



REVISIONS SCHEDULE			
PROPOSAL	June 6th, 2024		
PERMIT SET	Oct. 15th, 2024		

CUSTOM HOME FOR
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

RIDGEPOINT DESIGN
2000 W. UNIVERSITY BLVD., SUITE 100, LAKE CITY, FL 33505
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.1
OF 8 SHEETS

53761



A R E A S U M M A R Y			
LIVING	1,000	S.F.	
PORCH	216	S.F.	
TOTAL AREA	1,216	S.F.	

REVISIONS SCHEDULE	
PROPOSAL	June 6th, 2024
PERMIT SET	Oct. 15th, 2024

CUSTOM HOME FOR:
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

**RIDGEPOINT
DESIGN**
366 SW ARLINGTON BLVD. STE. 101, LAKE CITY, FL 32225
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
OF 8 SHEETS

ELECTRICAL LEGEND			
CEILING FAN		CARBON DETECTOR	
CAN LIGHT 6inch		CAT6 OUTLET	
CHANDELIER		EXHAUST FAN	
LED CEILING LIGHT 1x4		OUTLET	
PENDANT LIGHT		OUTLET 220v	
EXTERIOR SCONCE		OUTLET GFI	
MOTION SECURITY LIGHT		OUTLET WP	
AC DISCONNECT		SMOKE DETECTOR	
CABLE TV OUTLET		SWITCH	
		SWITCH 3 WAY	
		VANITY BAR LIGHT - SMALL	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NATE ELECTRICAL CODE.

USE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.

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

ALL SMOKE DETECTORS SHALL BE 120V AC BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER, INSTALL IN THE CENTER OF THE ROOM.

ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN, REVISIONS, AND/OR ELEC. SCHEDULE IF ALL DATA IDENTIFIED BY CAT IN DESCRIPTION & ERROR, SERVICE INT. & ALL UNDERGROUND LINES.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE WITH APPLICABLE EDITIONS OF THE LATEST EDITION.

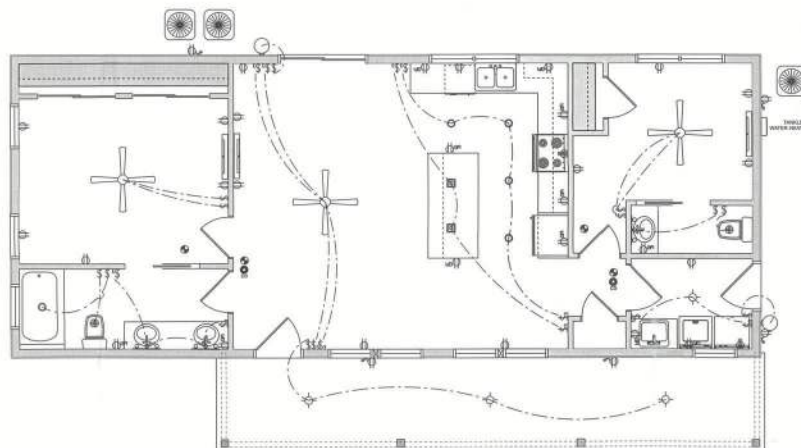
LOCATIONS/ROUTING / DEPTH, RISE OR DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT TYPE & RATING (LOADS).

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWING TO OWNER & 1 COPY TO THE PERMITTING AUTHORITY.

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 GROUND-FAULT INTERRUPTER TYPE (GFI).



ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

REVISIONS SCHEDULE	
PROPOSAL	June 08th, 2024
PERMIT SET	Oct. 15th, 2024

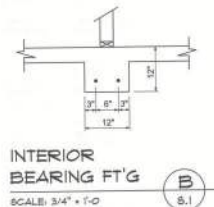
CUSTOM HOME FOR:
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

RIDGEPOINT DESIGN
346 SW ARLINGTON BLVD, STE. 201, LAKE CITY, FL 32835
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
OF 6 SHEETS

- DESIGN SOIL BEARING CAPACITY: 2000 PSF PER LIN.
- EXPANSIVE SOILS: WHEN 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 SUFFICIENCY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- GLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD, SHALL BE PLACED IN 6" LIFTS, BOTH SUB-BASE AND FILL COMPACTED SHALL BE NOT LESS THAN 95% AS MEASURED BY A HUMPHRED PROCTOR AT THE RATE OF ONE TEST FOR EACH 500 SQ. YD. OF BUILDING PAVED AREA OR FRACTION THEREOF, FOR EACH 6" LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED URE HESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A615 - 70, YIELD STRENGTH = 3500 PSI.
- CONCRETE SHALL BE STANDARD HX 4000 PSI FOR ALL FGS. FINISHING AND REPAIRS SHALL BE TO STANDARD RUFF PER FGS. 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MOING, 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 RUSTED SURFACE FINISH - F IN 100 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A58 STANDARDS FOR STRENGTH. STEEL SHALL BE ASTM A307 / GRADE I OR A305, AS PER PLAIN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL CONNECTIONS.

NOTE:
THE PROJECT IS DESIGNED IN ACCORDANCE WITH ASCE 24



50'-0"

20'-0"

14'-0"

2'-0"

3'-6"

3'-6"

4'-0"

6'-0"

4" SMOOTH STERILED TROULLED CONC. SLAB,
w/ FIBERMESH REINFORCING, OVER 6" HL
PLASTIC SHEETING ON CLEAN WELL COMPACTED
SAND FILL. TENHITE TREATED
NOTE
LAP EDGES OF 6" HL VAPOR BARRIER MIN. 6" -
SEAL ALL JOINTS, TEARS AND PIPING PENETRATIONS
WITH DUCT TAPE

2'-6"

5'-0"

12'-6"

10'-0"

6'-0"

5'-6"

7'-2"

3'-10"

8'-10"

2'-0"

2'-6"

1'-10"

4" STEP DOWN

ARJUN POST
BASE AT POST
TO FLOOR

20'-0"

6'-0"

12'-0"

12'-0"

12'-0"

36'-0"

50'-0"

50'-0"

20'-0"

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

REVISIONS
Oct. 15th, 2024

CUSTOM HOME FOR:
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

N
NICHOLAS
PAUL
GEISLER
ARCHITECT

SHEET NUMBER
S.1
OF 4 SHEETS

well

STANDARD HEADER SCHEDULE

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

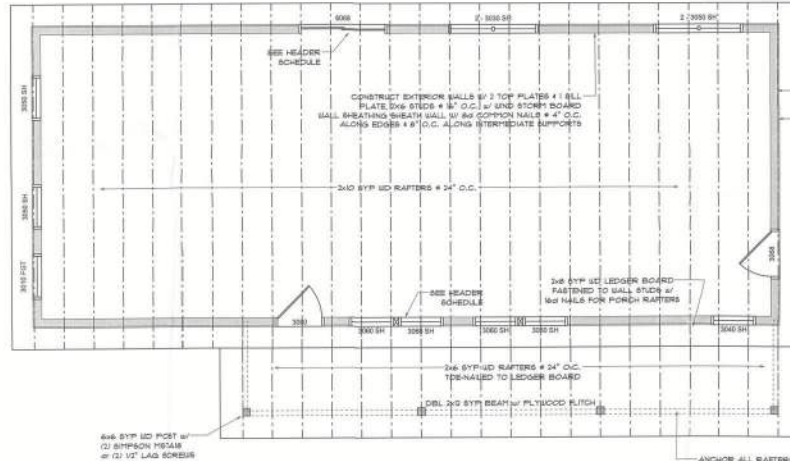
DOUBLE 2x6 S&S SOUTHERN PINE WITH 1/2" O.S.B. SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.135" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON METAB TOP AND 1 - SIMPSON MPMB BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING

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

DOUBLE 2x6 S&S SOUTHERN PINE WITH 1/2" O.S.B. SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.135" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON METAB TOP AND 1 - SIMPSON MPMB BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

9'-0" UP TO 16'-0" OPENINGS

DOUBLE 2x6 S&S SOUTHERN PINE WITH 1/2" O.S.B. SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.135" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON METAB TOP AND 3 - SIMPSON MPMB BOTTOM EACH SIDE OF OPENING WITH 3 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

ROOF PLAN NOTES

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

NOTE:
ANCHOR GIRDER TRUSSES TO HEADER WITH 2 "SIMPSON" LOTS 3 OR 4). ANCHOR/HEADER TO KIDS STUDS W/ 3 "SIMPSON" STS EA. END - TYP. T.O.

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 900S AND LOCAL JURISDICTION REQUIREMENTS.

NOTE:

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING URETH, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 6'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LEFT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE.

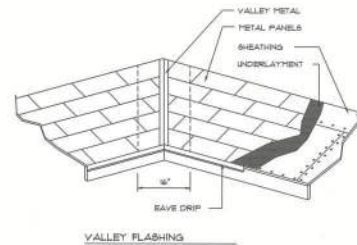
GENERAL TRUSS NOTES

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ROOFING PRODUCTS ASSOCIATION. MANUAL FOR TRUSS RATED LUMBER AND ITS CONNECTIONS. LATEST EDITION. (IF THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING AND HANDLING OF TRUSSES, TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTIONS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS THAT BE REQUIRED DEPENDING ON THE ENGINEER'S GRAVITY AND WIND SPLIT REQUIREMENTS OF TRUSSES ON 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 THE STRUCTURE.

ROOFING METALS FOR FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (lb/100')
COPPER			16
ALUMINUM	0.054		
STAINLESS STEEL		3B	
GALVANIZED STEEL	0.075	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE



WOOD STRUCTURAL NOTES

1. 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".
2. 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".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-3 HEM-FIR OR BETTER.
4. 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.

AREA OF ATTIC	NET SQ. FT. OF VENT	NET FREE AREA OF INTAKE
1600 SF	32 SF	400 SQ. IN.
1800 SF	36 SF	450 SQ. IN.
2000 SF	40 SF	500 SQ. IN.
2200 SF	44 SF	550 SQ. IN.
2400 SF	48 SF	600 SQ. IN.
2600 SF	52 SF	650 SQ. IN.
2800 SF	56 SF	700 SQ. IN.
3000 SF	60 SF	750 SQ. IN.

Ridge Vent DETAIL

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

REVISIONS
Oct. 19th, 2024

CUSTOM HOME FOR:
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GUNTER ARCHITECTS
1000 N. 1st St., Suite 100
Tallahassee, FL 32309

SHEET NUMBER

S.2
OF 4 SHEETS

APR0007005

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof: Hip Construction, Wood Trusses # 24" O.C.	
Walls: 2x6 Studs # 16" O.C.	
Floor: 4" Yls. Concrete Slab w/ Fiberglass Concrete Additive	
Foundation: Continuous Footing/Slab Wall	
ROOF DECKING	
Material: 1/2" CDX Plywood or 1/4" OSB	
Shank Size: 48" x 48" Spacing Perpendicular to Roof Framing	
Fasteners: 8d Ring Shank, per schedule on sheet 5.4	
SHEARWALLS	
Material: 1/4" OSB, UNDISTURBED BOARD	
Shank Size: 48" x 48" Spacing Placed Vertical	
Fasteners: 8d Common Nails # 4" O.C. Edges # 8" O.C. Interior	
Diaphragm: Double Top Flange (S.T.P.) Untreated Nails # 12" O.C.	
Wall Studs: 2x6 Studs # 16" O.C.	
HURRICANE UPLIFT CONNECTIONS	
Truss Anchors: SIMPSON HQ-8a # 5a Truss End (Tie, U.O.N.)	
Wall Tension: Wall Sheathing Nailing is Adequate - 8d # 4" O.C. Top # 8d	
Anchor Bolts: 1/2" A307 Bolts # 48" O.C. - 3a Bolt 5/8" True corner	
Corner Hold-down Device: (1) HTS # each corner	
Perch Column Base Connection: Simpson ABMS # each column	
Fench Column to Base Connection: Simpson EPSC66/PC66 # each column	
FOOTINGS AND FOUNDATIONS	
Footings: 30" x 30" x Cont. CONCRETE FOOTING W/ 19 REBAR	
Hi. Footings: 24" x 24" x Cont. w/ 2 - 19 Bars Cont. on steel/plastic chrs # 48" o.c.	

STRUCTURAL DESIGN CRITERIA

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2023 FLORIDA BAY EDITION BUILDING CODE - SECTION WORK AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- WIND LOAD CRITERIA: WIND CATEGORY: 3, EXPOSURE: "B"
BASED ON ANCHORAGE: 15, 2023 FBC WIND VELOCITY: $V_{50} = 120$ MPH
 $V_{50} = 120$ 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: 20 PSF
RESIDENTIAL: 40 PSF
SLODGE: 40 PSF
- WIND 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 INSPECTION AND TREATMENT CONTRACT REBID SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1503.4.2
- CONCRETE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 4". EXCEPTION: PAINT AND DECORATIVE CELESTIAL FINISH LESS THAN 3/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1503.4.4
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1503.4.4
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORCED. FBC 1503.4.4
- 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 1503.4.4
- MINIMUM 6" HS. VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1503.4.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1503.4.4
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1503.4.4
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND REGULATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1503.4.4
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1503.4.4
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL OPERATOR. THE CERTIFICATE OF COMPLIANCE WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: THE BUILDING HAS RECEIVED THE TERMITE TREATMENT FOR THE PROTECTION OF SUBSTANTIAL INTERESTS. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. FBC 1503.4.4
- 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 SPACES, TUB TRAP BOXES, TUBS, SHOWERS OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 1503.4.4
- NO WOOD, VEGETATION, RUBBER, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 5'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 1503.4.4

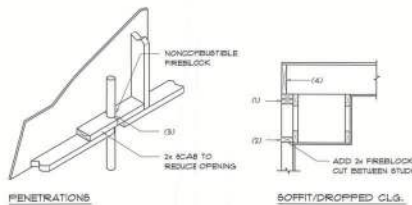
FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSS TO WALL:	SIMPSON HQ-8a or EQCIB600	600#
GRIDER TRUSS TO POST/HEADER:	SIMPSON LGT. W/ 28 - 16d NAILS	185#
PLATE TO STUD:	SIMPSON B702	185#
STUD TO WALL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	700#
POST TO BEAM TO POST:	SIMPSON P244-BPC66	220#
POST TO POST TO FND.:	SIMPSON ABMS	350/240#
MISC. JOINTS	SIMPSON A34	

- 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 #15-0818-B
- NOTE: "SIMPSON" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #15-0107-09, #15-106-11, #15-0625-04, #15-011-04, #15-011-04

BUILDING COMPONENTS & CLADDING LOADS		MEAN BUILDING HEIGHT + 30.0', EXPOSURE "B"			
ROOF ANGLE "T" TO "T"		W/S	W/S	W/S	W/S
		10' MIN	10' MIN	10' MIN	10' MIN
1	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
2	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
3	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
4	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
5	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
6	10	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	20	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5
	30	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5	10.0 / -45.5

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING		EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
WIND HEIGHT	EXPOSURE	10'	10'	10'
10	10	1.0	1.0	1.0
20	20	1.0	1.0	1.0
30	30	1.0	1.0	1.0



PENETRATIONS

SOFFIT/DROPPED C.E.G.

FIREBLOCKING NOTES:

- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING TURNED SPACES AT CEILING AND FLOOR LEVELS.
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVER CEILING, ETC.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYROPLANE, 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 ROULF SHEATHED DECKS.
- SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 3:12 OR GREATER. FOR ROOF SLOPES FROM 3:12 TO 4:12, OSL. UNDERLAYMENT IS REQUIRED.
- UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4865, TYPE 1.
- 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 3463.
- FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS. MINIMUM 1/4" 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 SHEET SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 10 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3461 OR H-DC PA 107-95.
- UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 3:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 15 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. 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 SLOPES 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 3 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE W/ MFR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING RESISTING A MINIMUM OF 7.5 LBS PER 100 SQUARE FEET. CAP FLASHINGS SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.
- VALLEYS:
VALLEY LINING SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LINING OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. 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 1503.3.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 15 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, CORNERED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 226.
3. SPECIALLY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

REVISIONS
001.15N.2024

CUSTOM HOME FOR:
CURRY RESIDENCE
COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GEISLER ARCHITECT
NICHOLAS GEISLER ARCHITECT
1000 1st Street NE
Atlanta, GA 30309

SHEET NUMBER
S.3
OF 4 SHEETS

AR000705



Figure 1 consists of two diagrams illustrating roof sheathing nailing zones. The left diagram is for a hip roof, showing a square plan with four sloped sides. Nailing zones are labeled with numbers 1 through 8. Zones 1 and 2 are along the roof edges, while zones 3 through 8 are along the roof ridges. The right diagram is for a gable roof, showing a rectangular plan with two sloped sides and two vertical gable ends. Nailing zones are labeled with numbers 1 through 8. Zones 1 and 2 are along the roof edges, while zones 3 through 8 are along the roof ridges. Both diagrams include labels for 'ROOF RIDGE' and 'ROOF EDGE'.

SCALE: NONE



SCALE: AS NOTED

