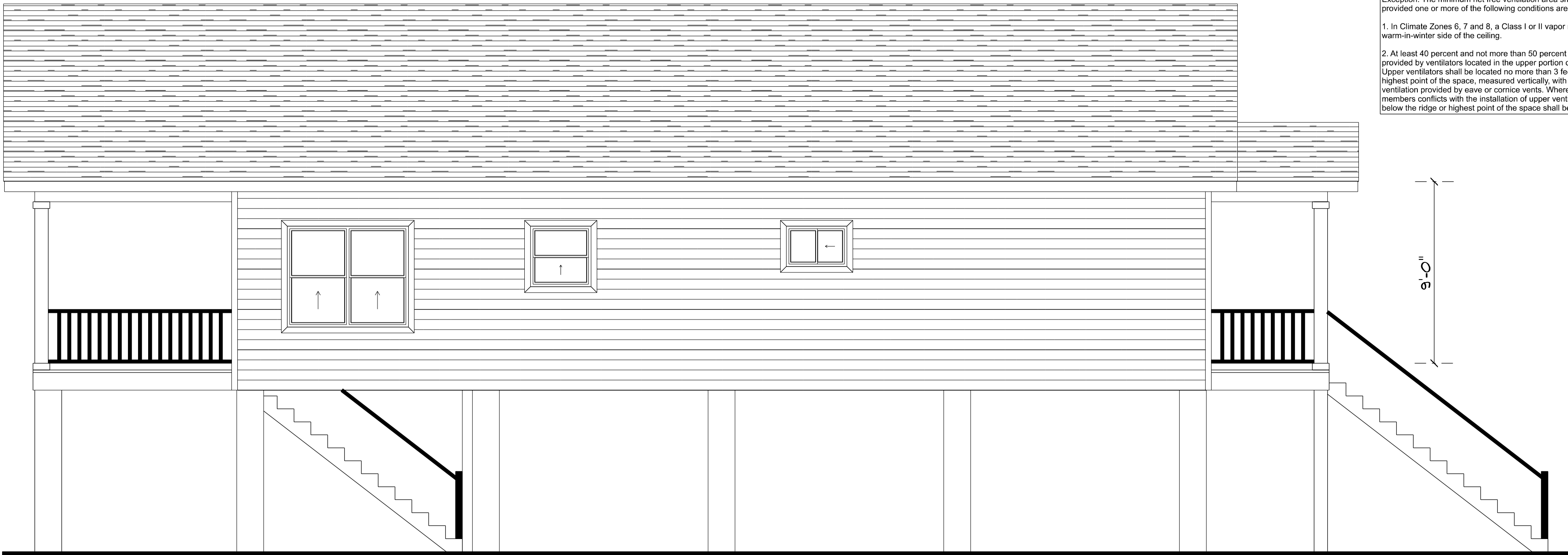
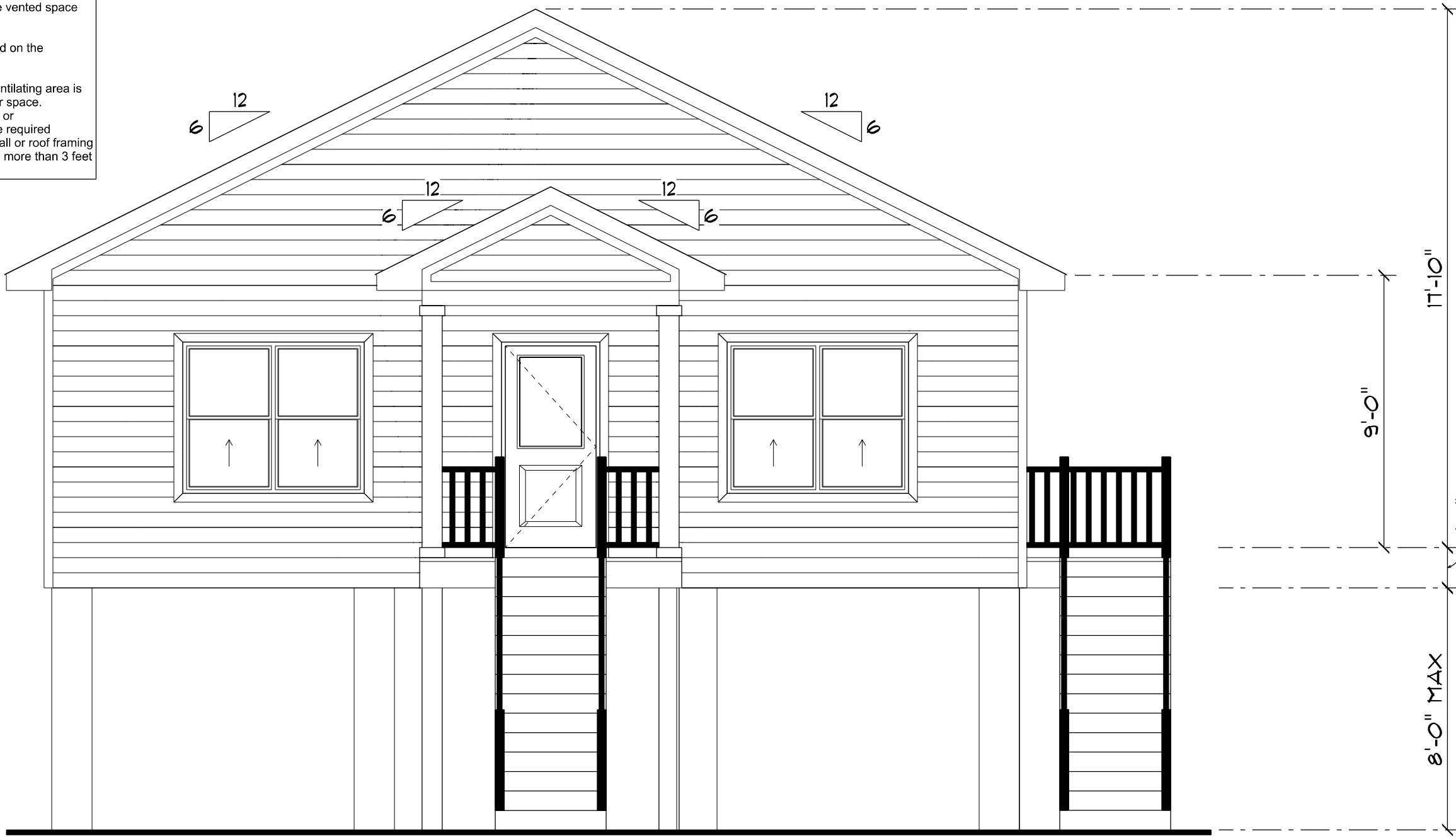


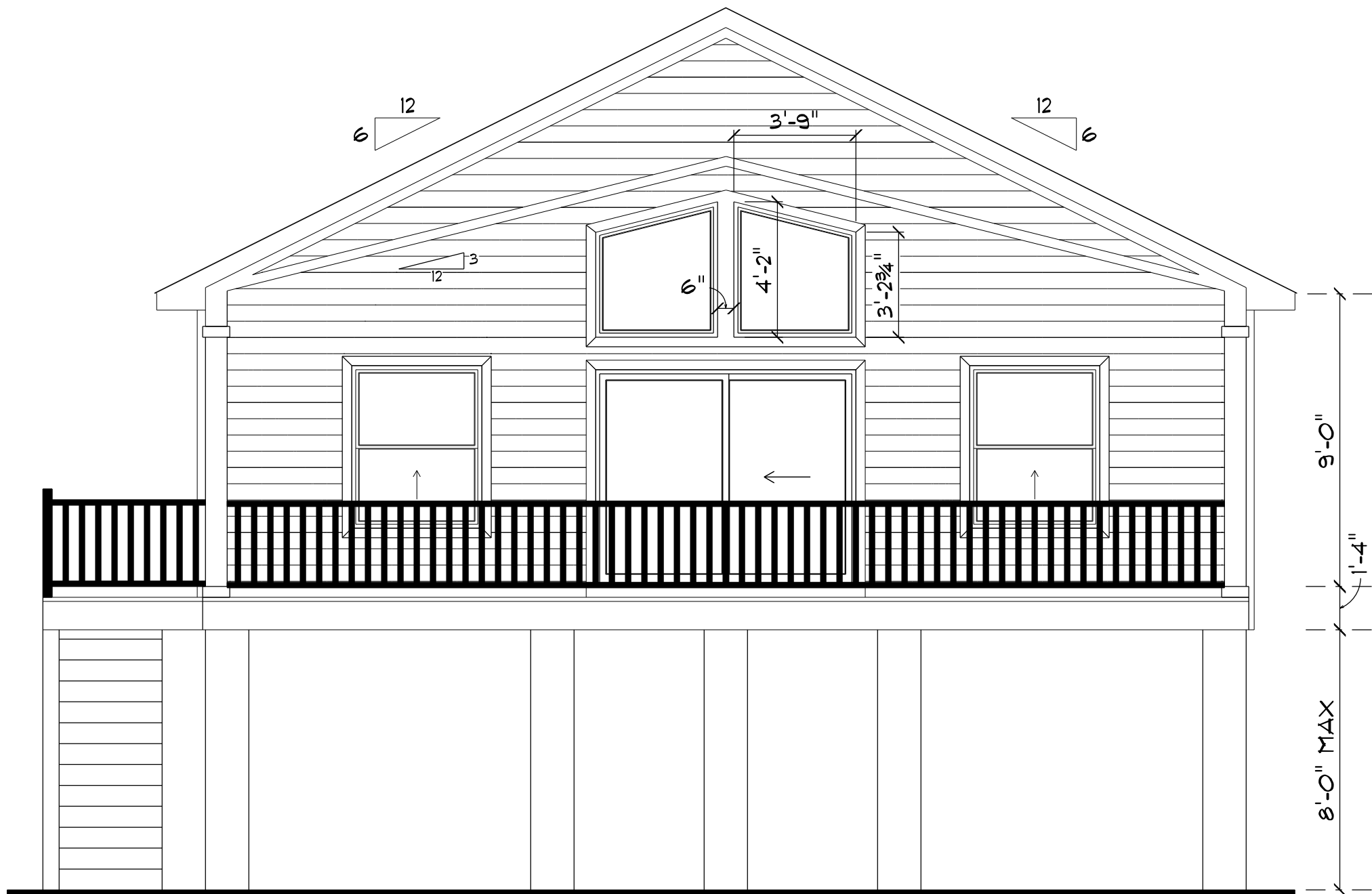
ROOF VENTILATION:
R806.2 Minimum vent area.
The minimum net free ventilating area shall be 1/150 of the area of the vented space.
Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided one or more of the following conditions are met:
1. In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.
2. At least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located no more than 3 feet below the ridge or highest point of the space, measured vertically, with the balance of the required ventilation provided by eave or cornice vents. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet below the ridge or highest point of the space shall be permitted.



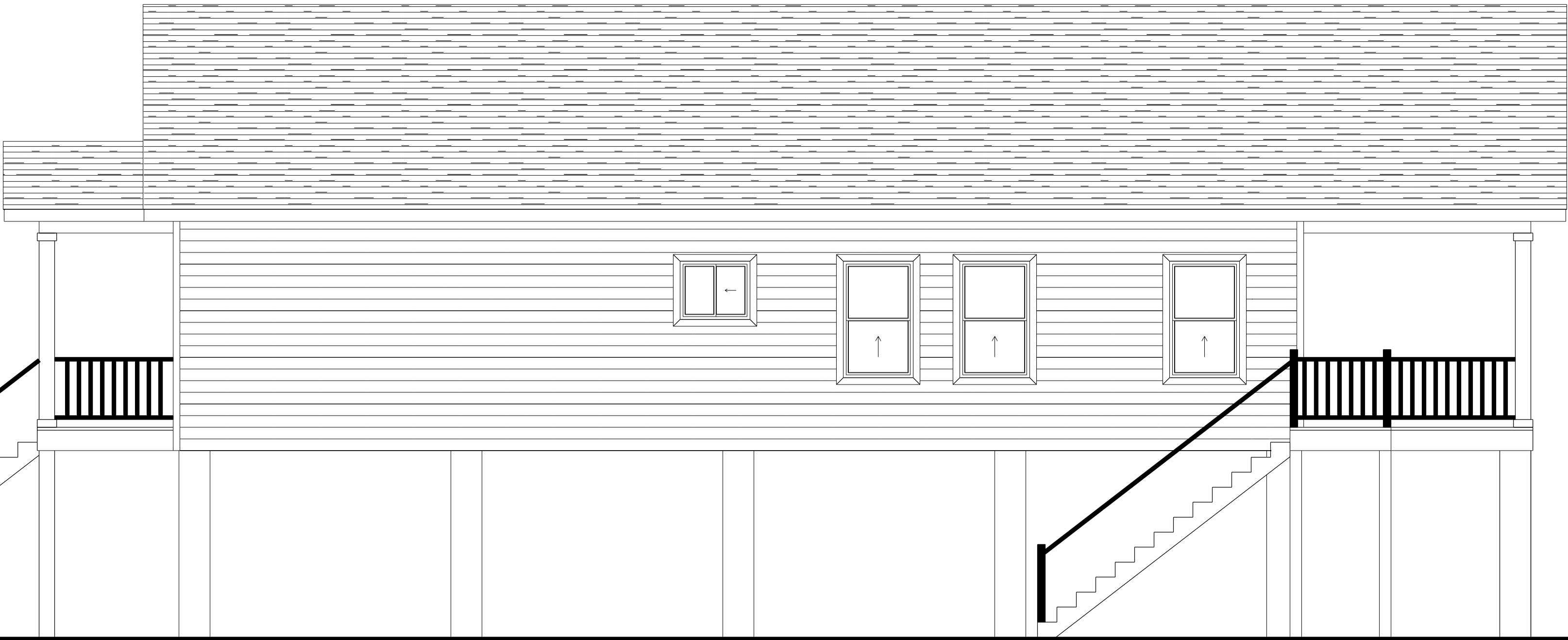
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

Amira Builders

Warren Depree Res.

PROJECT ADDRESS:
1130 SW Bluff Drive
Fort White, FL 32038

FL PE 53915
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Mark Disosway P.E. on digital signature date.
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dnQualifier=A014
10C0000017E97
DE07CA000746F
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CERTIFICATION: I hereby certify that I have
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portions of the plan, relating to wind engineering
comply with the 8th Edition Florida
Building Code Residential (2023)
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

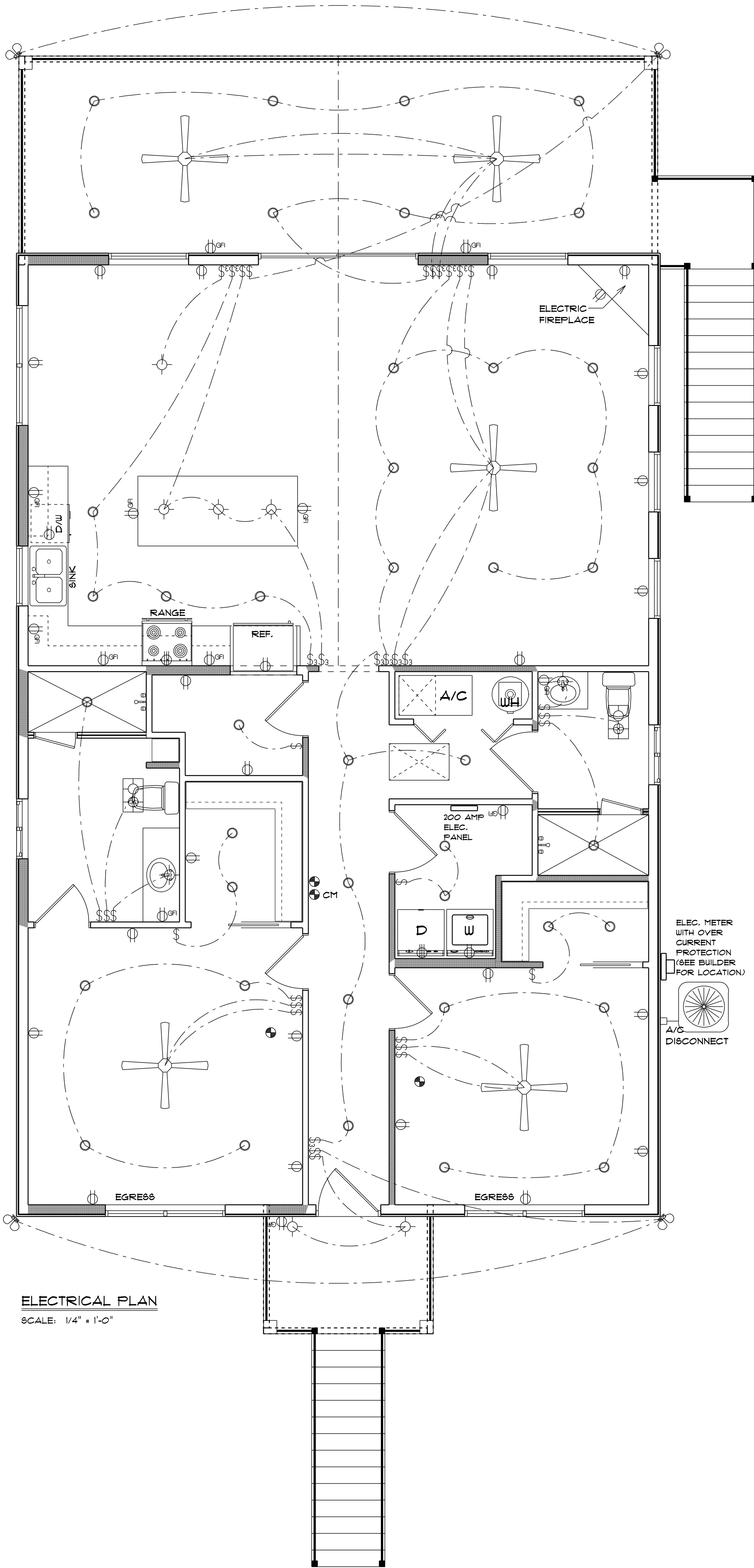
Mark Disosway P.E.
163 SW Midtown Place
Suite 103
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
240334

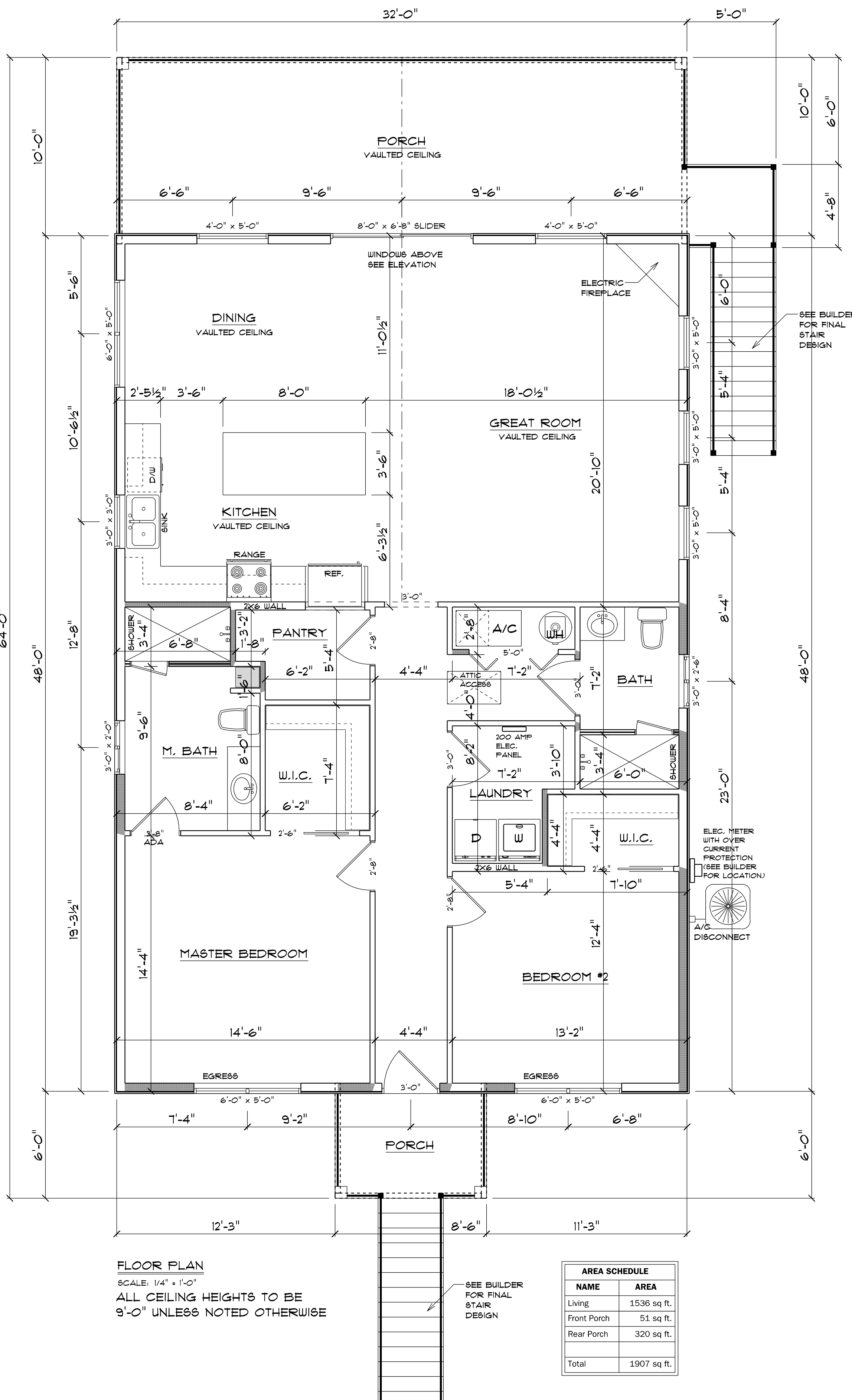
1
OF 6 SHEETS

- ELECTRICAL PLAN NOTES:**
- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-3 ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- E-4 ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 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.
- E-6 ELECTRICAL CONTR SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- E-8 ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- E-9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION.
- E-10 A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING.
- E-11 SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.
- E-12 CARBON MONOXIDE ALARMS SHALL BE REQUIRED WITHIN 10' OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDINGS HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR ATTACHED GARAGE.
- E-13 ALL OUTLETS LOCATED IN RESIDENTIAL TO BE TAMPER-RESISTANT PER NEC.
- E-14 A MINIMUM OF 75% OF PERMANENTLY INSTALLED LAMPS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY FBC EC SEC. R404.1

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2X4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	CARBON MONOXIDE ALARM



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



FLOOR PLAN
SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE

AREA SCHEDULE	
NAME	AREA
Living	1536 sq. ft.
Front Porch	51 sq. ft.
Rear Porch	320 sq. ft.
Total	1907 sq. ft.

Amira Builders
Warren Depree Res.
PROJECT ADDRESS:
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Fort White, FL 32038

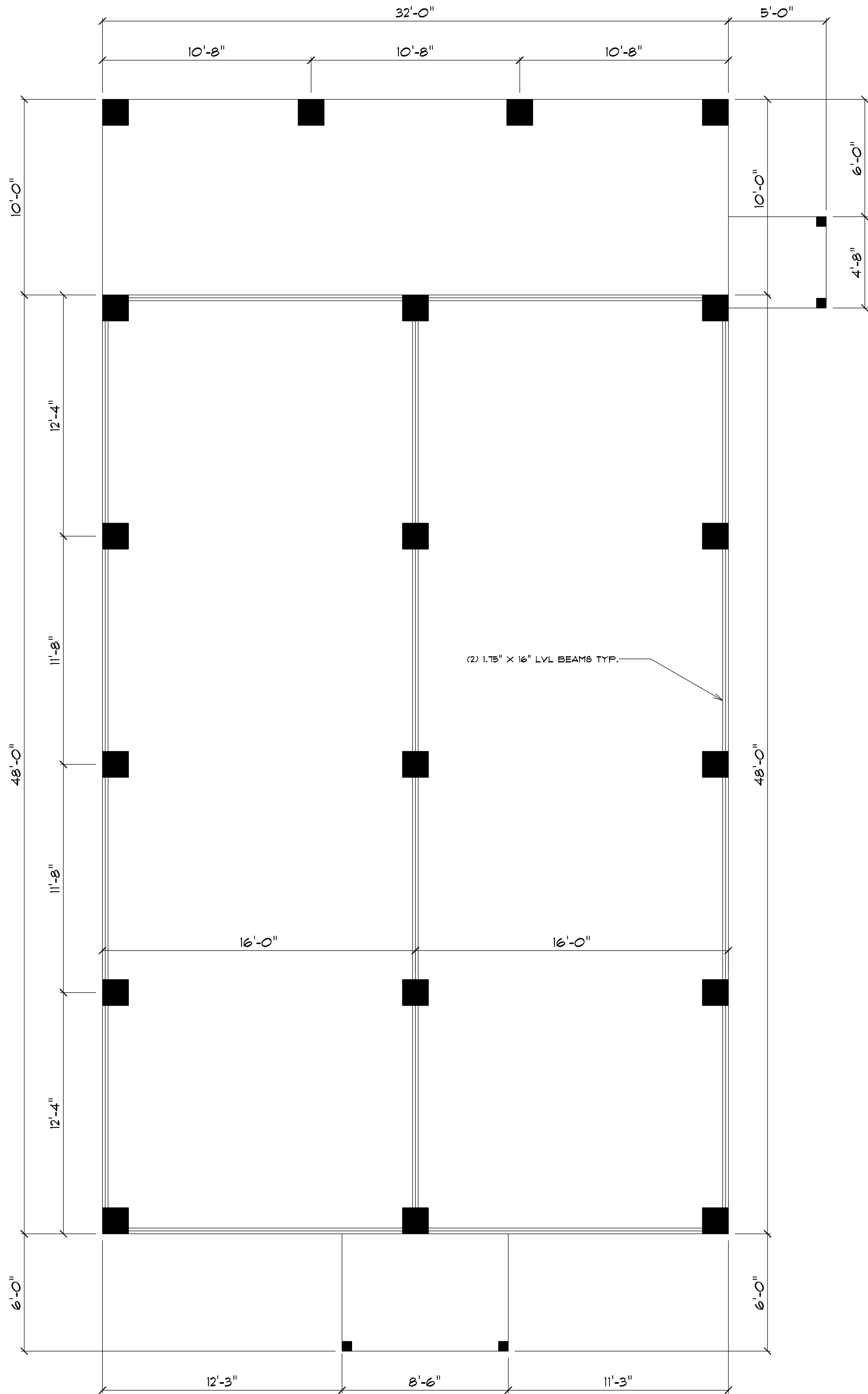
FL PE 53915
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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.
LIMITATION: This design is valid for one building, at specified location.

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JOB NUMBER:
240334

2
OF 6 SHEETS



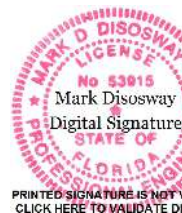
COLUMN LAYOUT
SCALE: 1/4" = 1'-0"

Amira Builders

Warren Depree Res.

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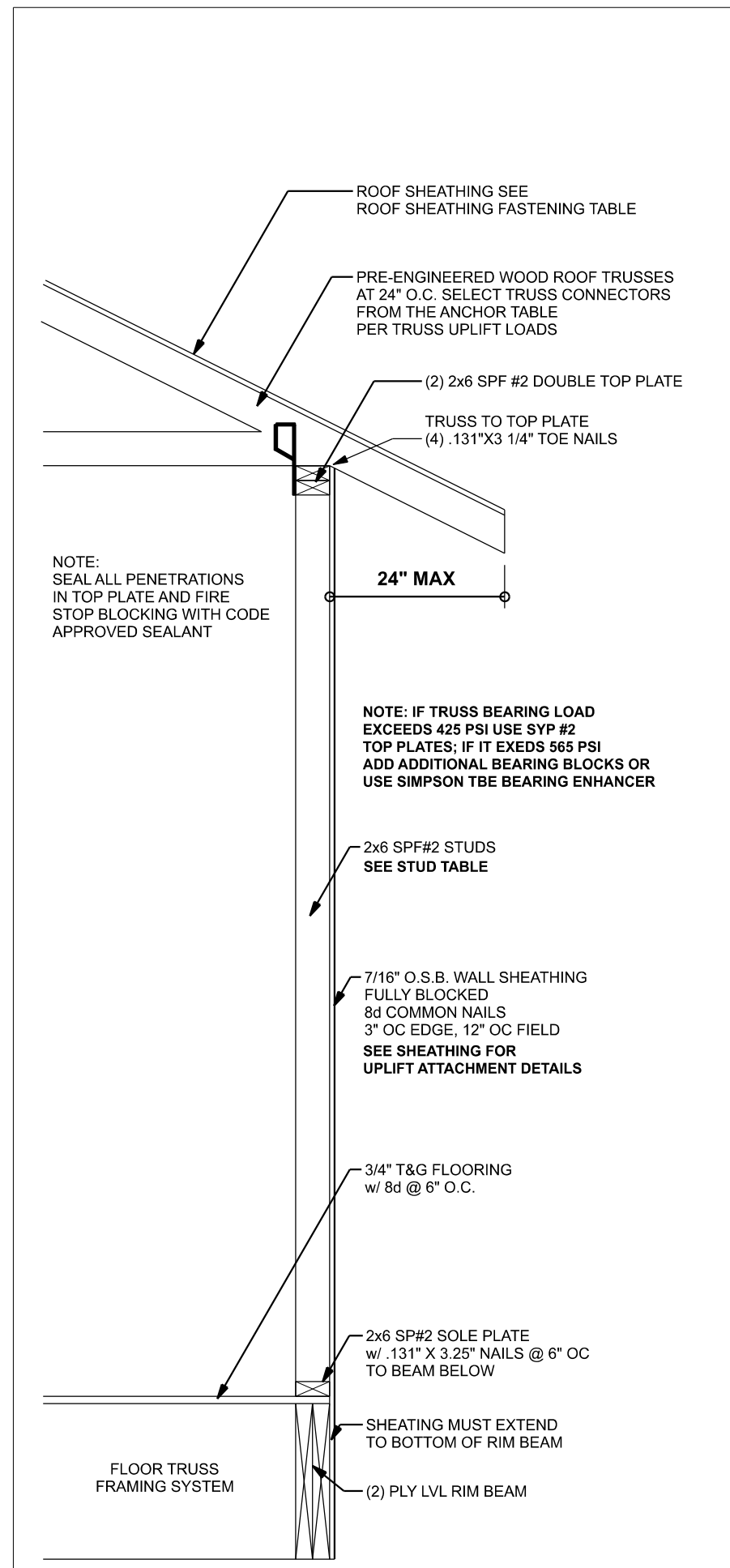
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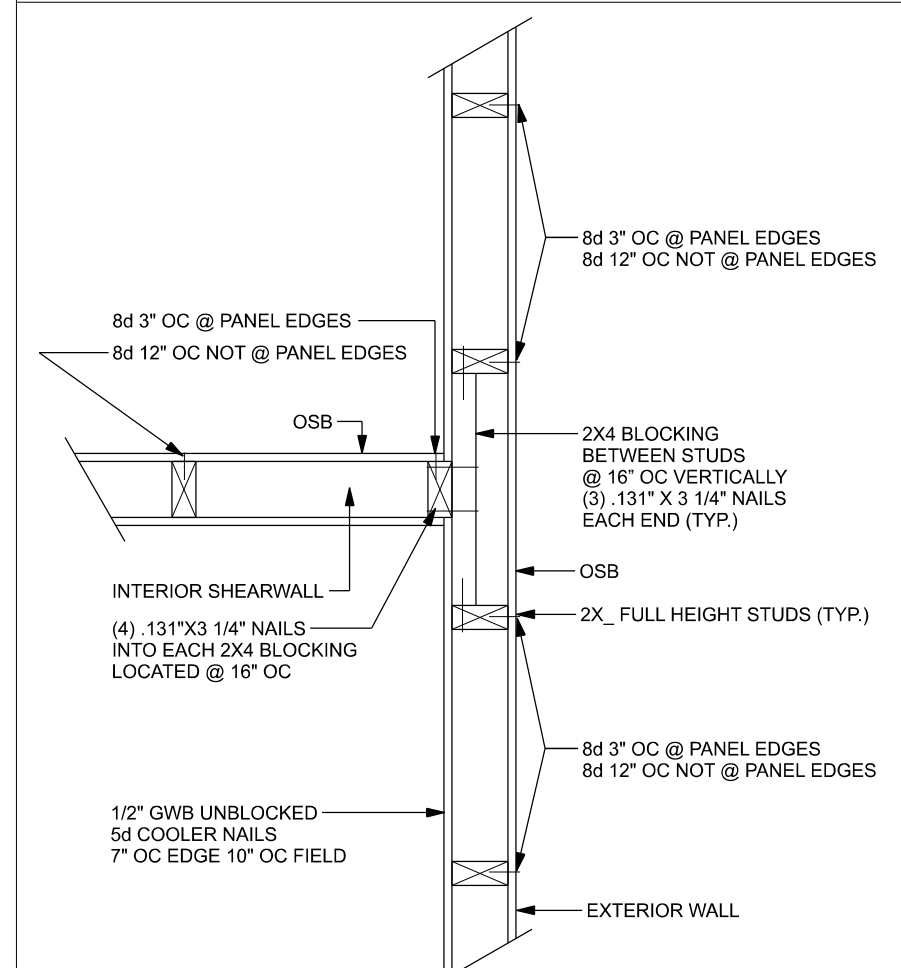
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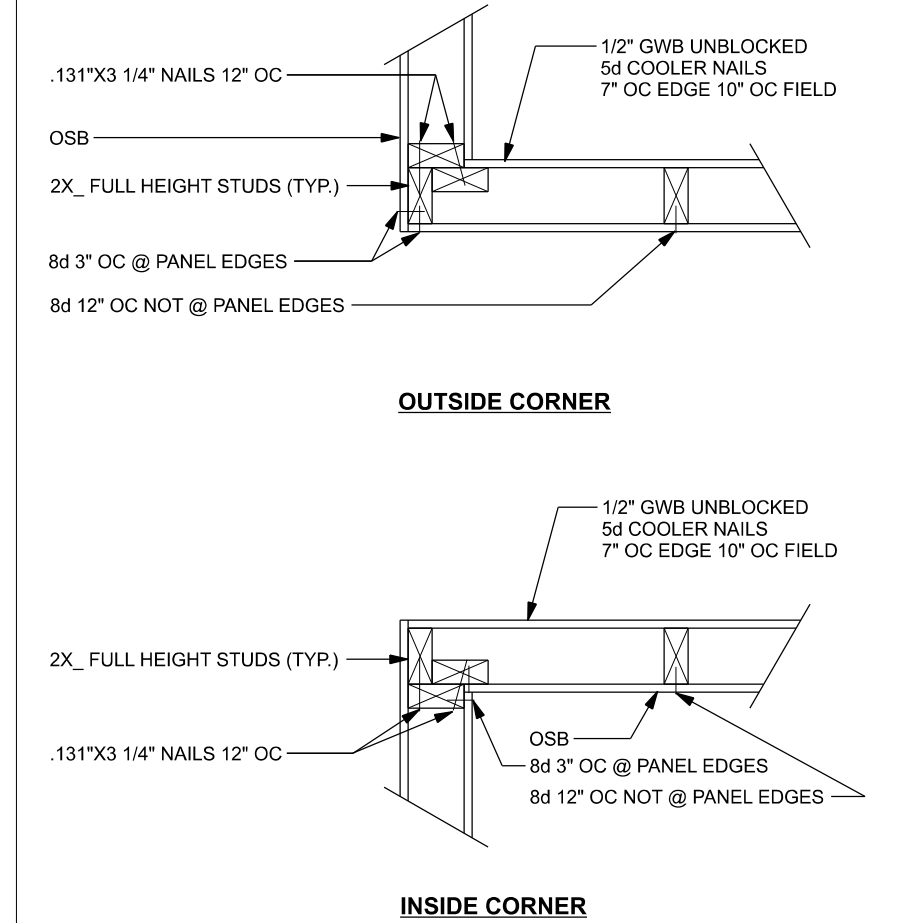
3
OF 6 SHEETS



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



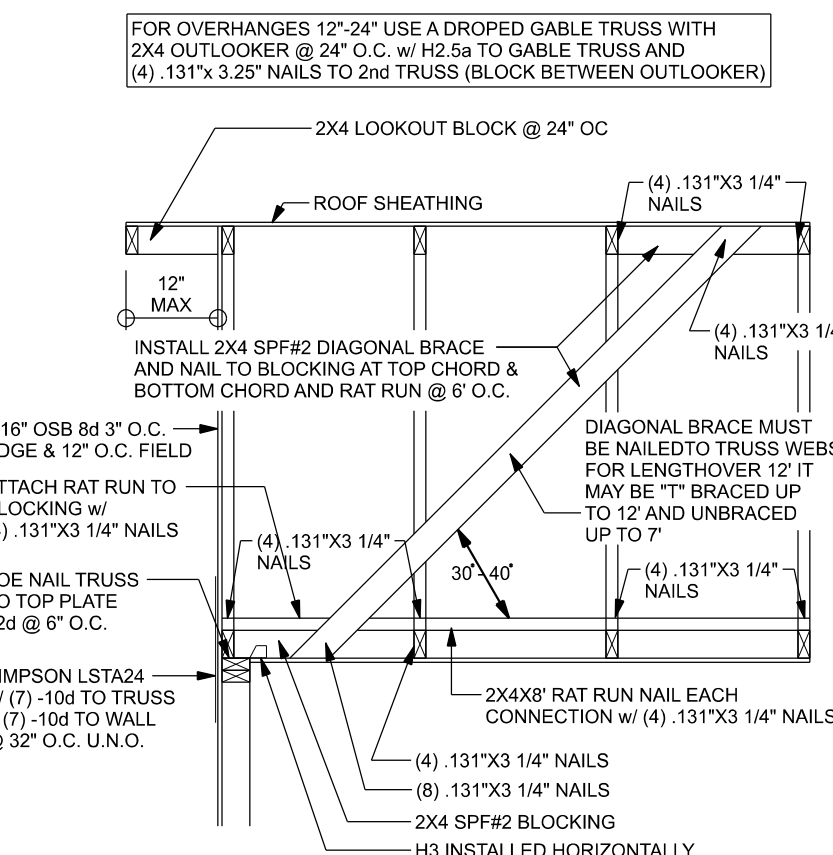
(TYP.) INTERSECTING WALL FRAMING
WOOD FRAME



(TYP.) CORNER FRAMING
WOOD FRAME

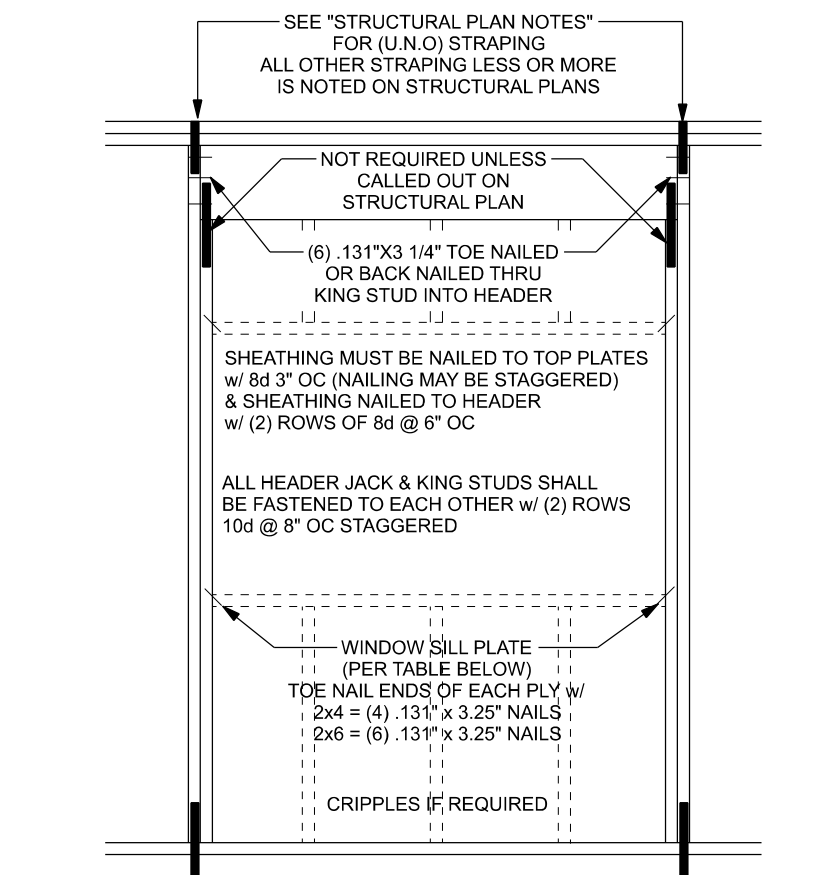
ROOF SHEATHING FASTENING TABLE (RAFTER / TRUSS SG = 0.49)				
Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along panel edges	Nail spacing along intermediate supports in the panel field
120 mph Exp. B	7/16"	ASTM F1667 RSRs-01 (2 3/8" x 0.131")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RSRs-01 (2 3/8" x 0.131")	6" oc	6" oc
130 mph Exp. B	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131") or ASTM F1667 RSRs-04 (3" x 0.120")	6" oc	6" oc
130 mph Exp. C	19/32"	ASTM F1667 RSRs-01 (2 3/8" x 0.131")	6" oc	6" oc
130 mph Exp. D	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131") or ASTM F1667 RSRs-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RSRs-01 (2 3/8" x 0.131")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131") or ASTM F1667 RSRs-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131")	6" oc	6" oc
150 mph Exp. C	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131") or ASTM F1667 RSRs-04 (3" x 0.120")	6" oc	6" oc
150 mph Exp. D	19/32"	ASTM F1667 RSRs-03 (2 1/2" x 0.131")	4" oc	4" oc

Note: For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 8 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field. Note: This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based in the type of roofing material being used. See manufacturer Florida product approval.

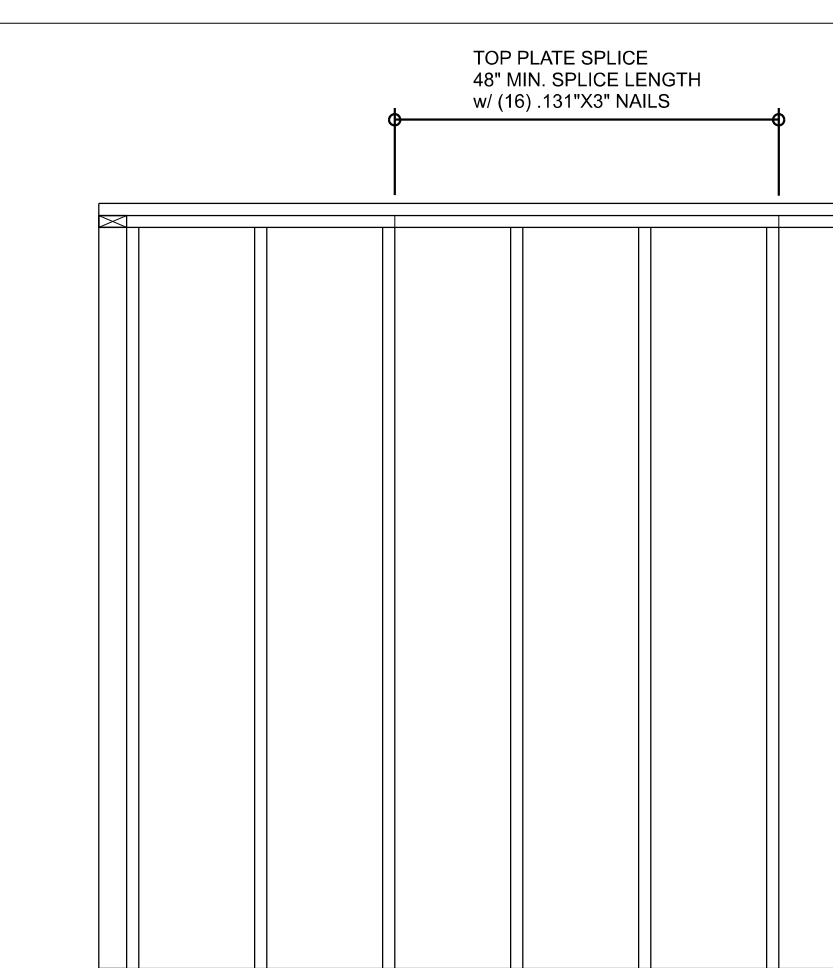


SPACE RAT RUN & DIAGONAL BRACE 6'-0" O.C.
FOR GABLE HEIGHT UP TO 25'-0" 130 MPH, EXP. C, ENCLOSED

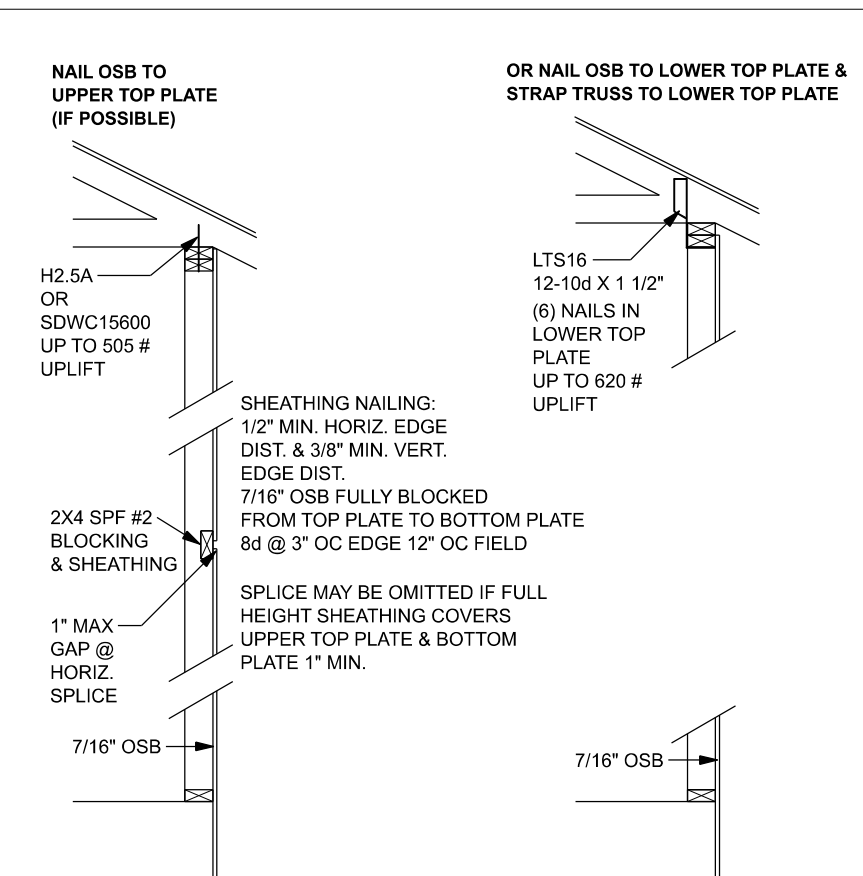
(TYP.) GABLE BRACING DETAIL
WOOD FRAME



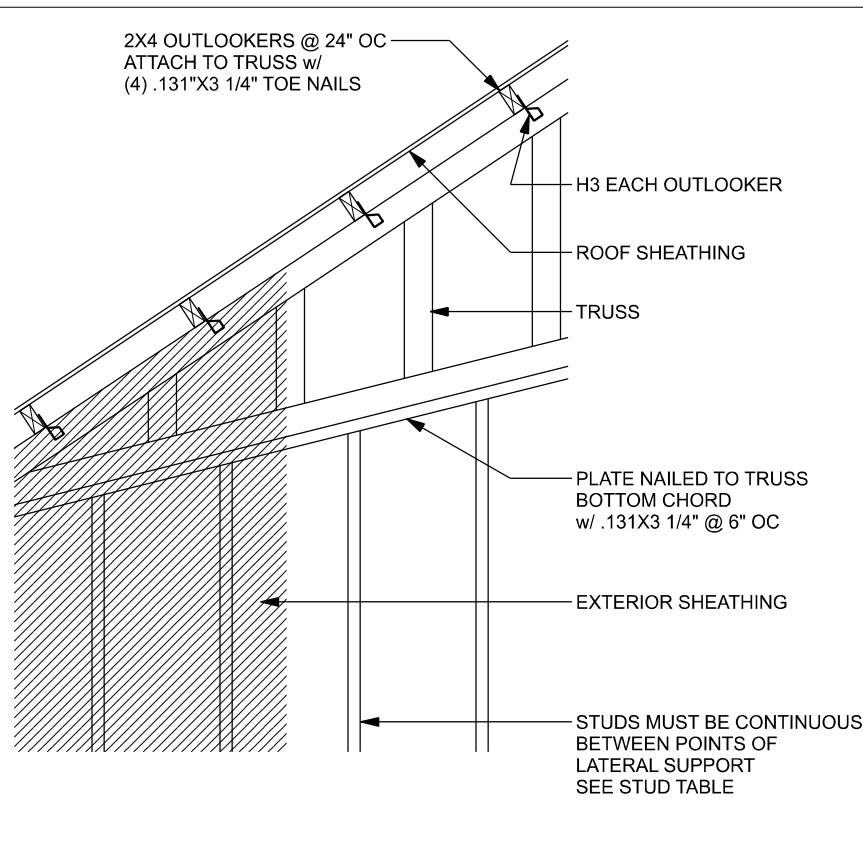
TYPICAL HEADER STRAPING DETAIL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



TYPICAL CMU COLUMN SECTION HOUSE & PORCH
SCALE: 3/4" = 1'-0"

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

HEADER STRAP TABLE

Top Connection	Bottom Connection
SPH4/6	MSTA24, 18-10d stud to rim beam

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT

DESIGN	MAX. SPANS FOR SPF #2	BASED ON WFCM TABLE A-3.20b
WIND SPEED	(1) 2x4 (2) 2x4 (3) 2x6 (4) 2x8	(1) 2x6 (2) 2x6
130 MPH EXP. C	5'-2" 7'-9" 7'-7" 11'-3"	

FOR OTHER WALL HEIGHTS (H) SILL SPAN SHALL BE DIVIDED BY (H/10)

TOP PLATE SPLICE

48" MIN. SPLICE LENGTH w/ (16) 131°X3 1/4" NAILS

NAILING @ TOP PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (2) FOR 2x4 (3) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10

SPL @ CHANGE IN PLATE HEIGHT

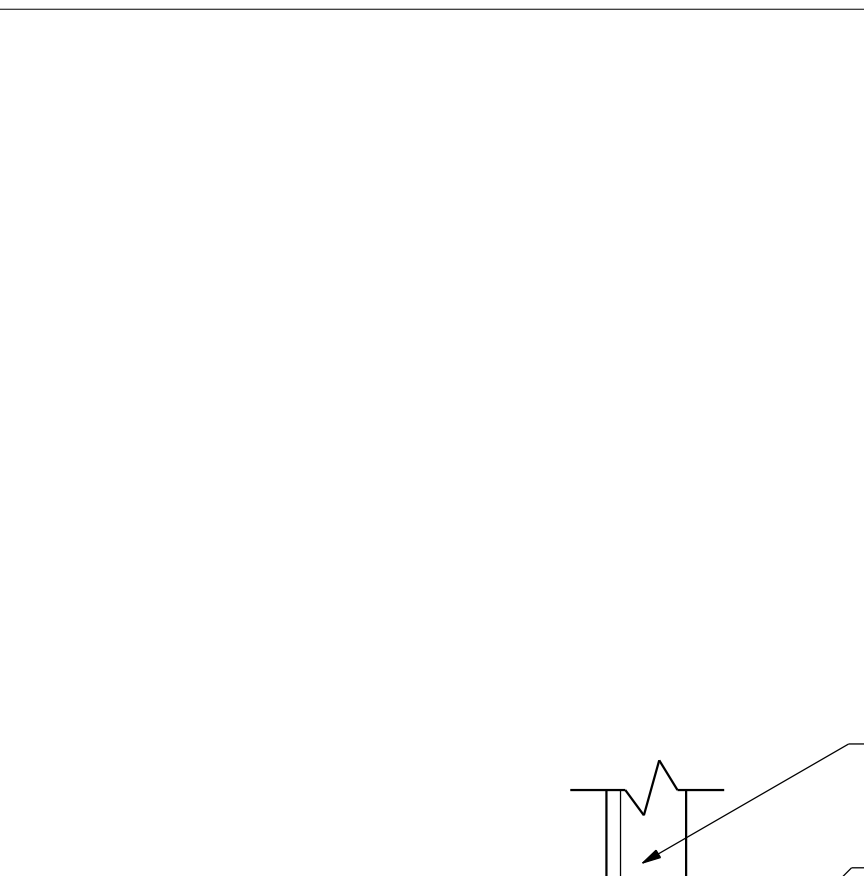
INSTALLED HORIZONTALLY

STUD PACK UNDER POINT LOAD

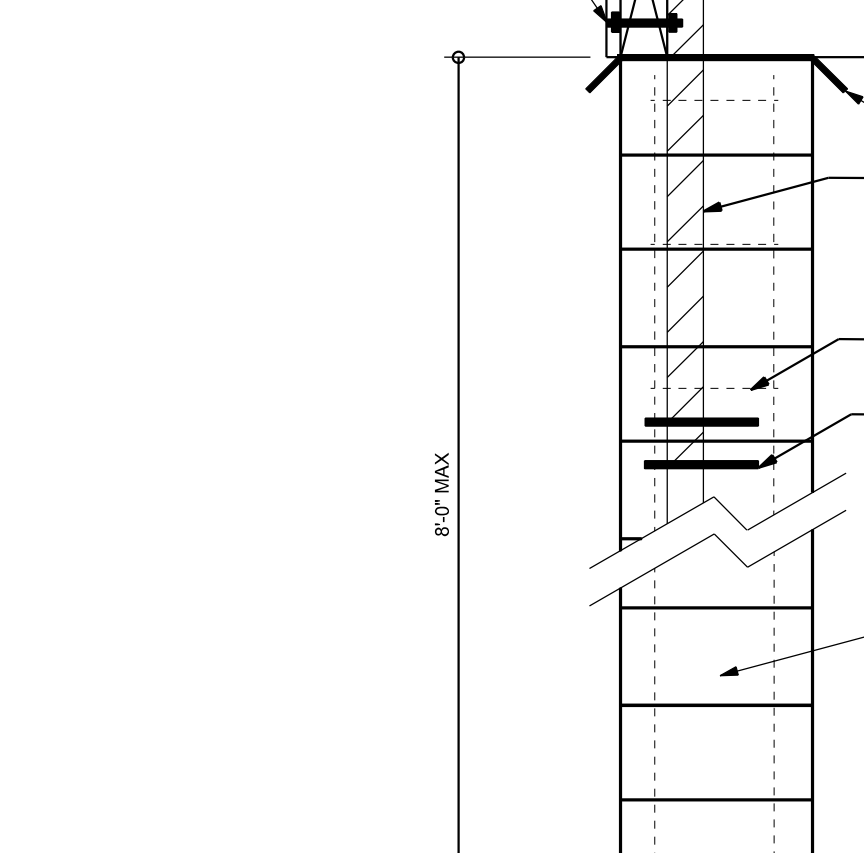
NAIL EACH PLY w/ 131°X3 25" NAILS @ 8" OC STAGGERED

NAILING @ SILL PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (3) FOR 2x4 (4) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



TYPICAL CMU COLUMN SECTION HOUSE & PORCH
SCALE: 3/4" = 1'-0"

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

HEADER STRAP TABLE

Top Connection	Bottom Connection
SPH4/6	MSTA24, 18-10d stud to rim beam

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FOR OTHER WALL HEIGHTS (H) SILL SPAN SHALL BE DIVIDED BY (H/10)

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NAILING @ TOP PLATE TO STUD

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SPL @ CHANGE IN PLATE HEIGHT

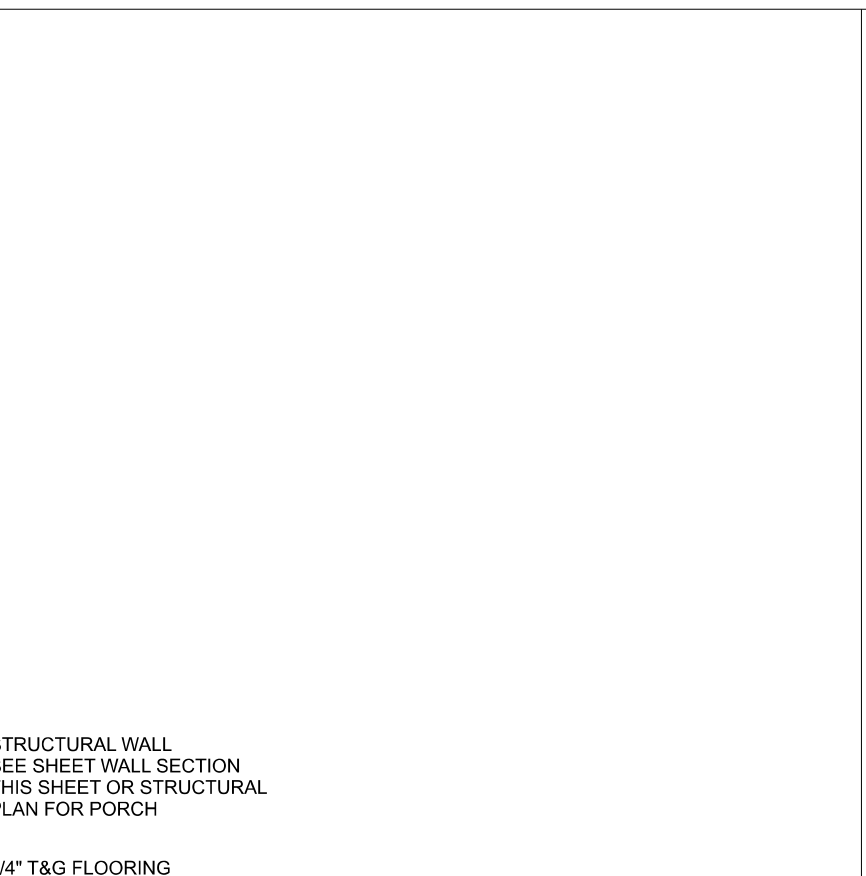
INSTALLED HORIZONTALLY

STUD PACK UNDER POINT LOAD

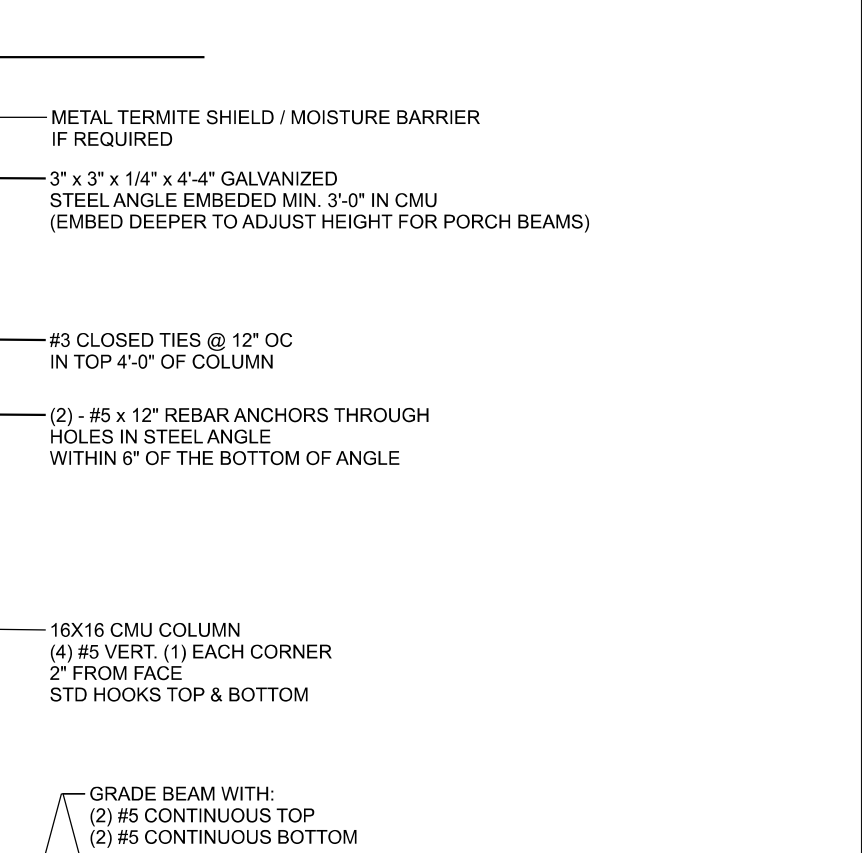
NAIL EACH PLY w/ 131°X3 25" NAILS @ 8" OC STAGGERED

NAILING @ SILL PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (3) FOR 2x4 (4) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



TYPICAL CMU COLUMN SECTION HOUSE & PORCH
SCALE: 3/4" = 1'-0"

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

HEADER STRAP TABLE

Top Connection	Bottom Connection
SPH4/6	MSTA24, 18-10d stud to rim beam

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT

DESIGN	MAX. SPANS FOR SPF #2	BASED ON WFCM TABLE A-3.20b
WIND SPEED	(1) 2x4 (2) 2x4 (3) 2x6 (4) 2x8	(1) 2x6 (2) 2x6
130 MPH EXP. C	5'-2" 7'-9" 7'-7" 11'-3"	

FOR OTHER WALL HEIGHTS (H) SILL SPAN SHALL BE DIVIDED BY (H/10)

TOP PLATE SPLICE

48" MIN. SPLICE LENGTH w/ (16) 131°X3 1/4" NAILS

NAILING @ TOP PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (2) FOR 2x4 (3) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10

SPL @ CHANGE IN PLATE HEIGHT

INSTALLED HORIZONTALLY

STUD PACK UNDER POINT LOAD

NAIL EACH PLY w/ 131°X3 25" NAILS @ 8" OC STAGGERED

NAILING @ SILL PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (3) FOR 2x4 (4) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10

CONNECTOR TABLE				
Uplift SP	Uplift SPF	Truss Connector	To Plate	To Truss/Rafter
805	505	SDWC15600		
400	260	H3	4-131°x1 1/2"	4-131°x1 1/2"
825	540	H2.5A	5-131°x1 1/2"	5-131°x1 1/2"
1040	1015	H10A	9-148°x1 1/2"	9-148°x1 1/2"
645	515	LTS12-20	6-148°x1 1/2"	6-148°x1 1/2"
990	850	STS12-30	7-148°x1 1/2"	7-148°x1 1/2"
1415	1215	HTS20-30	8-148°x1 1/2"	8-148°x1 1/2"
1235	1235	LSTA21	8-148°x1 1/2"	8-148°x1 1/2"
1640	1460	MSTA24	9-148°x1 1/2"	9-148°x1 1/2"
1030	1030	CS20	7-148°x1 1/2"	7-148°x1 1/2"
Uplift SP	Uplift SPF	Strap Ties	To One Member	To Other Member
1235	1235	LSTA21	8-148°x1 1/2"	8-148°x1 1/2"
1640	1460	MSTA24	9-148°x1 1/2"	9-148°x1 1/2"
1415	1215	HTS20-30	8-148°x1 1/2"	8-148°x1 1/2"
Uplift SP	Uplift SPF	Post Plate Ties	To Stud	To Plate
555	555	SP1	4-148°x3"	4-148°x3"
1010	605	SP2	6-148°x3"	6-148°x3"
1280	1100	SPH4/6	12-148°x1 1/2"	wrap under or over plate
771	771	LSTA24	10-148°x1 1/2"	wrap under or over plate
1235	1235	LSTA24	14-148°x1 1/2"	wrap under or over plate
Uplift SP	Uplift SPF	Holdowns @ Stemwall	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18-162°x2 1/2"	1/2"x12" Titen HD
Uplift SP	Uplift SPF	Holdowns @ Mono	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18-162°x2 1/2"	1/2"x12" Titen HD
Uplift SP	Uplift SPF	Post Bases @ Stemwall	To Post	Anchor
1900	ABU44Z	ABU44Z	12-162°x3 1/2"	5/8"x12" Drill & Epoxy
2475	ABU66Z	ABU66Z	12-162°x3 1/2"	5/8"x7" Drill & Epoxy

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)

(1) 2x4 @ 16" OC	TO 10'-1" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 11'-2" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 15'-7" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 17'-3" STUD HEIGHT
(1) 2x8 @ 16" OC	TO 22'-0" STUD HEIGHT

GRADE & SPECIES TABLE

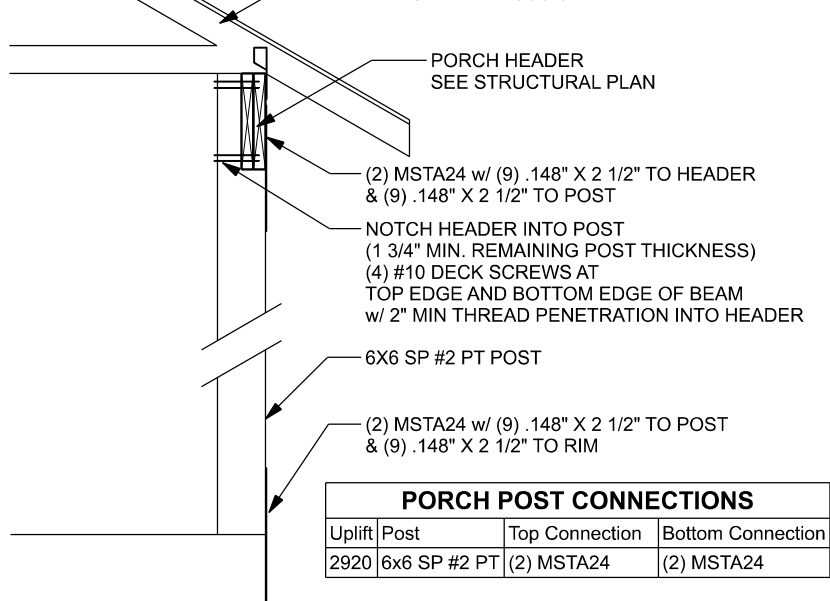
	SP #2	Fb	E
2x8		925	1.4
2x10		800	1.4
2x12		750	1.4
GLB	24F-V3 SP	2600	1.9
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2950	2.0
PSL	PARALAM	2900	2.0

ROOF SYSTEM DESIGN:

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCL, IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FIBER REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED SHEETS.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL

TYPICAL CMU COLUMN SECTION HOUSE & PORCH
SCALE: 3/4" = 1'-0"



(TYP.) PORCH POST
ONE STORY WOOD

(TYP.) PORCH POST
ONE STORY WOOD

HEADER STRAP TABLE

Top Connection	Bottom Connection
SPH4/6	MSTA24, 18-10d stud to rim beam

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT

DESIGN	MAX. SPANS FOR SPF #2	BASED ON WFCM TABLE A-3.20b
WIND SPEED	(1) 2x4 (2) 2x4 (3) 2x6 (4) 2x8	(1) 2x6 (2) 2x6
130 MPH EXP. C	5'-2" 7'-9" 7'-7" 11'-3"	

TOP PLATE SPLICE

48" MIN. SPLICE LENGTH w/ (16) 131°X3 1/4" NAILS

NAILING @ TOP PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (2) FOR 2x4 (3) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10

SPL @ CHANGE IN PLATE HEIGHT

INSTALLED HORIZONTALLY

STUD PACK UNDER POINT LOAD

NAIL EACH PLY w/ 131°X3 25" NAILS @ 8" OC STAGGERED

NAILING @ SILL PLATE TO STUD

END NAIL OR TOE NAIL 131°X3 1/4" NAILS (3) FOR 2x4 (4) FOR 2x6 (5) FOR 2x8 (6) FOR 2x10

GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCL. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN. UPLIFT CONNECTION 415LB EACH END, 2X6 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN.

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1500 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE).

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F_c = 2500 PSI.

WELED WIRE REINFORCED SLAB: 6" x 6" W14 x W14, F_y = 80ksi, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A185, LOCATED IN MIDDLE OF THE SLAB, SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 12 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1118. SUPPLIER TO PROVIDE ASTM C 1118 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1:5 AND TYPICAL SPACING OF CUTS TO BE LEFT. DO NOT CUT W/WW OR REINFORCING STEEL (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL). THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A615, GRADE 40, DEFORMED BARS, F_y = 40 KSI. ALL LAP SPLICES 40" DB (25" FOR #5 BARS). UNO, ALL REINFORCEMENT SHALL BE DETAIL AND PLACED IN ACCORDANCE WITH 318-56, UNO.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL. DIAPHRAGMS, SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED.

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES. MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 10" IN GROUTED CMU.

BUILDER'S RESPONSIBILITY: THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK. CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE. PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCL REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

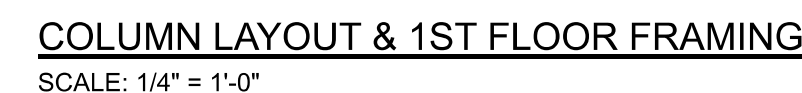
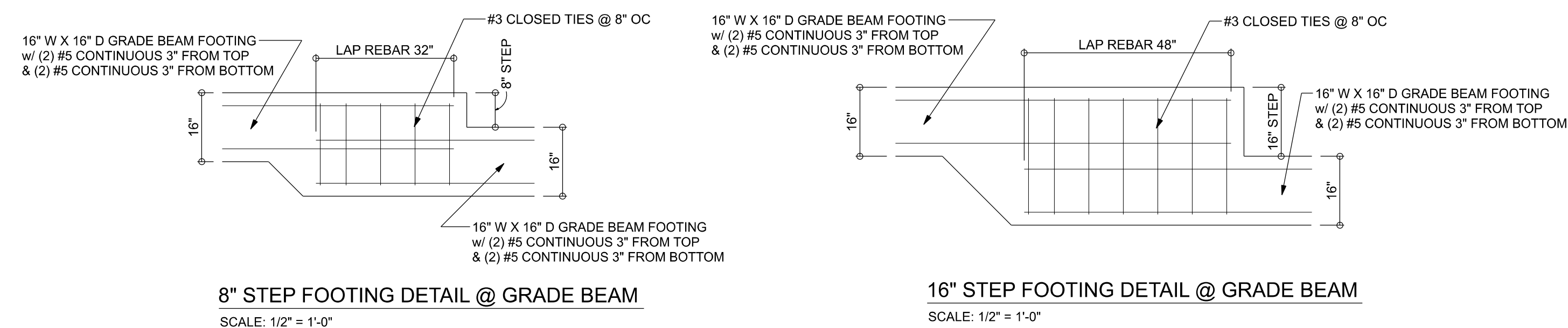
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FL PE 53915

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DIMENSIONS: Standard dimensions supercede scaled dimensions. Refer all questions to Mark Disoway P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan and that the applicable portions of the plan relating to wind engineering comply with the 9th Edition Florida Building Code Residential (FBC-R) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

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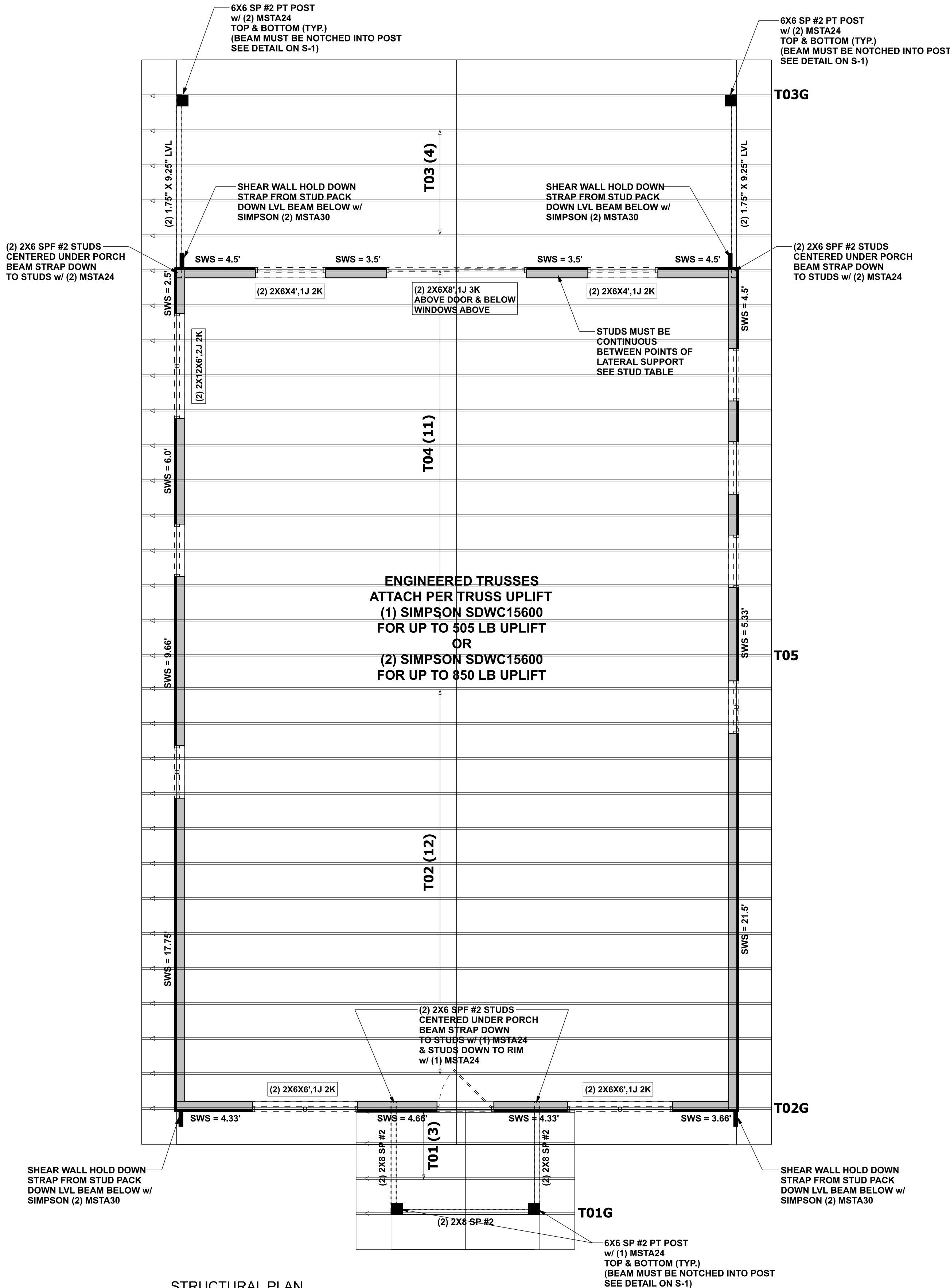
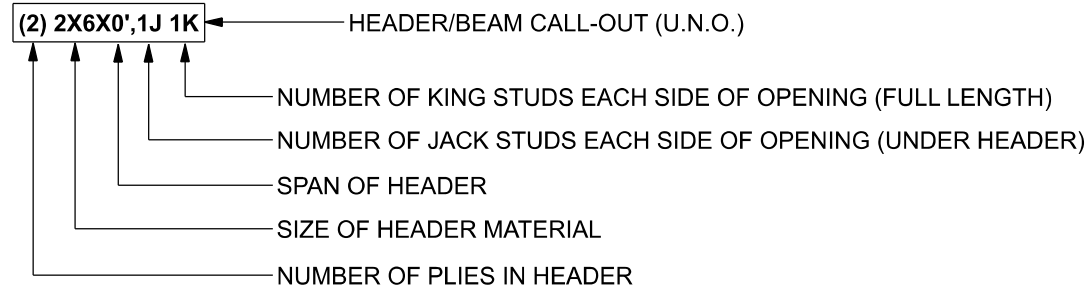
S-2

OF 6 SHEETS

UNLESS NOTED OTHERWISE (MINIMUM REQUIERMENTS) ***SEE STRUCTURAL PLAN FOR ANY SPECIFIC CALL OUTS***	
BEAM / HEADERS (SIZE)	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (UNO)
HEADERS (JACK & KING STUDS)	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNO)
HEADERS (STRAPING)	ALL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) SPH @ TOP OF WALL & (1) MSTA24 STRAP TO RIM BEAM BOTTOM
JACK STUDS UNDER GIRDER TRUSS	USE ONE JACK STUD GIRDER SUPPORT PER 2000 LB LOAD

ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	13365 LBF	16137 LBF
REQUIRED	12955 LBF	5560 LBF

HEADER LEGEND



STRUCTURAL PLAN

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

STRUCTURAL PLAN NOTES

SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

SN-2 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03. BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

Amira Builders

Warren Depree Res.

PROJECT ADDRESS:
1130 SW Bluff Drive
Fort White, FL 32038

FL PE 53915

This item has been digitally signed and sealed by Mark Disosway P.E. on digital signature date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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S-3
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