

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



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



#25404

REVISIONS SCHEDULE	
PERMIT DRWG	Feb. 20th, 2026

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

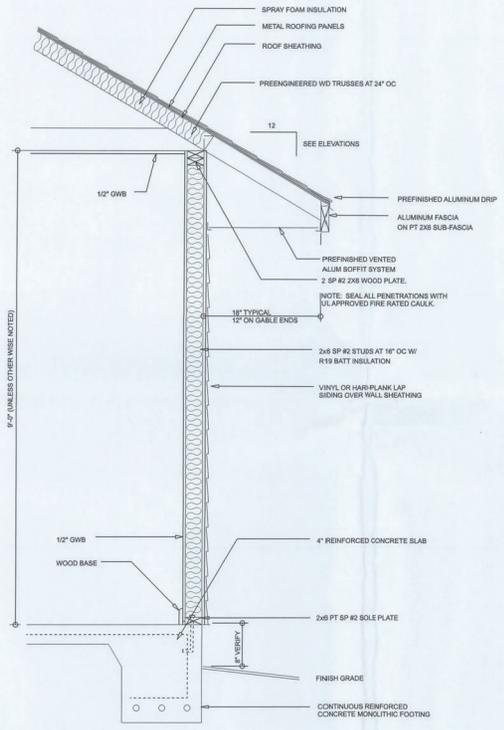
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PH: (386) 284-1188 E: JON@RIDGEPOINTDESIGN.COM
Facebook Instagram LinkedIn

NS
NICHOLAS
GEBELER
ARCHITECT
1766 NE Brown Rd.
Lake City, FL 32096

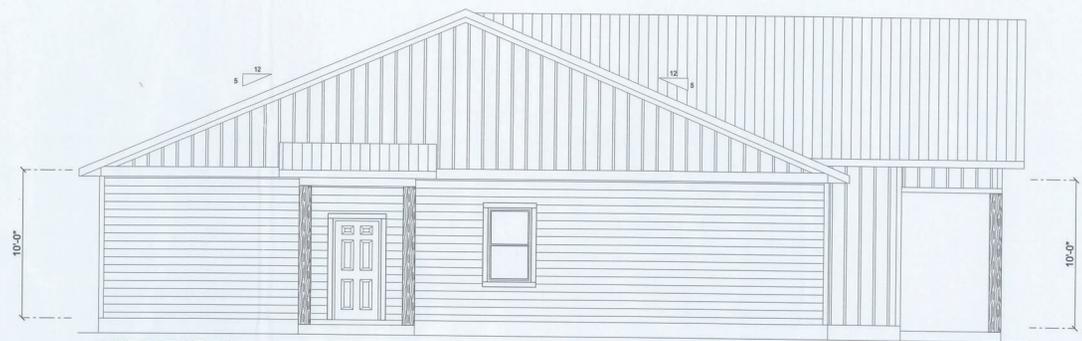


SHEET NUMBER
A.1
OF 7 SHEETS

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TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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



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

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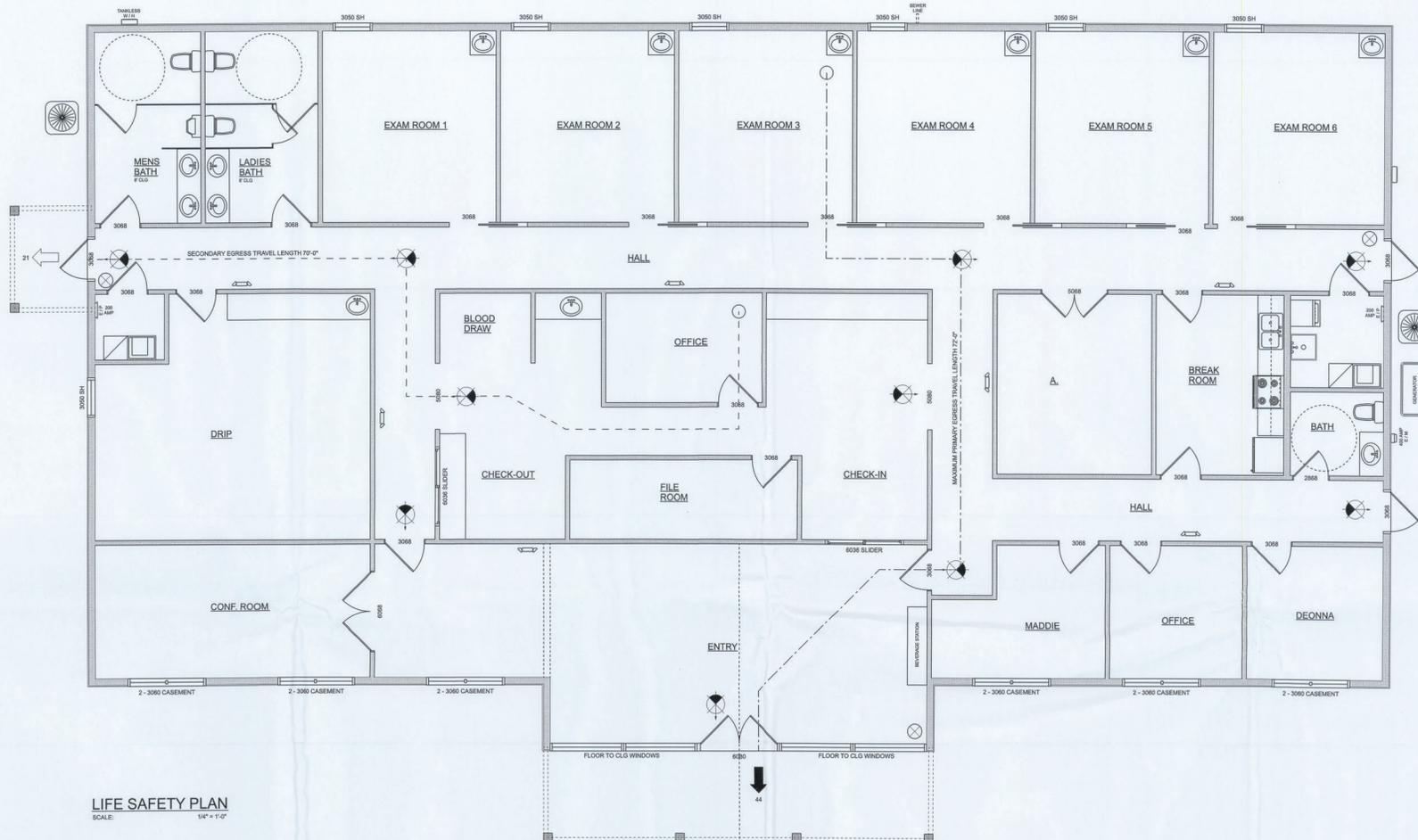
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NICHOLAS GEISLER ARCHITECT
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LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT
- WALL HUNG "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 UNID PER NEC 100-12F

NOTE: SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 80" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH STORE PANEL w/ BATTERY BACKUP

EXIT ACCESS TRAVEL DISTANCE PER 2023 FBC TABLE 1006.2.1
OCCUPANCY - OFFICE
150 FT. (WITHOUT SPRINKLER SYSTEM)
250 FT. (WITH SPRINKLER SYSTEM)

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



8" SQ. MALIBU CRO88 w/ "F/R" IDENTIFIER SIGNAGE MOUNTED # 60" ABV. 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 BASIS	NUMBER OF OCCUPANTS
BUSINESS AREAS	4,164	# 1/50 SF	38
WAITING AREAS	460	# 1/1 SF	31
RESTROOMS	333	# UPPER RR	9
STORAGE	203	# 1/200 SF	1
BUILDING TOTALS	5,160		69

EXIT WIDTH CALCULATION

DESIGN OCCUPANCY: 68 OCCUPANTS
REQUIRED EXIT WIDTH:
• 0.30' / OCCUPANT = 68 x 0.30 = 19.5'

EXIT WIDTH PROVIDED:
BUILDING: 9 DOORS = 34' / DOOR = 110'

PROVIDED EXIT CAPACITY:
FACILITY AREA: 107,030' = 566 OCCUPANTS ALLOWED

REVISIONS SCHEDULE

PERMIT DRWG	Feb. 20th, 2026
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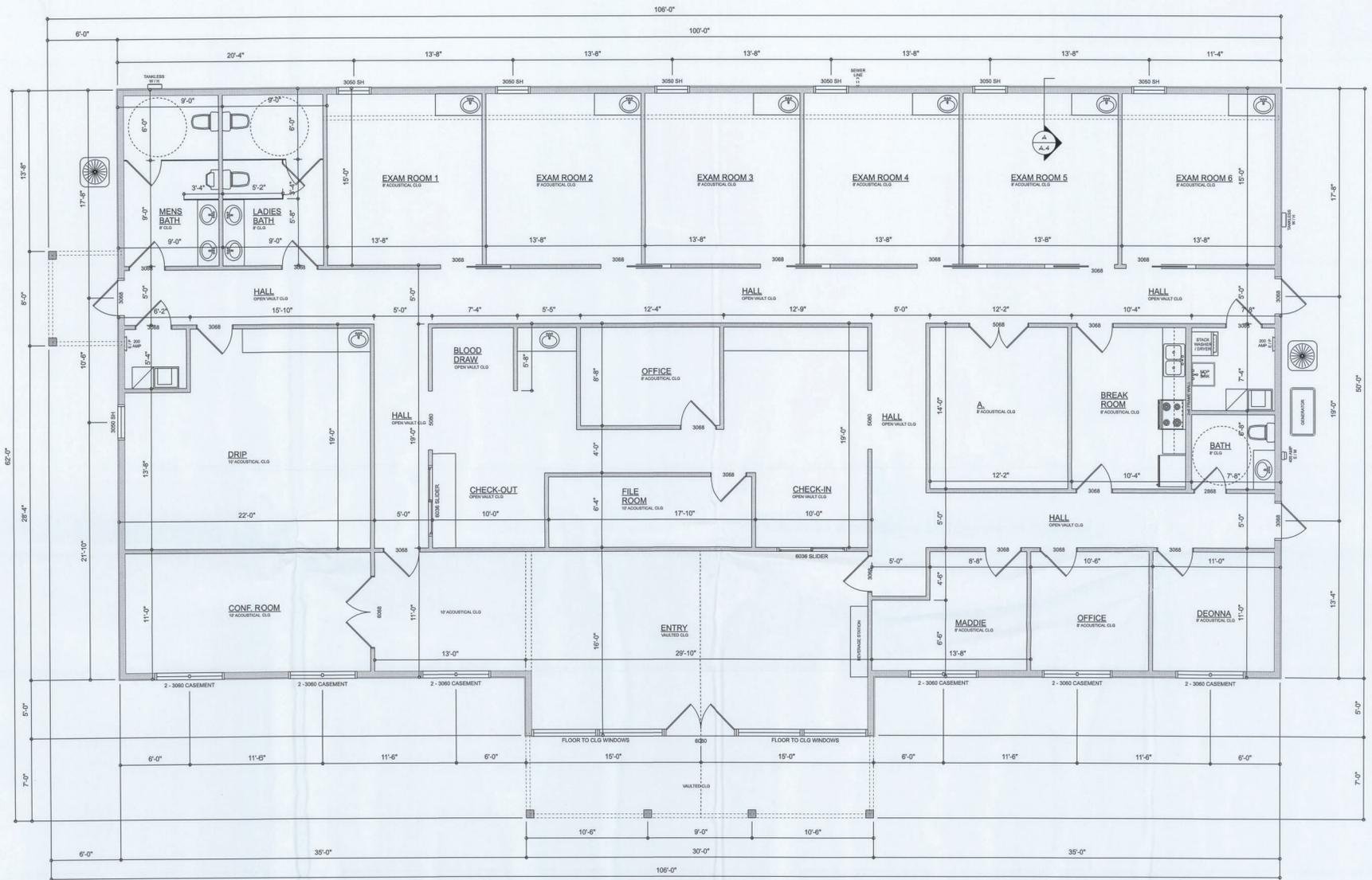
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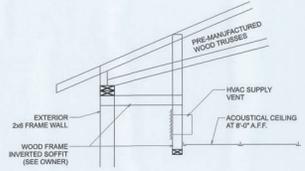
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DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"



EXAM SOFFIT DETAIL
SCALE: 1/4" = 1'-0"

AREA SUMMARY	
OFFICE AREA	5,150 S.F.
FRONT PORCH	210 S.F.
SIDE PORCH	48 S.F.
TOTAL AREA	5,408 S.F.

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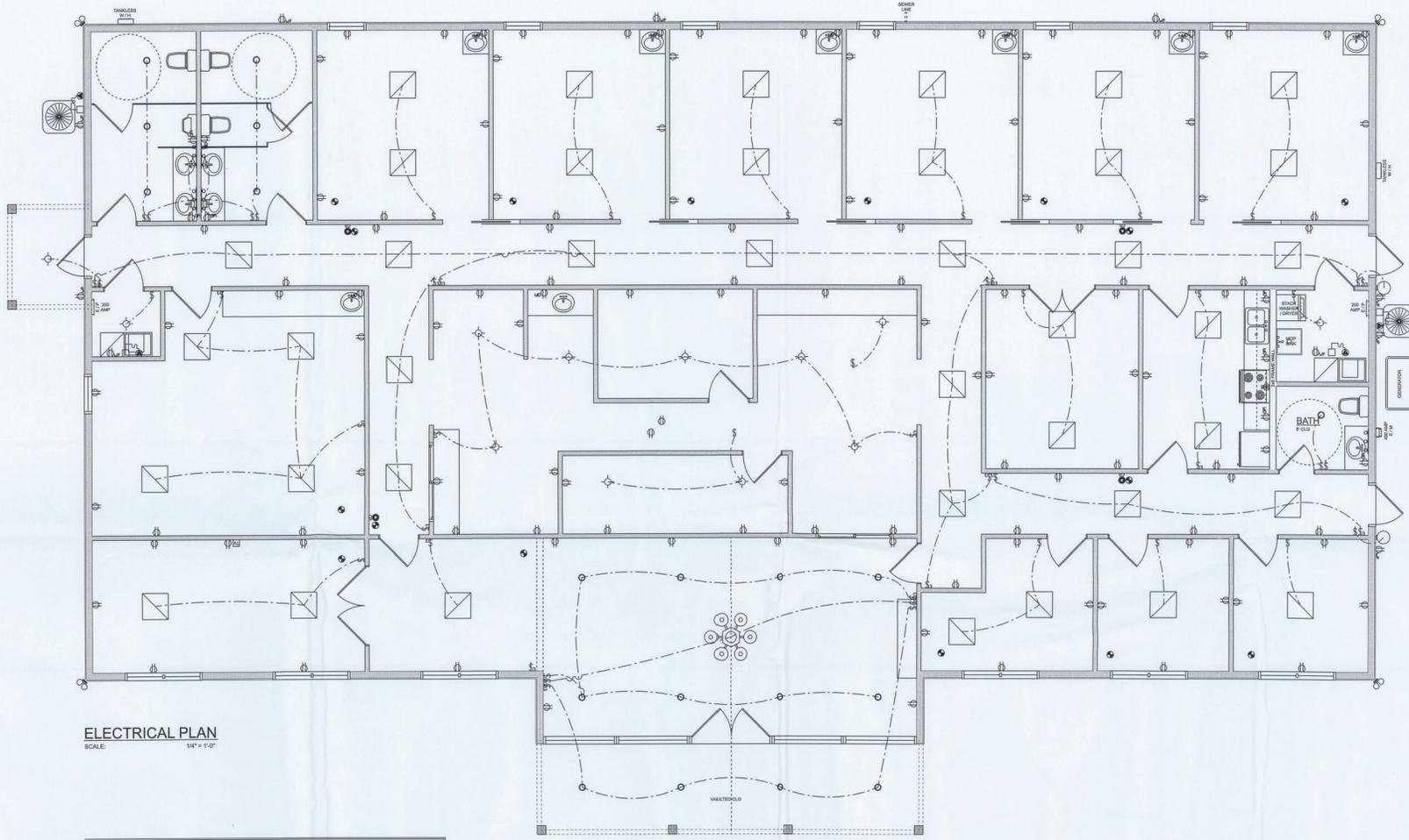
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ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
CEILING FAN		CARBON DETECTOR
CHANDELIER		CAT6 OUTLET
CAN LIGHT 6inch		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 NAT'L ELECTRIC CODE.
 WIRE 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 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER, INSTALL INSIDE AND NEAR ALL BEDROOMS.
 ELECTRICAL CONTR' SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'D TO THE ELEC. PLAN, WHEN DRAWING LABEL PANELS, SCHEDULE BY ALL CIRCUITS IDENTIFIED BY CKT NO., DESCRIPTION & BREAK, SERVICE ENT. & ALL UNDERGROUND WIRE.
 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.
 LOCATIONS/NOTING / DEPTH, WIRE DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
 CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMITTING AUTHORITY.
 ALL RECEPTICALS NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DESIGNATED OUTLETS.
 ALL RECEPTICALS IN 1ST AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).
 ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (GFI/WFI).

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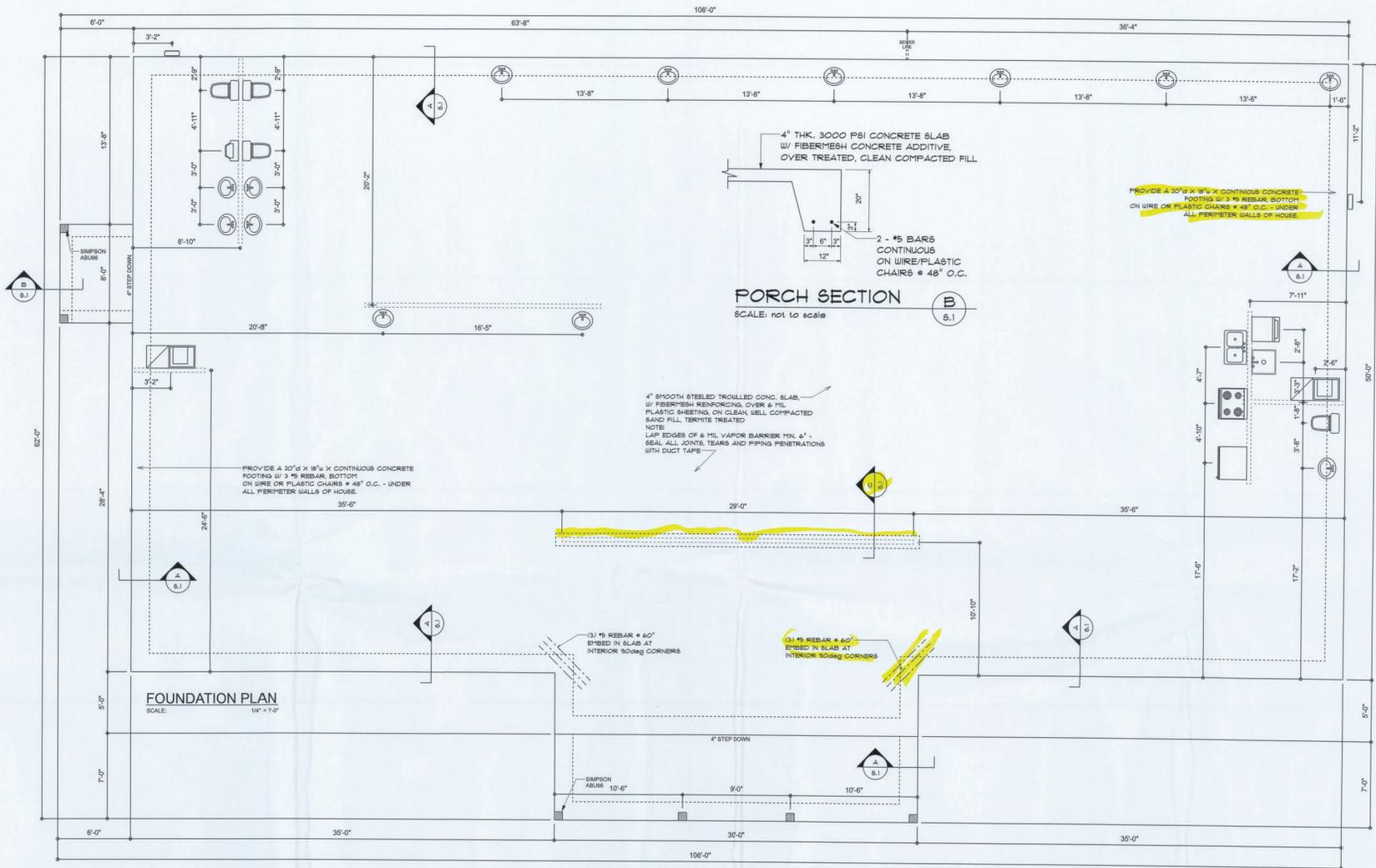
REVISIONS SCHEDULE	DATE	DESCRIPTION
PERMIT DRWG	Feb. 20th, 2026	

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 COLUMBIA COUNTY, FL

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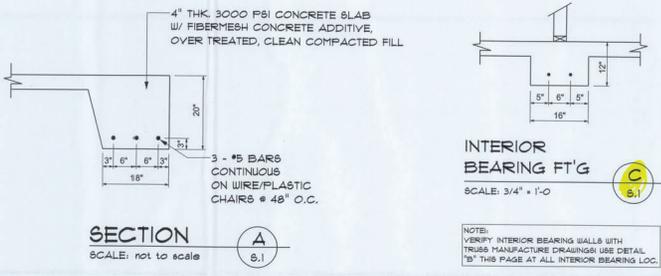
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CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 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 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 A185 - MIN. TENSILE STRESS = 65 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, 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 - Fc = 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 I 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 - EACH LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION FOR 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 24

NOTE: VERIFY INTERIOR BEARING WALLS WITH TRUSS MANUFACTURE DRAWINGS USE DETAIL 'D' THIS PAGE AT ALL INTERIOR BEARING LOC.

REVISIONS SCHEDULE	Feb. 20th, 2026
PERMIT DRAWG	

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NICHOLAS PAUL ARCHITECT
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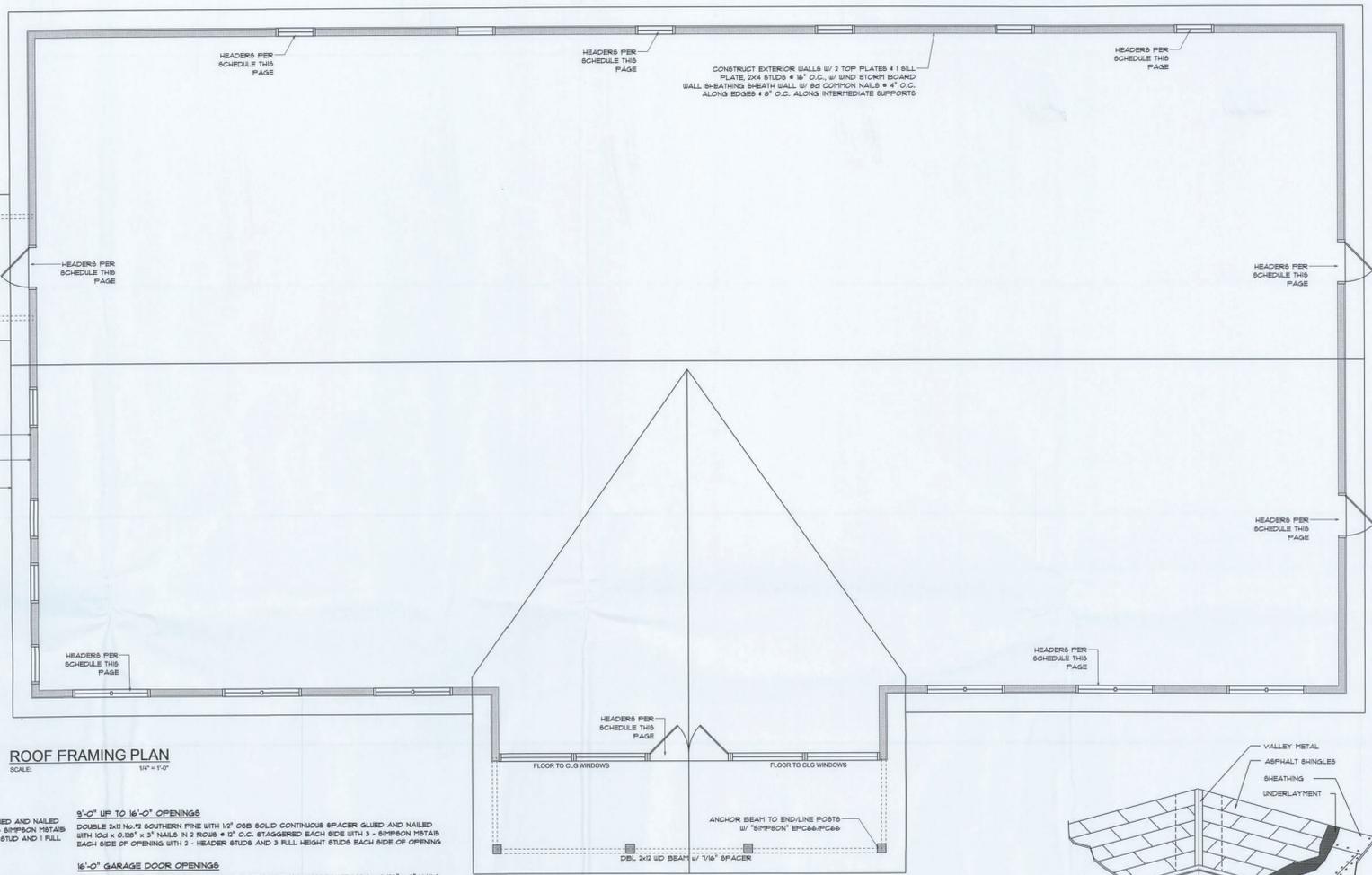
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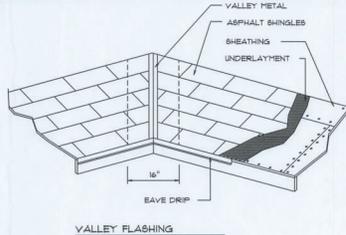


NOTE:
ANCHOR (SINDER TRUSSES) TO HEADER WITH 2 "SIMPSON" LGT2, 3 OR 4).
ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" BT2 EA. END - TYP. T.O.

STANDARD HEADER SCHEDULE

- 0'-0" UP TO 6'-0" OPENINGS**
DOUBLE 2x6 NO.9 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.19" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON HSTAB TOP AND 1 - SIMPSON BPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 6'-0" UP TO 9'-0" OPENINGS**
DOUBLE 2x6 NO.9 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.19" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON HSTAB4 TOP AND 2 - SIMPSON BPHAR 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 2x12 NO.9 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.19" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON HSTAB 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 11" x 1/8" 2.08 MICROLAM LVL HEADER GLUED AND NAILED WITH 10d x 0.19" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON HSTAB 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"



AREA OF ATTIC	REQ'D L.R.	NET FREE AREA OF VENT
1800 SF	30 LF	410 SQ. IN.
1800 SF	24 LF	480 SQ. IN.
2200 SF	28 LF	570 SQ. IN.
2800 SF	32 LF	650 SQ. IN.
3600 SF	36 LF	730 SQ. IN.
3600 SF	40 LF	800 SQ. IN.
3600 SF	44 LF	800 SQ. IN.

WOOD STRUCTURAL NOTES

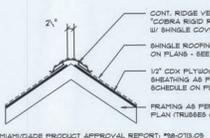
- TEMPORARY BRACINGS OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED 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.

ROOFING METALS FOR FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (SQ. FT.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0178	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40

Roofing/Flashing DETS.

SCALE: NONE



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

B

ROOF PLAN NOTES

- R-1** SEE ELEVATIONS FOR ROOF FITCH
 - R-2** ALL OVERHANGS 18" (0" ON GABLES) UNLESS OTHERWISE NOTED
 - R-3** PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
 - R-4** SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
 - R-5** MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR
- NOTE:**
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

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

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 "TRUSS RELATED LIGERS AND ITS CONNECTIONS", LATEST ED., 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, 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 JOISTS. 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:
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PIPING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 9'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

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FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Hip Construction (Wood Trusses + 2" O.C. Sheathing) 2x6 Wood Studs + 1/2" O.C. Gypsum Board
 Floor: 4" Thick Concrete Slab w/ Fiberglass Concrete Additive
 Foundation: Continuous Footing/Beam Wall

ROOF DECKING

Material: 1/2" CDX Plywood or 1/2" O.S.B.
 Sheet Size: 48" x 96" Sheets Perpendicular to Roof Framing
 Fasteners: 8d Ring Shank per schedule on sheet 8' x 4'

SEASHELLS

Material: 1/2" O.S.B. UNDERSTORY BOARD
 Sheet Size: 48" x 96" Sheets Placed Vertical
 Fasteners: 8d Common Nails # 4" O.C. Edges + 8" O.C. Interior
 Draglines: Double Top Flange (S.T.P.) 1/2" x 1/2" Nails # 12" O.C.
 Wall Studs: 2x6 Studs + 1/2" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON H2.5a + Ea. Truss End (TYP. U.O.N.)
 Wall Ties: 1/2" A307 Bolts + 48" O.C. - 1st Bolt 12" from corner
 Anchor Bolts: 1/2" A307 Bolts + 48" O.C. - 1st Bolt 12" from corner
 Corner Hold-down Device: (1) HTS + each corner
 Perch Column Base Connection: SIMPSON ABU64 + each column
 Perch Column to Beam Connection: SIMPSON EP666/EP666 + each column

FOOTINGS AND FOUNDATIONS

Footings: 18" W x 20" D X CONT., CONCRETE FOOTING W/ 3 #5 REBAR.
 Int. Footings: 12" x 12" x Cont. W/ 2 #5 Bar Cont. on wire/plastic chair + 48" o.c.

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSS TO WALL	SIMPSON H2.5a or SDUC18x600	400#
GIRDER TRUSS TO POST/HEADER	SIMPSON LGT, W/ 28 - 16d NAILS	178#
HEADER TO KING STUD(S)	SIMPSON B72	137#
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 FC666/EP666	1700#
PORCH POST TO FND.	SIMPSON ABU64	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: "SECCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #98-0819.B

NOTE: "SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #91-0107.05, #96-1026.II, #98-0623.04
 SBCCI NER-443, NER-393

STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLY WITH THE REQUIREMENTS OF THE 2023 FLORIDA 6th EDITION BUILDING CODE - SECTION 609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- WIND LOAD CRITERIA: RISK CATEGORY 2, EXPOSURE "B" BASED ON ANIMVAE 1-32, 2023 FIB W60A WIND VELOCITY, V_{WIND} + 101 MPH V₅₀ + 101 MPH
- ROOF DESIGN LOADS:
 SUPERIMPOSED DEAD LOADS: 30 PSF
 SUPERIMPOSED LIVE LOADS: 30 PSF
- FLOOR DESIGN LOADS:
 SUPERIMPOSED DEAD LOADS: 25 PSF
 SUPERIMPOSED LIVE LOADS: 40 PSF
 RESIDENTIAL: 40 PSF
 BALCONIES: 60 PSF
- WIND NET UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

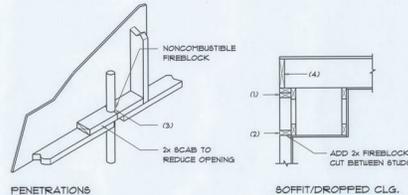
- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSTATEMENT AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 124.2.8
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 903.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 903.4.4
- 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 3/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 186.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 186.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE TACKED 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 186.1.3
- MINIMUM 1" HILVAPOUR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 186.1.4
- CONCRETE OVERPOUR AND PORTLAND CEMENTS SHALL BE RETREATED MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 186.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 186.1.6
- 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 186.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PERM-CONSTRUCTION TREATMENT. FBC 186.1.1
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PERM 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 186.1
- 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 STACKS, TRAP BOXES, FORMS, HANGING 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

BUILDING COMPONENTS & CLADDING LOADS
 MEAN BUILDING HEIGHT + 30.0', EXPOSURE "B"
 ROOF ANGLE 1° TO 2°

ZONE	WIND DIRECTION	WIND VELOCITY (MPH)		WIND PRESSURE (PSF)	
		WIND VELOCITY (MPH)	WIND PRESSURE (PSF)	WIND VELOCITY (MPH)	WIND PRESSURE (PSF)
1	10	10.0 / -9.3	14.8 / -23.1	13.9 / -21.8	20.3 / -32.3
	20	14.1 / -13.4	19.8 / -32.0	18.0 / -31.0	28.5 / -45.4
	30	18.0 / -18.6	27.8 / -42.3	25.9 / -40.0	39.1 / -60.2
2	10	10.9 / -10.1	15.8 / -25.3	14.9 / -24.4	22.3 / -35.2
	20	15.4 / -14.6	22.8 / -36.0	21.0 / -34.4	32.5 / -51.1
	30	20.0 / -20.2	32.8 / -50.8	29.9 / -46.8	45.1 / -71.1
3	10	11.9 / -11.1	16.8 / -28.1	15.9 / -27.6	24.3 / -38.2
	20	17.4 / -16.6	25.8 / -42.0	23.0 / -36.8	35.1 / -56.1
	30	23.0 / -23.2	37.8 / -60.8	33.9 / -52.8	49.1 / -81.1
4	10	12.9 / -12.1	17.8 / -30.1	16.9 / -29.6	26.3 / -39.2
	20	18.4 / -17.6	26.8 / -45.0	23.0 / -38.8	37.1 / -57.1
	30	24.0 / -24.2	38.8 / -63.8	33.9 / -54.8	51.1 / -79.1
5	10	13.9 / -13.1	18.8 / -32.1	17.9 / -31.6	28.3 / -42.2
	20	19.4 / -18.6	27.8 / -47.0	24.0 / -38.0	39.1 / -60.2
	30	25.0 / -25.2	39.8 / -65.8	33.9 / -54.8	53.1 / -84.2

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS
 FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE 'C'		
	EXPOSURE 'B'	EXPOSURE 'D'	EXPOSURE 'E'
10	.82	.72	.67
20	.89	.78	.73
30	.94	.83	.78
40	1.00	1.00	.86



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 "HYPOKAPAL 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.

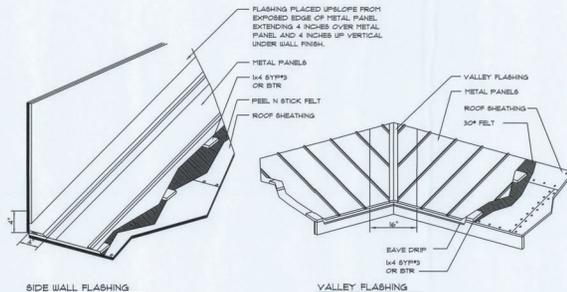
Fire Stopping DETAILS

SCALE: NONE



5M-RIB METAL ROOFING PANELS
 ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES
 MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ 30' MEAN ROOF HEIGHT, MIN. 3/12 PITCH BASED ON ASCE 1-98 EXPOSURE "C"

ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO O/C SPACING	100 - 110		120 - 130		140 - 150	
				O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREW	#8 x 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
	MTL. BCR.	#12 x 1"	4" LB. GA.	36"	18"	24"	12"	24"	12"
2 & 3	WD. SCREW	#9 x 1 1/2"	WOOD	36"	18"	24"	12"	24"	8"
	MTL. BCR.	#12 x 1"	4" LB. GA.	36"	18"	24"	12"	24"	8"



METAL ROOFING, DET.

SCALE: NONE

General Roofing NOTES:

- DECK REQUIREMENTS:
 METAL PANELS MUST BE FASTENED TO 1x4 FURRING PURLINS OR 1/2" PLYWOOD
- CAULKING:
 MUST BE APPROVED BY THE MANUFACTURER. BUTYL SEALANT SUPPLIED IN TUBE OR GUN-GRADE FORM.
- METAL PANEL:
 METAL PANELS SHALL BE MIN. 29 GAUGE AND COMPLY WITH ASTM A-792 AND D 7-98
- FASTENERS:
 FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS, MINIMUM OF #8 x 1 1/2" HEX HEAD.
- ATTACHMENT:
 METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER. SPECIAL METHODS OF FASTENING ARE REQUIRED, UNLESS OTHERWISE NOTED. ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 330 OR P.A. 25.
- BASE AND CAP FLASHINGS:
 BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFR'S INSTALLATION INSTRUCTIONS.
1. RC-1 - RIDGE CAP
 2. ED-1 - EAVE DRIP
 3. EV-3 - EAVE FLASHING
 4. BS-4 - SIDING FLASHING
 5. BS-1 - ENDWALL FLASHING
 6. GR-4 - GABLE END OR RAKE BOARD FLASHING
 7. TR-1 - TRANSITION FLASHING
 8. PV-2 - PREFORMED VALLEY FLASHING
 9. BUTYL TAPE
 10. SEALANT TAPE
 11. PEEBLOC
- UNDERLAYMENT APPLICATION:
 UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
 1. STARTING AT THE EAVE, A 1/8" STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
 2. STARTING AT THE EAVE, 36" INCH SIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19" 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 EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING UNDERLAYMENT WITH A MINIMUM OF 7 LBS PER 100 SQUARE FEET. CAP FLASHING 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 ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
 1. OPEN VALLEYS: VALLEY LINING OF METAL. THE VALLEY LINING SHALL BE AT LEAST 1/8" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS (FBC TABLE 903.3.2).
 2. OPEN VALLEYS: VALLEY LINING OF TWO PLYS 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.
 3. 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 24.
 3. SPECIALLY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1930.

REVISIONS SCHEDULE
 Feb. 20th, 2026
 PERMIT DRWG

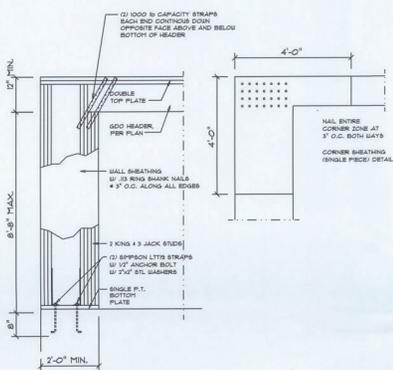
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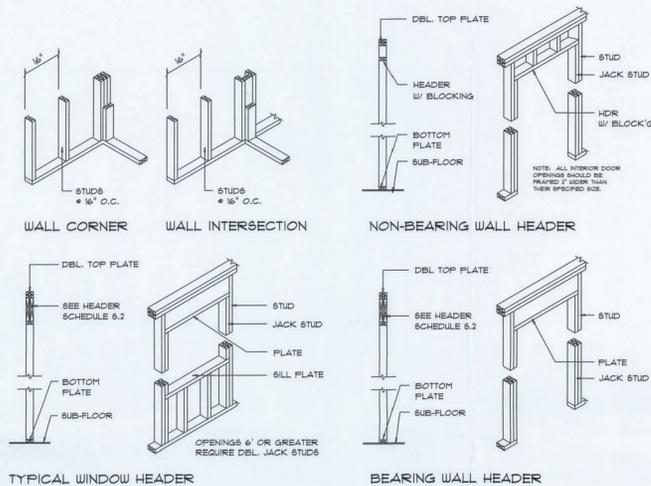
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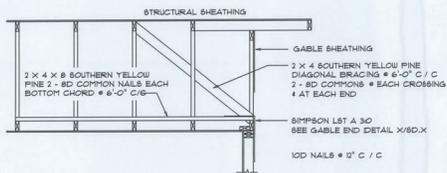
Garage End Wall DETAILS

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



Wall Framing/Header DETAILS

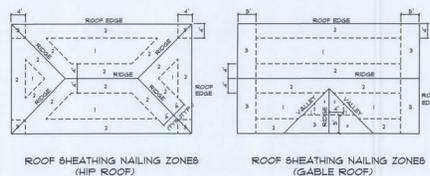
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END WALL BRACING FOR CEILING DIAPHRAGM

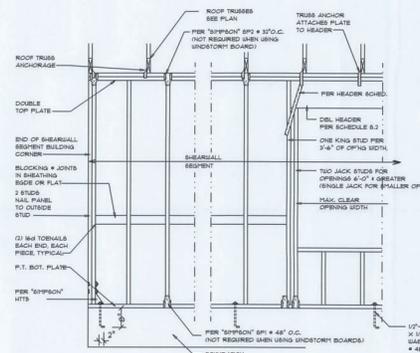
SCALE: NONE

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1		6 IN. S.S. EDGE	6 IN. S.S. FIELD
2	1/2" O.S.B. OR 5/8" CDX	2 1/4" X 0.375" RING SHANK NAILS	6 IN. S.S. EDGE 6 IN. S.S. FIELD
3		4 IN. S.S. X 1 1/2" SQUARE OR 4 IN. S.S. EDGE	6 IN. S.S. FIELD



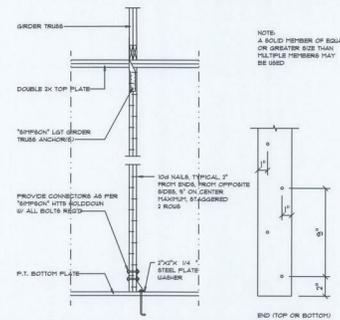
Roof Nail Pattern DET.

SCALE: NONE



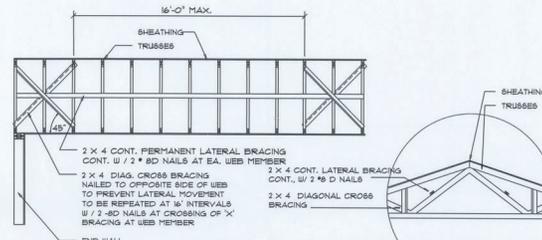
Shear Wall DETAILS

SCALE: NONE



Girder Truss Column DET.

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



Truss Bracing DETAILS

SCALE: AS NOTED

- SHEATHING NOTES:**
- ALL SHEATHING SHALL BE TYPE 2 SHEATHING.
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" ENDSTORY BR INCLUDING AREAS ABOVE AND BELOW OPENINGS.
 - ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
 - NAIL BRACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
 - TYPE 2 SHEATHING IS DESIGNED FOR THE OPENING IF CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/8 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/8 FOR 8'-0" WALLS (12'-0").

OPENING WIDTH	MIN. WALL HEIGHT	MIN. TORQUE PER SQUARE FOOT
UP TO 4'-0"	10' 0" OR (1) 24"	1
4'-0" TO 8'-0"	10' 0" OR (1) 24"	2
8'-0" TO 12'-0"	10' 0" OR (1) 24"	3

REVISIONS SCHEDULE	DATE	DESCRIPTION
PERMIT DRWG	FEB. 20TH, 2026	

A CUSTOM OFFICE BUILDING FOR
WILLIS OFFICE
COLUMBIA COUNTY, FL

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