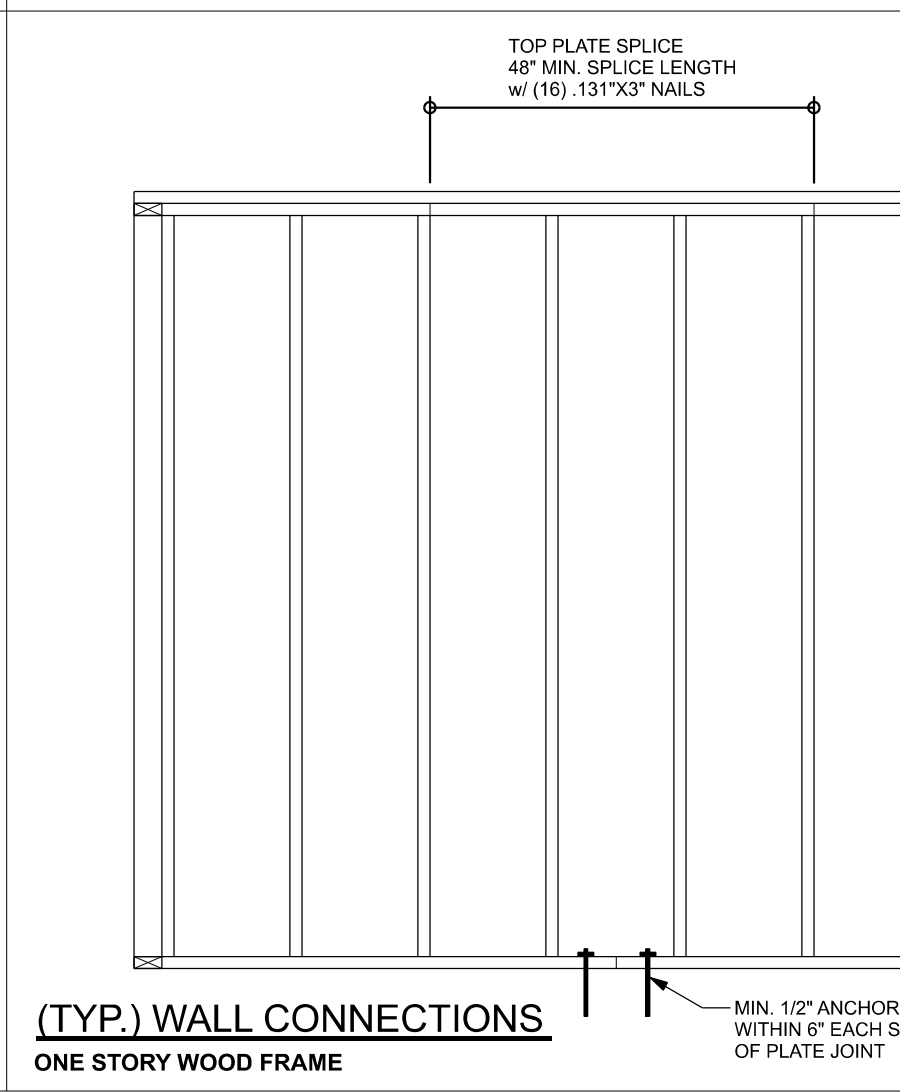
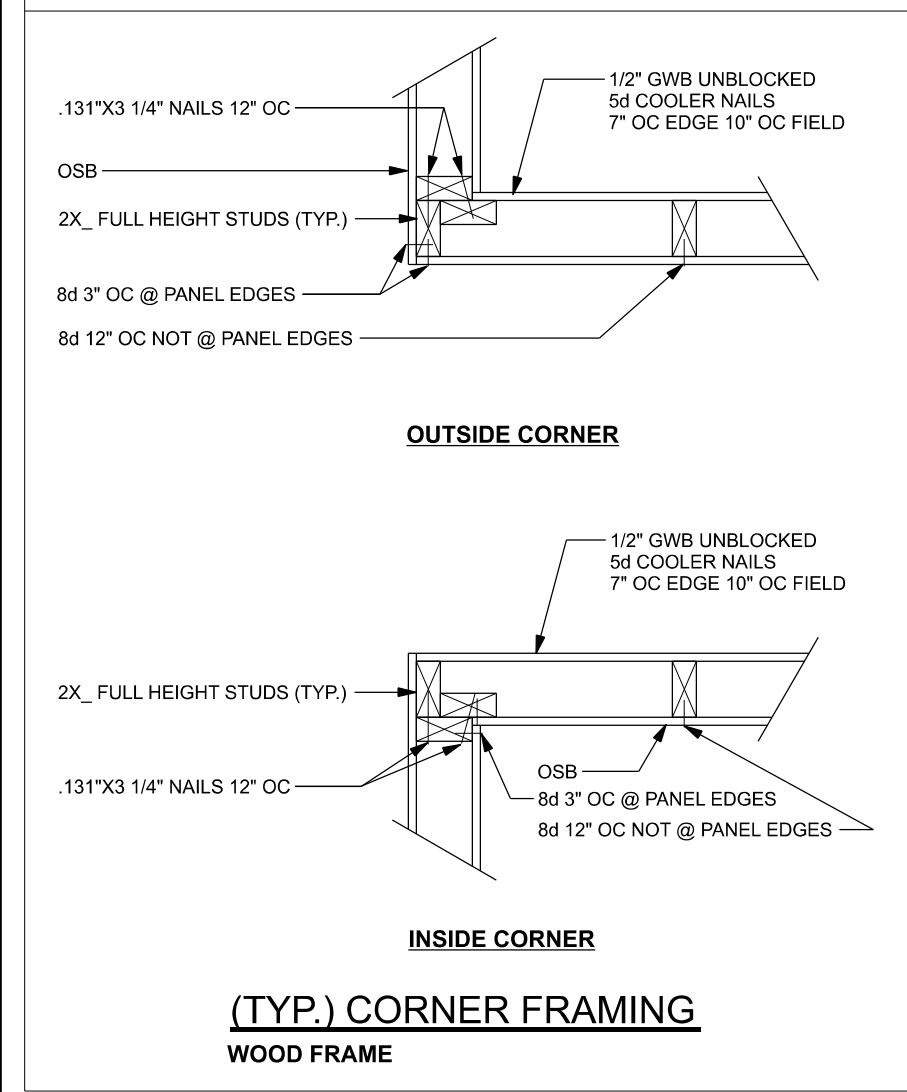
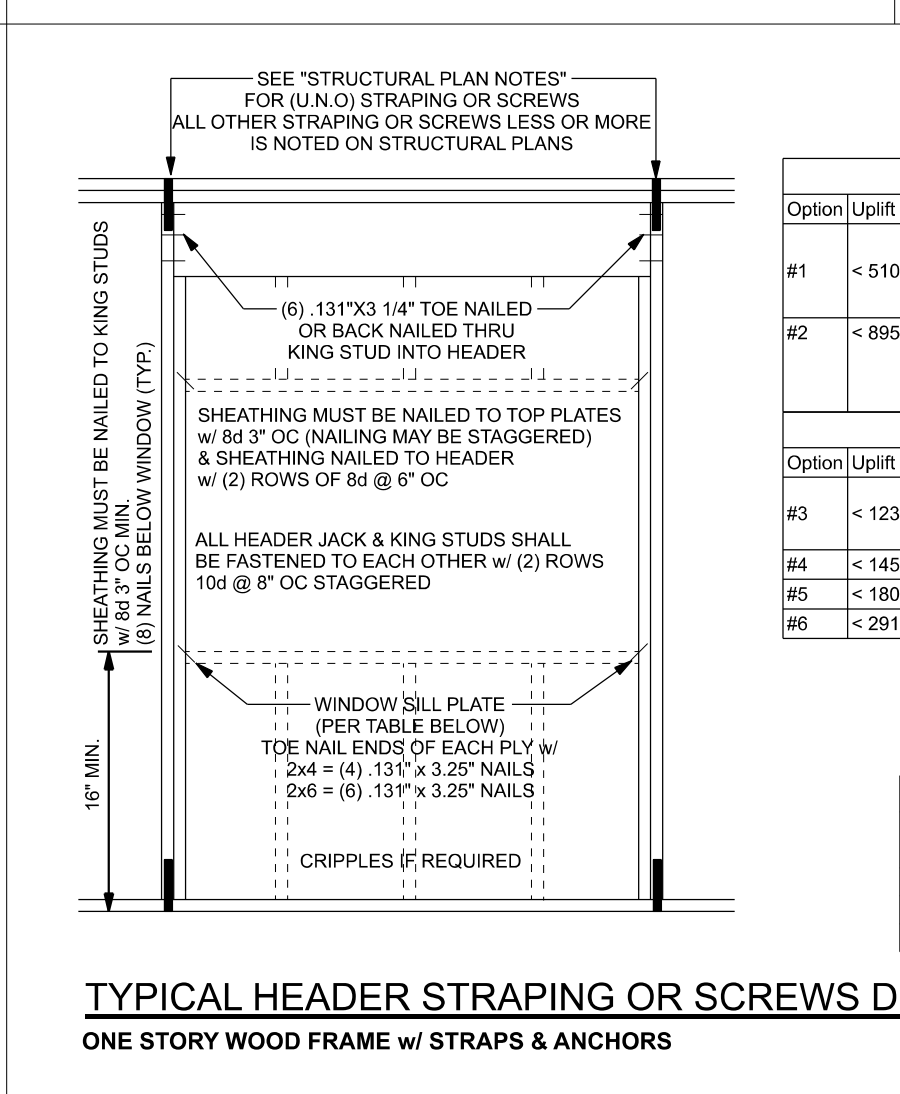
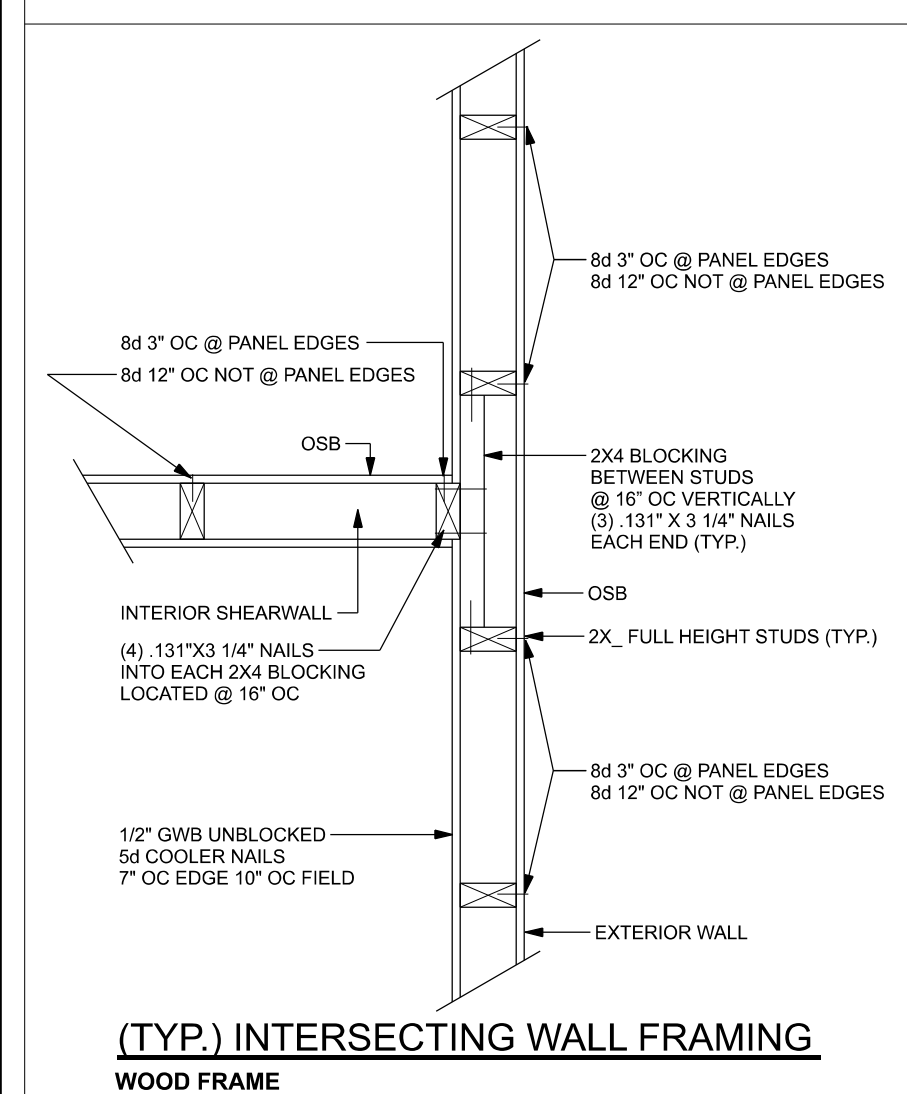
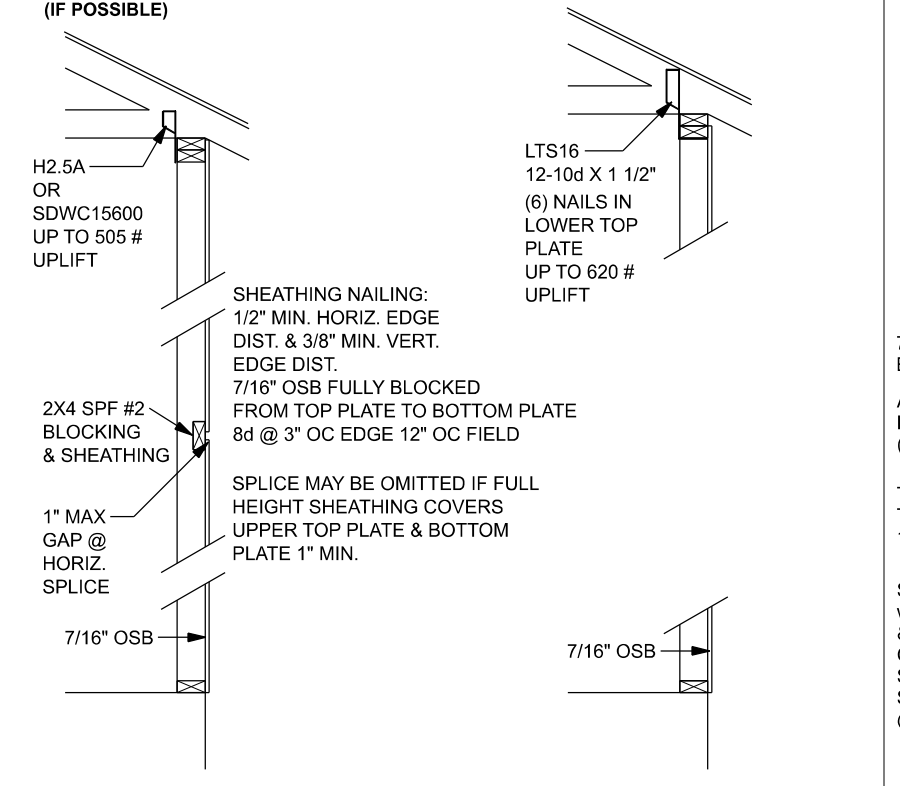


TWO STORY WALL SECTION
SCALE: 3/4" = 1'-0"



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 RRS-01 (2 3/8" x 0.113")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.113")	6" oc	6" oc
120 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	6" oc
130 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.113")	6" oc	6" oc
130 mph Exp. C	15/32"	ASTM F1667 RRS-01 (2 3/8" x 0.113")	6" oc	6" oc
130 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.113")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	6" oc
150 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	6" oc	6" oc
150 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131") or ASTM F1667 RRS-04 (3" x 0.120")	4" oc	4" oc

Note: For sheathing located a minimum of 1 foot from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 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.



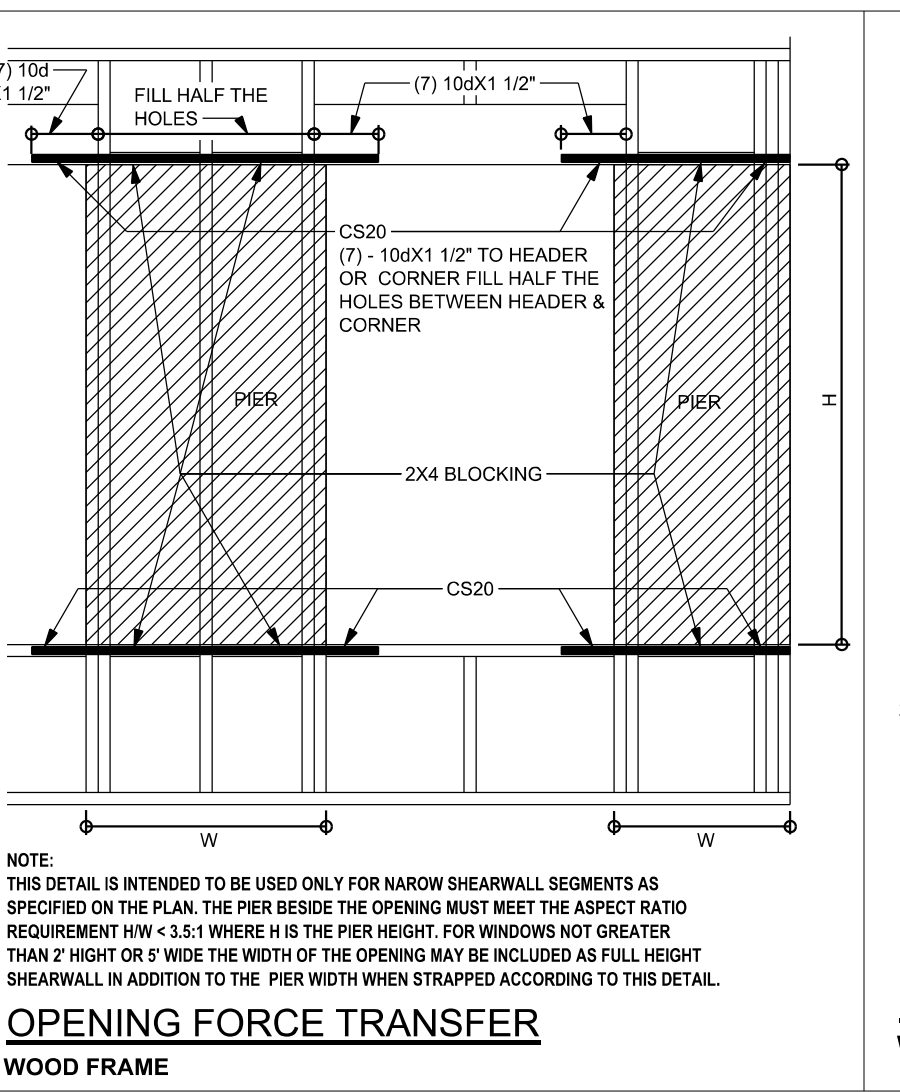
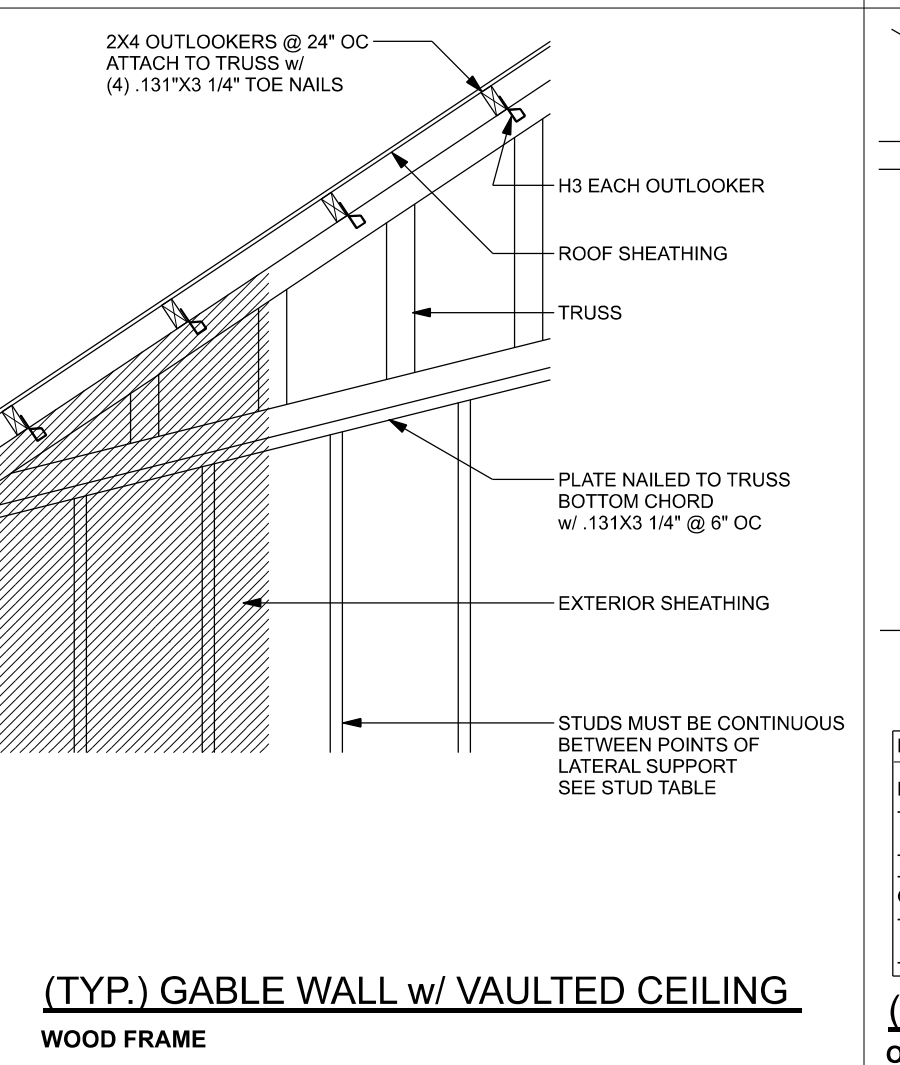
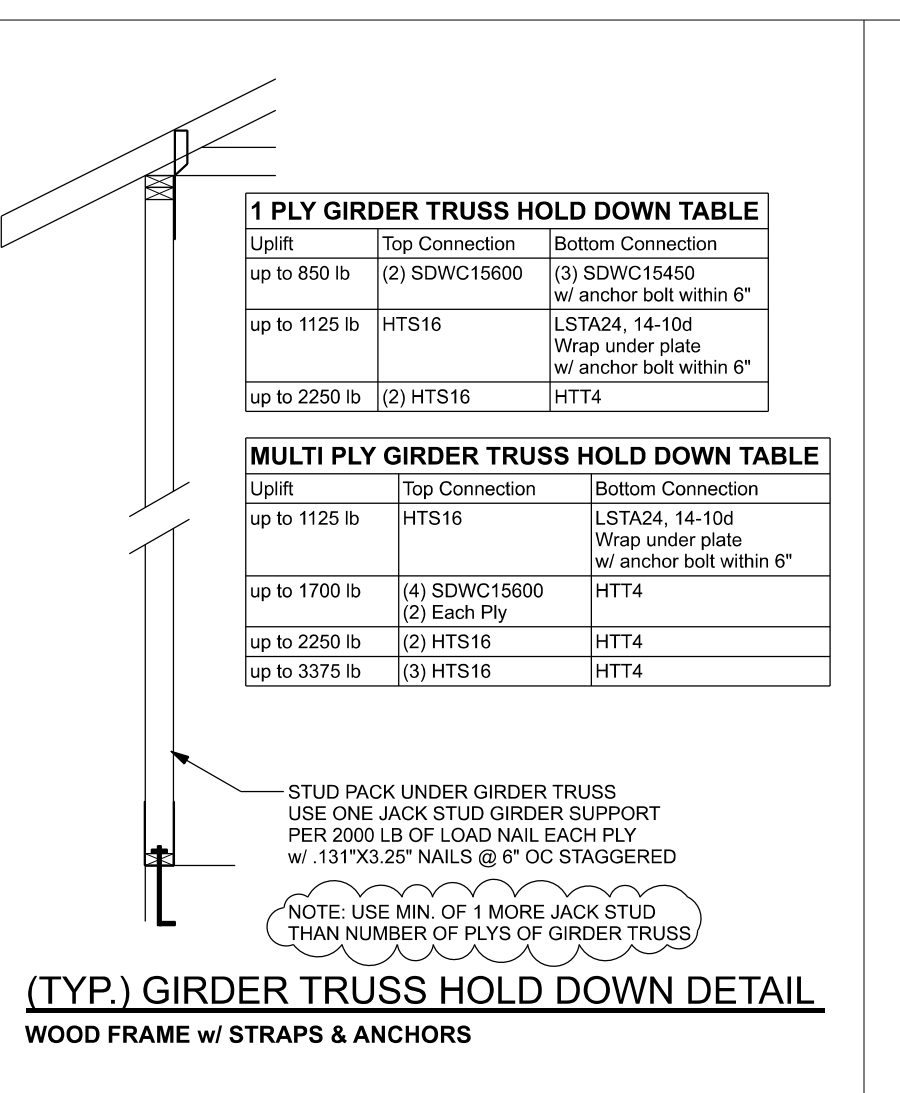
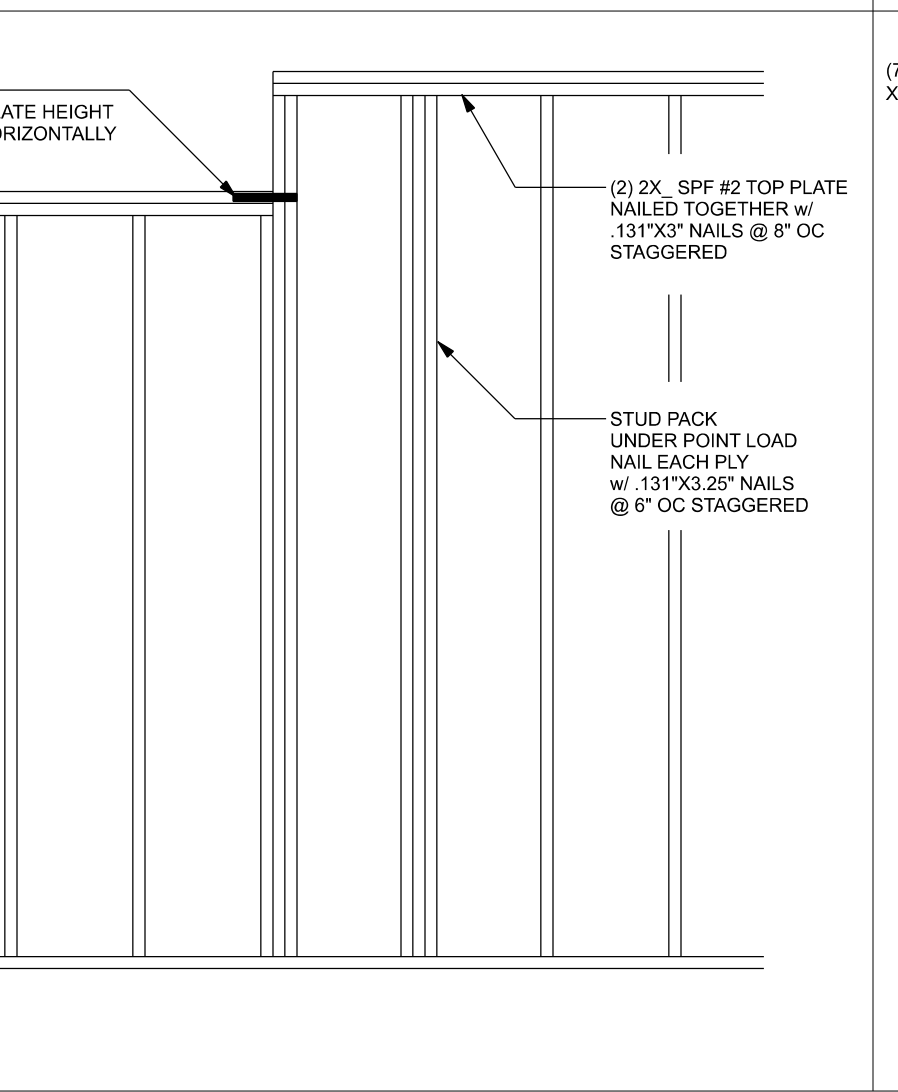
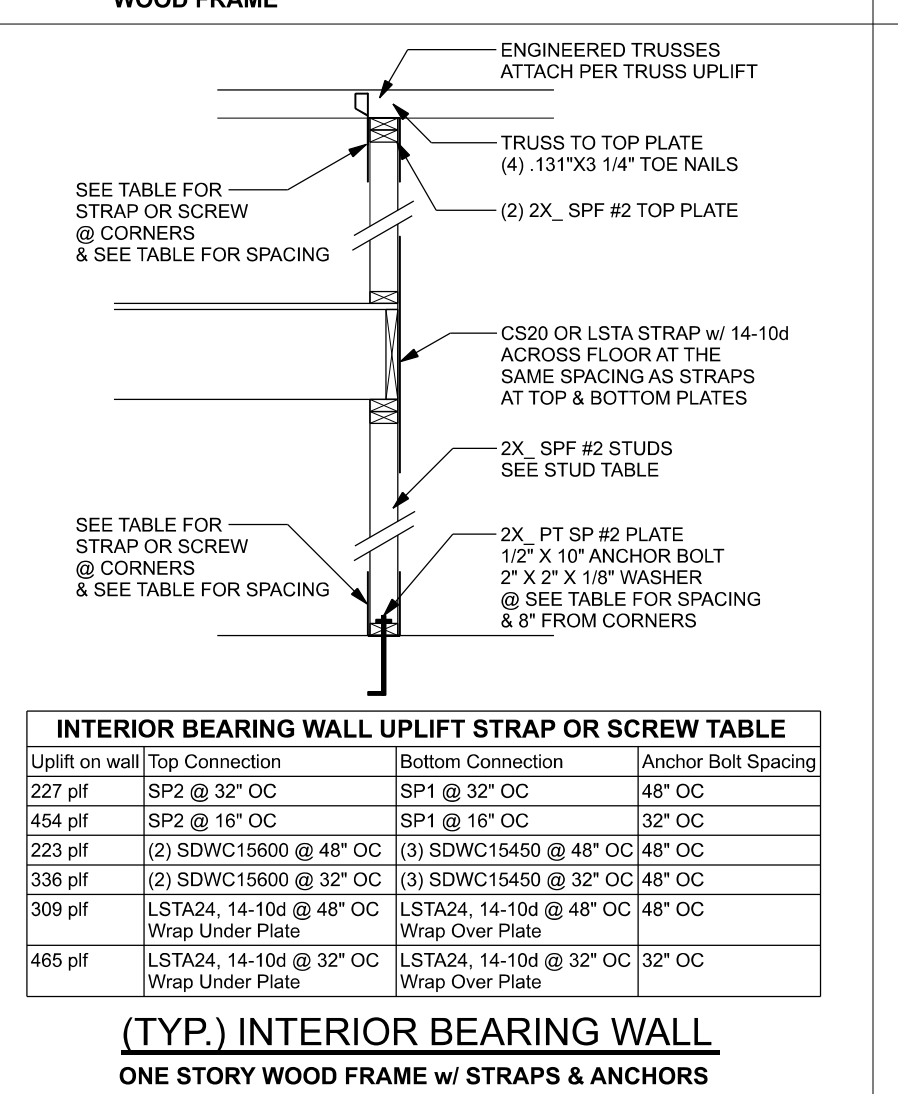
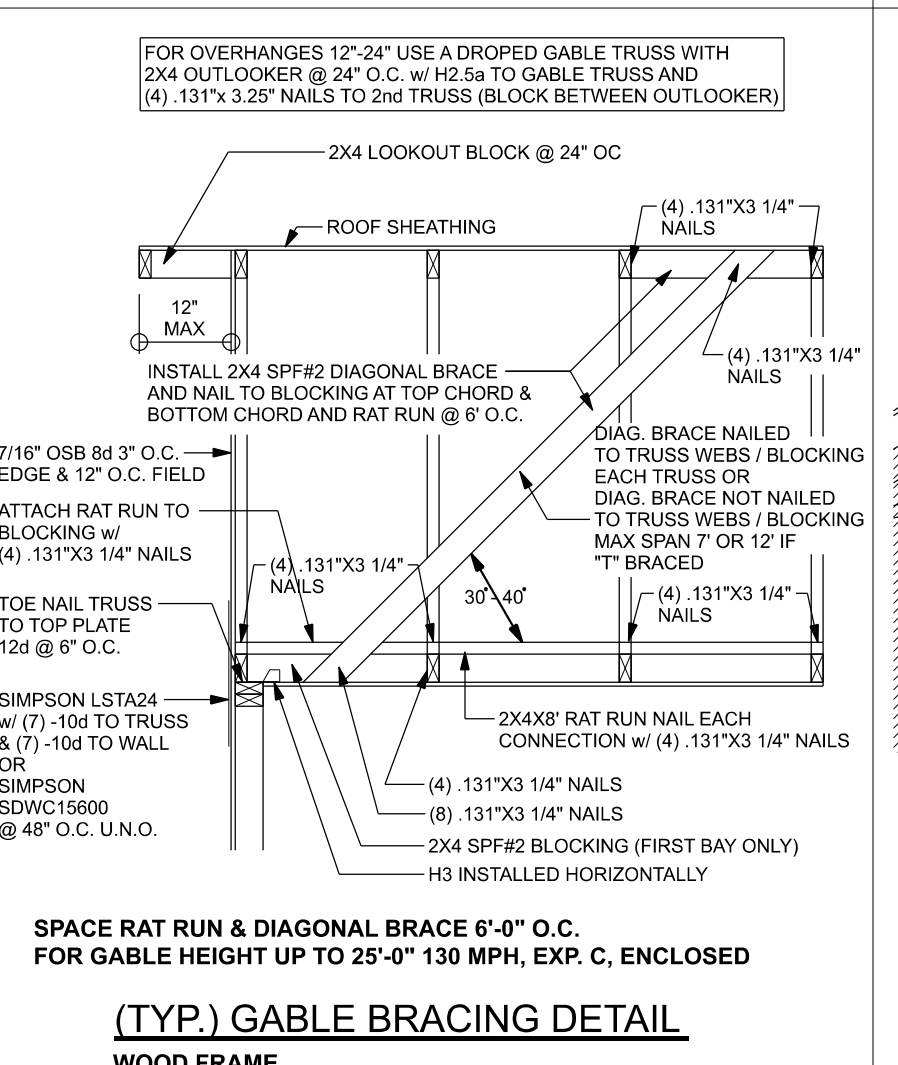
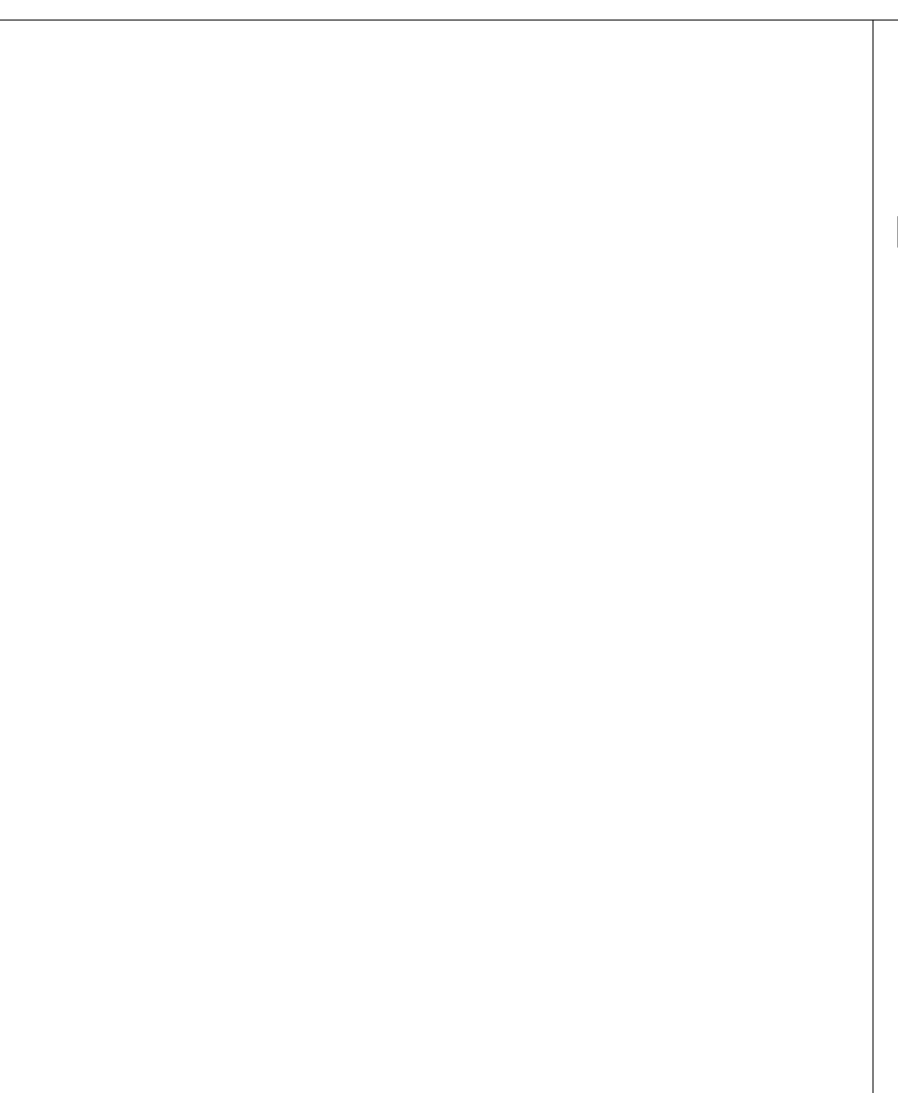
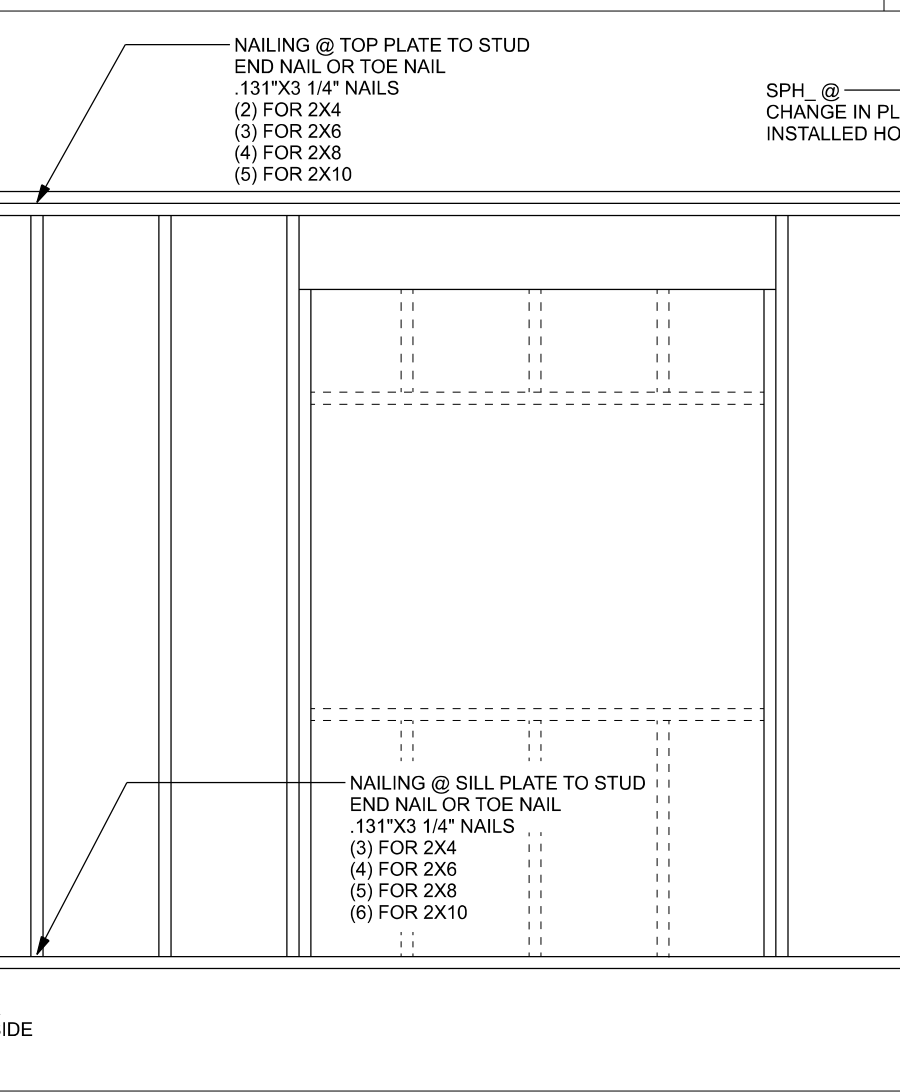
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME

Option	Uplift	Top Connection	Bottom Connection
#1	< 510	Attach king stud to top plate w/ (1) Simpson SDWC15600	Attach king stud to bottom plate w/ (2) Simpson SDWC15600
#2	< 895	Attach king stud to top plate w/ (2) Simpson SDWC15600	Attach king stud to bottom plate w/ (3) Simpson SDWC15600

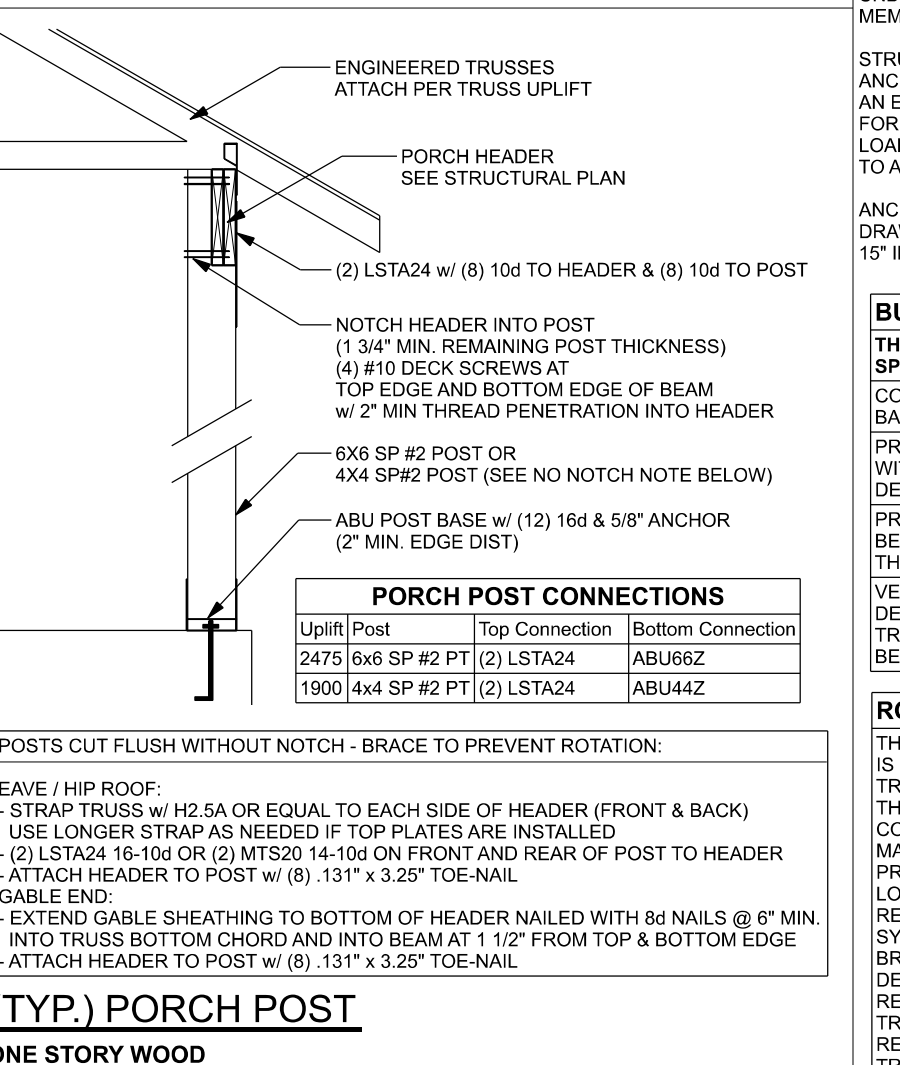
Option	Uplift	Top Connection	Bottom Connection
#3	< 1235	LSTA24, 14-10d wrap over plate	LSTA24, 14-10d wrap under plate
#4	< 1455	MSTA24, 18-10d header to jacks	1/2" x 10" Anchor bolt w/ 3" x 3" x 1/4" washer must be located within 6" of king stud @ all door locations
#5	< 1800	(2) MST24, 18-10d header to jacks	DTT22
#6	< 2910	(2) MST24, 18-10d header to jacks	HTT4

DESIGN	WIND SPEED	MAX. SPANS FOR SPF #2	BASED ON WFOF TABLE A.3.3.3.3.3
(1) 2x4	(2) 2x4	(1) 2x6	(2) 2x6
(3) 2x6	(4) 2x6	(5) 2x8	(6) 2x8
(7) 2x8	(8) 2x8	(9) 2x10	(10) 2x10

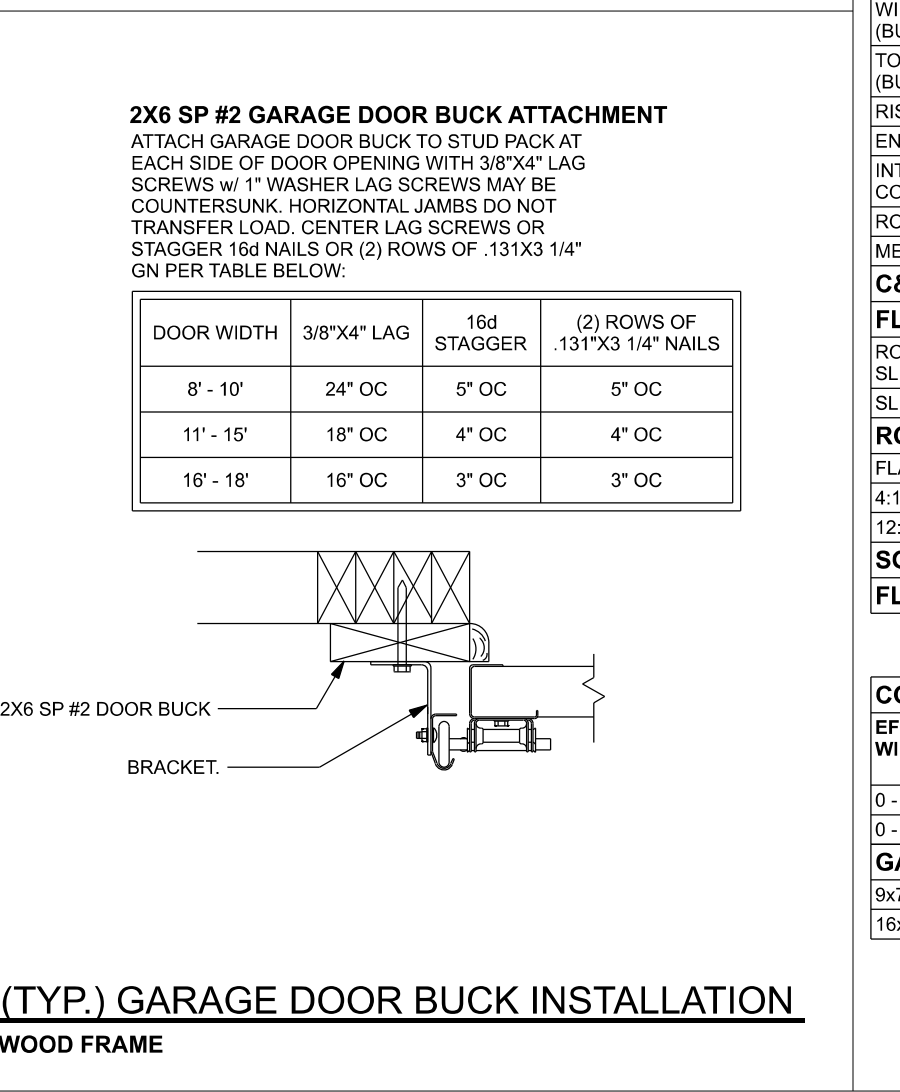
WIND SPEED	MAX. SPANS FOR SPF #2	BASED ON WFOF TABLE A.3.3.3.3.3
130 MPH EXP. C	5'-2"	7'-9"
140 MPH EXP. C	5'-2"	7'-9"
150 MPH EXP. C	5'-2"	7'-9"



Uplift	SP	Uplift	SPF	Truss Connection	To Plate	To Truss/Rafter
805	505	SDWC15600			-	-
415	290	H3			4-8dX1 1/2"	4-8dX1 1/2"
615	540	H2.5A			5-8dX1 1/2"	5-8dX1 1/2"
1340	1015	H10A			9-10dX1 1/2"	9-10dX1 1/2"
720	620	LTS12-20			6-10dX1 1/2"	6-10dX1 1/2"
1000	860	MTS12-30			7-10dX1 1/2"	7-10dX1 1/2"
1450	1245	HTS20-30			12-10dX1 1/2"	12-10dX1 1/2"
Uplift	SP	Uplift	SPF	Strap Ties	To One Member	To Other Member
1235	1235	LSTA21			8-10d	8-10d
1640	1455	MSTA24			9-10d	9-10d
1030	1030	CS20			7-10d	7-10d
Uplift	SP	Uplift	SPF	Stud Plate Ties	To Stud	To Plate
585	535	SP1			6-10d	4-10d
1065	905	SP2			6-10d	6-10d
771	771	LSTA24			10-10d	wrap under or over plate
1235	1235	LSTA24			14-10d	wrap under or over plate
Uplift	SP	Uplift	SPF	Holdowns @ Stemwall	To Stud / Post	Anchor
1825	1800	DTT22			8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4			18-16dX2 1/2"	1/2"x12" Titen HD
Uplift	SP	Uplift	SPF	Holdowns @ Mono	To Post	Anchor
1825	1800	DTT22			8-SDS 1/4"x1 1/2"	1/2"x6" Titen HD
4235	3640	HTT4			18-16dX2 1/2"	1/2"x12" Titen HD
Uplift	SP	Uplift	SPF	Post Bases @ Stemwall	To Post	Anchor
1900	ABU44Z				12-16d	5/8"x12" Drill & Epoxy
2475	ABU66Z				12-16d	5/8"x12" Drill & Epoxy
Uplift	SP	Uplift	SPF	Post Bases @ Mono	To Post	Anchor
1900	ABU44Z				12-16d	5/8"x7" Drill & Epoxy
2475	ABU66Z				12-16d	5/8"x7" Drill & Epoxy



Uplift	SP	Uplift	SPF	Truss Connection	To Plate	To Truss/Rafter
805	505	SDWC15600			-	-
415	290	H3			4-8dX1 1/2"	4-8dX1 1/2"
615	540	H2.5A			5-8dX1 1/2"	5-8dX1 1/2"
1340	1015	H10A			9-10dX1 1/2"	9-10dX1 1/2"
720	620	LTS12-20			6-10dX1 1/2"	6-10dX1 1/2"
1000	860	MTS12-30			7-10dX1 1/2"	7-10dX1 1/2"
1450	1245	HTS20-30			12-10dX1 1/2"	12-10dX1 1/2"
Uplift	SP	Uplift	SPF	Strap Ties	To One Member	To Other Member
1235	1235	LSTA21			8-10d	8-10d
1640	1455	MSTA24			9-10d	9-10d
1030	1030	CS20			7-10d	7-10d
Uplift	SP	Uplift	SPF	Stud Plate Ties	To Stud	To Plate
585	535	SP1			6-10d	4-10d
1065	905	SP2			6-10d	6-10d
771	771	LSTA24			10-10d	wrap under or over plate
1235	1235	LSTA24			14-10d	wrap under or over plate
Uplift	SP	Uplift	SPF	Holdowns @ Stemwall	To Stud / Post	Anchor
1825	1800	DTT22			8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
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Uplift	SP	Uplift	SPF	Holdowns @ Mono	To Post	Anchor
1825	1800	DTT22			8-SDS 1/4"x1 1/2"	1/2"x6" Titen HD
4235	3640	HTT4			18-16dX2 1/2"	1/2"x12" Titen HD
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1900	ABU44Z				12-16d	5/8"x12" Drill & Epoxy
2475	ABU66Z				12-16d	5/8"x12" Drill & Epoxy
Uplift	SP	Uplift	SPF	Post Bases @ Mono	To Post	Anchor
1900	ABU44Z				12-16d	5/8"x7" Drill & Epoxy
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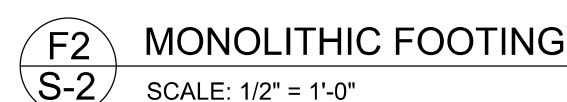
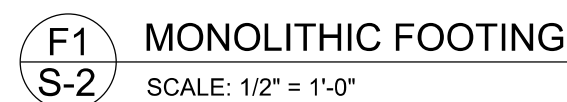


GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCC. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, TRUSS LAYOUT, TRUSS CONNECTIONS, TRUSS BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL TRUSS 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'S DESIGN AND TO ENSURE ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING TRUSSES. THE BUILDER SHALL 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, 2X8 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



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

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

FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STAIR WINGS, ETC. DIMENSIONS SHOWN ON MARK DISOWAY, PE IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING WALLS AND EXISTING FOUNDATION TRUES 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 PLACED ON CHAIRS OR 6" DEPTH OR FIBER REINFORCED 6-MILL POLY VAPOR BARRIER W/ 6" LAPS SEAL ON W/ POLY TAPED OVER TERMITE-TREATED & COMPACTED FILL FILL WITH ANY OTHER MATERIAL AS REQUIRED TREATMENT METHOD CAN BE USED INSTEAD)



Kyle & Jessica Dicks
Barn

PROJECT ADDRESS:
463 SW CR 240
Lake City, Florida 32025

FL PE 53915
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way PE on digital signature date.
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DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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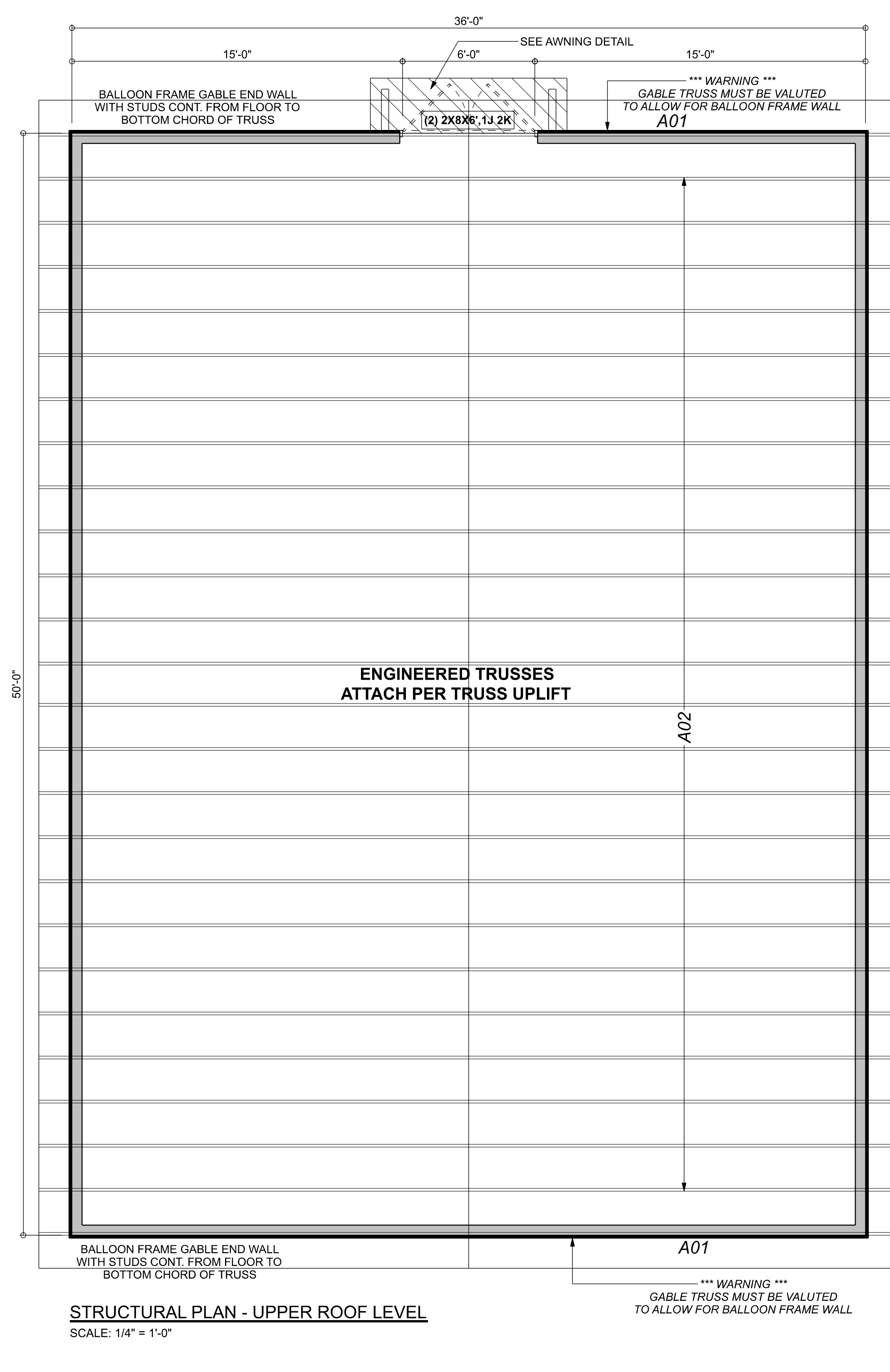
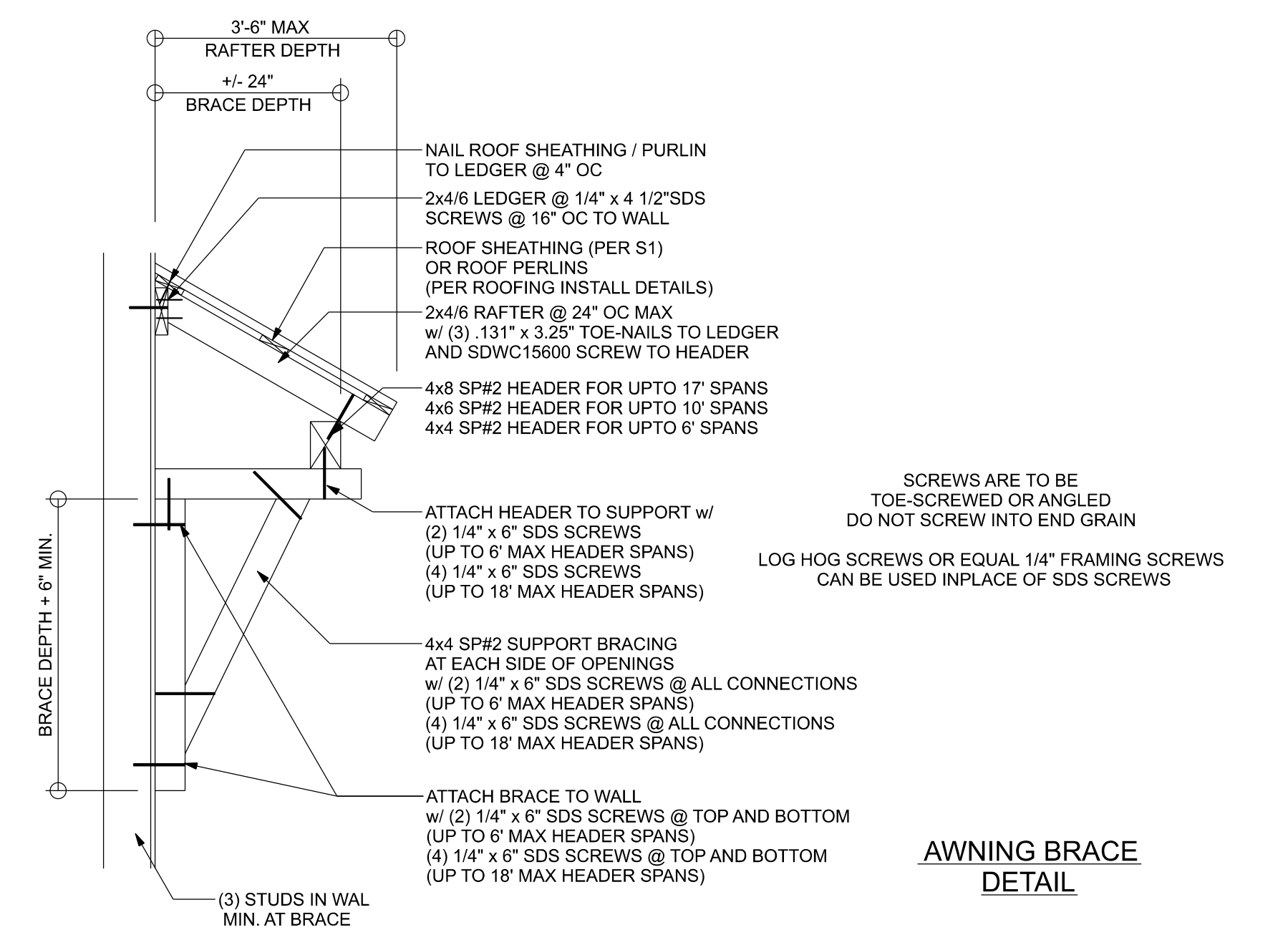
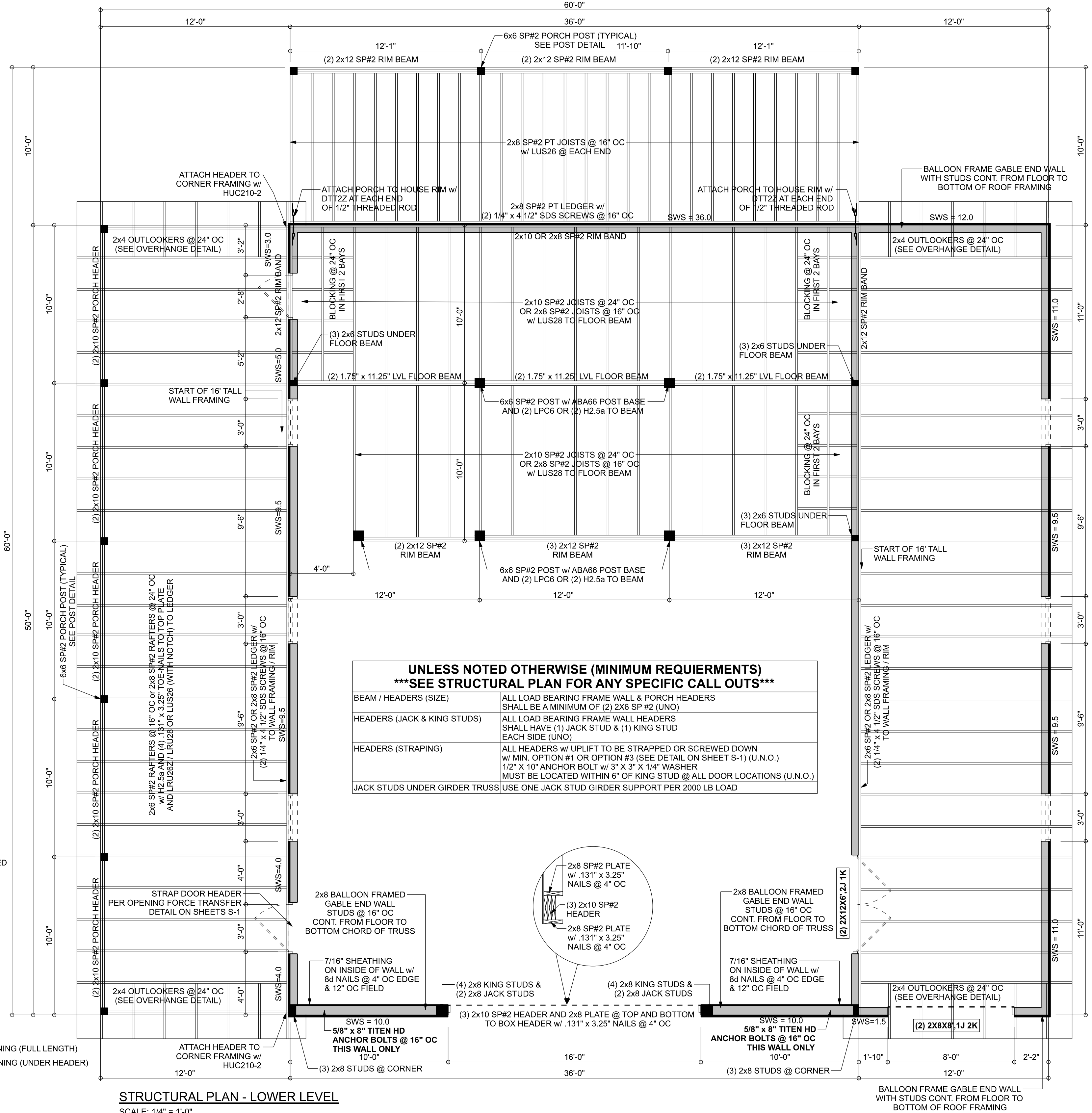
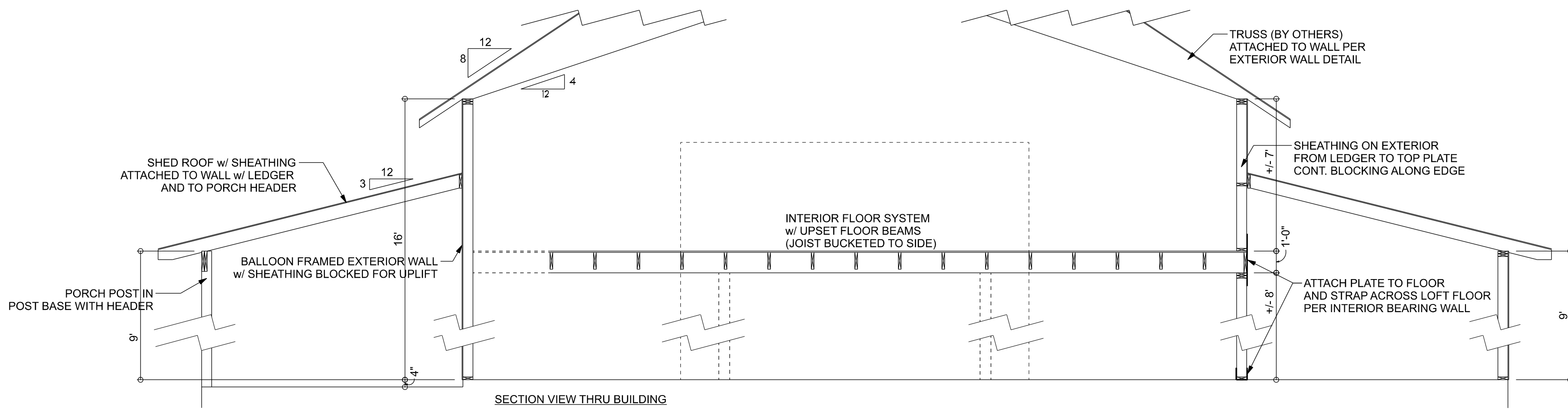
CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

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

JOB NUMBER:
231379

S-2
OF 3 SHEETS



CONNECTIONS, WALL & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #22-7732D

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 BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

ACTUAL vs REQUIRED SHEARWALL	TRANSVERSE	LONGITUDINAL
ACTUAL	30096 LBF	38608 LBF
REQUIRED	25733 LBF	32358 LBF

HEADER LEGEND

- (2) 2X6X0' 1J 1K → HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS EACH SIDE OF OPENING (FULL LENGTH)
- NUMBER OF JACK STUDS EACH SIDE OF OPENING (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER

STRUCTURAL PLAN - LOWER LEVEL

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

Bryan Zecher Construction

Kyle & Jessica Dicks
Barn

PROJECT ADDRESS:
483 SW CR 240
Lake City, Florida 32025

FL PE 53915
This item has been digitally signed and sealed by Mark Disoway 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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DIMENSIONS: Stated 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 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

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JOB NUMBER:
231379

S-3
OF 3 SHEETS