

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.



Job	Truss		Truss Type		Qty	Ply	LGI HOMES	CARY RF		
72510073RE	1/7		Truss		1	1				
	LC, 5631 S. NC 62, B	urlington NC JMP	11000	Run: 8 83 S			Job Referen		al) es, Inc. Tue Jun 10 0	9:53:3: Page: 1
	20,00010.10002,0				-					8x15Csft_DhjmfXbz7kOW
				2-7-6						
2-0-0 + 4-11-14 + 9-11-12										
2-4-8										
		m		1		\searrow				
		3-4-3	8 ¹²				\searrow			
$\frac{1}{2} \xrightarrow{\frac{1}{2}} \xrightarrow$										
Repair for the left end stubbed as shown.										
Attach 2x4 SP or SPF No.2 scab to one face of truss as shown with three 10d (.131" x 3") nails in the top and bottom chords. 2-7-6										
				1 1		0 11 42		I		
			2-0-0	11		9-11-12		\neg		
Plate Offsets (X, Y): [6:0-1-15,0)-1-8]								
Loading TCLL (roof)	(psf) 20.0	Spacing Plate Grip DOL		CSI TC	0.26 Ver	FL t(LL)	in (loc) n/a -		/d PLATES 99 MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.31 Ver	t(TL)	n/a -	n/a 99	99	244/100
BCLL BCDL	0.0* 10.0	Rep Stress Incr Code		WB Matrix-MSH	0.06 Hor	iz(TL)	0.01 3	n/a n	/a Weight: 36 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 2x4 SP No.3			тс	Racing OP Chord OT Chord				ctly applied or 9-11-1: 10-0-0 oc bracing.	2 oc purlins.
REACTIONS			-8), 4=384/9-11-12, (min. 0-1-	·8), 5=34/9-11-12,						
	Max Horiz	(min. 0-1-8) 5=-92 (LC 11)								
		3=-17 (LC 11), 4=-69 (LC 3=172 (LC 22), 4=388 (L								
FORCES	(lb) - M	ax. Comp./Max. Ten A	I forces 250 (lb) or less excep	t when shown.						
NOTES (10) 1) Unbalanced ro	oof live loads have been c	considered for this design.								
zone; cantilev	er left and right exposed ;	end vertical left and right exp	DL=6.0psf; BCDL=6.0psf; h=35ft; Ca osed;C-C for members and forces &	at. II; Exp B; Enclosed; MV MWFRS for reactions sh	VFRS (envelope own; Lumber D	e) exterior zone OL=1.60 plate g	and C-C Exterior (2 grip DOL=1.60	2)		
,	member connections shall s continuous bottom chore	I be provided by others for fore d bearing.	ces as indicated.							
	-		nconcurrent with any other live load n chord in all areas where a rectang		wide will fit betv	veen the botton	n chord and any			
other member	rs.	-	1 angle to grain formula. Building de	-						
			apable of withstanding 17 lb uplift at dential Code sections R502.11.1 an							
10) This repair ha	is been prepared based or	n information and use conditio	ns supplied by client. Designer has nose indicated on this drawing, clien	made a good faith effort t	o outline damag	ge and repair co	onditions as applying the repair.			
									mm	unn _n
								Ju	Protect	AROLINA
							/		SE 025	BAFO/45
									Min M.	PRESIMI

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Job	Truss		Truss Type	Qty	Ply	LOLHOMES		PF		
72510073RE	1/0			1	1	LGI HOMES\CARY RF				
	LC, 5631 S. NC 62, Bu	rlington NC IMP	Truss	Run: 8.83 S Apr 11 202		Job Referen		,		9:53:3 ² Page: 1
	LC, 5031 5. NC 02, BC			ID:ztaeH						UZQOJ8NwNWD32z7kOV
				3-5-14						
			1-1-6							
			<i>├ ↓</i>		1-12					
			\uparrow \uparrow	2-4-8 2						
			[€] 8 ¹² 1.α							
					\searrow					
					XXXX	3				
5 4										
Repair for the left end stubbed as shown.										
Attach 2x4 SP or SPF No.2 scab to one face of truss as shown with three 10d (121" x 2") poils in the ten and better abords										
with three 10d (.131" x 3") nails in the top and bottom chords.										
			1-0-0							
				6-11-12						
Plate Offsets (X, Y	'): [2:0-2-0,0-3	3-0]	1 TI		1					
Loading	(psf)	Spacing	2-0-0 CSI		EFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) TCDL	20.0 10.0	Plate Grip DOL Lumber DOL	1.15 TC 1.15 BC		ert(LL) ert(CT)	n/a - n/a -	n/a n/a	999 999	MT20	244/190
BCLL BCDL	0.0*	Rep Stress Incr	YES WB	0.07	lorz(CT)	0.00 3	n/a	n/a	Woight: 24 lb	ET - 20%
	10.0	Code	IRC2015/TPI2014 Matri	ix-MSH					Weight: 24 lb	FT = 20%
LUMBER TOP CHORD	2x4 SP No.2			BRACING TOP CHORI					applied or 6-11-12	2 oc purlins.
BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.3			BOT CHORI	e R	igid ceiling direct	ly applied	l or 10-	0-0 oc bracing.	
OTHERS REACTIONS	2x4 SP No.3	2-96/6 11 12 (min 0)	1.9, $1-369/6$, 11.12 (min. $0.1.9$) E-	16/6 11 12						
REACTIONS		min. 0-1-8)	1-8), 4=368/6-11-12, (min. 0-1-8), 5=	10/0-11-12,						
	Max Uplift	3=-11 (LC 11), 4=-44 (l 3=89 (LC 18), 4=368 (l	,							
FORCES			All forces 250 (Ib) or less except whe	en shown.						
WEBS NOTES (9)	2-4=-30	1/220								
1) Unbalanced r	oof live loads have been co	0	CDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; E	Fin B: England: MWERS (anyo		and C.C.Exterior (2)			
zone; cantilev	ver left and right exposed ; member connections shall	end vertical left and right e	posed;C-C for members and forces & MWF	FRS for reactions shown; Lumbe	DOL=1.60 plate	grip DOL=1.60	-)			
	es continuous bottom chord s been designed for a 10.0	0	nonconcurrent with any other live loads.							
other membe	rs.	-	om chord in all areas where a rectangle 3-00	-	etween the botto	m chord and any				
8) This truss is c	designed in accordance wit	h the 2015 International Re	capable of withstanding 11 lb uplift at joint 3 esidential Code sections R502.11.1 and R80	2.10.2 and referenced standard						
 This repair has reported by cl 	as been prepared based on lient. When actual field cor	information and use condinditions do not approximate	tions supplied by client. Designer has made a those indicated on this drawing, client shall	e a good faith effort to outline da I immediately inform the enginee	nage and repair of r and refrain from	onditions as applying the repair.				
										2
									MILLING CH	ARO
							0		I OP SEE	FION IN "
							Ch	E	wel	en II
								i	SE	AL BAFO/25
							R	TH1	025	6710/45
						100		(IIII) (MANNAN)	O, ENGI	NEEP of ST
									MIN M.	PRESUUT
1									111111	unum.

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