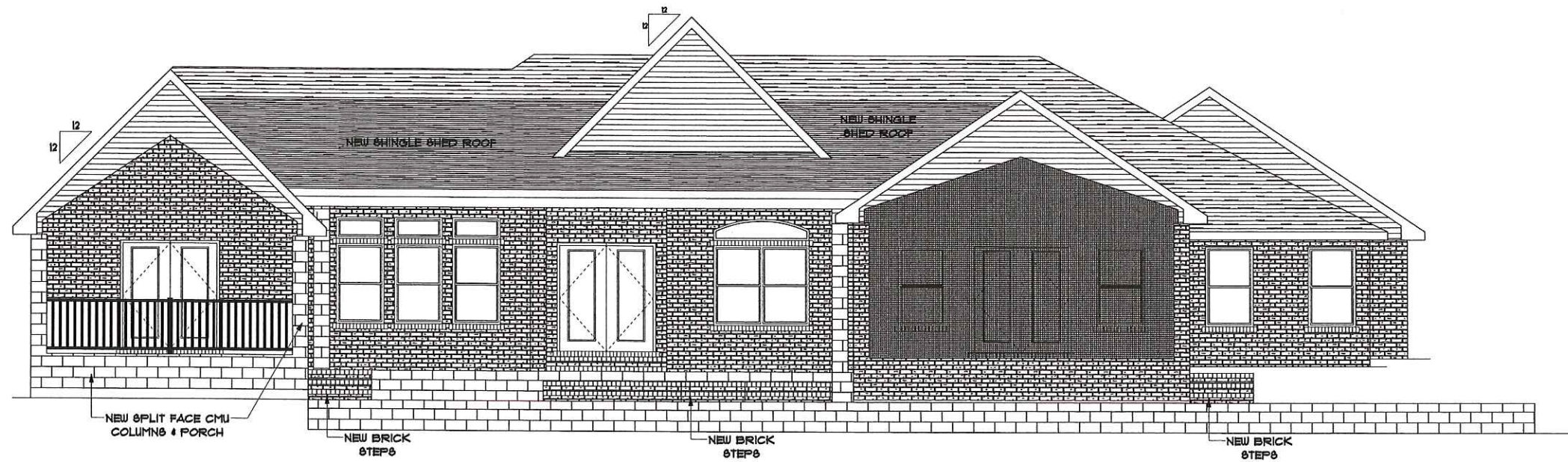
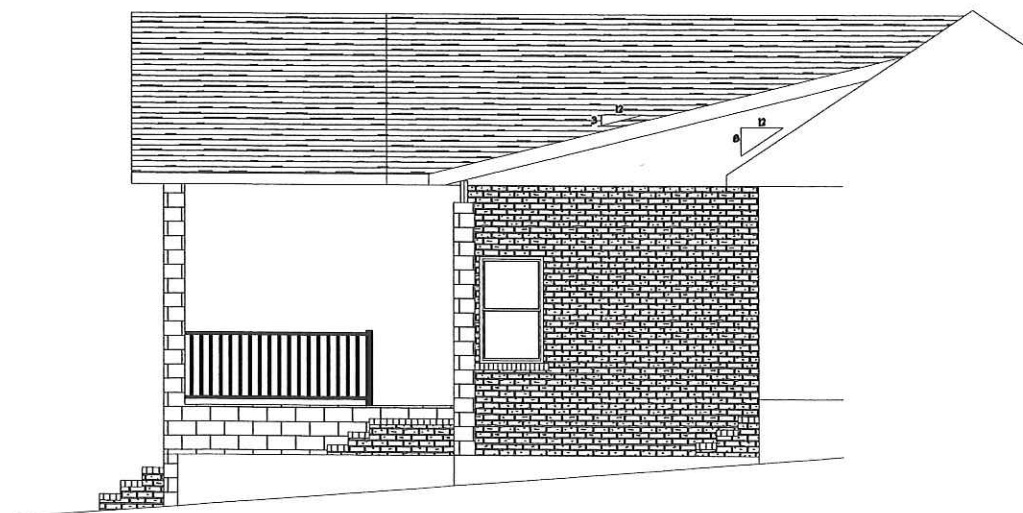




REAR ELEVATION
SCALE: 1/4" = 1'-0"



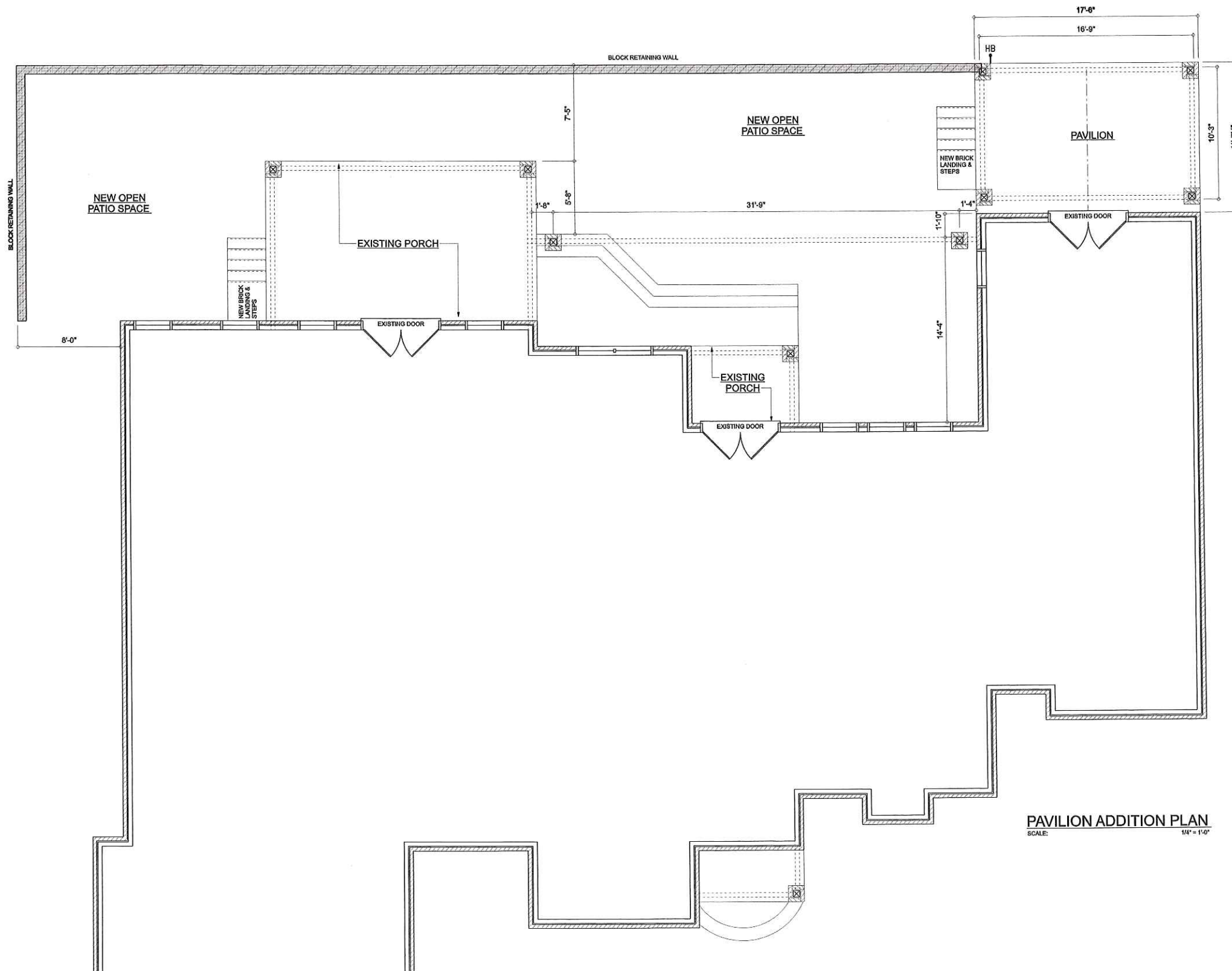
INSIDE ELEVATION
SCALE: 1/4" = 1'-0"

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

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA



SHEET NUMBER
A.1
OF 3 SHEETS



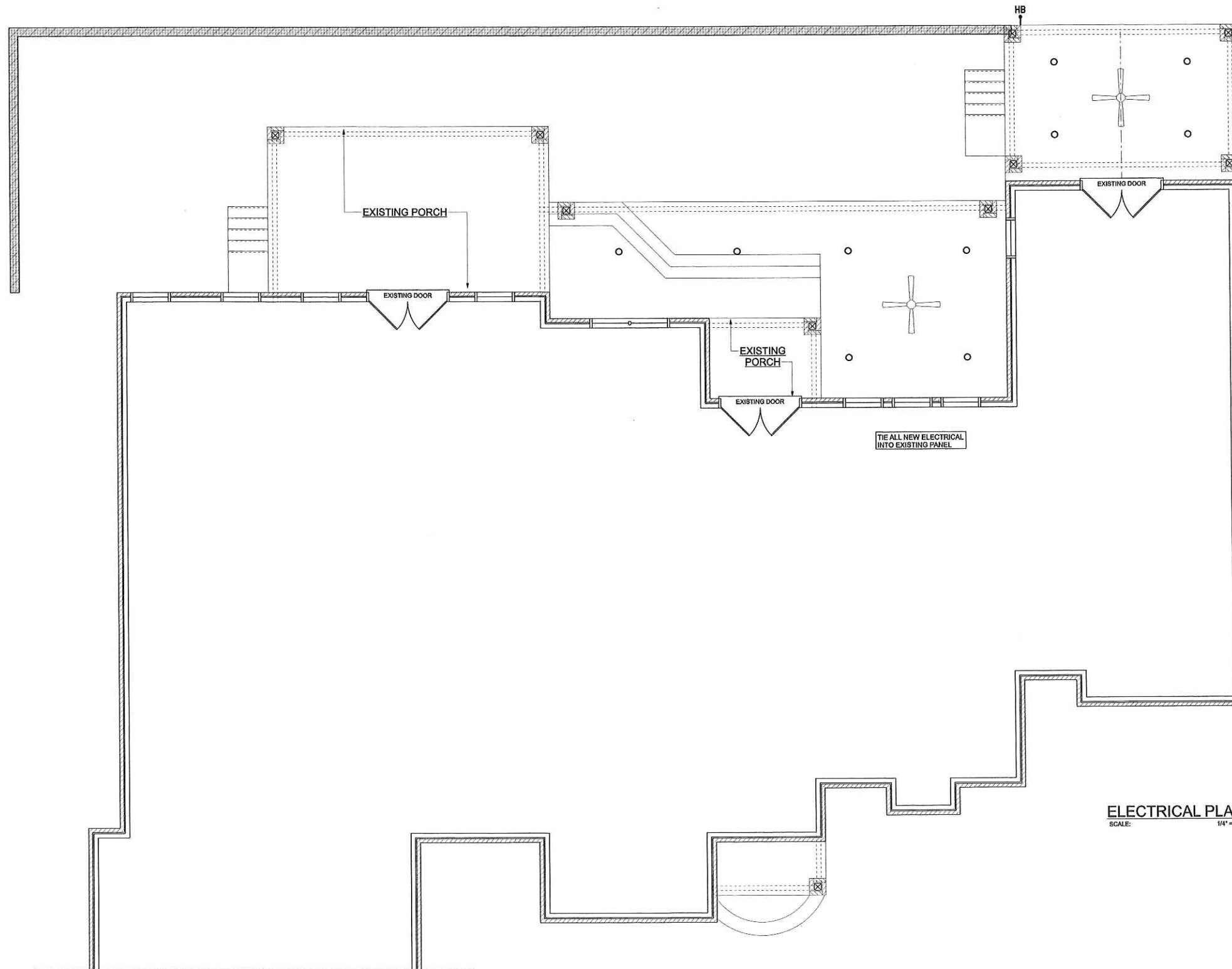
PAVILION ADDITION PLAN
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
JULY 7th, 2020	Proposal Drawings
Nov. 18th, 2020	Revisions

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

RIDGEPOINT DESIGN
560 SW ARLINGTON 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

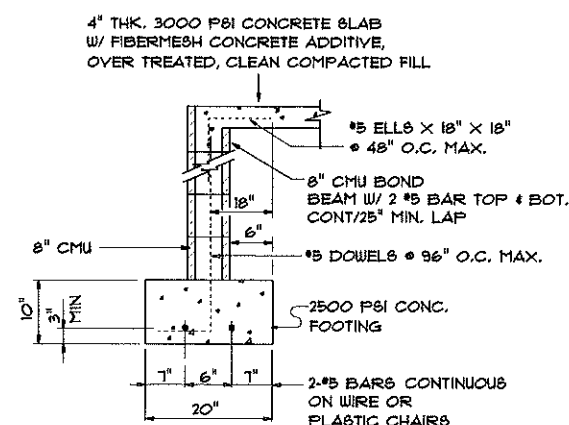
ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
 LAKE CITY, FLORIDA

RIDGEPOINT DESIGN
 566 SW ARLINGTON BLVD. STE. 101, LAKE CITY, FL 32225
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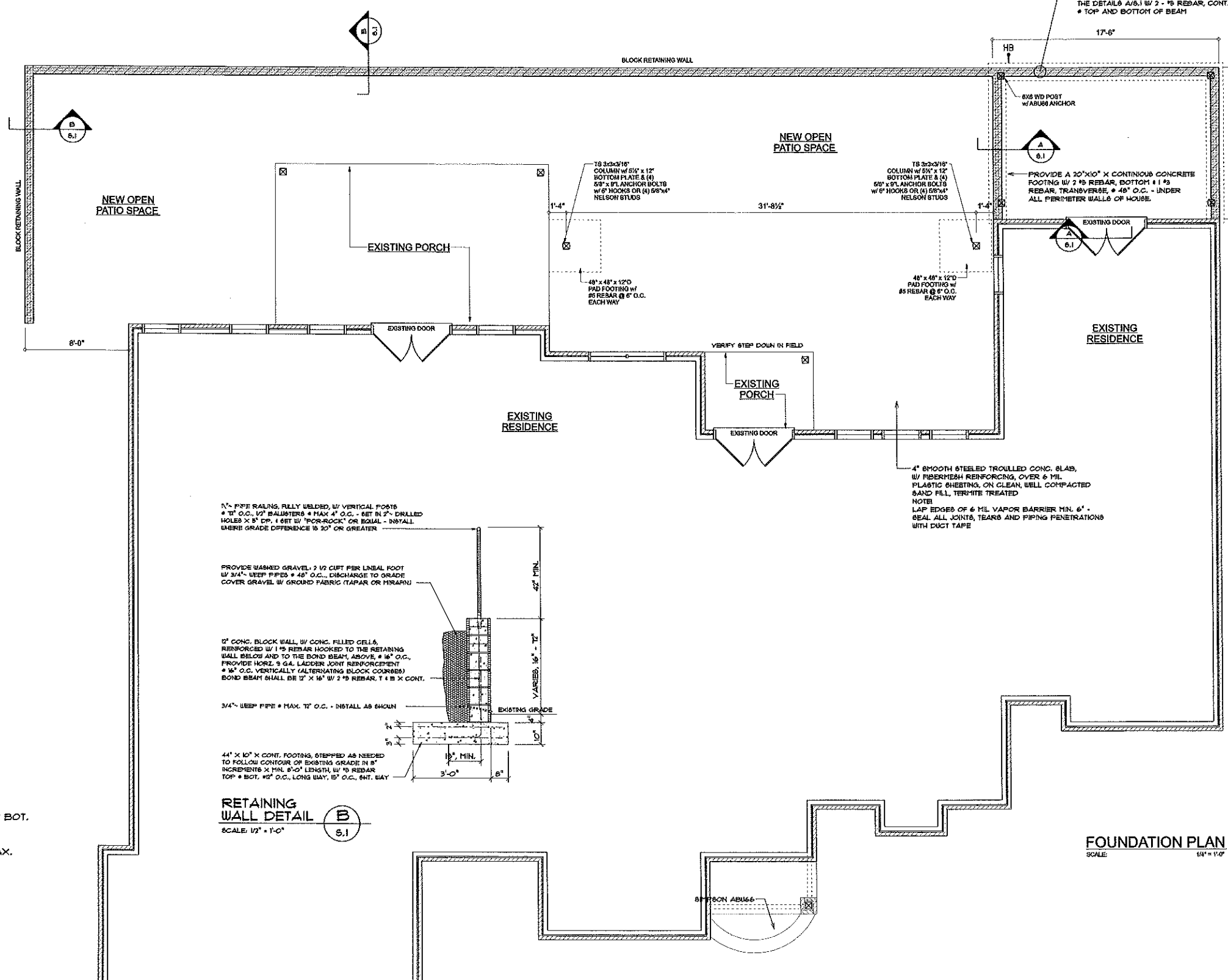
SHEET NUMBER
A.3
 OF 3 SHEETS

1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION FOR 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 A185 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX P.C. 3000 PSI FOR ALL FTG'S, 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 - F₂₈ = 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 1 OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

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



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



FOUNDATION PLAN

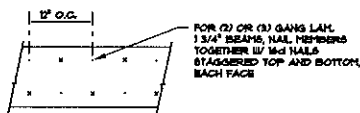
REVISIONS
Nov. 16th, 2020

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

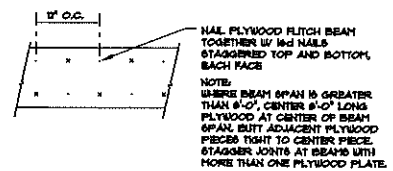
N
**NICHOLAS PAUL
GEISLER
ARCHITECT**

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

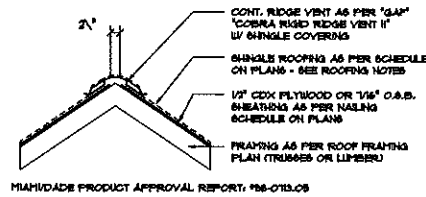
SCALE: NONE

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	0.018	26 (ZINC COATED 95%)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40

Roofing/Flashing DETS.

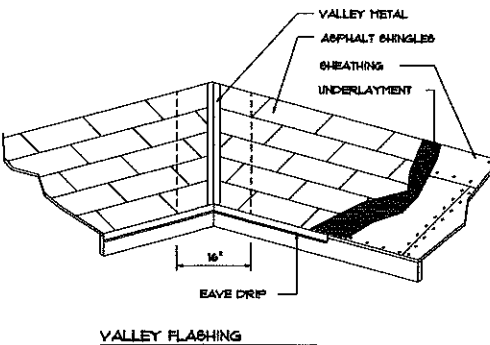
SCALE: NONE

AREA OF ATTIC	REQ'D L.P. OF VENT	NET FREE AREA OF INTAKE
1600 SF	30 LF	450 SQ.IN.
1800 SF	34 LF	480 SQ.IN.
2000 SF	38 LF	510 SQ.IN.
2200 SF	42 LF	540 SQ.IN.
2400 SF	46 LF	570 SQ.IN.
2600 SF	50 LF	600 SQ.IN.
2800 SF	54 LF	630 SQ.IN.
3000 SF	58 LF	660 SQ.IN.
3200 SF	62 LF	690 SQ.IN.
3400 SF	66 LF	720 SQ.IN.
3600 SF	70 LF	750 SQ.IN.

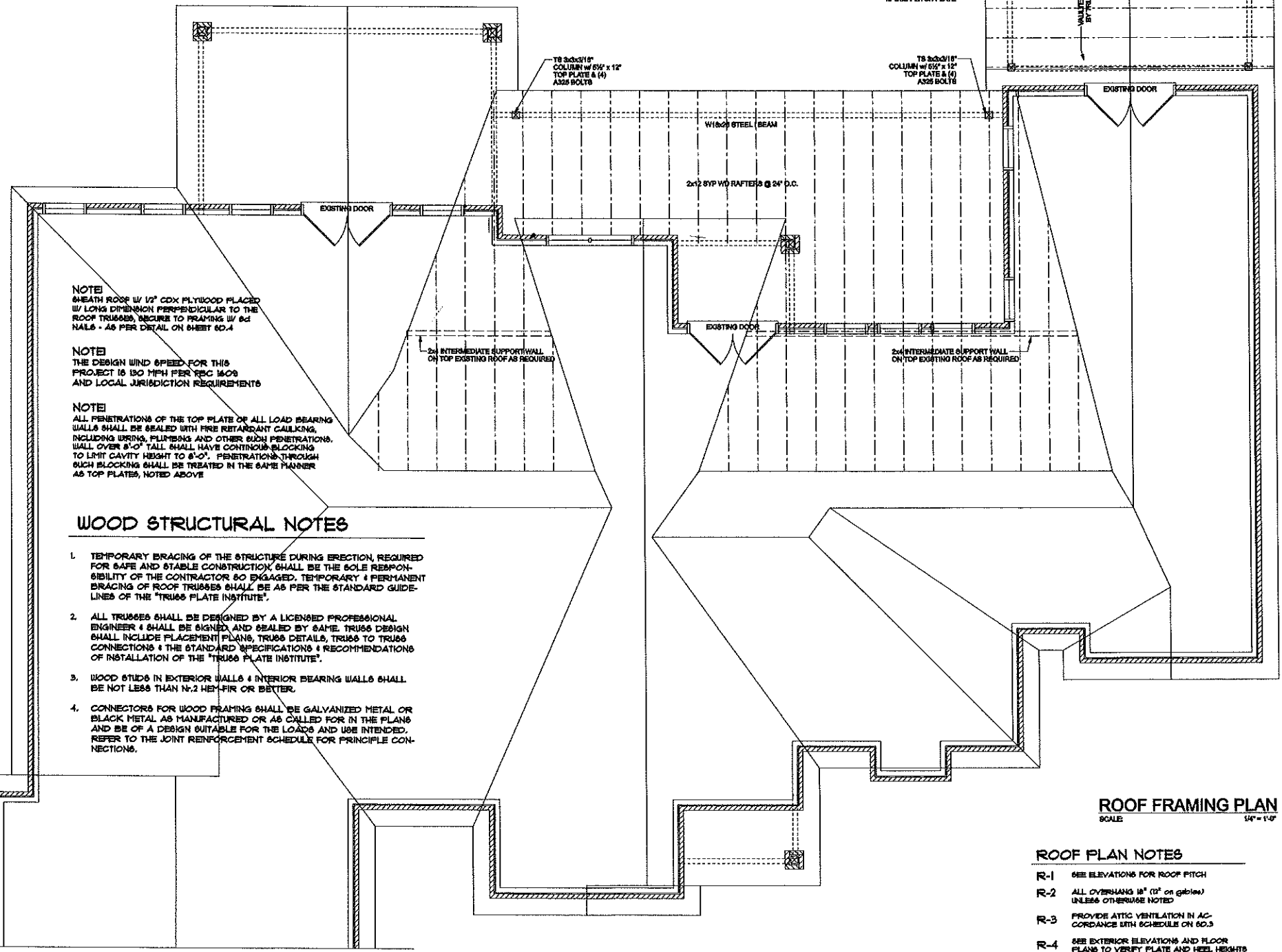


Ridge Vent DETAIL

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 "STRONG 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 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.



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
1756 NW Brown Rd.
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: Ed 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: Ed Common Nails @ 4" O.C. Edges & 8" O.C. Interior Diagonals: Double Top Plates (8"x12"x1/2") W/Ed Nails @ 12" O.C. Wall Studs: 2x6 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	Truss Anchors: Simpson H2.8a @ EA Truss End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing is Adequate - Ed @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - Mt Bolt 12"-16" from corner Corner Hold-Downs: (1) 1204 @ each corner Porch Column Base Connector: Simpson ASU66 @ each column Porch Column to Beam Connector: Simpson EFC66/FC66 @ each column
FOOTINGS AND FOUNDATIONS	Footings: 20"x10" X CONT., CONCRETE FOOTING W/ 2 #5 REBAR.

STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLIES 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.
- WIND LOAD CRITERIA: RISK CATEGORY: 1, EXPOSURE "B"
BASED ON ANNEXACE 1-D, 2020 FBC W024 WIND VELOCITY V_{WZ} @ 30 MPH
 V_{WZ} @ 101 MPH
- ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
- FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF
- 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 1403.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1403.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISES AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1403.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CRIBBONS FINISH LESS THAN 6" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1416.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1416.1.2
- 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 1416.1.3
- MINIPIST & ML VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1416.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1416.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1416.1.6
- 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 1416.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1416.1.7
- 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 1416.1.7
- 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, SHORING 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 H2.8a OR SUCC16-00 SCREWS	600°
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	175°
HEADER TO KING STUD(S):	SIMPSON ST22	150°
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO BILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PC66 or M0TA24	1100°
PORCH POST TO FND.:	SIMPSON ASU66	2200°
MISC. JOINTS	SIMPSON AS4	38°/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.

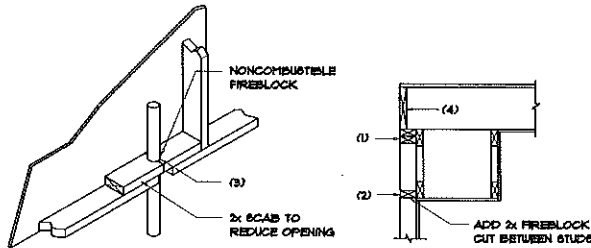
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SIMPSON" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #98-0816.15

NOTE:
"SIMPSON" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #97-0107.05, #98-1126.11, #99-0623.04
SBOCI 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	VW		VW	
		10 MPH	30 MPH	10 MPH	30 MPH
ROOF T TO 2T	1	10	12.0 / -19.8	14.9 / -25.1	11.8 / -21.6
	2	20	14.4 / -26.4	19.8 / -32.0	16.0 / -27.0
	3	30	18.0 / -36.0	26.4 / -42.3	21.6 / -36.0
	4	40	21.6 / -43.2	32.0 / -48.0	25.2 / -42.3
	5	50	25.2 / -50.4	38.4 / -54.0	28.8 / -48.0
	6	60	28.8 / -57.6	44.8 / -59.7	32.4 / -54.0
WALL	1	10	12.0 / -19.8	14.9 / -25.1	11.8 / -21.6
	2	20	14.4 / -26.4	19.8 / -32.0	16.0 / -27.0
	3	30	18.0 / -36.0	26.4 / -42.3	21.6 / -36.0
	4	40	21.6 / -43.2	32.0 / -48.0	25.2 / -42.3
	5	50	25.2 / -50.4	38.4 / -54.0	28.8 / -48.0
	6	60	28.8 / -57.6	44.8 / -59.7	32.4 / -54.0

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
Bldg Height	Exposure "B"	Exposure "C"	Exposure "D"
15	1.00	1.25	1.47
20	1.00	1.25	1.85
25	1.00	1.35	1.61
30	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 "FIREPANEL 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 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 110 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 107-88.

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 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE B01.3.5.2.
- FOR OPEN VALLEYS, VALLEY LINING OF TWO FLIES 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.
- FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE FLY 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 1970.

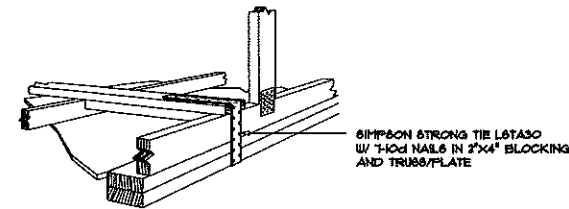
REVISIONS	
Nov. 16th, 2020	

ADDITIONS AND RENOVATIONS FOR:
SIMPSON'S RESIDENCE
LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER ARCHITECT
1715 NW Brown Rd.
Lake City, FL 32055

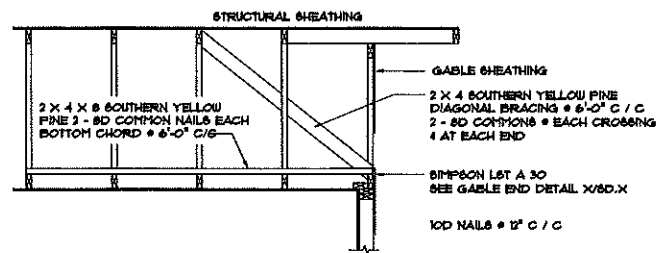
SHEET NUMBER
S.3
OF 4 SHEETS

AR0007005



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

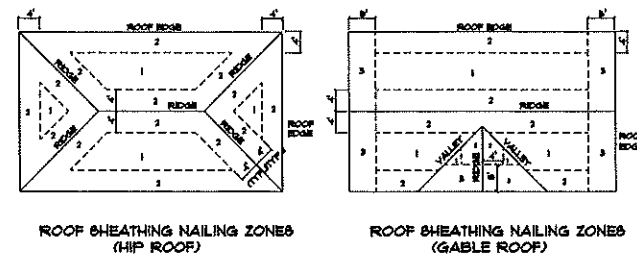
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**END WALL BRACING FOR
CEILING DIAPHRAGM**
NT8 (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

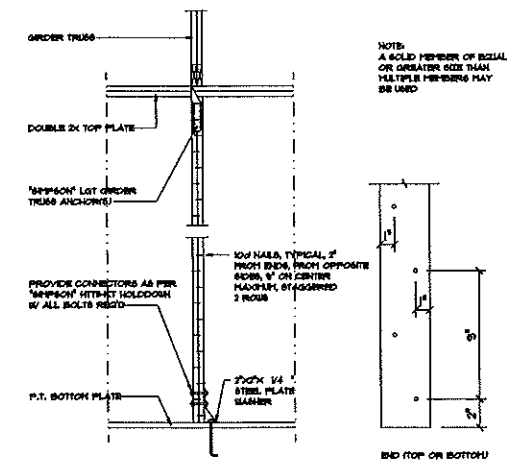
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ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 IN. O.C. EDGE 12 IN. O.C. FIELD
2	1/2" O.S.B. OR 30/32 COR.	10 RUNS SHANKED NAILS	6 IN. O.C. EDGE 12 IN. O.C. FIELD
3		4 IN. O.C. 4 GABLE END NAIL OR GABLE TRUSS	6 IN. O.C. EDGE 12 IN. O.C. FIELD



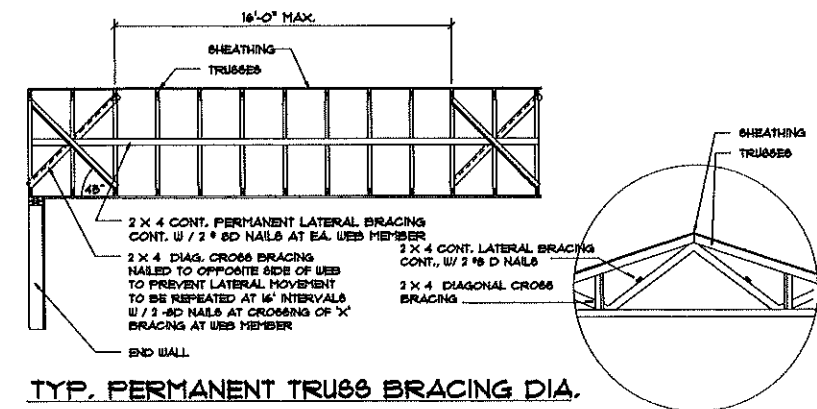
Roof Nail Pattern DET.
SCALE: NONE

B



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

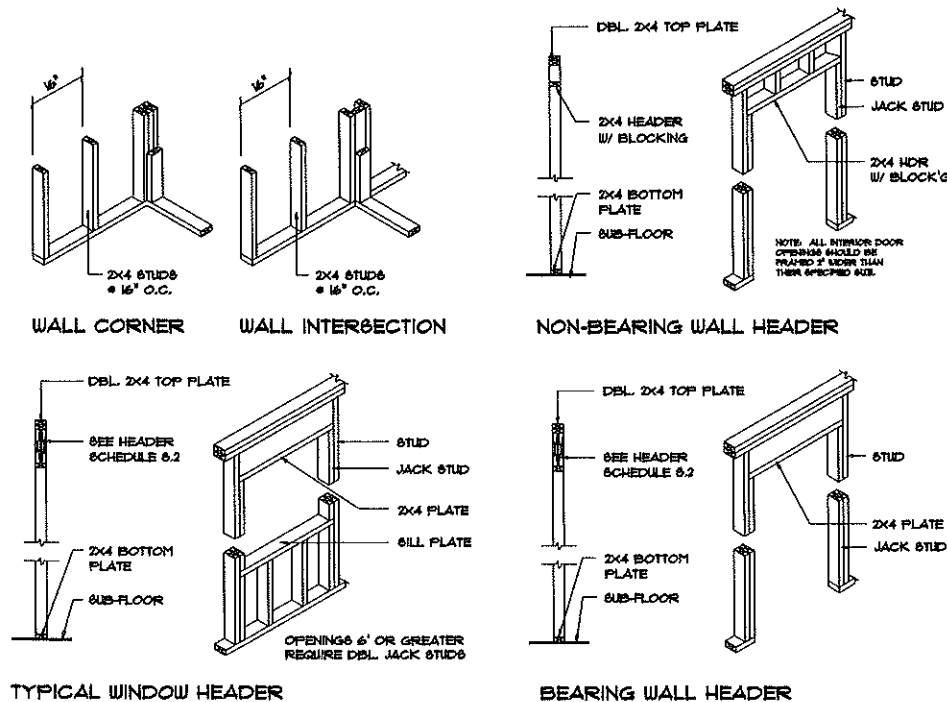
C



TYP. PERMANENT TRUSS BRACING DIA.
NT8
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

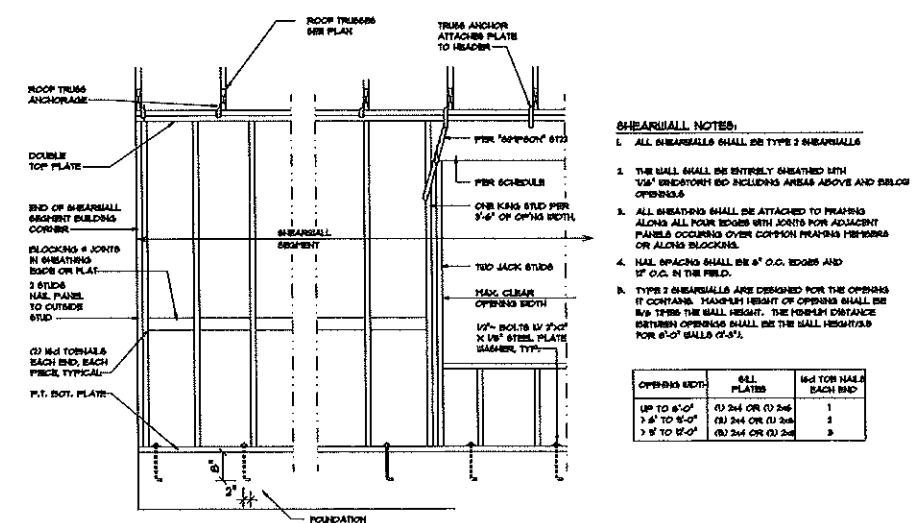
Truss Bracing DETAILS
SCALE: AS NOTED

D



Wall Framing/Header DETAILS
SCALE: NONE

F



Shear Wall DETAILS
SCALE: NONE

- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" O.S.B. END-TURNED ED INCLUDING AREAS ABOVE AND BELOW OPENINGS
 - ALL SHEATHING SHALL BE ATTACHED TO TRUSSING ALONG ALL FOUR EDGES WITH JOISTS FOR ADJACENT PANELS OCCURRING OVER CORNER PEAKING MEMBERS OR ALONG BLOCKING
 - NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD
 - TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IF CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 1/3 THE WALL HEIGHT. THE FORMER DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT FOR 8'-0" WALLS (7'-6").
- | OPENING SIZE | 2x4 PLATE | 1/2" TOP NAIL EACH END |
|-----------------|--------------------|------------------------|
| UP TO 4'-0" | (1) 2x4 OR (2) 2x4 | 1 |
| 4'-0" TO 8'-0" | (2) 2x4 OR (1) 2x4 | 2 |
| 8'-0" TO 12'-0" | (2) 2x4 OR (1) 2x4 | 3 |

E

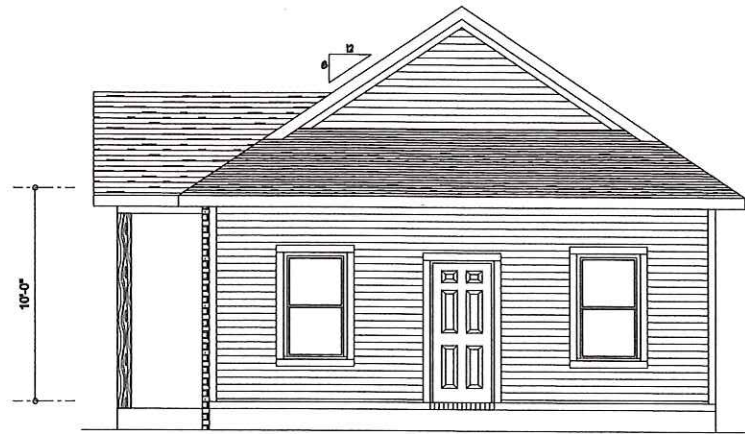
REVISIONS	
NOV. 16th, 2020	

ADDITIONS AND RENOVATIONS FOR
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32055

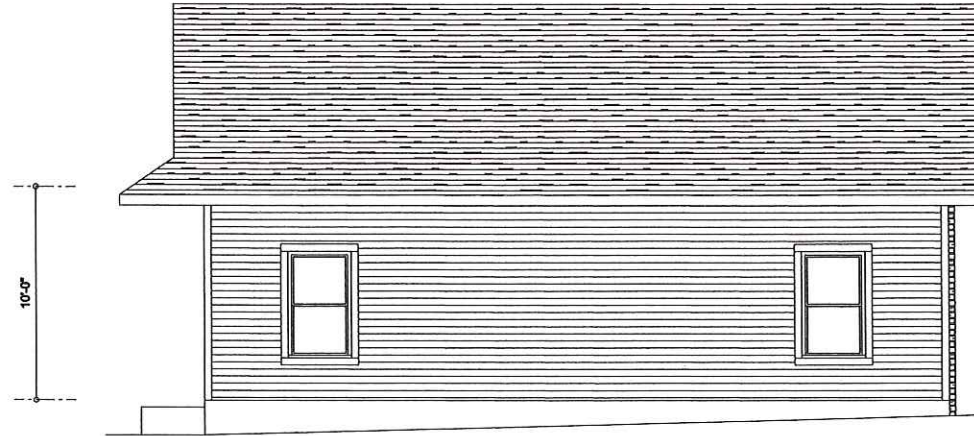
NICHOLAS PAUL GEISLER ARCHITECT
1111 N. 1st Street, Suite 100
Lake City, FL 32055

SHEET NUMBER
S.4
OF 4 SHEETS

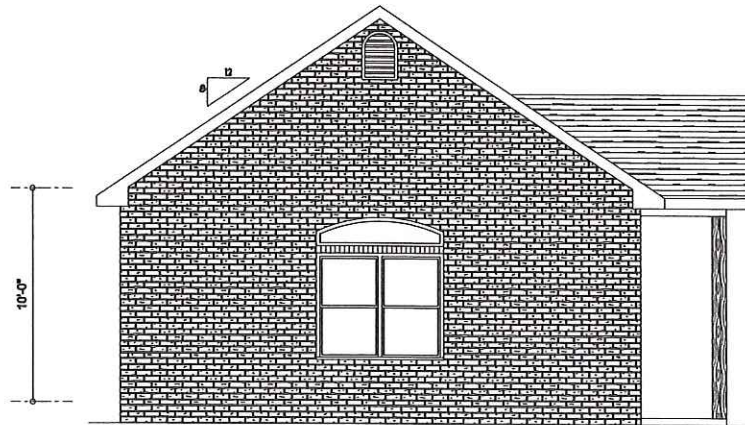
AR0007005



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



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



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



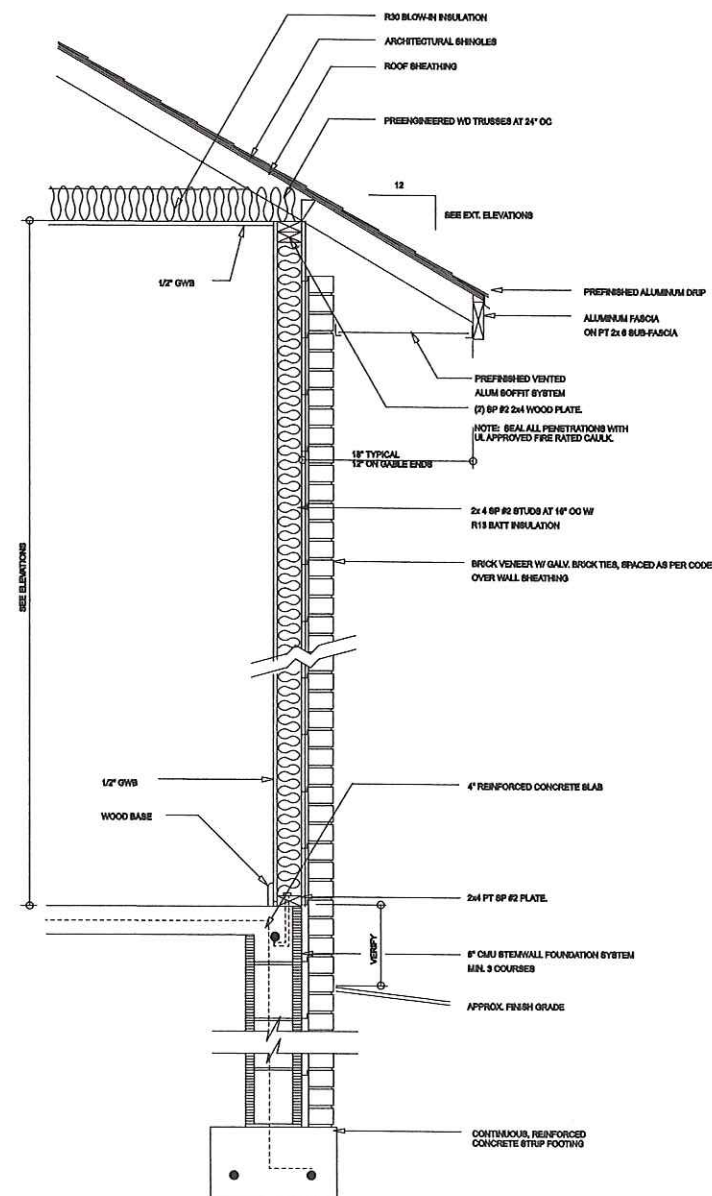
CARPORT EAST VIEW
SCALE: 1/4" = 1'-0"

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

ADDITIONS & RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA

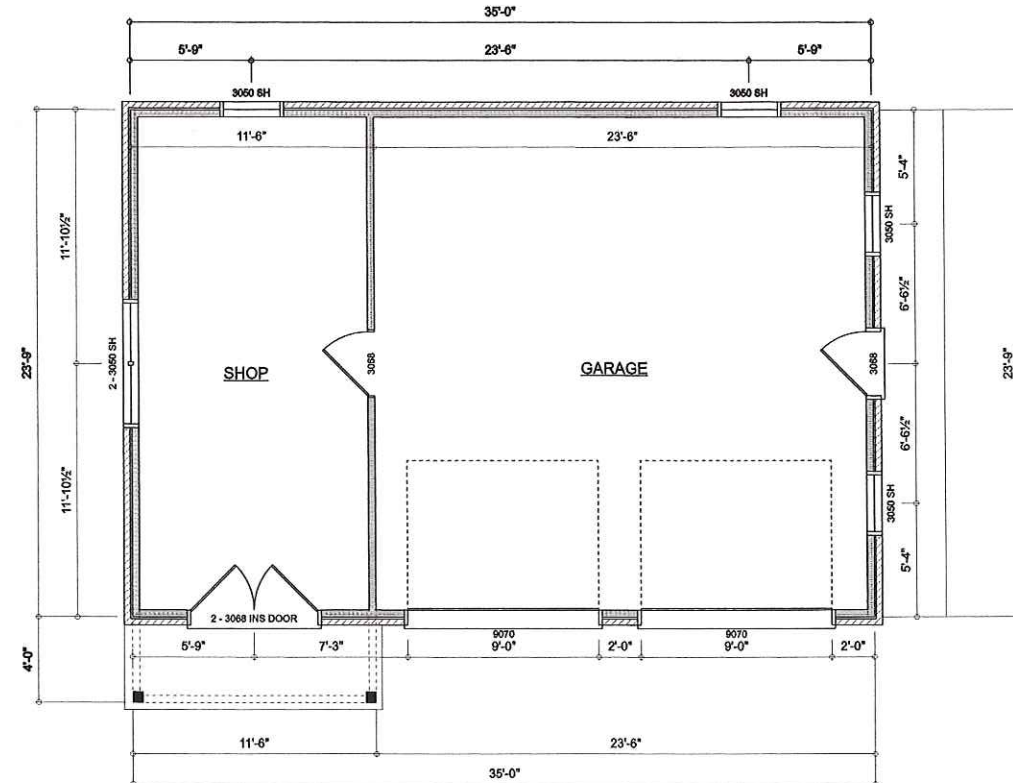
**RIDGEPOINT
DESIGN**
560 SW ARLINGTON BLVD., STE 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
OF 3 SHEETS

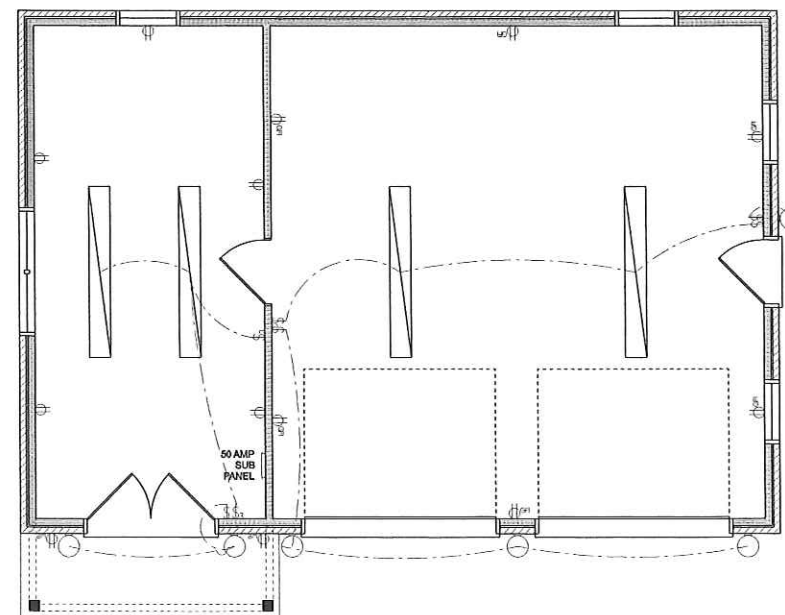


TYPICAL WALL SECTION
SCALE: NOT TO SCALE

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
566 SW ARLINGTON BLVD. STE 101, LAKE CITY, FL 33025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

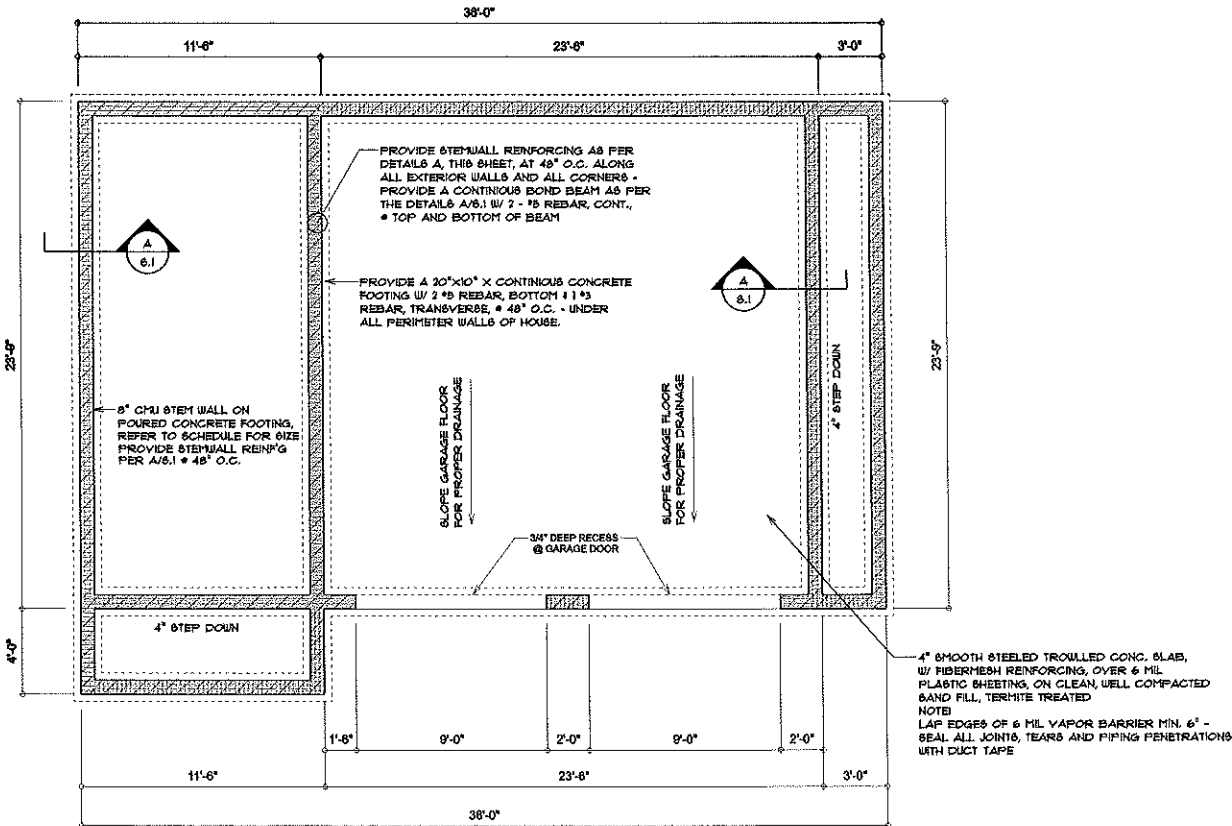
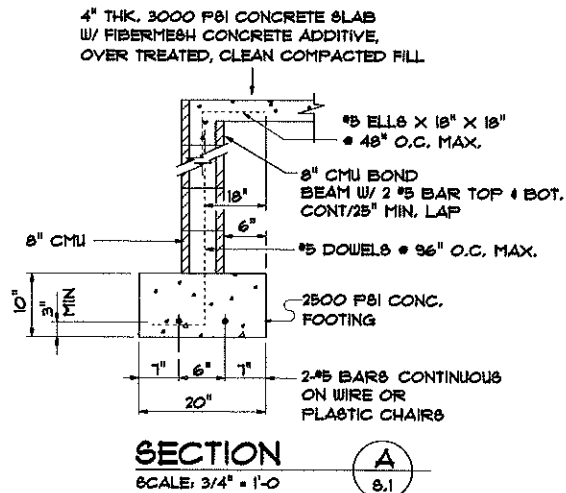
SHEET NUMBER
A.4
OF 3 SHEETS

CONCRETE / MASONRY /
METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- 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.
- 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 A188 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX P_o = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P_o = 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_o = 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 1605 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.

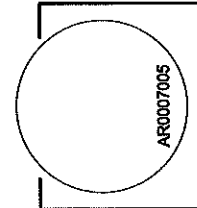


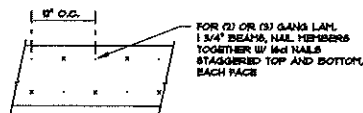
REVISIONS
Nov. 16th, 2022

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

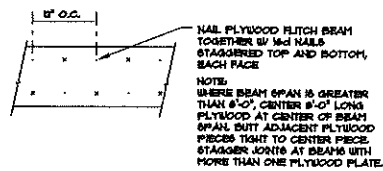
NG
NICHOLAS
PAUL
GEISLER
ARCHITECT
P.L.L.C.
1705 N. MIAMI BLVD.
LAKE CITY, FL 32055

SHEET NUMBER
S.1
OF 4 SHEETS





MULTIPLE GANG LAM. DETAIL
NOT TO SCALE



PLYWOOD FLITCH BEAM DETAIL
NOT TO SCALE

B/U Beam DETAILS

SCALE: NONE

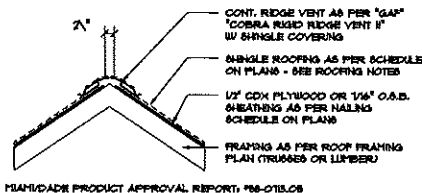
ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.019	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

A

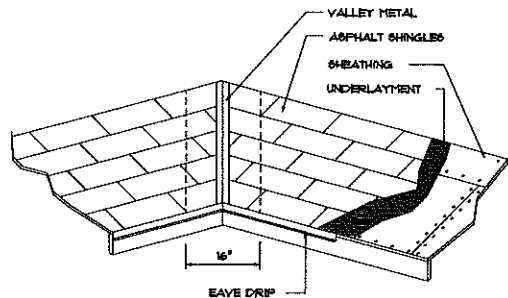
AREA OF ATTIC	REQ'D L.V. OF VENT	NET FREE AREA OF INTAKE
1000 SF	30 LF	450 SQ.IN.
1500 SF	45 LF	675 SQ.IN.
2000 SF	60 LF	900 SQ.IN.
2500 SF	75 LF	1125 SQ.IN.
3000 SF	90 LF	1350 SQ.IN.
3500 SF	105 LF	1575 SQ.IN.
4000 SF	120 LF	1800 SQ.IN.
4500 SF	135 LF	2025 SQ.IN.
5000 SF	150 LF	2250 SQ.IN.



Ridge Vent DETAIL

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

B



VALLEY FLASHING

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 UPLIFT REQUIREMENTS OF TRUSSES OR GABLES. THE CONTRACTOR SHALL MAKE AVAILABLE A COPY 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 1609 AND LOCAL JURISDICTION REQUIREMENTS

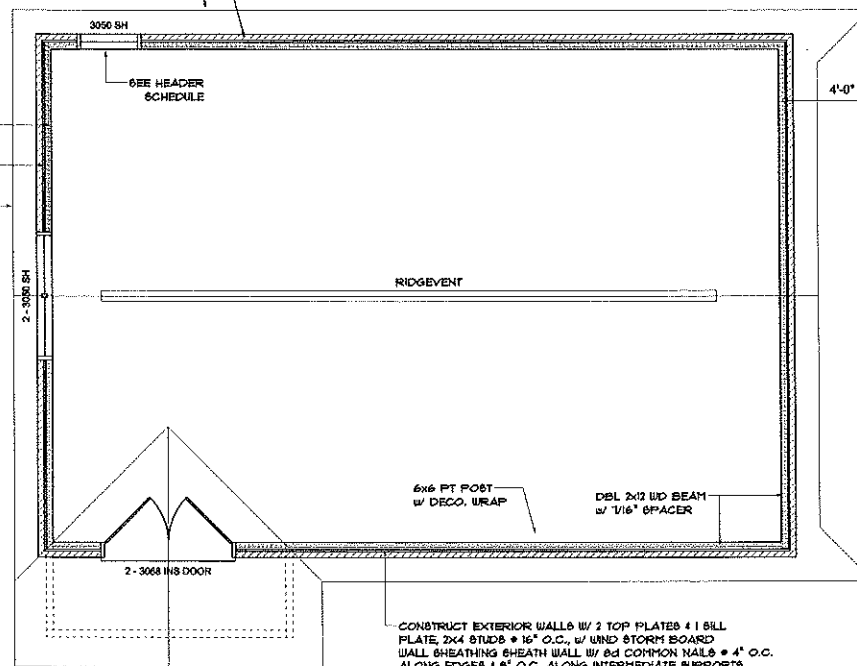
NOTE:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING AND OTHER SUCH PENETRATIONS. WALL OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED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

ANCHOR ALL TRUSSES WITH "BIMPFON"
H2.5d STRAPS & 6 - 10" NAILS
2X6 SUB-FASCIA, TYPICAL & ALL
TRUSS EAVES & GABLE ENDS

FASTEN TOP PLATE WITH 16d NAILS AT
12" O.C., TYPICAL T.O.
ANCHOR ALL TRUSSES WITH "BIMPFON"
H2.5d STRAPS & 6 - 10" NAILS
2X6 SUB-FASCIA, TYPICAL & ALL
TRUSS EAVES & GABLE ENDS



ROOF FRAMING PLAN

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

CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES & 1 BILL
PLATE, 2X4 STUDS @ 16" O.C., W/ UNID STORY BOARD
WALL SHEATHING SHEATH WALL W/ 8d COMMON NAILS @ 4" O.C.
ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS

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 6D.3
- SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HILL HEIGHTS
- 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
1100 N. 1st Street, Suite 100
Lake City, FL 32055

SHEET NUMBER
S.2
OF 4 SHEETS

AR0007005

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/Steel 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 (8.T.P.) w/ 8d Nails @ 12" O.C.
Wall Studs:	2x6 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2B4 @ Ea. Truss End (Typ. U.O.I.U.)
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 ABUS6 @ each column
Porch Column to Beam Connection:	Simpson EFC66/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 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 AVG. 2020 FBC 1608-A WIND VELOCITY: V_{ULT} = 130 MPH
 V_{50} = 101 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 NET 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 REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTOUS FINISH LESS THAN 6" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 103.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 104.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 104.1.2
- 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 104.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 104.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 104.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 104.1.6
- 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 104.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 104.1.7
- 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 104.1.7
- 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, SNORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.13
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 10'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.14

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2B4 OR SUDC15600 SCREWS	600°
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	138°
HEADER TO KING STUD(S):	SIMPSON ST2	191°
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO BELL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PC66 or MBTA24	1100°
PORCH POST TO FND.:	SIMPSON ABUS6	2200°
MISC. JOINTS	SIMPSON A34	318/240°

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.

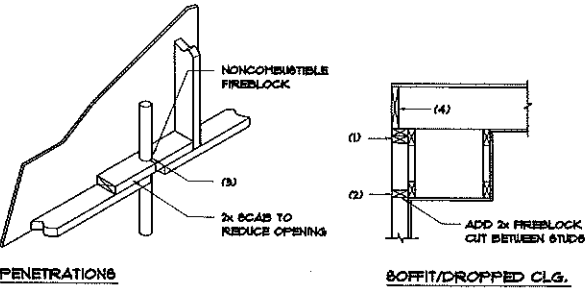
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SEMCO" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #23-0818.15

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #21-010.05, #26-1126.11, #23-0623.04
SECCI NER-443, NER-393

		BUILDING COMPONENTS & CLADDING LOADS			
		MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"			
		ROOF ANGLE T° TO ZT°			
WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED
	10 MPH	10 MPH	10 MPH	10 MPH	10 MPH
	10 MPH	10 MPH	10 MPH	10 MPH	10 MPH
10°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
20°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
30°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
40°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
50°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
60°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
70°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30
80°	10	10	10	10	10
	20	20	20	20	20
	30	30	30	30	30

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE 'B'	EXPOSURE 'C'	EXPOSURE 'D'
10	1.00	1.21	1.41
20	1.00	1.28	1.56
30	1.00	1.35	1.61
40	1.00	1.40	1.66



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 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 1870.

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 5/4" 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 3161 OR MDC PA 101-98.

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:

- 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 B01.3.0.2.
- 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 1870.

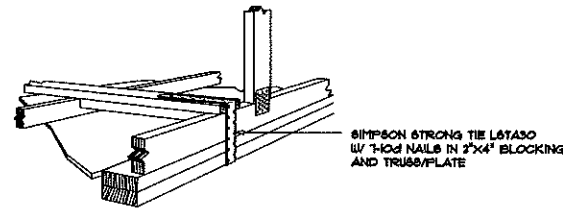
REVISIONS
Nov. 16th, 2022

ADDITIONS AND RENOVATIONS FOR:
SIMMONS RESIDENCE
LAKE CITY, FLORIDA 32065

NICHOLAS PAUL GIESLER ARCHITECT
1111 N. 1st Street, Suite 204
Lake City, FL 32065
(407) 321-1111

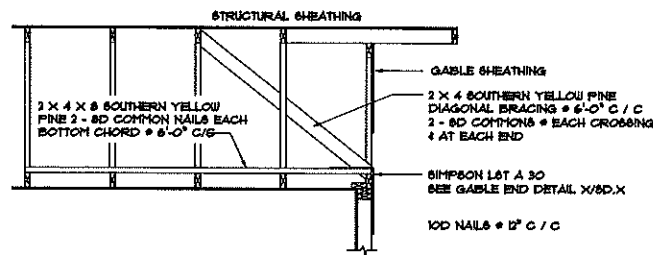
SHEET NUMBER
S.3
OF 4 SHEETS

AP0007005



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

A.1

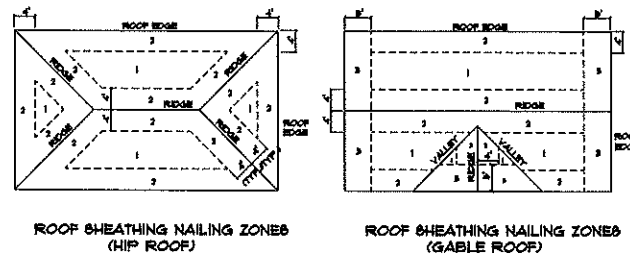


**END WALL BRACING FOR
CEILING DIAPHRAGM**

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

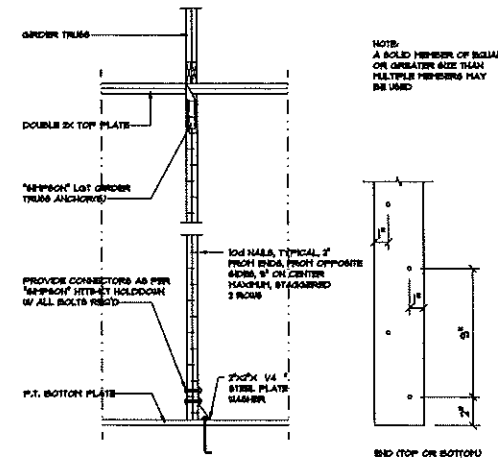
A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" O.S.B. OR 2x4 CON.	10 KING SHANKED NAILS	4" o.c. EDGE 12" o.c. FIELD
2			4" o.c. EDGE 6" o.c. FIELD
3			4" o.c. o.c. + GABLE ENDGALL OR GABLE TRUSS 4" o.c. EDGE 6" o.c. FIELD



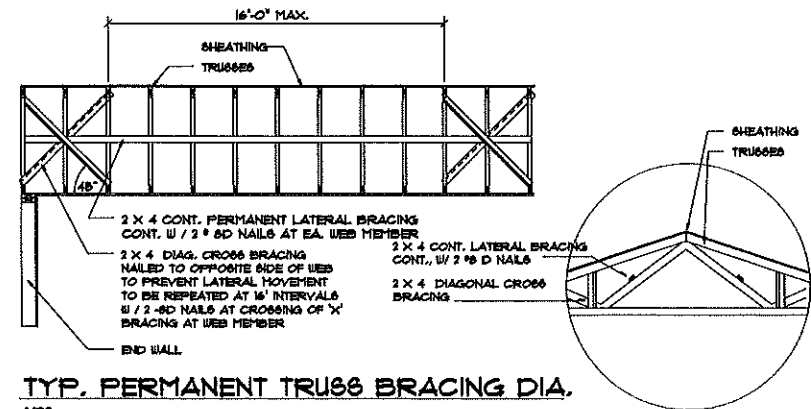
Roof Nail Pattern DET.
SCALE: NONE

B



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

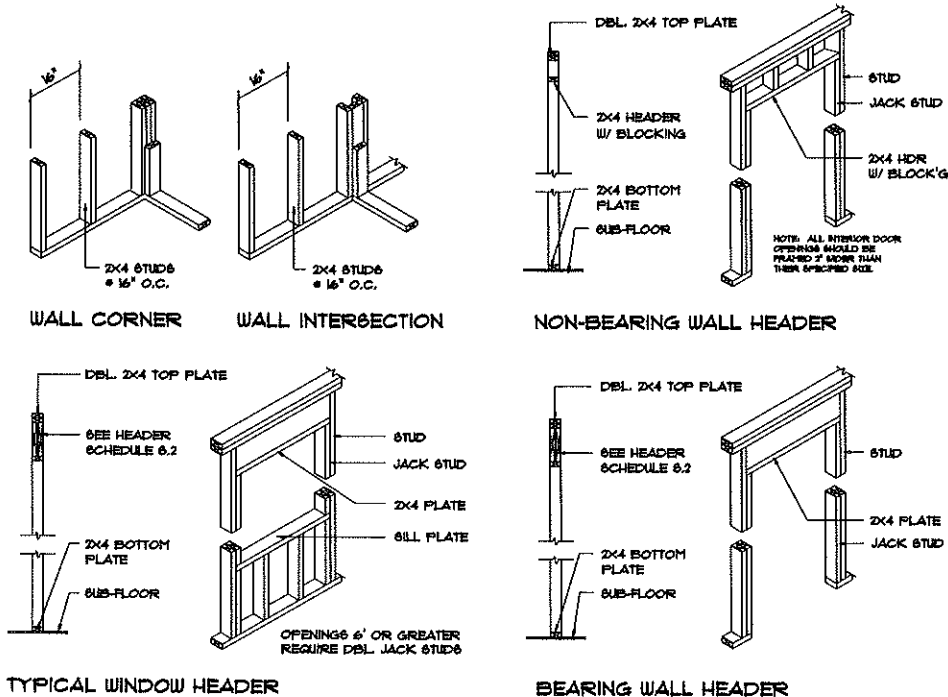
C



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

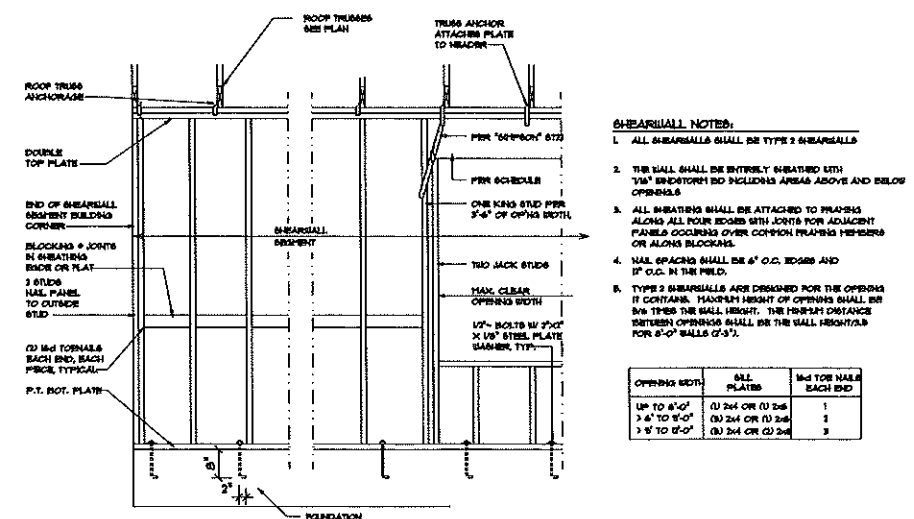
Truss Bracing DETAILS
SCALE: AS NOTED

D



Wall Framing/Header DETAILS
SCALE: NONE

F



Shear Wall DETAILS
SCALE: NONE

E

REVISIONS	
Nov. 16th, 2022	

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

NICHOLAS PAUL GEISLER ARCHITECT
1111 N. Brown Rd.
Lake City, FL 32055

SHEET NUMBER
S.4
OF 4 SHEETS

AR0007005