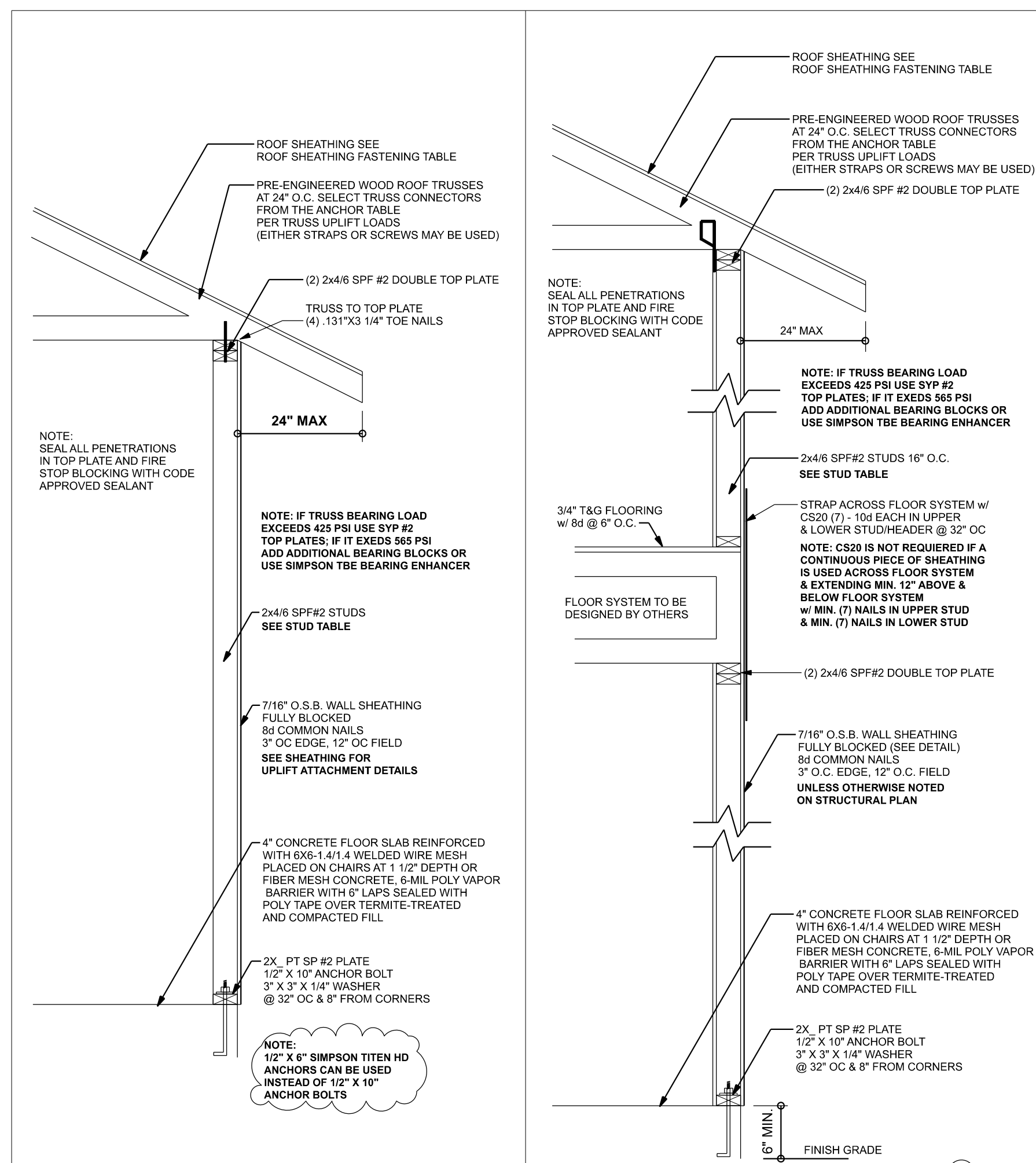
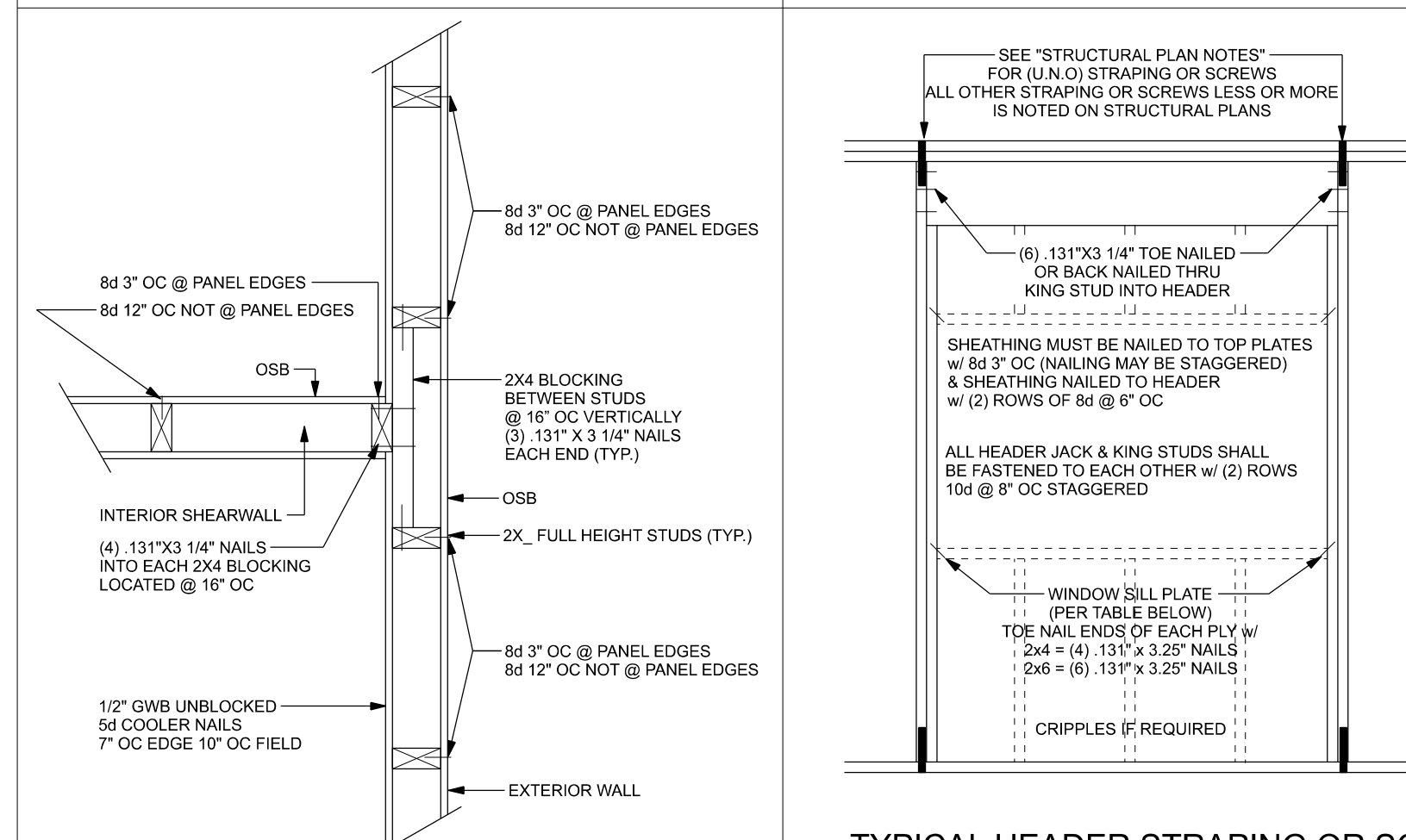


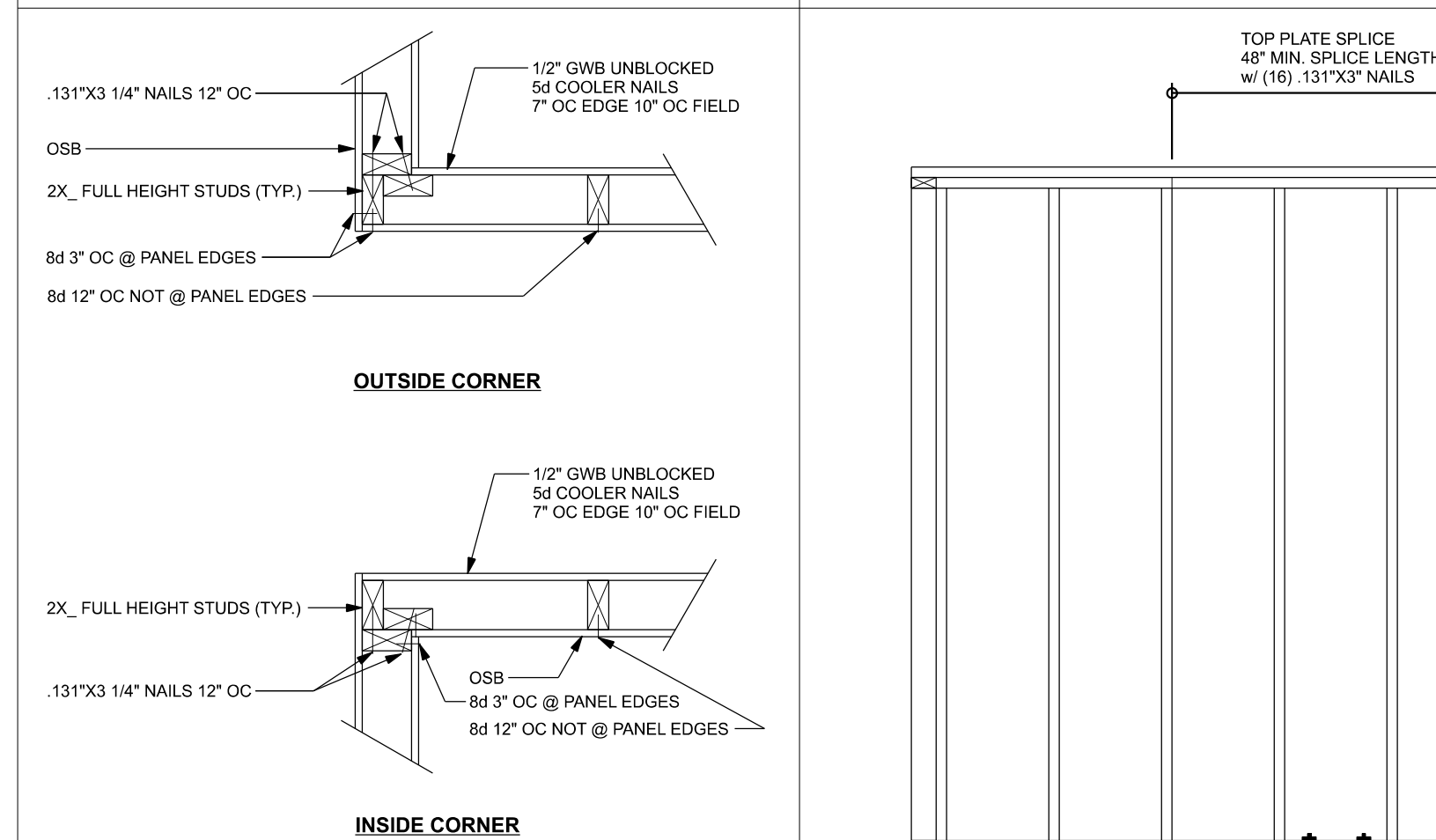


ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"

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



(TYP.) INTERSECTING WALL FRAMING
WOOD FRAME



(TYP.) CORNER FRAMING
WOOD FRAME

TYPICAL HEADER STRAPPING OR SCREWS DETAIL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

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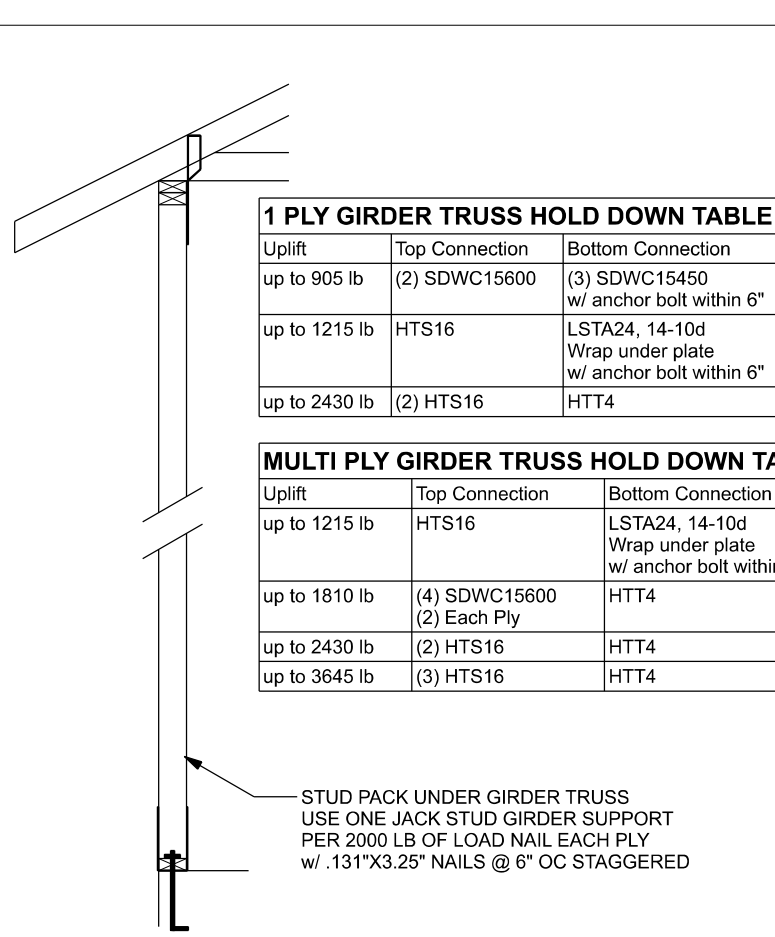
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

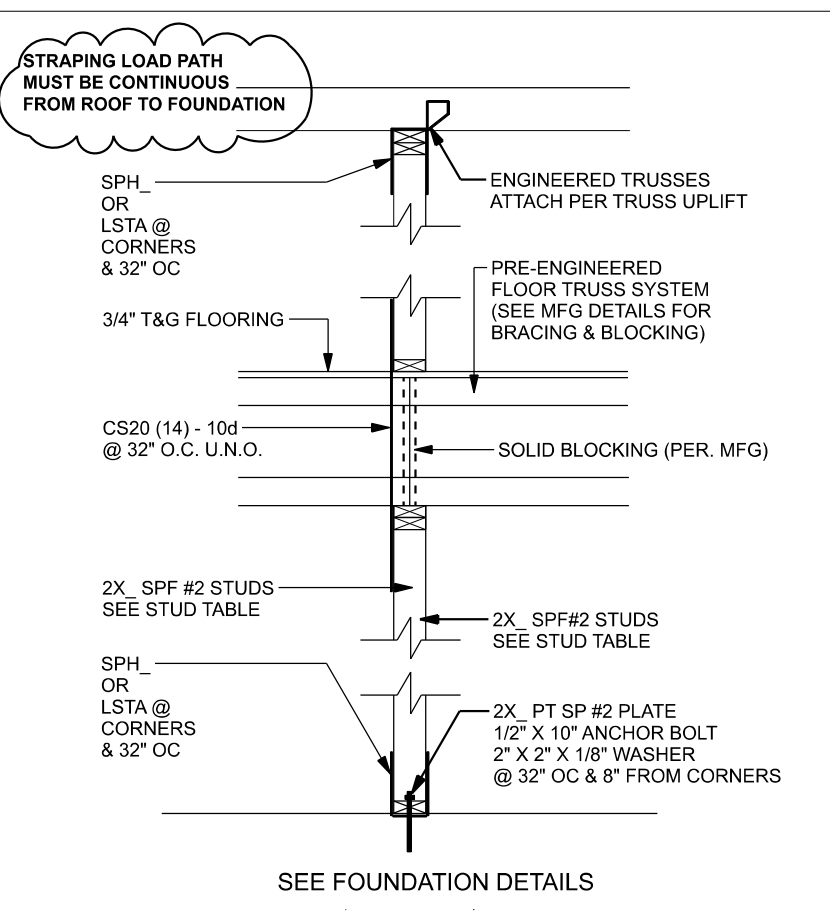
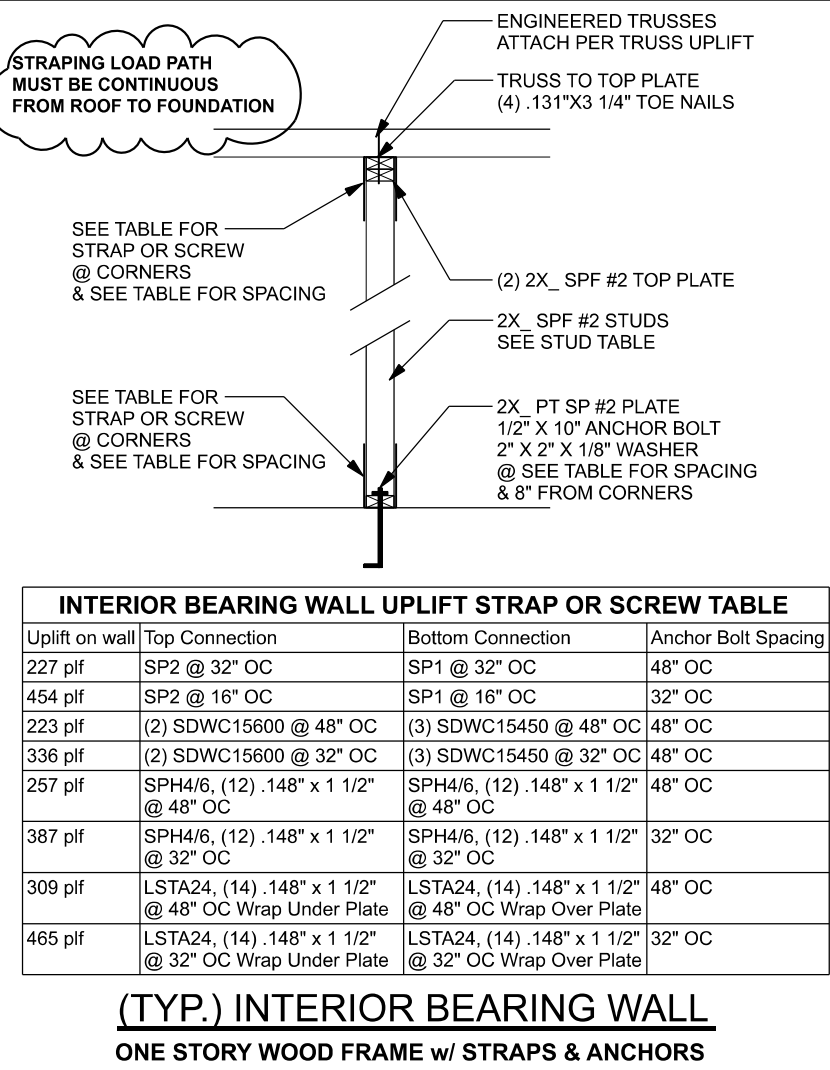
Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along panel edges	Nail spacing along intermediate supports in the panel field
120 mph Exp. B	7/16"	ASTM F1667 RSR-01 (2.38" x 0.113")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RSR-01 (2.38" x 0.113")	6" oc	6" oc
120 mph Exp. D	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
130 mph Exp. B	7/16"	ASTM F1667 RSR-01 (2.38" x 0.113")	6" oc	6" oc
130 mph Exp. C	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
130 mph Exp. D	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RSR-01 (2.38" x 0.113")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
150 mph Exp. C	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" x 0.120")	6" oc	6" oc
150 mph Exp. D	19/32"	ASTM F1667 RSR-03 (2.12" x 0.131") or ASTM F1667 RSR-04 (2" 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.

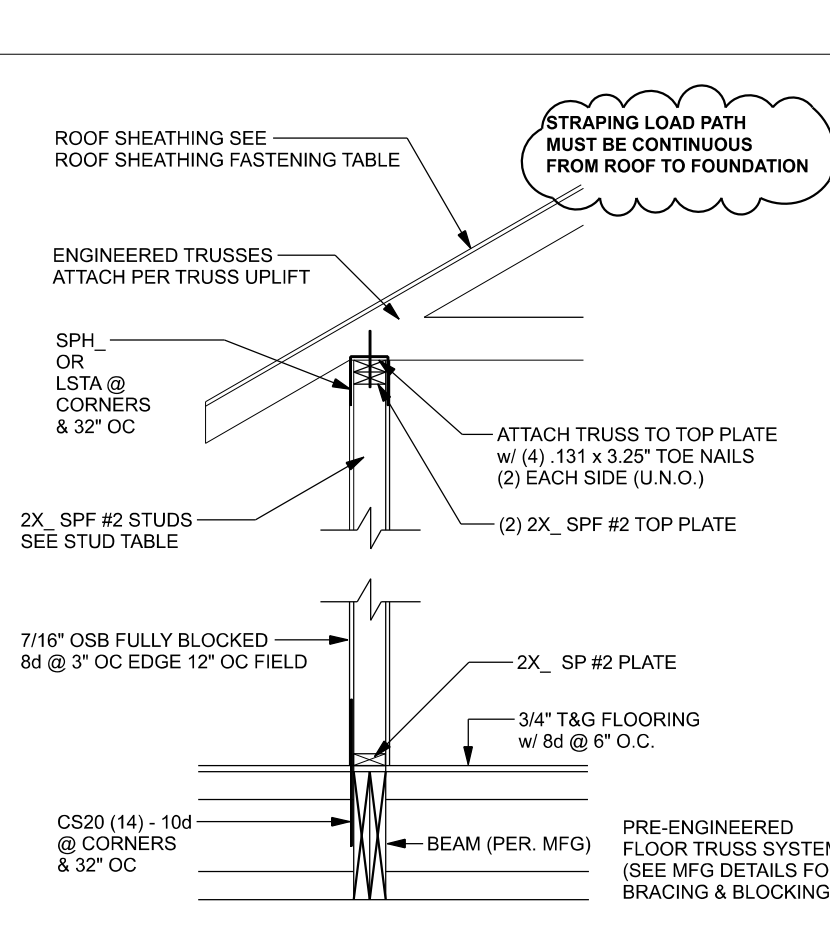
ROOF SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



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



2 STORY INTERIOR BEARING WALL
SCALE: 1/2" = 1'-0"



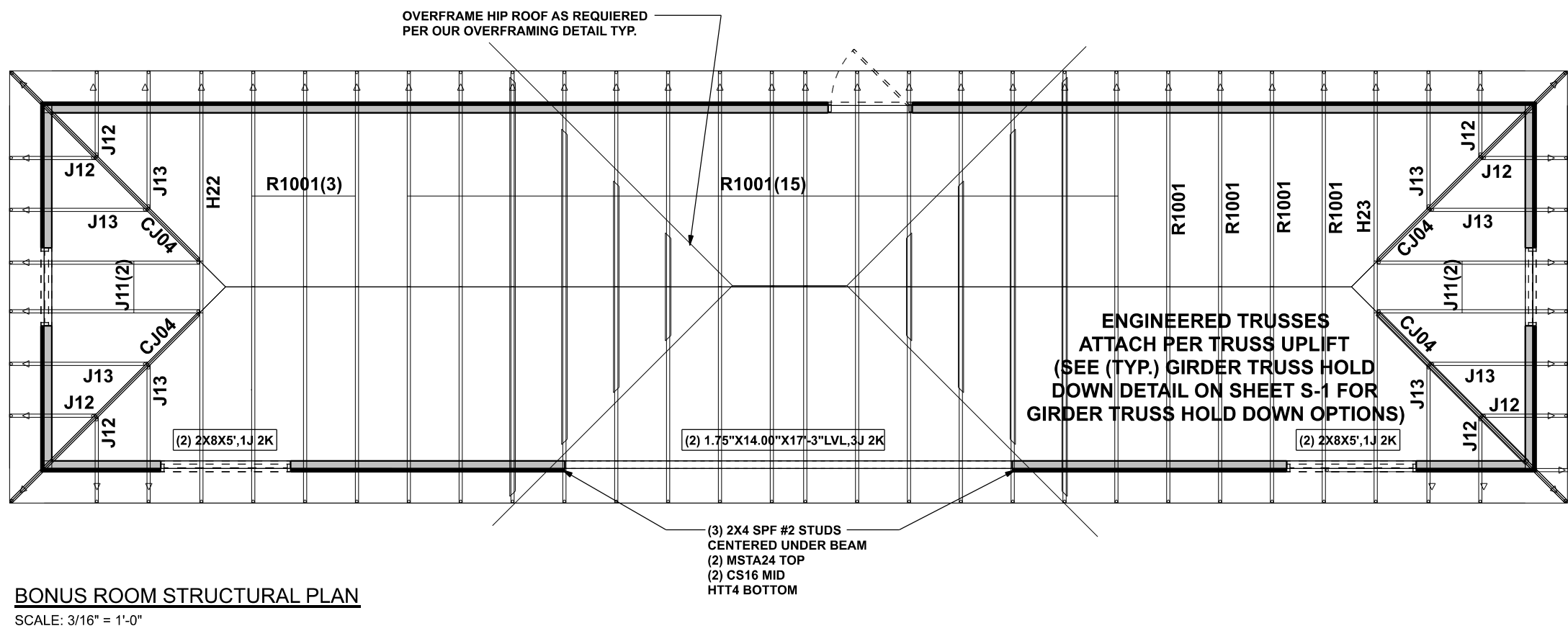
2ND FLOOR WALL TO BEAM / FLOOR TRUSS STRAPPING DETAIL
SCALE: 1/2" = 1'-0"



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

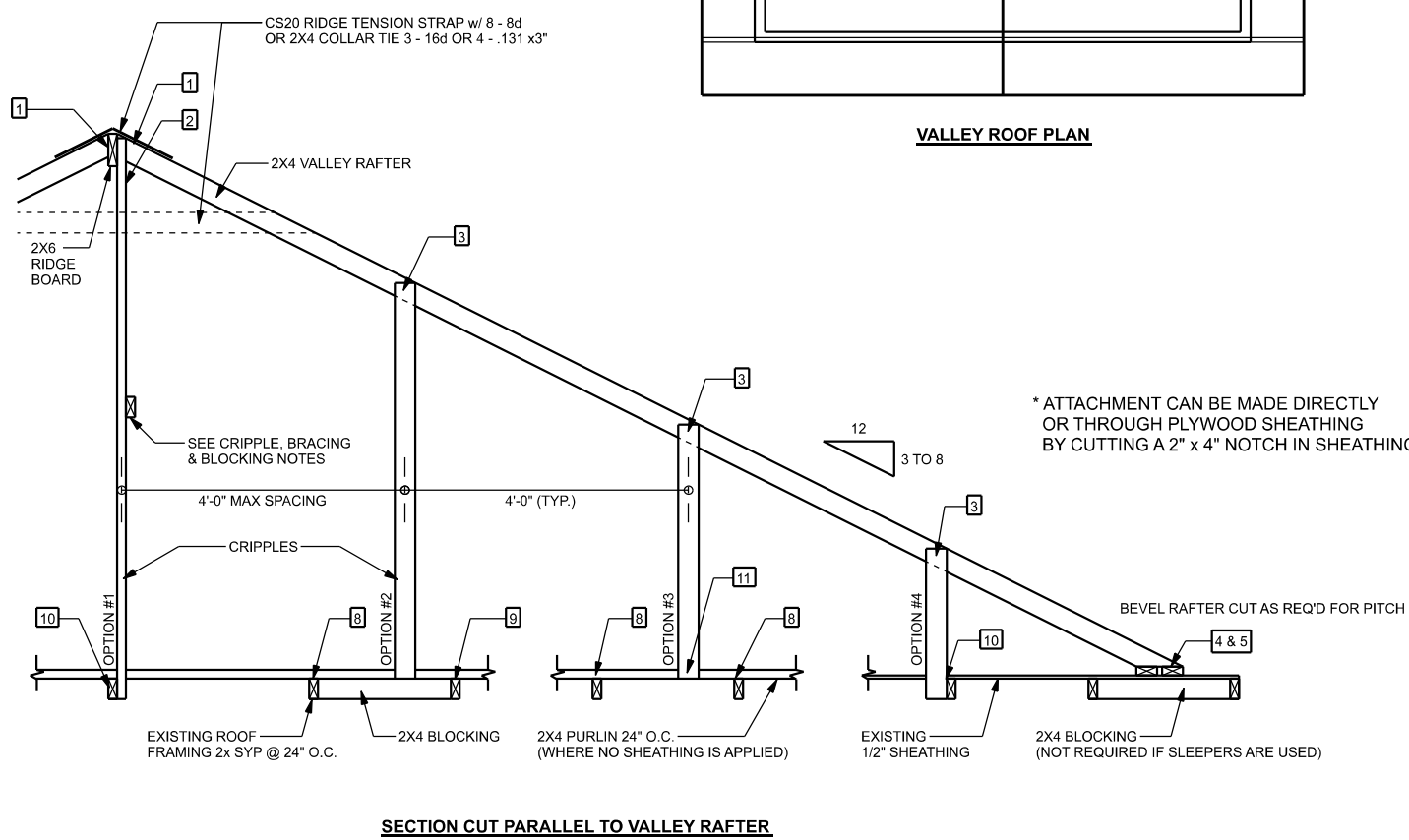
CONNECTOR TABLE					
			To Plate	To Truss/Rafter	
905	505	SDWC15600			
400	290	H3	4-131"x1 1/2"	4-131"x1 1/2"	
625	540	H2.5A	5-131"x1 1/2"	5-131"x1 1/2"	
1040	1015	H10A	9-148"x1 1/2"	9-148"x1 1/2"	
645	515	LT512-30	6-148"x1 1/2"	6-148"x1 1/2"	
900	850	MT512-30	7-148"x1 1/2"	7-148"x1 1/2"	
1115	515	HT525-30	8-148"x1 1/2"	8-148"x1 1/2"	
Uplift SP Uplift SPF			Strap Ties	One Member	Two Member
1235	1235	LTA21	8-148"x1 1/2"	8-148"x1 1/2"	
1640	1460	MTA22A	7-148"x1 1/2"	7-148"x1 1/2"	
1030	1030	CS520	9-148"x1 1/2"	9-148"x1 1/2"	
Uplift SP Uplift SPF			Steel Plate Ties	To Plate	To Truss/Rafter
555	535	SP1	4-148"x3"		4-148"x3"
1010	805	SP2	6-148"x3"		6-148"x3"
1280	1100	SPH46	12-148"x1 1/2"		wrap under or over plate
771	771	LTA22A	8-148"x1 1/2"		wrap under or over plate
1235	1235	LT22	8-148"x1 1/2"		wrap under or over plate
Uplift SP Uplift SPF			Holdowns @ Stewall <th>Stop / Post</th> <th>Anchorage</th>	Stop / Post	Anchorage
2145	1835	DT22	8-SDS 1/4"x12"	1/2"x12"	Titen HD
4235	3640	HTT4	18- 162"x3 1/2"	1/2"x12"	Titen HD
Uplift SP Uplift SPF			Holdowns @ Mono <th>Stop / Post</th> <th>Anchorage</th>	Stop / Post	Anchorage
1445	1335	DT22	8-SDS 1/4"x12"	1/2"x12"	Titen HD
4235	3640	HTT4	18- 162"x3 1/2"	1/2"x12"	Titen HD
Uplift SP Uplift SPF			Post Bases @ Stewall <th>To Plate</th> <th>Anchorage</th>	To Plate	Anchorage
1900	1445	AJ442	12- 162"x3 1/2"	5/8"x12"	Drill & Epoxy
2475	1445	AJ462	12- 162"x3 1/2"	5/8"x12"	Drill & Epoxy
Uplift SP Uplift SPF			Post Bases @ Mono <th>To Plate</th> <th>Anchorage</th>	To Plate	Anchorage
1900	1445	AJ442	12- 162"x3 1/2"	5/8"x12"	Drill & Epoxy
2475	1445	AJ462	12- 162"x3 1/2"	5/8"x12"	Drill & Epoxy

OF 4 SHEETS



LUMBER SIZE & GRADE MINIMUM REQUIREMENTS

RIDGE BOARD	2X6 SYP #2
RAFTER SPANS 20'-0" OR LESS	2X4 SYP #2
PURLINS / LATERAL BRACING	2X4 SPF #2
SLEEPERS	2X (WIDTH OF RAFTER SEAT CUT) SPF #3 OR 1" RAILS, 2X4 SPF #2
CRIPPLES & BLOCKING	2X4 SPF #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL



VALLEY ROOF PLAN MEMBER LEGEND

---	TRUSS
- - -	TRUSS UNDER VALLEY FRAMING
---	VALLEY RAFTER OR RIDGE
---	CRIPPLE

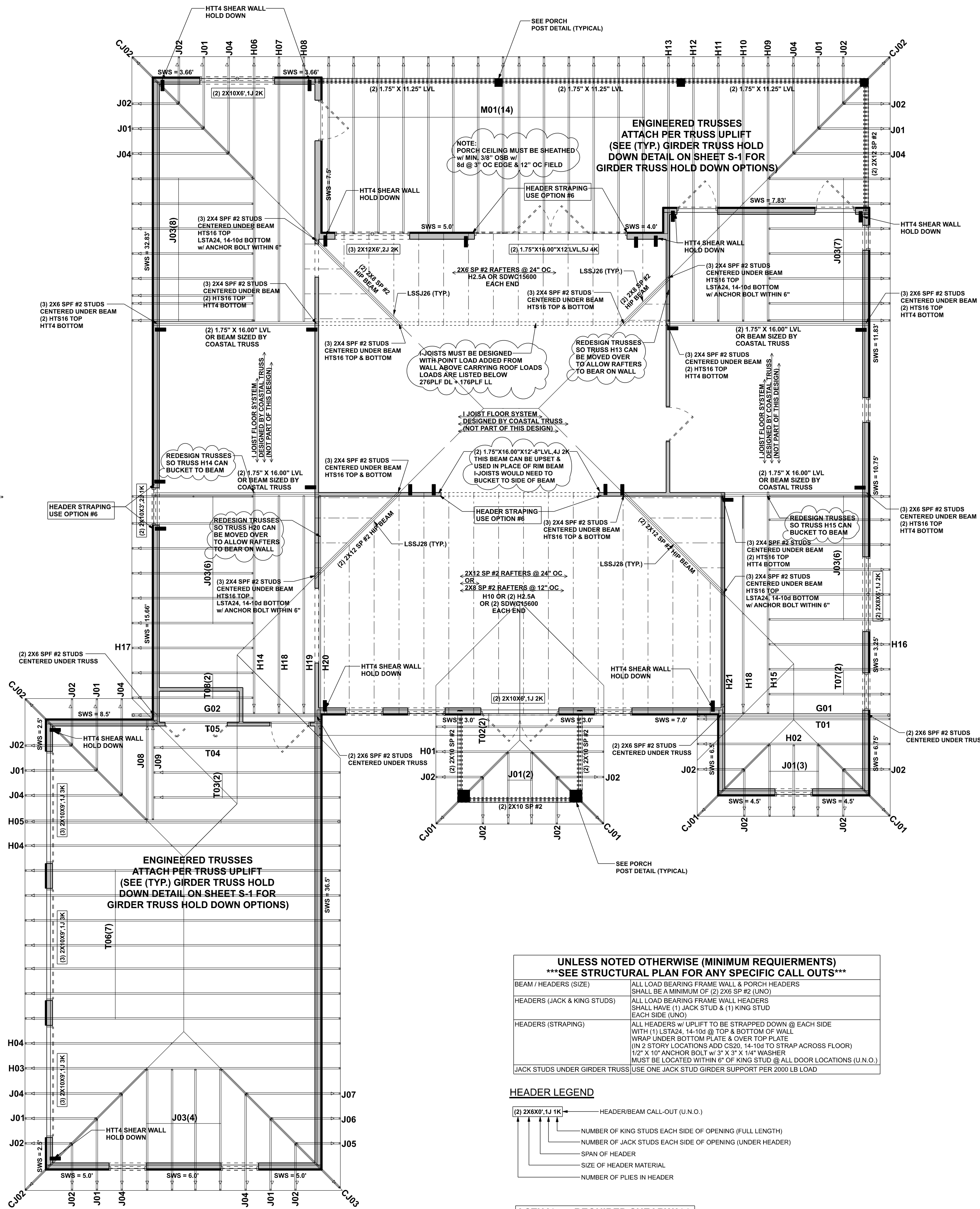
CRIPPLES 4'-0" O.C. FOR 20' psf (TL) AND 10' psf (TD) (TYP. SHINGLE ROOF) MAX.

CONNECTION REQUIREMENT NOTES

1	2X4 RAFTERS TO RIDGE	3-16d OR 6 - 131 x 3" TOE NAILS
2	CRIPPLE TO RIDGE	3-16d OR 6 - 131 x 3" FACE NAILS
3	CRIPPLE TO RAFTERS	3-16d OR 6 - 131 x 3" FACE NAILS
4	RAFTER TO SLEEPER OR BLOCKING	3-16d OR 6 - 131 x 3" TOE NAILS
5	SLEEPER TO TRUSS	4-16d OR 8 - 131 x 3" FACE NAILS EACH TRUSS
6	RIDGE BOARD TO ROOF BLOCK	3-16d OR 6 - 131 x 3" TOE NAILS
7	RIDGE BOARD TO TRUSS	3-16d OR 6 - 131 x 3" TOE NAILS
8	PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	3-16d OR 6 - 131 x 3" NAILS
9	TRUSS TO BLOCKING	3-16d OR 6 - 131 x 3" END NAILS
10	CRIPPLE TO TRUSS	3-16d OR 6 - 131 x 3" FACE NAILS
11	CRIPPLE TO PURLIN	3-16d OR 6 - 131 x 3" FACE NAILS

GENERAL NOTES

MAXIMUM RAFTER SPANS
9'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #2 OR SYP #2
MAXIMUM ROOF AREA PER SUPPORT
1962 IN ZONES 2 & 3, 2462 IN ZONE 1 (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN = 1602 OR 2'-0" X 4'-0" SPAN = 962)
PURLIN REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED
PURLIN SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM
IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM OF 6" AND NAIL SPACINGS THROUGH SHEATHING INTO PURLIN WITH A MINIMUM OF 6" ON EACH SIDE
THIS DRAWING APPLIES TO WALLS WITH THE FOLLOWING CONDITIONS:
- SPAN DISTANCE BETWEEN WALLS IS 6'-0" OR LESS
- MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
- MAXIMUM WIND SPEED: 150 MPH
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET
- MAXIMUM TOTAL LOADING: 40 psf
- MEETS IRC / ASCE 7 WIND REQUIREMENTS
- EXPOSURE CATEGORY "C" (1-10, Rm 1-10)
ENCLOSED BUILDINGS
CRIPPLE BRACING & BLOCKING NOTES
2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG
MAILED W/ 2 - 10d NAILS OR 2X4 "T" OR SCAB BRACE W/ 2 PLAT EDGE OF CRIPPLE WITH 6 NAILS @ 8" O.C. "T" OR SCAB MUST BE 50% OF CRIPPLE LENGTH. CRIPPLES OVER 10'-0" LONG REQUIRE TWO CLBs OR BOTH FACES W/ "T" OR SCAB. USE STRESS GRADING LUMBER & 60d OR COMMON NAILS.
- MAXIMUM LUMBER LENGTH: 12'-0" MAX. PER RAFTER
- AS LONG AS THE PROPER NUMBER OF NAILS ARE INSTALLED INTO RIDGE BOARD
- INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED
- INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED.
- APPLY ALL NAILING IN ACCORDANCE TO NDS-109 SECTION 12. NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.



STRUCTURAL PLAN

SCALE: 3/16" = 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 BC01-03, BC01-B1, BC01-B2, & BC01-B3. BC01-B1, BC01-B2, & BC01-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. COASTAL TRUSS & VINYL SIDING JOB #240124-03KM

Stanley & Beverly Pope Res.

PROJECT ADDRESS:
649 NW Nogel Rd., Lake City, FL 32055

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.

C=US, O=Florida, dnQualifier=A01410C0000017E57DE07CA000746F0, CN=Mark d Disoway
2025-01-15 10:30:36

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.

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

JOB NUMBER:
240444
S-3
OF 4 SHEETS

-

PROJECT ADDRESS:
649 NW Noegel Rd., Lake City, FL 32055

JOB NUMBER:
240444

S-3.1
OF 4 SHEETS