



Side View

ThruLOK - POLE BARN HEADER

NUMBER OF THRULOK FASTENERS PER COLUMN				
Building Width (ft)	Wood Species	Snow Load (psf)		
		20	30	40
24	SPF / HF	4	4	6
	DF / SP	4	4	4
28	SPF / HF	4	6	6
	DF / SP	4	4	6
32	SPF / HF	4	6	6
	DF / SP	4	4	6
36	SPF / HF	4	6	8
	DF / SP	4	6	6
40	SPF / HF	4	6	8
	DF / SP	4	6	8
44	SPF / HF	6	8	8
	DF / SP	6	8	8
48	SPF / HF	6	8	NA
	DF / SP	6	6	8
52	SPF / HF	6	8	NA
	DF / SP	6	8	8

MINIMUM FASTENER SPACING				
Edge	Beam		Column	
	Top	Bottom	Right/Left	
End	R / L	1"	Top	2"
	Between Fasteners	Horizontal	2-1/2"	
		Vertical	1-3/4"	

DESIGNER NOTES

Patterns assume double 2x8 or deeper beams attached to columns 8' apart supporting trusses at 4' oc with 10 psf TC and 5 psf BC dead loads under wet use conditions. Building width includes 1' max truss overhang on ends. 2x10 minimum beams required for 8 fastener patterns.

COMPLIANT TO CODES

IRC, IBC, LABC, LARC, FBC, FRC

SUPPORTING TECHNICAL REPORTS

ICC-ES Evaluation Report ESR-1078
<https://icc-es.org/report-listing/esr-1078/>
 DRJ Technical Evaluation Report TER 1308-11
<https://www.drjcertification.org/company/fastenmasterr>

DETAIL #
FM - THLK06

REV. DATE
10/28/2021

FastenMaster Framing Details

