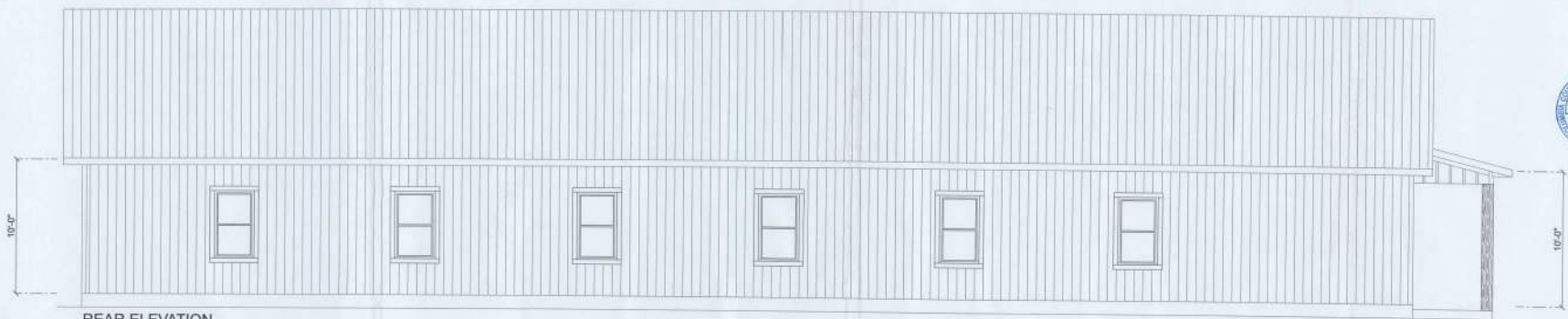


**FRONT ELEVATION**  
SCALE: 1/8" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



#135404

REVISIONS SCHEDULE	
PERMIT DRWG	Feb. 20th, 2026

A CUSTOM OFFICE BUILDING FOR:  
**WILLIS OFFICE**  
COLUMBIA COUNTY, FL

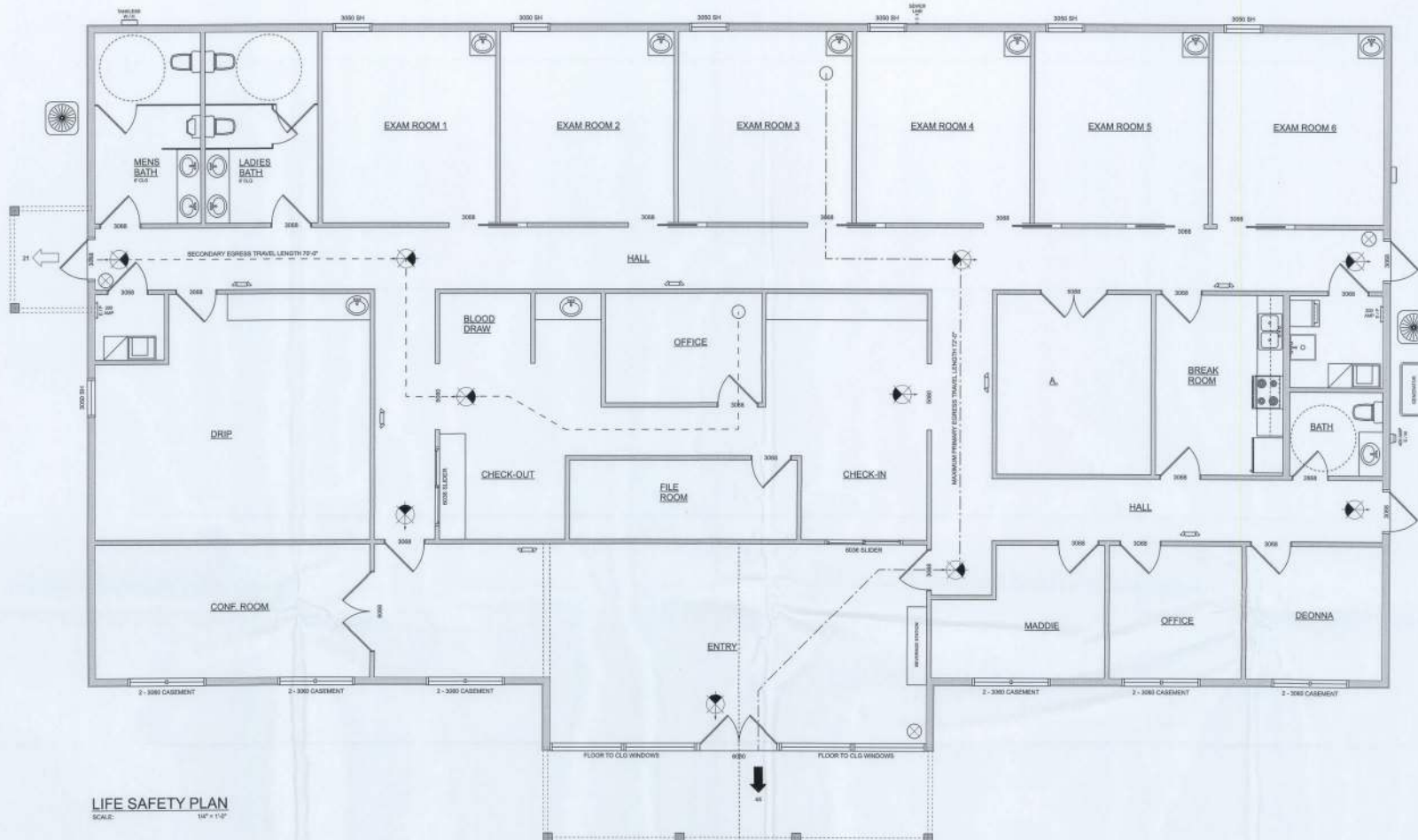
**RIDGEPOINT DESIGN**  
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**NS**  
NICHOLAS  
GESLER  
ARCHITECT  
1706 NE Bowser Rd.  
Lake City, FL 32096

SHEET NUMBER  
**A.1**  
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**LIFE SAFETY PLAN**  
SCALE: 1/8" = 1'-0"

**LEGEND**

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT
- SHALL HANG "ABC" FIRE EXTINGUISHER
- DOOR / CLOSER FOR EXITING OR RATING REASONS
- PRIMARY EGRESS w/ EXIT CAPACITY
- SECONDARY EGRESS
- EMERGENCY LIGHT w/ BATTERY BACKUP

NOTE: EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE USED PER NEC 100-2F

NOTE: SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 90" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH STORE PANEL w/ BATTERY BACKUP.

EXIT ACCESS TRAVEL DISTANCE PER 2013 FBC TABLE 1006.2.1  
OCCUPANCY - OFFICE  
80 FT. (WITHOUT SPRINKLER SYSTEM)  
260 FT. (WITH SPRINKLER SYSTEM)

NOTE: TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS, SECONDARY EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN.



8" SQ. MALIBU CROSS w/ "F/R" CENTER SIGNAGE MOUNTED # 60" ADV. WALKWAY LOCATE AS DIRECTED BY THE FIRE MARSHAL.

**2023 FBC-BUILDING, TABLE 1004.5**

MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT

OCCUPANCY CLASSIFICATION	FLOOR AREA	OCCUPANCY BASE	NUMBER OF OCCUPANTS
BUSINESS AREAS	4,54	+ 150 SF	30
WAITING AREAS	460	+ 17 SF	31
RESTROOMS	333	+ 178 SF	5
STORAGE	303	+ 1500 SF	1
<b>BUILDING TOTALS</b>	<b>6,80</b>		<b>69</b>

**EXIT WIDTH CALCULATION**

DESIGN OCCUPANCY, REQUIRED EXIT WIDTH	69 OCCUPANTS
+ 0.30' / OCCUPANT + 69 X 0.30'	18.3'
EXIT WIDTH PROVIDED:	
BUILDING: 6 DOORS * 34' / DOOR	204'
PROVIDED EXIT CAPACITY: FACILITY AREA 10' X 30'	166 OCCUPANTS ALLOWED

REVISIONS SCHEDULE

PERMIT DRWG	DATE	DESCRIPTION
	Feb. 20th, 2028	

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COLUMBIA COUNTY, FL

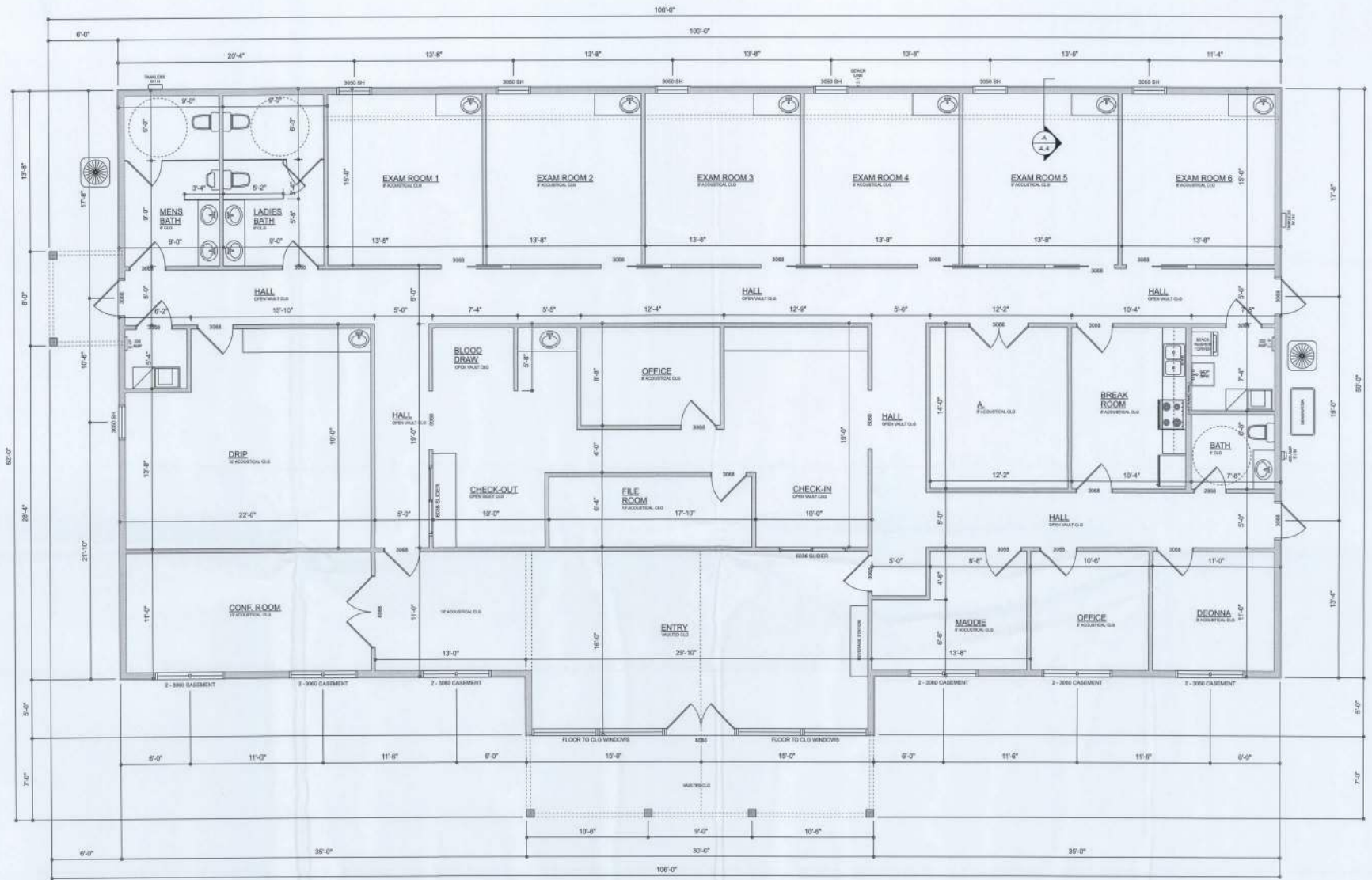
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**NICHOLAS GESSLER ARCHITECT**  
1111 NE BRIDGE RD., SUITE 100, LAKE CITY, FL 32025

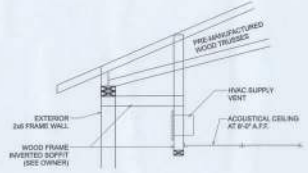


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**DIMENSIONED FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**EXAM SOFFIT DETAIL**  
SCALE: 1/8" = 1'-0"

**AREA SUMMARY**

OFFICE AREA	5,150	S.F.
FRONT PORCH	210	S.F.
SIDE PORCH	48	S.F.
<b>TOTAL AREA</b>	<b>5,408</b>	<b>S.F.</b>

**REVISIONS SCHEDULE**

PERMIT DRWG	FIG. 20th, 2026

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COLUMBIA COUNTY, FL

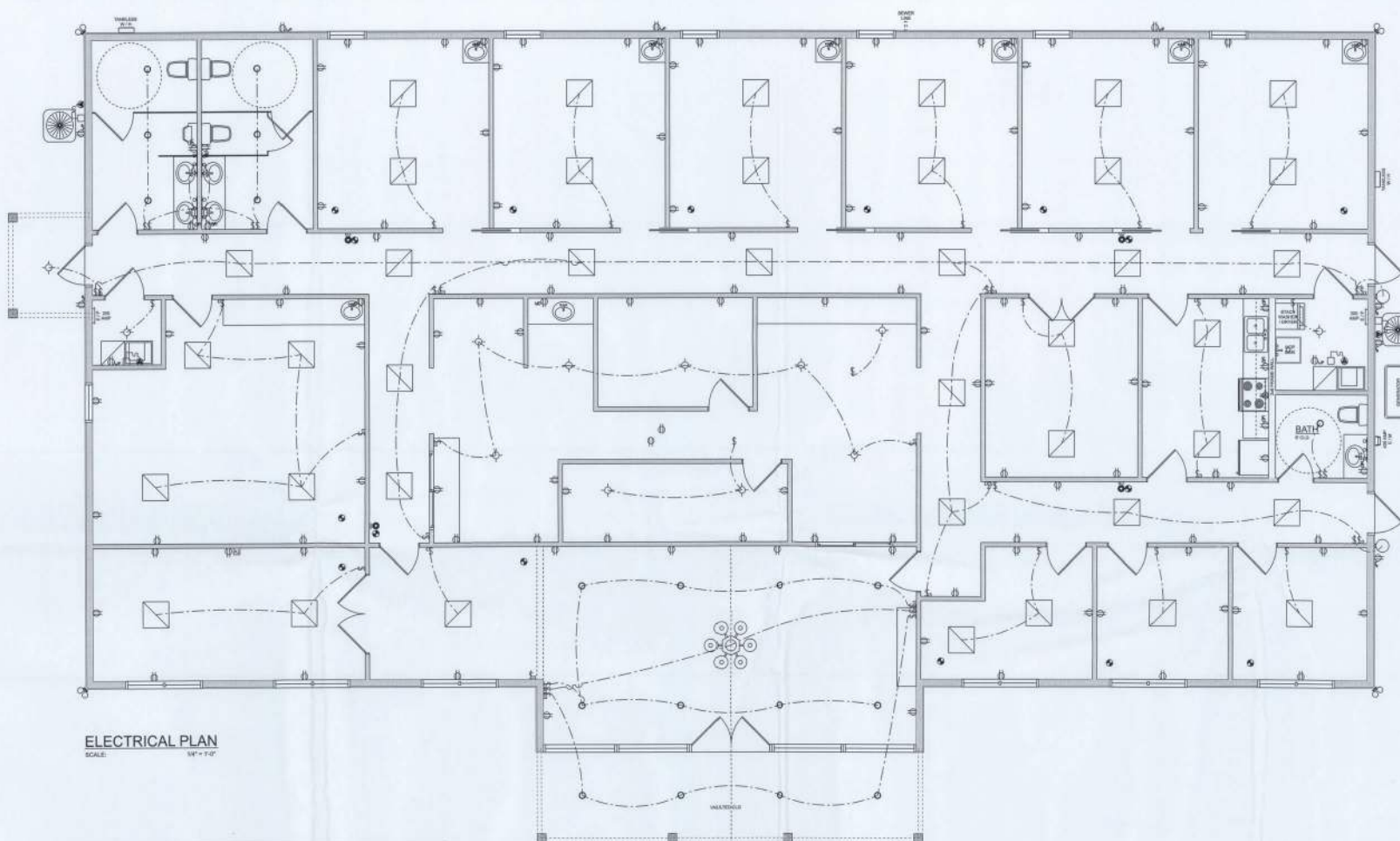
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**ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
CEILING FAN		CARBON DETECTOR
CAN LIGHT 6inch		CAT6 OUTLET
CHANDELIER		EXHAUST FAN
LED CEILING LIGHT 1x4		OUTLET
PENDANT LIGHT		OUTLET 220v
EXTERIOR SCENCE		OUTLET GF1
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 NAT'L ELECTRIC CODE.

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

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

ALL SMOKE DETECTORS SHALL BE 50V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER, INSTALL HERE AND NEAR ALL BEDROOMS.

ELECTRICAL CONTR'OR SHALL PREPARE "AS-BUILT" SHOP DRAWING INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ACCORDING TO THE ELEC. PLAN, NEAR EXISTING AS-BUILT PANELS, SCHEDULED BY ALL OTHERS IDENTIFIED BY CMT IN DESCRIPTION + BREAK, SERVICE ENT. + ALL UNDERGROUND LINES.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR JUNCTIONS SHALL BE AS PER THE OWNER'S DIRECTOR, + IN ACCORDANCE W/ APPLICABLE SECTIONS OF MOST-RECENT EDITION.

LOCATIONS/ROUTING / DEPTH, NEAR DIA. SHALL INCLUDE USE SCHEDULE + EQUIPMENT TYPE + RATINGS + 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 (GFI).

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

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (GFI-W).

REVISIONS SCHEDULE
PERMIT DRAWG
Feb. 20th, 2008

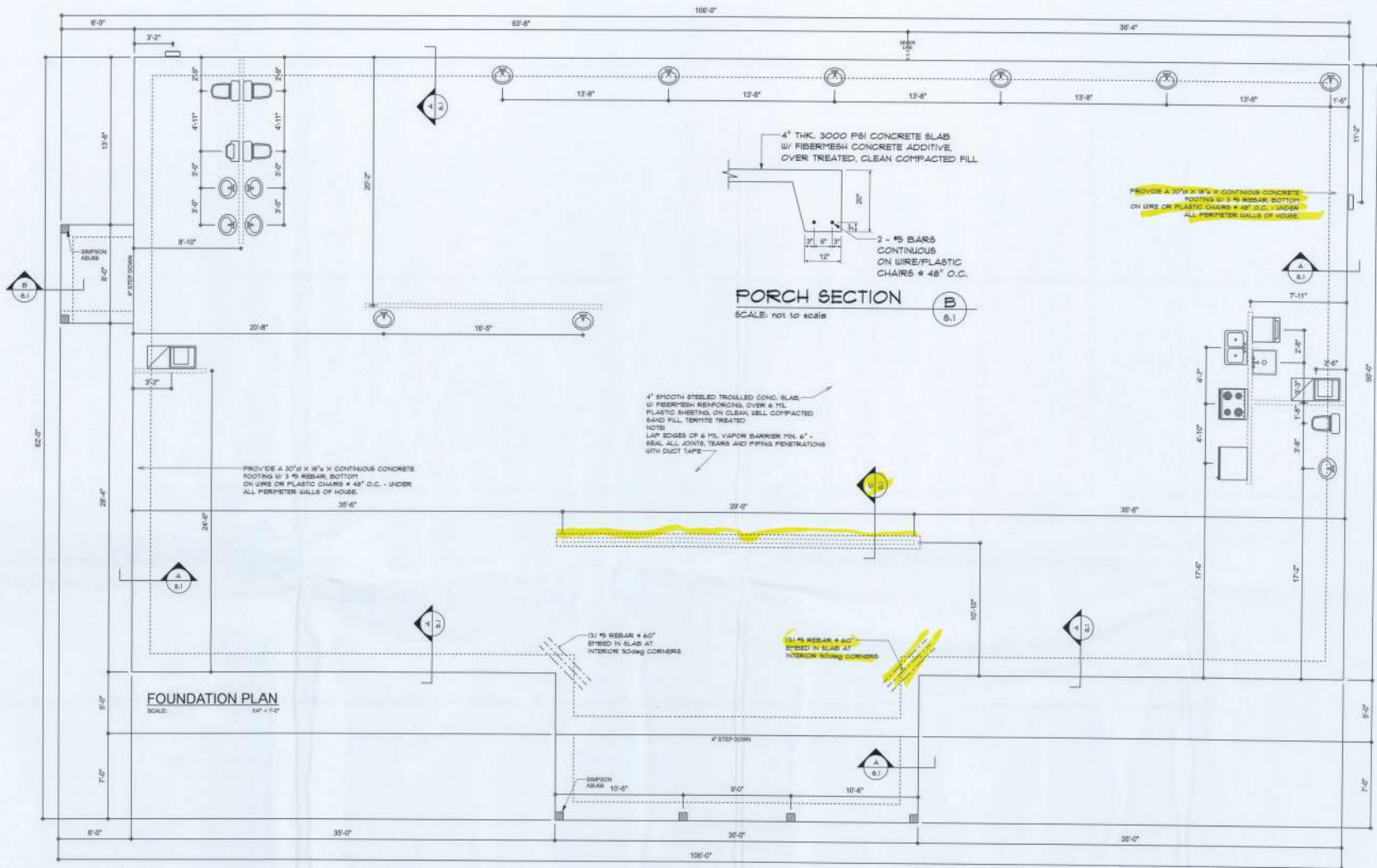
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COLUMBIA COUNTY, FL

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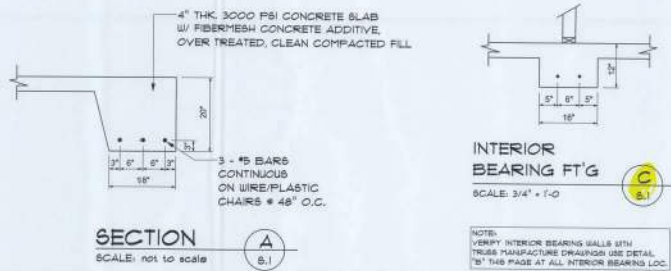
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**CONCRETE / MASONRY / METALS GENERAL NOTES:**

- DESIGN SOIL BEARING PRESSURE: 800 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 PREFORMED 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 100 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A615 - MIN. YIELD STRESS = 95 KSI.
- CONCRETE SHALL BE STANDARD MIX Fc = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX Fc = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. TYPING, PLACING AND FINISHING SHALL BE AS PER AC STANDARD.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - Fx = 1800 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 A328, 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 100 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS
- NOTE:  
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - 84 LIFT SHALL BE CONTRACTED TO 98% DRY COMPACTION PER THE MODIFIED PROCTOR METHOD.
- NOTE:  
PROVIDE A MINIMUM OF TWO OPENINGS HAVING A TOTAL NET AREA OF NOT LESS THAN ONE SQUARE INCH FOR EVERY SQUARE FOOT OF ENCLOSED AREA SUBJECT TO FLOODING
- NOTE:  
THE PROJECT IS DESIGNED IN ACCORDANCE WITH ASCE 4

REVISIONS SCHEDULE

PERMIT DRAWG	Feb. 20th, 2006

A CUSTOM OFFICE BUILDING FOR:  
**WILLIS OFFICE**  
COLUMBIA COUNTY, FL

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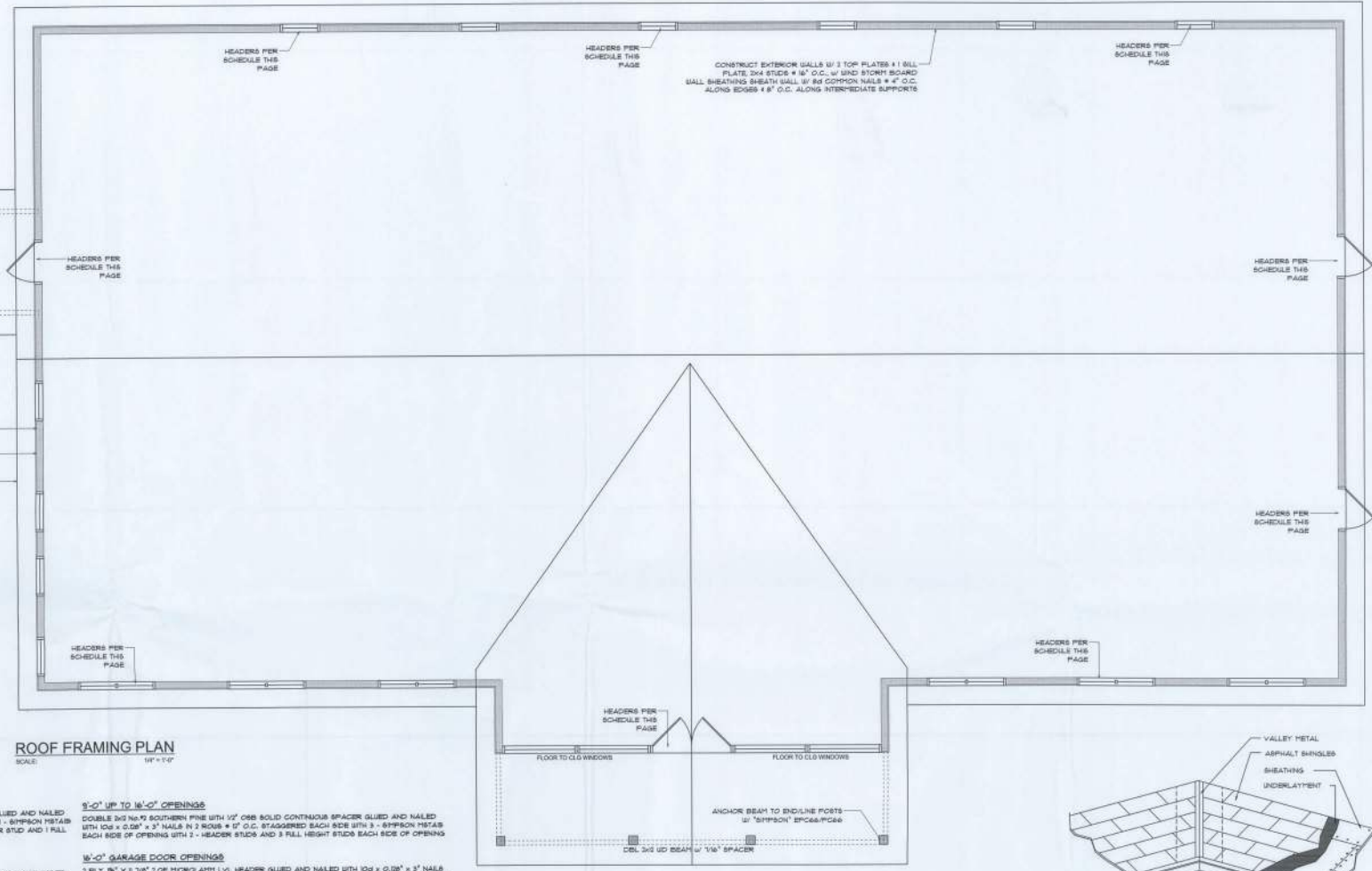
REVISIONS SCHEDULE	Feb. 20th, 2025
PERMIT DRWG	

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SHEET NUMBER  
**S.2**  
 OF 7 SHEETS

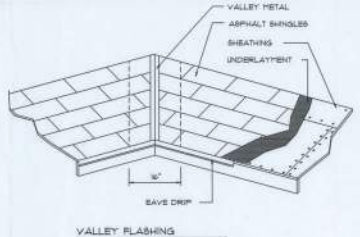


**NOTE**  
 ANCHOR UNDER TRUSSES TO HEADER WITH 2 "SIMPSON" L812, 3 OR 4, ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" 812 BA, END - TYP., T.O.

**STANDARD HEADER SCHEDULE**

- 0'-0" UP TO 4'-0" OPENINGS**  
 DOUBLE 2x6 NO.9 SOUTHERN PINE WITH 1/2" O.C. SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10x4 x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON HPS14B TOP AND 1 - SIMPSON 8PHR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING.
- 4'-0" UP TO 8'-0" OPENINGS**  
 DOUBLE 2x6 NO.9 SOUTHERN PINE WITH 1/2" O.C. SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10x4 x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON HPS14A TOP AND 3 - SIMPSON 8PHR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING.
- 8'-0" UP TO 16'-0" OPENINGS**  
 DOUBLE 2x6 NO.9 SOUTHERN PINE WITH 1/2" O.C. SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10x4 x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON HPS14B EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING.
- 16'-0" GARAGE DOOR OPENINGS**  
 2 PLY 1/2" x 1/2" x 1/2" 2.08 HONOLULU LVL, HEADER GLED AND NAILED WITH 10x4 x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON HPS14B EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING.

**ROOF FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"



**ROOF PLAN NOTES**

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 18" (0' ON GABLE) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD-3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

**NOTE**  
 SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING W/ 8x NAILS - SEE DETAIL ON SHEET SD-4

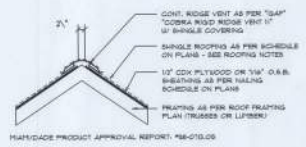
**NOTE**  
 THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FIC 1609 AND LOCAL JURISDICTION REQUIREMENTS

**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 "SPRUS RATED LUMBER AND ITS CONNECTIONS" LATEST EDITION, ALONG WITH THE TRUSS PLATE INSTITUTE'S SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN PLACEMENT PLANS, DETAIL TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWING ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR OTHERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSES OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGES SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

**NOTE!**  
 ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING BRIMS, FLASHINGS OR OTHER SUCH PENETRATIONS. WALLS 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.

AREA OF ATTIC OR VENT	NEED L.F. AREA OF ROOF	NET FREE AREA OF ROOF
1800 SF	30 LF	400 SQ.FT.
1800 SF	24 LF	400 SQ.FT.
2000 SF	28 LF	400 SQ.FT.
3000 SF	32 LF	400 SQ.FT.
3000 SF	40 LF	400 SQ.FT.
3000 SF	44 LF	400 SQ.FT.



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

**WOOD STRUCTURAL NOTES**

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. DO NOT ENGAGE TEMPORARY OR 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.

**ROOFING METALS FOR FLASHING/ROOFING**  
 MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ/L)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		30	
GALVANIZED STEEL	0.018	36 (ZINC COATED GA0)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40

**Roofing/Flashing DET. A**  
 SCALE: NONE

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FLORIDA BUILDING CODE	
Compliance Summary	
<b>TYPE OF CONSTRUCTION</b>	
Roof:	Hip Construction (Solid Trusses + 2" O.C. Shear, 2x6 Solid Studs + 1" O.C. Floor, 4" Th. Concrete Slab w/ Reinforced Concrete Additive Foundation - Continuous Footing/Bolt Wall)
<b>ROOF DECKING</b>	
Material:	1/2" CDX Plywood or 7/8" O.S.B.
Sheet Size:	48" x 96" Sheets Perpendicular to Roof Framing
Fasteners:	6d Ring Shank per schedule on sheet 8.4
<b>SUBFRACTION</b>	
Members:	7/8" O.S.B. UNDERTORY BOARD
Sheet Size:	48" x 96" Sheets Placed Vertical
Fasteners:	8d Common Nails # 4" O.C. Edges + 1" O.C. Interior
Diaphragm:	Double Top Flange (N.Y.P.) W/6d Nails # 2" O.C.
Wall Studs:	2x6 Studs # 16" O.C.
<b>HURRICANE UPLIFT CONNECTORS</b>	
Truss Anchors:	SIMPSON H2BA # 3/4 Truss End (Tie, U.O.N.)
Wall Tension:	Wall Sheathing Nailing Is Adequate + 8d # 4" O.C. Top + Bolt Anchor Bolts 1/2" A307 Bolts # 48" O.C. - In Bolt 2" x 6" from corner
Corner Hold-down Devices:	(U) HTS # each corner
Perch Column Bolt Connection:	Simpson AB206 # each column
Perch Column to Beam Connection:	Simpson EP266-EP266 # each column
<b>FOOTINGS AND FOUNDATIONS</b>	
Footing:	18" x 30" x 3" CONT., CONCRETE FOOTING W/ 3 # REBAR.
In. Footings:	12" x 2" x 3" Cont. w/ 3 # Bar Cont. on strap/pile/chain + 48" o.c.

**FRAMING ANCHOR SCHEDULE**

APPLICATION	MANUFACTURER	CAP.
TRUSS TO WALL:	SIMPSON H2BA or SDUC8x60	600#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 2" - 16d NAILS	135#
HEADER TO KING STUD(S):	SIMPSON BT2	150#
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING UNDERTORY BOARD	
STUD TO BELL:	NO CONNECTION REQ. WHEN USING UNDERTORY BOARD	
PORCH BEAM TO POST:	SIMPSON FGM-EP266	700#
PORCH POST TO FND.:	SIMPSON AB206	2200#
MISC. JOINTS:	SIMPSON A34	350/240#

**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:**  
"SECCO" PRODUCT APPROVAL:  
MIAMI/DADE COUNTY REPORT #9-0818-018  
**NOTE:**  
"SIMPSON" PRODUCT APPROVALS:  
MIAMI/DADE COUNTY REPORT #3-0101-05, #36-102-11, #35-0623-04  
SECCI NER-143, NER-395

**STRUCTURAL DESIGN CRITERIA:**

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2009 FLORIDA BUILDING CODE - SECTION 605 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT THE TIME OF DESIGN.

1. WIND LOAD CRITERIA: RISK CATEGORY: 1, EXPOSURE: 'B'  
BASED ON ANCHORAGE 1/2, 3/32 FPC 3004-WIND VELOCITY: V<sub>W</sub> = 30 MPH  
V<sub>W</sub> = 101 MPH

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

4. FLOOR DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: 30 PSF  
SUPERIMPOSED LIVE LOADS:  
RESIDENTIAL: 40 PSF  
MERCANTILE: 80 PSF

5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

WIND SPEED (MPH)	BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT + 30.0', EXPOSURE 'B', ROOF ANGLE T TO ZT'			
	WALL 10 PSF	WALL 20 PSF	WALL 30 PSF	WALL 40 PSF
10	10.0 / -8.3	14.9 / -23.7	19.9 / -29.8	25.3 / -35.9
20	14.1 / -12.4	21.8 / -39.0	29.2 / -47.0	36.7 / -54.4
30	20.0 / -18.4	31.9 / -52.3	43.9 / -68.0	56.1 / -80.3
40	28.7 / -24.7	45.9 / -66.3	63.7 / -88.4	82.2 / -108.2
50	41.1 / -35.3	67.4 / -101.0	92.7 / -128.9	120.1 / -151.1
60	58.0 / -49.5	97.7 / -138.8	136.7 / -184.8	176.1 / -213.8
70	81.1 / -68.9	140.1 / -194.0	196.7 / -264.4	253.1 / -293.3
80	111.1 / -95.9	197.7 / -270.0	276.7 / -364.0	353.1 / -403.3
90	151.1 / -132.9	274.7 / -370.0	386.7 / -504.0	493.1 / -553.3
100	206.1 / -182.9	384.7 / -510.0	536.7 / -704.0	683.1 / -753.3

BLDG HEIGHT	HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
	EXPOSURE 'C'	EXPOSURE 'B'	EXPOSURE 'A'	EXPOSURE 'D'
10	.85	.85	.85	.85
20	.85	.85	.85	.85
30	.85	.85	.85	.85
40	.85	.85	.85	.85
50	.85	.85	.85	.85
60	.85	.85	.85	.85
70	.85	.85	.85	.85
80	.85	.85	.85	.85
90	.85	.85	.85	.85
100	.85	.85	.85	.85

**TERMITE PROTECTION NOTES:**

**SOIL CHEMICAL BARRIER METHOD:**

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDOR AND NEED FOR REINSPECTION AND TREATMENT CONTRACT REBID SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE BATTERY HEATER OR ELECTRIC PANEL. FBC 3403.4
2. CONCRETE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 3403.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRINKLER HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 3403.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS AND FINAL BARTH GRACE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CERAMIC TILE LESS THAN 3/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 3403.1.6
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORTIFIED. FBC 3403.1.6

7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE OBSTRUCTION OF SOIL AFTER THE INITIAL TREATMENT. FBC 3403.1.6
8. PERIMETER AND VAPOR RETARDERS MUST BE INSTALLED TO PROTECT AGAINST RAINFALL. COLLISION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 3403.1.6
9. CONCRETE OVERPOUR AND PORTLAND CEMENTS ARE THE FOUNDATION PESTICIDE MUST BE RETREATED BEFORE EXTERIOR SOIL TREATMENT. FBC 3403.1.6
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 3403.1.6

11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED SHALL BE RETREATED. FBC 3403.1.6
12. ALL BUILDINGS ARE REQUIRED TO HAVE PEN-CONSTRUCTION TREATMENT. FBC 3403.1.6
13. A CERTIFICATE OF COMPLIANCE MUST BE SUBMITTED 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 SUBTERNEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 3403.1.6
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAIRS, TRAP BOXES, FORMS, SHORERS OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 3403.1.6
15. NO WOOD, VEGETATION, STRIPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 8'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 3403.1.6

**Fire Stopping DETAILS**

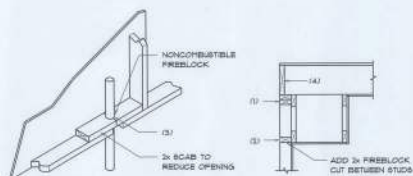
SCALE: NONE



**5/8-RIB METAL ROOFING PANELS  
ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES**

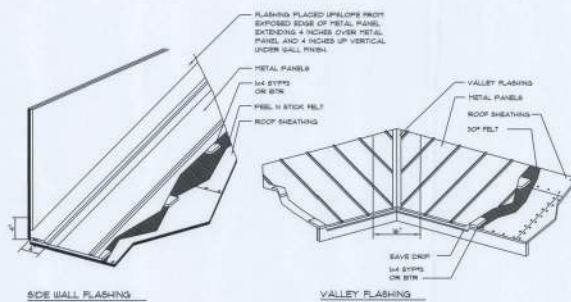
MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ 30' MEAN ROOF HEIGHT, MIN. 3/4" PITCH BASED ON ASCE 7-98, EXPOSURE 'C'

ROOF SLOPE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	100 - 130		130 - 150		150 - 180	
				O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	UD, SCREW	#8 x 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
				48" GA.	36"	18"	24"	12"	24"
2 & 3	UD, SCREW	#8 x 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
				48" GA.	36"	18"	24"	12"	24"



**FIREBLOCKING NOTES:**

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING BUNKED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "HYPOKALM" MULTIFLEX SEALANT
4. 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.



**METAL ROOFING, DET.**

SCALE: NONE

**General Roofing NOTES:**

- DECK REQUIREMENTS:**  
METAL PANELS MUST BE FASTENED TO 1/4\"/>

**FASTENERS:**  
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS, MINIMUM OF #8 x 1 1/2\"/>

**ATTACHMENT:**  
METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 34\"/>

**BASE AND CAP FLASHINGS:**  
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS.

  1. R24 - RIDGE CAP
  2. ED1 - EAVE Drip
  3. ER3 - EAVE FLASHING
  4. RH - RIDGELINE FLASHING
  5. EH - ENDWALL FLASHING
  6. GR-4 - GABLE END OR RAKE BOARD FLASHING
  7. TR - TRANSITION FLASHING
  8. PV-2 - PREPARED VALLEY FLASHING
  9. BUTYL TAPE
  10. SEALANT TAPE
  11. PEEBOST

**UNDERLAYMENT APPLICATION:**  
UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:  
1. STARTING AT THE EAVE, A 1/8\"/>

2. STARTING AT THE EAVE, 36 INCH SIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 3 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

**BASE AND CAP FLASHINGS:**  
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM THICKNESS 0.018 INCH OR PERMANENT SURFACE ROLL ROOFING WITH A THICKNESS OF 1 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM THICKNESS OF 0.018 INCH.

**VALLEYS:**  
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:  
1. OPEN VALLEYS: VALLEY LINING OF TWO PLYS OF PERMANENT SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.  
2. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:  
A. BOTH TYPES 1 AND 2 ABOVE COMBINED.  
B. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 226.  
C. SPECIALLY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1970.

REVISIONS SCHEDULE	Feb. 20th, 2009
PERMIT DRAWG	

A CUSTOM OFFICE BUILDING FOR:  
**WILLIS OFFICE**  
COLUMBIA COUNTY, FL

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SHEET NUMBER  
**S.3**  
OF 7 SHEETS

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