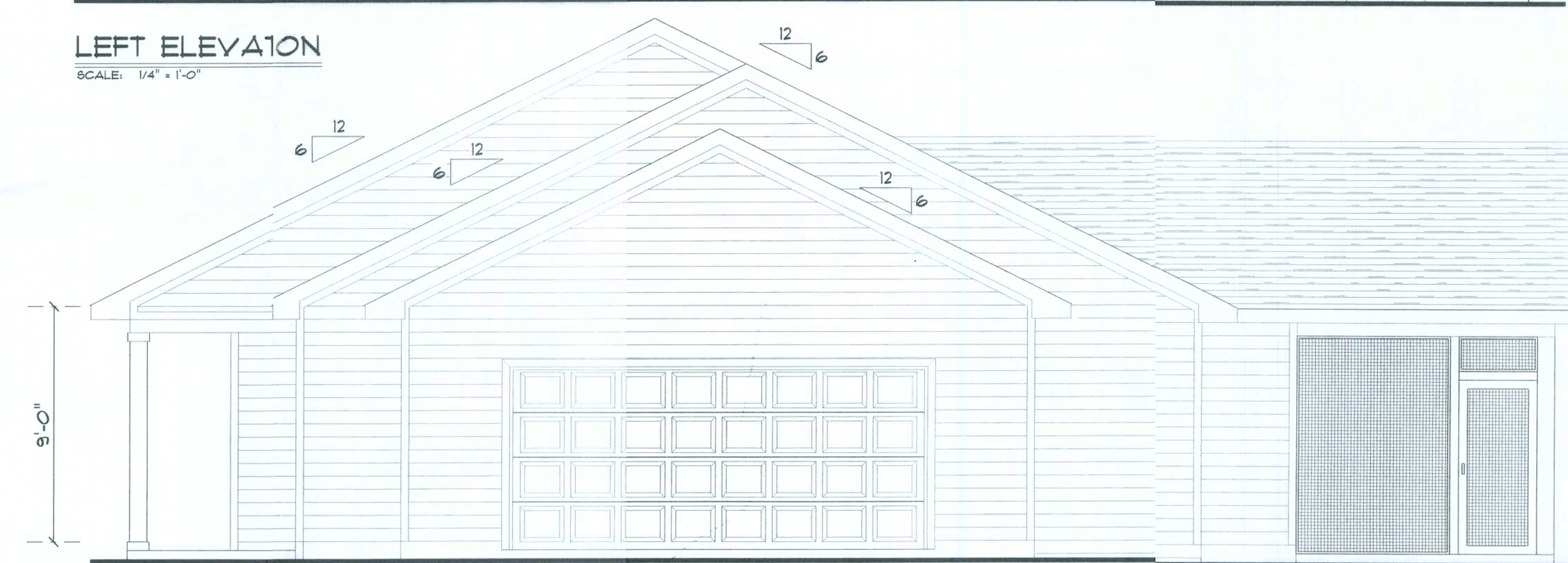


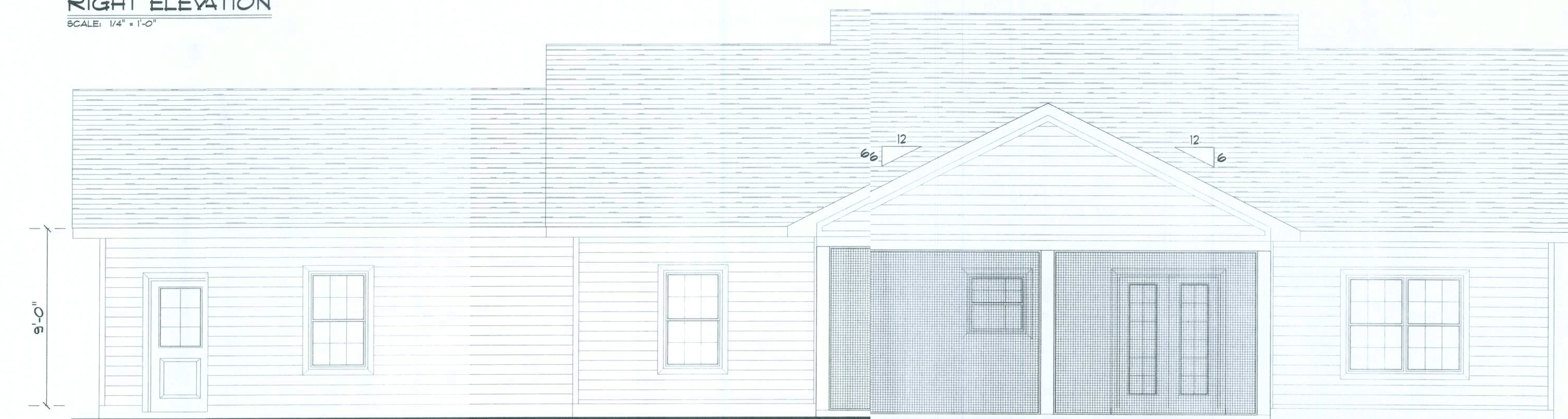
**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"



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

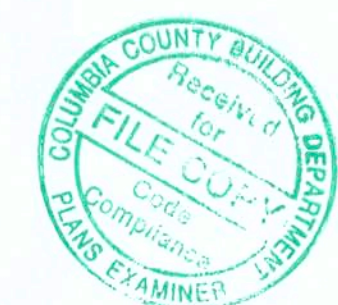


**RIGHT ELEVATION**  
SCALE: 1/4" = 1'-0"



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

**ROOF VENTILATION:**  
R802.2 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 60 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.



Eddley Construction

Charles & Beth Matukaus Res.

PROJECT ADDRESS:  
Lot 8 Meadow Wood S/D  
Columbia County, FL

**DIMENSIONS:**  
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disosway, 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 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.  
**LIMITATION:** This design is valid for one building, at specified location.

MARK DISOSWAY P.E. 53915

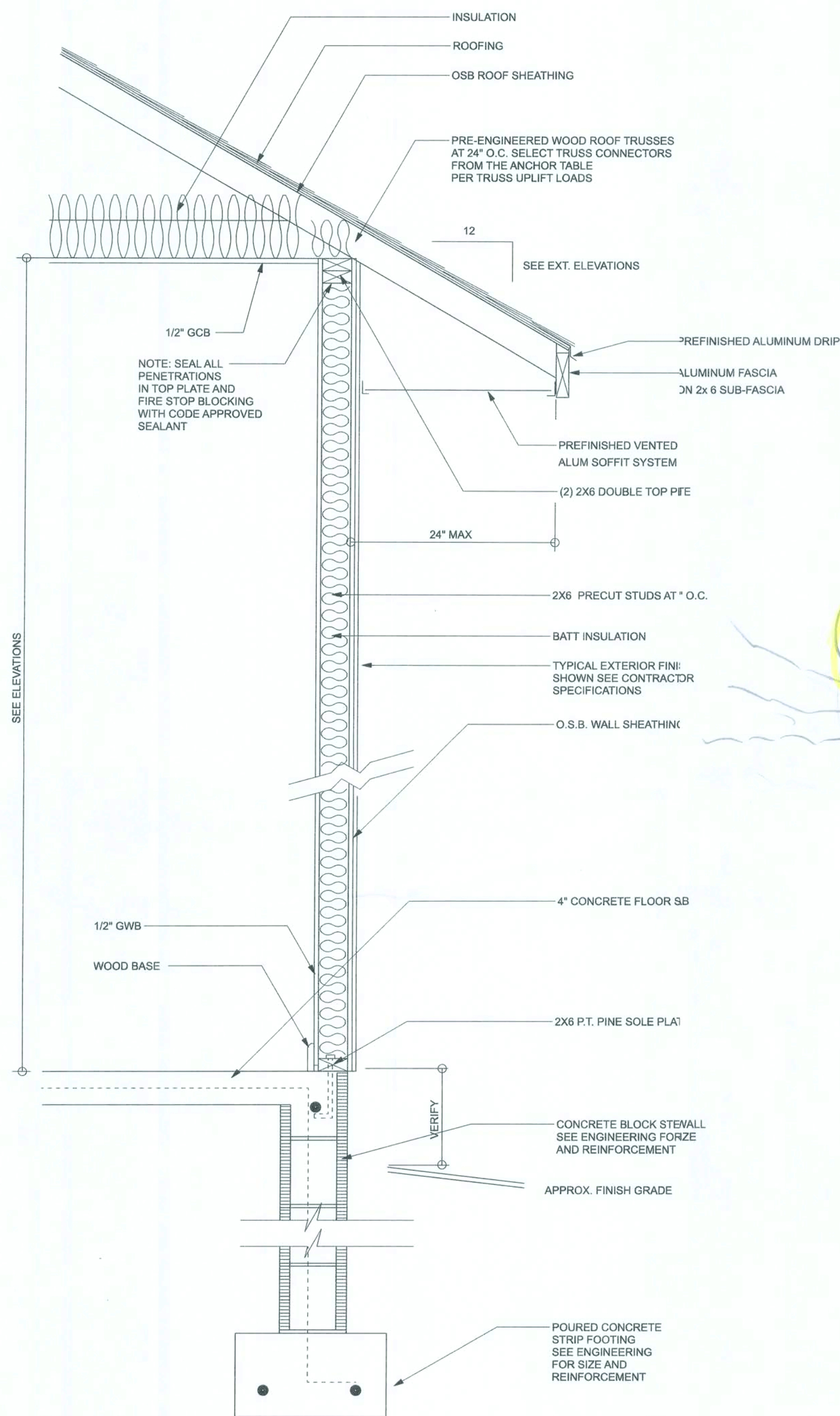


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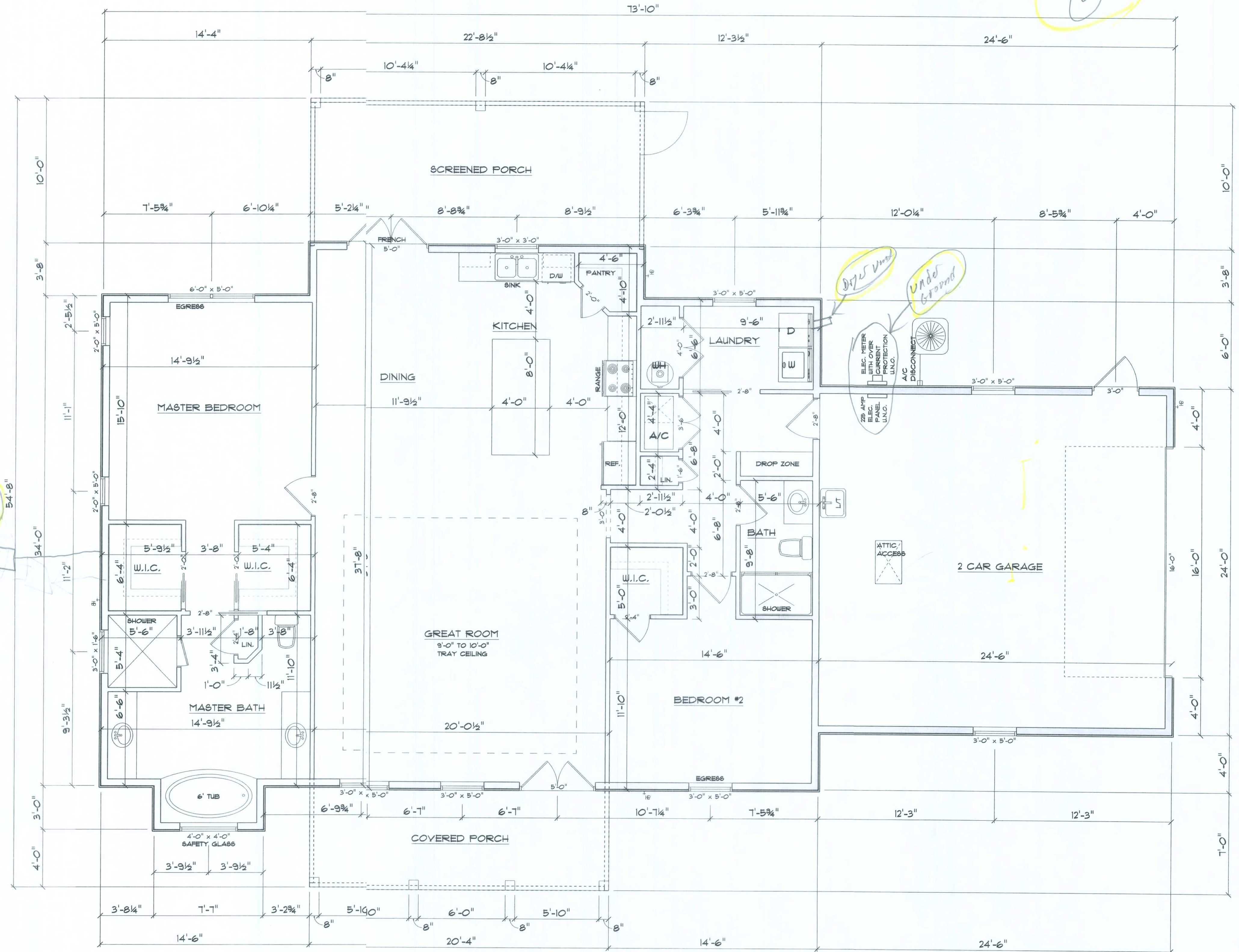
1  
OF 6 SHEETS





**TYPICAL DESIGN WALL SECTION  
NON - STRUCTURAL DATA**

SCALE: 1\"/>



**FLOOR PLAN**

SCALE: 1/4\"/>

ALL CEILING HEIGHTS TO BE 9'-0\"/>

**R302.5.1 Opening protection:**

Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches thick, or 20-minute fire-rated doors, equipped with a self-closing device.

**TABLE R302.6 DWELLING/GARAGE SEPARATION:**

SEPARATION	MATERIAL
From the residence and attic	Not less than 1/2-inch gypsum board or equivalent applied to the garage side
From all habitable rooms above the garage	Not less than 5/8-inch Type X gypsum board or equivalent
Structure(s) supporting floor/ceiling assemblies used for separation required by this section	Not less than 1/2-inch gypsum board or equivalent
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area

AREA SCHEDULE	
NAME	AREA
Living	1,783.3 sq. ft.
Garage	588 sq. ft.
Front Porch	142.3 sq. ft.
Rear Porch	227.1 sq. ft.
Total	2,740.7 sq. ft.

Edgley Construction

Charles & Beth Waukauis Res.

PROJECT ADDRESS:  
Lot 9 Meadow Wood S/D  
Columbia County, FL

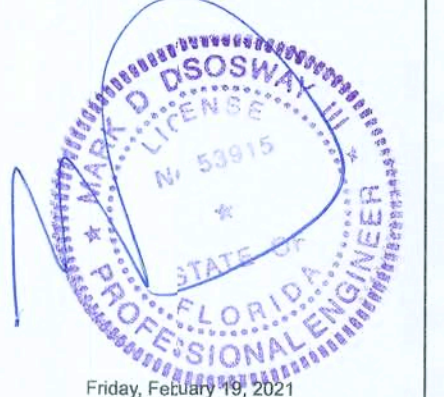
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**LIMITATION:** This design is valid for one building, at specified location.

MARK DISOSWAY P.E. 53915



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JOB NUMBER:  
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2

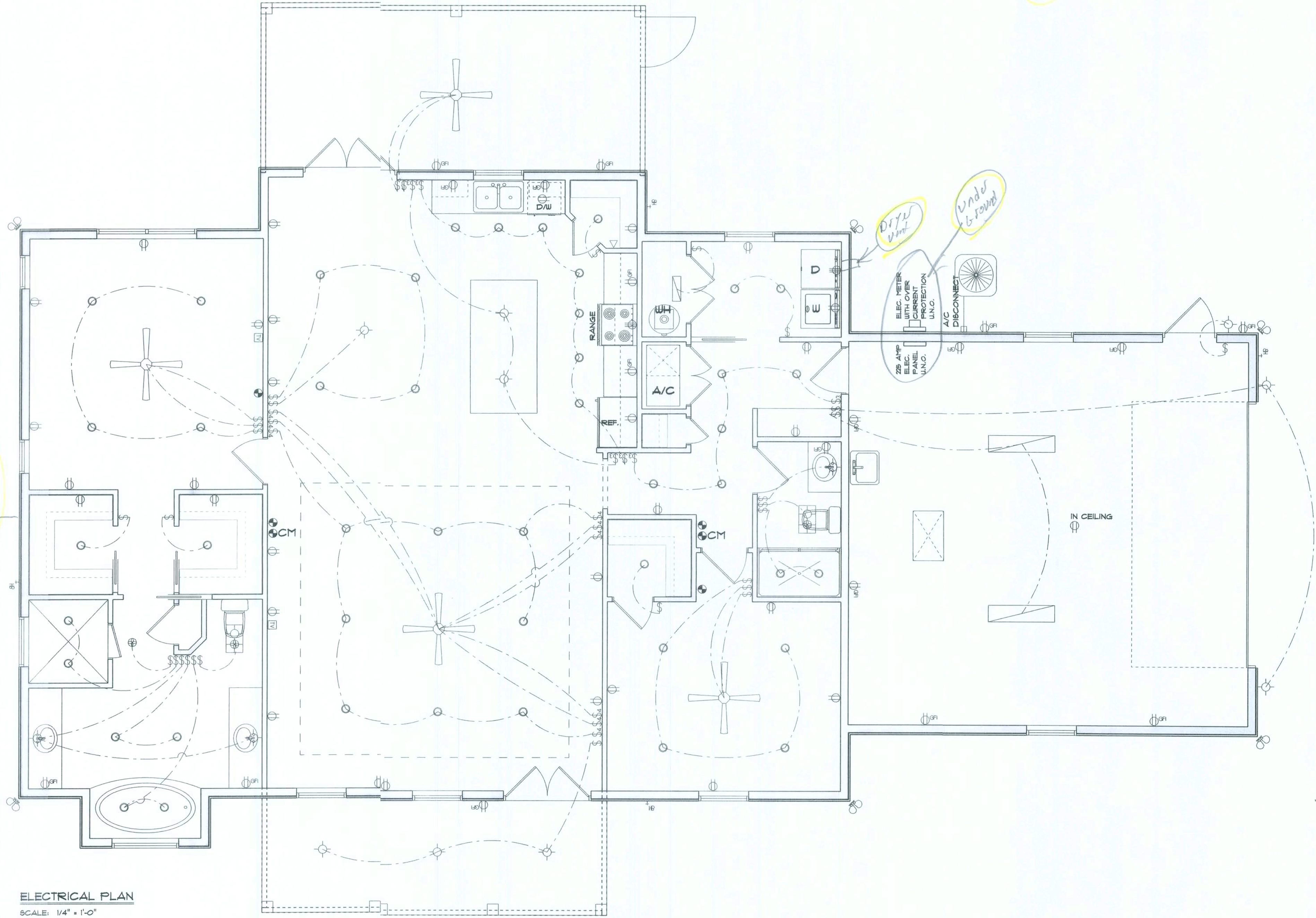
OF 6 SHEETS



ELECTRICAL PLAN NOTES:	
E - 1	WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUMENT PER MANUF. SPECIFICATIONS.
E - 2	CONSULT THE OWNER FOR THE NUMBER OF SEPERE 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 TI DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCTS.
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 BRNCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT MILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED GFCI CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PVIDE 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, ONE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING. SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.
E - 11	CARBON MONOXIDE ALARMS SHALL BE REQUIRED WHIN 10' OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDIS HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A REFRIG., OR ATTACHED GARAGE.
E - 12	ALL OUTLETS LOCATED IN RESIDENTIAL TO BE TAMPER-RESISTANT PER NEC.
E - 13	A MINIMUM OF 75% OF PERMANENTLY INSTALLED LAIS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY FBC BSEC. R404.1

ELECTRICAL LEND	
	CEILING FAN (PRE-WIRE FOR LIT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIT
	BATH EXAUST FAN WITH LIGHT
	BATH EXAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLE
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITC
	4 WAY WALL SWITC
	WATER PROOF GFUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPER
	CARBON MONOXIDALARM

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



Edgley Construction

Charles & Beth Matukakis Res.

PROJECT ADDRESS:  
Lot 3 Meadow Wood SD  
Columbia County, FL

DIMENSIONS:  
Stated dimensions spercode scaled dimensions. Refer alqestions to Mark Disosway, P.E. or 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, slding to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

MARK DISISWAY P.E. 53815

Friday, January 19, 2021

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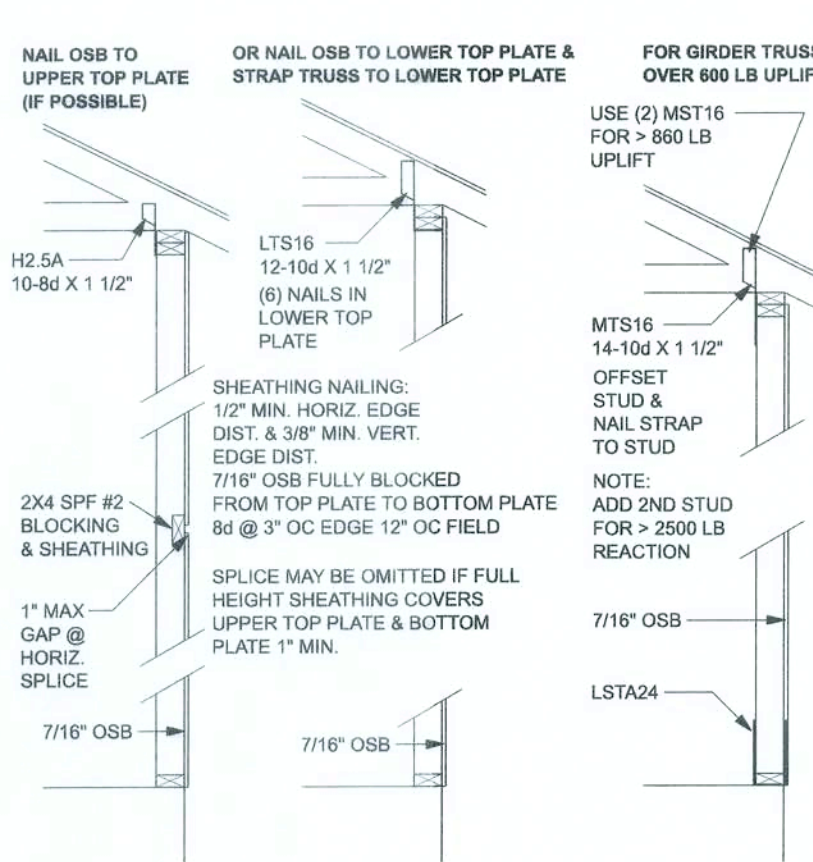
JOB NUMBER:  
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3  
OF 63 SHEETS



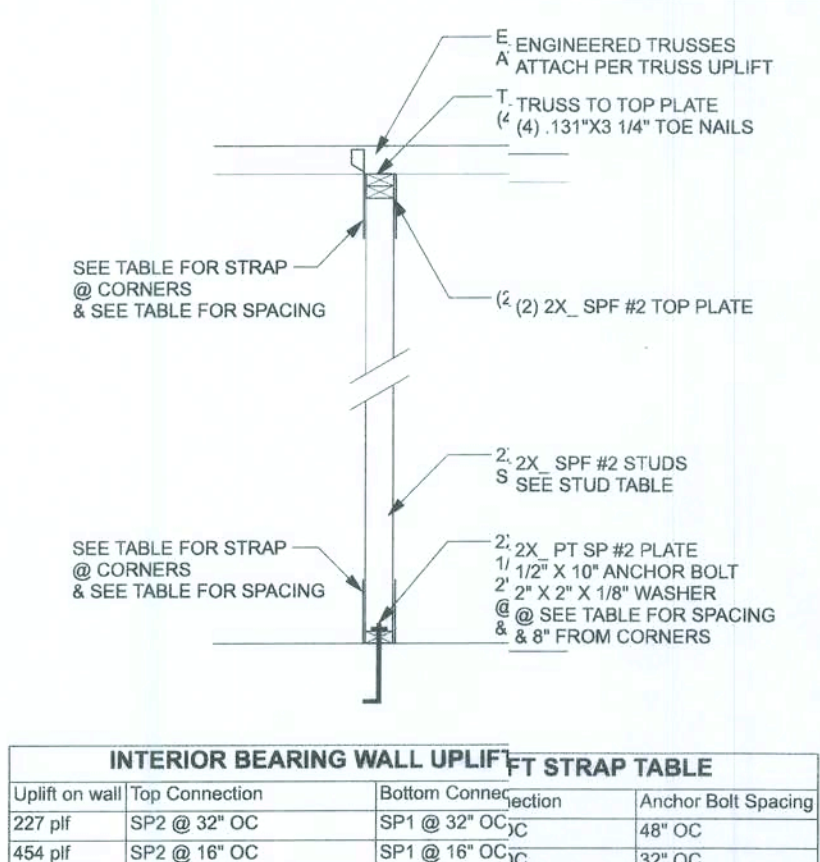
ROOF SHEATHING FASTENING TABLE (RAFTER / TRSS SG = 0.49)				
Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along panel edges	ii spacing intermediate joints in the panel field
120 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2.38" x 0.131")	6" oc	oc
120 mph Exp. C	7/16"	ASTM F1667 RRS-01 (2.38" x 0.131")	6" oc	oc
120 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2.12" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	oc
130 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2.38" x 0.131")	6" oc	oc
130 mph Exp. C	15/32"	ASTM F1667 RRS-01 (2.38" x 0.131")	6" oc	oc
130 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2.12" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	oc
140 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2.38" x 0.131")	6" oc	oc
140 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2.12" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	oc
140 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2.12" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	oc
160 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2.12" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	oc

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



### SHEATHING FOR UPLIFT ATTACHMENT DETAILS

ONE STORY WOOD FRAME



### INTERIOR BEARING WALL UPLIFT STRAP TABLE

ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

CONNECTOR TABLE			
Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
575	495	H2.5A	5-8x1 1/2"
1340	1015	H10A	9-10d1 1/2"
1220	620	LTS12-20	6-10d1 1/2"
1000	860	MTS12-30	7-10d1 1/2"
1450	1245	HTS20-30	12-10d1 1/2"
Uplift SP	Uplift SPF	Strap Ties	To One Member
1235	1235	LSTA21	8-10d
1640	1455	MSTA24	9-10d
1030	1030	CS20	7-10d
Uplift SP	Uplift SPF	Stud Plate Ties	To Stud
585	535	SP1	6-10d
1065	605	SP2	6-10d
771	771	LSTA24	10-10d
1235	1235	LSTA24	14-10d
Uplift SP	Uplift SPF	Holdowns @ Stenwall	To Stud / Post
1625	1800	DT122	8-SDS 1/4"x1 1/2"
4235	3640	HTT4	18-16d2 1/2"
Uplift SP	Uplift SPF	Holdowns @ Mono	To Stud / Post
1825	1800	DT122	8-SDS 1/4"x1 1/2"
4235	3640	HTT4	18-16d2 1/2"
Uplift SP	Uplift SPF	Post Bases @ Stenwall	To Post
2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d
Uplift SP	Uplift SPF	Post Bases @ Mono	To Post
2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d

### 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.)

Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
575	495	H2.5A	5-8x1 1/2"
1340	1015	H10A	9-10d1 1/2"
1220	620	LTS12-20	6-10d1 1/2"
1000	860	MTS12-30	7-10d1 1/2"
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Uplift SP	Uplift SPF	Post Bases @ Mono	To Post
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Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
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2300	2300	ABU66	12-16d

Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
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### GRADE & SPECIES TABLE

Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
575	495	H2.5A	5-8x1 1/2"
1340	1015	H10A	9-10d1 1/2"
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2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d

### OPTION: 1 (BUCKET) OPTION: 2 (POCKETED)



### (TYP.) BEAM TO WALL

WOOD FRAME w/ STRAPS & ANCHORS

ALLOWABLE UPLIFT: 1235 LB



Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
575	495	H2.5A	5-8x1 1/2"
1340	1015	H10A	9-10d1 1/2"
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2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d

### (TYP.) GARAGE DOOR BUCK INSTALLATION

WOOD FRAME

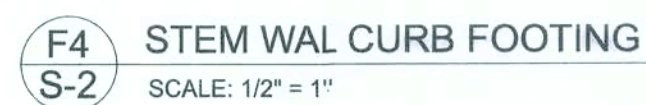
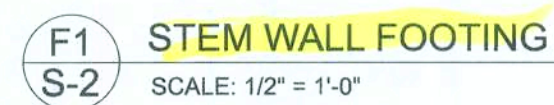


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Uplift SP	Uplift SPF	Holdowns @ Stenwall	To Stud / Post
1625	1800	DT122	8-SDS 1/4"x1 1/2"
4235	3640	HTT4	18-16d2 1/2"
Uplift SP	Uplift SPF	Holdowns @ Mono	To Stud / Post
1825	1800	DT122	8-SDS 1/4"x1 1/2"
4235	3640	HTT4	18-16d2 1/2"
Uplift SP	Uplift SPF	Post Bases @ Stenwall	To Post
2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d
Uplift SP	Uplift SPF	Post Bases @ Mono	To Post
2200	2200	ABU44	12-16d
2300	2300	ABU66	12-16d

### COMPONENT & CLADING DESIGN PRESSURES 130 MPH (EXP C)

Uplift SP	Uplift SPF	Truss Connector	To Truss/Rafter
615	485	SDWC15600	-
415	260	H3	4-8x1 1/2"
575	495	H2.5A	5-8x1 1/2"
1340	1015	H10A	9-10d1 1/2"
1220	620	LTS12-20	6-10d1 1/2"
1000	860	MTS12-30	7-10d1 1/2"
1450	1245	HTS20-30	12-10d1 1/2"
Uplift SP	Uplift SPF	Strap Ties	To One Member
1235	1235	LSTA21	8-10d
1640	1455	MSTA24	9-10d



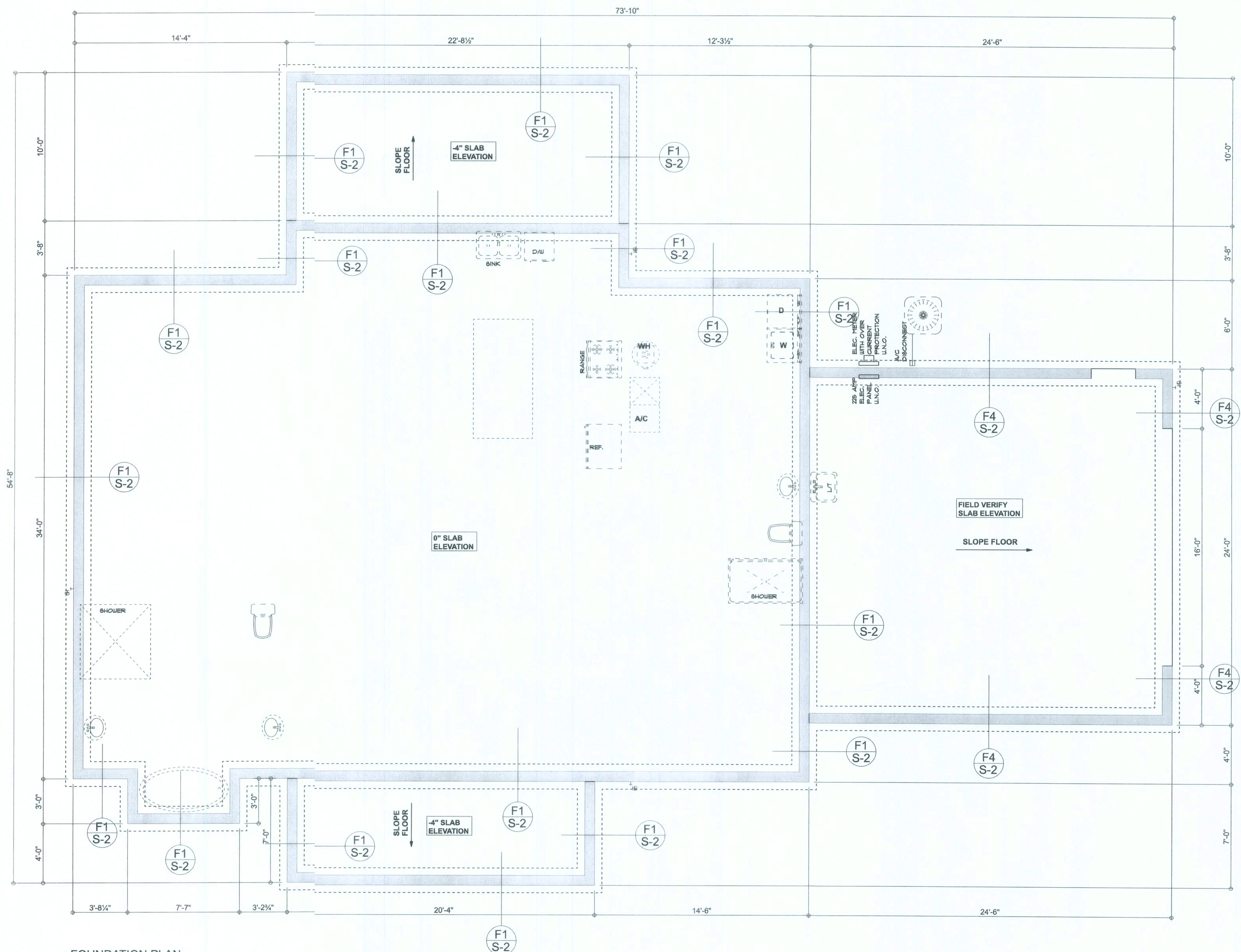


<p><b>MASONRY NOTE:</b></p> <p><b>ALL MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530-1-02) AND "ACI 530-1-02" (ACI 530-1-02). THE CONTRACTOR AND MASON MET IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530-1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTION TO ACI 530-1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.</b></p>		
	ACI530-1-02 Section	Specific Requirements
1.4A	Compressive strength	8" x bearing walls $F_m = 1500$ psi
2.1	Grout	ACI C-270, Type N, UNO
2.2	Grout	ACI C-276, admixtures required per 2.1
2.3	CMU standard	ACI C-90-20, Normal weight, hollow, mure surface finish, 2" nominal thickness, 16" x 16" x 8" nominal and 12"x12" x 10 1/4" nominal
2.3	Clay brick standard	ACI C-216-02, Grade SW, Type FBS, 5.75"x7 1/2"x8"
2.4	Reinforcing bars, #3 - #11	Grade 60, $F_y = 40$ ksi, lap bars 12" x 12" x 12" x 12"
2.4F	Coating for corrosion protection	Anchor, shear and lap welds fully encapsulated in mortar or grout, ASTM C-1153, Class G80, 0.60 mil or greater, or E883
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to mure or water lies, anchors, shear metal and completely embedded in mortar or grout, ASTM A135, Class B2, 1.50 mil or E883
3.3.E.2	Pipes, conduits, and accessories	Anchor shown on the project drawings requiring engineering approval.
3.3.E.7	Movement joints	Anchor assumes responsibility for project contractor of movement joints if not used in project drawings.

## FOUNDATION PLAN

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

FOUNDATION NOTES	
FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISPOWAY DESIGN GROUP OR MARK DISPOWAY, PE IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS SLAB.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ 6X6-1 #4 WELDED WIRE MESH. MINIMUM 12" DEPTH OR FIBER MESH CONCRETE, 6-MIL. POLY VAPOR BARRIER W/ 6" LAP'S SEALED W/ POLY TAPE. OVER TREATMENT: TREATED & COMPACTED FILL. (ALSO, ANY OTHER METHOD APPROVED BY TERMITE-TREATMENT METHOD, CAN BE USED, INSTEAD).



## Edgley Construction

Charles & Beth Matukaitis Res.

PROJECT ADDRESS:  
Lot 9 Meadow Wood S/D  
Columbia County, FL

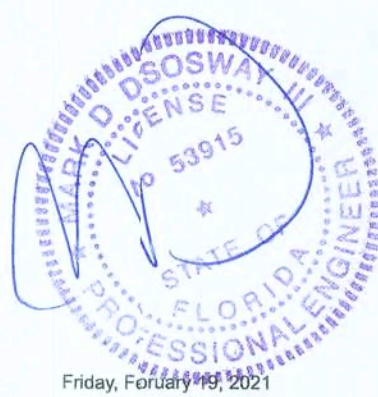
**DIMENSIONS:**  
Stated dimensions upcode scaled dimensions. Refer 3 questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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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 7th edition Florida Building Code Residential (2020) to the best of my knowledge.

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

MARK DISISWAY P.E. 53915

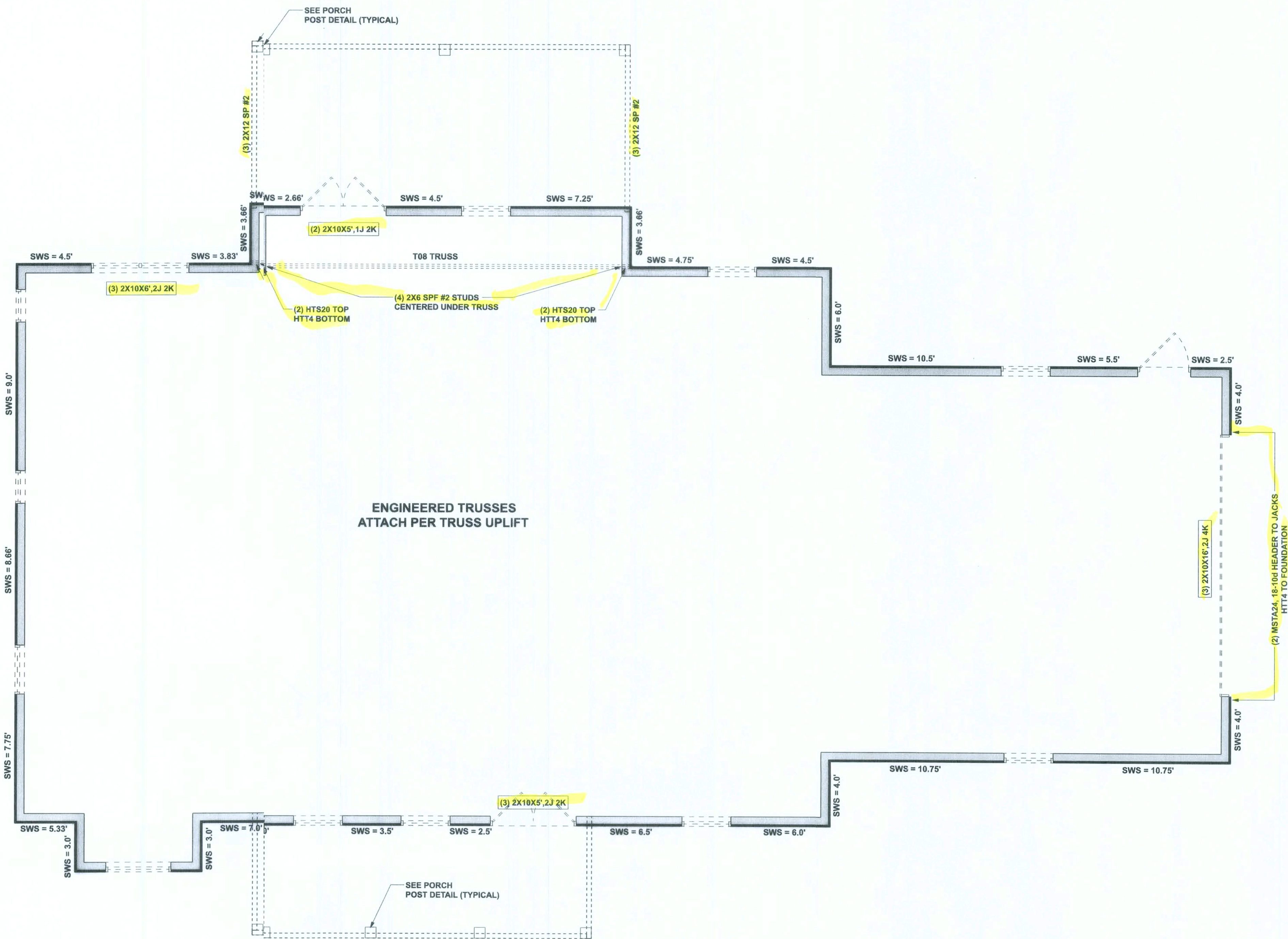
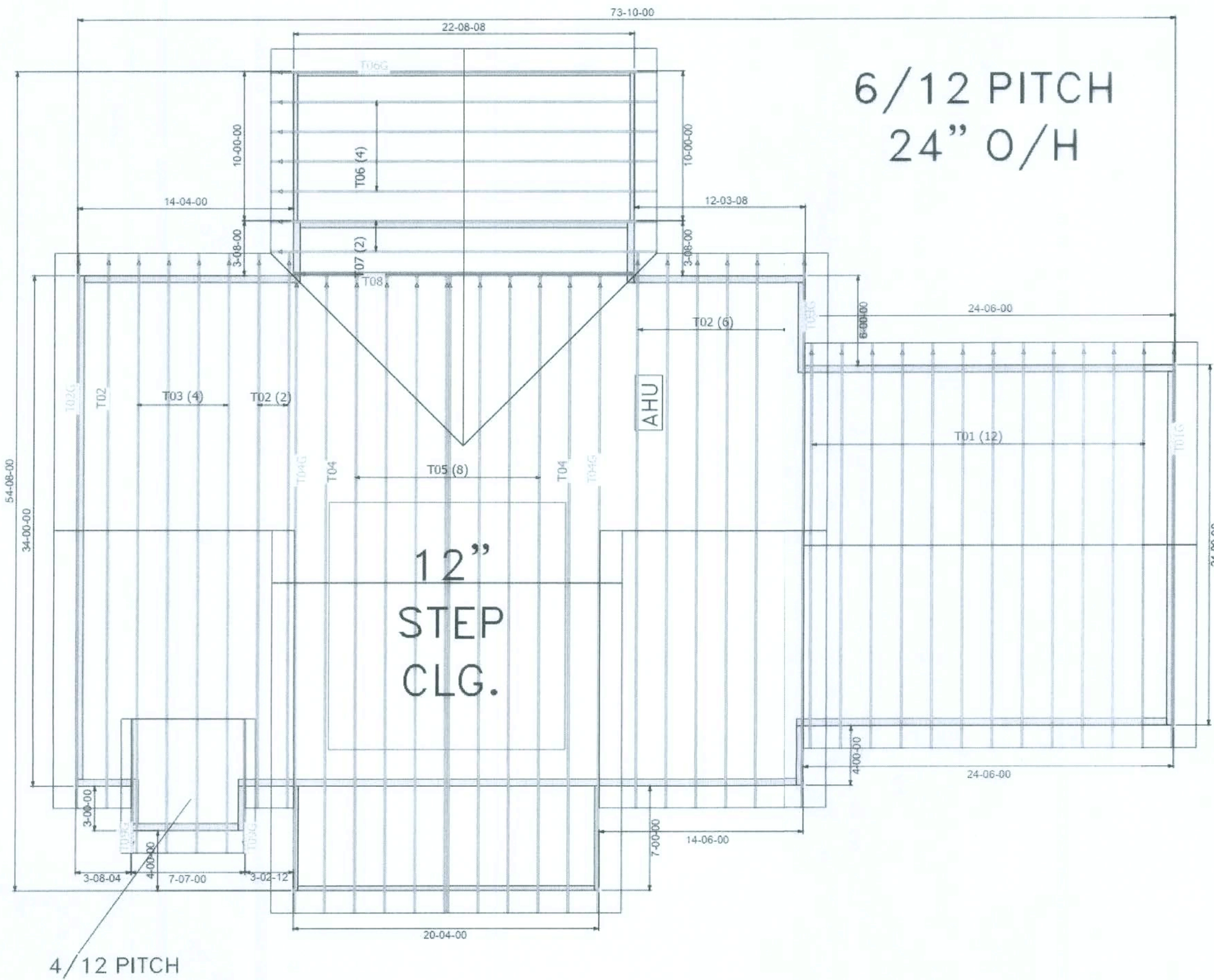


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**386754.5419**  
**disoswaydesign@gmail.com**

JOB NUMBER:  
210086

**S-2**



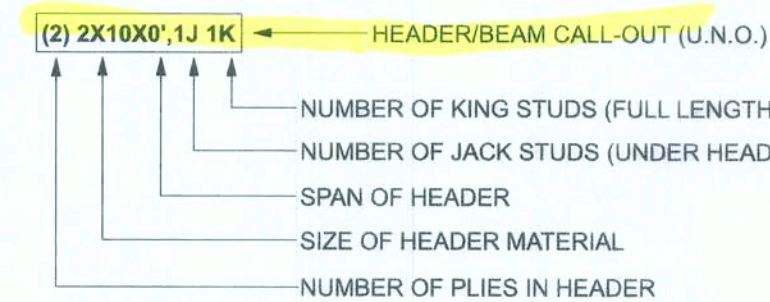


**STRUCTURAL PLAN**  
SCALE: 1/4" = 1'-0"

**STRUCTURAL PLAN NOTES**

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 ALL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL WRAP UNDER BOTTOM PLATE & OVER TOP PLATE. 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
- SN-4 USE ONE JACK STUD GIRDER SUPPORT PER 2500<sub>0</sub> LB LOAD
- SN-5 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-6 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSH-103. BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

**HEADER LEGEND**



ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	22692 LBF	24676 LBF
REQUIRED	17877 LBF	11108 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #2467012

Eddley Construction

Charles & Beth Matukakis Res.

PROJECT ADDRESS:  
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Columbia County, FL

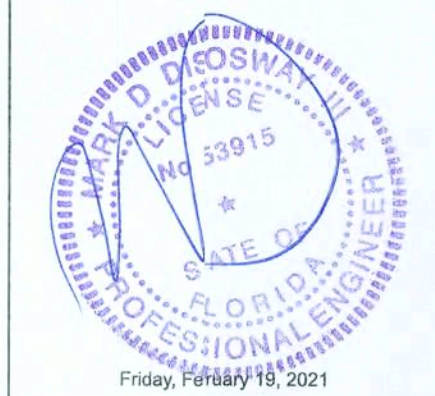
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LIMITATION: This design is valid for one building, at specified location.

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JOB NUMBER:  
21J086

S-3  
OF 6 SHEETS