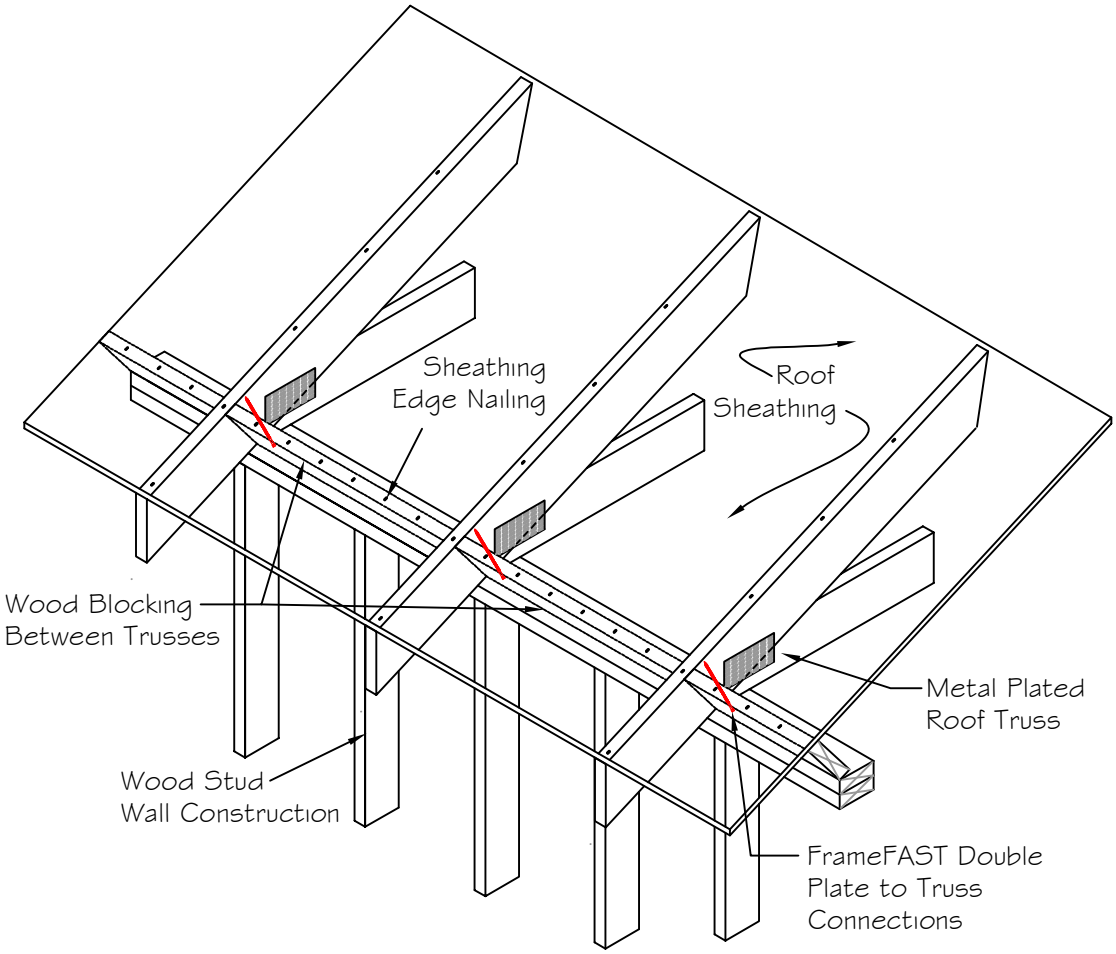

Truss to Double Top Plate at Wood Stud Wall Condition - Isometric Detail - With Wood Blocking

N.T.S.

TABLE 2. FRAMEFAST™ FASTENERS 1.25 ALLOWABLE LOADS FOR UPLIFT & LATERAL RESISTANCE

Fastener Designation	Minimum Penetration into Truss/Rafter/Wood Structural Support[1] (in)	Species Group (Specific Gravity)[2,3]	Uplift[4,5] (lbf)	Lateral[4] (lbf)		
					F1 Parallel to Wall (With Blocking)	F2 Perpendicular to Wall
		So. Pine (0.55)	690		650	485
6" FMFF006	2 1/2"	Douglas Fir-Larch (0.50)	655		600	455
		Spruce-Pine-Fir/Hem-Fir (0.42)	595		520	400

SI: 1 in. = 25.4mm, 1lb=4.45 N

1. Wood truss , rafter or floor joist members shall be a minimum of 2" nominal thickness. Design of truss, rafter or joist is by others.
2. Equivalent specific gravity of structural composite lumber SCL) shall be equal to or graeter than the specific gravities provided in this table. Refer to product information from SCL manufacturer.
3. For applications involving members with different specific gravities, use the allowable load corresponding to the lowest specific gravity.
4. No further duration of load incrteases permitted.
5. Use reduction factor of 0.80 when connecting each ply of multiply trusses to the top[plate.
6. See Figure 3 and Figure 4 for blocking requirements between trusses, rafter or floor joist.
7. For embedment depths into main member of less than 2 1/2" (full penetration), reduced allowable uplift shall be calculated using Section 5.2.2 and Figure 5. For embedment depths greater than 2 1/2", np futher increases allowed.

FrameFAST Connection Detail - N0. 20

Job No. 0000	No. 20	Sheet:	Drawn By: SPK	Scale: AS NOTED	Date: 04/13/2023

FastenMaster PRO Driven

FastenMaster Framing Details

Rev. No	Revision Description	Date
0	First Release	XX/XX/2020