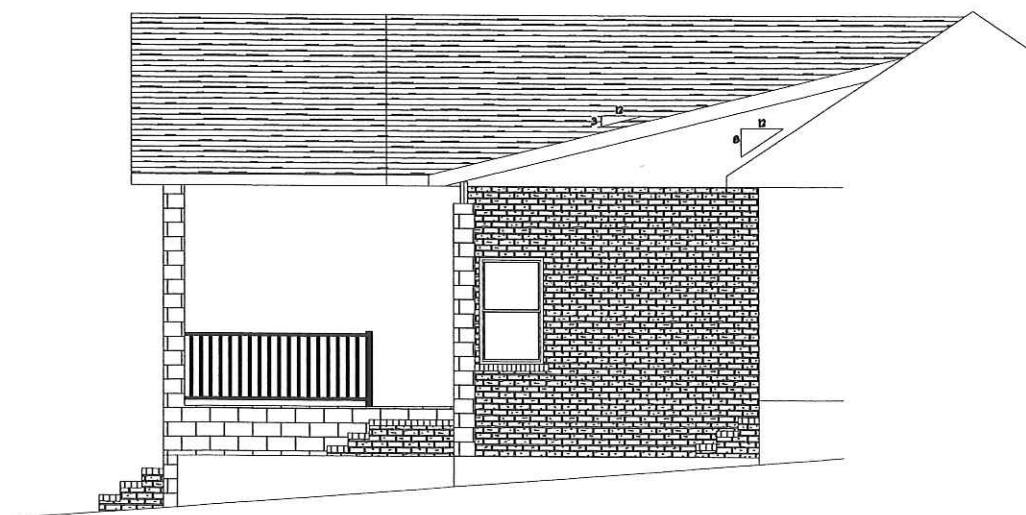




REAR ELEVATION
SCALE: 1/4" = 1'-0"



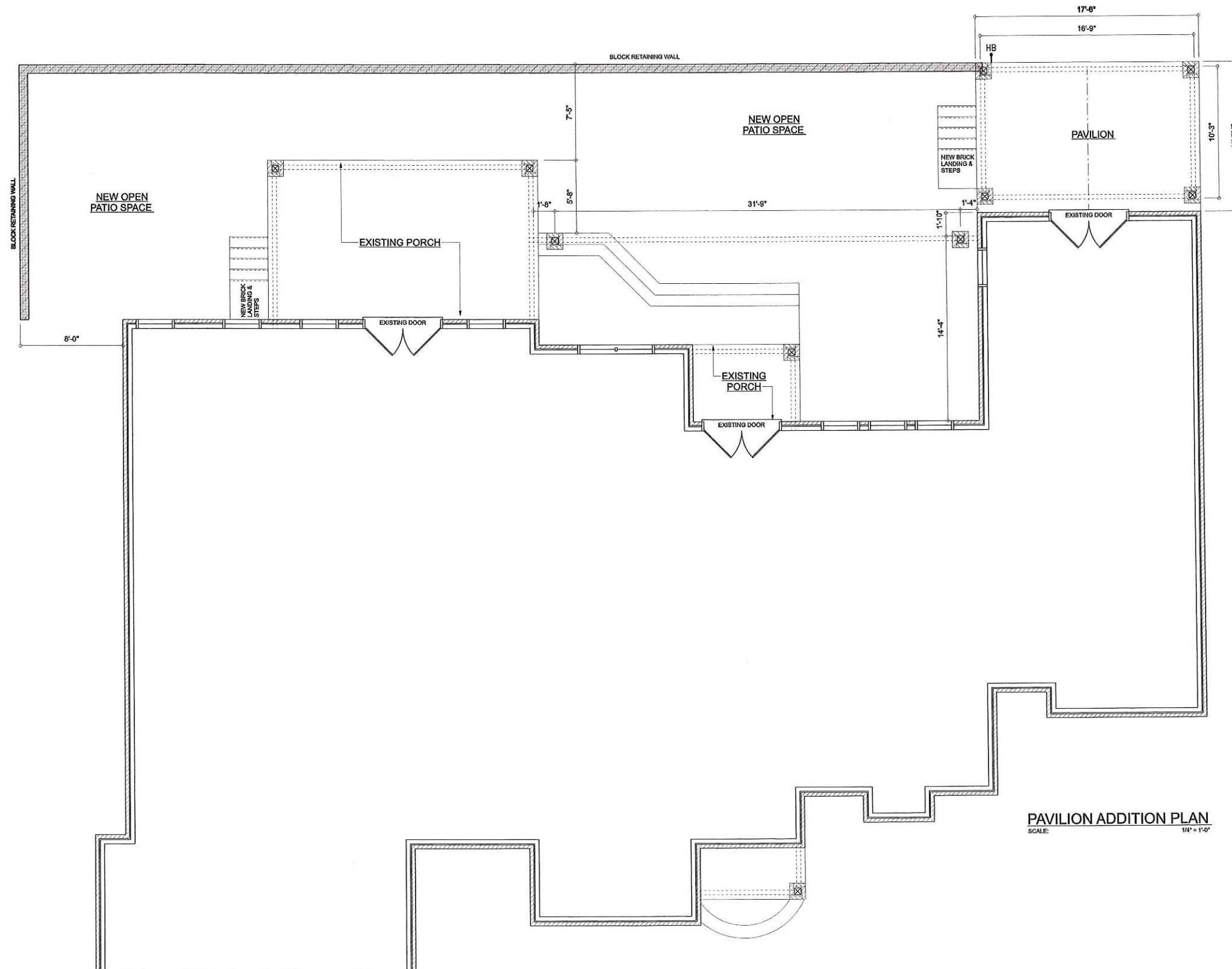
INSIDE ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
JULY 7th, 2020	Proposal Drawings
Nov. 16th, 2020	Revisions

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

RIDGEPOINT DESIGN
566 SW ARLINGTON BLVD. STE 101, LAKE CITY, FL 32055
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.1
OF 3 SHEETS



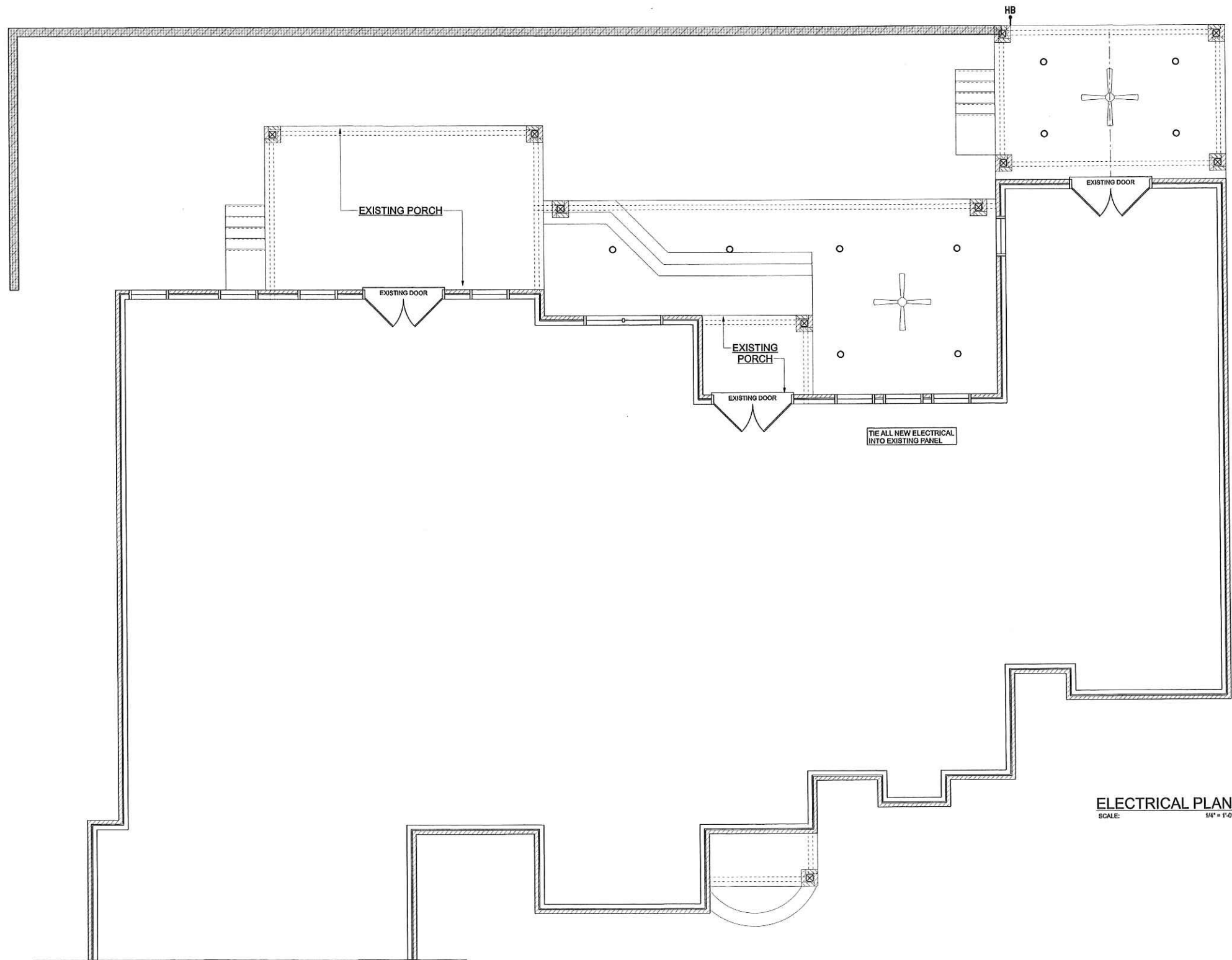
PAVILION ADDITION PLAN
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
JULY 7th, 2020	Proposal Drawings
Nov. 16th, 2020	Revisions

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

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

SHEET NUMBER
A.2
OF 3 SHEETS



REVISIONS SCHEDULE	
JULY 7th, 2020	Proposal Drawings
Nov. 16th, 2020	Revisions

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
 LAKE CITY, FLORIDA

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

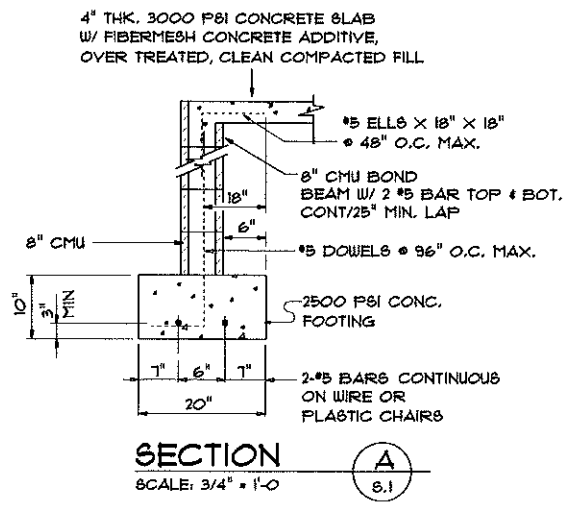
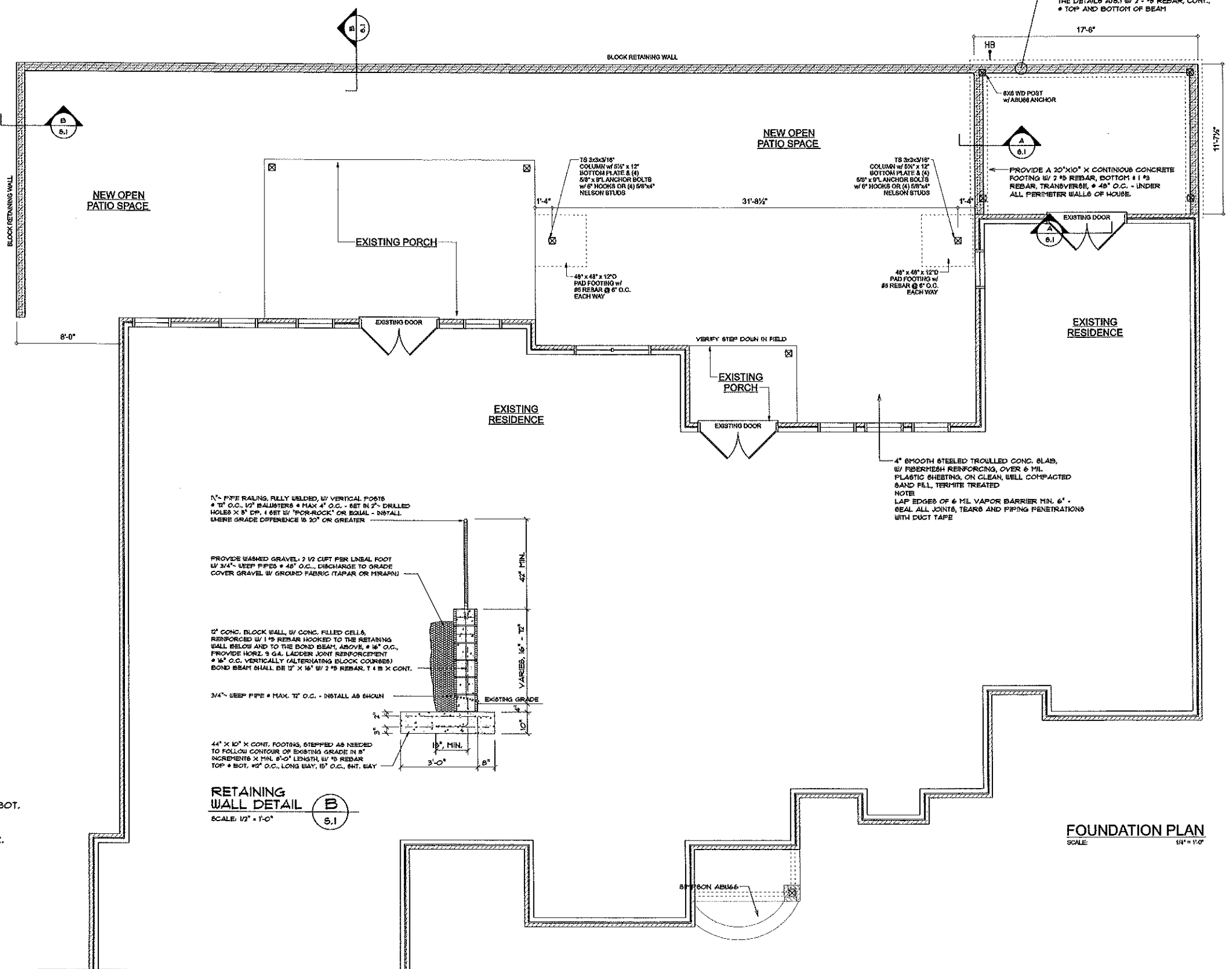
SHEET NUMBER
A.3
 OF 3 SHEETS

CONCRETE / MASONRY /
METALS GENERAL NOTES:

- DESIGN SOIL BEARING FREESURE: 1500 PSF.
- 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.
- 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.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTG'S, 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.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1609 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.



RETAINING WALL DETAIL
SCALE: 1/2" = 1'-0"

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

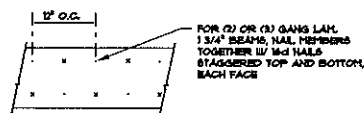
REVISIONS
Nov. 16th, 2020

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

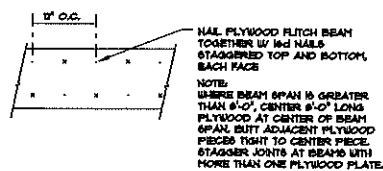
NICHOLAS PAUL GEISLER ARCHITECT
NICHOLAS GEISLER ARCHITECT
1300 W. 10th St.
LAKE CITY, FL 32055

SHEET NUMBER
S.1
OF 4 SHEETS

AF00007005



MULTIPLE GANG LAM. DETAIL
NOT TO SCALE



PLYWOOD FLITCH BEAM DETAIL
NOT TO SCALE

B/U Beam DETAILS

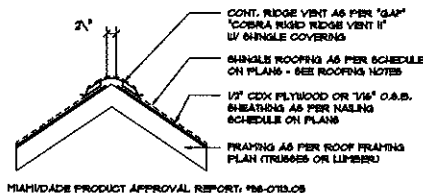
SCALE: NONE

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in.)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		26	
GALVANIZED STEEL	0.019	26 (ZINC COATED 550)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40

Roofing/Flashing DETS.

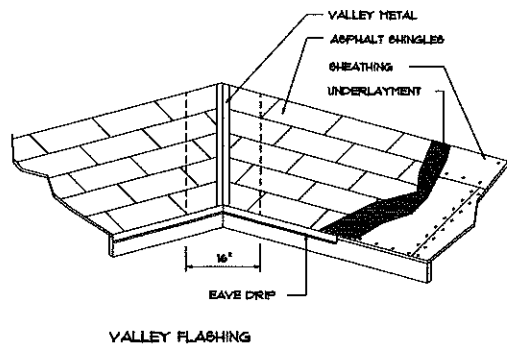
SCALE: NONE

AREA OF ATTIC	REQ'D L.P. OF VENT	NET FREE AREA OF INTAKE
1600 SF	30 LF	410 SQ.IN.
1800 SF	34 LF	460 SQ.IN.
2000 SF	38 LF	510 SQ.IN.
2600 SF	51 LF	680 SQ.IN.
3600 SF	64 LF	900 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3400 SF	44 LF	800 SQ.IN.



Ridge Vent DETAIL

SCALE: 3/4" = 1'-0"



GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST EDITION, ALONG WITH THE TRUSS PLATE INSTITUTE SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND UNLOADING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS., & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

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 60.4

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

NOTE
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING AND OTHER SUCH PENETRATIONS. WALL OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR & ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

ANCHOR ALL TRUSSES WITH "STRIPCON" 12.5# STRAPS & 5 - 10" NAILS

2x6 SUB-FASCIA, TYPICAL - ALL TRUSS BAYES & GABLE ENDS

8d WD POST w/ 108d or (2) 148d 10s

DR 2x12 SYP WD BEAM w/ OSB FLITCH PLATE

TS 3x3x1/8" COLUMN w/ 65# x 12" TOP PLATE & (4) A325 BOLTS

TS 3x3x1/8" COLUMN w/ 65# x 12" TOP PLATE & (4) A325 BOLTS

W10x29 STEEL BEAM

2x12 SYP WD RAFTERS @ 24" O.C.

EXISTING DOOR

EXISTING DOOR

2x4 INTERMEDIATE SUPPORT WALL ON TOP EXISTING ROOF AS REQUIRED

2x4 INTERMEDIATE SUPPORT WALL ON TOP EXISTING ROOF AS REQUIRED

ROOF FRAMING PLAN

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

ROOF PLAN NOTES

- SEE ELEVATIONS FOR ROOF PITCH
- ALL OVERHANGS 18" (2' on gables) UNLESS OTHERWISE NOTED
- PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON 60.3
- SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

REVISIONS
Nov. 16th, 2020

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER ARCHITECT
1100 N. 1st Street, Suite 100
LAKE CITY, FL 32055

SHEET NUMBER
S.2
OF 4 SHEETS

AP0007005

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Gable Construction Wood Trusses @ 24" O
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab w/ Fiberglass Concrete Additive
Foundation:	Continuous Footing/Beam Wall
ROOF DECKING	
Material:	1/2" CD Plywood or 1/4" O.S.B.
Sheet Size:	48"x96" Sheets Perpendicular to Roof Framing
Fasteners:	8d Common Nails per schedule on sheet A.1
SHEARWALLS	
Material:	1/2" CD Plywood or 1/4" O.S.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragebolt:	Double Top Plate (B.Y.P.) W/ 16d Nails @ 12" O.C.
Wall Studs:	2x6 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	Stripscon H2.8a @ Ea. Truss End (Typ. U.O.N.)
Wall Tension:	Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" O.C. - Mt Bolt 12"-16" from corner
Corner Hold-down Device:	(U) HCB4 @ each corner
Porch Column Base Connector:	Stripscon ASB66 @ each column
Porch Column to Beam Connector:	Stripscon FPC66/PC66 @ each column
FOOTINGS AND FOUNDATIONS	
Footings:	20"x60" x CONT., CONCRETE FOOTING W/ 2 # REBAR.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLEIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 1, EXPOSURE: "B"

BASED ON ANH/ASCE 1-10, 2020 FBC 1609-A WIND VELOCITY V_{WT} @ 30 MPH
V_{ASCE} = 101 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 30 PSF
SUPERIMPOSED LIVE LOADS: 30 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

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH 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 1603.4.2
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1603.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1603.4.4
- 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 6" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1603.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1616.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1616.1.2

1. 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 1616.1.3

2. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1616.1.4

3. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1616.1.5

4. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1616.1.6

5. 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 1616.1.6

6. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1616.1.7

7. 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 CONSUMER SERVICES". FBC 1616.1.7

8. 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, TIE TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

9. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 10'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF/R/MODEL	CAP.
TRUSS TO WALL:	STRIPCON H2.8a OR 600C16-00 SCREWS	600P
GIRDER TRUSS TO POST/HEADER:	STRIPCON LGT, W/ 28 - 16d NAILS	178P
HEADER TO KING STUD(S):	STRIPCON 6T22	1370P
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO BILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	STRIPCON PC66 or M6T24	1100P
PORCH POST TO FND.:	STRIPCON ASB66	2200P
MISC. JOINTS	STRIPCON AS4	38P/240P

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.

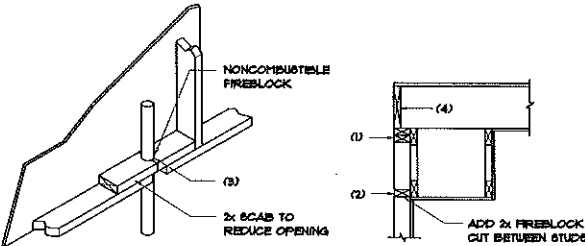
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH STRIPCON AS4 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SERICO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #95-0816.15

NOTE:
"STRIPCON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #91-0107.05, #96-1126.11, #99-0623.04
SBCCI NER-443, NER-393

BUILDING COMPONENTS & CLADDING LOADS		MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"			
ROOF ANGLE T TO 2T		ROOF ANGLE T TO 2T			
S	T	V _{WT} 30 MPH	V _{WT} 30 MPH	V _{WT} 30 MPH	V _{WT} 30 MPH
		10.0 / -16.8	14.5 / -25.1	11.8 / -21.8	20.3 / -30.3
1	10	14.5 / -25.1	19.0 / -28.0	16.0 / -27.0	18.8 / -31.4
	20	19.0 / -28.0	23.5 / -32.5	19.8 / -29.0	23.1 / -34.6
2	10	23.5 / -32.5	28.0 / -35.0	24.5 / -31.5	27.8 / -36.8
	20	28.0 / -35.0	32.5 / -39.5	28.8 / -36.0	32.1 / -41.9
3	10	32.5 / -39.5	37.0 / -41.0	33.5 / -37.5	36.8 / -41.9
	20	37.0 / -41.0	41.5 / -45.5	38.0 / -42.0	41.1 / -47.1
4	10	41.5 / -45.5	46.0 / -46.0	42.0 / -46.0	45.8 / -46.0
	20	46.0 / -46.0	50.5 / -46.0	46.8 / -46.0	50.1 / -46.0
5	10	50.5 / -46.0	55.0 / -46.0	51.0 / -46.0	54.8 / -46.0
	20	55.0 / -46.0	59.5 / -46.0	55.8 / -46.0	59.1 / -46.0
6	10	59.5 / -46.0	64.0 / -46.0	60.0 / -46.0	63.8 / -46.0
	20	64.0 / -46.0	68.5 / -46.0	64.8 / -46.0	68.1 / -46.0
7	10	68.5 / -46.0	73.0 / -46.0	70.0 / -46.0	72.8 / -46.0
	20	73.0 / -46.0	77.5 / -46.0	73.8 / -46.0	77.1 / -46.0
8	10	77.5 / -46.0	82.0 / -46.0	78.0 / -46.0	81.8 / -46.0
	20	82.0 / -46.0	86.5 / -46.0	82.8 / -46.0	86.1 / -46.0
9	10	86.5 / -46.0	91.0 / -46.0	87.0 / -46.0	90.8 / -46.0
	20	91.0 / -46.0	95.5 / -46.0	91.8 / -46.0	95.1 / -46.0

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
Bldg Height	Exposure "B"	Exposure "C"	Exposure "D"
5	1.00	1.21	1.41
20	1.00	1.28	1.55
30	1.00	1.39	1.61
40	1.00	1.40	1.66



PENETRATIONS

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 CEILING, COVE CEILING, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPLAN" MULTILEX 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

A

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4849, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 226 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 100 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR MDC PA 101-85.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 15 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 15 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/ MGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.018 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 0.018 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

- FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 1/8" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE B01.3.5.2.
- FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 16 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
- FOR 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 AND COMPLYING WITH ASTM D 1970.

REVISIONS
Nov. 16th, 2020

ADDITIONS AND RENOVATIONS FOR:

SIMMONS RESIDENCE

LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GIESLER ARCHITECT

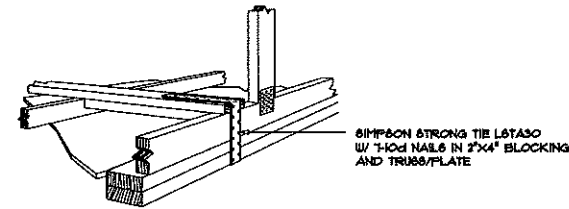
1705 NW 28th Ave
Lake City, FL 32055

SHEET NUMBER

S.3

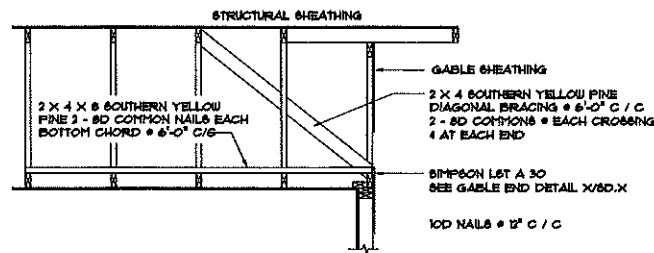
OF 4 SHEETS

AF00007005



GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR
SCALE: NONE

A.1

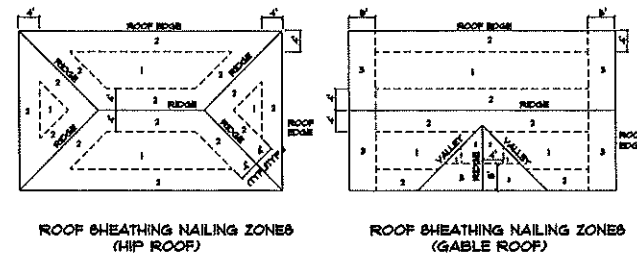


END WALL BRACING FOR
CEILING DIAPHRAGM
NTS

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

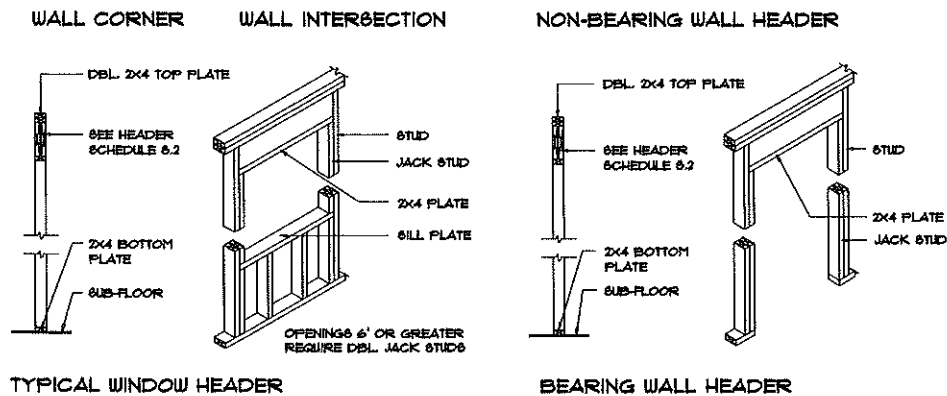
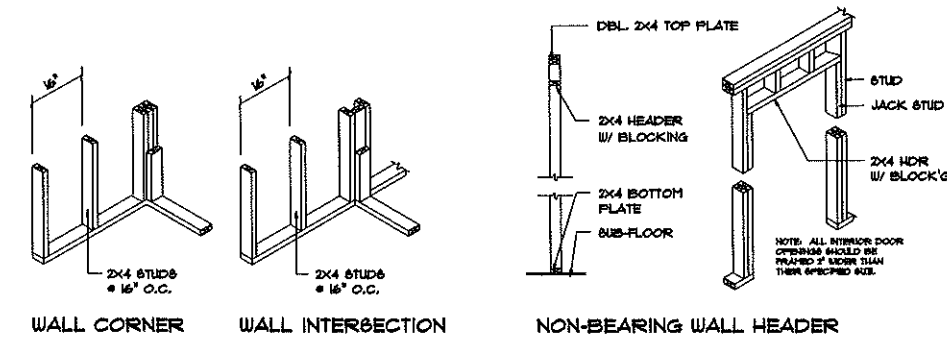
A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 IN. O.C. EDGE 12 IN. O.C. FIELD
2	1/2" O.C.B. OR 15/32 COR.	10 D RING SHANKED NAILS	6 IN. O.C. EDGE 12 IN. O.C. FIELD
3			4 IN. O.C. GABLE ENDGALL OR GABLE TRUSS 6 IN. O.C. EDGE 12 IN. O.C. FIELD



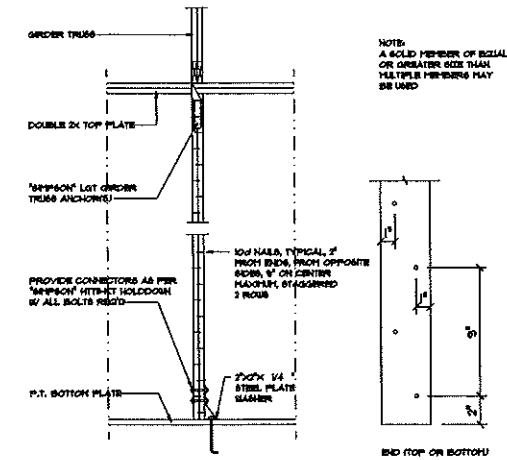
Roof Nail Pattern DET.
SCALE: NONE

B



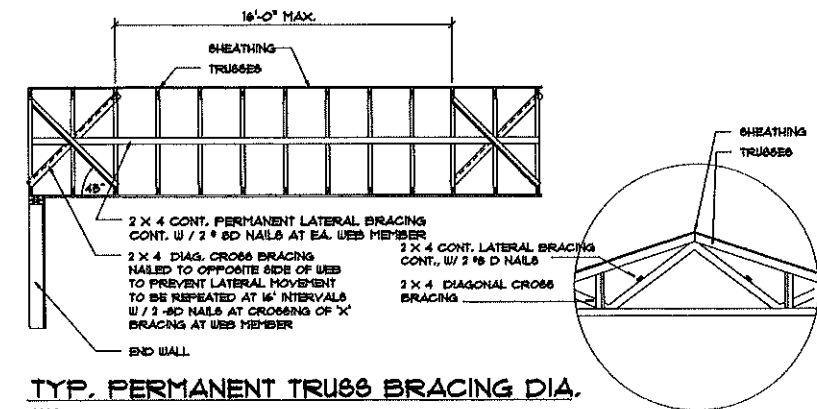
Wall Framing/Header DETAILS
SCALE: NONE

F



Girder Truss Column DET.
SCALE: 1/2" = 1'-0"

C

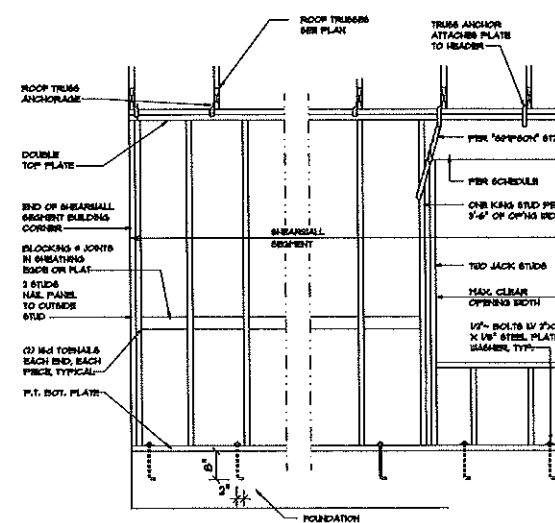


TYP. PERMANENT TRUSS BRACING DIA.
NTS

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

Truss Bracing DETAILS
SCALE: AS NOTED

D



SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" BRIDGEMAN 150 INCLINING AREAS ABOVE AND BELOW OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOISTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG SUGGERS
- WALL BRACING SHALL BE 8" O.C. EDGES AND 12" O.C. IN THE FIELD
- TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 1/3 THE WALL HEIGHT. THE FOURTH DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHTS FOR 8'-0" WALLS (1'-0")

OPENING RATIO	SILL PLATES	1/4" TOR NAILS EACH END
UP TO 4'-0"	(1) 2x4 OR (1) 2x6	1
4'-0" TO 8'-0"	(2) 2x4 OR (1) 2x6	2
8'-0" TO 12'-0"	(3) 2x4 OR (2) 2x6	3

Shear Wall DETAILS
SCALE: NONE

E

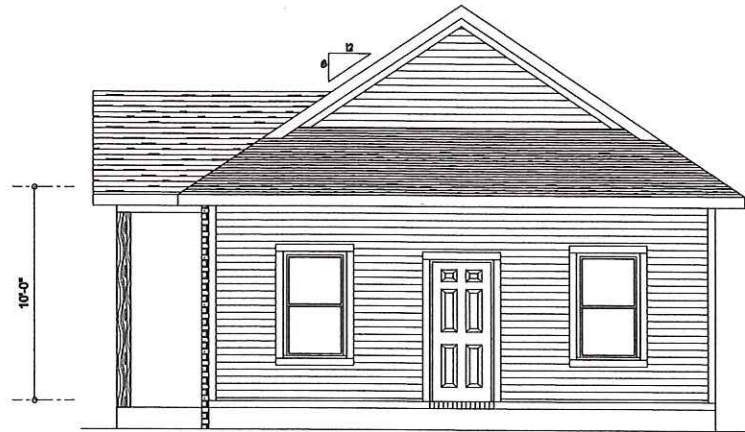
REVISIONS
Nov. 16th, 2020

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

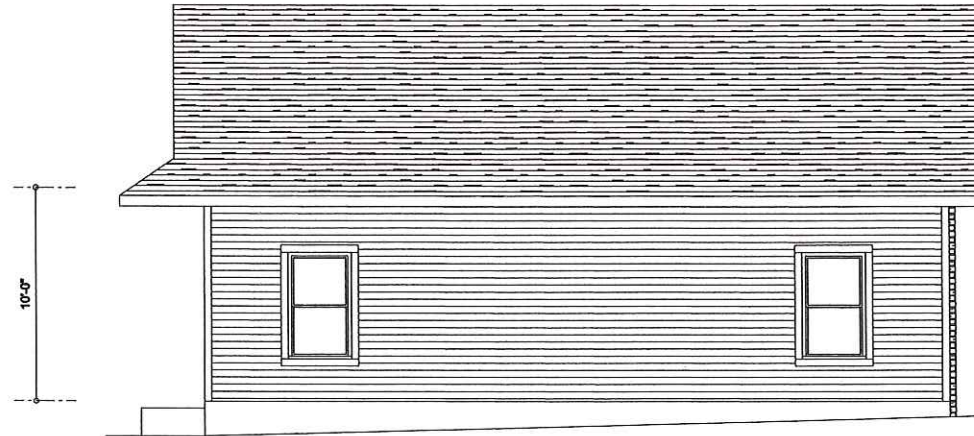
NICHOLAS PAUL GEISLER ARCHITECT
1111 NE 11th Street, Suite 100
LAKE CITY, FLORIDA 32055

SHEET NUMBER
S.4
OF 4 SHEETS

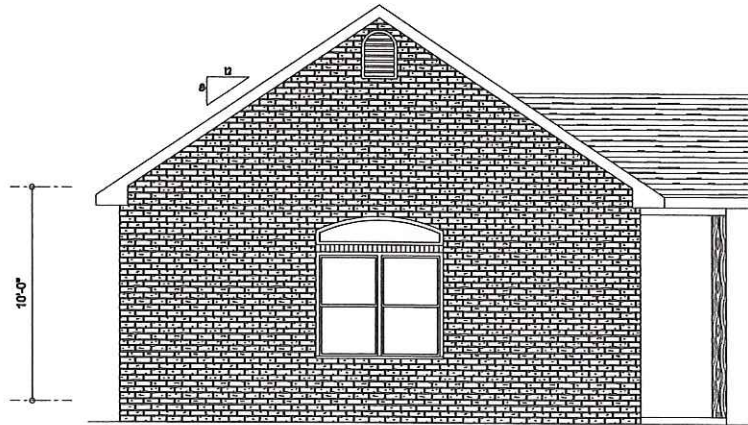
AR0007005



CARPORT NORTH VIEW
SCALE: 1/4" = 1'-0"



CARPORT WEST VIEW
SCALE: 1/4" = 1'-0"



CARPORT SOUTH VIEW
SCALE: 1/4" = 1'-0"



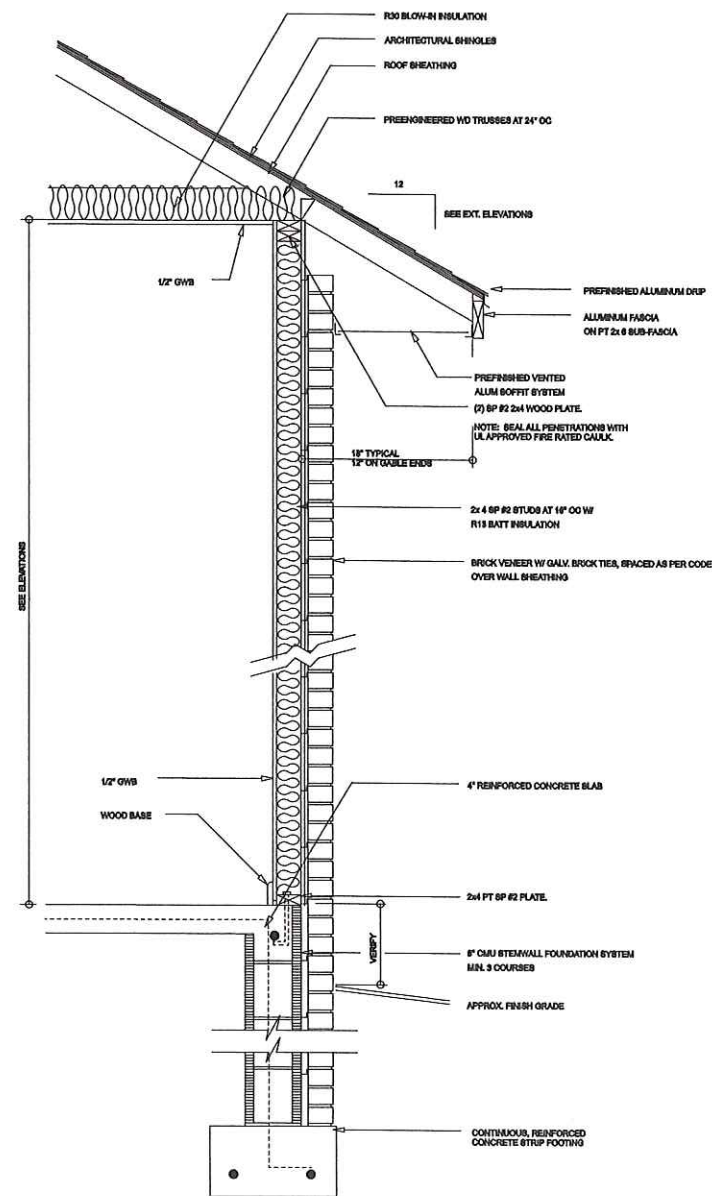
CARPORT EAST VIEW
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
JULY 7th, 2020	Proposal Drawings
Nov. 16th, 2022	Revisions

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

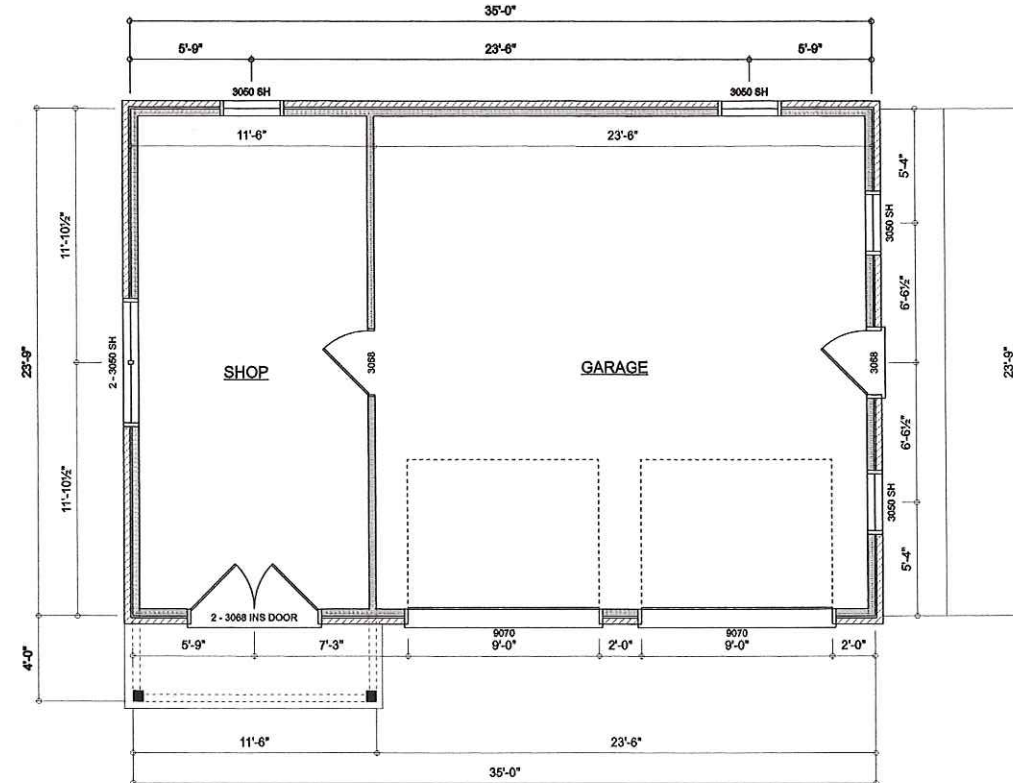


SHEET NUMBER
A.3
OF 3 SHEETS

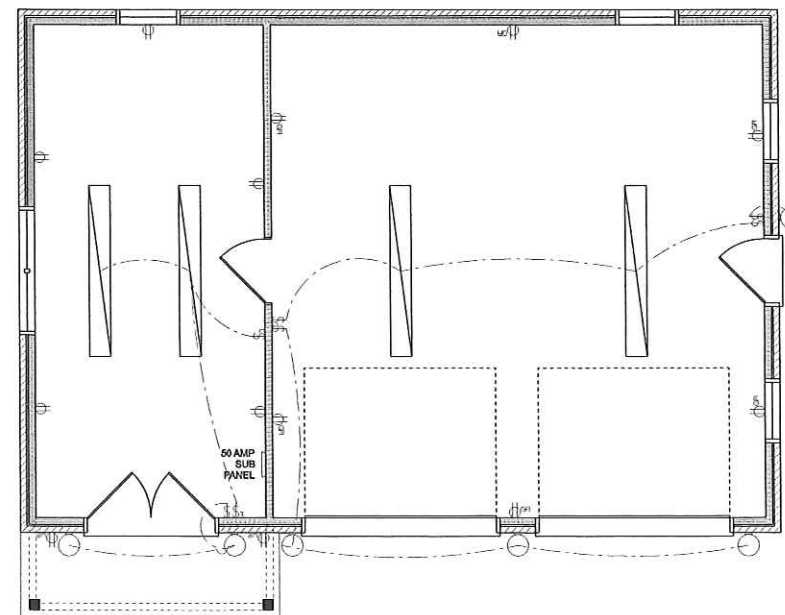


TYPICAL WALL SECTION
SCALE: NOT TO SCALE

AREA SUMMARY		
ENTRY PORCH	46	S.F.
GARAGE	831	S.F.
TOTAL UNDER ROOF	877	S.F.



DETACHED CARPORT PLAN
SCALE: 1/4\"/>



DETACHED CARPORT ELECT.
SCALE: 1/4\"/>

REVISIONS SCHEDULE		
JULY 7th, 2020	Proposal Drawings	
Nov. 16th, 2022	Revisions	

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

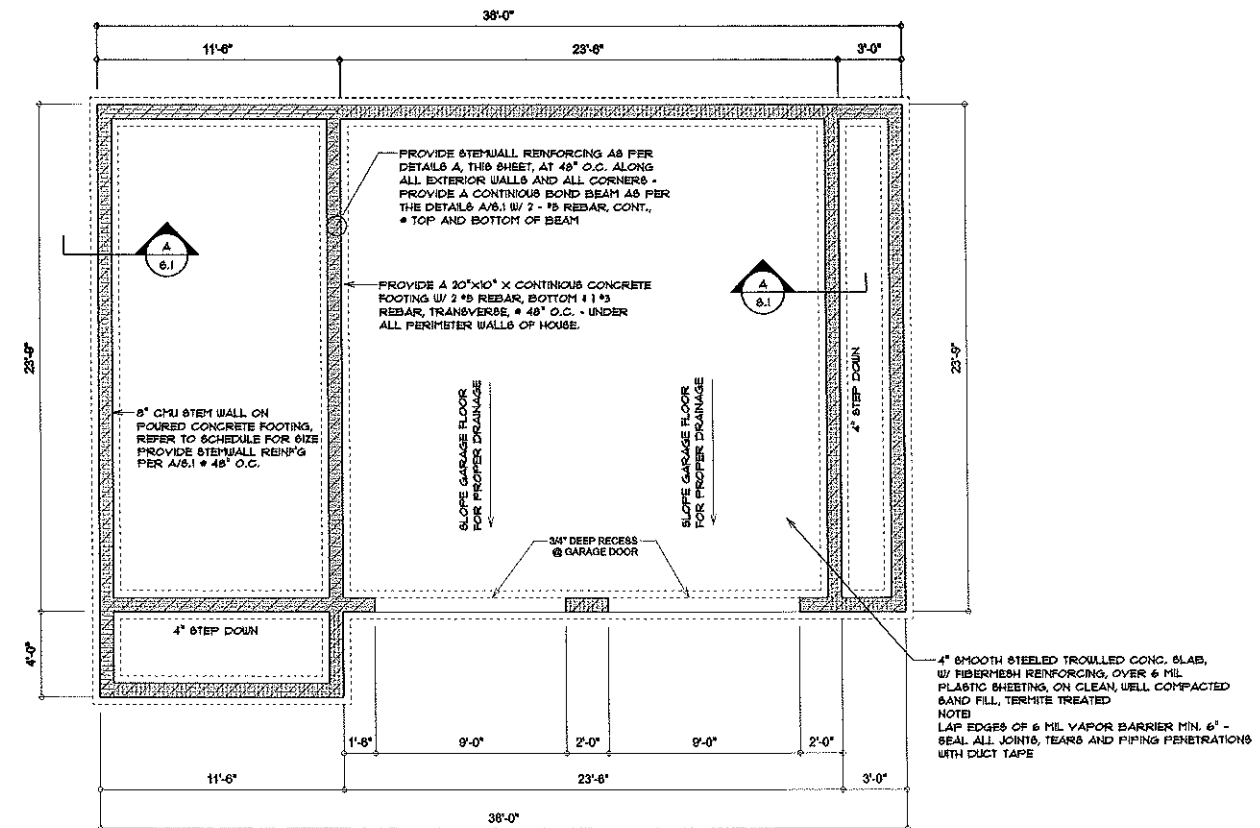
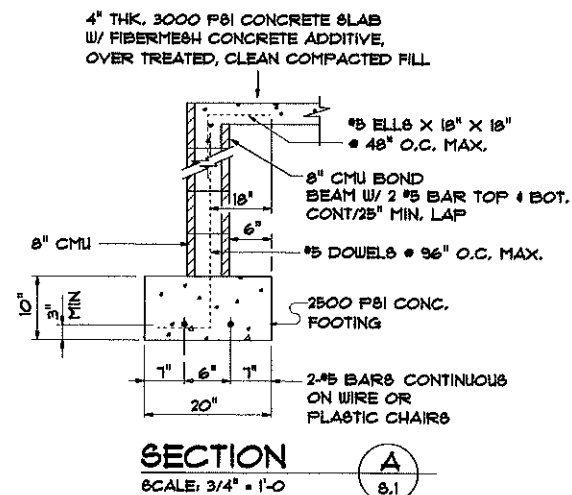
RIDGEPOINT DESIGN
564 SW ARLINGTON BLVD. STE. 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.4
OF 3 SHEETS

1. DESIGN SOIL BEARING PRESSURE 1800 PSF.
2. EXPANSIVE SOILS. WHEN 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 6AND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL. COMPACTED SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1800 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 A618, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH 6LAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A655 - MIN. YIELD STRESS = 65 KSI.
6. CONCRETE SHALL BE STANDARD MIX P.C. = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P.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-8 = 1800 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 1 OR A328, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

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

NOTE:
ADDED FILL SHALL BE APPLIED IN 6" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.



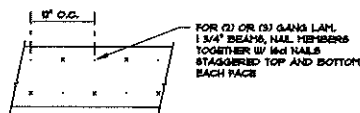
REVISIONS
Nov. 16th, 2022

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

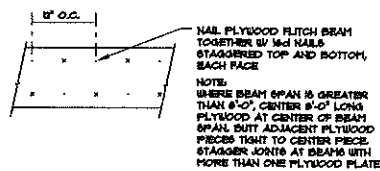
GE
**NICHOLAS
PAUL
GEISLER
ARCHITECT**

SHEET NUMBER
S.1
OF 4 SHEETS

AR0007005



MULTIPLE GANG LAM. DETAIL
NOT TO SCALE



PLYWOOD FLITCH BEAM DETAIL
NOT TO SCALE

B/U Beam DETAILS

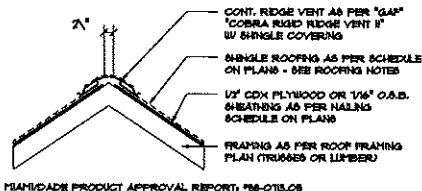
SCALE: NONE

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

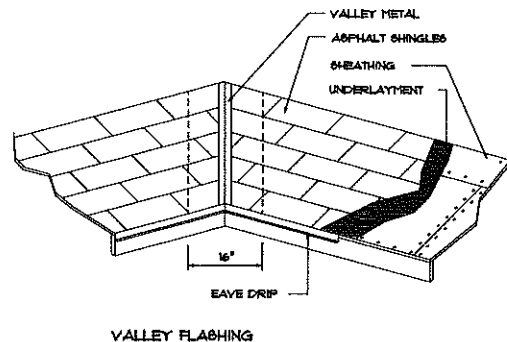
SCALE: NONE

AREA OF ATTIC	REQ'D L.R. OF VENT	NET FREE AREA OF RAKE
1600 SF	30 LF	450 SQ.IN.
1800 SF	34 LF	480 SQ.IN.
2200 SF	38 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	750 SQ.IN.
3100 SF	40 LF	800 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL

SCALE: 3/4" = 1'-0"



GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST EDITION, ALONG WITH THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETAILS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND IMPLY REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

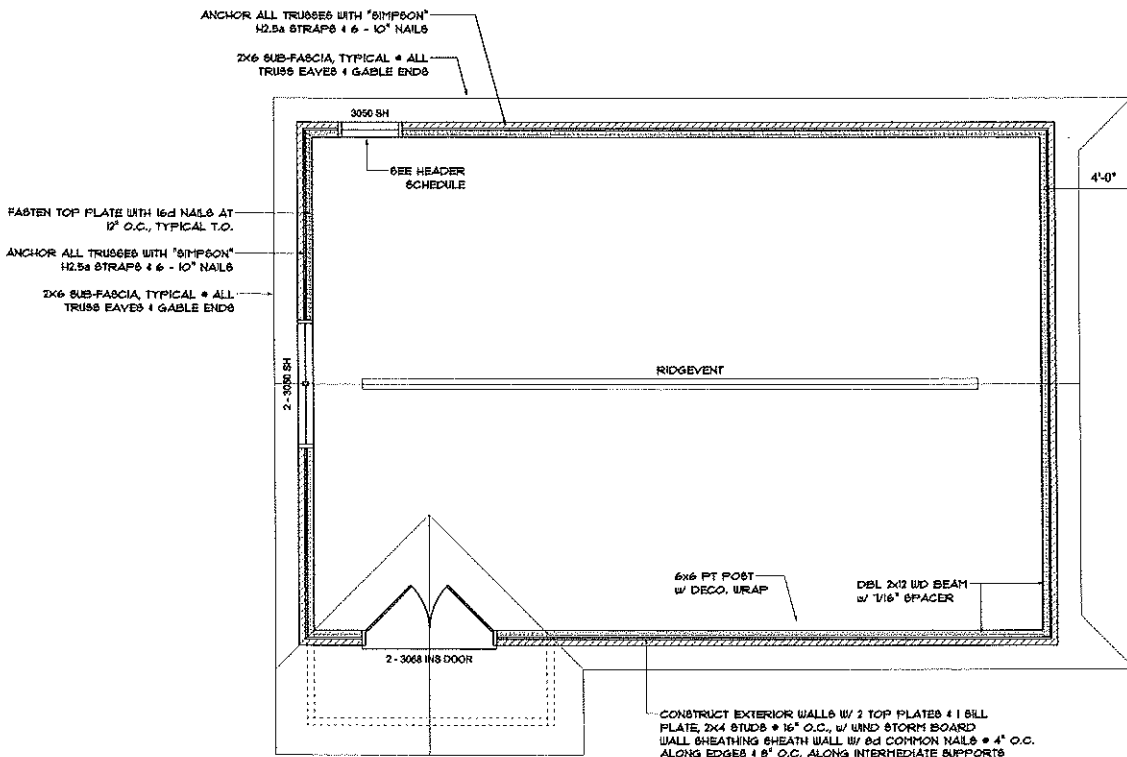
NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET 6D.4

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

NOTE:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RESISTANT CAULKING, INCLUDING WIRING, PLUMBING AND OTHER SUCH PENETRATIONS. WALL OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.



ROOF FRAMING PLAN

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

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 16" (2' on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON 6D.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

REVISIONS
Nov. 16th, 2022

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER ARCHITECT
NICHOLAS GEISLER ARCHITECT
1700 NW 10TH AVE. SUITE 200
LAKE CITY, FL 32055

SHEET NUMBER
S.2
OF 4 SHEETS

APR0007005

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Gable Construction, Wood Trusses @ 24" O.C.
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab w/ Fiberglass Concrete Additive
Foundation:	Continuous Footer/Slab Wall
ROOF DECKING	
Material:	1/2" CD Plywood or 1/4" O.S.B.
Sheet Size:	48"x96" Sheets Perpendicular to Roof Framing
Fasteners:	8d Common Nails per schedule on sheet A.1
SHEARWALLS	
Material:	1/2" CD Plywood or 1/4" O.S.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut:	Double Top Plate (S.T.P.) W/ 8d Nails @ 12" O.C.
Wall Studs:	2x6 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2Ba @ Ea. Truss End (Typ. U.O.N.)
Wall Tension:	Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" O.C. - 1st Bolt 12'-6" from corner
Corner Hold-down Device:	(1) HDBs @ each corner
Porch Column Base Connection:	Simpson ABUSs @ each column
Porch Column to Beam Connection:	Simpson EFCs/PCCs @ 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 1608 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: 'B'

BASED ON ANNUAL MEAN 30-yr MFG-A WIND VELOCITY V_{ULT} = 130 MPH
 V_{50} = 121 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF

5. WIND UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

601. CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RENOVATION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1616.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 603.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 603.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND GROUND GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE COVERINGS THINER THAN 1/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1603.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1616.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1616.1.2
- 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 1616.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1616.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1616.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1616.1.6
- 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 1616.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1616.1.7
- 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 CONSUMER SERVICES". FBC 1616.1.7
- 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, TRAP BOXES, FORMS, SNOWING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2Ba OR SUDC18600 SCREWS	600°
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	135°
HEADER TO KING STUD(S):	SIMPSON ST2	135°
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO GILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PCs @ 18GA24	1100°
PORCH POST TO FND.:	SIMPSON ABUSs	2200°
MISC. JOINTS	SIMPSON AS4	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.

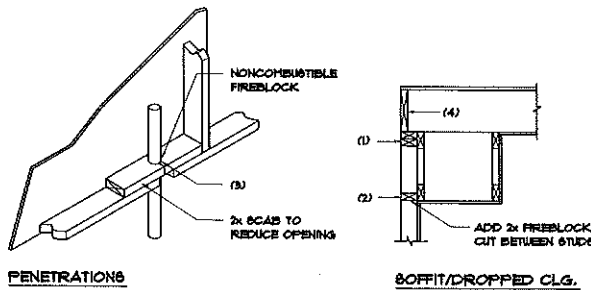
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON AS4 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #93-0918.15

NOTE:
"SIMPSON" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #87-0101.05, #96-1026.11, #99-0623.04
BSCCI NER-443, NER-383

		BUILDING COMPONENTS & CLADDING LOADS			
		MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE "T" TO "2T"			
TYP. AREA	WIND DIRECTION	V ₅₀ 10 MPH	V ₅₀ 20 MPH	V ₅₀ 30 MPH	V ₅₀ 40 MPH
		1	2	3	4
ROOF "T" TO "2T"	1	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1
	2	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1
	3	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1
WALL	1	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1
	2	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1
	3	10.0 / -18.9	14.9 / -28.1	19.8 / -37.6	24.7 / -46.1

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BUILDING HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
10	1.00	1.21	1.41
20	1.00	1.25	1.46
30	1.00	1.30	1.51



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 CEILING, COVE CEILING, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFANEL 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

A

General Roofing NOTE6:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4869, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1810.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 226 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3141 OR MDC PA 107-98.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 15 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 15 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 PATTERN PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.015 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 0.015 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE B013.9.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 16 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1810.

REVISIONS
Nov. 16th, 2022

ADDITIONS AND RENOVATIONS FOR:

SIMMONS RESIDENCE

LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER ARCHITECT

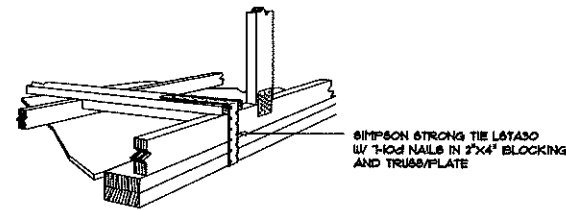
THE NUGGET Bldg
LAKE CITY, FL 32055

SHEET NUMBER

S.3

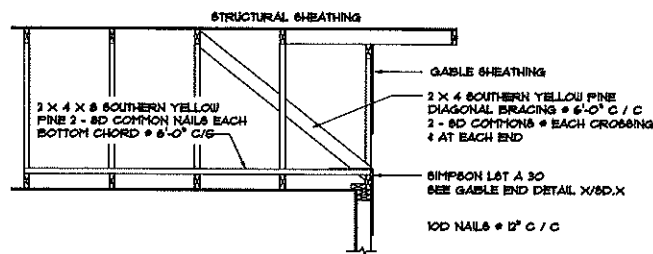
OF 4 SHEETS

AP0007005



**GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR**
SCALE: NONE

A.1

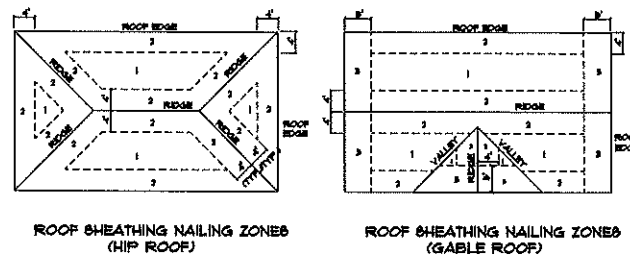


**END WALL BRACING FOR
CEILING DIAPHRAGM**
NTS

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

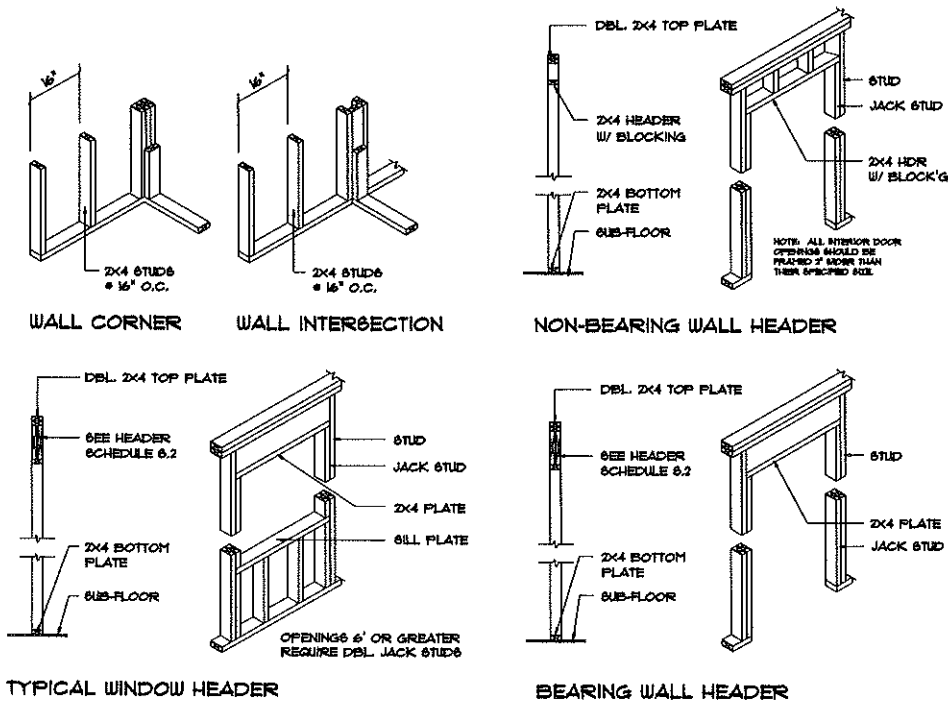
A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			4 in. o.c. EDGE 12 in. o.c. FIELD
2	1/2" O.S.B. OR 1/2" CDX	10 KING SHANKED NAILS	4 in. o.c. EDGE 8 in. o.c. FIELD
3			4 in. o.c. + GABLE END WALL OR GABLE TRUSS 4 in. o.c. EDGE 8 in. o.c. FIELD



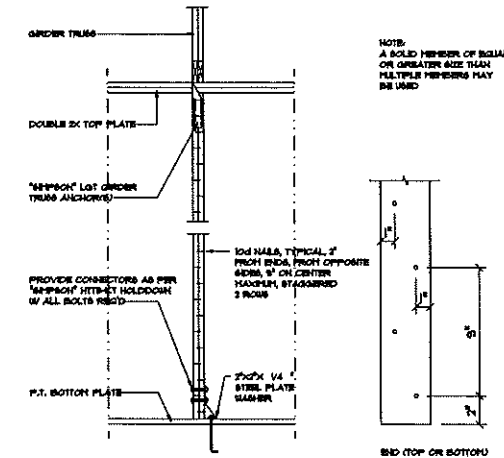
Roof Nail Pattern DET.
SCALE: NONE

B



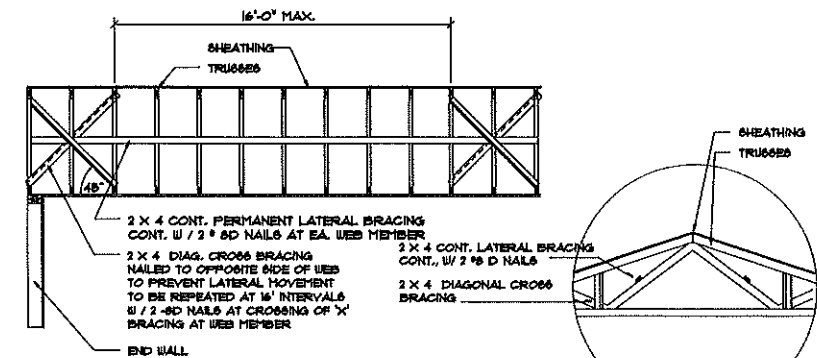
Wall Framing/Header DETAILS
SCALE: NONE

F



Girder Truss Column DET.
SCALE: 1/2" = 1'-0"

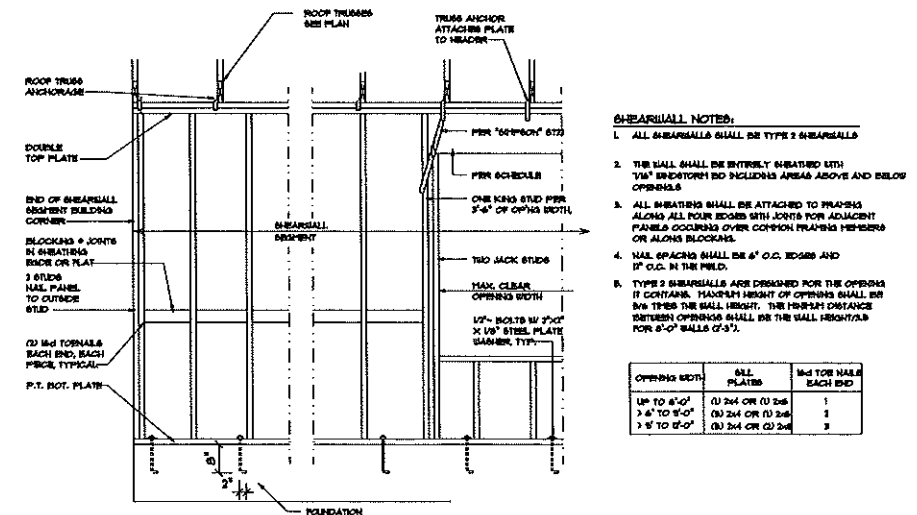
C



TYP. PERMANENT TRUSS BRACING DIA.
NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS
SCALE: AS NOTED

D



Shear Wall DETAILS
SCALE: NONE

E

REVISIONS	
Nov. 16th, 2022	

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GIESLER ARCHITECT
The Hill Country Rd.
Lake City, FL 32055

SHEET NUMBER
S.4
OF 4 SHEETS

AR0007005