Non-Itemized QUOTE Estimate UFP Mid-Atlantic, LLC



REQ. QUOTE DATE //	ORDER#	
ORDER DATE //	QUOTE #	23032053
DELIVERY DATE //	CUSTOMER ACCT #	PHDC3652
DATE OF INVOICE //	CUSTOMER PO #	
ORDERED BY	INVOICE #	
	TERMS	W0
SUPERINTENDENT	SALES REP	798 Mike Solomor
JOBSITE PHONE #	SALES AREA	282 Burlington 1

	HD COMPONENTS # 3652	JOB NAME: ODINA NUN	EZ	LOT # 699 SUBDIV:							
HO	HD COMPONENTS # 3652 901	MODEL:T242469	TAG: 130W	JOB CATEGORY: RR							
TO	FUQUAY VARINA, NC 27526	DELIVERY INSTRUCTIONS:	Note: Customer Signature Required on order conf								
Ц			counts, spans	and all other truss p	rofile specifications prior						
SH		SDECIAL INSTRUCTIONS	to order being	released to producti	on. Please fax signed	-					
- 1	699 DENNING ROAD	SPECIAL INSTRUCTIONS:	order to 360-	604-7476 or send PD	F to						
Ô	ANGIER, NC 27501		hdc_truss@homedepot.com X:								
					DV BATE	-					

											DATE
BUILDING DEPARTMENT	OVERHA	ANG INFO	HEEL HEIGHT	00-04-03	REQ. LAYOUTS		REQ. ENGINEERING		QUOTE	af2	03/21/23
SELECT CODE	END CUT	RETURN							LAYOUT	af2	03/21/23
	PLUMB		GABLE STUDS	24 IN. OC	JOBSITE	2	JOBSITE	1	CUTTING		11

ROOF T	RUS	SES		ADING FORMATION		TCLL-TCDL-BCLL-BCDL S 20.0,10.0,0.0,10.0			RO	OF TRUS	S SPACI	NG:			
PROFILE	QTY	PIT	CH	TYPE	BASE	O/A	LUN	MBER	OVER	RHANG	CANT	ILEVER	ST	TUB	
	PLY	TOP	вот	ID	SPAN	SPAN	TOP	BOT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
	2	6.00	0.00	COMMON A00	36-00-00	36-00-00	2 X 4	2 X 4							
	23	6.00	0.00	COMMON A01	36-00-00	36-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
MAN	1	6.00	0.00	COMMON B00	26-00-00	26-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
	11	6.00	0.00	COMMON B01	26-00-00	26-00-00	2 X 4	2 X 4			01-00-00	01-00-00			
	1	6.00	0.00	VALLEY V1	05-04-00	05-04-00	2 X 4	2 X 4							
	1	6.00	0.00	VALLEY V2	09-04-00	09-04-00	2 X 4	2 X 4							
	1	6.00	0.00	VALLEY V3	13-04-00	13-04-00	2 X 4	2 X 4							

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES	
2	Truss Literature	11X17 LAYOUT				A SHAREST CO.
2	Truss Literature	PRINT TRUSS DRAWINGS				
74	New USP Hangers	RT7A - USP HANGER			USP HANGER UPDATED 1-25-23	

ACCEPTED BY SELLER	ACCEPTED BY E PURCHASER:	BUYER	
	BY:	TITLE:	
BY:	ADDRESS:		
TITLE:			
DATE OF ACCEPTANCE:	PHONE:	DATE:	

Retail	\$6,414.29

Pricing provided is effective for 15 days from the quote date. Delivery of items listed from the time of quote should not exceed 60 days Quote is based on current design values at the time of quote (lumber, EWP, hardware, etc). Should any of these val sell price accordingly.

If any truss in this system exceeds 60' in length UFP will require the builder, framer or installer to sign an acknowledgement of risk for installation of long span trusses. UFP will provide this document to the customer.

A INDICATES LEFT END OF TRUSS SCALE N.T.S DESIGNER TAYOUT DATE STAG DARE STAG DATE PLACEMENT PLAN 9475 48.0. 15.5. .t.S 13.0. 15.5. .7.9 2088 WED 3 1/2" x 10" Generic Material 3 1/2" x 10" Generic Material 8803 3 1/2" x 10" Generic Material WED 8802 MED 1 3/4" x 11 7/8" 2.0E Microllam® LVL 59.0. BM3 8' 0" 1 3/4" x 11 7/8" 2.0E Microllam® LVL WED Plies Net Qty Fab Type Products UFP 54.0. 48.0. HID SINES OU SITE AVETEA FINES 33'2 # # E8.18 3NLJ 30019

BUILT

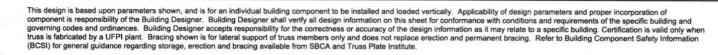
THESE VALUES ARE APPROXIMATE ONLY

TO PART OF 17 IT.OFTS AREA TOOR

Job	7	russ		Truss Type		Oh		Ply							
23032053		00				Qty 2		1 y							
		amono		Truss				1	Job Refe		_	_		N. 1100 P. 100 I	
IFP Mid Atlantic L	LC, 5631 S. NC	62, Burl	lington, NC, Angela Fog	leman	Run: 8.62 S								nc. Tue Mar 21 12 AH6N?XCW7yRI		Page: 1 v3tvtvzYihl
	1		1	8-0-0		1			The Court of		36-0-		u lotti Motti yi u		10171121701
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94-3				6	SIT			STI7			_1	6			
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T 42	·			B1		B2 1						****	B1		21
0	2.5	‱ 39	38 37	36 35 34		31 30	****	28	27	26	25 25	200000	24 23	22	88
	3x5					8 lb/-129 lb	3x6								3x5
	1-0-0					36-0-0									1
Scale = 1:60.5	1-0-0					35-0-0									1
Plate Offsets (X, Y): [11:0-	3-0,Edg	pel .								_				
Loading				200	CEL		DEE		1- 0-	-> 1/4			DI ATES		
TCLL (roof)		osf) (0.0	Spacing Plate Grip DOL	2-0-0 1.15	TC TC	0.23	DEFL Vert(in (lo	c) l/de - n		L/d 999	PLATES MT20	GRIP 244/190	
TCDL BCLL		0.0	Lumber DOL	1.15	BC	0.21	Vert(n/a			999			
BCDL		0.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-MSH	0.12	Horiz	(IL)	0.01	22 n	/a	n/a	Weight: 228 lb	FT = 20%	
LUMBER						BRACING		***************************************							
TOP CHORD	2x4 SP No.2					TOP CHOP					110000		applied or 10-0-0	oc purlins.	
BOT CHORD OTHERS	2x4 SP No.2 2x4 SP No.3					BOT CHOP WEBS	RD	10000	id ceiling d Row at midp		plied	or 6-0-	-0 oc bracing. 10-31, 12-30		
REACTIONS	All beari												5710 5 55		
	(lb) - Max Hor Max Upli		=-157 (LC 11)	joint(s) 22, 24, 25, 26, 27,	28 33 34 35 36										
	Max Gra	37	, 39 except 23=-121 (LC												
	IVIAX OIA	36		(LC 22), 30=256 (LC 1), 3		,									
FORCES	(lb			forces 250 (lb) or less exce	ept when shown.										
TOP CHORD	8-	9=0/255	5, 9-10=-6/314, 10-11=-	20/276, 11-12=-20/276, 12-	-13=-6/314										
NOTES 1) Unbalance	ed roof live loa	ds hav	ve been considered	for this design.											
2) Wind: AS	CE 7-10; Vult=	130mp	oh (3-second gust) V	asd=103mph; TCDL=6						d;					
exposed;				r (2) zone; cantilever le or reactions shown; Lui					ngnt						
			in the plane of the tr otherwise indicated												
5) Gable stu	ds spaced at 2	2-0-0 o	C.												
				chord live load noncor 0.0psf on the bottom che					tall by						
2-00-00 w	vide will fit betw	veen th	ne bottom chord and	any other members. to bearing plate capab						26					
37, 39, 28	3, 27, 26, 25, 2	4, 22 €	except (jt=lb) 38=129	, 23=121.	ne or withstandi	ig 100 ib up	ли а	i joint(s) 3	3, 34, 33,	30,					
			n. Review required. dance with the 2015	International Resident	ial Code section	s R502.11.	1 and	R802.10.	2 and						
	d standard AN Standard														
LUND UNGE(0)	Standard														



Job ,		Truss		Truss Type		Qty	Ply							
23032053		A01		Truss		2	3	1	lah Dafa		4111			
LIED Mid Atlantic	II.C 5621 S N/	C 62 Pu	lington, NC, Angela Fo		D	0 0 22 20	22 Drint: 0.6		Job Refe			Inc. T Mar. 24	40.40.54	Do not
OFF WIII Allamiic	LLC, 3631 S. NO	62, Bui	nington, NC, Angela Fo	gleman	Run; 8.62							Inc. Tue Mar 21	12:42:54 yRkixVLW7xrJ1k0	Page: 1
		6-4-5		10.0.0	49.00			200			Salari Alaria		1000 00 000	3,00,002.7,00
	1	6-4-5	+	12-2-3 5-9-13	18-0-0 5-9-13	+	23-9- 5-9-1		+		7-11 9-13	+	36-0-0 6-4-5	→
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														- 1
				3x4					3x4					
				3 7	2			13	2 5					
				612					1					
m						W4			///					- 1
94-3			5x6					//		\		5x6		- 1
0,				wz.	W3		,	W3		N/S				- 1
				//	18		//			18		>		- 1
		71	WA	//			//					who	Th	
	5x8	//	.//	\ //			//				/	//		3x10
9	1 HW1					W//				//	$\sqrt{/}$		HW1	7
T 25	NSH NSH		В	0.0000		B2					⊗ 8	B1	1100	N I
	Δ.			12		10					8			
1	1070 lb/-161 lb			3x4	3x6	3x8		3x6		1546 lb/	376 lb		345	lb/-67 lb _{3x5}
	1-0-0		0.00											36-0-0
-	+ +		9-8-9 8-8-9		8-0-0 8-3-7	+		26-1 8-10			+	35-0 8-1-		++1
Scale = 1:60.3	1-0-0		0-0-0		5-5-7			0-10) - +			0-1-	-12	1-0-0
Plate Offsets (X, Y	Y): [1:0-	-8-0,0-0-	2], [1:0-0-8,0-11-5], [2:0	-3-0,0-3-0], [6:0-3-0,0-3-0],	[7:0-0-12,0-0-2], [7:0-0-2]	7:0-0-4,Edge]							
Loading		(nef)	Cassina	200	001							T		
TCLL (roof)		(psf) 20.0	Spacing Plate Grip DOL	2-0-0 1.15	TC	0.72	DEFL Vert(LL)	-0	in (loc).15 10-1		L/d 240	PLATES MT20	GRIP 244/190	- 1
TCDL		10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)		0.27 10-1		180	WIIZO	244/190	- 1
BCLL		0.0*	Rep Stress Incr	YES	WB	0.37	Horz(CT)	(.04	8 n/a	n/a			- 1
BCDL		10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 187 II	b FT = 20%	
LUMBER						BRACING	1							
TOP CHORD	2x4 SP No.2					TOP CHO		Stru	ictural wood	sheathing	directly	applied or 3-7-	14 oc purlins.	- 1
BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.3					вот сно	RD		d ceiling dir 0 oc bracin		ed or 10	-0-0 oc bracing,	Except:	- 1
WEDGE	Left: 2x6 SP I					WEBS			ow at midpt	g. 1-0.		3-10, 5-8		- 1
	Right: 2x6 SP													- 1
REACTIONS	(lb/size		=1070/0-3-8, (min. 0-1-8 1-13)), 7=265/0-3-8, (min. 0-1-8)	, 8=1546/0-3-8, (n	nin.								- 1
	Max H	oriz 1=	157 (LC 10)											- 1
	Max U _l Max G		:-161 (LC 10), 7=-67 (LC :1070 (LC 1), 7=345 (LC	것이 이번 어짓이는 그런 생생님이 되었다.										- 1
FORCES				forces 250 (lb) or less exce	ent when shown									- 1
TOP CHORD				-4=-761/328, 4-5=-759/327										- 1
BOT CHORD				8, 11-23=-153/1008, 10-11				=0/304						
WEBS	3	3-12=-28/	/385, 3-10=-601/284, 4-	10=-112/394, 5-10=-47/489), 5-8=-1227/386, (6-8=-346/231								
NOTES 1) Unbalance	and roof live to	ade ha	ve been considered	for this design										
	CE 7-10; Vult	t=130m	ph (3-second aust) V	/asd=103mph; TCDL=6	.0psf: BCDL=6.	0psf: h=35	ft: Cat. II: E	Exp B:	Enclosed					
MWFRS	(envelope) ex	terior z	one and C-C Exterio	r (2) zone; cantilever let	ft and right expo	sed; end	vertical left	and ri						
				or reactions shown; Lur n chord live load noncor										
4) * This tru	ss has been d	designe	d for a live load of 20	0.0psf on the bottom che	ord in all areas	where a rec	ctangle 3-0	06-00 t	all by					
2-00-00 v	wide will fit bet	tween th	ne bottom chord and	any other members, w	ith BCDL = 10.0	psf.			110020-5	12				
	necnanicai co d 67 lb uplift a			to bearing plate capab	le of withstandii	ng 1/6 lb u	plift at join	t 8, 16	1 lb uplift	at				
6) This truss														
reference LOAD CASE(S)	referenced standard ANSI/TPI 1. AD CASE(S) Standard													
LOND CHOC(3)	Standard	•												
														- 1
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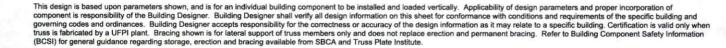




Qty Ply Job Truss Truss Type B00 23032053 1 1 Truss Job Reference (optional) UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55 Page: 1 ID: szP8Gl?8KmXK?jje9crfRfzYjsp-MEyKgUEkwbEEdhmihfyzE82ZrXHm2PLPAjdWQMzYjbkryflower.6-9-4 13-0-0 19-2-12 26-0-0 6-9-4 6-2-12 6-2-12 6-9-4 5x6 6 5 612 8 5x4 3 9 5x4 2 10 6-10-3 S 4 **X** 24 23 22 20 18 21 19 16 15 13 25 12 5x6 1040 lb/-145 lb_{3x6} 1040 Jb/-145 lb 3x4 1-1-12 26-0-0 1-0-0 25-0-0 9-0-9 16-11-7 24-10-4 7-10-13 7-10-13 7-10-13 -0-0 0-1-12 0-1-12 Scale = 1:54.1 1-0-0 Plate Offsets (X, Y): [17:0-3-0,0-3-0] Loading 2-0-0 CSI DEFL (psf) Spacing PLATES in (loc) l/defl L/d GRIP TCLL (roof) 20.0 Plate Grip DOL 1.15 TC 0.55 Vert(LL) -0.0617-18 >999 240 MT20 244/190 TCDL 10.0 Lumber DOI 1.15 BC. 0.78 Vert(CT) -0.13 17-18 >999 180 BCLL 0.0 Rep Stress Inci YES WB 0.66 0.05 Horz(CT) 12 n/a n/a BCDI 10.0 Code IRC2015/TPI2014 Matrix-MSH Weight: 189 lb FT = 20% LUMBER BRACING TOP CHORD 2x4 SP No.2 TOP CHORD Structural wood sheathing directly applied or 4-9-9 oc purlins. **BOT CHORD** 2x4 SP No.2 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 2x4 SP No.3 **JOINTS** 1 Brace at Jt(s): 26, 27, 31, 35 OTHERS 2x4 SP No.3 REACTIONS (lb/size) 12=1040/0-3-8, (min. 0-1-8), 25=1040/0-3-8, (min. 0-1-8) Max Horiz 25=113 (LC 10) Max Uplift 12=-145 (LC 11), 25=-145 (LC 10) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD BOT CHORD 15-16=-275/1289, 14-15=-275/1289, 13-14=-275/1289, 12-13=-275/1289, 11-12=-124/773 6-27=-202/525, 27-32=-190/485, 16-32=-188/489, 16-33=-268/144, 21-28=-188/489, 26-28=-190/485, 6-26=-202/525, 21-29=-268/144, 25-31=-584/170, 30-31=-614/175, WEBS 2-30=-579/207, 10-34=-579/207, 34-35=-614/175, 12-35=-584/170 NOTES Unbalanced roof live loads have been considered for this design. Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; 2) 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 Truss designed for wind loads in the plane of the truss only. All plates are 2x3 MT20 unless otherwise indicated. 5) Gable studs spaced at 2-0-0 oc.

- 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.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 145 lb uplift at joint 25 and 145 lb uplift at joint 12.
- 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.

LOAD CASE(S) Standard





Job Truss Truss Type Qty Ply B01 23032053 11 1 Truss Job Reference (optional) UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55 Page: 1 ID: szP8GI?8KmXK? jje9crfRfzYjsp-MEyKgUEkwbEEdhmihfyzE82XZXHP2XqPAjdWQMzYjbkryline for the control of the con6-9-4 13-0-0 19-2-12 26-0-0 6-9-4 6-2-12 6-2-12 6-9-4 3 6 2x3 2x3 2 5x8 5x8 HW1 HW1 8 6 1040 lb/-146 lb 3x8 3x4 3x6 3x4 1040 jb/-146 lb 9-0-9 16-11-7 25-0-0 8-0-9 7-10-13 8-0-9 Scale = 1:48.3 1-0-0 1-0-0 Plate Offsets (X, Y): [1:0-8-0,0-0-2], [1:0-0-8,0-11-5], [5:0-8-0,0-0-2], [5:0-0-8,0-11-5] DEFL Loading (psf) Spacing 2-0-0 CSI (loc) I/defl 1/d PLATES. GRIP TCLL (roof) 20.0 Plate Grip DOL 1.15 TC 0.70 Vert(LL) -0.246-8 >999 240 MT20 244/190 TCDL 10.0 Lumber DOL Vert(CT) -0.40 180 1.15 BC 0.81 6-8 >783 BCLL 0.0 Rep Stress Incr YES WB 0.18 Horz(CT) 0.04 5 n/a n/a BCDL IRC2015/TPI2014 FT = 20% 10.0 Matrix-MSH Weight: 120 lb Code LUMBER BRACING 2x4 SP No.2 TOP CHORD TOP CHORD Structural wood sheathing directly applied or 3-7-13 oc purlins. BOT CHORD 2x4 SP No 2 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3 WEBS WEDGE Left: 2x6 SP No.2 Right: 2x6 SP No.2 REACTIONS (lb/size) 1=1040/0-3-8, (min. 0-1-8), 5=1040/0-3-8, (min. 0-1-8) Max Horiz 1=-113 (LC 11) Max Uplift 1=-146 (LC 10), 5=-146 (LC 11) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-2=-1486/432, 2-3=-1306/433, 3-4=-1306/433, 4-5=-1486/432 BOT CHORD 1-8=-282/1250, 8-19=-98/881, 7-19=-98/881, 7-20=-98/881, 6-20=-98/881, 5-6=-282/1250 3-6=-102/445, 4-6=-299/230, 3-8=-102/445, 2-8=-299/230 WEBS NOTES Unbalanced roof live loads have been considered for this design. Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; 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 146 lb uplift at joint 1 and 146 lb uplift at joint 5. 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. LOAD CASE(S) Standard



Job ,	Truss	Truss Type	Qty	Ply	
23032053	V1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:55

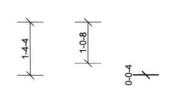
3x4

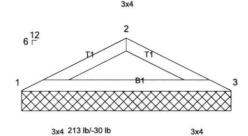
Structural wood sheathing directly applied or 5-4-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

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Scale = 1:28.3

T.		9
	5-4-0	L
1		

Plate Offsets (X, Y):	Plate Offsets (X, Y): [2:0-2-0,Edge]												
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	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	n/a		n/a	999			
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.01	3	n/a	n/a			
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 15 lb	FT = 20%	

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD

REACTIONS

2x4 SP No.2

BOT CHORD 2x4 SP No.2

1=213/5-4-0, (min. 0-1-8), 3=213/5-4-0, (min. 0-1-8)

(lb/size) Max Horiz 1=-21 (LC 11)

Max Uplift 1=-30 (LC 10), 3=-30 (LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-2=-399/178, 2-3=-289/151

BOT CHORD 1-3=-145/345

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; 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
- Gable requires continuous bottom chord bearing.
- 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 5) 2-00-00 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 1 and 30 lb uplift at joint 3.
- 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.

LOAD CASE(S)

Standard



Ply Job Truss Truss Type Qty V2 23032053 1 Truss Job Reference (optional) Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Mar 21 12:42:56 UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Angela Fogleman Page: 1 $ID: K9zWU50m53fBcslqjKMu_szYjso-qRWitqFMhuM5FrLvFNTCnMbobxlen? OZPNM3yozYjbjushaning to the property of the$ 4-8-0 8-9-1 4-8-0 4-1-1 2 ST 6 12 641 lb/-78 lb 1.5x3 3x4 3x4 9-4-0 Scale = 1:27.7 DEFL PLATES GRIP 2-0-0 CSI in I/defl L/d Loading (psf) Spacing (loc) TCLL (roof) 20.0 Plate Grip DOL 1.15 TC 0.23 Vert(LL) n/a n/a 999 MT20 244/190 TCDL 10.0 Lumber DOL 1.15 RC. 0.23 Vert(TL) n/a n/a 999 BCLL 0.0 Rep Stress Incr YES WB 0.10 Horiz(TL) 0.00 n/a n/a BCDL IRC2015/TPI2014 Matrix-MSH Weight: 30 lb FT = 20% 10.0 LUMBER BRACING TOP CHORD TOP CHORD 2x4 SP No.2 Structural wood sheathing directly applied or 9-4-0 oc purlins. BOT CHORD 2x4 SP No.2 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing 2x4 SP No.3 **OTHERS** REACTIONS (lb/size) 1=53/9-4-0, (min. 0-1-8), 3=53/9-4-0, (min. 0-1-8), 4=641/9-4-0, (min. Max Horiz 1=-38 (LC 15) Max Uplift 1=-13 (LC 10), 3=-21 (LC 11), 4=-78 (LC 10) 1=86 (LC 21), 3=86 (LC 22), 4=641 (LC 1) Max Grav (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. **FORCES** TOP CHORD 1-2=-109/315, 2-3=-109/315 WEBS 2-4=-476/241 NOTES Unbalanced roof live loads have been considered for this design. Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; 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 Gable requires continuous bottom chord bearing. 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 5) 2-00-00 wide will fit between the bottom chord and any other members. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 13 lb uplift at joint 1, 21 lb uplift at joint 3 and 78 lb uplift at joint 4. 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. LOAD CASE(S)



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