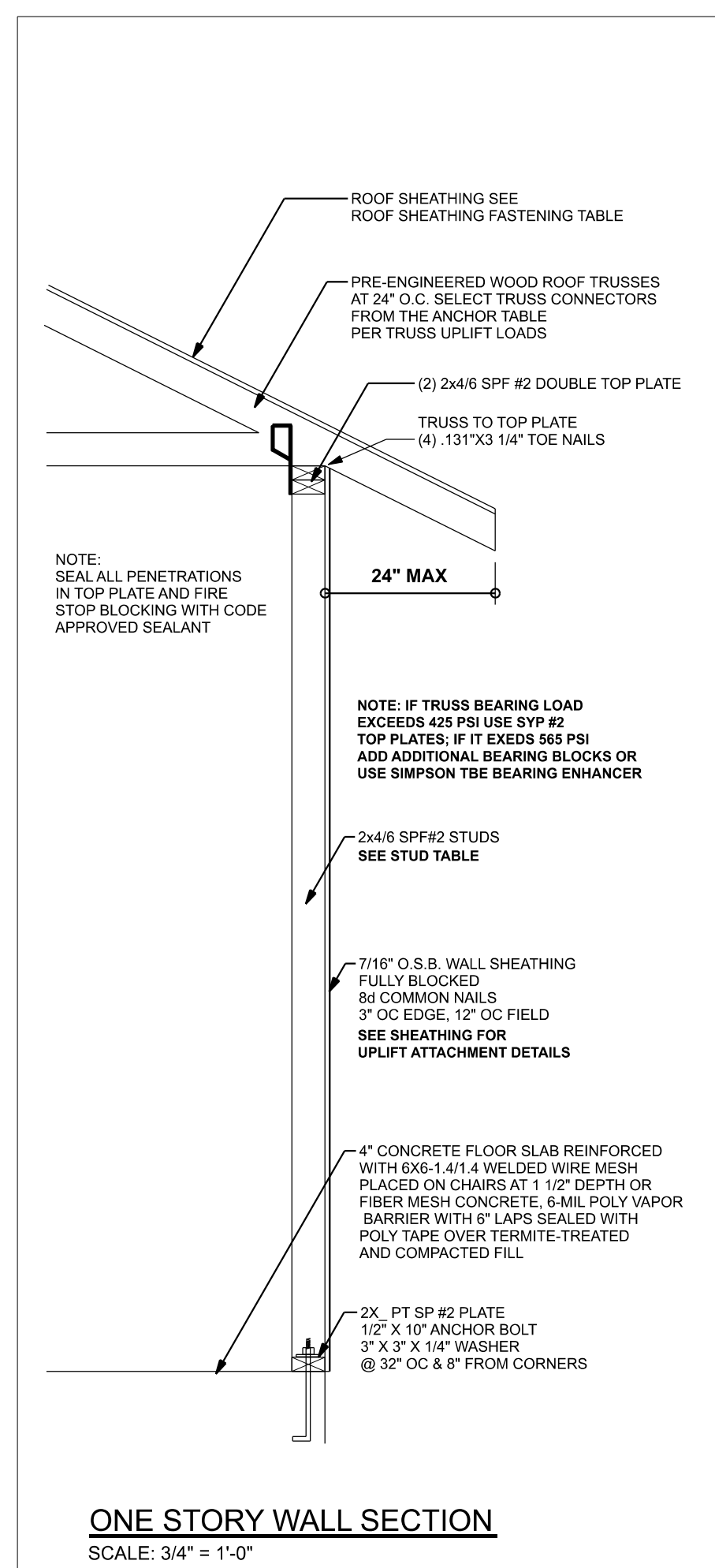
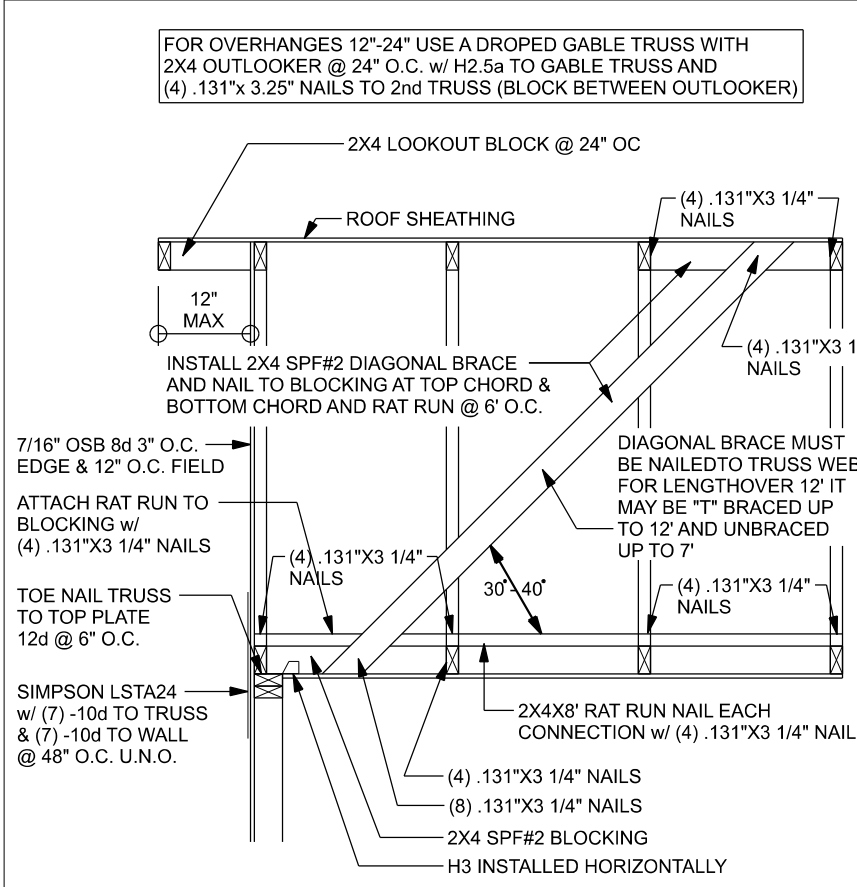




ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"

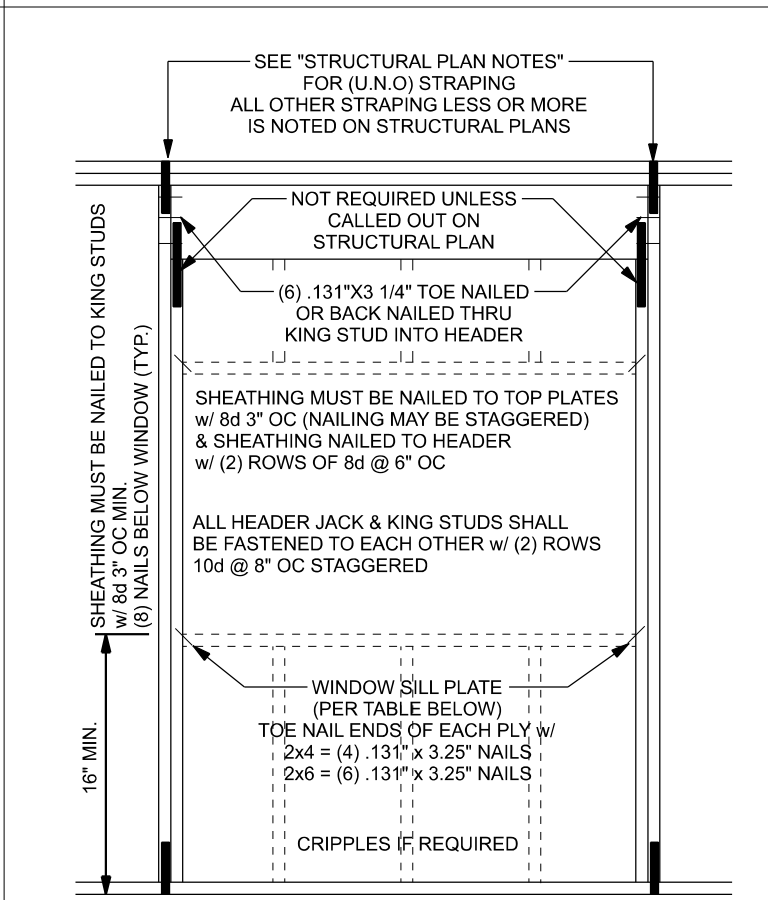
Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along panel edges	Nail spacing along intermediate supports in the panel field
120 mph Exp. B	7/16"	ASTM F1667 RSR5-01 (2 3/8" x 0.131")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RSR5-01 (2 3/8" x 0.131")	6" oc	6" oc
120 mph Exp. D	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	6" oc	6" oc
130 mph Exp. B	7/16"	ASTM F1667 RSR5-01 (2 3/8" x 0.131")	6" oc	6" oc
130 mph Exp. C	15/32"	ASTM F1667 RSR5-01 (2 3/8" x 0.131")	6" oc	6" oc
130 mph Exp. D	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RSR5-01 (2 3/8" x 0.131")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	6" oc	6" oc
150 mph Exp. C	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	6" oc	6" oc
150 mph Exp. D	19/32"	ASTM F1667 RSR5-03 (2 1/2" x 0.131") or ASTM F1667 RSR5-04 (3" x 0.120")	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 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.

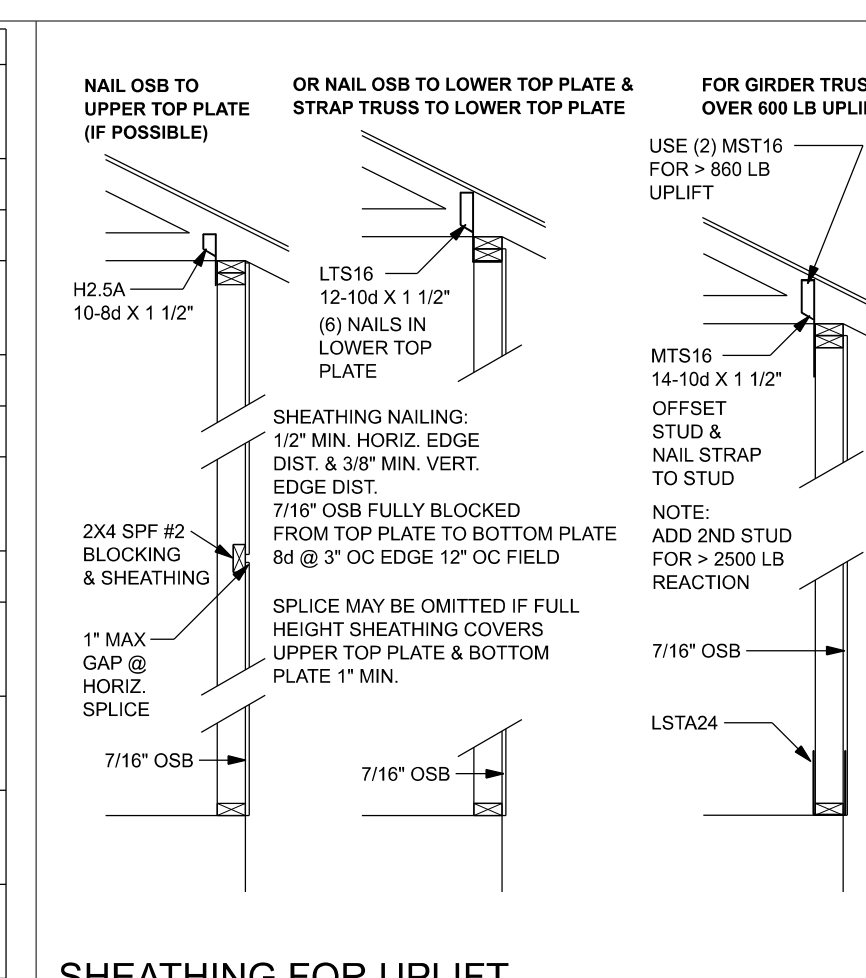
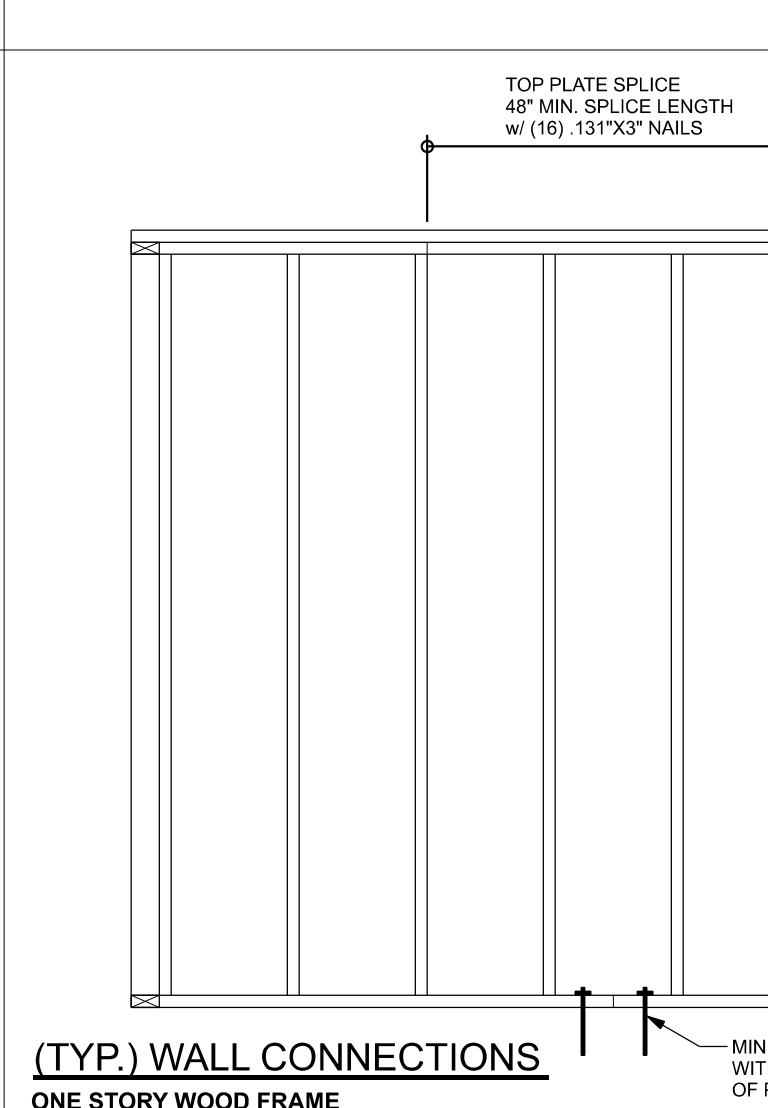


(TYP.) GABLE BRACING DETAIL
WOOD FRAME

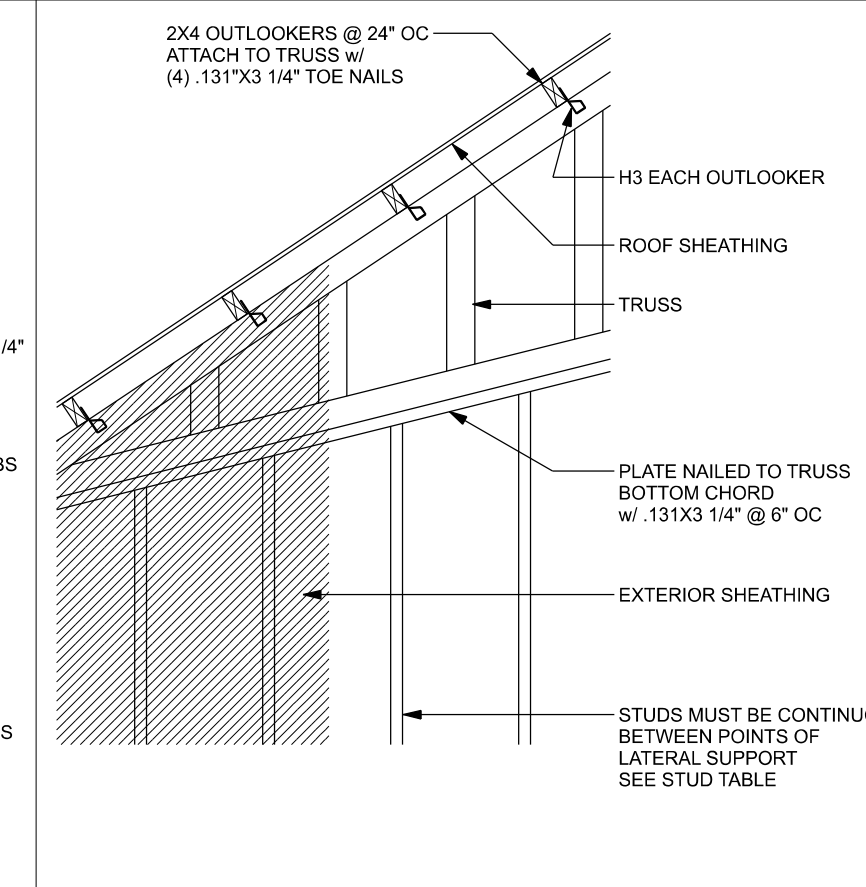
(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME



(TYP.) CORNER FRAMING
WOOD FRAME

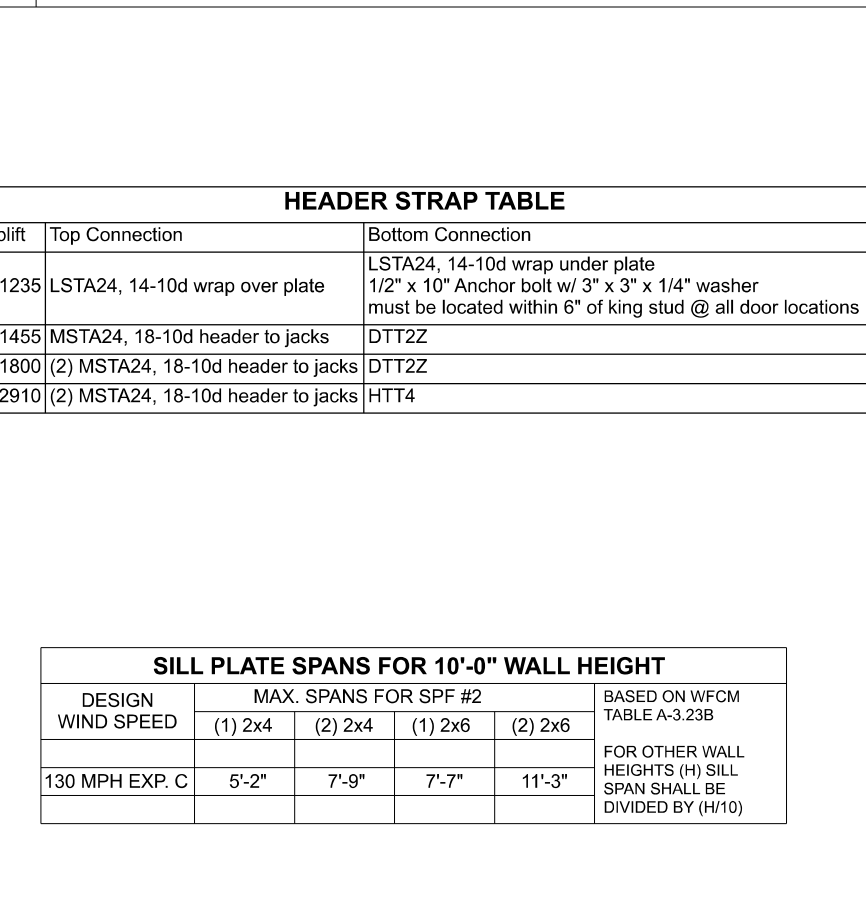


(TYP.) GABLE WALL w/ VAULTED CEILING
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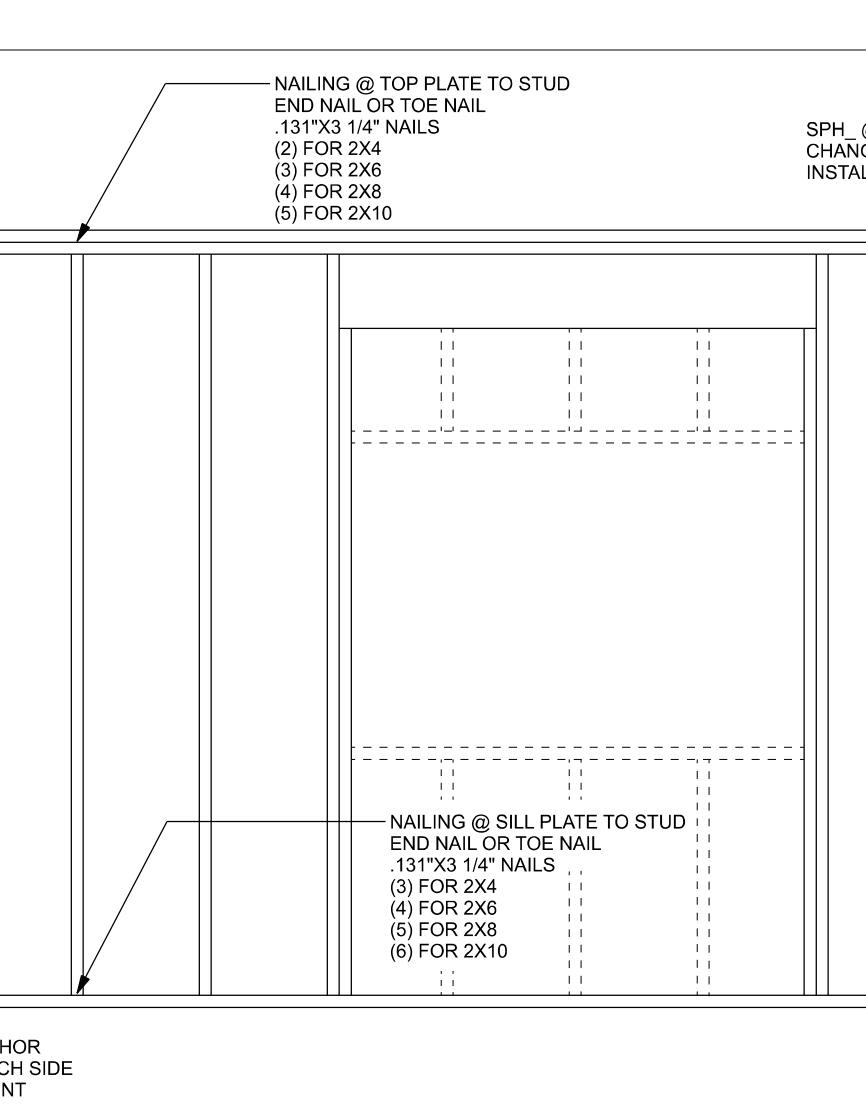


(TYP.) PORCH POST
ONE STORY WOOD

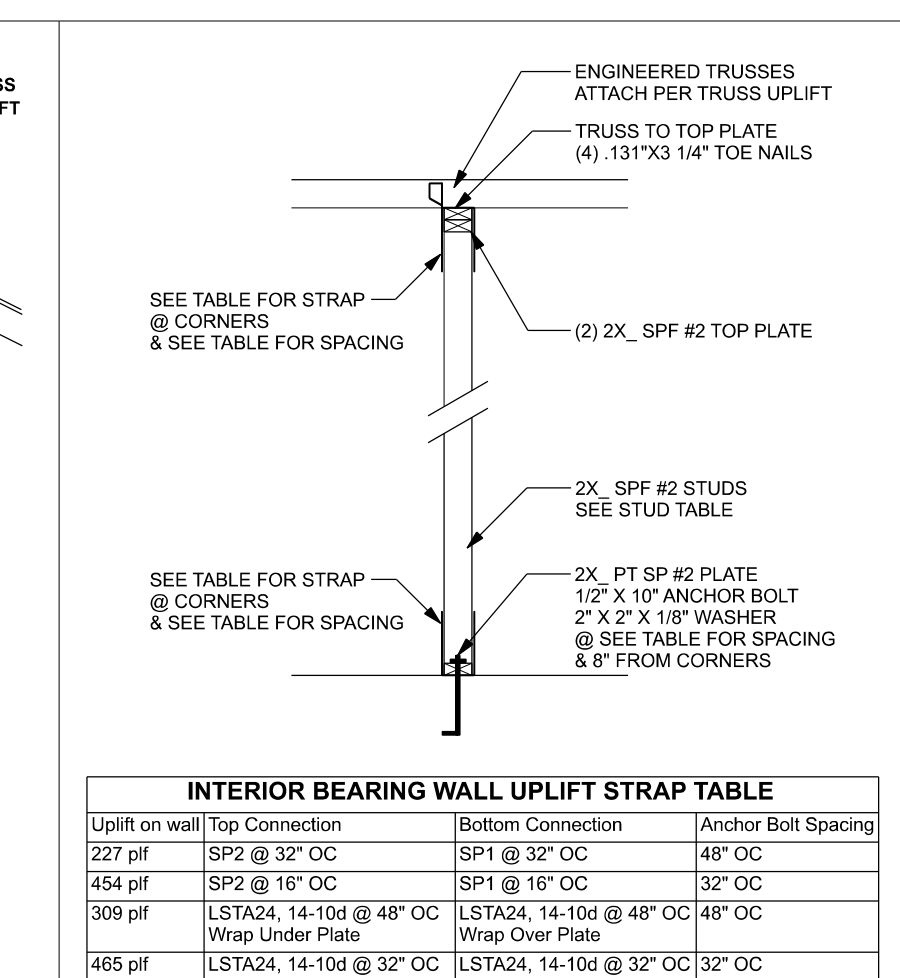
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ONE STORY WOOD



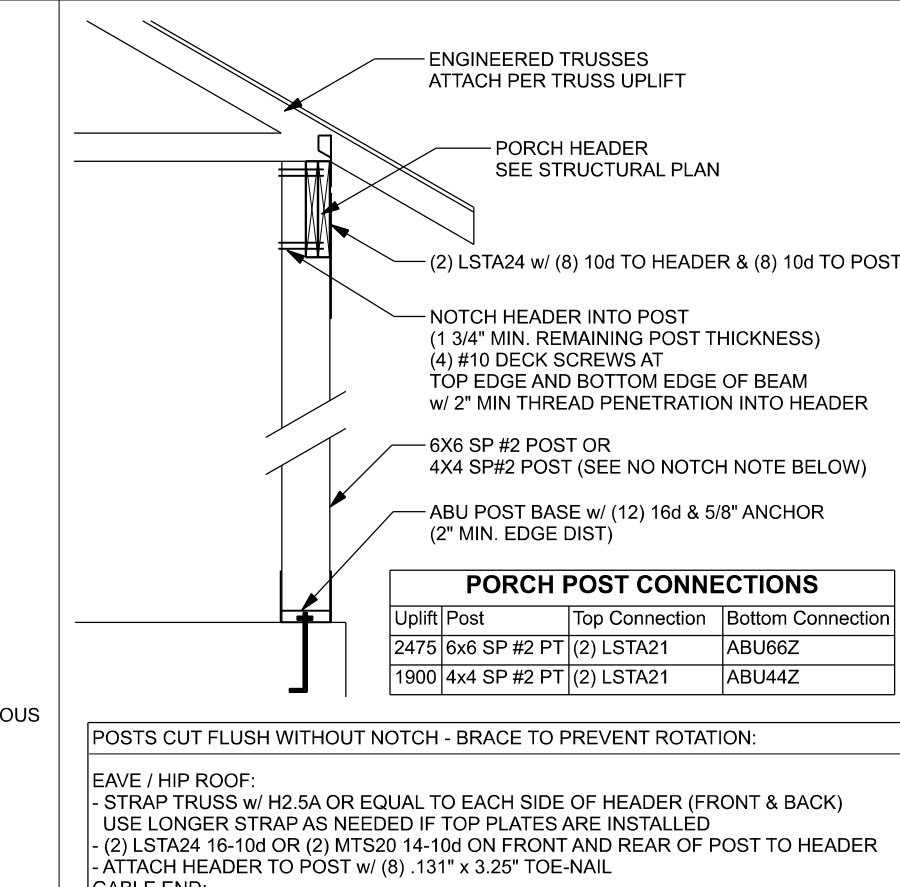
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

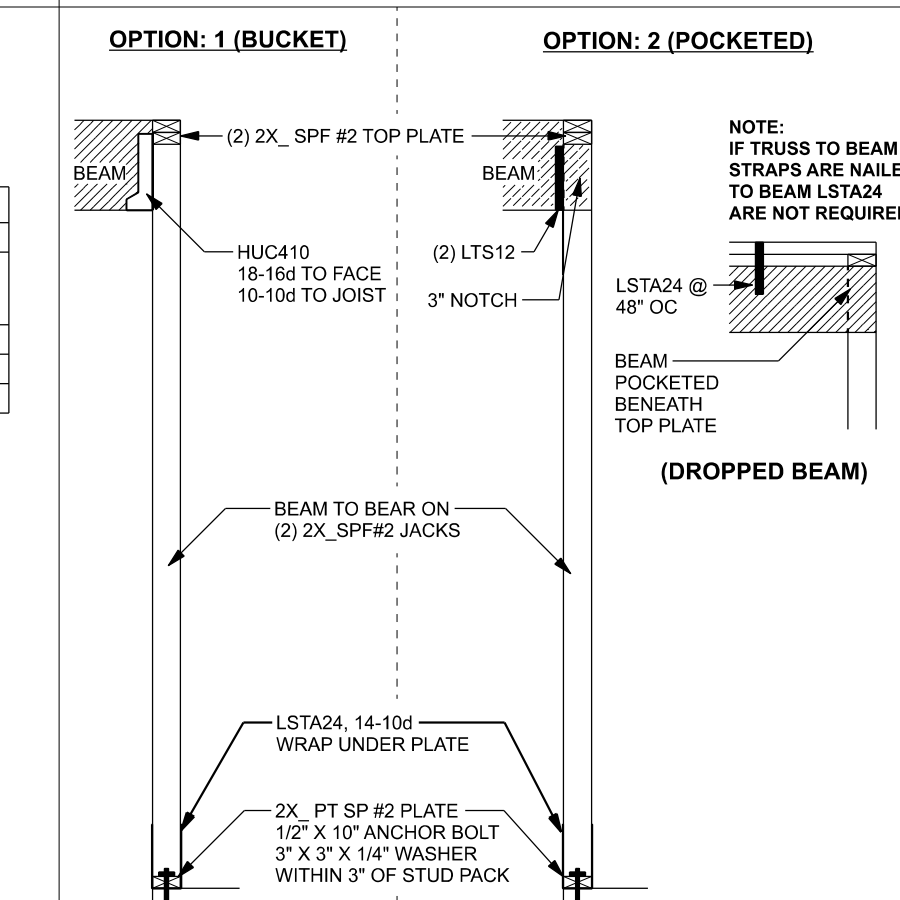


(TYP.) INTERIOR BEARING WALL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

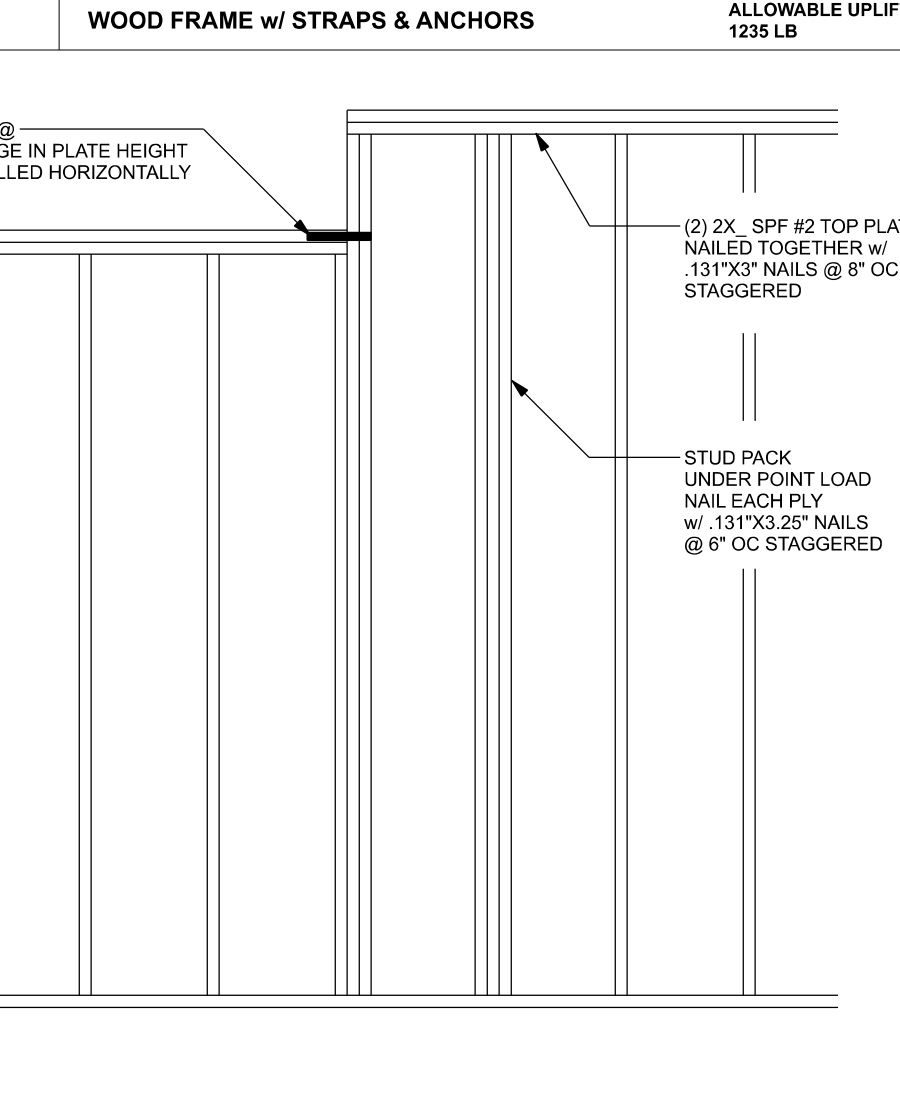


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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

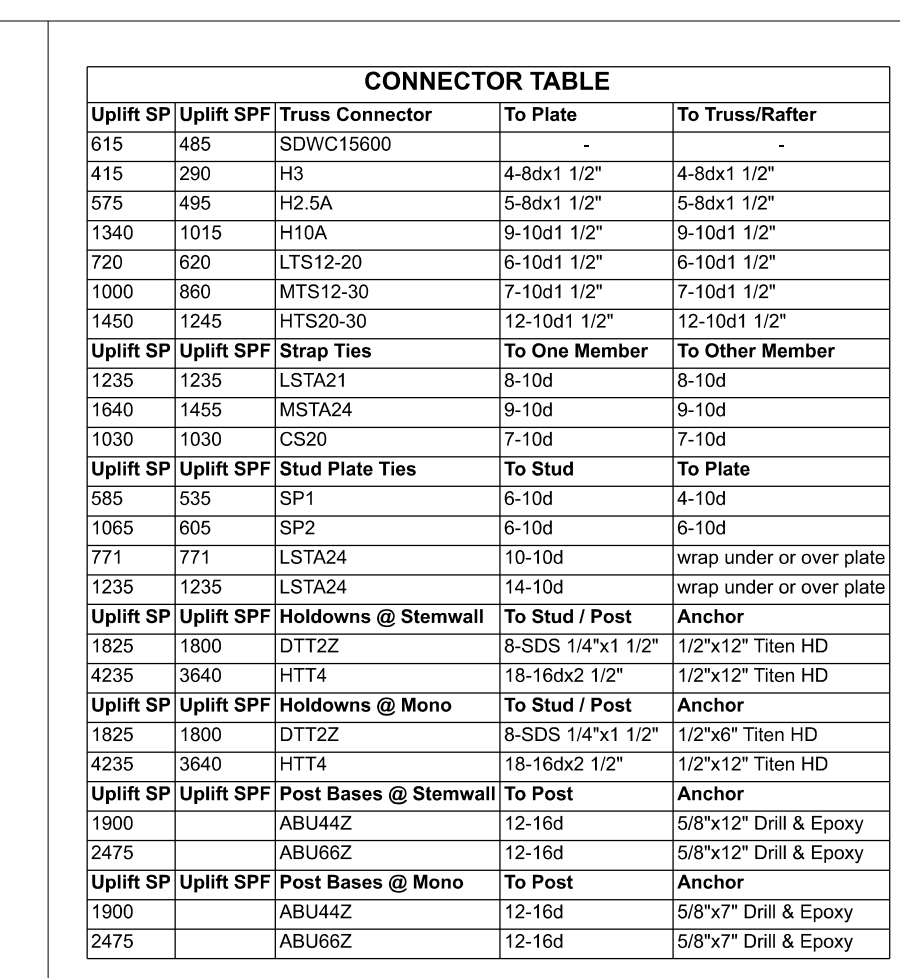
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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



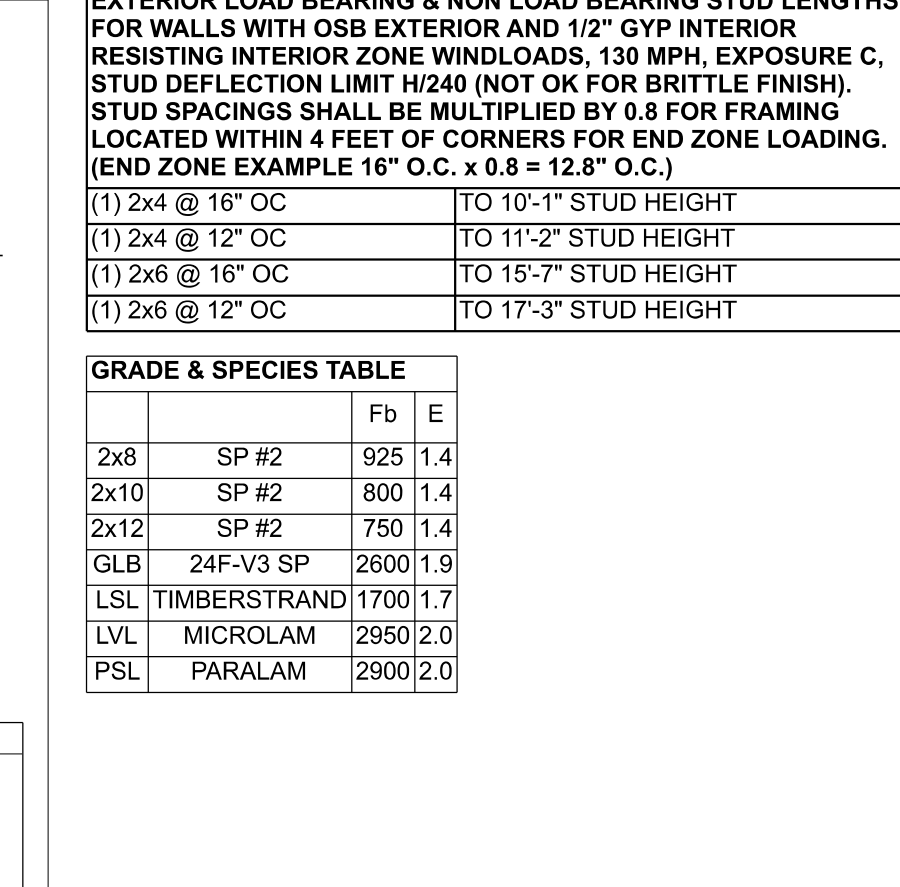
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS

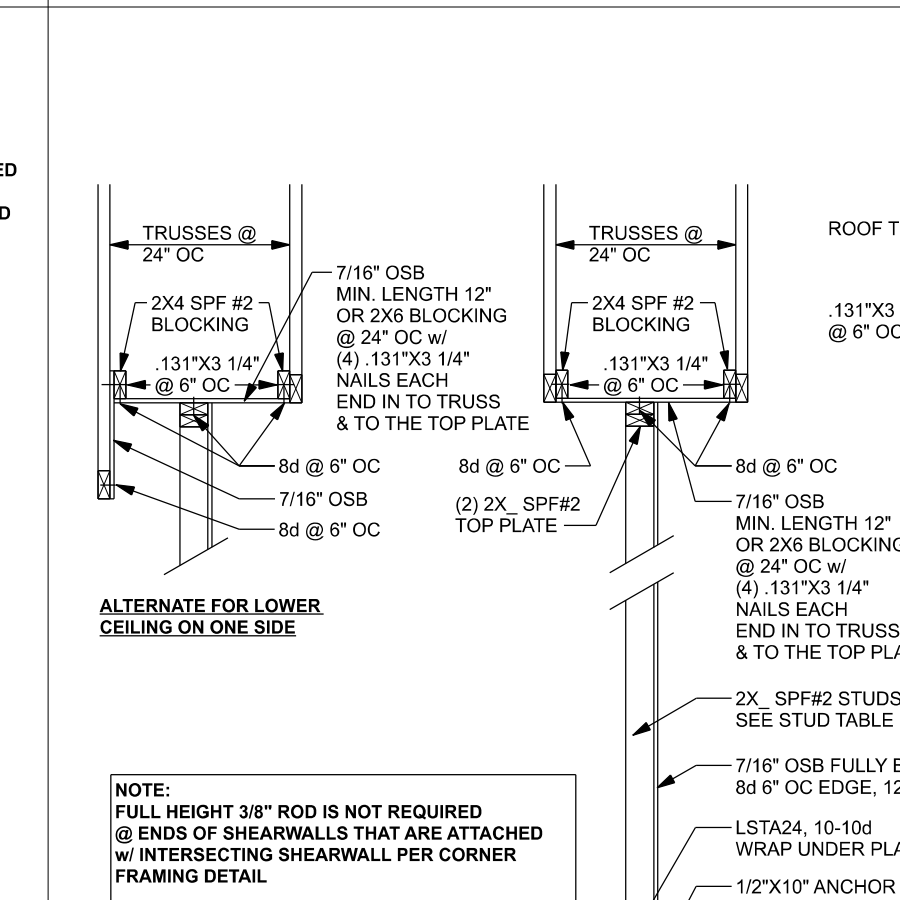


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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

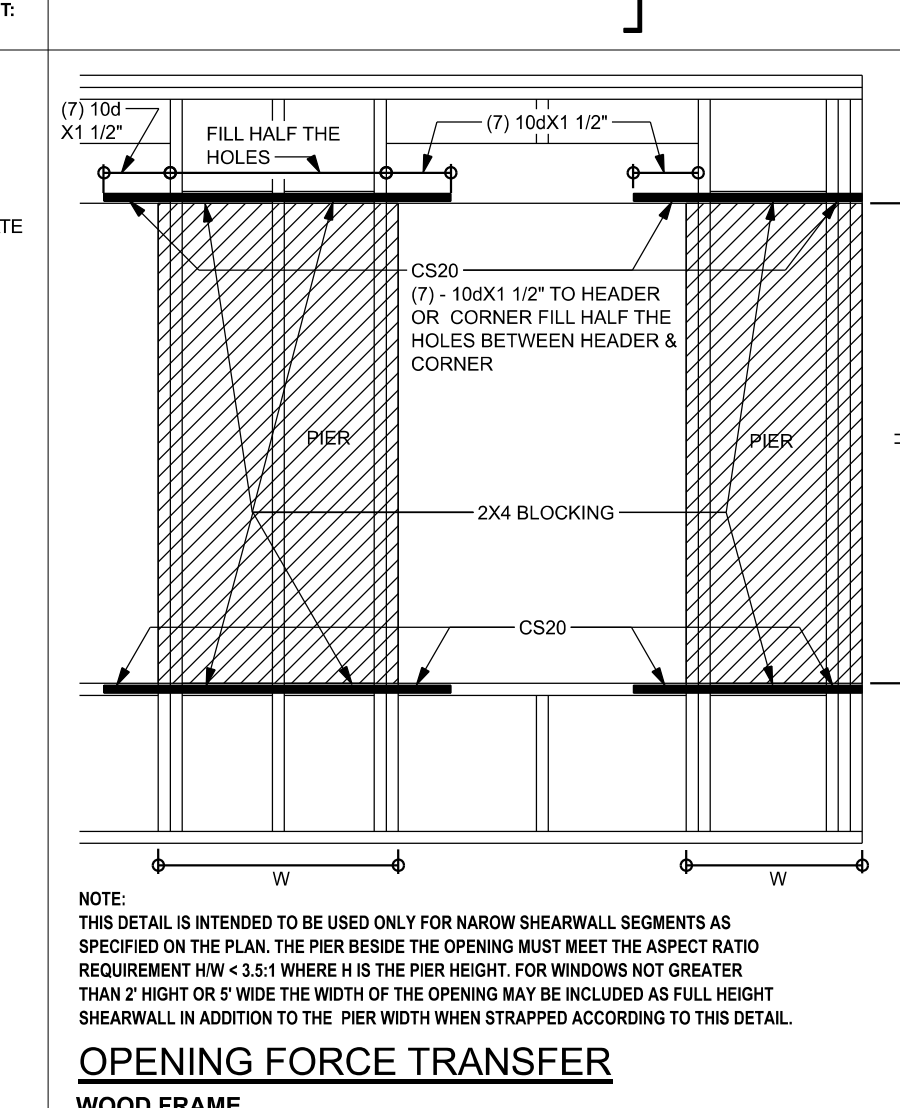


(TYP.) INTERIOR BEARING WALL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

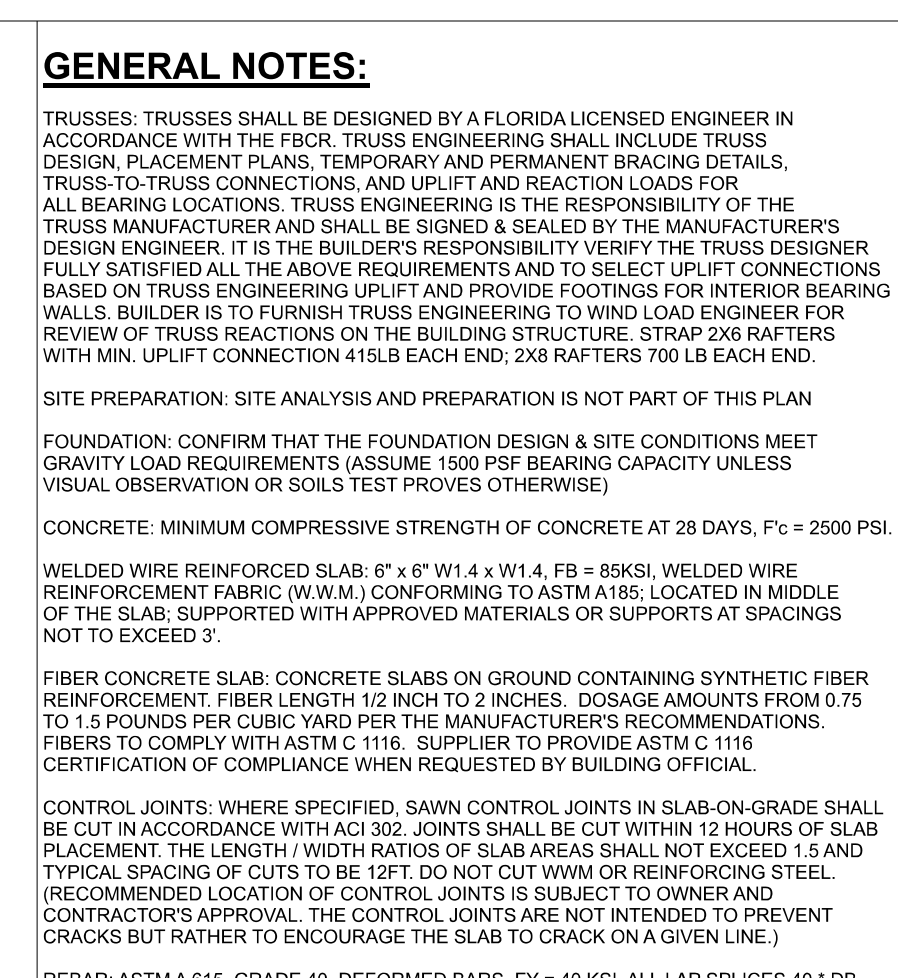
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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



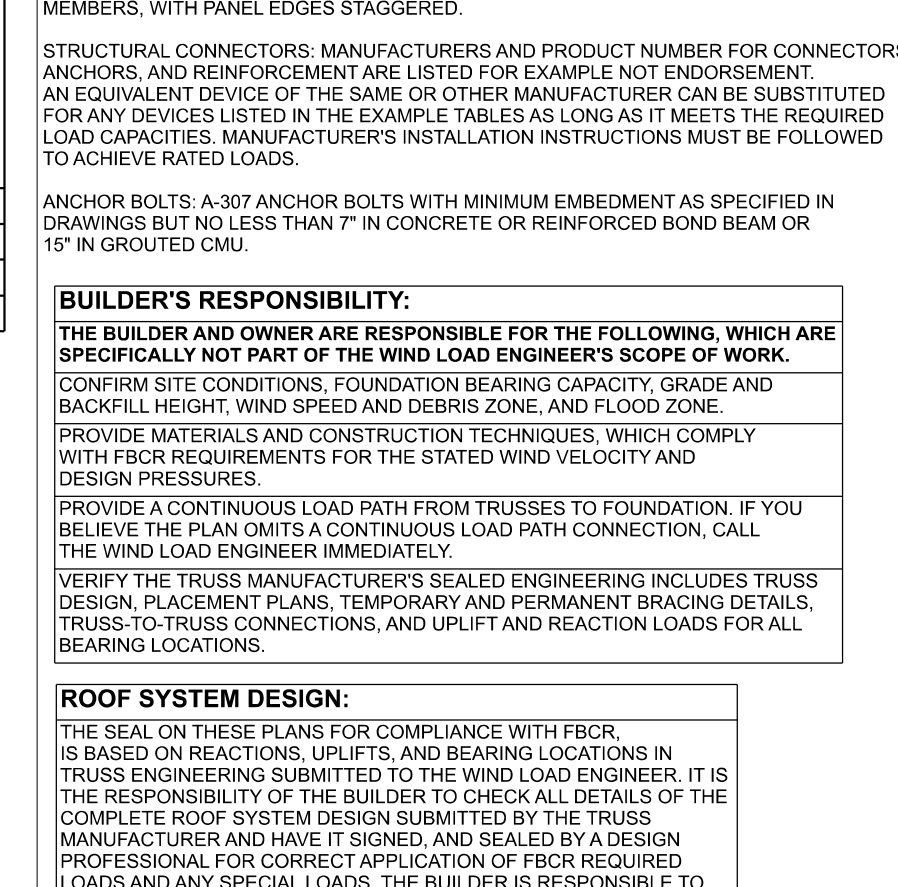
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WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS

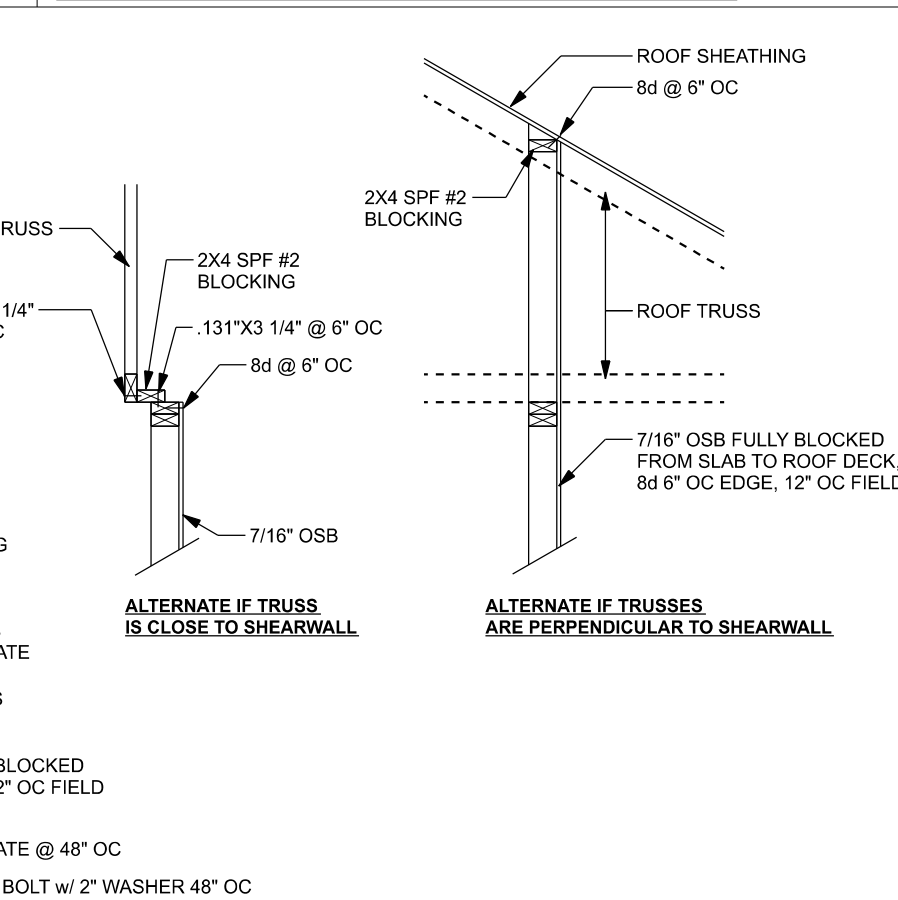


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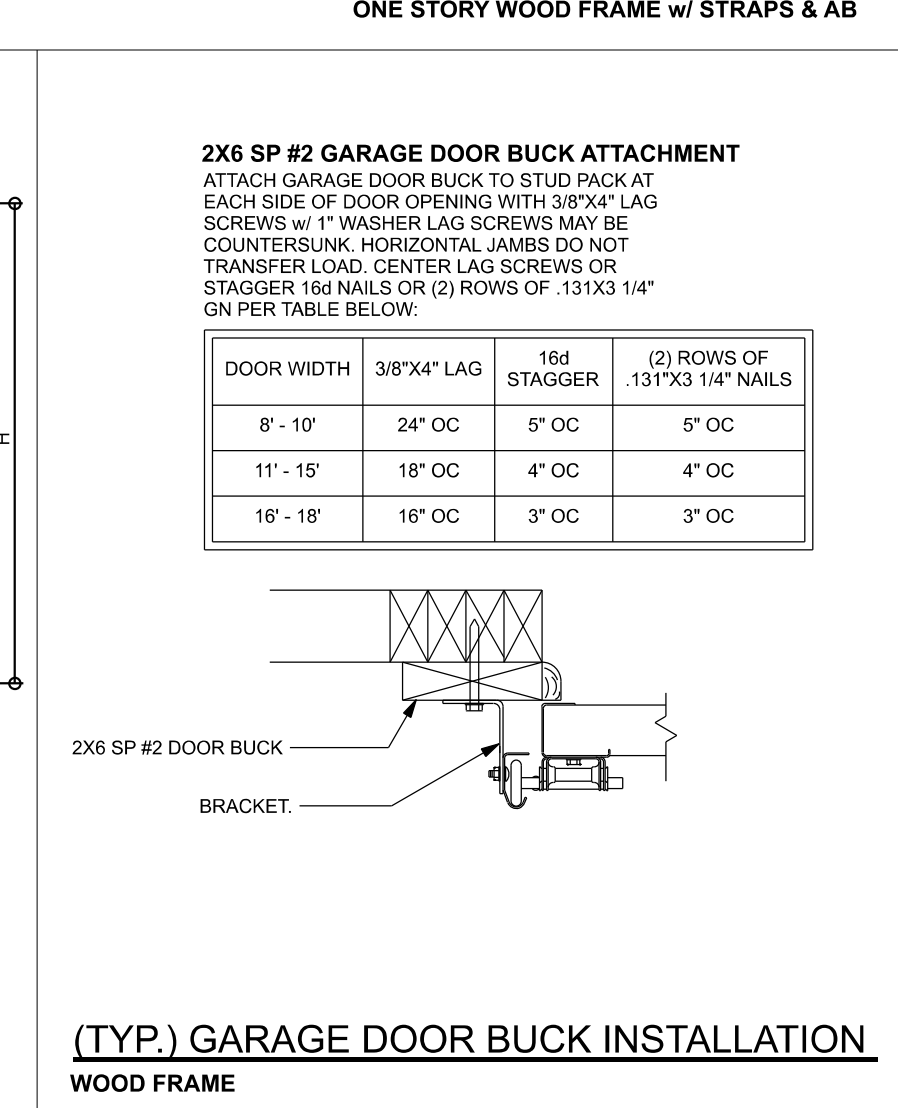


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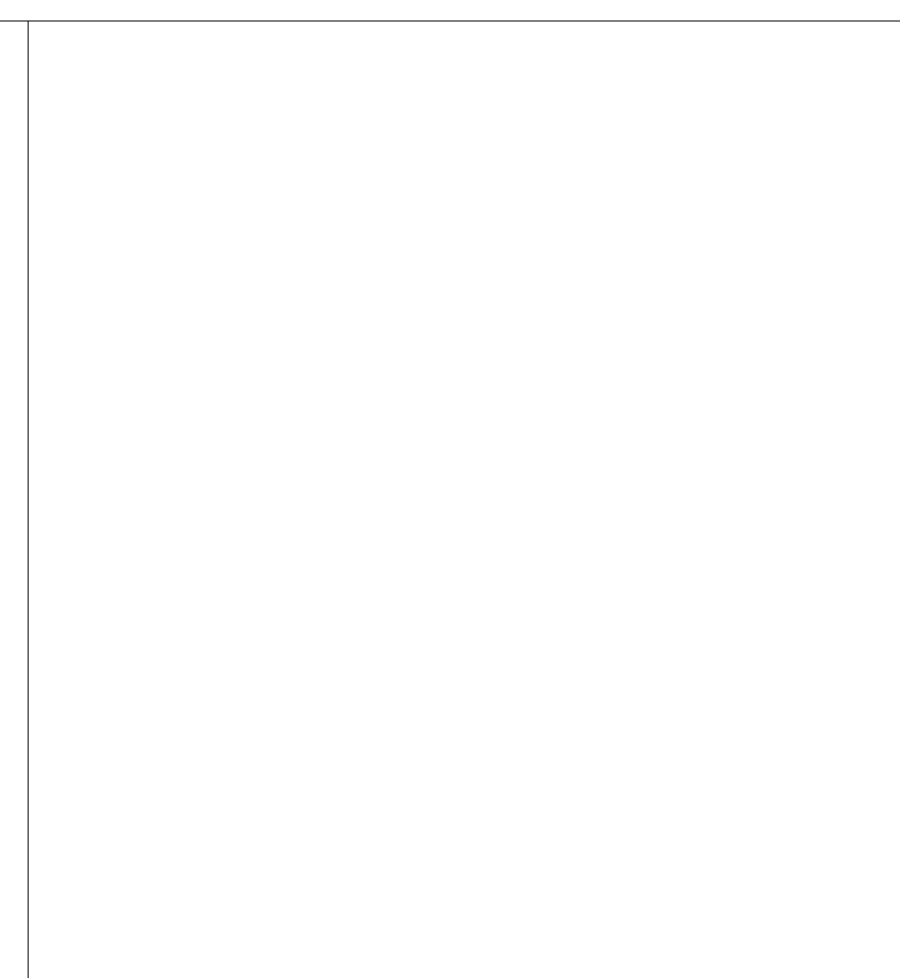
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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



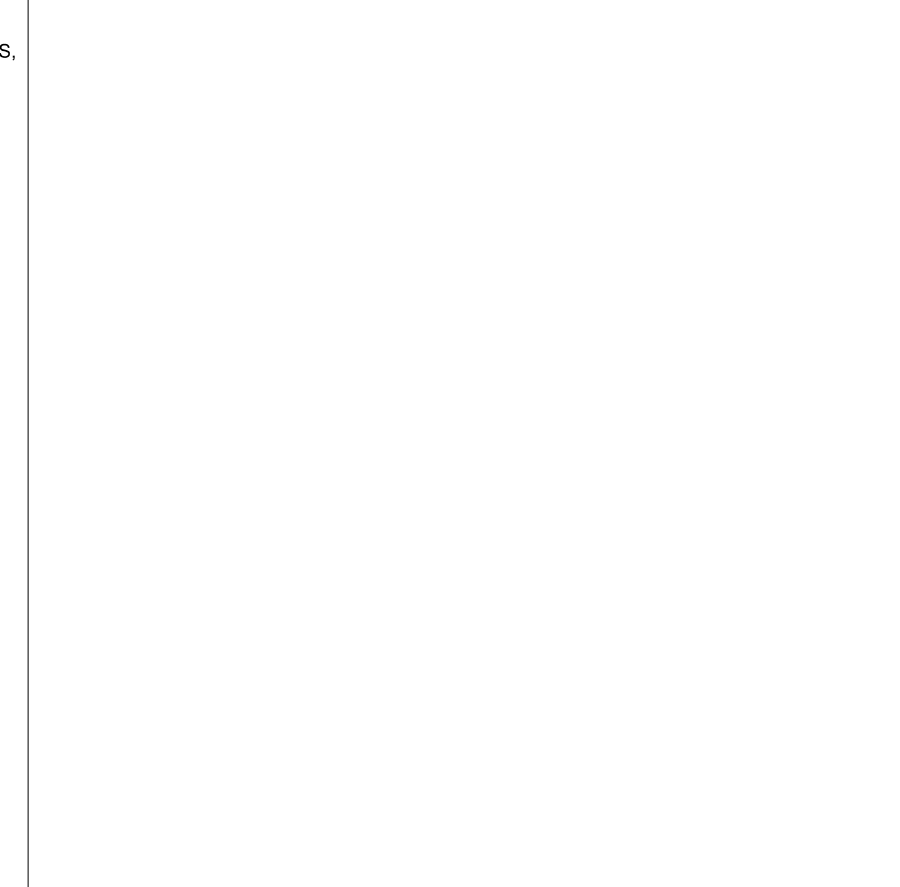
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) INTERIOR BEARING WALL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

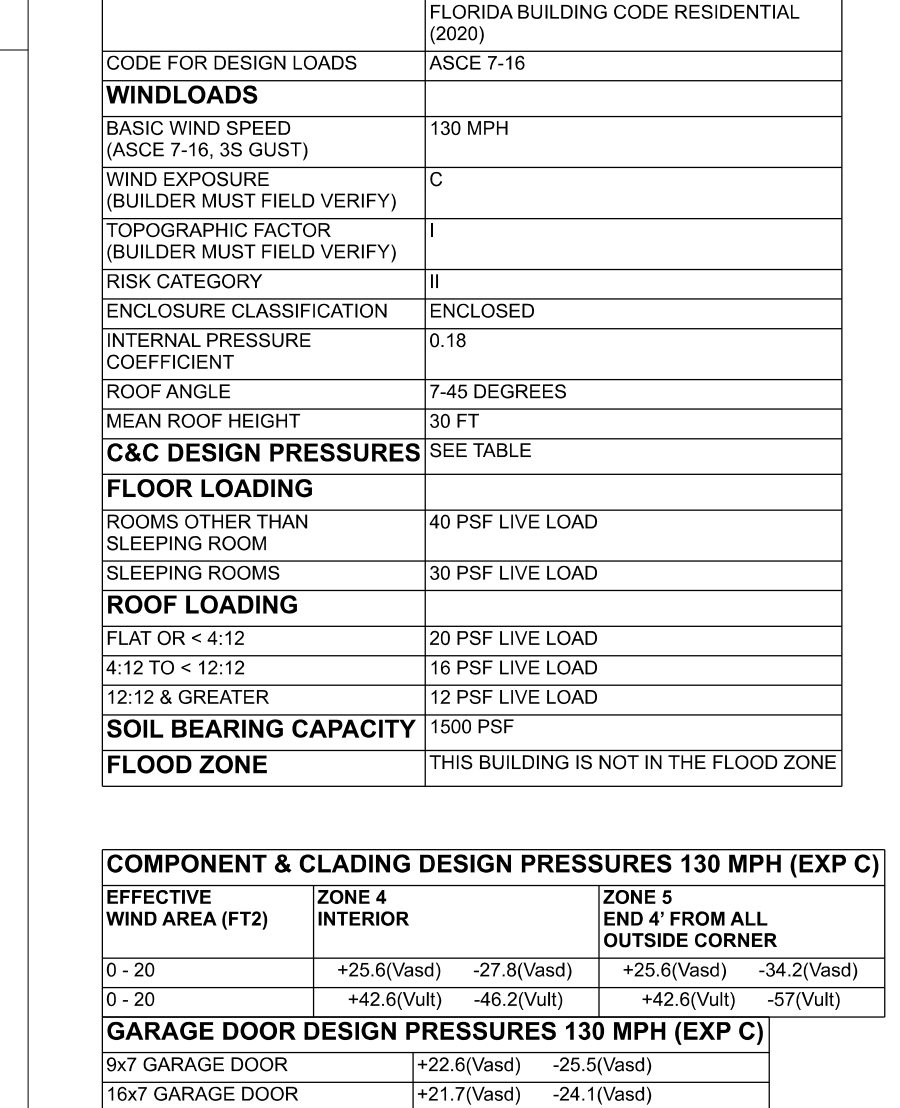


(TYP.) INTERIOR BEARING WALL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

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ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS

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WOOD FRAME w/ STRAPS & ANCHORS

BRYAN ZECHER CONSTRUCTION

ELINKAS RESIDENCE

PROJECT ADDRESS: 197 SW PINEHART DR LANE CITY, FLORIDA

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

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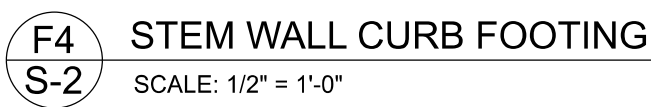
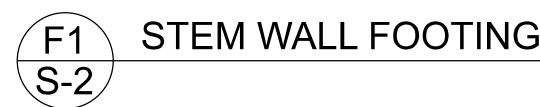
MARK DISOWAY P.E. 53915

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JOB NUMBER: 211423

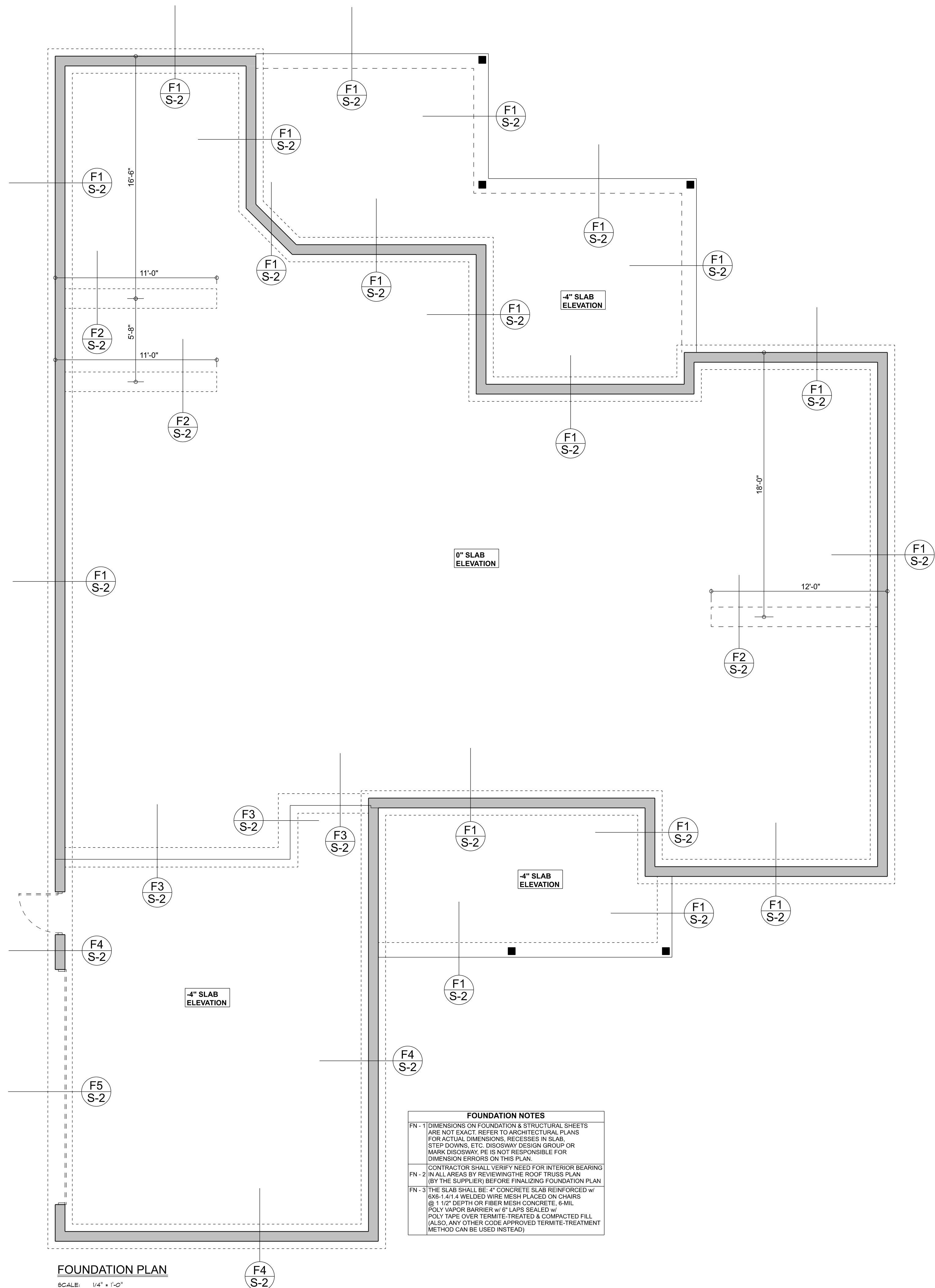
S-1
OF 3 SHEETS



The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed around the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is 12' or higher, use a Durawall saddle for rebar. #5 CMU vertically or a horizontal bond beam with #4s continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.								
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)			
		#5	#7	#8	#5	#7	#8	
3.3	3.0	96	96	96	96	96	96	
4.0	3.7	96	96	96	96	96	96	
4.7	4.3	88	96	96	96	96	96	
5.3	5.0	56	96	96	96	96	96	
6.0	5.7	40	80	96	80	96	96	
6.7	6.3	32	56	80	56	96	96	
7.3	7.0	24	40	56	40	80	96	
8.0	7.7	16	32	48	32	64	80	
8.7	8.3	8	24	32	24	48	64	
9.3	9.0	8	16	24	16	40	48	

MASONRY NOTE:	
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/MS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRINKING DRAWINGS, ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.	
	Specific Requirements
1.AA	ACI308-1-02 Section 8" block bearing walls F'm = 1500 psi
2.1	Mortar ASTM 211, Type N, UTM
2.2	Grout ASTM C-476, admixtures require approval
2.3	CMU standard ASTM C 90-02, Normal weight, hollow, medium surface finish, 16" x 16" x 8" nominal, 12" x 12" or 16" x 16" column block
2.3	Clay brick standard ASTM C 216-02, Grade SW, Type FBS, 5.5"x7.5"x11.5"
2.4	Reinforcing bars, #3 - #11 ASTM 615, Grade 60, Fy = 40 ksi, Lap splice min 40 bar dia. (25d)
2.4F	Coating for corrosion protection Anchors, steel metal ties completely embedded in mortar or grout, ASTM A305, Class GR60, 0.60 min yield, 0.345S
2.4F	Coating for corrosion protection Joint reinforcement in walls exposed to moisture or wet ties, anchors, steel metal ties not completely embedded in mortar or grout, ASTM A193, Class, B2, 1.50 oz/ft ² or 0.045S
3.3.E.2	Pipes, conduits, and accessories Any not shown on the project drawings require engineering approval.
3.3.E.7	Movement joints Contractor assumes responsibility for type and location of movement joints if not shown on project drawings.

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



BRYAN ZECHER CONSTRUCTION

ELINSKAS RESIDENCE

PROJECT ADDRESS:
197 SW PINEHURST DR
LAKE CITY, FLORIDA

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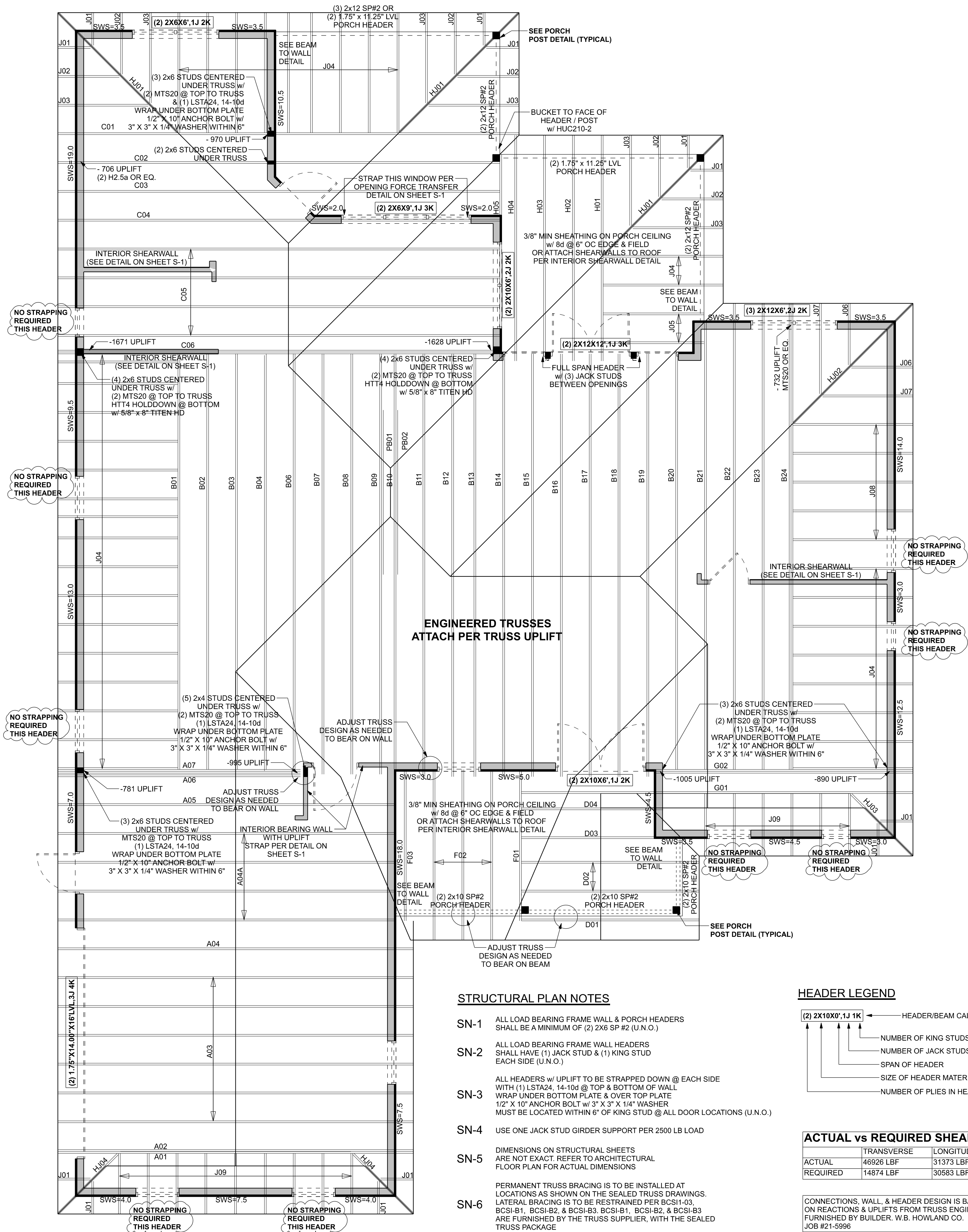
Tuesday, October 19, 2021

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S-2

OF 3 SHEETS



BRYAN ZECHER CONSTRUCTION

ELINSKAS RESIDENCE

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S-3
OF 3 SHEETS