Non-Itemized QUOTE Estimate

C & R
(910) 567-6293

REQ. QUOTE DATE	/ /	ORDER #	
ORDER DATE	/ /	QUOTE #	28942
DELIVERY DATE	/ /	CUSTOMER ACCT #	000000842
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY		INVOICE #	
		TERMS	
SUPERINTENDENT		SALES REP	David Williams III
JOBSITE PHONE #		SALES AREA	

SOLD TO: Bill Morris
,
(910) 237-8657

SHIP TO: ,

JOB NAME: Bill Morris\15ft LOT # SUBDIV:
MODEL: TAG: 15ft Truss JOB CATEGORY:

DELIVERY INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT	OVERHANG INFO		HEEL HEIGHT	00-04-07	REQ. LAYOUTS	REQ. ENGINEERING		BY	DATE
	END CUT	RETURN			NONE	NONE	QUOTE		/ /
	PLUMB		GABLE STUDS	0 IN. OC			LAYOUT		/ /
							CUTTING		/ /

ROOF TRUSSES

LOADING INFORMATION

TCLL-TCDL-BCLL-BCDL	STRESS INCR.
20.0,10.0,0.0,10.0	1.15

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

PROFILE	QTY	PITCH		TYPE	BASE	O/A	LUMBER		OVERHANG		CANTILEVER		STUB		
	PLY	TOP	BOT	ID	SPAN	SPAN	TOP	BOT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
	29	2.66	1.00	SCISSORS TR1	15-00-00	15-00-00	2 X 4	2 X 4	00-06-00	00-06-00					
	2	2.66	0.00	GABLE TR1GA	15-00-00	15-00-00	2 X 4	2 X 4	00-06-00	00-06-00					

ACCEPTED BY SELLER

BY: _____

TITLE: _____

DATE OF ACCEPTANCE: _____

ACCEPTED BY BUYER

PURCHASER: _____

BY: _____ TITLE: _____

ADDRESS: _____

_____

PHONE: _____ DATE: _____

SUB-TOTAL	$1,214.00
DELIVERY	$75.00
SUB-TOTAL	$1,289.00
SALES TAX 7.000%	$84.98
GRAND TOTAL	**$1,373.98**

Job	Truss	Truss Type	Qty	Ply	Bill Morris\15ft
28942	TR1	SCISSORS	29	1	Job Reference (optional)

C&R Building Supply, Autryville NC — 8.430 s Jan 20 2021 MiTek Industries, Inc. Thu Oct 2 14:42:10 2025 Page 1

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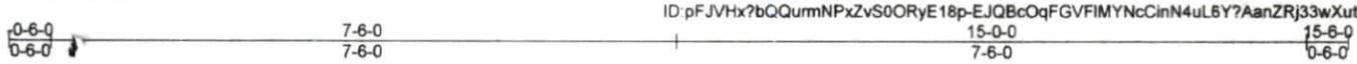

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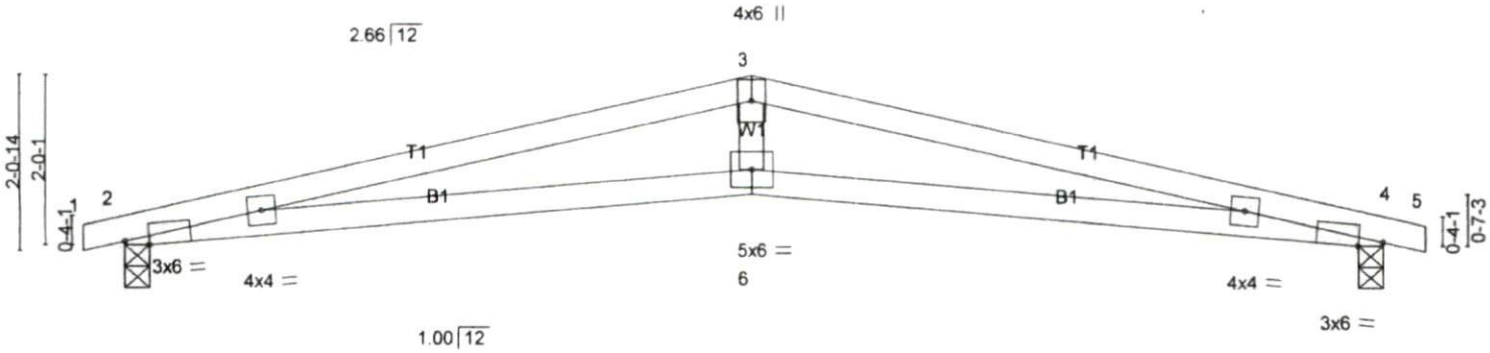

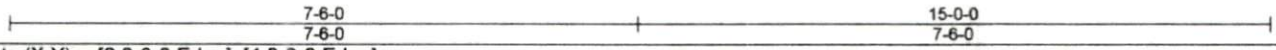

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.14	6-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.29	6-12	>617	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.07	4	n/a	n/a		
BCDL	10.0	Code IRC2018/TPI2014		Matrix-AS		Wind(LL)	0.09	6-9	>999	240	Weight: 48 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP 2400F 2.0E
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=630/0-3-8 (min. 0-1-8), 4=630/0-3-8 (min. 0-1-8)
Max Horz 2=-19(LC 5)
Max Uplift2=-18(LC 4), 4=-18(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2336/0, 3-4=-2336/0
BOT CHORD 2-6=0/2274, 4-6=0/2274
WEBS 3-6=0/587

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; B=45ft; L=15ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Bearing at joint(s) 2, 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bill Morris\15ft
28942	TR1GA	GABLE	2	1	Job Reference (optional)

C&R Building Supply, Autryville NC 8.430 s Jan 20 2021 MiTek Industries, Inc. Thu Oct 2 14:42:10 2025 Page 1

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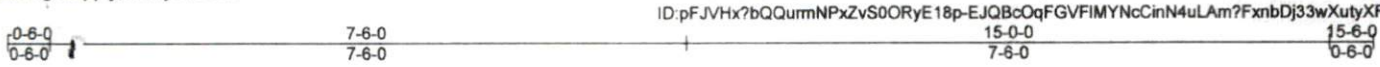

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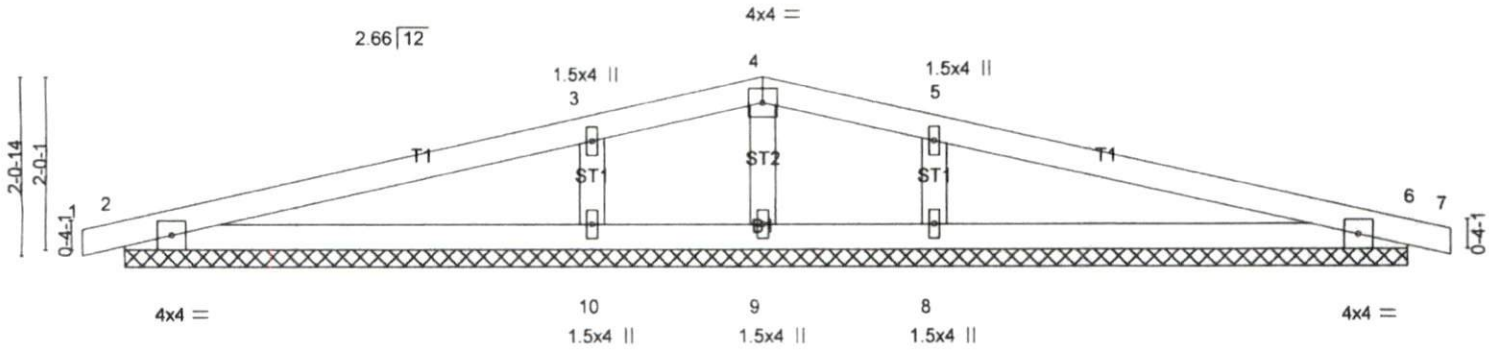

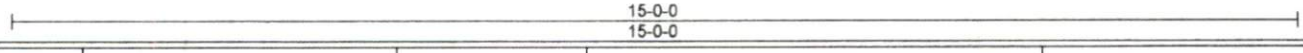

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	0.01	7	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	0.02	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code IRC2018/TPI2014		Matrix-S							Weight: 52 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP 2400F 2.0E
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 15-0-0.
(lb) - Max Horz 2=-19(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 10, 8 except 9=-131(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 10=488(LC 1), 8=488(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-331/83, 5-8=-331/83

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; B=45ft; L=15ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 10, 8 except (jt=lb) 9=131.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard