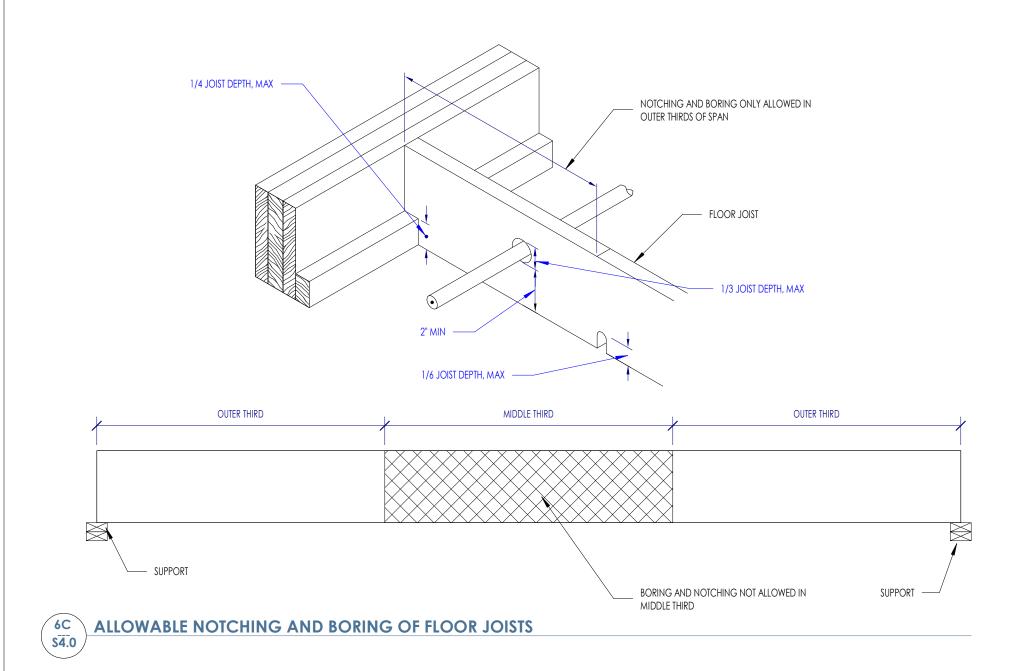
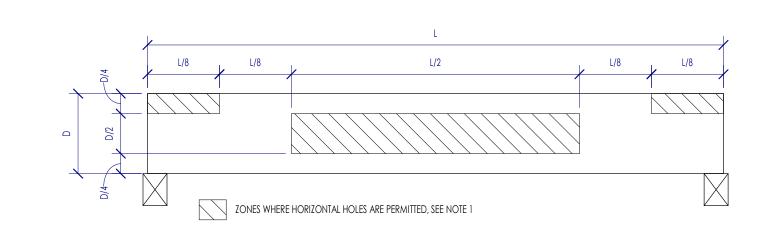
TYPICAL FASTENING SCHEDULE								
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION					
1	JOIST TO SILL OR GIRDER	(3) - 0.131"Ø X 3"	TOENAIL					
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 31/4" NAILS @ 12" OC NAILS	FACE NAIL					
3	TOP PLATE TO STUD	(3) - 0.131"Ø X 3" NAILS	END NAIL					
4	STUD TO SOLE PLATE - OPTION 1	[2] - 16d COMMON (3) - 0.131"Ø X 3" NAILS	END NAIL					
5	STUD TO SOLE PLATE - OPTION 2	(4) 0.131"Ø X 3" NAILS	TOENAIL					
6	DOUBLE/MULTIPLE STUDS	REFERENCE DETAIL 6A / S4.1	FACE NAIL					
7	DOUBLE TOP PLATES	0.131"Ø X 3" NAILS @ 12" OC	FACE NAIL					
8	DOUBLE TOP PLATE SPLICE	REFERENCE DETAIL 3A / \$4.1	FACE NAIL					
9	BLOCKING BETWEEN JOISTS/RAFTERS TO TOP PLATE	(3) - 0.131"Ø X 3" NAILS	TOENAIL					
10	RIM JOIST TO TOP PLATE	0.131"Ø X 3" NAILS @ 6" OC	TOENAIL					
11	CEILING JOIST TO TOP PLATE	(5) - 0.131"Ø X 3" NAILS	TOENAIL					
12	CEILING JOIST LAP OVER PARTITIONS	(4) - 0.131"Ø X 3" NAILS	FACE NAIL					
13	CEILING JOIST TO PARALLEL RAFTERS	(4) - 0.131"Ø X 3" NAILS	FACE NAIL					
14	RAFTER TO TOP PLATE	(3) - 0.131"Ø X 3" NAILS	TOENAIL					
15	BUILT-UP CORNER STUDS	0.131"Ø X 3" NAILS @ 16" OC	FACE NAIL					
16	BUILT-UP BEAMS	REFERENCE DETAIL 2A / S4.0	FACE NAIL					
17	COLLAR TIE TO RAFTER	(4) - 0.131"Ø X 3" NAILS	FACE NAIL					
18	JACK RAFTER TO HIP	(4) - 0.131"Ø X 3" NAILS	TOENAIL					
19	RAFTER TO RIDGE BOARD/BEAM	(3) - 0.131"Ø X 3" NAILS	TOENAIL					
20	BLOCKING B/T STUDS	(3) - 0.131"Ø X 3" NAILS EACH SIDE	TOENAIL					

1. THESE CONNECTIONS ARE TO BE APPLIED UNLESS NOTED OTHERWISE IN PLAN, SECTION, ELEVATION OR DETAIL VIEWS.

TYPICAL WOOD FASTENING SCHEDULE





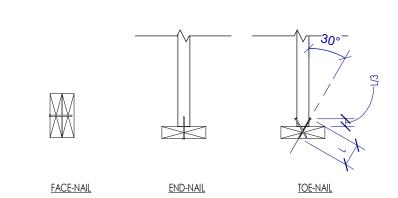
NOTES:

1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1½" OR D/10, WHICHEVER IS SMALLEST.

2. VARIANCE: FOR LARGER HOLE DIAMETERS' OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.

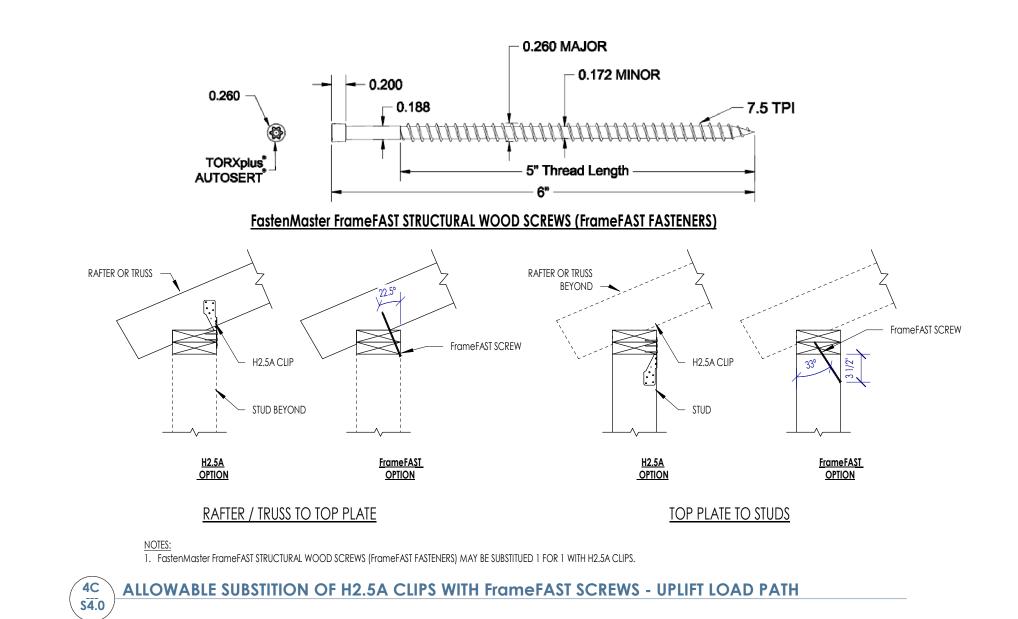
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY-SUPPORTED, UNIFORMLY LOADED GLUE LAMINATED BEAMS. FOR BEAMS THAT ARE EITHER CONTINUOUS ACROSS MULTIPLE SPANS OR THAT ARE SUPPORTING NON-UNIFORM LOADS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.

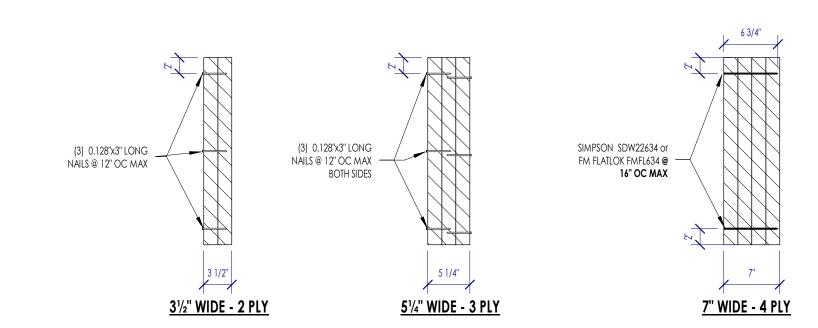
4E S4.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS



TYPICAL NAILING CONFIGURATIONS

84.0

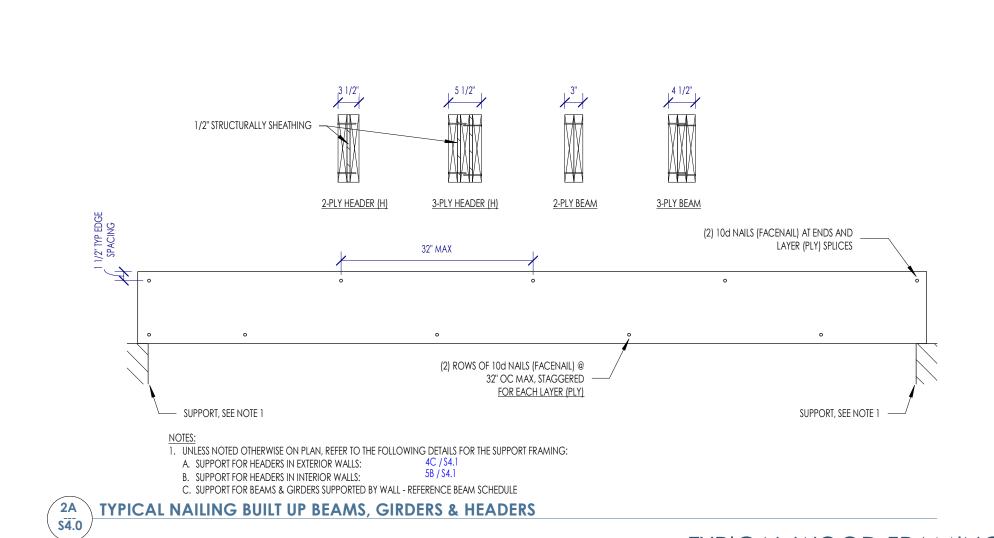




TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS

84.0

FAS	STENER SCHEDULE - TO BEAN	N TOP FLANGE	FASTENI	IER SCHEDULE - TO BEAM WEI	B / BOTTOM FLANGE	(2) 0.131X3" NAILS @ 6" OC	1" MIN EDGE DISTANCE FOR STEEL AND WOOD 1" MIN EDGE DISTANCE FOR	PAF'S CONNECTING BASE NAILER	
t _f (in)	PAF FASTENER ²	BOLT / ROD4	t _w (in)	PAF FASTENER ²	BOLT / ROD4	1" 1"	STEEL AND WOOD 1" MIN EDGE DISTANCE FOR STEEL AND WOOD	TO STEEL WEB	EO EO 2ND ROW SHALL BE STAGGERED EQUALLY PAF'S CONNECTING BASE LEDG
≤ 0.35	X-U 47 @ 12" OC	1/2"Ø @ 24" OC	≤ 0.35	(3) - X-U 47 @ 12" OC	(2) - 1/2"Ø @ 24" OC		NAILER, REF SCHEDULE	//	BETWEEN 1ST AND THIRD WEB
).35 < † _f ≤ 0.44	DS 47 @ 12" OC	1/2"Ø @ 24" OC	0.35 < t _w ≤ 0.44	(3) - DS 47 @ 12" OC	(2) - 1/2"Ø @ 24" OC	FASTENER, REF SCHEDULE		=	
t _f > 0.44	N/A	1/2"Ø @ 12" OC	t _w > 0.44	N/A	(2) - 1/2"Ø @ 12" OC	TASILINER, REI SCHLEDOLL	FASTENER, REF SCHEDULE		1ST ROW
NAILER SCHEE	DULE - TO BEAM FLANGE	NAILER SCHEDU	JLE - TO BEAM WEB						2ND ROW
b (in)	NAILER SIZE	d (in)	NAILER SIZE						3RD ROW
≤ 5.5	2x4	≤ 5	2x4	1 1/2"	HSS TOP FLANGE			BASE NAILER	
5.5 < b ≤ 7.25	2x6	5 < d ≤ 6.75	2x6		1100 101 11/11/01	<u>DBL NAILER FASTENING</u>	WELDED THREADED ROD WITH NUT	NAILER TO WEB	3" MAX SPACING SPACING SPACING
t _f > 7.25	2x8	6.75 < d ≤ 8.75	2x8		HSS WEB				NAILER TO WEB - ELEVATION VIEW
		8.75 < d ≤ 10.75	2x10			2" MIN	1" MIN EDGE DISTANCE FOR_		-6' MAX
		10.75 < d ≤ 15	(2) - 2X8			1/2" MIN EDGE DISTANCE FOR FOR STEEL AND WOOD 1/2" MIN EDGE DISTANCE FOR STEEL AND WOOD	STEEL AND WOOD 1" MIN EDGE DISTANCE FOR STEEL AND WOOD		SPACING SPACING SPACING SPACING
		15 < d ≤ 19	(2) - 2x10		HSS BOTTOM FLANG	NAILER, REF SCHEDULE	NAILER, REF SCHEDULE		
		19 < d ≤ 23	(2) - 2x12						
		d > 23	(3) - 2x8			FASTENER, REF SCHEDULE	FASTENER, REF SCHEDULE		
2. FASTENER DE A. X-U 47		S ARE POWDER-ACTUATED FASTE				TOP FLANGE			ND OF BEAM API OF
B. DS 47 a. HEAV 3. FASTENER IN	vy duty smooth shank fa nstallation shall follow	TENER WITH A SHANK DIAMETER STENER WITH A SHANK DIAMETE ALL SPECIFICATIONS PER THE M ASTM A307 BOLTS. THREADED R	er of 0.177" and a shank Ifr.	K LENGTH OF 47 mm (1.85")		BOΠOM FLANGE			NAILER TO FLANGE - PLAN VIEW



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> DUDLEY Structural: Dudley 6102 Imperial Loop Drive College Station, TX 77845 (979) 777-0720

MEP: AMC Engineers 508 E Jackson St # 552 Burnet, TX 78611

info@amcengineers.com

Architect: OpeningDesign 17 S Fairchild | FL 7 Madison, WI 53703 ryan@openingdesign.com | 773.425.6456

Date 1 Description	
06/02/2022 Review before Permit	
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