

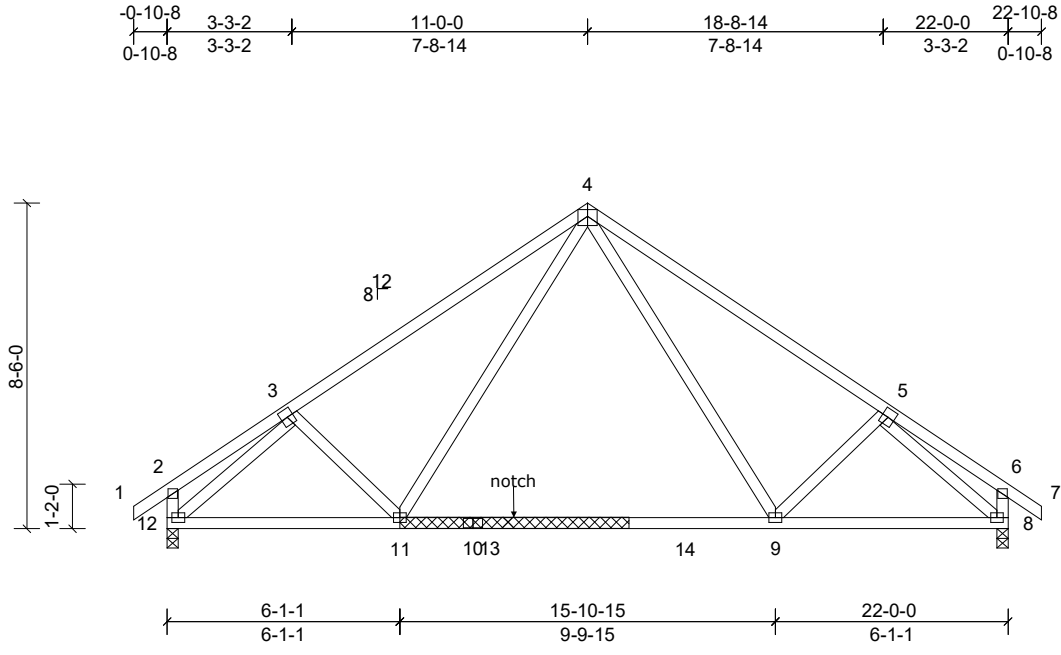
Job 72426067REP1	Truss B2	Truss Type Truss	Qty 6	Ply 1	PARKS BLDG/J-LYNN ELEV. A RF Job Reference (optional)
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Run: 8.73 S Jul 24 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Oct 22 16:05:50

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Repair for a 6" wide by 1" deep semi-circular notch in the top edge of the bottom chord where indicated.

Attach 2x4 x 6' SP or SPF No.2 scab to each face of truss centered on notch with 2 rows of 10d (.131" x 3") nails spaced 4" oc DO NOT notch scabs.

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.37	9-11	>712	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.57	9-11	>453	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 129 lb	FT = 20%

LUMBER	TOP CHORD	2x4 SP No.2	BOT CHORD	2x4 SP No.2	WEBS	2x4 SP No.3	REACTIONS	(lb/size)	8=930/0-3-8, (min. 0-1-8), 12=930/0-3-8, (min. 0-1-8)	Max Horiz	12=327 (LC 9)	Max Uplift	8=272 (LC 11), 12=272 (LC 10)	Max Grav	8=945 (LC 18), 12=945 (LC 17)	FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2x4 SP No.2		BOT CHORD	2x4 SP No.2		WEBS	2x4 SP No.3		8=930/0-3-8, (min. 0-1-8), 12=930/0-3-8, (min. 0-1-8)	Max Horiz	12=327 (LC 9)	Max Uplift	8=272 (LC 11), 12=272 (LC 10)	Max Grav	8=945 (LC 18), 12=945 (LC 17)	FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES (7)**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=155mph (3-second gust) Vasd=123mph; TC DL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 272 lb uplift at joint 12 and 272 lb uplift at joint 8.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - This repair has been prepared based on information and use conditions supplied by client. Designer has made a good faith effort to outline damage and repair conditions as reported by client. When actual field conditions do not approximate those indicated on this drawing, client shall immediately inform the engineer and refrain from applying the repair.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.

