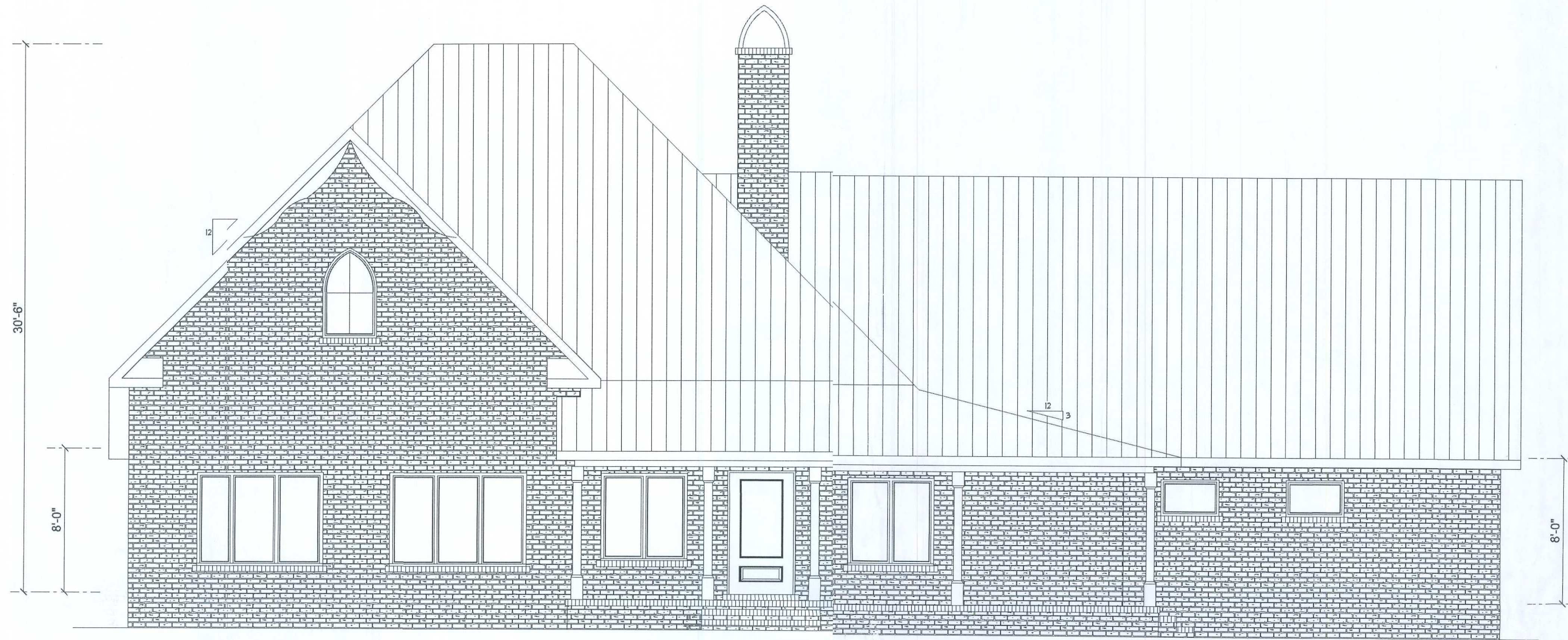
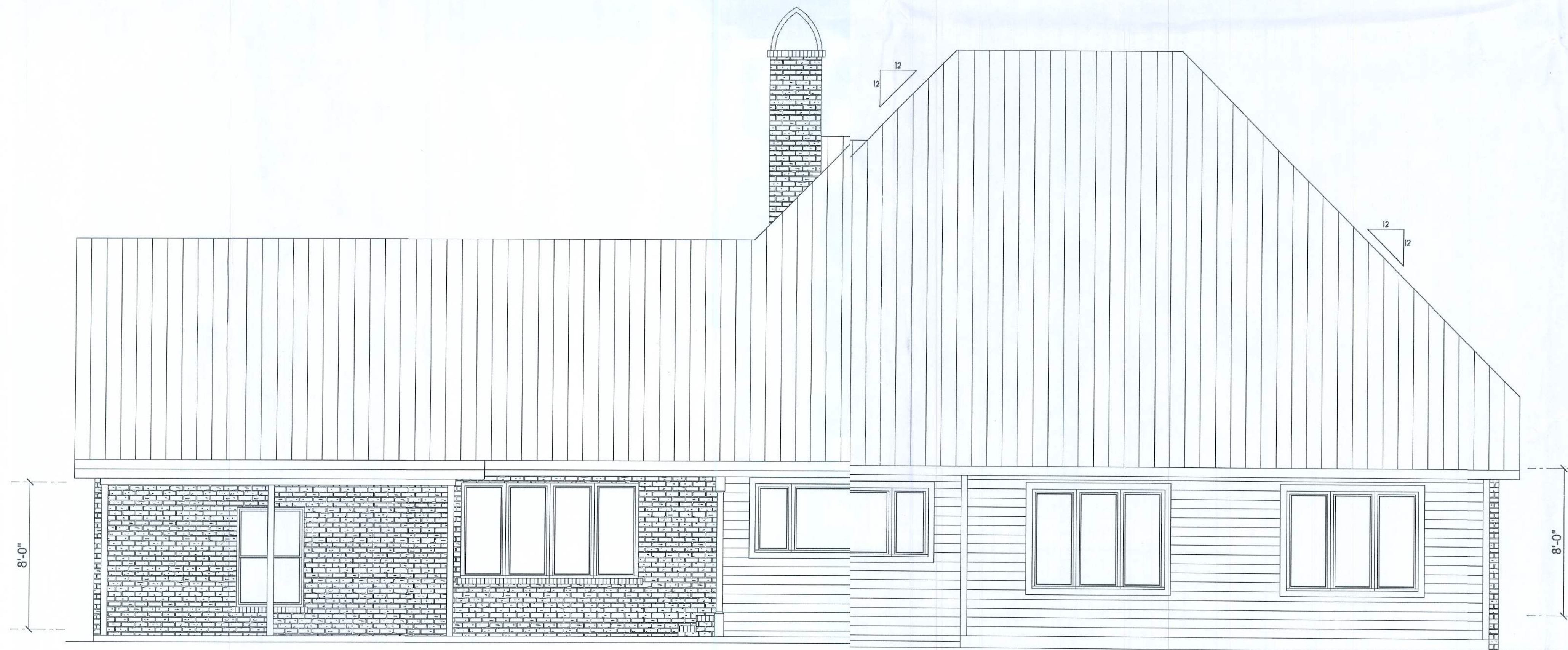




FRONT ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1" = 1'-0"

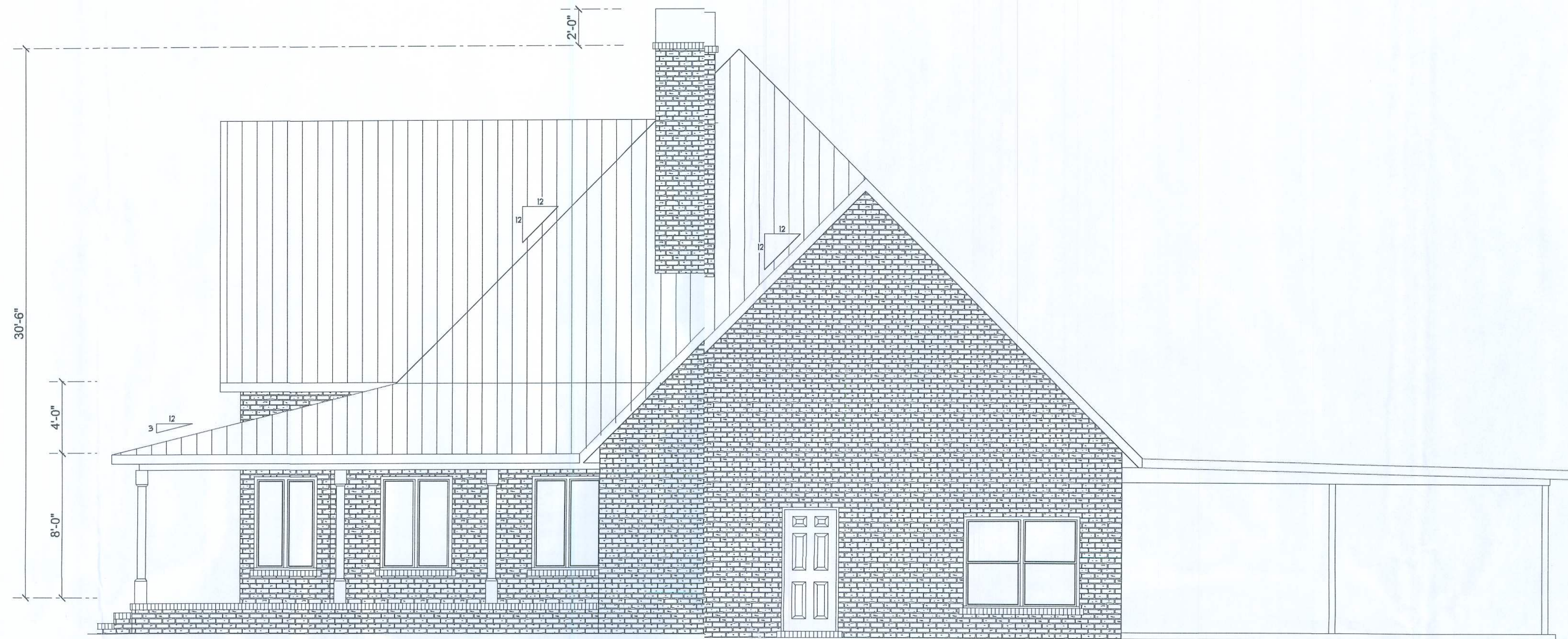


REVISIONS SCHEDULE	
JUNE 15th, 2021	ORIGINAL DRAWINGS
JULY 16th, 2021	PRE-CONST.
AUG. 23rd, 2021	PERMIT SET

EXISTING HOME RENOVATIONS FOR:
FOOTE RESIDENCE
4812 STATE ROAD 247, LAKE CITY, FL 32024

**RIDGEPOINT
DESIGN**
566 SW ARLINGTON BLVD. STE 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.1
OF 5 SHEETS



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



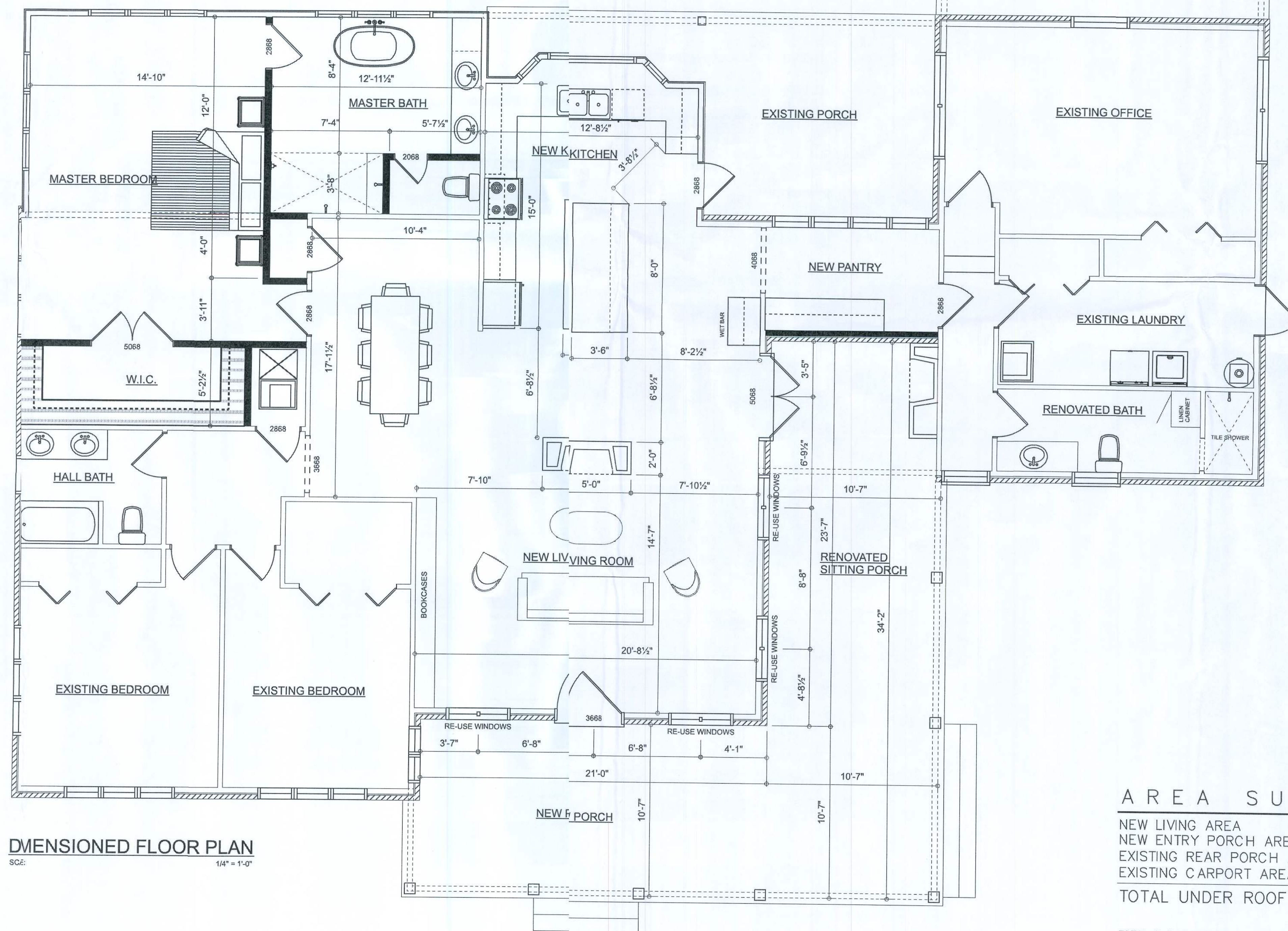
LEFT ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE			
JUNE 15th, 2021	ORIGINAL DRAWINGS		
JULY 16th, 2021	PRE-CONST.		
AUG. 23rd, 2021	PERMIT SET		

EXISTING HOME RENOVATIONS FOR:
FOOTE RESIDENCE
4812 STATE ROAD 247, LAKE CITY, FL 32024

**RIDGEPOINT
DESIGN**
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
P: 386 288 1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
OF 5 SHEETS



DMENSIONED FLOOR PLAN
 SCALE: 1/4" = 1'-0"

AREA SUMMARY

NEW LIVING AREA	2,720	S.F.
NEW ENTRY PORCH AREA	584	S.F.
EXISTING REAR PORCH AREA	210	S.F.
EXISTING CARPORT AREA	472	S.F.
TOTAL UNDER ROOF	3,986	S.F.

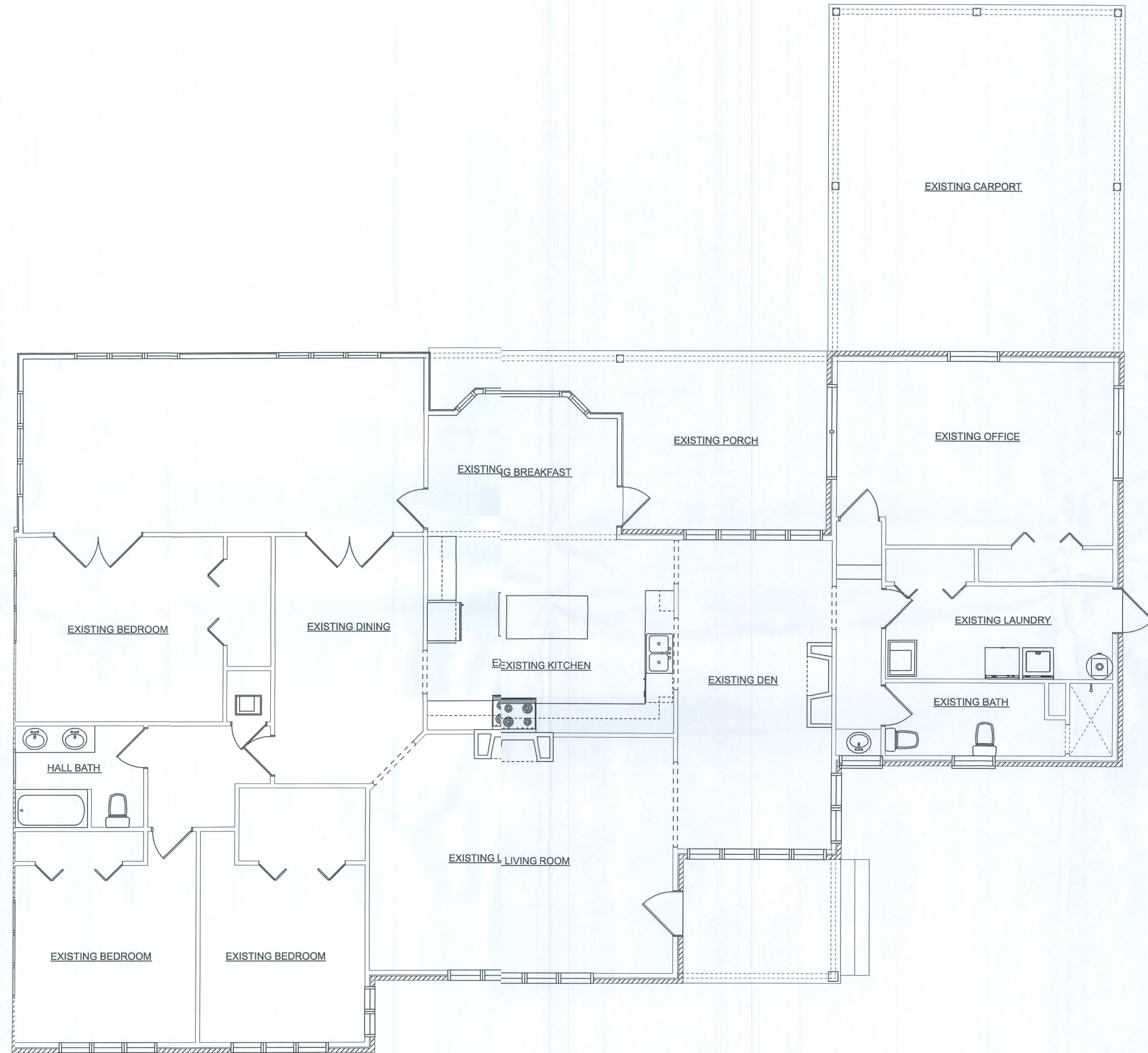
TOTAL CUBIC FOOTAGE OF CONDITIONED SPACE IS: 21,760

REVISIONS SCHEDULE	
JUNE 15th, 2021	ORIGINAL DRAWINGS
JULY 16th, 2021	PRE-CONST.
AUG. 23rd, 2021	PERMIT SET

EXISTING HOME RENOVATIONS FOR:
FOOTE RESIDENCE
 10112 STATE ROAD 217, LAKE CITY, FL 32024

RIDGEPOINT DESIGN
 566 SW ARLINGTON BLVD., STE 101, LAKE CITY, FL 32025
 P: 386-288-1188
 E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
 OF 5 SHEETS



EXISTING FLOOR PLAN
SLE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
JUNE 15th, 2021	ORIGINAL DRAWINGS
JULY 16th, 2021	PRE-CONST.
AUG. 23rd, 2021	PERMIT SET

EXISTING HOME RENOVATIONS FOR:

FOOTE RESIDENCE

4812 S W 141 E ROAD 247, LAKE CITY, FL 32024

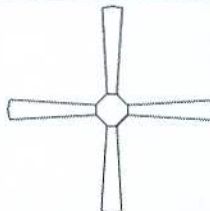
**RIDGEPOINT
DESIGN**

564 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER

A.4

OF 5 SHEETS

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	3	
CAN LIGHT 6inch	24	
CHANDELIER	2	
PENDANT LIGHT	2	
EXTERIOR SCENCE	2	
CABLE TV OUTLET	1	
EXHAUST FAN	2	
OUTLET	6	
OUTLET 220v	1	
OUTLET GFI	11	
OUTLET WP	2	
SWITCH	12	
SWITCH 3 WAY	8	
VANITY WALL SCENCE	4	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120v W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS

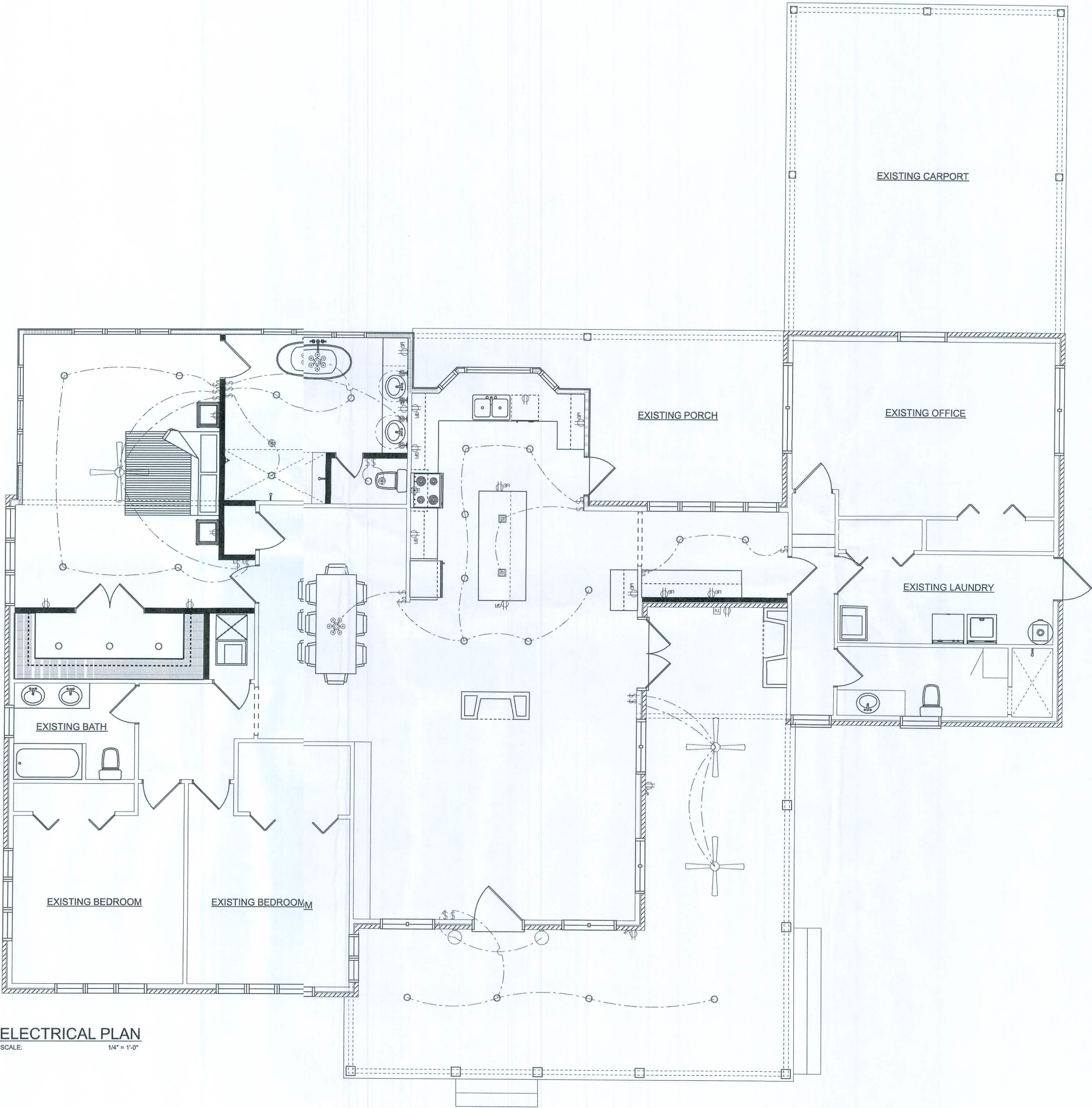
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUD FAULT INTERRUPTER TYPE (WP/GFI)

NOTE:
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY



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

REVISIONS SCHEDULE			
JUNE 15th, 2021	ORIGINAL DRAWINGS		
JULY 16th, 2021	PRE-CONST.		
AUG. 23rd, 2021	PERMIT SET		

EXISTING HOME RENOVATIONS FOR:
FOOTE RESIDENCE
4012 STATE ROAD 247, LAKE CITY, FL 32024

RIDGEPOINT DESIGN
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
P. 305 200 1100
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.5
OF 5 SHEETS

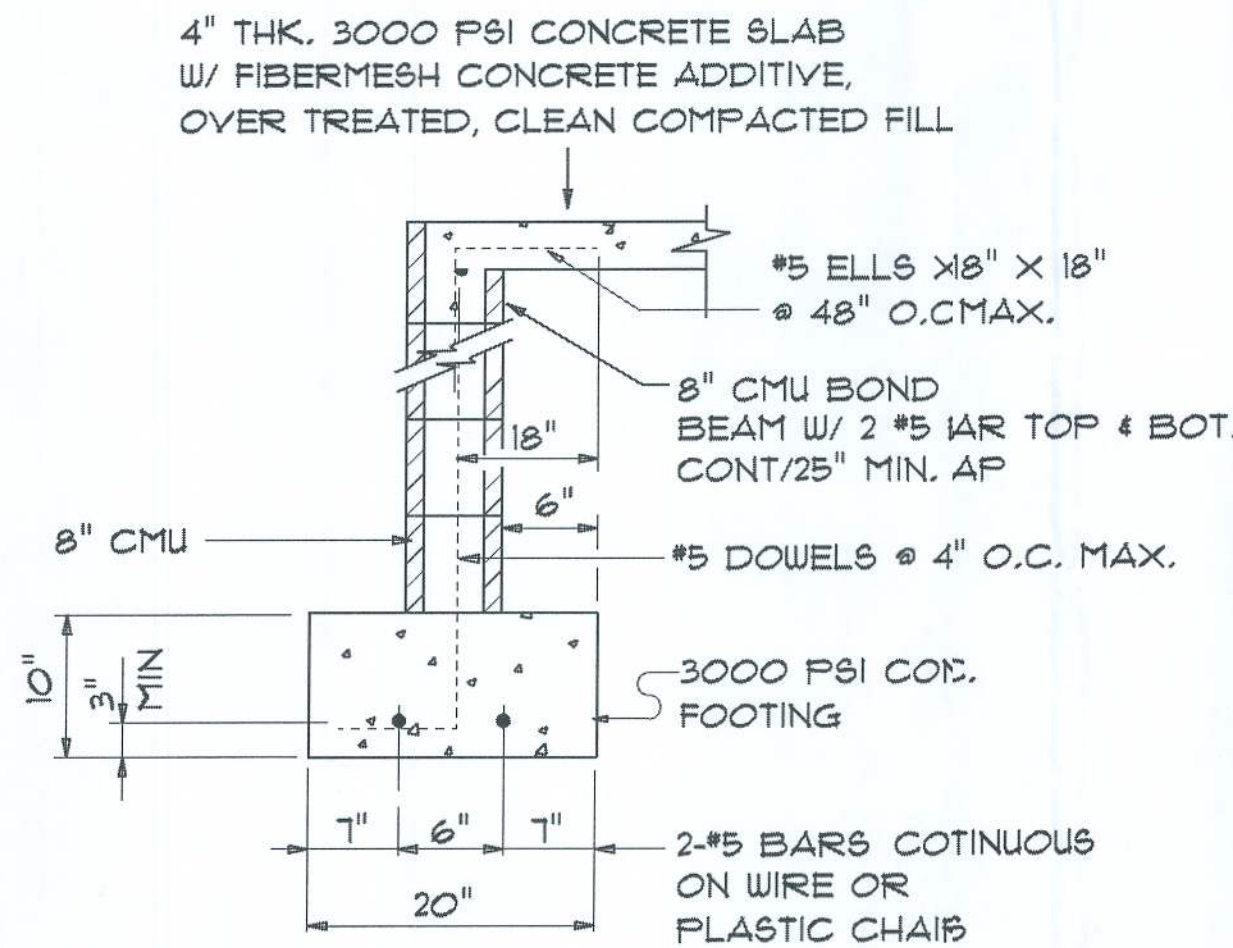
TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER C ELECTRIC PANEL. FBC 104.2.6
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 6" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALL. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1516.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1516.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1516.1.3
8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1516.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1516.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1516.1.6
11. 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 1516.1.6
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1516.1.7
13. 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 SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND FOREST SERVICES". FBC 1516.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRAVE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

CONCRETE / MASONRY // METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A105 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'C = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
11. 2X6 P/T WOOD SILL, CONT., ALL AROUND, W/ 1/2" A.B. W/ 2" SQ. X 1/4" PLATE WASHERS WITHIN 12-16" FROM EACH CORNER, EA. WAY, 4" WITHIN 12-16" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.



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

NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER FBC 1603
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

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

EXISTING FOUNDATION

4" SMOOTH STEELED TROULLED CONC. SLAB,
W/ FIBERMESH REINFORCING, OVER 6 MIL
PLASTIC SHEETING, ON CLEAN, WELL COMPACTED
SAND FILL, TERMITE TREATED

NOTE:
LAP EDGES OF 6 MIL VAPOR BARRIER MIN. 6" -
SEAL ALL JOINTS, TEARS AND PIPING PENETRATIONS
WITH DUCT TAPE

#5 REBAR DOWELS
DRILLED 6" INTO EXISTING
FOUNDATION AND SET IN
EPOXY @ 32" O.C.

PROVIDE A 20"x10" X CONTINUOUS CONCRETE
FOOTING W/ 2 #5 REBAR, BOTTOM & 1 #3
REBAR, TRANSVERSE, @ 48" O.C. - UNDER
ALL PERIMETER WALLS OF HOUSE.

PROVIDE STEMWALL REINFORCING AS PER
DETAILS A, THIS SHEET, AT 48" O.C. ALONG
ALL EXTERIOR WALLS AND ALL CORNERS -
PROVIDE A CONTINUOUS BOND BEAM AS PER
THE DETAILS A/S.1 W/ 2 - #5 REBAR, CONT.,
@ TOP AND BOTTOM OF BEAM

8" CMU STEW WALL ON
POURED CONCRETE FOOTING,
REFER TO SCHEDULE FOR SIZE
PROVIDE STEMWALL REINFG
PER A/S.1 @ 48" O.C.

SIMPSON
ABU66

NICHOLAS
GEISLER
ARCHITECT
N.C.A.R.B. Certified

SHEET NUMBER
S.1
OF 4 SHEETS

AR0007005

REVISIONS
AUG. 23rd, 2021

RENOVATIONS TO EXISTING HOME FOR:
FOOTE RESIDENCE
4812 STATE ROAD 247, LAKE CITY, FL 32024

0'-0" UP TO 6'-0" OPENINGS

6'-0" UP TO 9'-0" OPENINGS

NOTE:
WHERE BEAM SPAN IS GREATER
THAN 8'-0", CENTER 8'-0" LONG
PLYWOOD AT CENTER OF BEAM
SPAN. BUTT ADJACENT PLYWOOD
PIECES TIGHT TO CENTER PIECE.
STAGGER JOINTS AT BEAMS WITH
MORE THAN ONE PLYWOOD PLATE

NOT TO SCALE

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

AIK0007003

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof: Hip Construction, Wood 1 Rafter @ 24" O.C.	
Walls: Existing Walls to Remain	
Floor: 4" Thk. Concrete Slab w/ Fibermesh Concrete Additive	
Foundation: Continuous Footer/Stem Wall	
ROOF DECKING	
Material: 1/2" CDX Plywood or 1/16" O.S.B.	
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing	
Fasteners: 8d Ring Shank Nails per schedule on sheet S.4	
HURRICANE UPLIFT CONNECTORS	
Truss Anchors: (2) SIMPSON SDUC15600 @ Ea. Rafter	
Porch Column Base Connector: Simpson ABU66 @ each column	
Porch Column to Beam Connector: Simpson EPC66/PC66 @ each column	
FOOTINGS AND FOUNDATIONS	
Footings: 20"x10" x CONT., CONCRETE FOOTING w/ 2 #5 REBAR.	

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1603 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: "C"
- BASED ON ASCE 7-10, 2020 FBC 1609-A WIND VELOCITY: $V_{WT} = 130$ MPH
 $V_{ASD} = 101$ MPH
3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF
5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "C" ROOF ANGLE T TO 2T		WIND ZONE		WIND SPEED		WIND PRESSURE	
WIND ZONE	WIND DIRECTION	WIND SPEED		WIND PRESSURE		WIND PRESSURE	
		100 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH
1	10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3	23.1 / -35.6	25.9 / -38.9
	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4	21.1 / -33.4	23.7 / -36.7
	30	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2	18.3 / -28.3	20.5 / -32.5
	40	8.8 / -17.8	10.5 / -21.5	12.5 / -25.5	14.5 / -29.5	16.5 / -27.5	18.5 / -31.5
2	10	12.5 / -34.7	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2	23.1 / -64.0	25.9 / -71.8
	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7	21.1 / -47.7	23.7 / -49.7
	30	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7	18.3 / -41.7	20.5 / -43.7
	40	8.8 / -25.4	10.5 / -30.8	12.5 / -36.6	14.5 / -42.4	16.5 / -38.4	18.5 / -40.4
3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1	23.1 / -95.6	25.9 / -108.1
	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7	21.1 / -87.7	23.7 / -97.7
	30	10.0 / -43.9	11.9 / -51.8	13.9 / -60.8	16.1 / -70.8	18.3 / -78.8	20.5 / -86.8
	40	8.8 / -40.9	10.5 / -48.8	12.5 / -58.8	14.5 / -68.8	16.5 / -76.8	18.5 / -84.8
4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2	40.2 / -43.4	45.1 / -48.6
	20	20.8 / -22.6	24.7 / -33.7	29.0 / -31.6	33.7 / -36.7	38.4 / -41.4	43.1 / -46.6
	30	19.8 / -21.6	23.2 / -32.4	27.2 / -29.8	31.6 / -34.6	36.0 / -39.4	40.4 / -44.2
	40	18.8 / -20.6	22.2 / -31.4	26.2 / -28.8	30.6 / -33.6	35.0 / -38.4	39.4 / -43.2
5	10	21.8 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2	40.2 / -53.7	45.1 / -60.2
	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0	38.4 / -50.0	43.1 / -55.0
	30	19.8 / -25.2	23.2 / -31.4	27.2 / -34.4	31.6 / -40.4	36.0 / -46.4	40.4 / -51.4
	40	18.8 / -23.2	22.2 / -30.4	26.2 / -33.4	30.6 / -39.4	35.0 / -45.4	39.4 / -50.4

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF/MODEL	CAP.
TRUSS TO WALL:	(2) SDUC15600 SCREWS	590° EA
HEADER TO KING STUD(S):	SIMPSON ST22	1310°
PORCH BEAM TO POST:	SIMPSON PC66 or (2) M5TA24	1700°
PORCH POST TO FND.:	SIMPSON ABU66	2200°
MISC. JOINTS	SIMPSON A34	315/240°

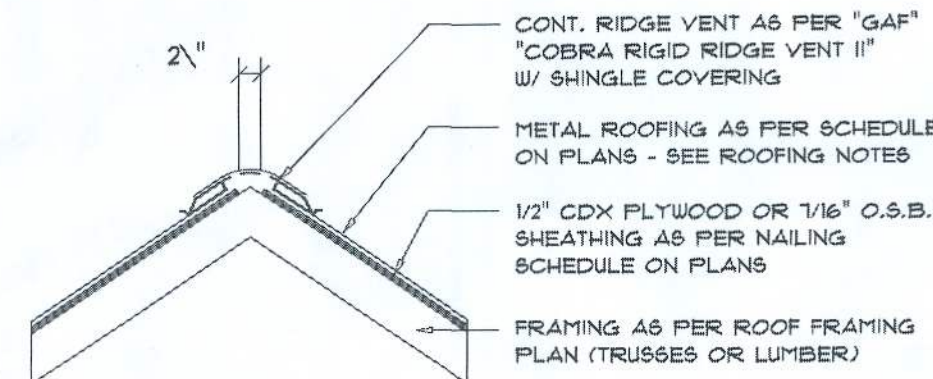
NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

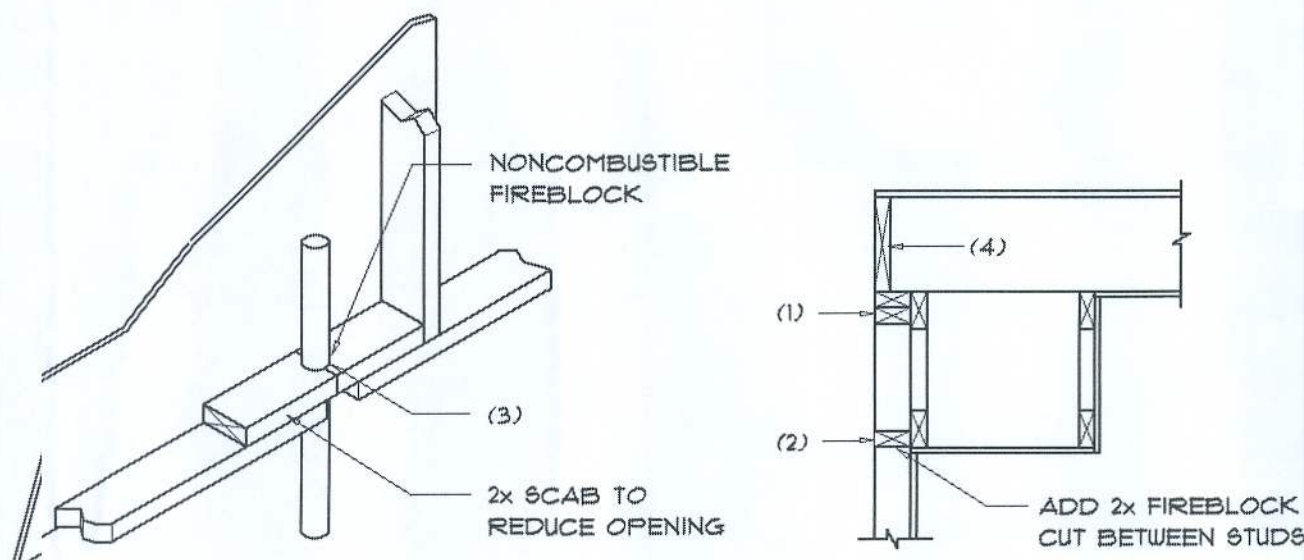
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #31-0107.05, #36-1126.11, #39-0623.04
SBCCI NER-443, NER-333

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
16'00 SF	20 LF	410 SQ.IN.
19'00 SF	24 LF	490 SQ.IN.
22'00 SF	28 LF	570 SQ.IN.
25'00 SF	32 LF	650 SQ.IN.
28'00 SF	36 LF	730 SQ.IN.
31'00 SF	40 LF	820 SQ.IN.
34'00 SF	44 LF	900 SQ.IN.



MIAMI/DADE PRODUCT APPROVAL REPORT: #38-0713.05

Ridge Vent DETAIL
SCALE: 3/4" = 1'-0"



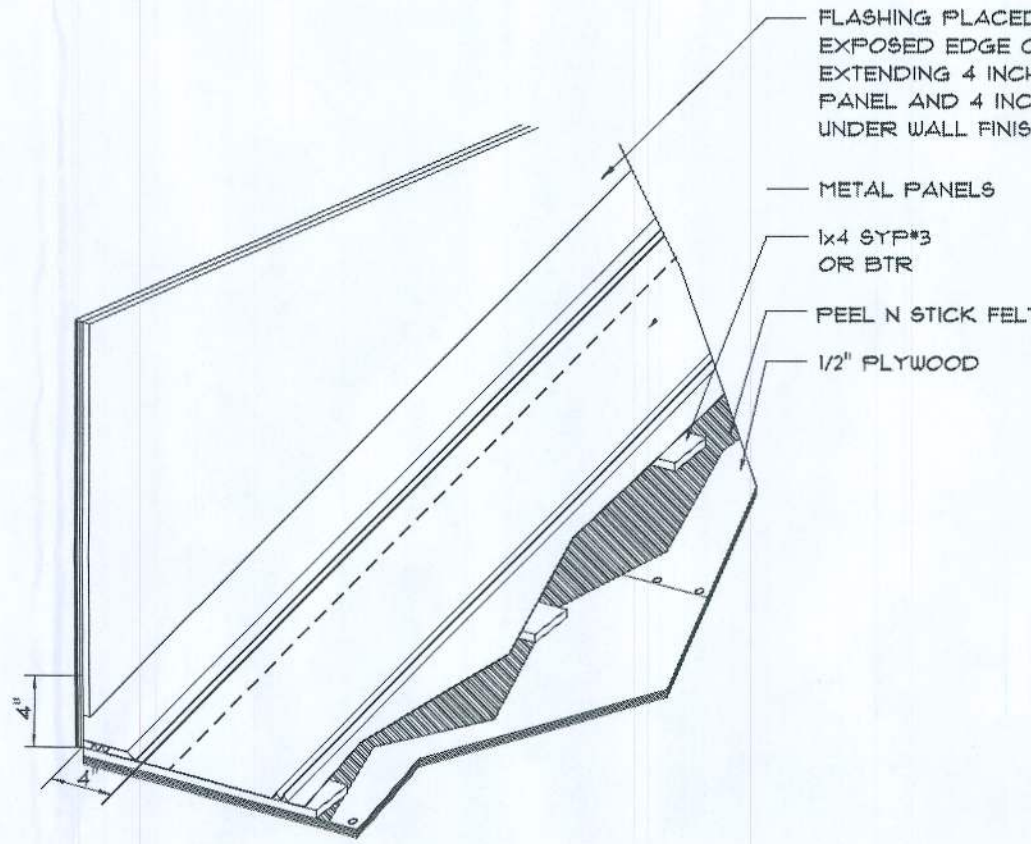
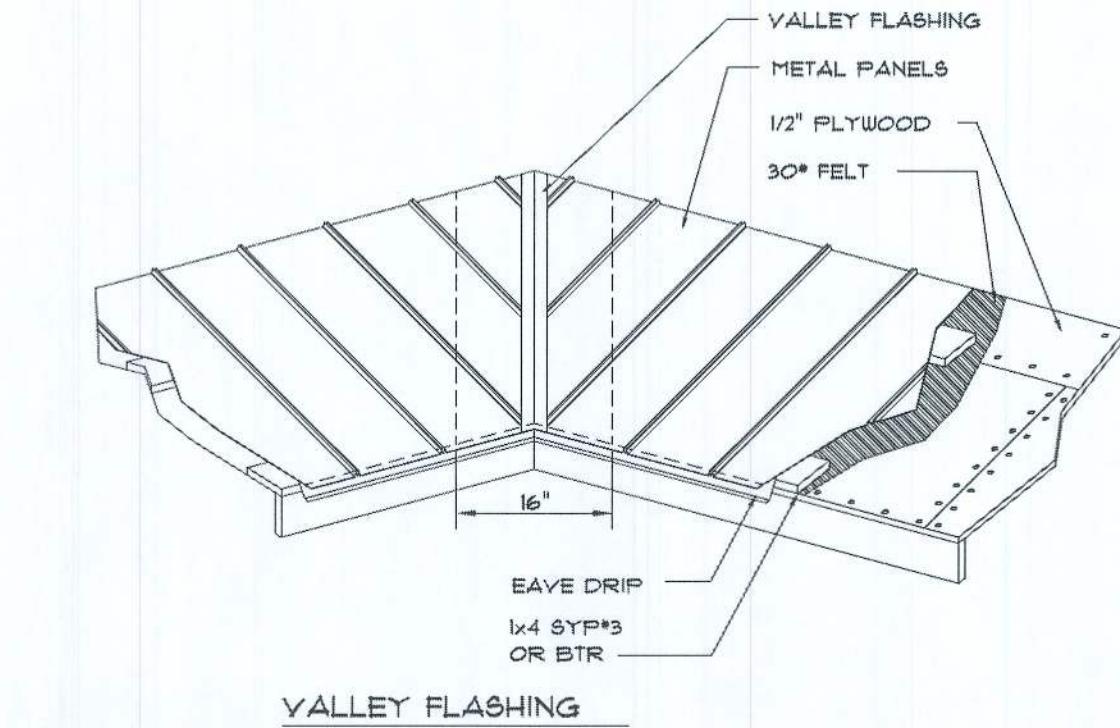
PENETRATIONS

SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO PANEL MULTIFLEX SEALANT"
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

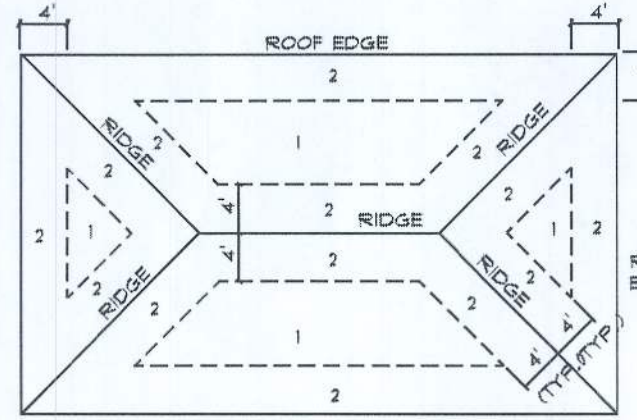
Fire Stopping DETAILS
SCALE: NONE



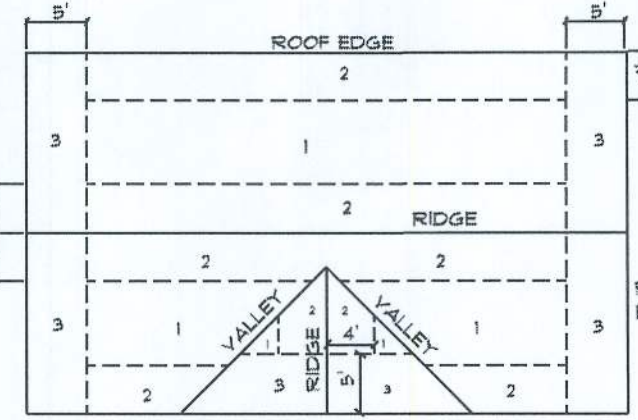
SIDE WALL FLASHING

METAL ROOFING. DET.
SCALE: NONE

5M-RIB METAL ROOFING PANELS ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ 35' MEAN ROOF HEIGHT, MIN. 3/12 PITCH BASED ON ASCE 7-98, EXPOSURE "C"							
ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	100 - 110		120 - 130	
				O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREW	#9 x 1 1/2"	WOOD	36"	18"	24"	12"
	MTL. SCR.	#12 x 1"	< 18 GA	36"	18"	24"	12"
2 & 3	WD. SCREW	#9 x 1 1/2"	WOOD	36"	18"	24"	12"
	MTL. SCR.	#12 x 1"	< 18 GA	36"	18"	24"	12"



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.
SCALE: NONE

General Roofing NOTES:

- DECK REQUIREMENTS:
METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.
- SLOPE:
METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3:12 OR GREATER TO INSURE PROPER DRAINAGE.
- CAULKING:
MUST BE APPROVED BY THE MANUFACTURER, BUTYL SEALANT SUPPLIED IN TAPE OR GUN-GRADE FORM.
- METAL PANEL:
METAL PANELS SHALL BE MIN. 26 GAUGE AND COMPLY WITH ASTM A-792 AND D 7-98 EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.
- FASTENERS:
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREW, MINIMUM OF #9 X 1 1/2" HEX HEAD.
- ATTACHMENT:
METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 330 OR FIA 125.
- BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS.
- RC-1 - RIDGE CAP
 - ED-1 - EAVE DRIP
 - EF-3 - EAVE FLASHING
 - SW-1 - SIDEWALL FLASHING
 - EW-1 - ENDWALL FLASHING
 - GR-4 - GABLE END OR RAKE BOARD FLASHING
 - TF-1 - TRANSITION FLASHING
 - PV-2 - PREFORMED VALLEY FLASHING
 - BUTYL TAPE
 - SEALANT TAPE
 - PIPEBOOT

- UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 3:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
- STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
 - STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

- VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.
- OPEN VALLEYS: VALLEY LINING WITH METAL. THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.3.2.
 - OPEN VALLEYS: VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
 - CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 - BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 - ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 - SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1910.

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/16" O.S.B. OR 15/32 CDX	113 RING SHANKED NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

REVISIONS
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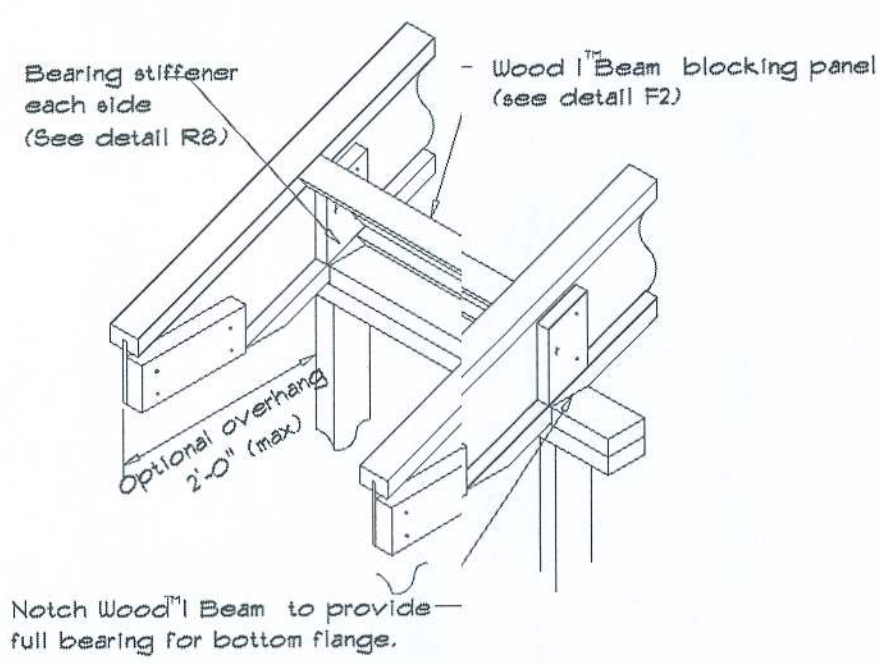
RENOVATIONS TO EXISTING HOME FOR:
FOOTE RESIDENCE
4812 STATE ROAD 247, LAKE CITY, FL 32024

NICHOLAS PAUL GEISLER ARCHITECT
1159 N. N. Brown Rd.
Lake City, FL 32055

SHEET NUMBER
S.3
OF 4 SHEETS

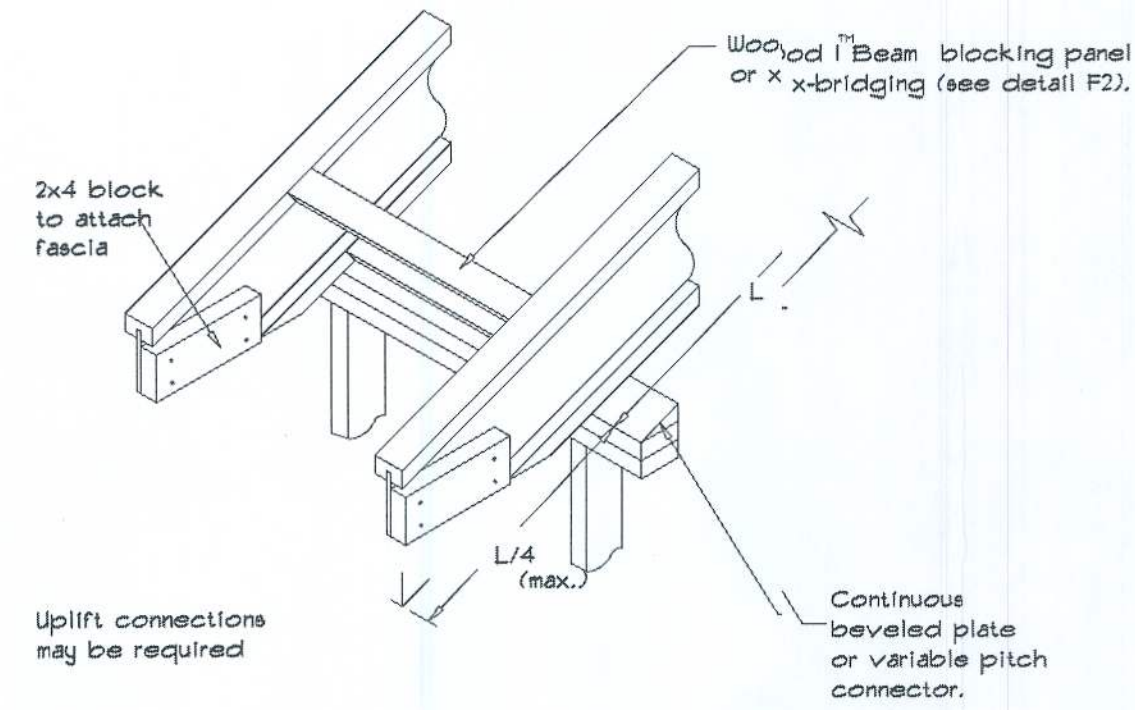
26 Aug 2021
AR00007006

BIRDEMOUTH CUT

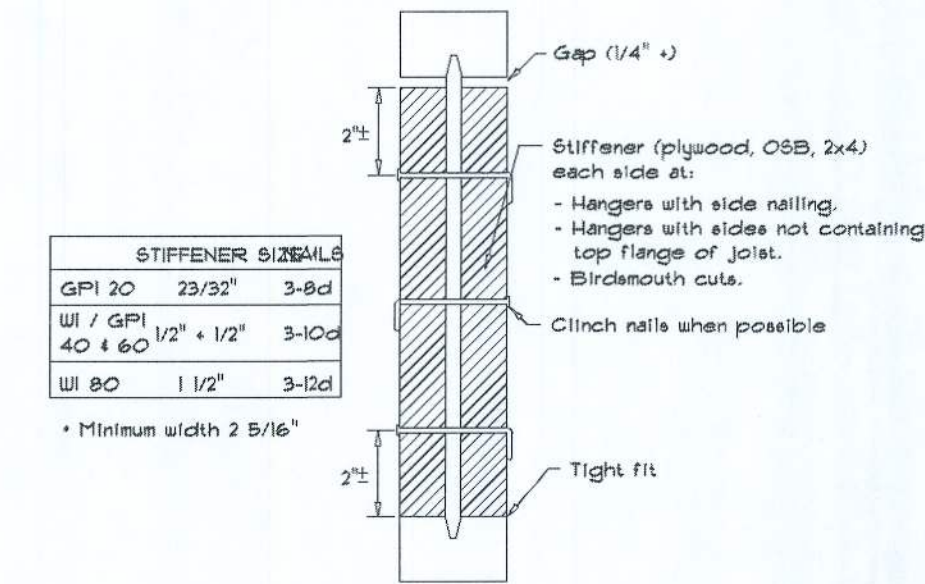


Uplift connections may be required

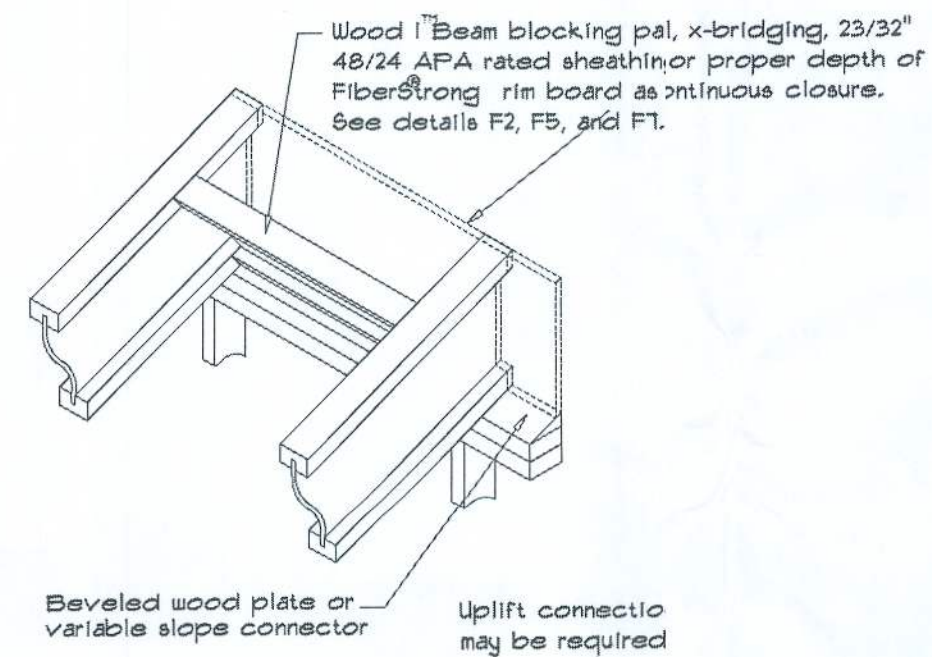
JOISTS ON BEVELED PLATE



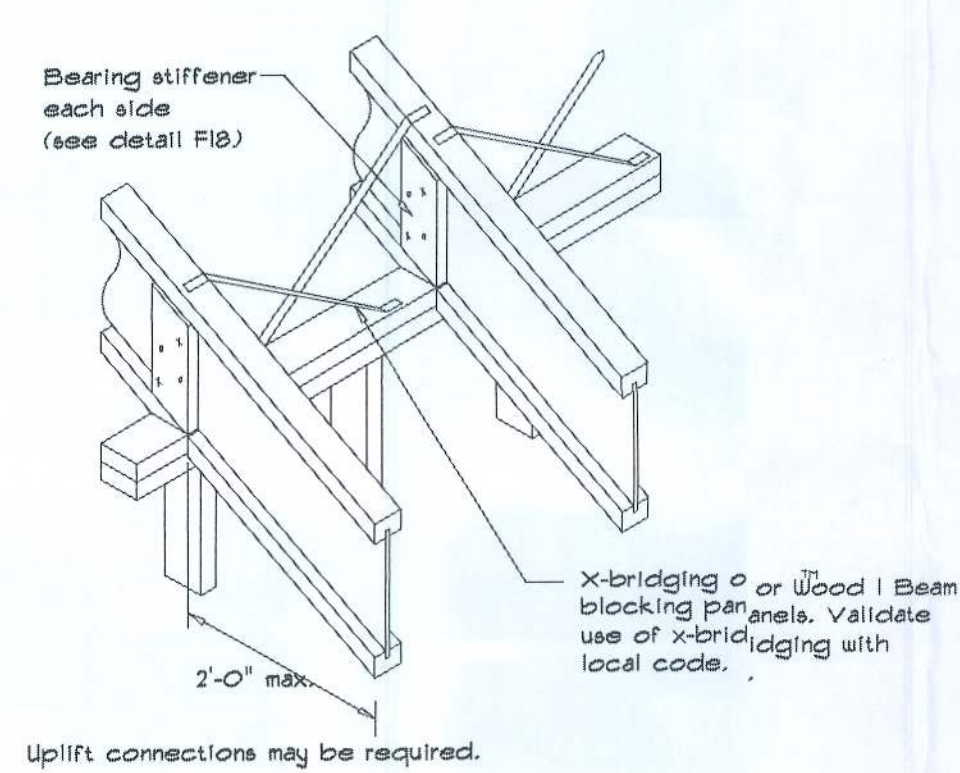
BEARING STIFFENERS



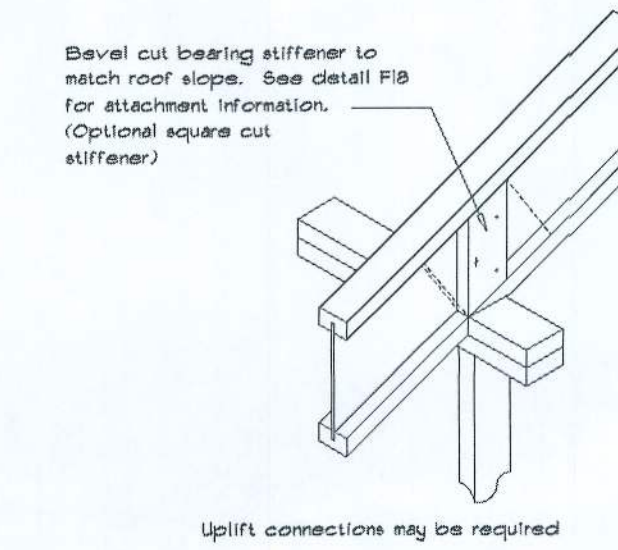
UPPER END, BEARING IN WALL



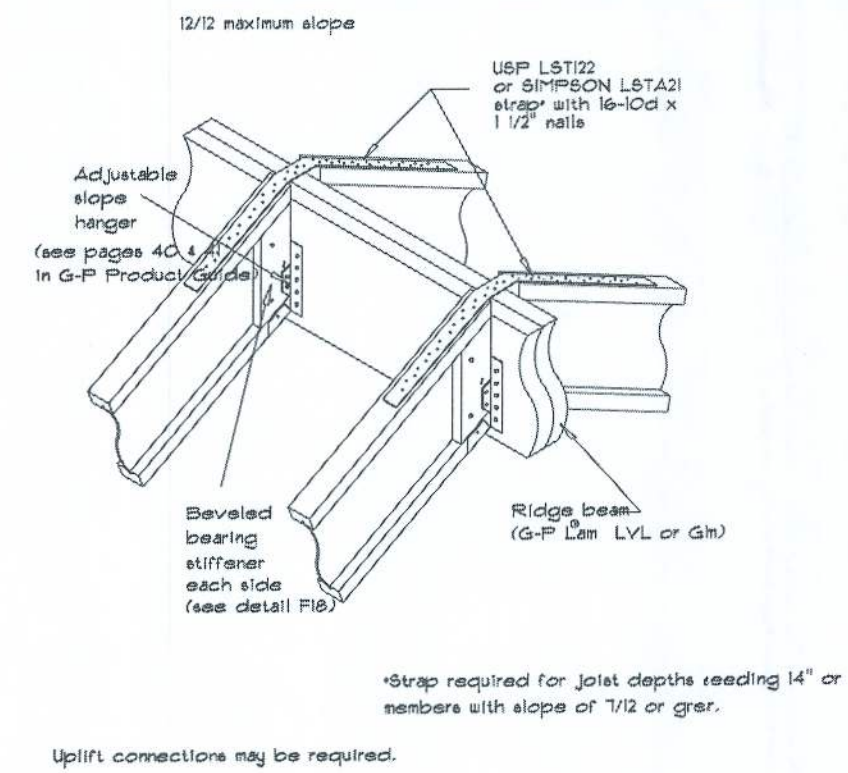
BIRDEMOUTH CUT



BEVELED CUT BEARING STIFFENER

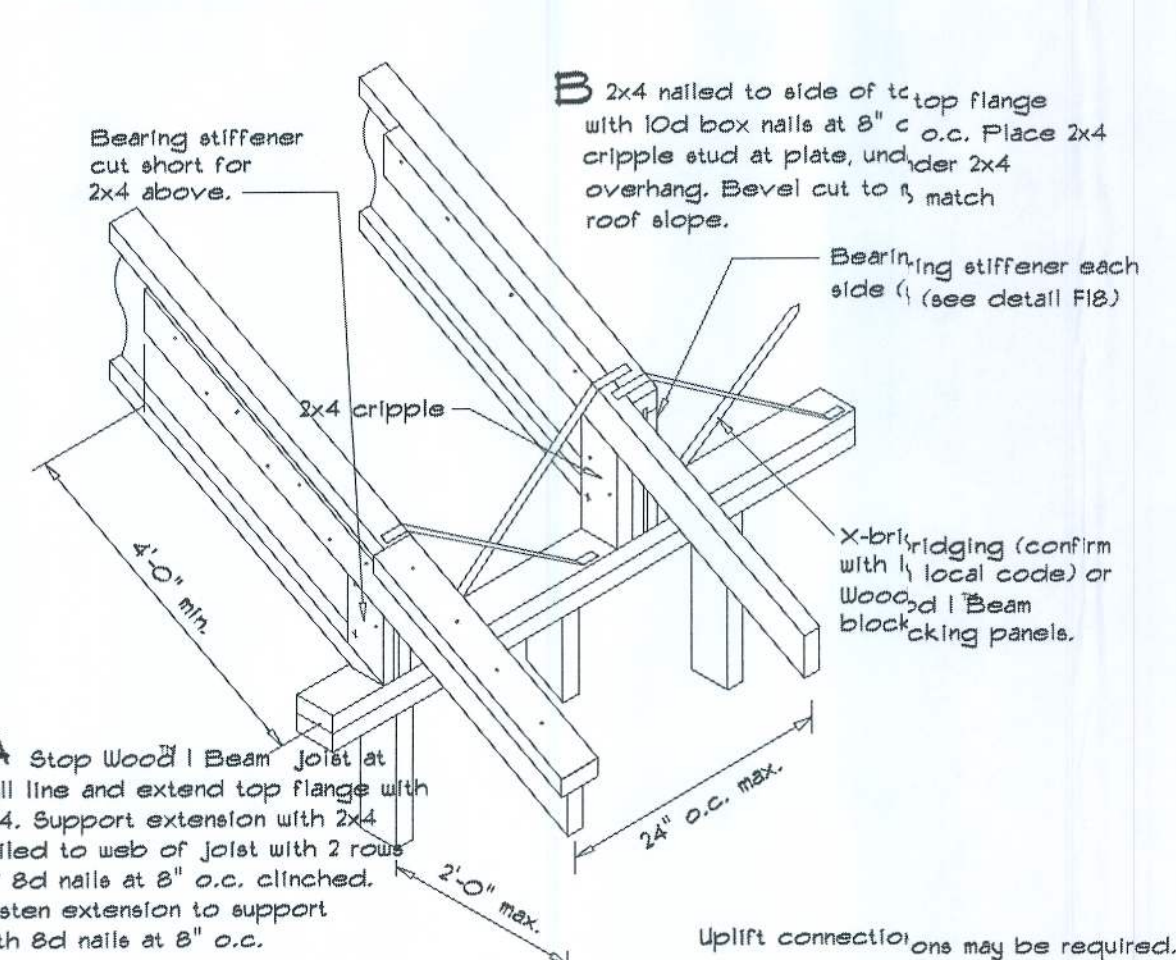


RIDGE-RAFTER CONNECTION

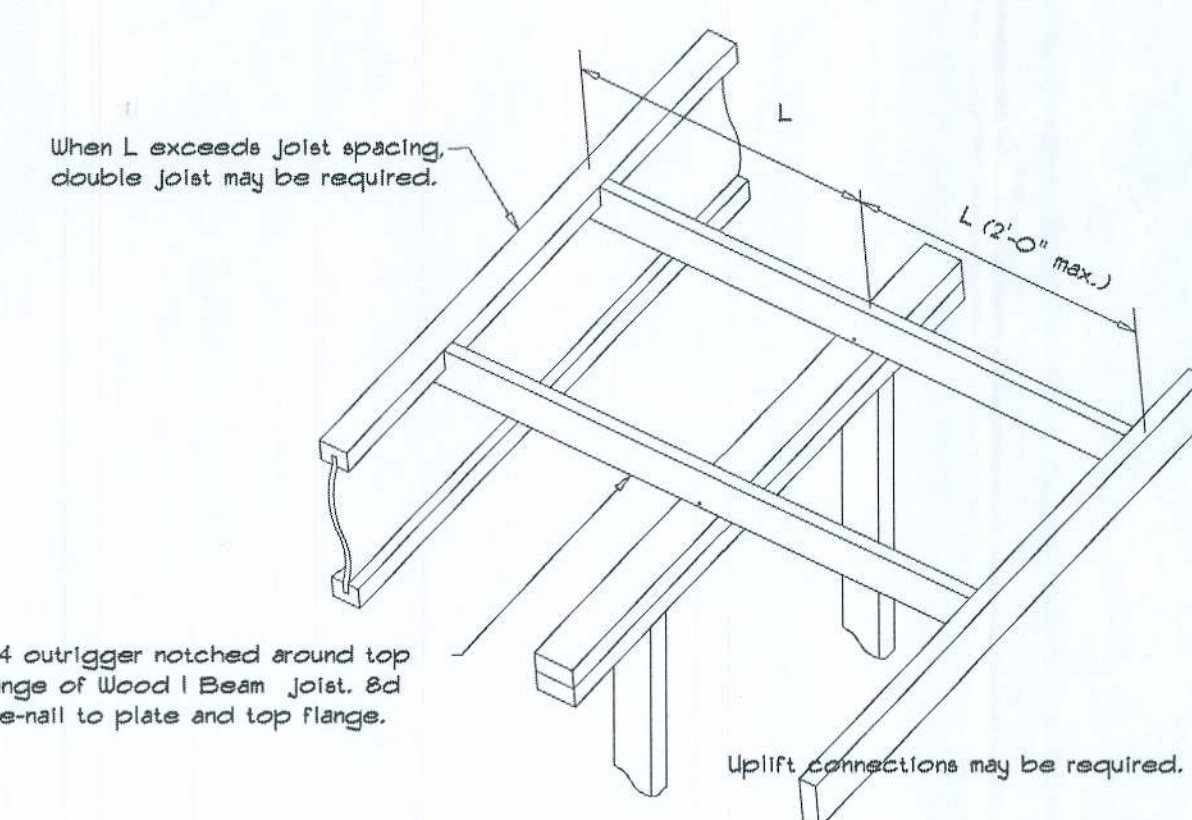


OPTIONAL OVERHANG EXTENSIONS

May be used with detail R4, R5 and R6.



OVERHANG PARALLEL TO JOIST



REVISIONS
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4812 STATE ROAD 247, LAKE CITY, FL 32024

NICHOLAS PAUL GEISLER ARCHITECT
1756 NW Brown Rd.
Lake City, FL 32055
NCARB Certified

SHEET NUMBER
S.4
OF 4 SHEETS

AR0007005
2/2/2021

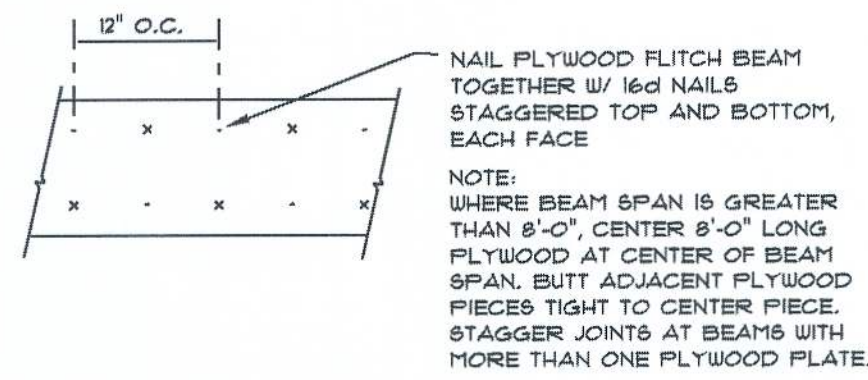
STANDARD HEADER SCHEDULE

0'-0" UP TO 6'-0" OPENINGS

DOUBLE 2x8 No.12 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA18 TOP AND 1 - SIMPSON SP44R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING

6'-0" UP TO 9'-0" OPENINGS

DOUBLE 2x12 No.12 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA24 TOP AND 1 - SIMPSON SP44R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING



PLYWOOD FLITCH BEAM DETAIL

NOT TO SCALE

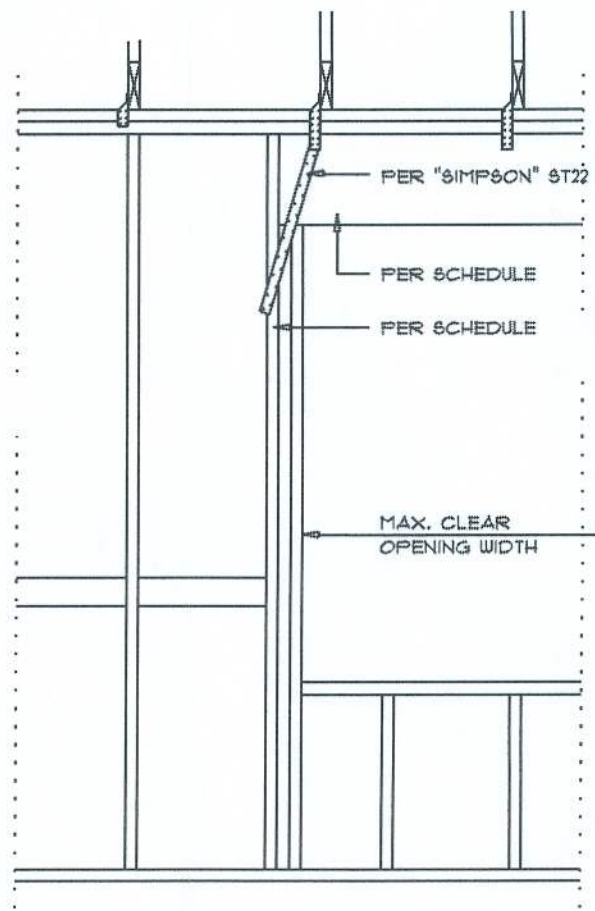
ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

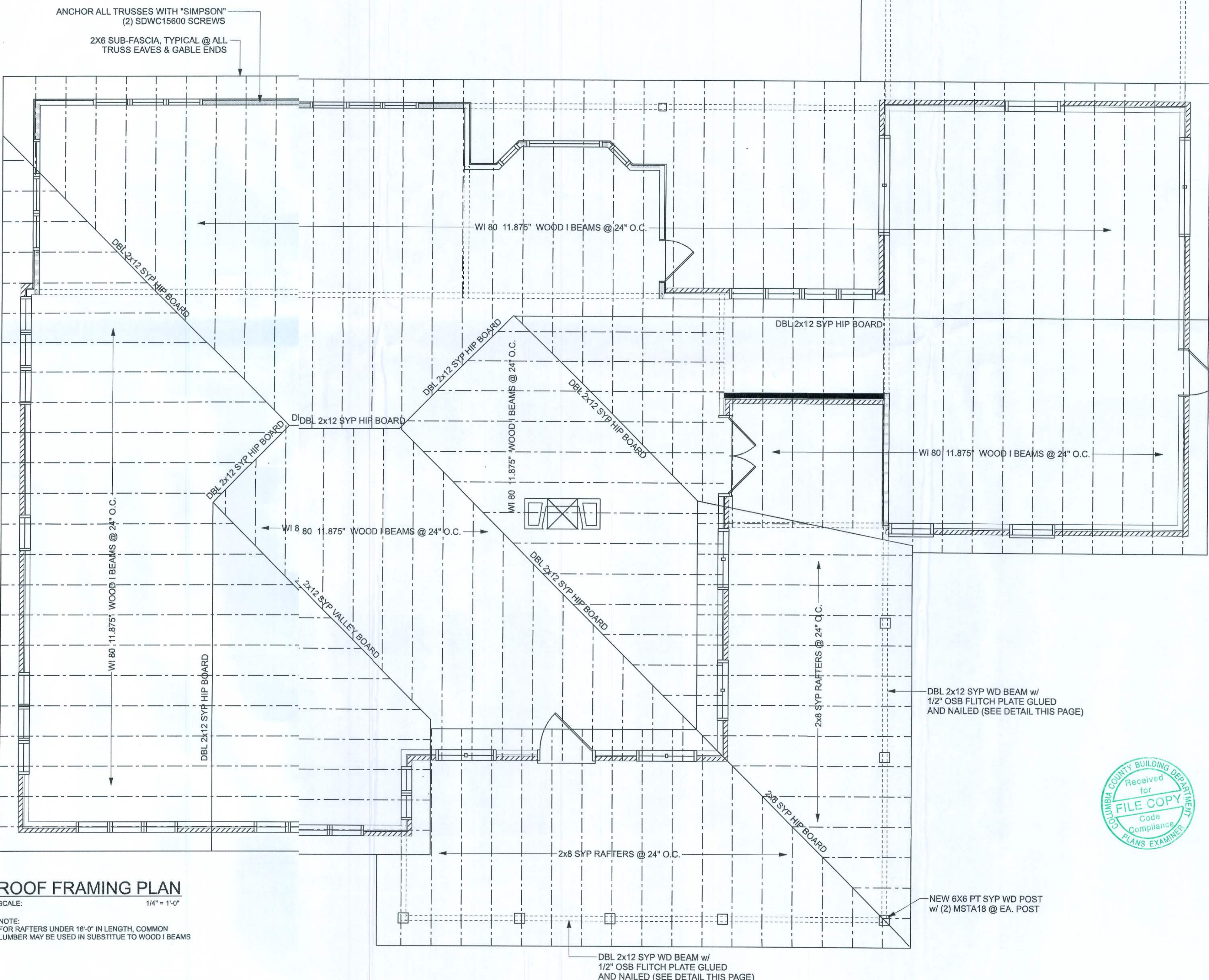
NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE



NEW OPENING FRAMING

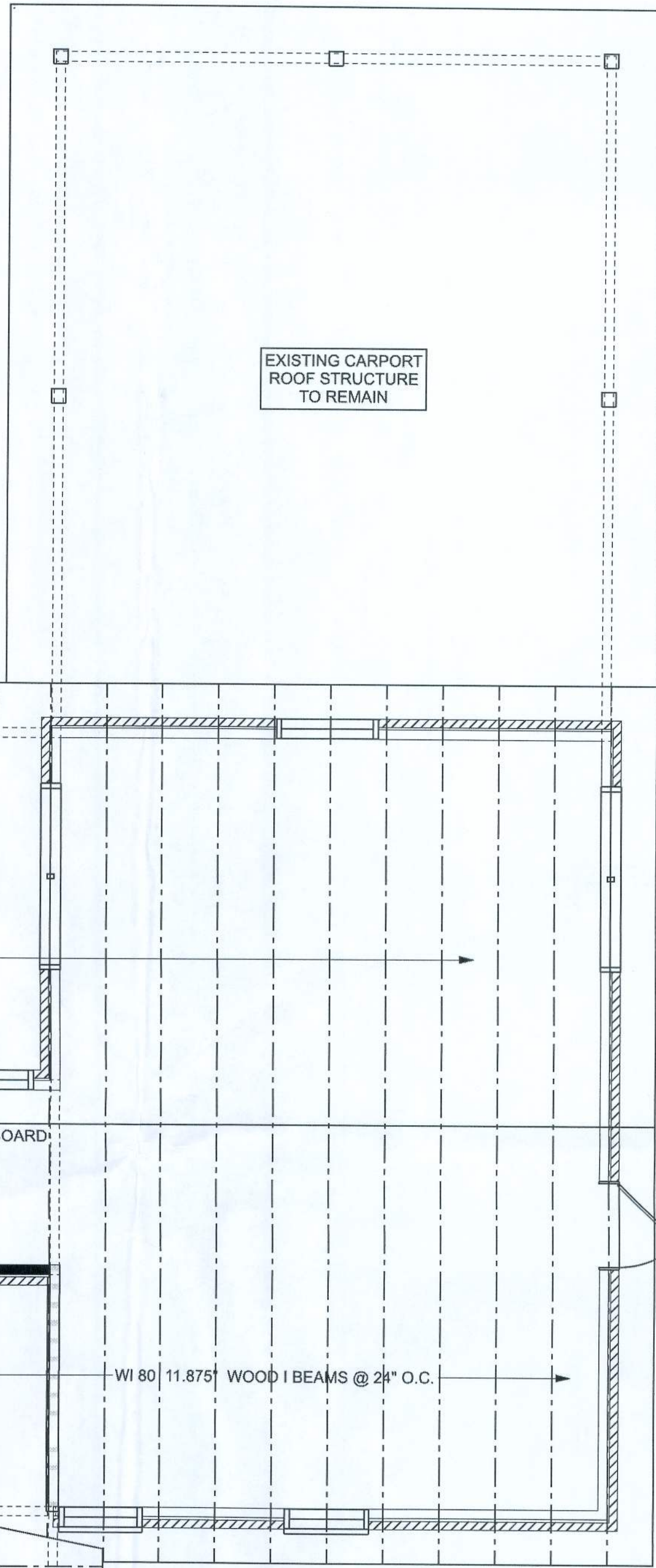
SCALE: 1/2" = 1'-0"



ROOF FRAMING PLAN

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

NOTE:
FOR RAFTERS UNDER 16'-0" IN LENGTH, COMMON LUMBER MAY BE USED IN SUBSTITUTE TO WOOD I BEAMS



EXISTING CARPORT ROOF STRUCTURE TO REMAIN



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Lake City, FL 32095
N.C.A.R.B. Certified

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OF 4 SHEETS

APR 27 2021
AR0007005

APP# 51289