

# SPICER STRUCTURAL PACKAGE

## RESIDENTIAL ADDITION

### COLUMBIA COUNTY, FLORIDA

REVISION SCHEDULE		
REV.	DATE	REVISION DESCRIPTION
0	10-08-21	RELEASE FOR CONSTRUCTION


DRAWING INDEX - BUILDING PACKAGE		
SHEET NUMBER	SHEET TITLE	REV # REV DATE
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SPICER  
RESIDENTIAL  
ADDITION

T-1

JOB NUMBER:



COVER

COLUMBIA COUNTY  
FLORIDA

AUTH #30824  
GARY GILL, PE #51942  
426 SW COMMERCE  
DR. 130-M  
LAKE CITY, FL 32025  
386-590-1242



DESIGN CRITERIA

DESIGN PER 2020 FLORIDA BUILDING CODE

LINE LOADS:

1. ROOFS AND CANOPIES:	
201 TO 600 SF	14PSF
OVER 600 SF	14PSF
STAIRS:	12PSF
FLOORS:	10PSF
CORRIDORS:	50PSF
LOBBIES:	60PSF
BALCONIES:	60PSF
PARTITION LOAD (DEAD LOAD):	20PSF
2. THIS BUILDING IS NOT LOCATED IN THE WIND BORNE DEBRIS REGION. IMPACT RESISTANT GLAZING IS NOT REQUIRED.	
WIND DESIGN INFORMATION	
WIND SPEED:	130 MPH
WIND EXPOSURE:	B
INTERNAL PRESSURE:	+/- 0.18
CLADDING COMPONENTS	
ZONE 1: 10 S.F.	23.7-25.8 PSF
ZONE 2: 10 S.F.	23.7-30.3 PSF
ZONE 3: 10 S.F.	23.7-30.3 PSF
ZONE 4: 10 S.F.	25.8-28.1 PSF
ZONE 5: 10 S.F.	25.8-24.7 PSF

CONCRETE

1. ALL CONCRETE DESIGNED PER CURRENT EDITION OF ACI 318
2. ALL CONCRETE SHALL BE CONTROLLED CONCRETE.
3. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
  - A. FOUNDATION WALLS, PIERS AND FOOTINGS: 3000 PSI
  - B. SLABS ON GRADE: 3000 PSI
  - C. ALL OTHER CONCRETE: 3000 PSI
4. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A NOMINAL AIR DRY DENSITY OF 145 PCF.
5. PROVIDE CONSTRUCTION JOINTS WHERE SHOWN, BUT NONE AND ADD NONE WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER. SUBMIT DRAWINGS SHOWING ALL PROPOSED CONSTRUCTION JOINT LOCATIONS FOR APPROVAL PRIOR TO PREPARATION OF AFFECTED REINFORCEMENT SHOP DRAWINGS.
6. MINIMUM ELAPSED TIME BETWEEN ADJACENT CONCRETE PLACEMENTS SHALL BE 48 HRS.
7. CONCRETE MIX DESIGN FOR EACH TYPE AND GRADE OF CONCRETE SPECIFIED SHALL BE SUBMITTED FOR ARCHITECT/ENGINEER REVIEW 30 DAYS PRIOR TO PLACEMENT OF CONCRETE.
8. ALL REINFORCING STEEL ASTM A615 GRADE 60. ALL WELDED WIRE FABRIC ASTM A185

ROUGH CARPENTRY

1. COMPLY WITH THE MOST CURRENT ADDITION OF THE "NFA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION MANUAL," AND THE MOST CURRENT ADDITION OF THE AMERICAN INSTITUTE OF WOOD CONSTRUCTION "TIMBER CONSTRUCTION MANUAL."
2. PROVIDE NEW LUMBER AND PLYWOOD WITH GRADE WHICH INDICATES SPECIES, MILL NUMBER, MOISTURE CONTENT WHEN SURFACED, AND GRADE OR STRESS RATING STAMPS FROM THE ASSOCIATIONS HAVING JURISDICTION.
3. FASTEN STUDS AND RAFTERS WITH WND TIES/CLIPS, JOISTS AND RAFTERS TO SIDE OF BEAMS WITH HANGERS, AND SHEAR WALLS WITH HOLD-DOWNS USING PROPRIETARY STEEL CONNECTORS.
4. PRESSURE TREAT ALL STRUCTURAL LUMBER IN COMPLIANCE WITH SPECIFICATIONS.
5. PROVIDE HOT DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS AND HARDWARE CONNECTORS AT PRESSURE TREATED STRUCTURAL LUMBER.
6. PROVIDE WOOD HARDWARE CONNECTORS AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY INC."

FLOOR AND ROOF CONSTRUCTION

1. PROVIDE SOUTHERN PINE NO. 2 OR BETTER LUMBER FOR JOISTS AND RAFTERS SURFACED DRY WITH MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF DRESSING.
2. LOCATE JOISTS AND RAFTERS DIRECTLY OVER WALL STUDS.
3. PROVIDE DOUBLE JOIST UNDER WALL, PARALLEL TO JOISTS.
4. NOTCHES IN JOISTS SHALL NOT EXCEED 1/8 OF THE JOIST DEPTH AND SHALL NOT BE IN THE MIDDLE THIRD OF THE SPAN. BORED HOLES SHALL NOT BE WITHIN 2" OF JOIST EDGES AND SHALL NOT EXCEED 1/3 OF THE DEPTH OF THE JOIST.
5. INSTALL ONE LINE OF 1"x3" CROSS BRIDGING FOR EACH 8'-0" OF FLOOR FRAMING. INSTALL 2" SOLID BLOCKING BETWEEN JOISTS OVER ALL BEAMS OR OTHER SUPPORTING MEMBERS.
6. PROVIDE 5/8" APA STRUCTURAL 1 PLYWOOD SHEATHING EXTERIOR EXPOSURE FOR SUBFLOORS AND COVER WITH 5/8" TONGUE AND GROOVE INTERIOR TYPE WITH EXTERIOR GLUE, UNDERLAYMENT GRADE PLYWOOD.

PREFABRICATED TRUSSES

1. DESIGN FABRICATE AND INSTALL METAL PLATE CONNECTED TRUSSES MEETING TRUSS PLATE INSTITUTE TP-1, 1995 AND THE MOST CURRENT COPY OF THE AMERICAN FOREST AND PAPER ASSOCIATION NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
2. SUBMIT SHOP DRAWINGS TO THE ARCHITECT SHOWING ERECTION PLAN FABRICATED ASSEMBLIES, AND ACCESSORIES, SHOW MEMBER DESIGNATION, SIZES AND CONNECTIONS, SUBMIT DESIGN CALCULATIONS PREPARED BY A LICENSED ENGINEER INDICATING STRENGTHS, STABILITY, AND SERVICEABILITY OF MEMBERS AND CONNECTIONS.
3. PROVIDE KILN-DRIED LUMBER MEETING OR EXCEEDING THE FOLLOWING DESIGN VALUES:  
Fb = 1,400 PSI; Ft = 925 PSI; Fc = 1,500 PSI; AND E = 1,800,000 PSI.
4. BRACE ROOF TRUSSES TO PROVIDE STABILITY DURING AND AFTER CONSTRUCTION.

REINFORCING

1. ALL BAR REINFORCEMENT SHALL CONFORM TO ASTM 615 GRADE 60
2. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185
3. DEVELOPMENT LENGTHS FOR REINFORCING BARS SHALL BE AS FOLLOWS:
  - A. UNIFORMED SURFACES IN CONTACT WITH GROUND
  - B. SLABS ON GRADE
  - C. FORMED SURFACE IN CONTACT WITH GROUND
  - D. IN ALL CASES, CLEARANCE NOT LESS THAN DIAMETER OF BARS.NOTE: MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE + 1/4" FOR SECTIONS 10" OR LESS AND + 1/2" FOR SECTIONS OVER 10" THICK.
4. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS UNLESS OTHERWISE INDICATED ON DRAWINGS.
5. WHERE REINFORCEMENT IS NOT SHOWN ON DRAWINGS, PROVIDE REINFORCEMENT IN ACCORDANCE WITH APPLICABLE TYPICAL DETAILS OR SIMILAR TO THAT SHOWN FOR MOST NEARLY SIMILAR SITUATIONS, AS DETERMINED BY THE ARCHITECT/ENGINEER. IN NO CASE SHALL REINFORCEMENT BE LESS THAN MINIMUM PERMITTED BY APPLICABLE CODES.
6. ALL WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315)
7. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT/ENGINEER OR OWNER TESTING AGENCY BEFORE CONCRETE IS PLACED.
8. WHERE CONTINUOUS BARS ARE CALLED FOR THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS, LAPPED AT NECESSARY SPLICES AND HOOKED AT DISCONTINUOUS ENDS.
9. WELDED WIRE FABRIC SHALL BE LAPPED ONE FULL MESH PANEL OR 6" MINIMUM.
10. ALL REINFORCING SPLICES SHALL CONFORM TO THE TABLE(S) PROVIDED IN THE GENERAL NOTES FOR STRENGTH OF CONCRETE BUT IN NO CASE LESS THAN THE REQUIREMENTS OF THE LATEST EDITION OF ACI 318.
11. SLABS AND WALLS SHALL NOT BE SLEEVED OR BOXED OUT OR HAVE THEIR REINFORCING INTERRUPTED EXCEPT AS SPECIFICALLY NOTED ON THE DRAWINGS. PROVIDE ADDITIONAL REINFORCEMENT AROUND OPENINGS AS SHOWN IN THE DETAILS.
12. SUBMIT CHECKED SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION OF REINFORCING. DRAWINGS SHALL SHOW REINFORCING DETAILS, INCLUDING ALL REINFORCING BARS AND SUPPORT DETAILS. SHOP DRAWINGS SHALL INDICATE ALL CORNERS, CURBS, DEPRESSIONS, SLEEVES AND OPENINGS, ETC., WITH ALL ADDITIONAL REINFORCING REQUIRED.
13. BAR SUPPORTS SHALL BE GALVANIZED OR STAINLESS STEEL. BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE GALVANIZED AND PLASTIC TIPPED.
14. SLAB AND WALL REINFORCING LAP SPLICE LENGTHS:  
LAP SPLICE LENGTHS FOR REINFORCING IN 4000 PSI CONCRETE ARE AS FOLLOWS:

BAR SIZE	TOP	OTHER	DEVELOPMENT LENGTH
3	21	15	13
4	28	20	17
5	35	25	21
6	43	31	25
7	54	39	32
8	66	47	40

LAP SPLICE LENGTHS FOR REINFORCING IN 3000 PSI CONCRETE ARE AS FOLLOWS:

BAR SIZE	TOP	OTHER	DEVELOPMENT LENGTH
3	21	15	13
4	28	20	17
5	35	25	21
6	46	33	27
7	63	45	37
8	82	59	49

NOTES:

1. LAPPED SPLICE LENGTHS BASED ON ASTM A-615, GRADE 60, REBAR
2. REINFORCING BARS ARE CLASSIFIED AS TOP BARS WHEN MORE THAN 12" OF CONCRETE IS CAST BENEATH RESPECTIVE REINFORCING BAR.
3. COMPRESSION SPLICES PERMISSIBLE ONLY WHERE SPECIFICALLY NOTED ON THE DRAWINGS. DETAILS OR SCHEDULE.
4. TENSION SPLICES SHALL BE USED IN ALL BEAMS, SLABS AND WALLS UNLESS OTHERWISE NOTED
5. WHEN LAPPING LARGER BAR WITH SMALLER BAR, LAP LENGTH FOR SMALLER BAR SHALL GOVERN RESPECTIVE SPLICE
6. PROVIDE 6" MINIMUM CLEARANCE BETWEEN REINFORCING BARS AT CENTER OF CLEAR SPAN WITH COMPRESSION SPLICES
7. ALL REINFORCING BARS AT CENTER OF SUPPORTING SPLICE CONTINUOUS BOTTOM REINFORCING BARS AT CENTER OF SUPPORTING ELEMENT WITH COMPRESSION SPLICES
8. ALL SPLICE LENGTHS NOTED IN INCHES

SUPPLEMENTARY NOTES

1. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE, UNLESS OTHERWISE SPECIFIED. SUBSTITUTED, SCREEN SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSSES SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE.
2. TRUSS ENGINEER MAY PROVIDE ALTERNATE CONNECTIONS.
3. PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED.
4. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
5. EMBEDMENT FOR EXPANSION BOLTS SHALL BE 6" MINIMUM FOR 1/2" BOLTS IN CONCRETE. 5/8" IN GROUTED MASONRY, 1/2" IN GROUTED SYSTEM BY HILTI (HILTI REBOL). IF HOLE IS CORED INSTEAD OF DRILLED OR APPROVED EQUAL, UNLESS EMBEDMENT SHALL BE 12 BAR DIAMETERS MINIMUM. UNLESS HOLE SHALL BE 1/2" LARGER THAN REBAR SIZE, AND 1/2" LARGER THAN THREADED ROD SIZE. HOLE SHALL BE BRUSHED OUT WITH BOTTLE BRUSH, AND THEN BLOW OUT WITH AIR USING A COMPRESSOR WITH A FUNCTIONAL OIL TRAP. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
6. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE OF THE PROJECT. GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER. SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTOR'S SHOP DRAWING STAMP OR HAVE BEEN MERELY "RUBBER STAMPED" SHALL BE RETURNED WITHOUT REVIEW.
7. CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING. THE CONTRACTOR IS LIABLE FOR ANY DEVIATIONS, UNLESS REVIEWED AND ACKNOWLEDGED BY THE ENGINEER. SHOP DRAWING SUBMITTALS SHALL ONLY BE CHECKED FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS.

TERMITE PROTECTION NOTES:

1. SOIL CHEMICAL BARRIER METHOD.
2. A PERMANENT SIGN THAT IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 190.2.8
3. CONCRETE AND MASONRY WALLS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM FOUNDATION.
4. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 190.3.4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS AND FINAL EARTH FINISH SHALL NOT BE LESS THAN 6" EXCEPTION: PAINT AND DECORATIVE CEMENTITIOUS FINISH SHALL NOT BE LESS THAN 3/4" THICK ADHERED DIRECTLY TO FOUNDATION WALL. FBC 191.6.1.1
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 191.6.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 191.6.1.2
7. MINIMUM 6" MIN. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 191.6.1.4
8. CONCRETE COVER AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED TO THE EXPOSED SOIL SURFACE. FBC 191.6.1.5
9. SOIL TREATMENT SHALL BE APPLIED TO EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 191.6.1.6
10. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 191.6.1.6
11. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. FBC 191.6.1.6
12. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 191.6.1.7
13. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 503.1.3
14. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 5203.1.4

REVISION SCHEDULE

REV.	DATE	REVISION DESCRIPTION
0	10-08-21	RELEASE FOR CONSTRUCTION

AUTH #30824  
GARY GILL, PE #51942  
426 SW COMMERCE  
DR. 130-M  
LAKE CITY, FL 32025  
386-590-1242

*Gill*  
Engineering Services, Inc.

GENERAL NOTES  
COLUMBIA COUNTY  
FLORIDA

SPICER  
RESIDENTIAL  
ADDITION

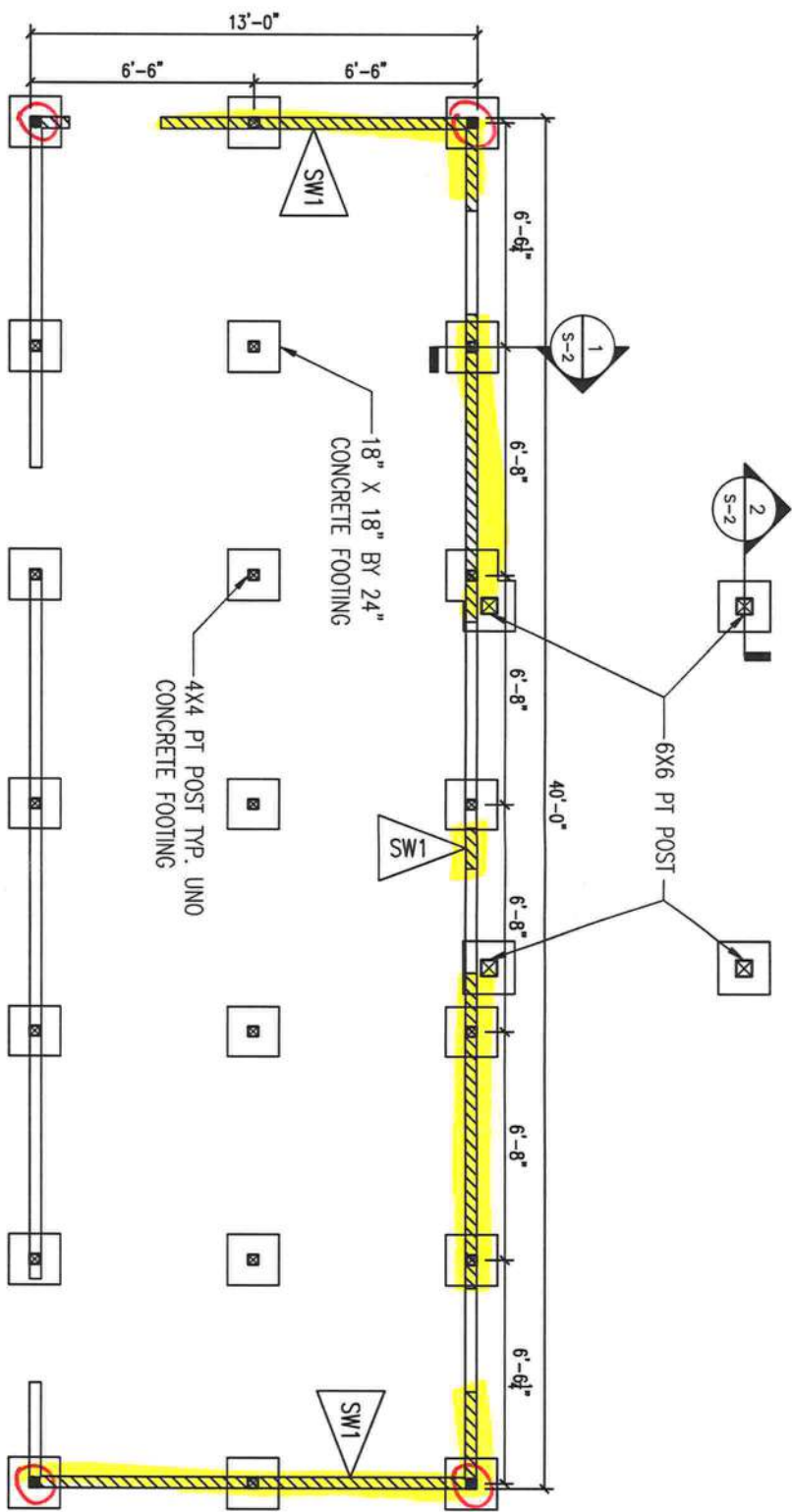
G-1

JOB NUMBER:





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# **FOUNDATION PLAN**

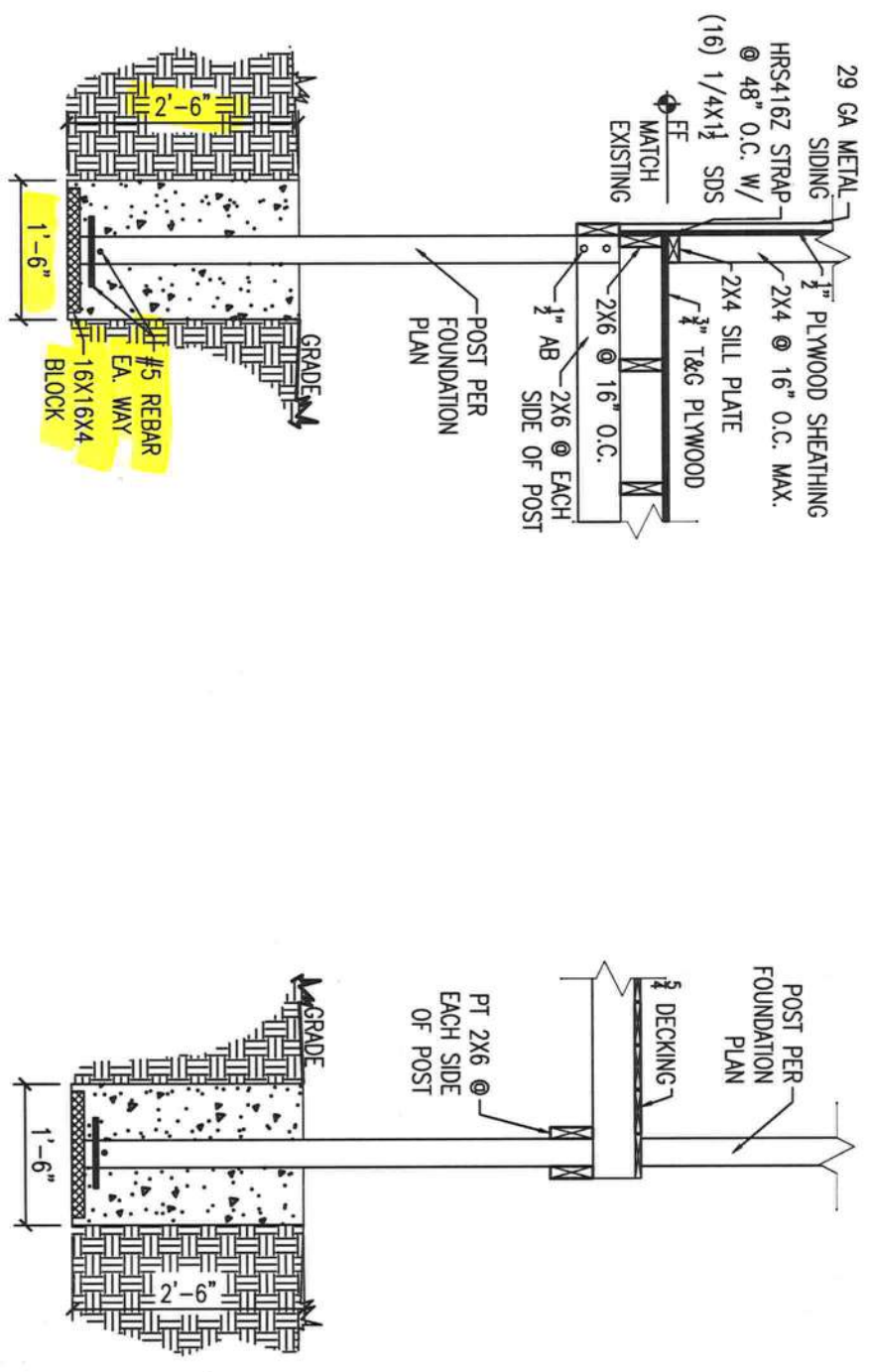
3/16" = 1'

FOUNDATION SCHEDULE  
 zzzz = EXTERIOR SHEARWALL  
 = HOLDDOWN CONNECTION

SHEARWALL SCHEDULE			
MARK	SHEATHING	NAILING PATTERN	HOLDDOWN REQUIREMENTS
SW1	MIN. 1/2" OSB SHEATHING	8d NAILS @ 4" O.C. EDGES AND 8" O.C. FIELD	STD10 W/ (24) .0148" X 3/4" NAILS



SPICER RESIDENTIAL ADDITION			AUTH #30824 GARY GILL, PE #51942 426 SW COMMERCE DR. 130-M LAKE CITY, FL 32025 386-590-1242
S-1	FOUNDATION PLAN		
JOB NUMBER:	COLUMBIA COUNTY FLORIDA		



1 FOOTING DETAIL  
1/2"=1'

2 FOOTING DETAIL  
1/2"=1'

STUD FASTENER SCHEDULE

LOCATION	STUD/PLATE	TRUSS UPLIFT	UPLIFT ON STUD	SPACING (STAGGERED)		FASTENER		NAILS REQUIRED	
				TOP PLATE	BOTTOM PLATE	QUANTITY	ITEM #	STUD	PLATE
STUD	2X4	< 549 #	< 368 #	32" O.C.	32" O.C.	1	SP4	(6) 10d X 1 1/2	-
	2X6	< 549 #	< 368 #	32" O.C.	32" O.C.	1	SP6	(6) 10d X 1 1/2	-
	2X	< 743 #	< 445 #	32" O.C.	32" O.C.	1	SP2	(6) 10d	(6) 10d
	2X	< 1328 #	< 890 #	16" O.C.	16" O.C.	1	SP2	(6) 10d	(6) 10d
	2X	< 1015 #	< 680 #	32" O.C.	32" O.C.	1	SPH4	(12) 10d X 1 1/2	-
	2X	< 2029 #	< 1360 #	16" O.C.	16" O.C.	1	SPH4	(12) 10d X 1 1/2	-
	2X	< 1015 #	< 680 #	32" O.C.	32" O.C.	1	SPH6	(12) 10d X 1 1/2	-
	2X	< 2029 #	< 1360 #	16" O.C.	16" O.C.	1	SPH6	(12) 10d X 1 1/2	-

*[Signature]*  
GARY GILL  
FLORIDA PROFESSIONAL ENGINEER  
No 51342  
STATE OF FLORIDA

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RESIDENTIAL  
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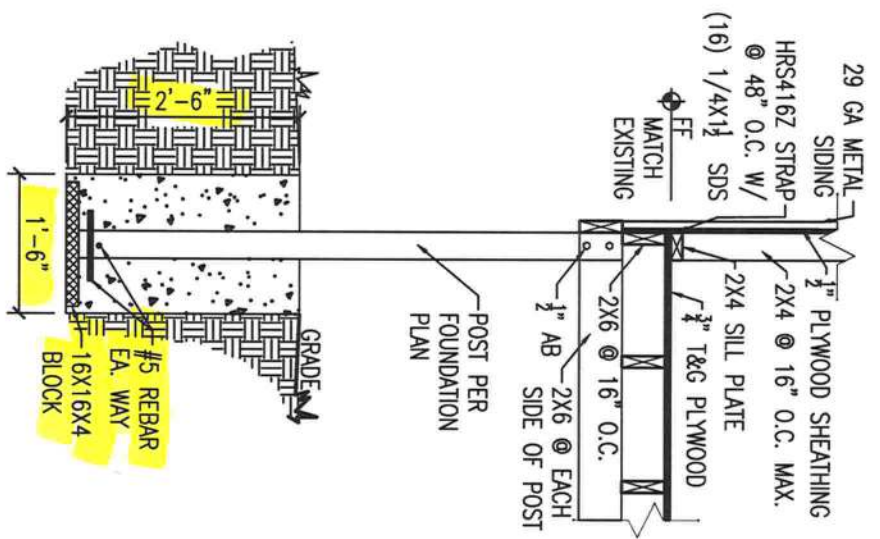
FOUNDATION DETAILS  
COLUMBIA COUNTY  
FLORIDA

S-2

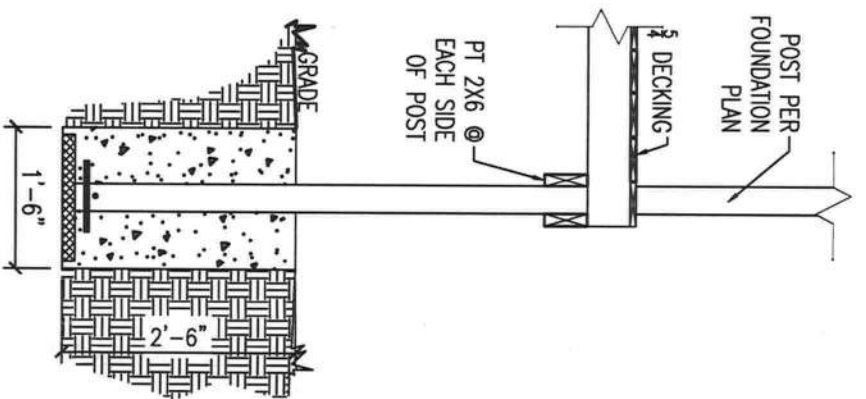
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1 FOOTING DETAIL  
1/2"=1'



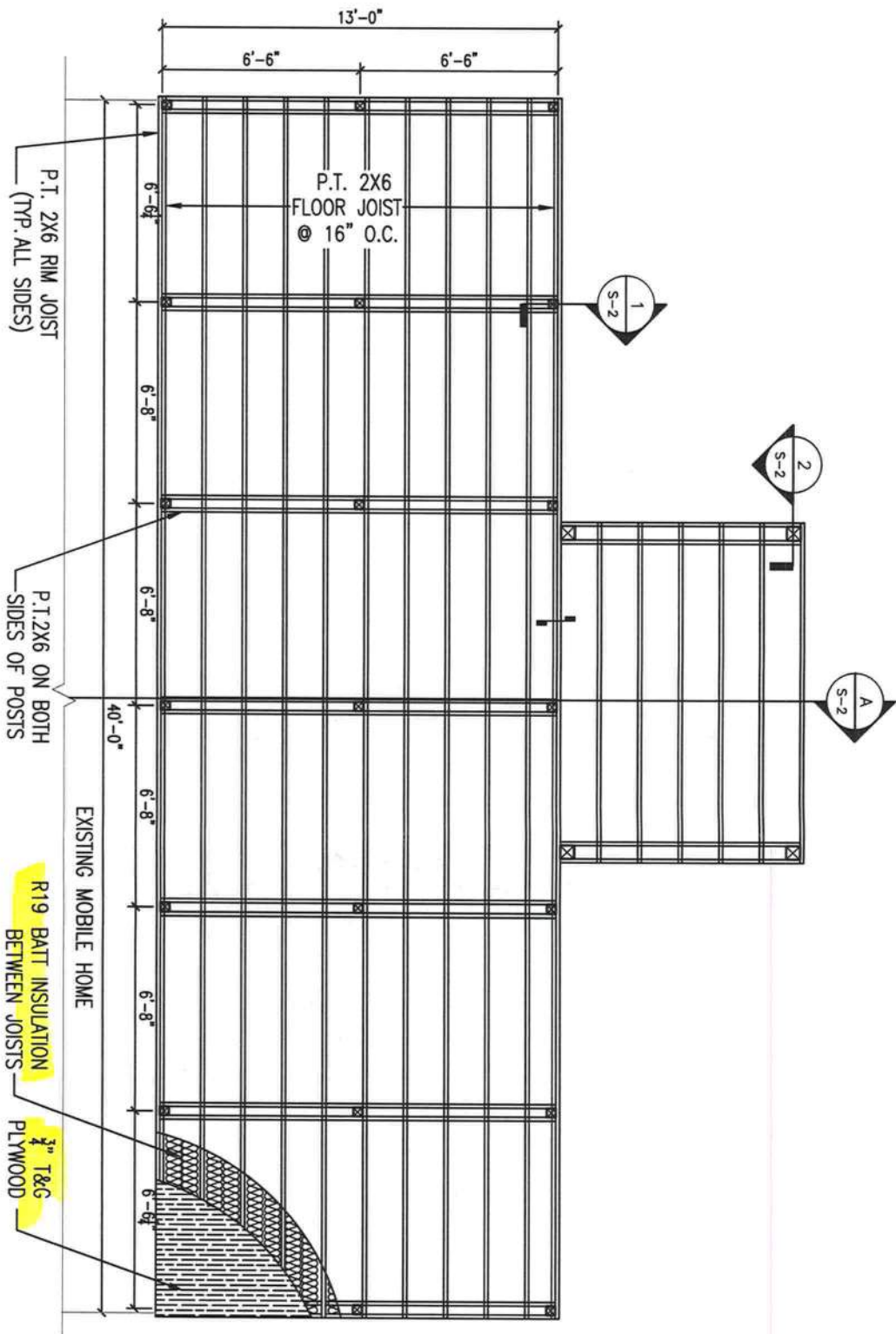
2 FOOTING DETAIL  
1/2"=1'

STUD FASTENER SCHEDULE									
LOCATION	STUD/PLATE	TRUSS UPLIFT	UPLIFT ON STUD	SPACING (STAGGERED)		FASTENER		NAILS REQUIRED	
				TOP PLATE	BOTTOM PLATE	QUANTITY	ITEM #	STUD	PLATE
STUD	2X4	< 549 #	< 368 #	32" O.C.	32" O.C.	1	SP4	(6) 10d X 1½	—
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	2X	< 1015 #	< 680 #	32" O.C.	32" O.C.	1	SPH6	(12) 10d X 1½	—
	2X	< 2029 #	< 1360 #	16" O.C.	16" O.C.	1	SPH6	(12) 10d X 1½	—



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S-2	FOUNDATION DETAILS		
JOB NUMBER:	COLUMBIA COUNTY FLORIDA		

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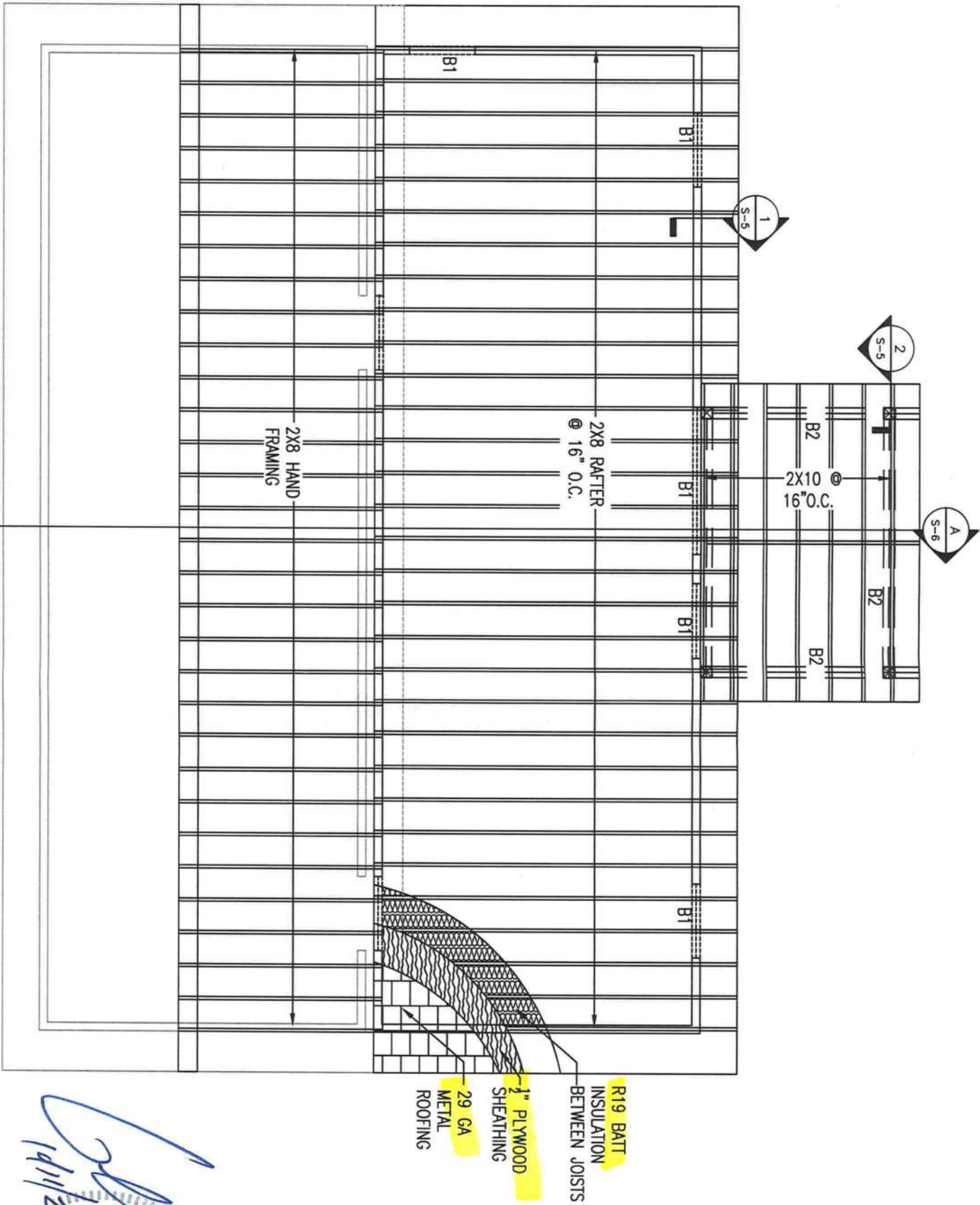
# **FLOOR FRAMING PLAN** **3/16" = 1'**



SPICER RESIDENTIAL ADDITION			AUTH #30824 GARY GILL, PE #51942 426 SW COMMERCE DR. 130-M LAKE CITY, FL 32025 386-590-1242
S-3	FLOOR FRAMING PLAN		
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NOTES:  
 (1) TYPICAL ROOF TRUSS BEARING MATCH EXISTING  
 (2) COORDINATE LOCATION OF ALL DOORS AND WALL OPENINGS WITH ARCHITECTURAL DRAWINGS.

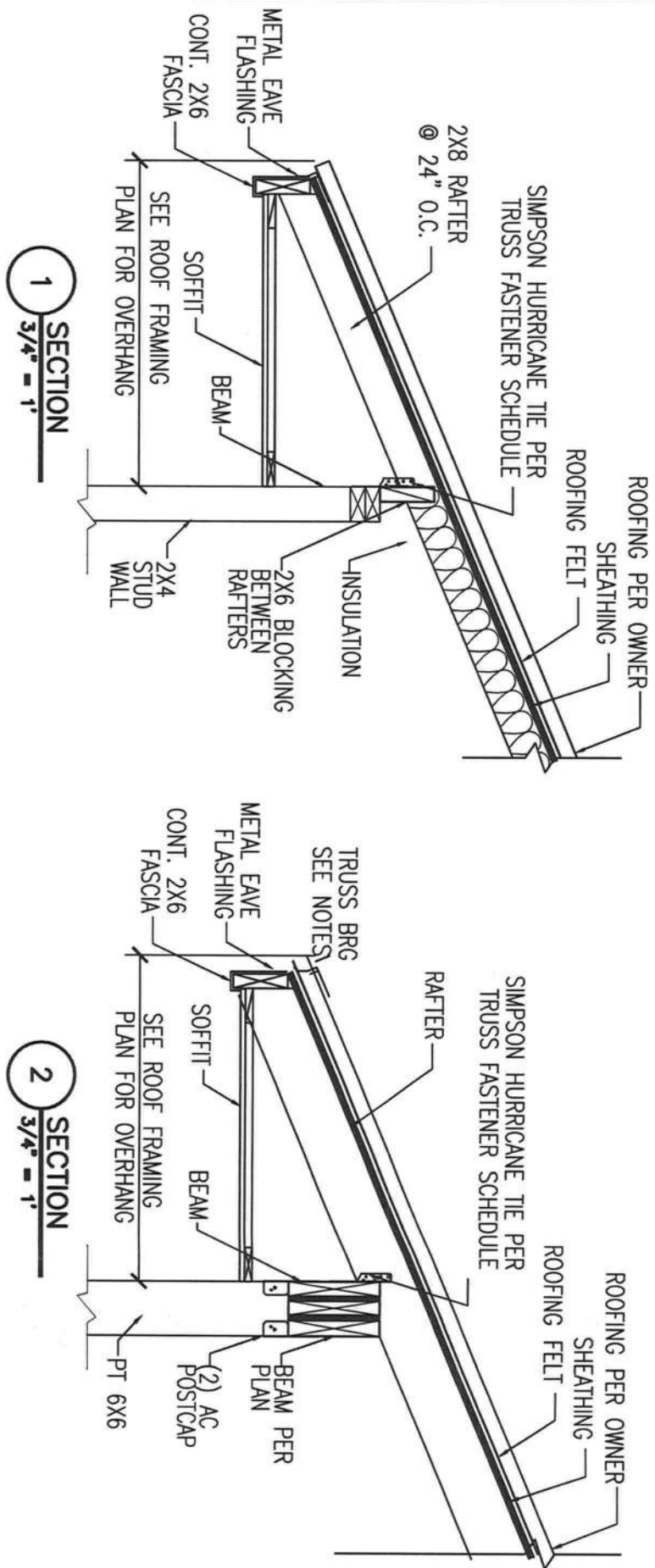
# **ROOF FRAMING PLAN** 3/16" = 1'

BEAM SCHEDULE	
SYMBOL/MARK	DESCRIPTION
≡≡≡	B1 (2) 2"x8" W/ 1/2"
≡≡≡	B2 (3) 2"x10" W/ 1/2"

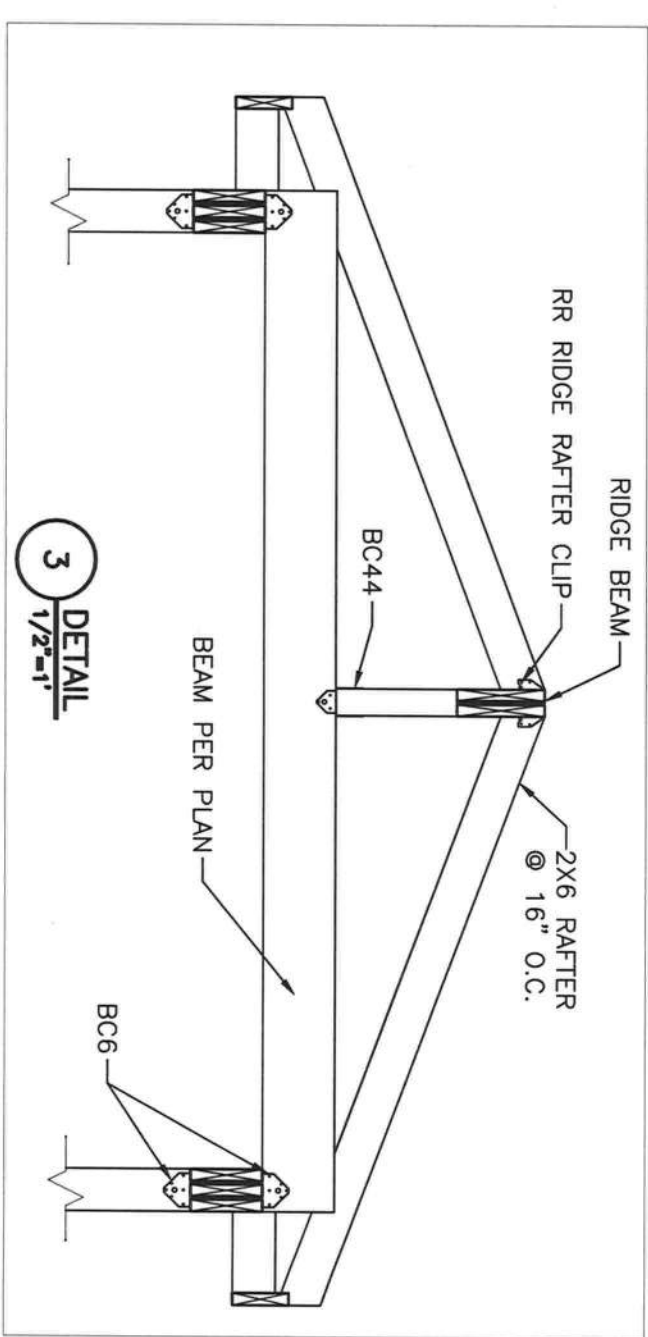


SPICER RESIDENTIAL ADDITION		 <b>ROOF FRAMING PLAN</b> COLUMBIA COUNTY FLORIDA	AUTH #30824 GARY GILL, PE #51942 426 SW COMMERCE DR. 130-M LAKE CITY, FL 32025 386-590-1242
S-4	JOB NUMBER:		

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ROOF FASTENING ZONE									
WIND VELOCITY (3 SECOND GUST) 120 MPH	MAIN ROOF			SHEATING-TO -GABLE-END- WALL FRAMING			OVERHANG (EAVES)		
PANEL LOCATION	1	2	3	2	3	2	2	3	3
SUPPORTED PANEL END AND EDGES	6	6	6	3	3	3	6	6	6
PANEL FIELD	12	6	4	3	3	6	4		



3	2	3
2	1	2
2	2	
2	2	HAND FRAMING
3	1	OVER EXISTING
3	2	3
EXISTING		

ROOF FASTENING PLAN  
3/32" = 1'



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S-5	ROOF FRAMING DETAILS		
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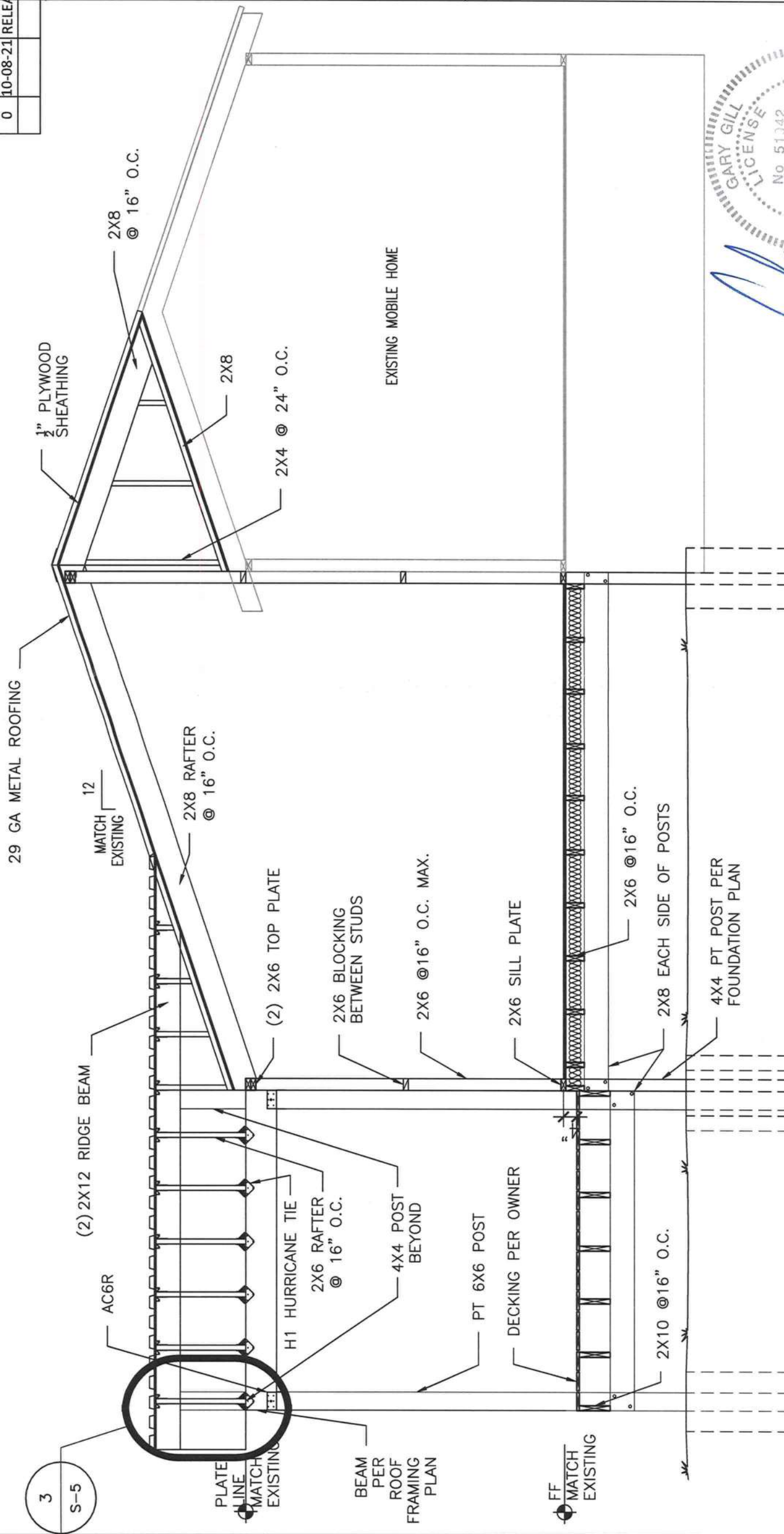


REVISION SCHEDULE		
REV.	DATE	REVISION DESCRIPTION
0	10-08-21	RELEASE FOR CONSTRUCTION

AUTH #30824  
 GARY GILL, PE #51942  
 426 SW COMMERCE  
 DR. 130-M  
 LAKE CITY, FL 32025  
 386-590-1242



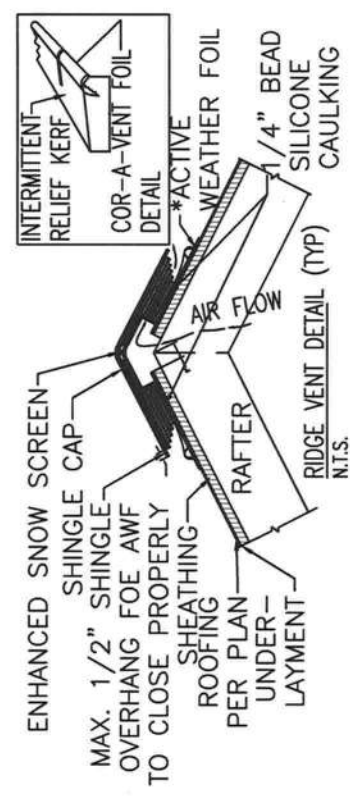
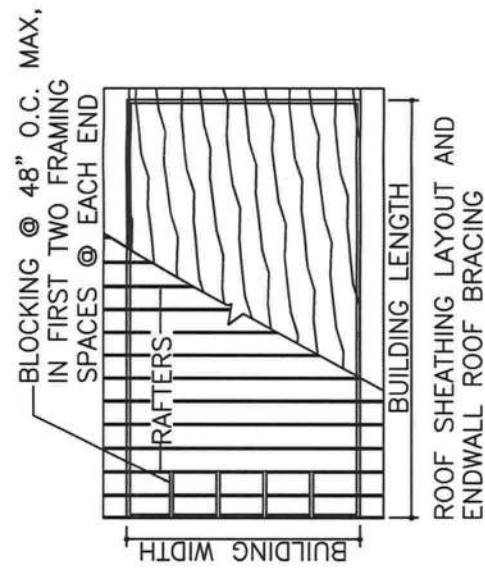
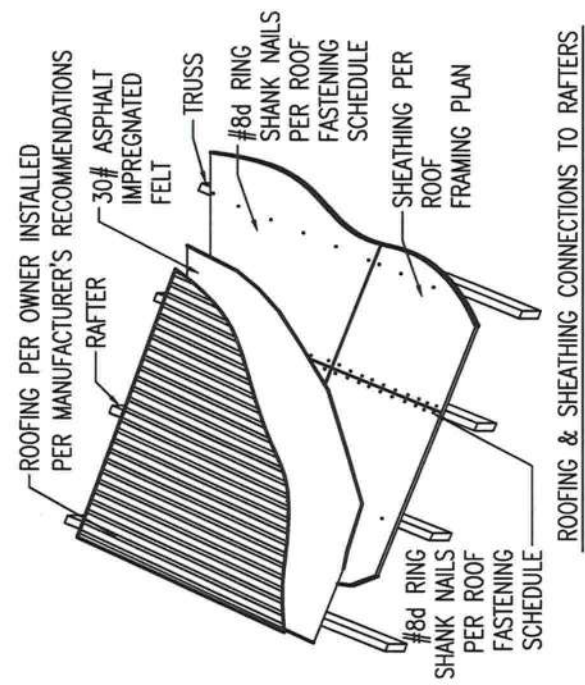
SPICER RESIDENTIAL ADDITION	SECTIONS	JOB NUMBER: S-6
	COLUMBIA COUNTY, FLORIDA	



SECTION  
 A  $\frac{3/8\" = 1'}$



REVISION SCHEDULE		
REV.	DATE	REVISION DESCRIPTION
0	10-08-21	RELEASE FOR CONSTRUCTION

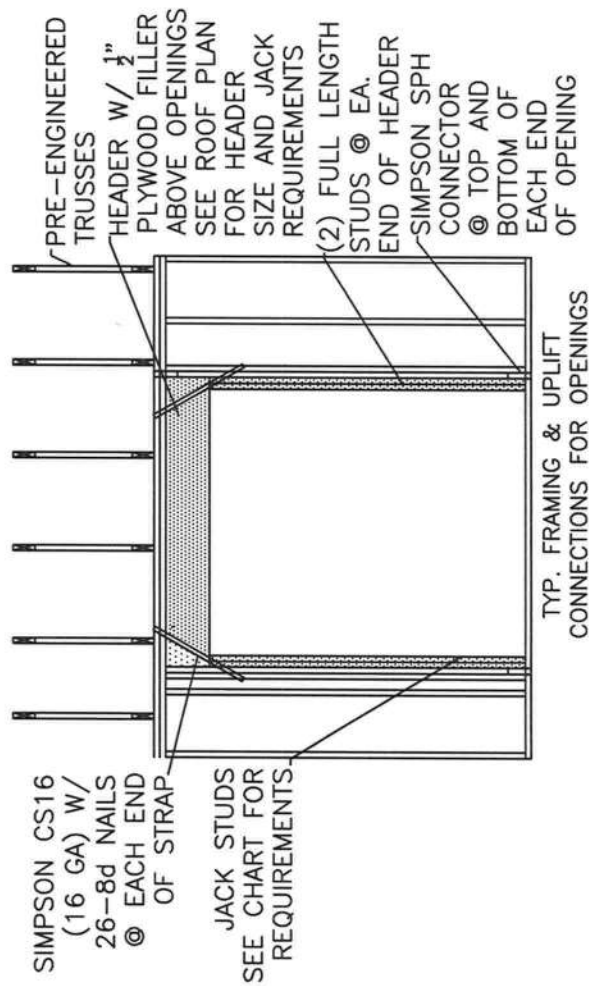
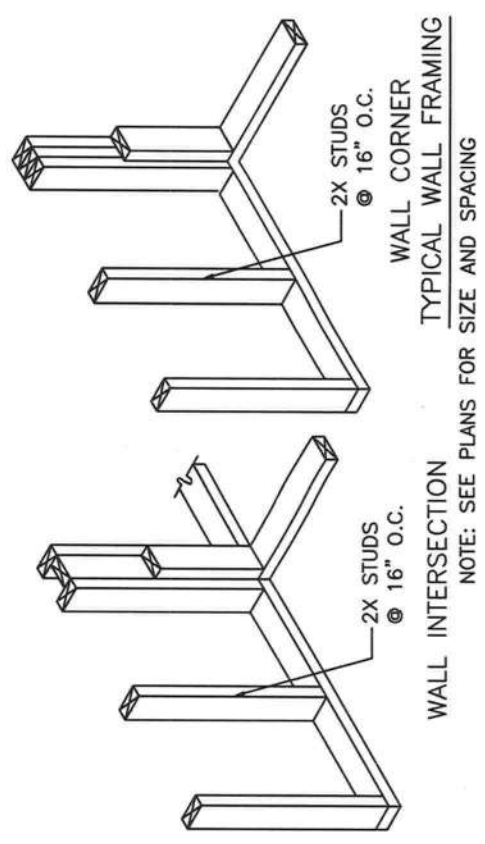
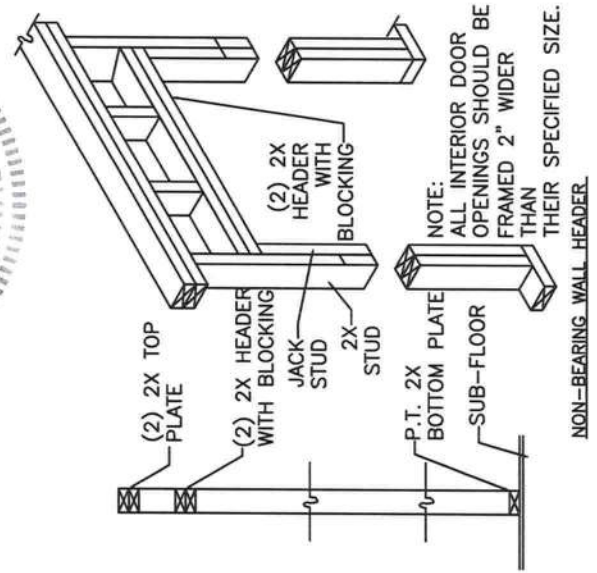


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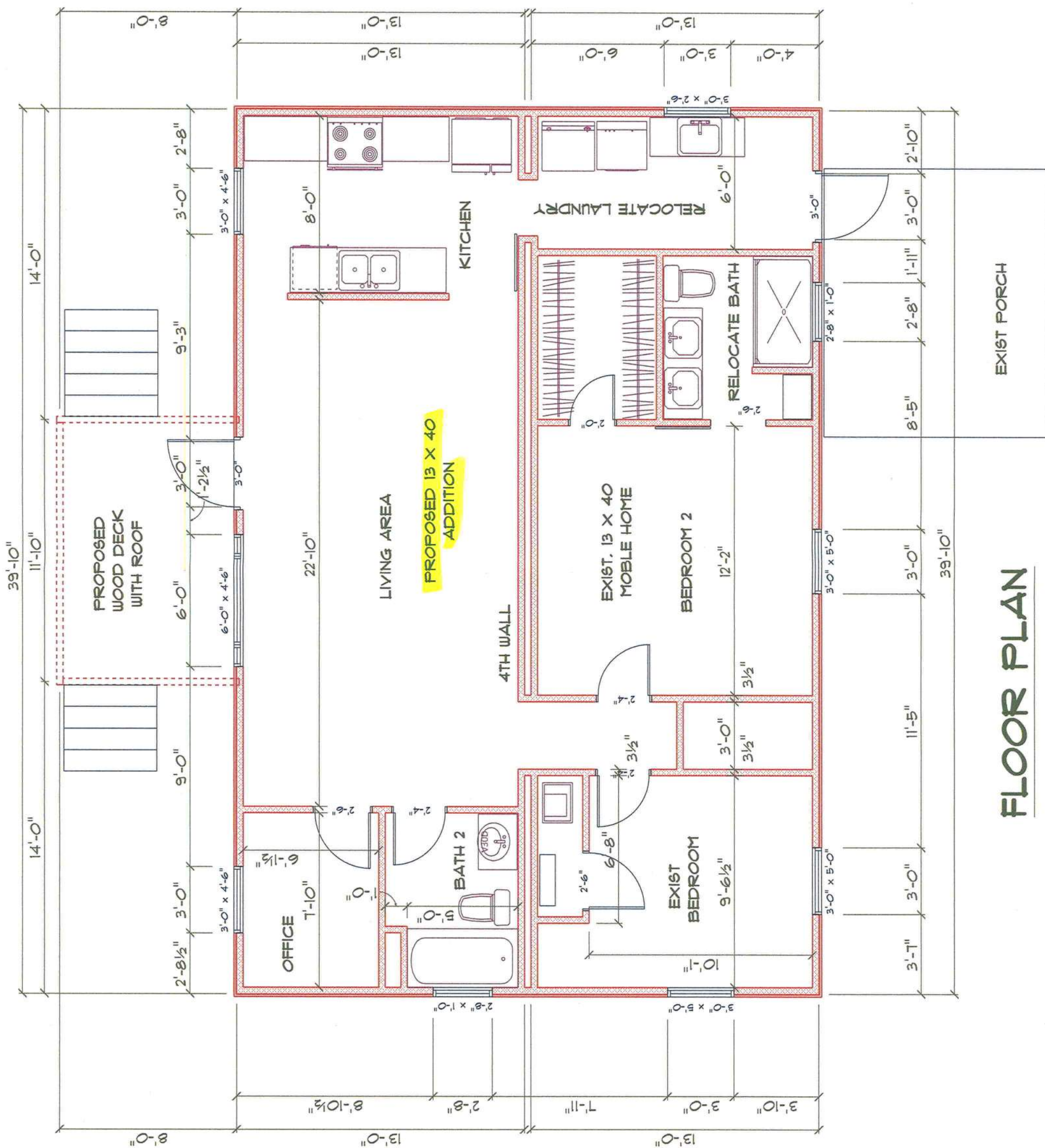
SECTIONS  
COLUMBIA COUNTY  
FLORIDA

SPICER  
RESIDENTIAL  
ADDITION

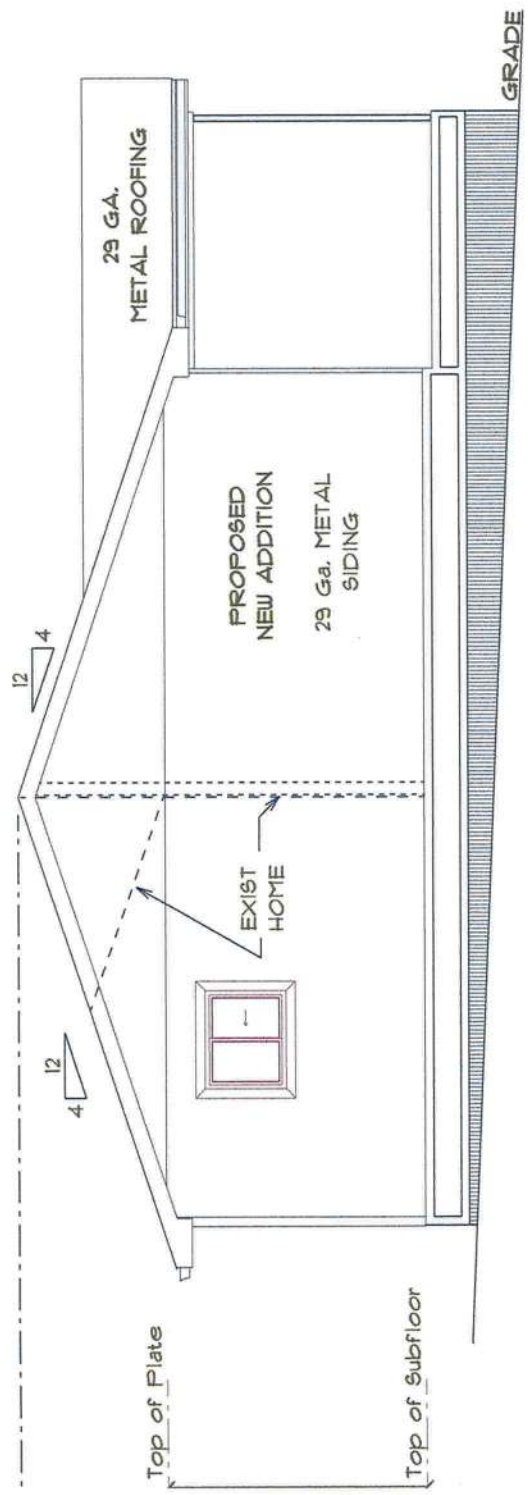
S-7  
JOB NUMBER:



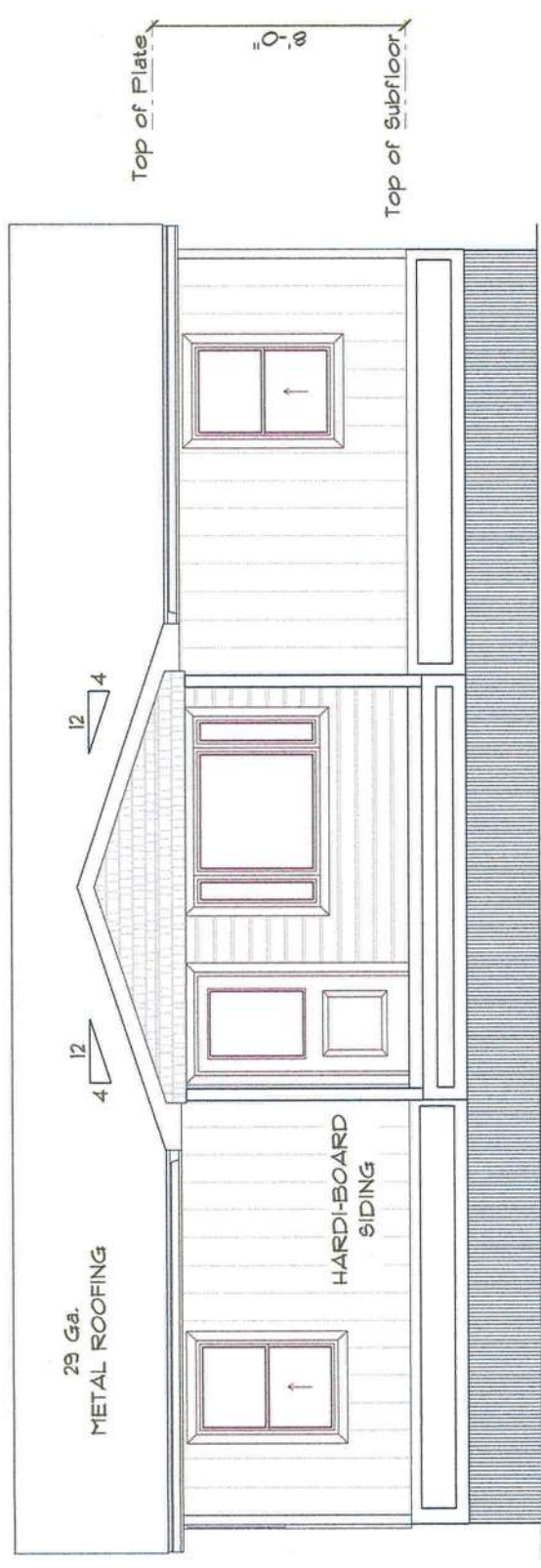




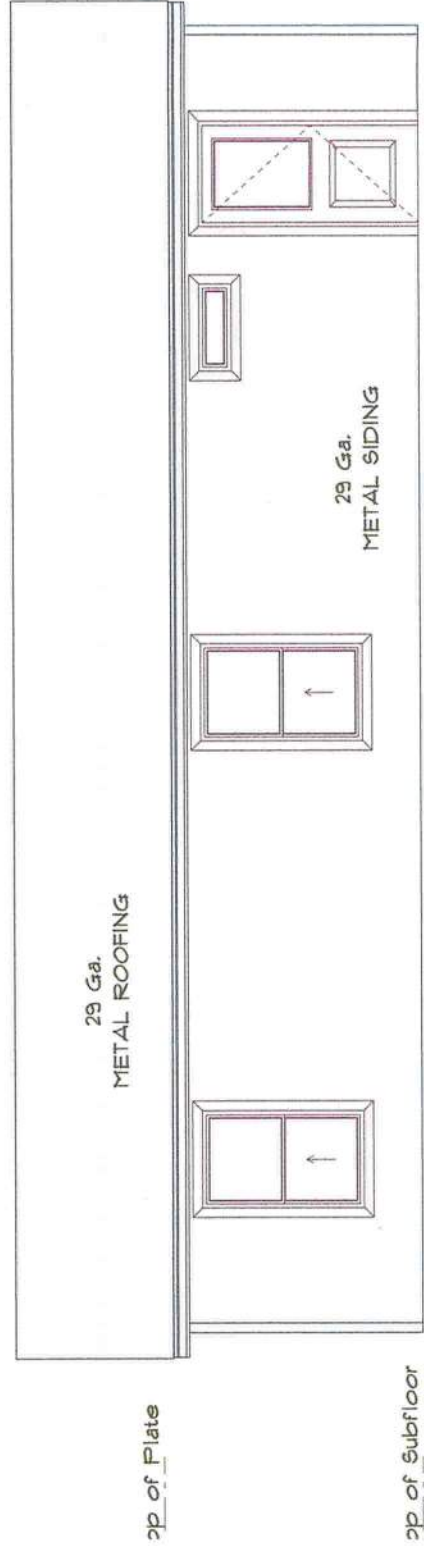




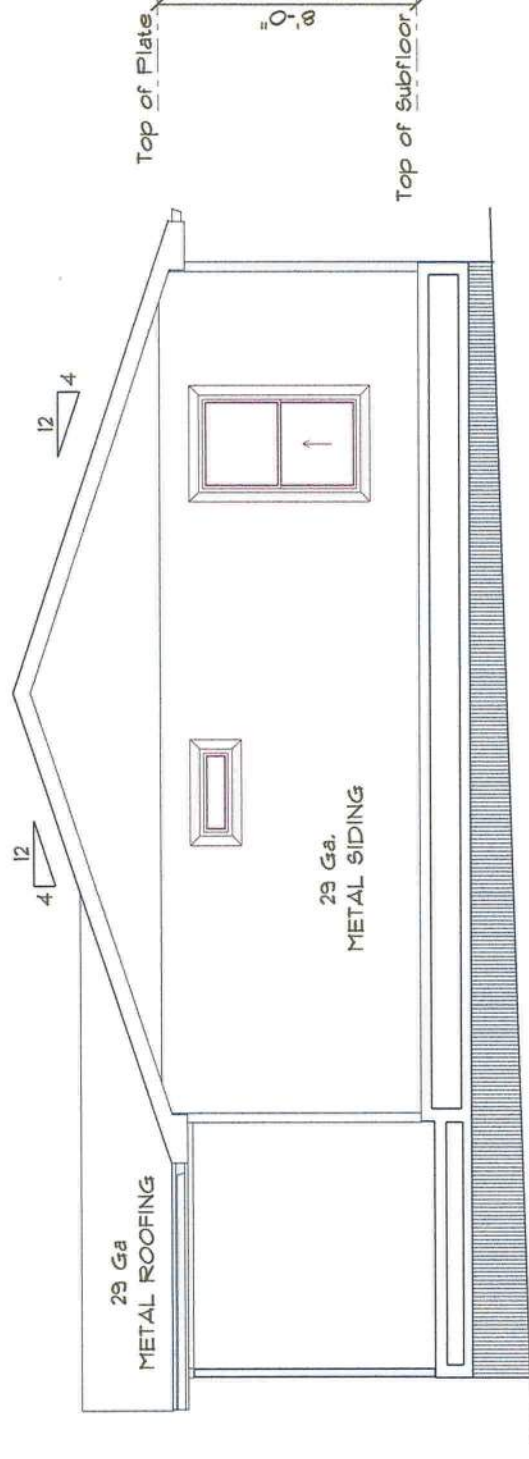
**LEFT SIDE ELEVATION**



**FRONT ELEVATION**



**REAR ELEVATION**



**RIGHT SIDE ELEVATION**