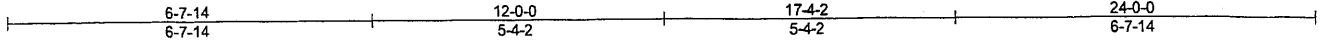


Job 1904090	Truss 24PB	Truss Type FINK	Qty 14	Ply 1	P4-24 Stock Pole Trusses Job Reference (optional)	K6010733
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Truss Components of WA, Tumwater, WA - 98512,

8.240 s Dec 6 2018 MITek Industries, Inc. Mon Apr 22 12:17:21 2019 Page 1

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NOTE: ACTUAL O.C. SPACING OF TRUSS IS 2 TRUSSES EVERY 12'-0" (SEPERATED BY 5.5" SPACE)
CONTINUOUS 2X6 DF #2 MIN BLOCKING IS REQUIRED ALONG THE BOTTOM CHORD REFER TO "POLE
BARN BOTTOM CHORD BRACING DETAIL (1PLY)" STANDARD FOR COMPLETE SPECIFICATIONS.

Scale = 1:40.7

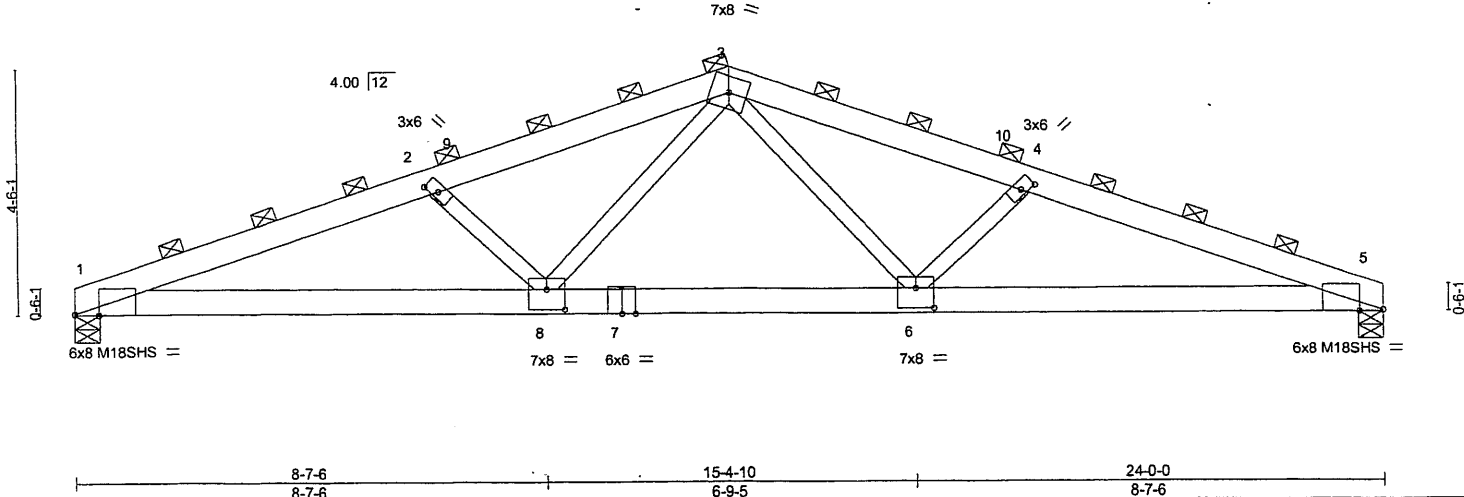


Plate Offsets (X,Y)-- [1:0-5-4,Edge], [2:0-3-0,0-1-4], [4:0-3-0,0-1-4], [5:0-5-4,Edge], [6:0-4-0,0-4-8], [8:0-4-0,0-4-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0 (Roof Snow=30.0)	6-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.93 BC 0.90 WB 0.41 Matrix-S	Vert(LL) -0.26 Vert(CT) -0.39 Horz(CT) 0.12	6-8 6-8 5	>999 >717 n/a	240 180 n/a	MT20 M18SHS	220/195 220/195
TCDL 7.0	Rep Stress Incr NO Code IBC2015/TPI2014							
BCLL 0.0								
BCDL 10.0								
							Weight: 126 lb	FT = 0%

LUMBER-
TOP CHORD 2x6 DF SS
BOT CHORD 2x6 DF SS
WEBS 2x4 DF No.2

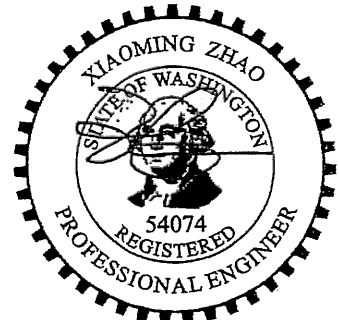
BRACING-
TOP CHORD 2-0-0 oc purlins (2-2-1 max.)
(Switched from sheeted: Spacing > 2-8-0).
BOT CHORD

REACTIONS. (lb/size) 1=3319/0-5-8, 5=3319/0-5-8
Max Horz 1=120(LC 18)
Max Uplift 1=-1032(LC 10), 5=-1032(LC 11)

CONTINUOUS BLOCKING REQUIRED. REFER TO
"POLE BARN BOTTOM CHORD BRACING DETAIL (1PLY)"
STANDARD DETAIL FOR COMPLETE SPECIFICATIONS.

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-7685/3877, 2-3=-6673/3455, 3-4=-6673/3455, 4-5=-7685/3877
BOT CHORD 1-8=-3479/7104, 6-8=-2131/4888, 5-6=-3479/7104
WEBS 2-8=-1601/1049, 3-8=-954/2122, 3-6=-954/2122, 4-6=-1601/1049

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=3.0psf; BCDL=0.6psf; h=15ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.20
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) All plates are MT20 plates unless otherwise indicated.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1032, 5=1032.
 - 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



April 22, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

