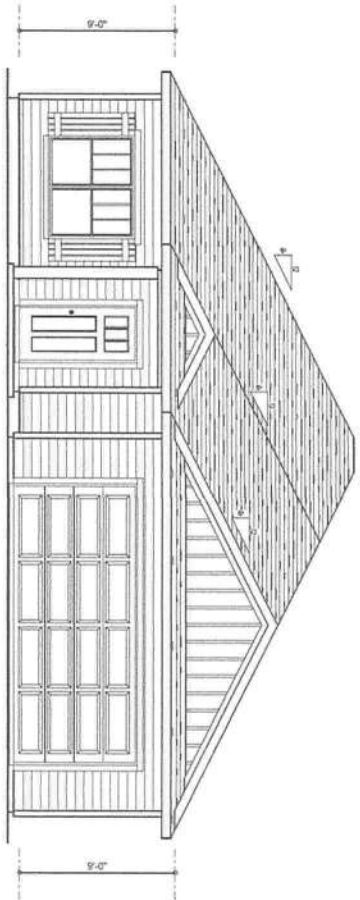
REAR ELEVATION
SCALE: 1/4\"/>



LEFT ELEVATION
SCALE: 1/4\"/>



RIGHT ELEVATION
SCALE: 1/4\"/>



FRONT ELEVATION
SCALE: 1/4\"/>

NOTE: ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	
1	April 11, 2022

EXTERIOR ELEVATIONS
SCALE: 1/4\"/>

TYPICAL WALL SECTION
SCALE: 1\"/>

MODEL 1595 FOR:
LOT 8, CROSSWINDS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA
RHETT SMITHEY
LAKE CITY, FLORIDA

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ASSOCIATES, INC.
1000 W. 10TH AVE. SUITE 100
LAKE CITY, FL 32025
(386) 758-8408
www.wmc-s-n.com

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