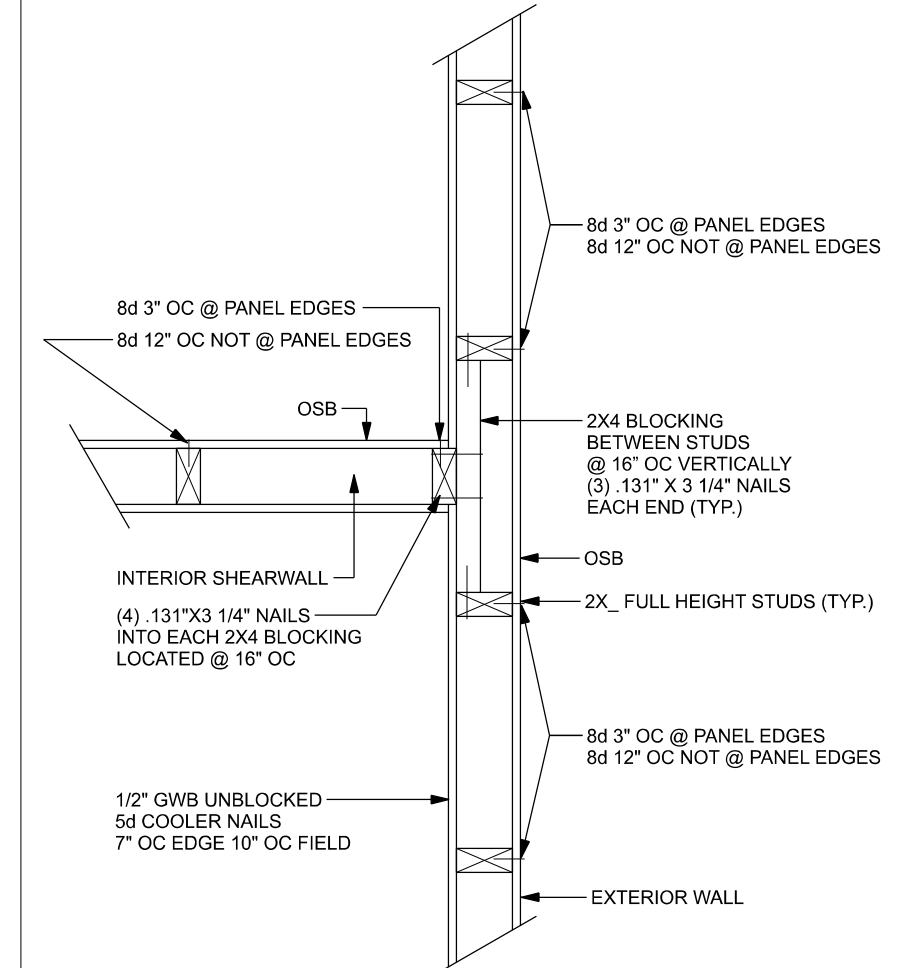
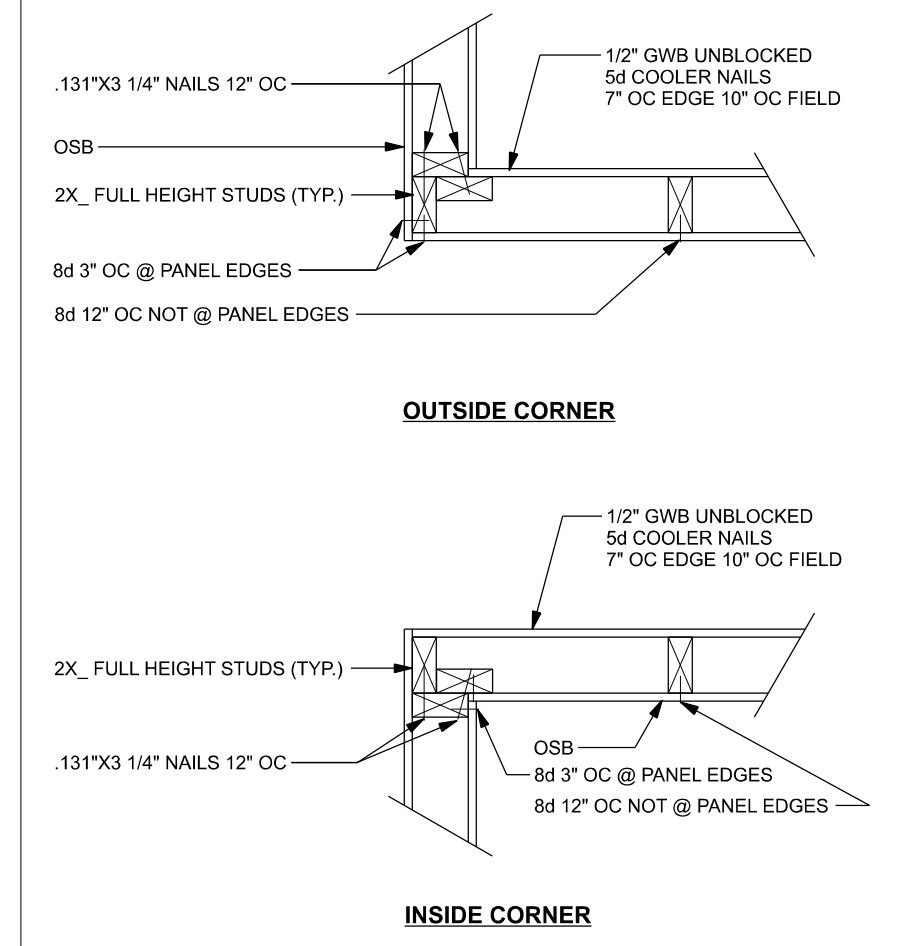


ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"



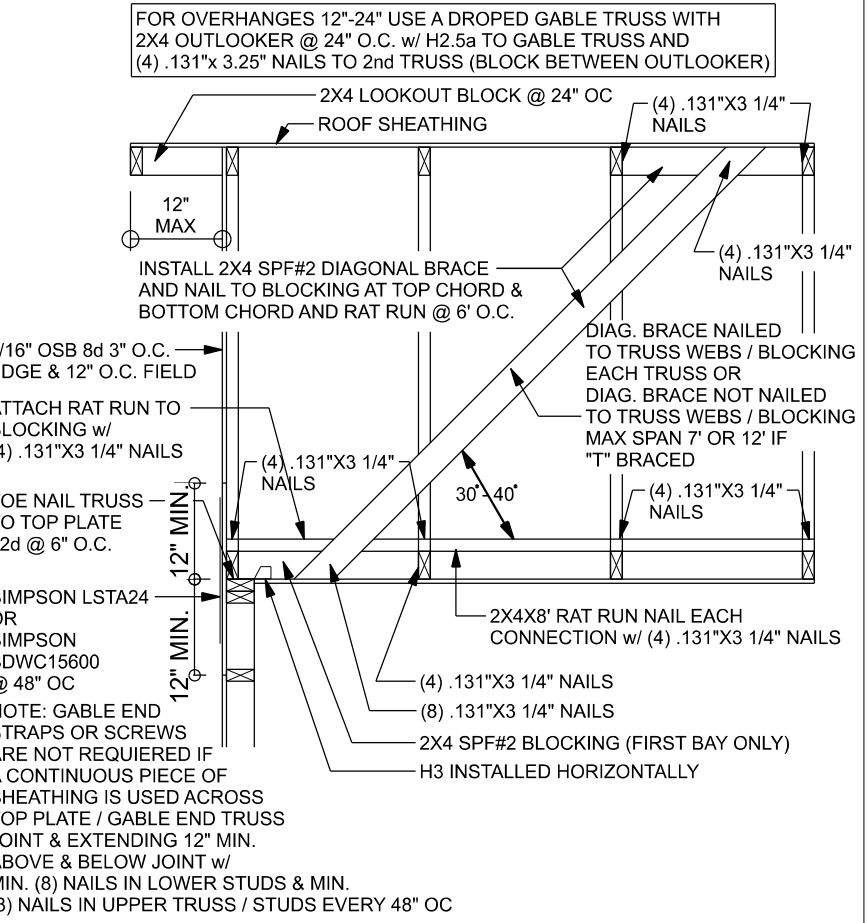
(TYP.) INTERSECTING WALL FRAMING
WOOD FRAME



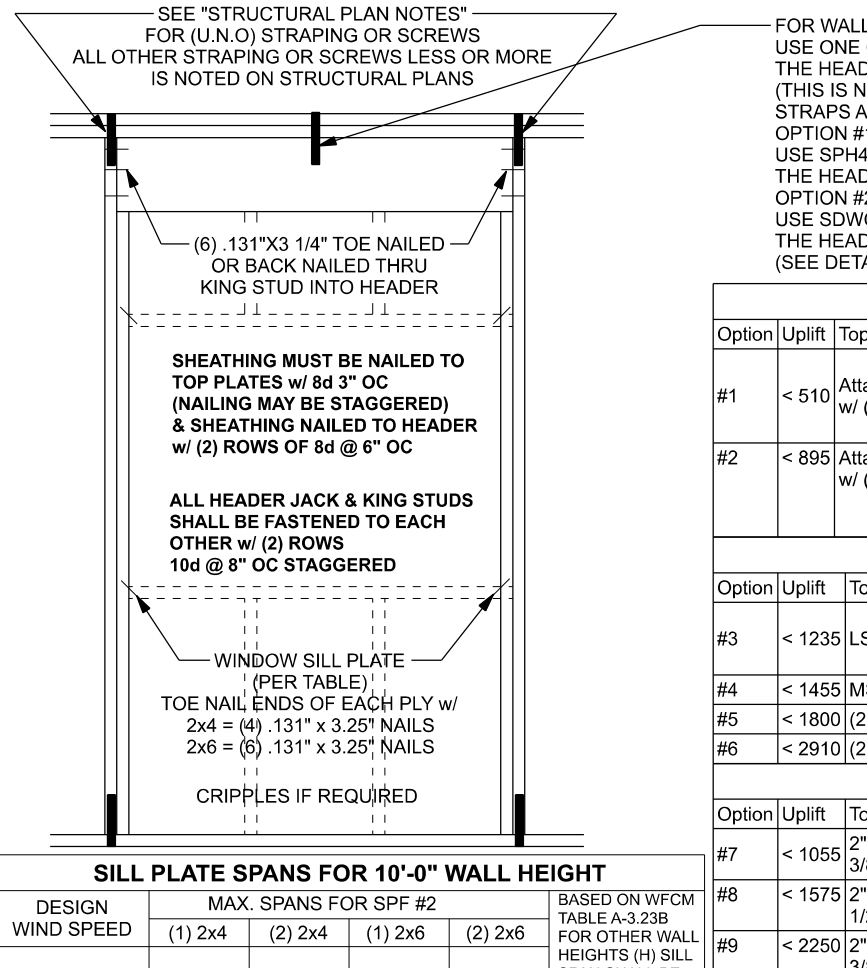
(TYP.) CORNER FRAMING
WOOD FRAME

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

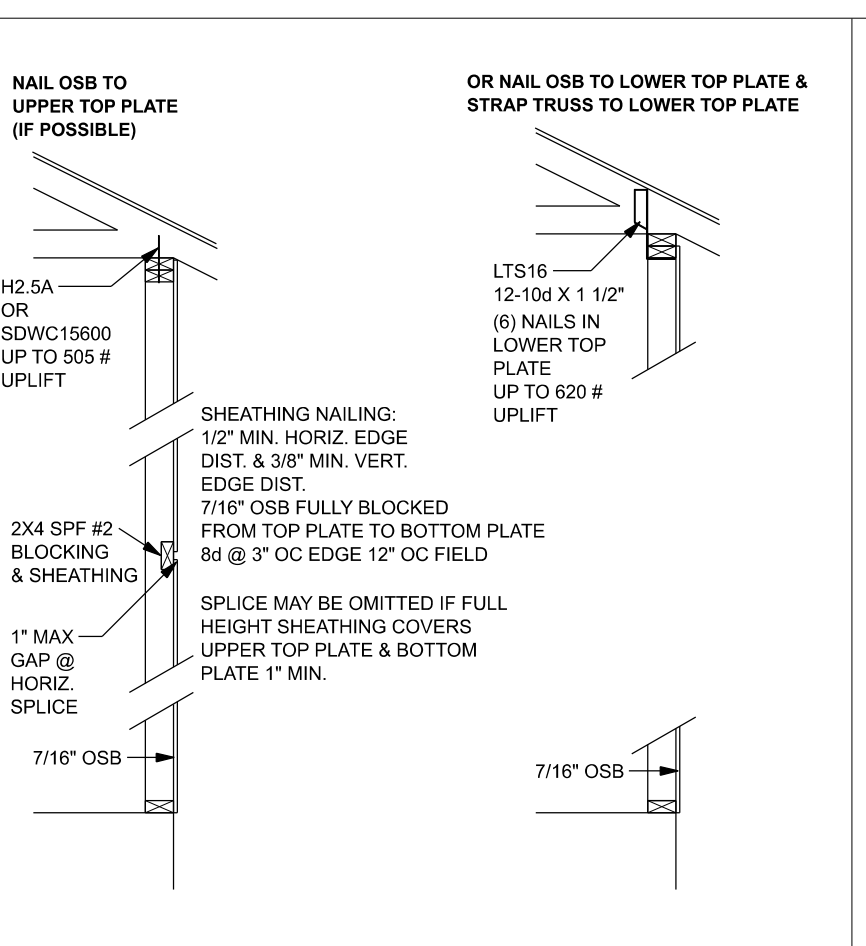
Note: For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field. Note: This table specifies 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.



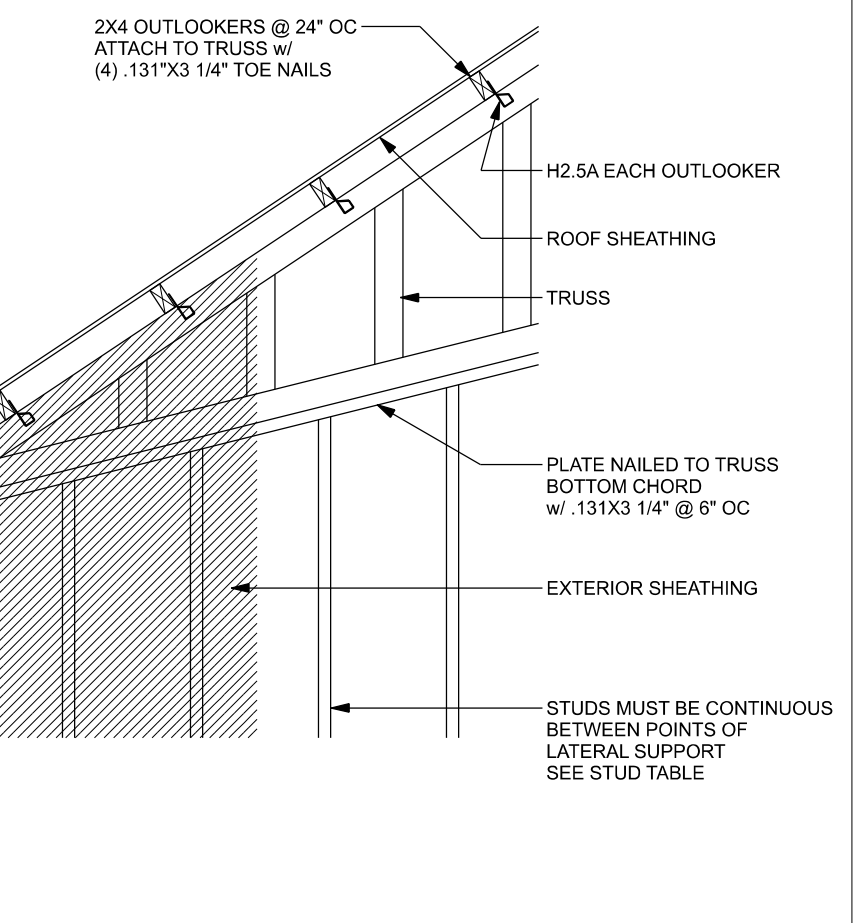
(TYP.) GABLE BRACING DETAIL
WOOD FRAME



(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



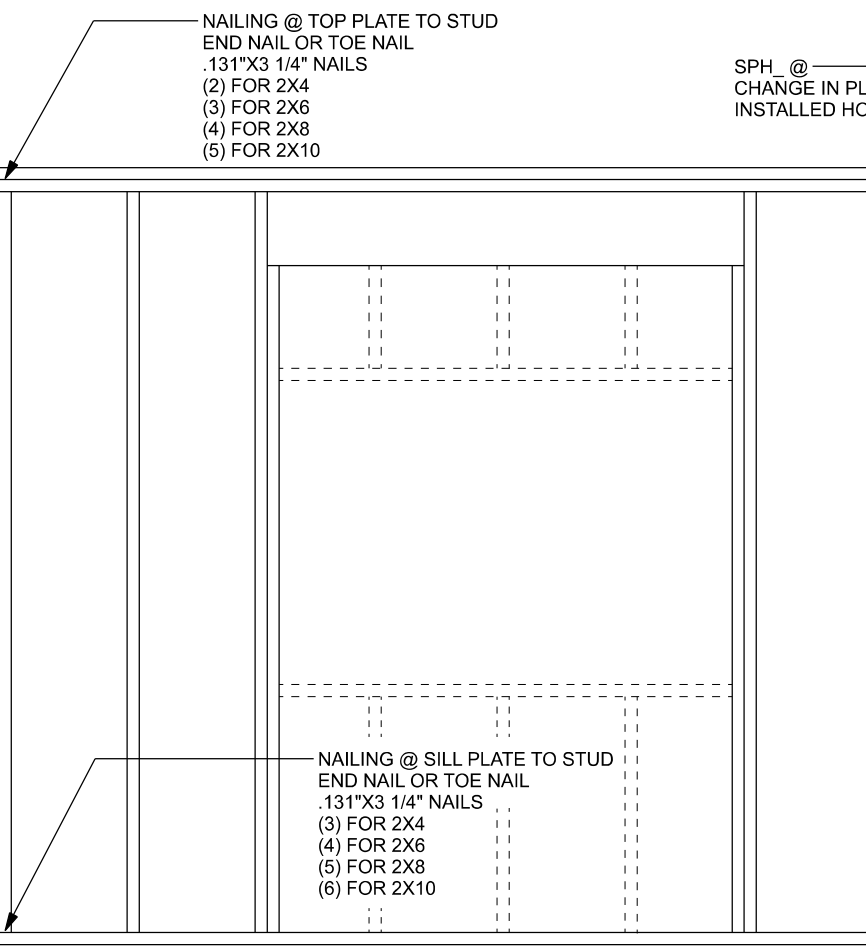
(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME



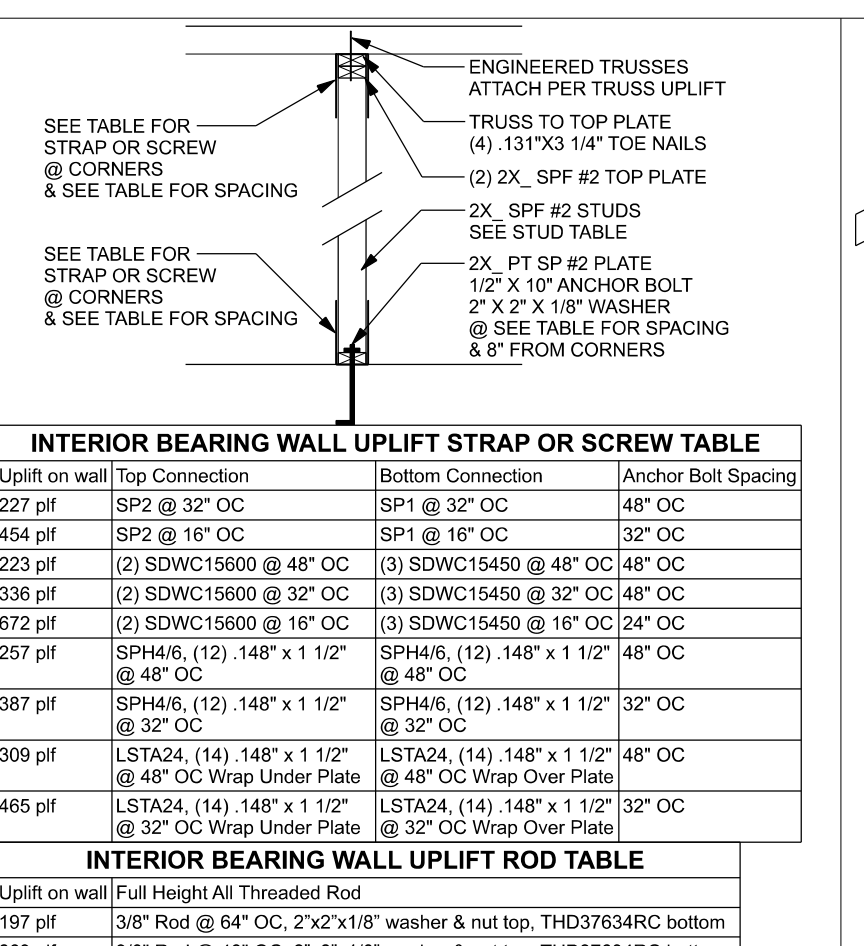
(TYP.) PORCH POST
ONE STORY WOOD

HEADER SCREWS TABLE			
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 SDWC15450 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	
#2	< 895 Attach king stud to top plate w/ (2) Simpson SDWC15600	Attach king stud to bottom plate w/ (3) Simpson SDWC15450 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	
HEADER STRAP TABLE			
Option/Uplift	Top Connection	Bottom Connection	
#3	< 1235 LSTA24, (14), 148" x 1 1/2" wrap over plate	LSTA24, (14), 148" x 1 1/2" wrap under 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	
#4	< 1455 MSTA24, 18-148"x1 1/2" header to jacks	DTT22	
#5	< 1800 (2) MSTA24, 18-148"x1 1/2" header to jacks	DTT22	
#6	< 2910 (2) MSTA24, 18-148"x1 1/2" header to jacks	HTT4	
HEADER FULL HEIGHT ROD TABLE			
Option/Uplift	Top Connection	Bottom Connection	
#7	< 1055 3/8" full height A307 all threaded rod	3/8" full height A307 all threaded rod	
#8	< 1575 2" x 2" x 1/8" washer & nut @ top plate 1/2" full height A307 all threaded rod	Simpson THD50034RC 1/2" full height A307 all threaded rod	
#9	< 2250 3/8" full height A307 all threaded rod	Simpson SET-XP epoxy (or equal) w/ 7.5" min. embedment (install per mfg. specs) 3/8" full height A307 all threaded rod	

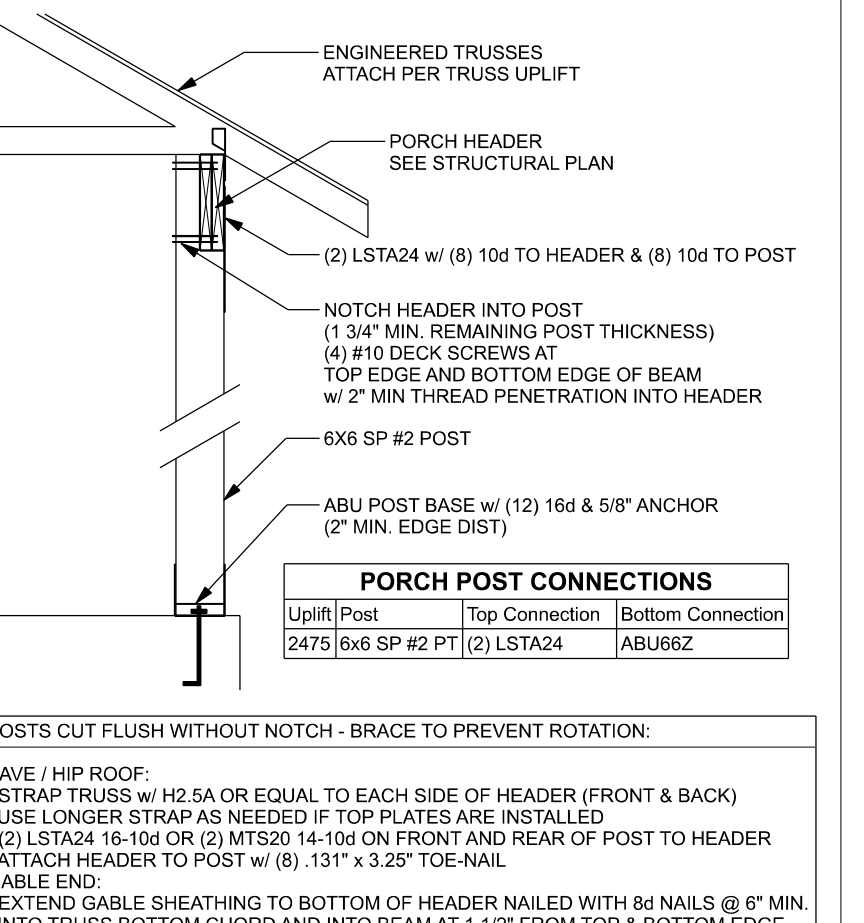
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



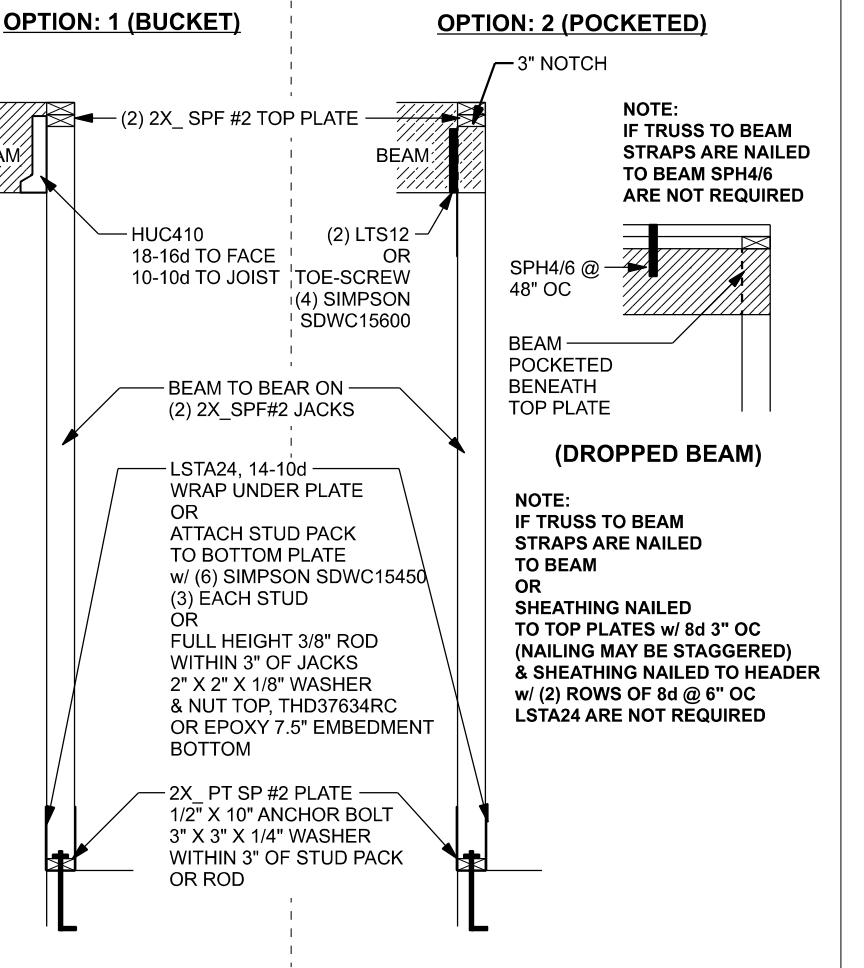
(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



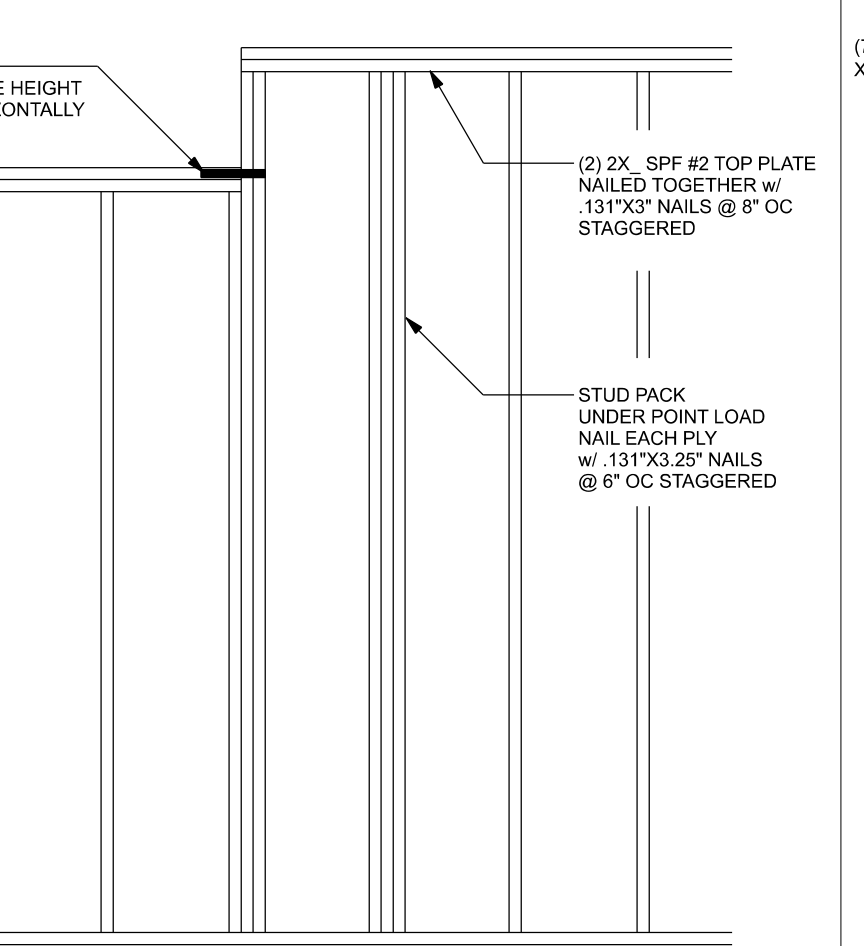
(TYP.) INTERIOR BEARING WALL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



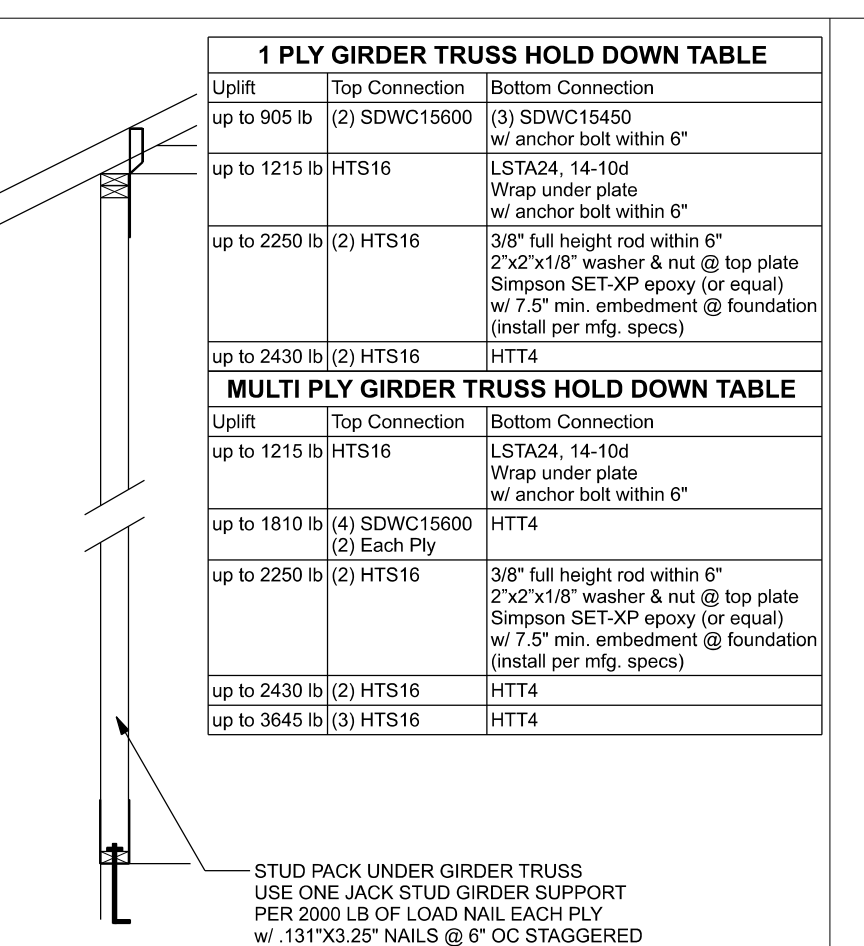
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



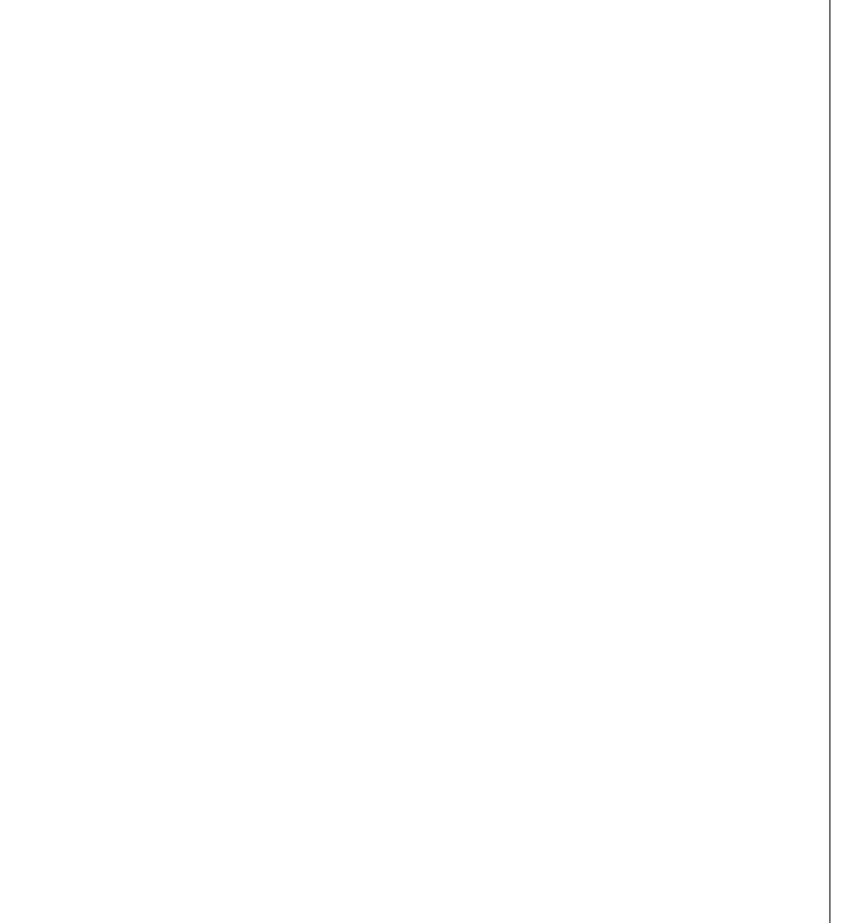
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WOOD FRAME w/ STRAPS & ANCHORS



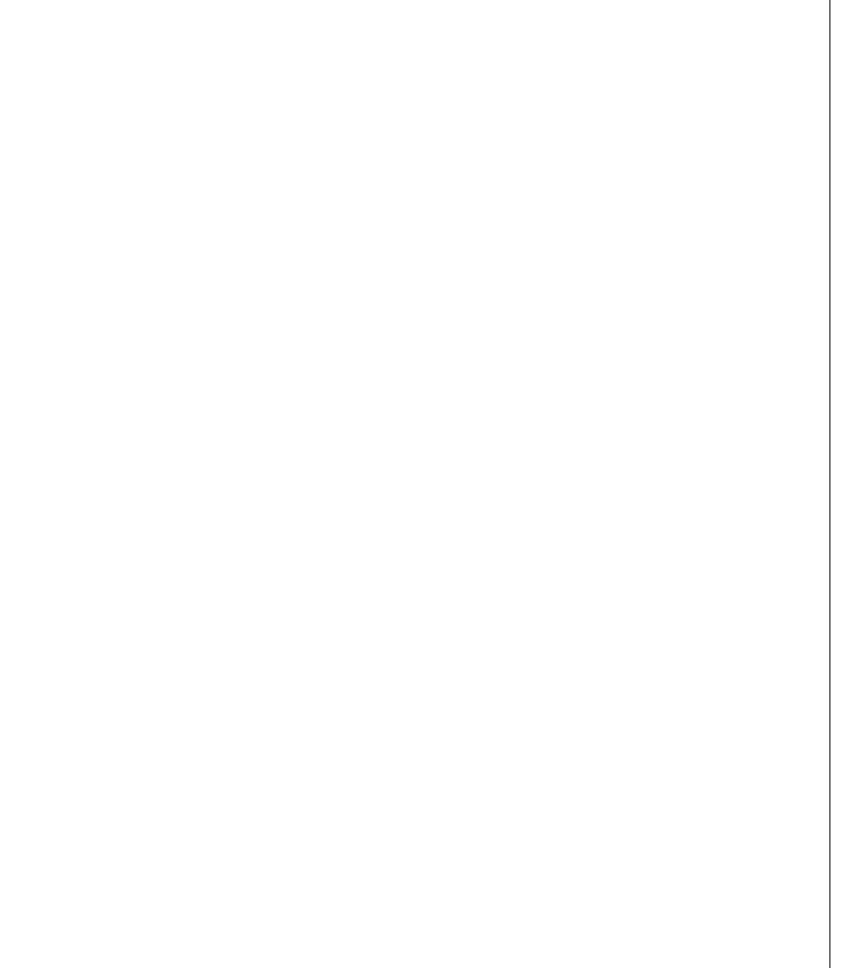
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



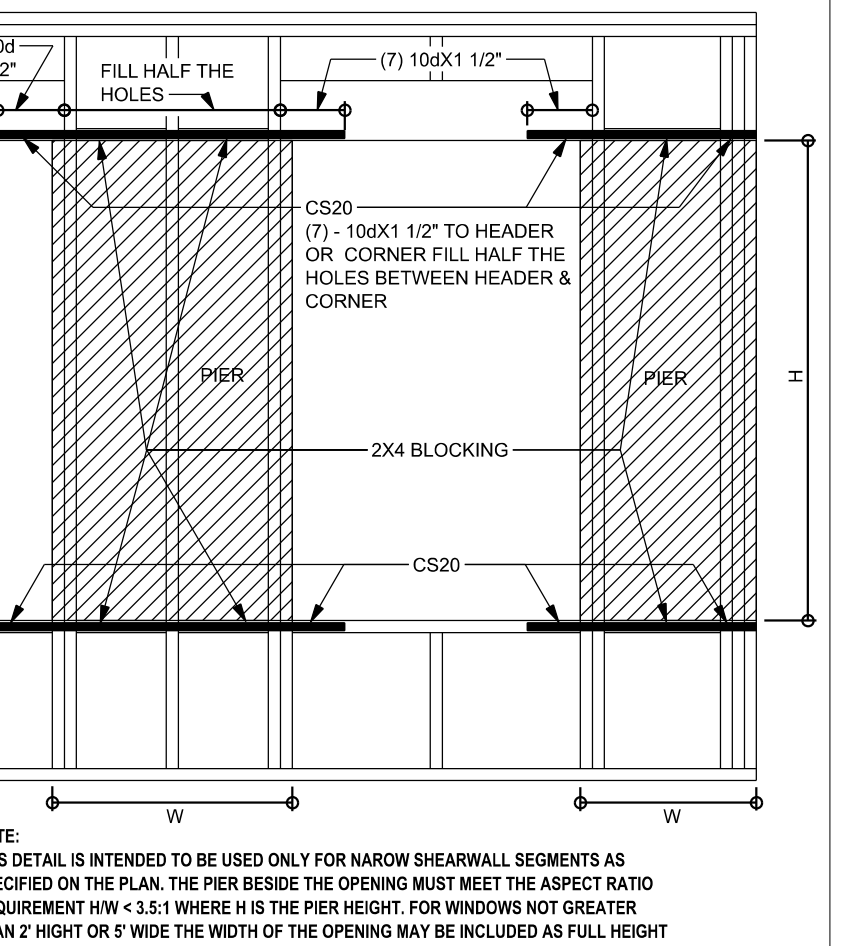
(TYP.) GIRDER TRUSS HOLD DOWN DETAIL
WOOD FRAME w/ STRAPS & ANCHORS



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



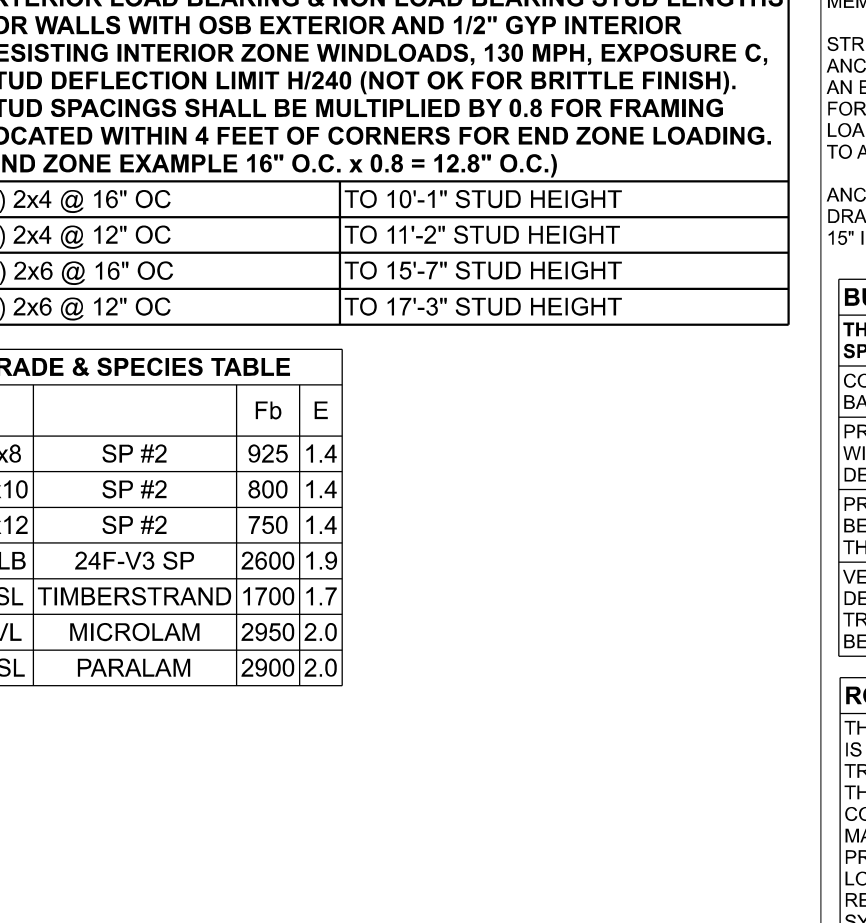
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



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

CONNECTOR TABLE				
Uplift SP Uplift SP#1 SP#2 Truss Connector	To Plate	To Truss/Rafter		
805 505 SDWC15600	-	-		
400 290 H3	4-131"x1 1/2"	4-131"x1 1/2"		
625 540 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 HTS12-30	7-148"x1 1/2"	7-148"x1 1/2"		
1415 1215 HTS16-30	8-148"x1 1/2"	8-148"x1 1/2"		
Uplift SP Uplift SP#1 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"		
1030 1030 CS30	7-148"x1 1/2"	7-148"x1 1/2"		
Uplift SP Uplift SP#1 Stud Plate Ties	To Stud	To Plate		
555 535 SP1	4-148"x3"	4-148"x3"		
1010 605 SP2	6-148"x3"	6-148"x3"		
1280 1100 SP4H/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 SP#1 Holdowns @ Stewall	To Stud / Post	Anchor		
2145 1835 DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD		
2435 3640 HTT4	18-162"x2 1/2"	1/2"x12" Titen HD		
Uplift SP Uplift SP#1 Holdowns @ Mono	To Stud / Post	Anchor		
2145 1835 DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD		
2435 3640 HTT4	18-162"x2 1/2"	1/2"x12" Titen HD		
Uplift SP Uplift SP#1 Post Bases @ Stewall	To Post	Anchor		
1900 ABU44Z	12-162"x3 1/2"	5/8"x12" Drill & Epoxy		
2475 ABU66Z	12-162"x3 1/2"	5/8"x12" Drill & Epoxy		
Uplift SP Uplift SP#1 Post Bases @ Mono	To Post	Anchor		
1900 ABU44Z	12-162"x3 1/2"	5/8"x12" Drill & Epoxy		
2475 ABU66Z	12-162"x3 1/2"	5/8"x12" Drill & Epoxy		

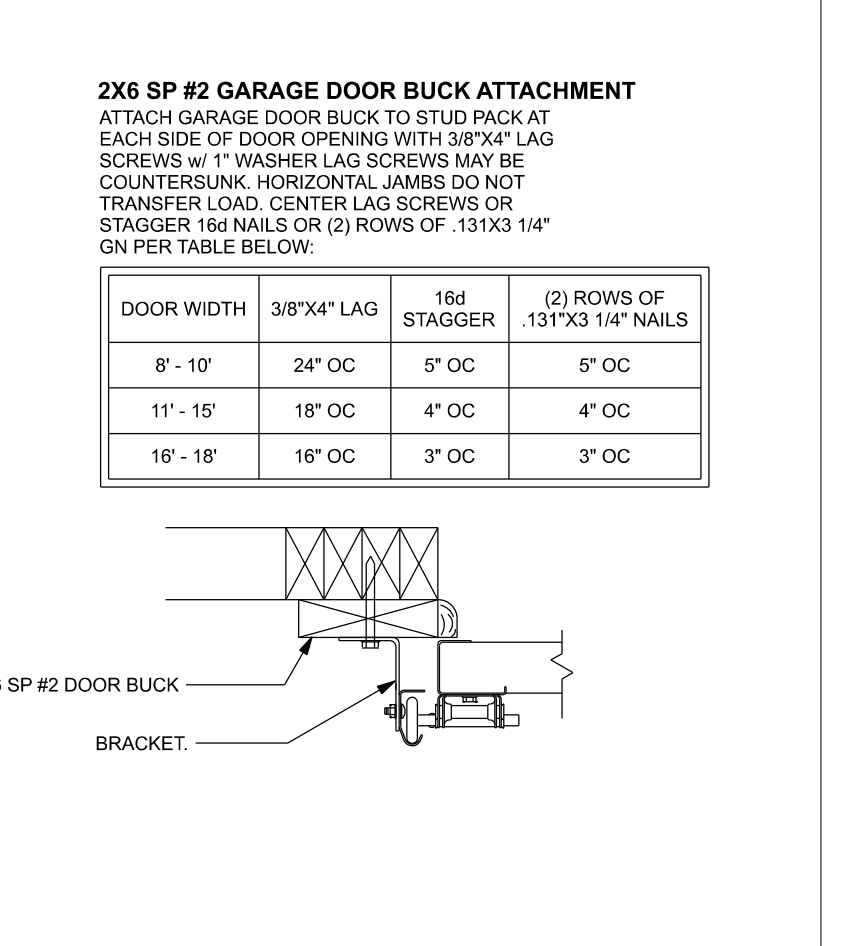
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



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



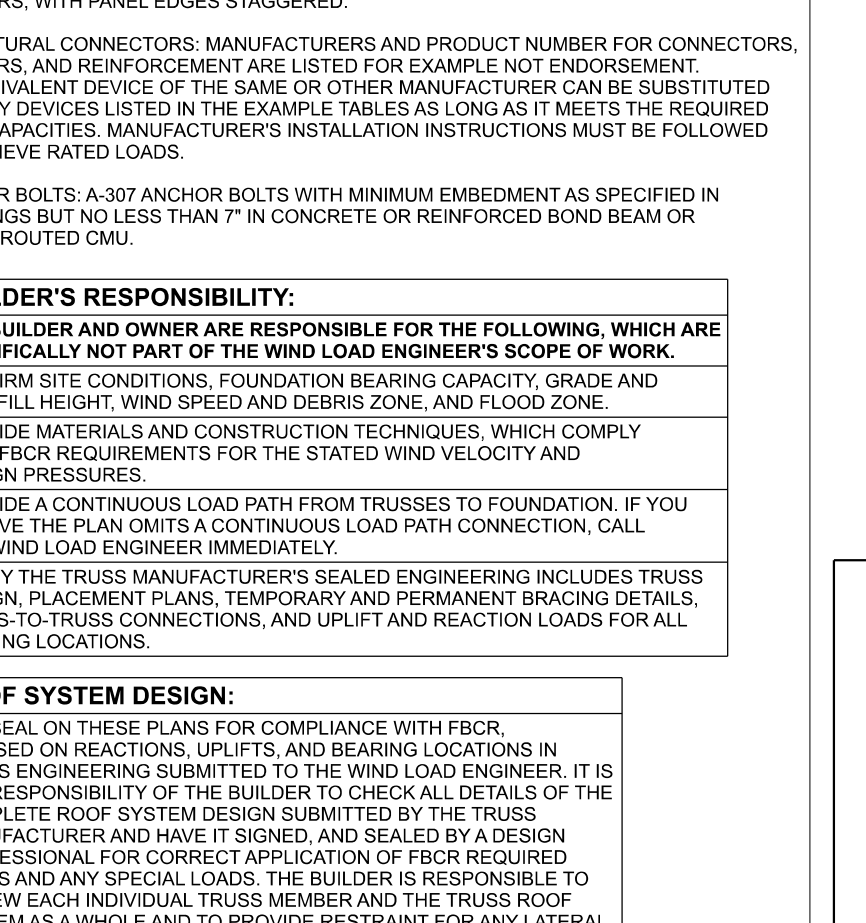
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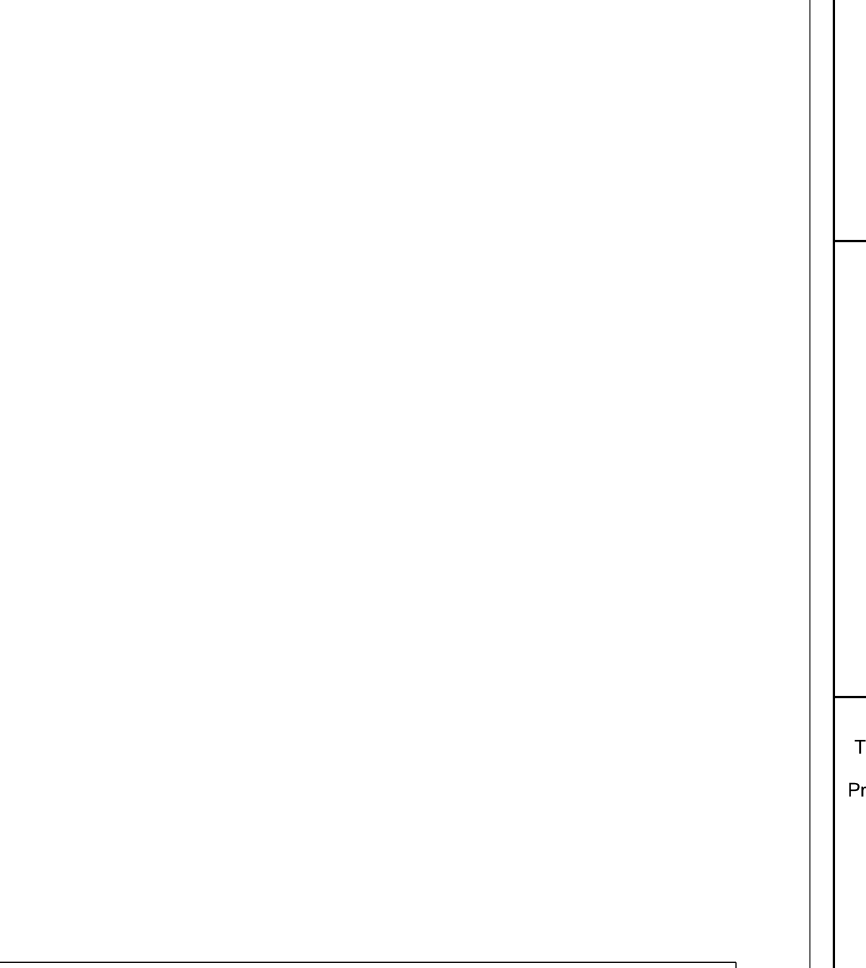
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS

GENERAL NOTES:				
TRUSSES, TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS COMING FROM THE ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS MANUFACTURER.				
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 150 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVIDES OTHERWISE).				
CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F _c = 2500 PSI. WELDED WIRE REINFORCED SLAB: 6" x 6" w/1.4 x W1.4, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.) 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 1/2 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 1116. SUPPLIER TO PROVIDE ASTM C 1116 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 308. JOINTS SHALL BE CUT WITHIN 12 HOURS OF PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF JOINTS TO BE 12' TO 18'. DO NOT CUT JOINTS ON 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 SPACES 40" DB (25" FOR #5 BARS); UNO, ALL REINFORCEMENT SHALL BE DETAILLED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O.				
ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; SHEATHING, UNLOCKED, 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 15" 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 FBCR REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES. PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMBITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY. VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSSES TO TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.				
ROOF SYSTEM DESIGN: THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR, 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 FBCR 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 TRUSS SHEETS.				

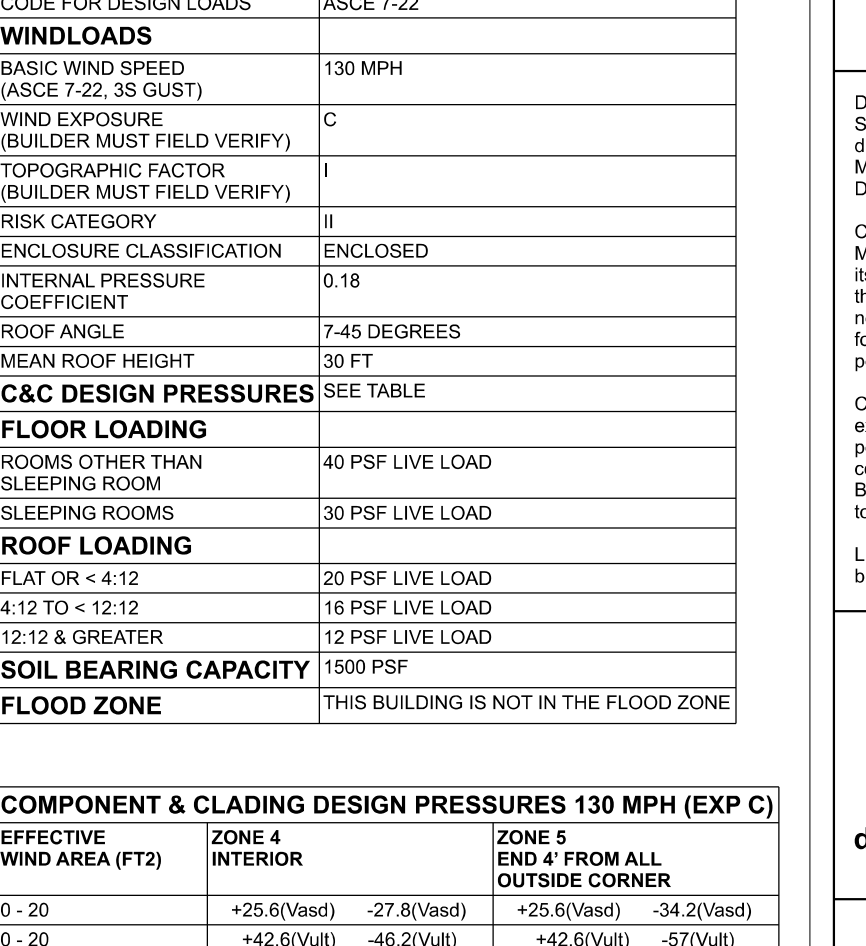
(TYP.) BEAM TO WALL
WOOD FRAME w/ STRAPS & ANCHORS



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



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



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

COMPONENT & CLADDING DESIGN PRESSURES 130 MPH (EXP C)		
EFFECTIVE WIND AREA (F _{T2})	ZONE 4 INTERIOR	ZONE 5 END & FURLO OUTSIDE CORNERS
0 - 20	+25.6(Vasf) -27.8(Vasf)	+25.6(Vasf) -34.2(Vasf)
0 - 20	+42.6(Vasf) -46.2(Vasf)	+42.6(Vasf) -57(Vasf)
GARAGE DOOR DESIGN PRESSURES 130 MPH (EXP C)		
9x7 GARAGE DOOR	+22.6(Vasf) -25.5(Vasf)	
16x7 GARAGE DOOR	+21.7(Vasf) -24.1(Vasf)	

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

Amira Builders, Inc.

Curasco Res.

FL E 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.

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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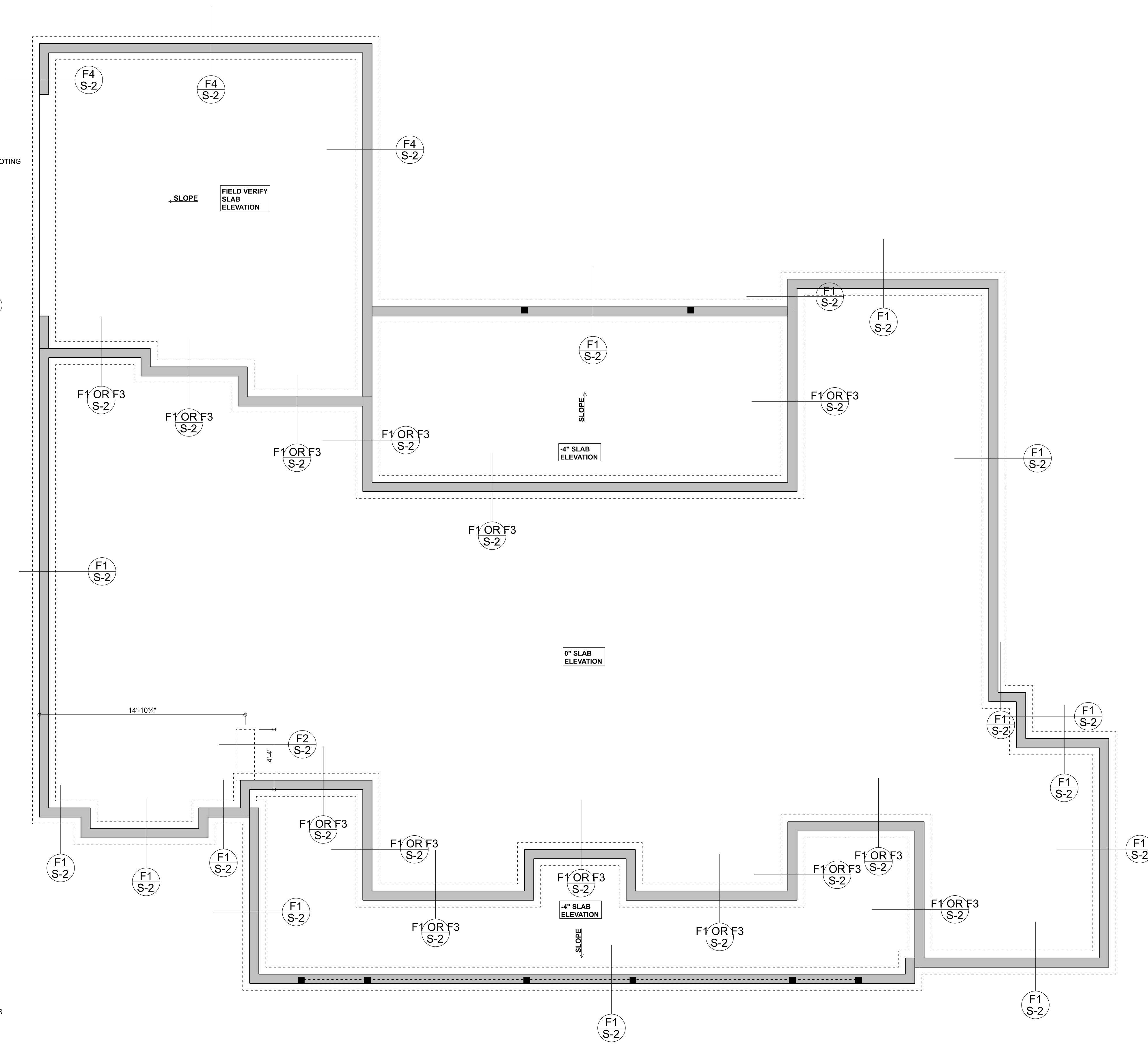
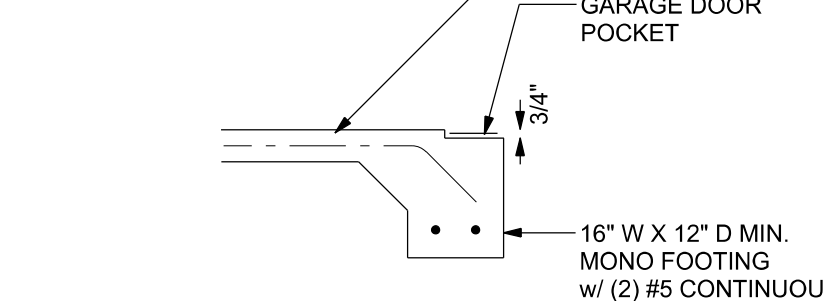
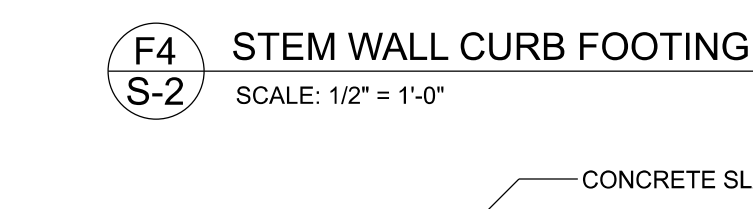
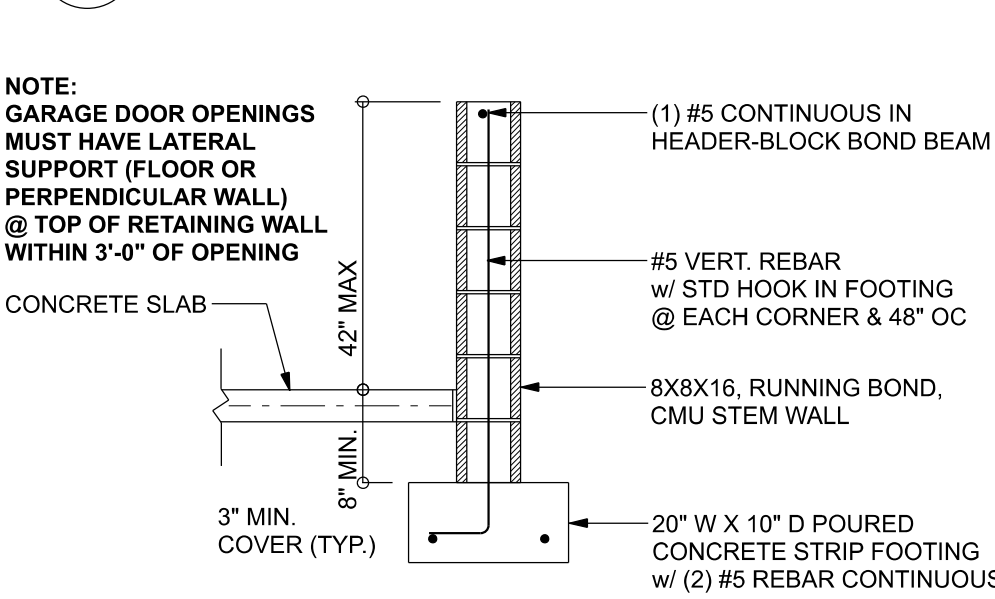
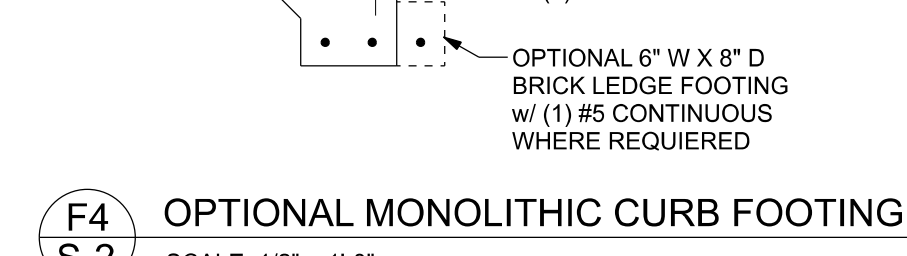
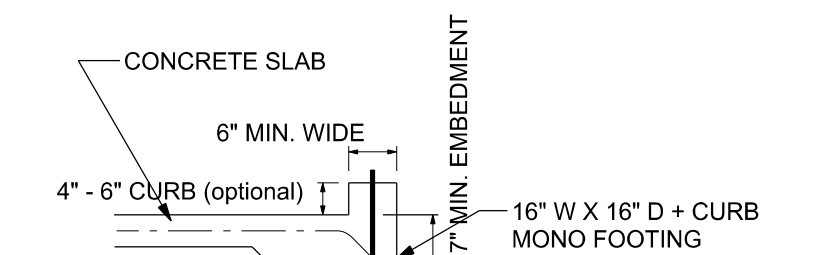
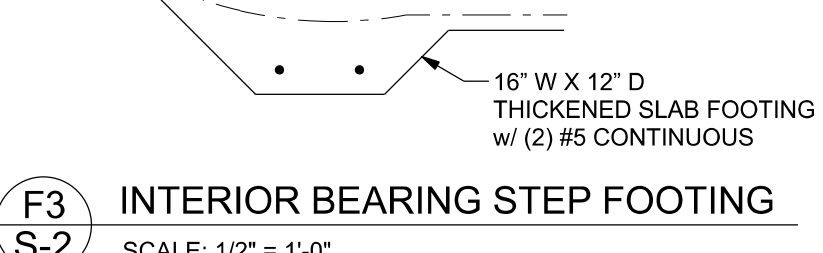
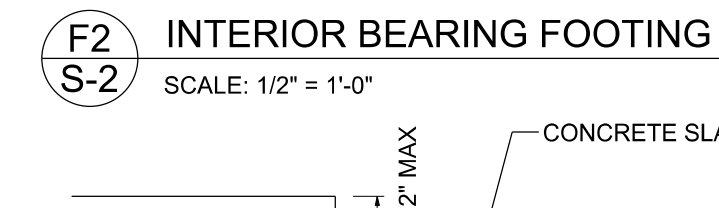
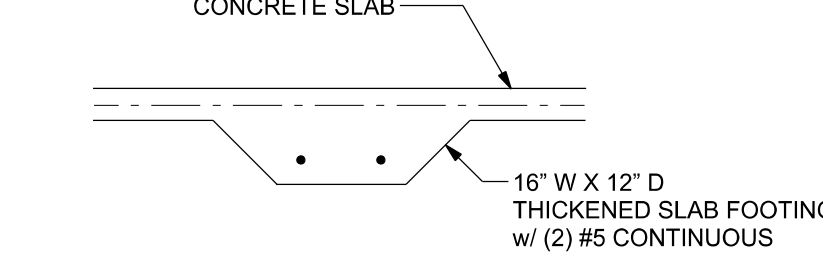
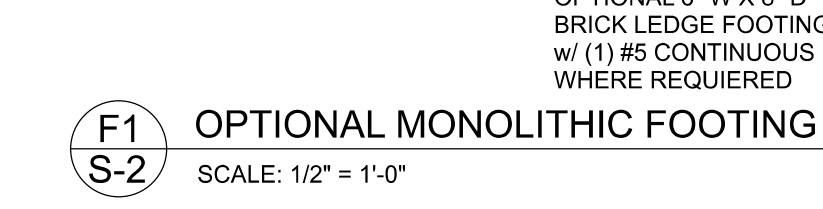
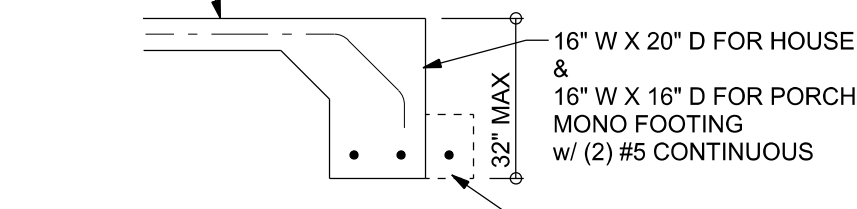
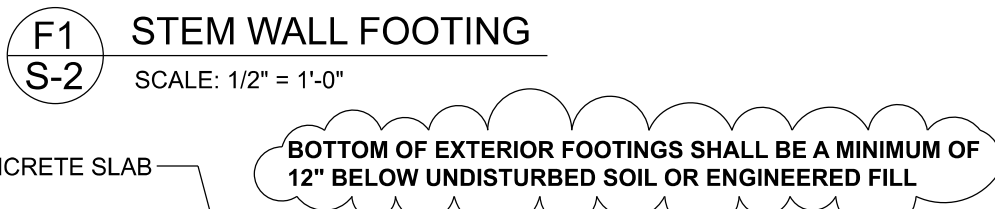
CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.

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

Mark Disoway P.E.
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Suite 101
Lake City, Florida 32025
386.754.5419
disowaydesign@gmail.com

JOB NUMBER:
250971
S-1
OF 3 SHEETS

MASONRY NOTE: CONTRACTOR CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530/ASCE 6/MTS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530-1.02 AND THE SPECIFICATION. THERE ARE ANY EXCEPTIONS TO ACI 530-1.02 MUST BE APPROVED BY THE ENGINEER IN WRITING.		
	ACI530-1.02 Section	Specific Requirements
1.4A	Compressive strength	F _m = 1500 psi
2.1	Mortar	ASTM C 270, Type N, UNO
2.2	Grout	ASTM C 476, admixtures require approval
2.3	CMU standard	ASTM C 90-02, Normal weight, hollow, minimum surface finish, 8" minimum bearing block and 12"x12" or 16"x16" hollow block.
2.4	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4A	Reinforcing bars, #3 - #11	ASTM A575, Grade 40, Fy = 40 ksi, Lap splice length = 16d, 18" max. (25' for BS)
2.4F	Coating for corrosion protection	Anchors, steel mesh ties completely embedded in mortar or grout, ASTM A253, Class 980, 0.001 in. 304SS
2.4G	Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or water, ties, anchors, steel mesh ties not completely embedded in mortar or grout, ASTM A153, Class 92, 1.50 oz/tie or 304SS
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 detailed on project drawings.



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. DISMISSAW DESIGN GROUP OR MCMC DISMISSAW, PC IS RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION.
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ 6# @ 12" O.C. WELDED TOGETHER WITH 1" DIA. @ 12" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOUR BARRIER W/ 6" LAPs SEALED W/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL. (ALSO, ANY OTHER ECHO APPROVED TREATMENT METHOD CAN BE USED INSTEAD)



13. CRIPPLE VALLEY RAFTERS OR RIDGE

CRIPPLE

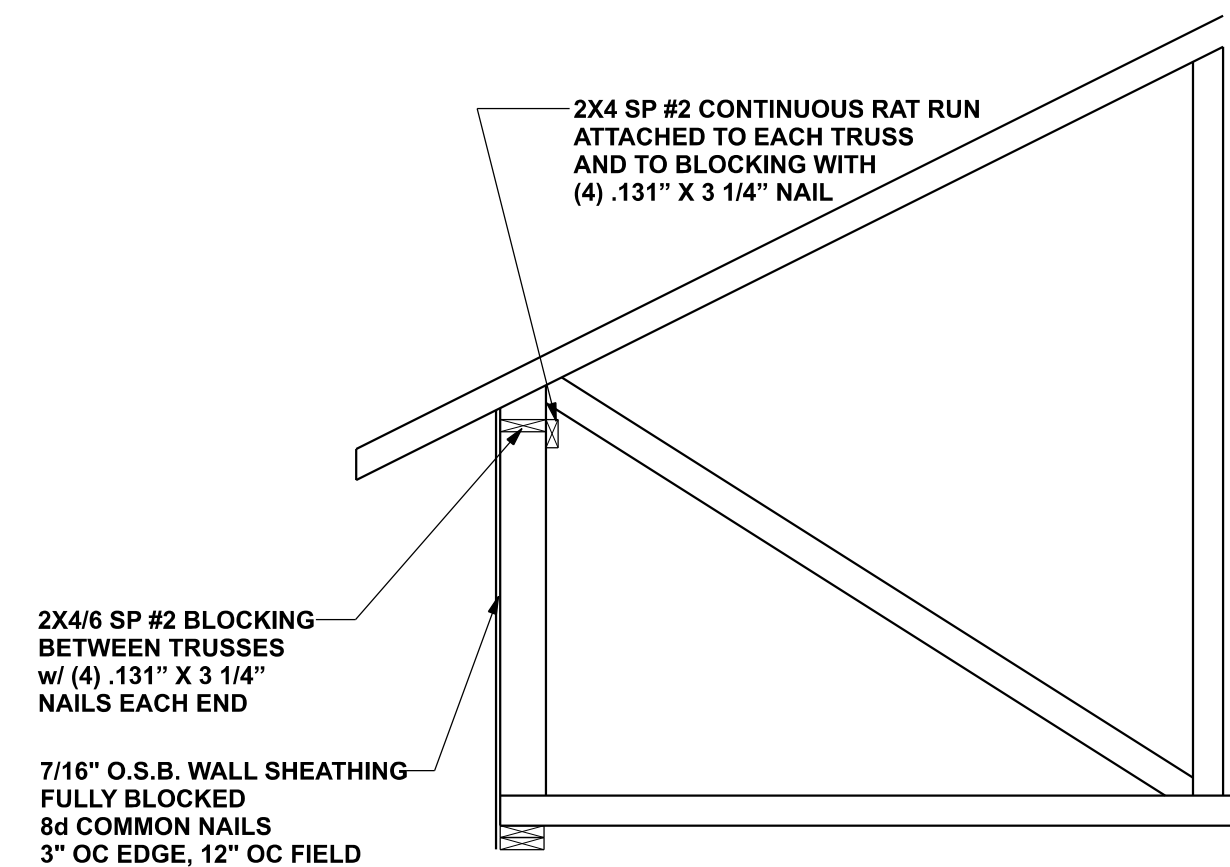
CRIPPLES 4'-0" O.C. FOR 20 psf (TL) and 10 psf (TP) SINGLE ROOF MAX

CONNECTION REQUIREMENT NOTES

1	X44 RAFTERS TO RIDGE	4 - 131 x 3" TIE NAILS
2	CRIPPLE TO RIDGE	4 - 131 x 3" FACE NAILS
3	CRIPPLE TO RAFTERS	4 - 131 x 3" FACE NAILS
4	RAFTERS TO SLEEPER OR BLOCKING	4 - 131 x 3" TIE NAILS
5	SLEEPER TO TRUSS (TYP)	4 - 131 x 3" FACE NAILS EACH TRUSS
6	RIDGE BOARD TO ROOF BLOCK	4 - 131 x 3" TIE NAILS
7	RIDGE BOARD TO TRUSS	4 - 131 x 3" TIE NAILS
8	PURLIN TO TRUSS (TYP)	4 - 131 x 3" NAILS
9	PURLIN TO TRUSS (CRIPPLE IS ATTACHED TO PURLIN)	6 - 131 x 3" NAILS
10	TRUSS TO BLOCKING	4 - 131 x 3" END NAILS
11	CRIPPLE TO TRUSS	4 - 131 x 3" FACE NAILS
12	CRIPPLE TO PURLIN	4 - 131 x 3" FACE NAILS

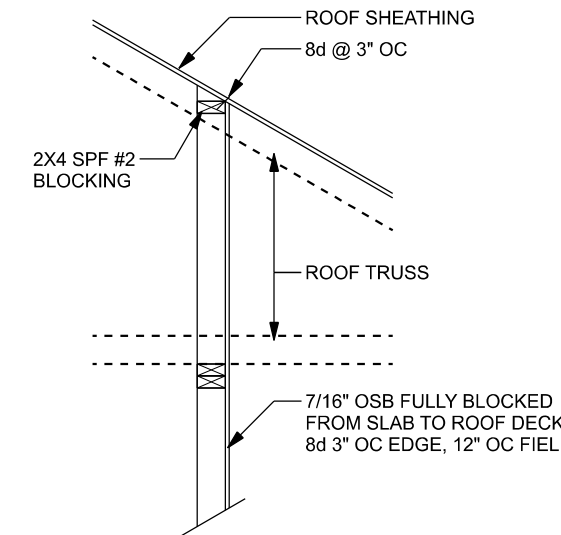
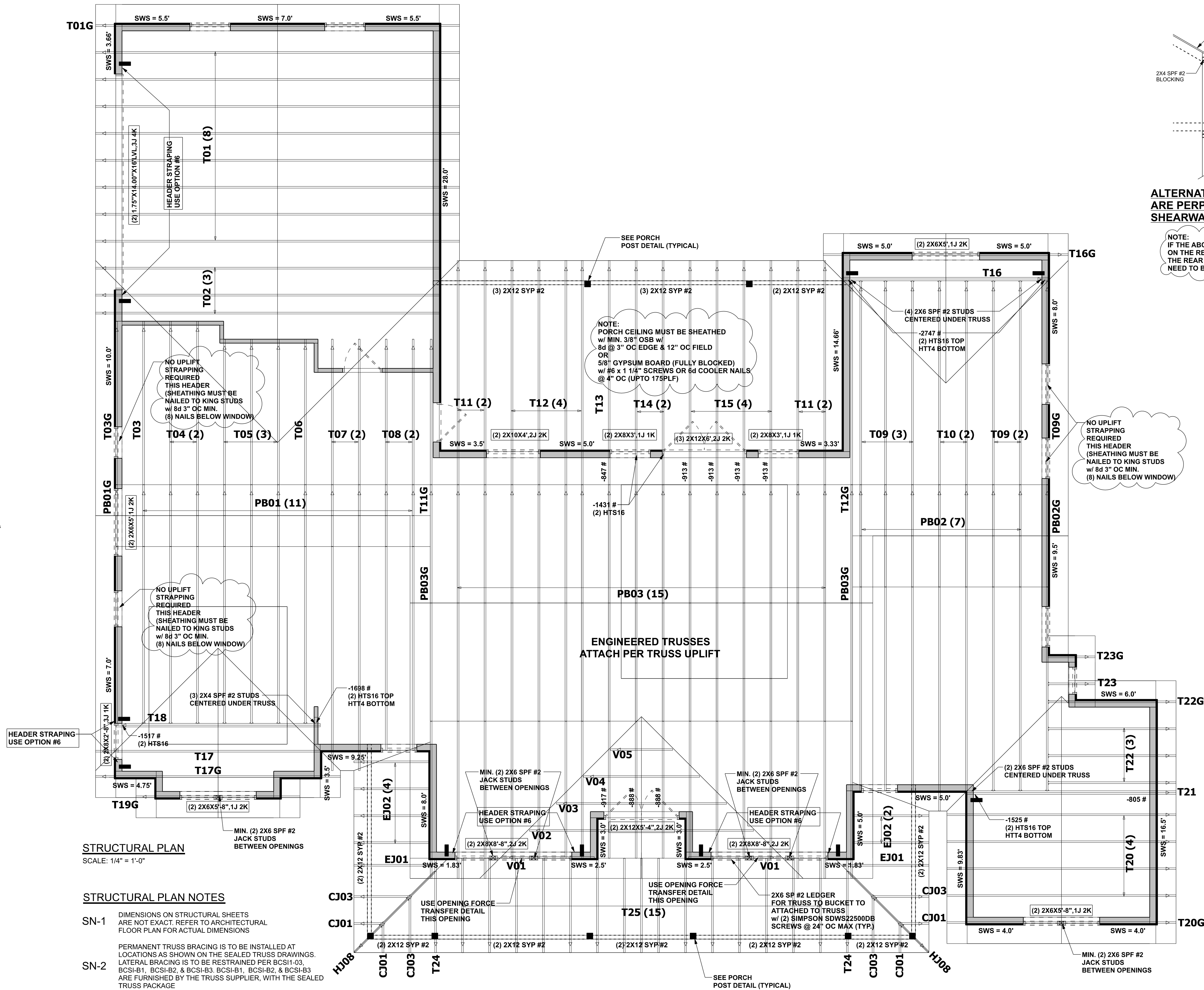
ROOF OVER FRAMING & BRACING DETAIL

SCALE: N.T.S.



DETAIL @ TRUSSES WITH RAISED HEELS

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



**ALTERNATE IF TRUSSES
ARE PERPENDICULAR TO
SHEARWALL**

NOTE:
IF THE ABOVE DETAIL IS USED
ON THE REAR PORCH WALL
THE REAR PORCH CEILING DOES NOT
NEED TO BE SHEATHED

NO UPLIFT
STRAPPING
REQUIRED
THIS HEADER
(SHEATHING MUST BE
NAILED TO KING STUDS
w/ 8d 3" OC MIN.
(8) NAILS BELOW WINDOW)

NOTE:
PORCH CEILING MUST BE SHEATHED
w/ MIN. 3/8" OSB w/
8d @ 3" OC EDGE & 12" OC FIELD
OR
5/8" GYPSUM BOARD (FULLY BLOCKED)
w/ #6 x 1 1/4" SCREWS OR 6d COOLER NAILS.
@ 4" OC (UPTO 175PLF)

**NO UPLIFT
STRAPPING
REQUIRED
THIS HEADER
(SHEATHING MUST BE
NAILED TO KING STUDS
w/ 8d 3" OC MIN.
(8) NAILS BELOW WINDOW)**

**NO UPLIFT
STRAPPING
REQUIRED
THIS HEADER
(SHEATHING MUST BE
NAILED TO KING STUDS
w/ 8d 3" OC MIN.**

STRUCTURAL PLAN

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

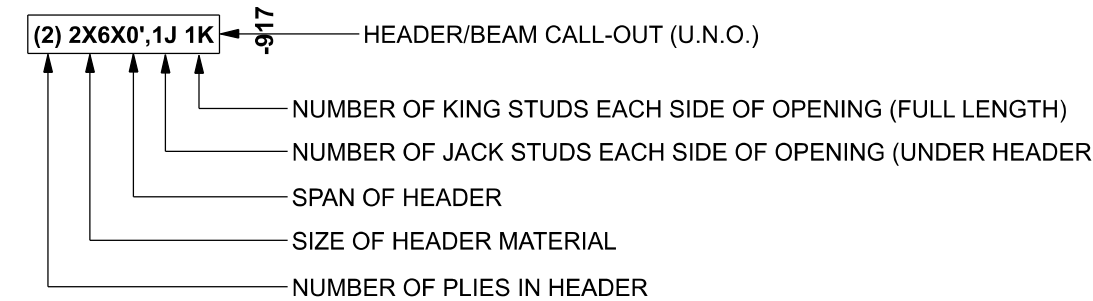
STRUCTURAL PLAN NOTES

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

PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. SN-2 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

UNLESS NOTED OTHERWISE (MINIMUM REQUIREMENTS) ***SEE STRUCTURAL PLAN FOR ANY SPECIFIC CALL OUTS***	
BEAM / HEADERS (SIZE)	ALL LOAD BEARING FRAME WALL & RORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 S P #2 (UNC)
HEADERS (JACK & KING STUDS)	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNC)
HEADERS (STRAPPING)	ALL HEADERS w/ UPLIFT TO BE STRAPPED OR SCREWED DOWN w/ MIN. OPTION #3 (SEE DETAIL ON SHEET S-1) (U.N.O.) 1/2" X 1" OR ANCHOR BOLT W/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD WITH ALL DOOR LOCATIONS (U.N.O.)
JACK STUDS UNDER GIRDER TRUSS	USE ONE JACK STUD GIRDER SUPPORT PER 2000 LB LOAD

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDINAL
ACTUAL	31116 LBF	19557 LBF
REQUIRED	24970 LBF	18365 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. BUILDERS FIRST SOURCE
JOB #4894417

Amira Builders, Inc.

Curasco Res.

PROJECT ADDRESS:
316 SW Cypresswood Glen, Lake City, FL

FL PE 53915
This item has been digitally signed by Mark Disosway PE on digital PE 53915. Printed copies of this document are not signed and sealed and the signature cannot be verified on any electronic copy.

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 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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Lake City, Florida 32025
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disoswaydesign@gmail.com

JOB NUMBER:
250971

S-3

OF 3 SHEETS