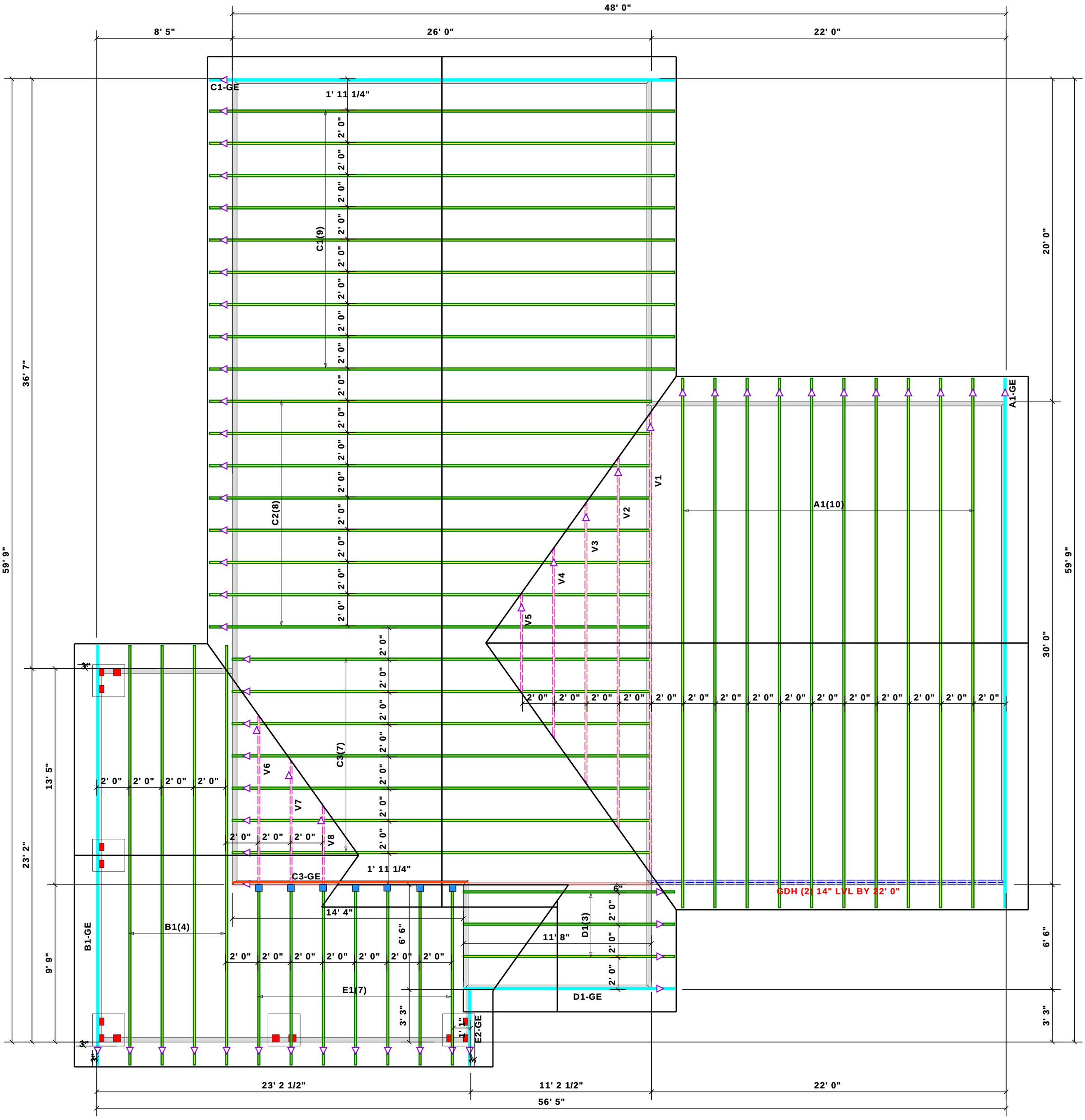

	HUS26	USP	7	NA	16d/3-1/2"	16d/3-1/2"

Hatch Legend

2x6 - 14' 0" BACKSCAB FOR HANGERS

LVL Legend

PlotID	Length	Product	Plies	Net Qty
GDH (2) 14" LVL BY 22' 0"	22' 0"	1-3/4"x 14" LVL Kerto-S	2	2

Truss Placement Plan
SCALE: 1/4"=1'

= Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do NOT Erect Truss Backwards

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (3))

NUMBER OF JACK STUDS REQUIRED AT EACH END OF HEADER/GIRDER

ENDS BEARING (LBS TOT)	REQ'D STUDS FOR 2 PLY HEADER	ENDS BEARING (LBS TOT)	REQ'D STUDS FOR 3 PLY HEADER	ENDS BEARING (LBS TOT)	REQ'D STUDS FOR 4 PLY HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

BUILDER	Parks Building Supply\James Ray	CITY / CO.	Cameron / Moore
JOB NAME	Melissa Miller Job	ADDRESS	1351 Line Road
PLAN	The Adkison RF2, Wrap Porch	MODEL	Homepatterns 4/21/20
SEAL DATE	Seal Date	DATE REV.	07/08/20
QUOTE #	B0420-1824	DRAWN BY	Bob Lewis
JOB #	J0420-1824	SALES REP.	Bob Lewis

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Bob Lewis
Bob Lewis

COMTECH
ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Reaction Summary of Order

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS

REQ. QUOTE DATE	/ /	**ORDER #**	J0420-1824
ORDER DATE	07/08/20	**QUOTE #**	B0420-1824
DELIVERY DATE	/ /	**CUSTOMER ACCT #**	006371
DATE OF INVOICE	/ /	**CUSTOMER PO #**	
ORDERED BY	MIKE RAYNOR	**INVOICE #**	
COUNTY	Moore	**TERMS**	5% 10 Net 30
SUPERINTENDANT	MIKE RAYNOR	**SALES REP**	Bob Lewis
JOBSITE PHONE #	(910) 728-2229	**SALES AREA**	Bob Lewis

SOLD TO
Parks Building Supply Co.
1001 S. Reilly Rd Reily Rd.
Fayetteville, NC 28314
(910) 483-8194

SHIP TO
Parks Building Supply\James
1351 Line Road
Cameron, NC

JOB NAME: Melissa Miller Job **LOT #** **SUBDIV:**
MODEL: Homepatterns **TAG:** The Adkison RF2, Wrap **JOB CATEGORY:** Residential - Roof

DELIVERY INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

PLAN SEAL DATE:

BUILDING DEPARTMENT
Roof Order

OVERHANG INFO		**HEEL HEIGHT**	00-06-12	**REQ. LAYOUTS**	**REQ. ENGINEERING**		**BY**	**DATE**
END CUT	**RETURN**			**NONE**	**NONE**	**QUOTE**	BL	07/08/20
PLUMB		**GABLE STUDS**	24 IN. OC			**LAYOUT**	BL	07/08/20
						CUTTING	BL	07/08/20

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 PLY	PITCH TOP	PITCH BOT	TYPE ID	BASE O/A	LUMBER TOP	LUMBER BOT	OVERHANG LEFT	OVERHANG RIGHT	REACTIONS
	10	5.00	0.00	COMMON A1	32-10-00 32-10-00	2 X 6	2 X 6			Joint 1 1301.7 lbs. -100.8 lbs. Joint 7 1301.7 lbs. -100.8 lbs.
	1	5.00	0.00	COMMON A1-GE	32-10-00 32-10-00	2 X 6	2 X 6			Joint 20 329.9 lbs. -103.9 lbs. Joint 21 72.9 lbs. -99.5 lbs. Joint 22 184.0 lbs. -58.2 lbs. Joint 23 155.8 lbs. -67.9 lbs. Joint 24 160.9 lbs. -65.4 lbs.
	4	5.00	0.00	COMMON B1	26-00-00 26-00-00	2 X 6	2 X 6			Joint 1 1028.3 lbs. -311.2 lbs. Joint 2 570.0 lbs. -111.5 lbs. Joint 5 1028.3 lbs. -311.2 lbs. Joint 8 252.3 lbs. 32.4 lbs.
	1	5.00	0.00	COMMON B1-GE	26-00-00 26-00-00	2 X 6	2 X 6			Joint 14 381.3 lbs. -81.0 lbs. Joint 15 69.9 lbs. -72.3 lbs. Joint 16 190.7 lbs. -63.5 lbs. Joint 17 150.5 lbs. -71.8 lbs. Joint 19 180.1 lbs. -57.6 lbs.
	9	7.00	0.00	COMMON C1	28-10-00 28-10-00	2 X 6	2 X 6			Joint 1 1213.7 lbs. -80.8 lbs. Joint 7 1213.7 lbs. -80.8 lbs.
	1	7.00	0.00	COMMON C1-GE	28-10-00 28-10-00	2 X 6	2 X 6			Joint 18 319.4 lbs. -102.5 lbs. Joint 19 221.6 lbs. -168.7 lbs. Joint 20 180.1 lbs. -62.2 lbs. Joint 21 176.9 lbs. -86.5 lbs. Joint 22 173.7 lbs. -94.5 lbs.
	8	7.00	0.00	COMMON C2	28-10-00 27-05-00	2 X 6	2 X 6			Joint 1 1163.0 lbs. -79.6 lbs. Joint 7 1164.4 lbs. -71.7 lbs.
	7	7.00	0.00	COMMON C3	26-00-00 26-00-00	2 X 6	2 X 6			Joint 1 1111.1 lbs. -70.7 lbs. Joint 7 1109.4 lbs. -70.7 lbs.
	1	7.00	0.00	COMMON C3-GE	26-00-00 26-00-00	2 X 6	2 X 6			Joint 1 441.7 lbs. -127.0 lbs. Joint 7 526.0 lbs. -79.9 lbs. Joint 10 255.6 lbs. -9.3 lbs. Joint 12 1110.8 lbs. -254.2 lbs. Joint 13 467.4 lbs. -136.7 lbs.
	3	7.00	0.00	COMMON D1	13-01-00 13-01-00	2 X 6	2 X 6			Joint 1 517.5 lbs. -38.7 lbs. Joint 4 517.5 lbs. -30.8 lbs.

Reaction Summary of Order

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS

REQ. QUOTE DATE	/ /	**ORDER #**	J0420-1824
ORDER DATE	07/08/20	**QUOTE #**	B0420-1824
DELIVERY DATE	/ /	**CUSTOMER ACCT #**	006371
DATE OF INVOICE	/ /	**CUSTOMER PO #**	
ORDERED BY	MIKE RAYNOR	**INVOICE #**	
COUNTY	Moore	**TERMS**	5% 10 Net 30
SUPERINTENDANT	MIKE RAYNOR	**SALES REP**	Bob Lewis
JOBSITE PHONE #	(910) 728-2229	**SALES AREA**	Bob Lewis

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(910) 483-8194

SHIP TO
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1351 Line Road
Cameron, NC

JOB NAME: Melissa Miller Job **LOT #** **SUBDIV:**
MODEL: Homepatterns **TAG:** The Adkison RF2, Wrap **JOB CATEGORY:** Residential - Roof

DELIVERY INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

PLAN SEAL DATE:

BUILDING DEPARTMENT
Roof Order

OVERHANG INFO		**HEEL HEIGHT**	00-06-12	**REQ. LAYOUTS**	**REQ. ENGINEERING**		**BY**	**DATE**
END CUT	**RETURN**			**NONE**	**NONE**	**QUOTE**	BL	07/08/20
PLUMB		**GABLE STUDS**	24 IN. OC			**LAYOUT**	BL	07/08/20
						CUTTING	BL	07/08/20

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 ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
	PLY	TOP	BOT			TOP	BOT	LEFT	RIGHT					
	1	7.00	0.00	COMMON D1-GE	13-01-00 13-01-00	2 X 6	2 X 6			Joint 8 54.5 lbs. -147.9 lbs.	Joint 9 302.0 lbs. -136.8 lbs.	Joint 10 167.7 lbs. -70.0 lbs.	Joint 11 303.6 lbs. 50.5 lbs.	Joint 12 94.3 lbs. -71.9 lbs.
	7	5.00	0.00	MONOPITCH E1	11-02-00 11-02-00	2 X 6	2 X 6			Joint 1 429.9 lbs. -105.5 lbs.	Joint 6 441.0 lbs. -154.6 lbs.			
	1	5.00	0.00	MONOPITCH E2-GE	04-08-00 04-08-00	2 X 6	2 X 6			Joint 1 131.4 lbs. -37.5 lbs.	Joint 3 190.7 lbs. -249.2 lbs.	Joint 4 419.4 lbs. -307.3 lbs.	Joint 5 109.3 lbs. -7.0 lbs.	
	1	5.00	0.00	VALLEY V1	28-06-12 28-06-12	2 X 4	2 X 4			Joint 1 188.8 lbs. -4.5 lbs.	Joint 7 188.8 lbs. -8.4 lbs.	Joint 8 459.8 lbs. -89.2 lbs.	Joint 9 338.5 lbs. -62.1 lbs.	Joint 11 471.9 lbs. 52.5 lbs.
	1	5.00	0.00	VALLEY V2	22-11-09 22-11-09	2 X 4	2 X 4			Joint 1 84.9 lbs. -3.1 lbs.	Joint 7 84.9 lbs. 5.6 lbs.	Joint 8 295.4 lbs. -56.7 lbs.	Joint 10 346.0 lbs. -72.5 lbs.	Joint 11 279.0 lbs. 38.9 lbs.
	1	5.00	0.00	VALLEY V3	17-04-06 17-04-06	2 X 4	2 X 4			Joint 1 129.2 lbs. -3.6 lbs.	Joint 5 129.2 lbs. -8.1 lbs.	Joint 6 379.6 lbs. -78.7 lbs.	Joint 8 263.8 lbs. 24.6 lbs.	Joint 9 379.6 lbs. -78.7 lbs.
	1	5.00	0.00	VALLEY V4	11-09-03 11-09-03	2 X 4	2 X 4			Joint 1 186.0 lbs. -27.7 lbs.	Joint 3 186.0 lbs. -32.3 lbs.	Joint 4 460.5 lbs. -8.6 lbs.		
	1	5.00	0.00	VALLEY V5	06-02-00 06-02-00	2 X 4	2 X 4			Joint 1 93.0 lbs. -16.4 lbs.	Joint 3 93.0 lbs. -18.5 lbs.	Joint 4 190.4 lbs. 3.5 lbs.		
	1	5.00	0.00	VALLEY V6	10-05-13 10-05-13	2 X 4	2 X 4			Joint 1 120.4 lbs. 16.9 lbs.	Joint 5 53.2 lbs. -17.5 lbs.	Joint 6 227.0 lbs. -11.7 lbs.	Joint 7 379.2 lbs. -77.4 lbs.	
	1	5.00	0.00	VALLEY V7	07-08-03 07-08-03	2 X 4	2 X 4			Joint 1 194.8 lbs. -22.5 lbs.	Joint 4 37.3 lbs. -31.4 lbs.	Joint 5 312.5 lbs. -4.6 lbs.		

Reaction Summary of Order

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS

REQ. QUOTE DATE	/ /	**ORDER #**	J0420-1824
ORDER DATE	07/08/20	**QUOTE #**	B0420-1824
DELIVERY DATE	/ /	**CUSTOMER ACCT #**	006371
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ORDERED BY	MIKE RAYNOR	**INVOICE #**	
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SUPERINTENDANT	MIKE RAYNOR	**SALES REP**	Bob Lewis
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DELIVERY INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

PLAN SEAL DATE:

BUILDING DEPARTMENT
Roof Order

OVERHANG INFO		**HEEL HEIGHT**	00-06-12	**REQ. LAYOUTS**	**REQ. ENGINEERING**		**BY**	**DATE**
END CUT	**RETURN**			**NONE**	**NONE**	**QUOTE**	BL	07/08/20
PLUMB		**GABLE STUDS**	24 IN. OC			**LAYOUT**	BL	07/08/20
						CUTTING	BL	07/08/20

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 PLY	PITCH TOP	PITCH BOT	TYPE ID	BASE O/A	LUMBER TOP	LUMBER BOT	OVERHANG LEFT	OVERHANG RIGHT	REACTIONS
	1	5.00	0.00	VALLEY V8	04-10-09 04-10-09	2 X 4	2 X 4			Joint 1 93.0 lbs. -15.7 lbs. Joint 3 73.6 lbs. -16.6 lbs. Joint 4 165.7 lbs. 3.7 lbs.

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
2	Parks - Comtech	DSGN-LVL, 1-3/4" x 14"	22-00-00		Front GDH
7	Hangers, USP	HUS 26			SIMPSON (HUS26)

Job	Truss	Truss Type	Qty	Ply	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	A1	Common	10	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:30 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-UscNBF9Sjv8peRBzjIak0KrNzwbzN536JFIWW9z_6EV

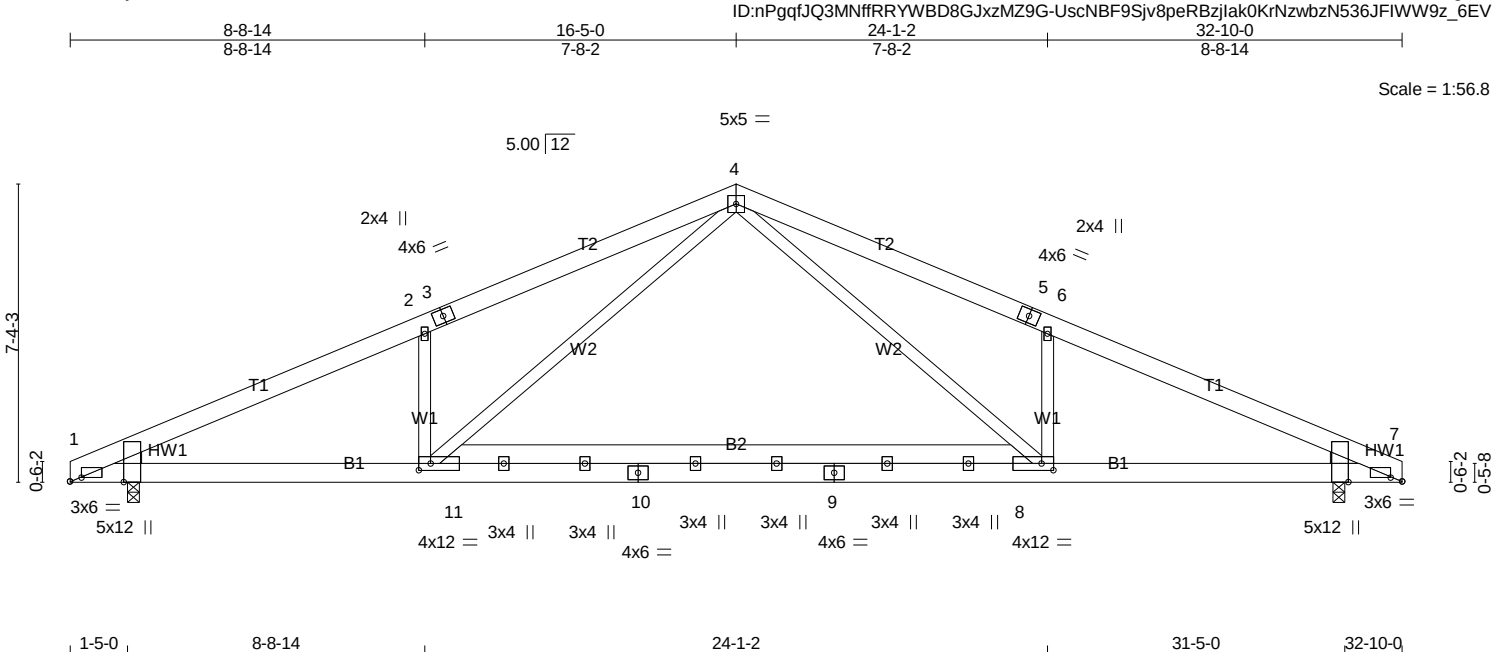

Plate Offsets (X,Y)-- [1:0-3-6,0-1-3], [1:0-0-3,Edge], [7:0-0-3,Edge], [7:0-3-6,0-1-3], [8:0-3-8,0-2-0], [11:0-3-8,0-2-0]

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	0.72	Vert(LL)	-0.20	8-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.64	Vert(CT)	-0.36	8-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.08	8-11	>999	240	Weight: 236 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2 , Right: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-9), 7=0-3-8 (min. 0-1-9)
Max Horz 1=-86(LC 17)
Max Uplift 1=-101(LC 12), 7=-101(LC 13)
Max Grav 1=1302(LC 1), 7=1302(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-2802/629, 2-12=-2709/652, 2-3=-2724/718, 3-13=-2714/721, 4-13=-2626/753, 4-14=-2626/753, 5-14=-2714/721, 5-6=-2724/718, 6-15=-2709/652, 7-15=-2802/629
BOT CHORD 1-11=-497/2517, 10-11=-260/1571, 9-10=-260/1571, 8-9=-260/1571, 7-8=-498/2517
WEBS 4-8=-247/1223, 6-8=-506/313, 4-11=-247/1223, 2-11=-506/313

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-6, Interior(1) 4-11-6 to 16-5-0, Exterior(2) 16-5-0 to 21-2-10, Interior(1) 21-2-10 to 32-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 1 and 101 lb uplift at joint 7.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	A1-GE	Common Supported Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:31 2020 Page 1
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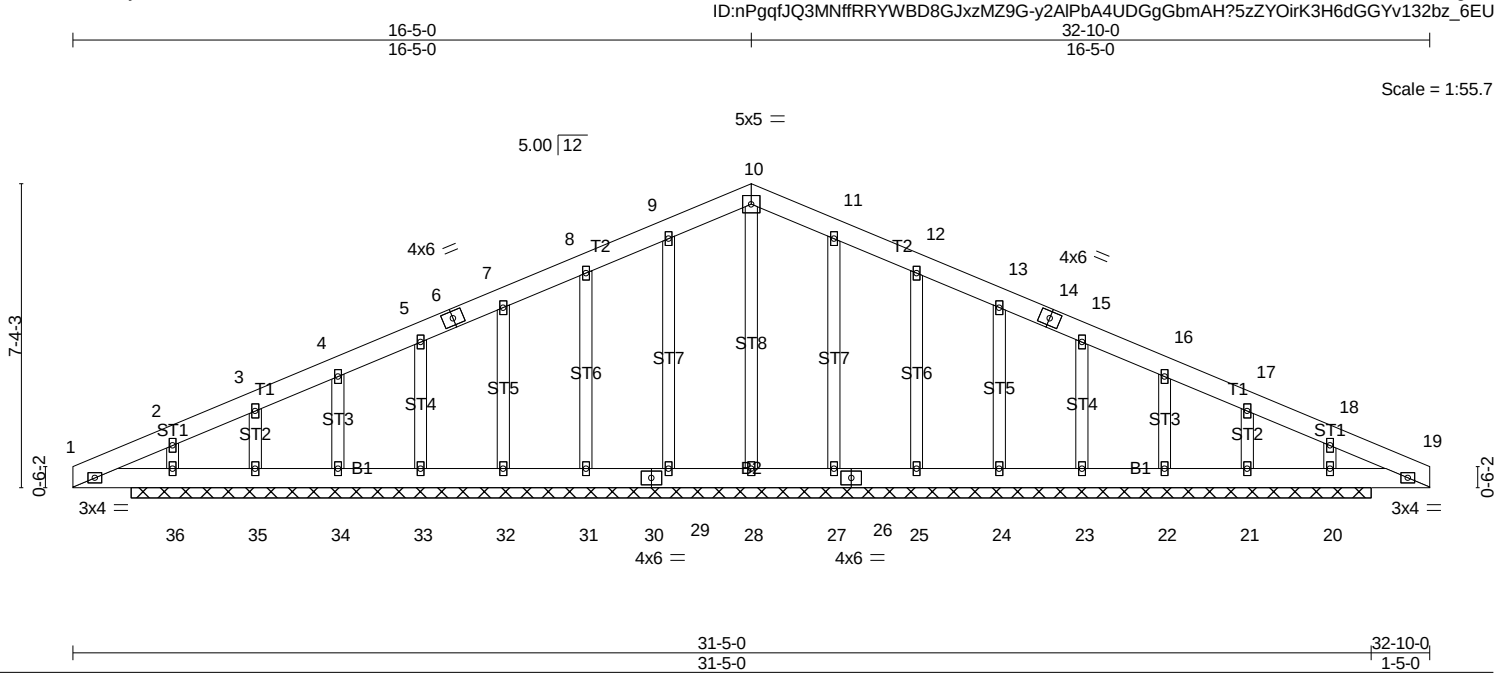


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	20	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 235 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 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 30-0-0.
(lb) - Max Horz 36=144(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 29, 31, 32, 33, 34, 27, 25, 24, 23, 22, 21 except 35=-118(LC 12), 36=-101(LC 8), 20=-104(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 28, 29, 31, 32, 33, 34, 35, 27, 25, 24, 23, 22, 21 except 36=330(LC 23), 20=330(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-36=-206/256, 18-20=-206/256

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 4-9-10, Exterior(2) 4-9-10 to 16-5-0, Corner(3) 16-5-0 to 21-2-10, Exterior(2) 21-2-10 to 32-10-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; 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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 29, 31, 32, 33, 34, 27, 25, 24, 23, 22, 21 except (jt=lb) 35=118, 36=101, 20=104.
9) Non Standard bearing condition. Review required.
10) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	B1	Common	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:32 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-QEk7cwAiEXOXulLMqjdC6lxf7kGtr0oPnZnca2z_6ET

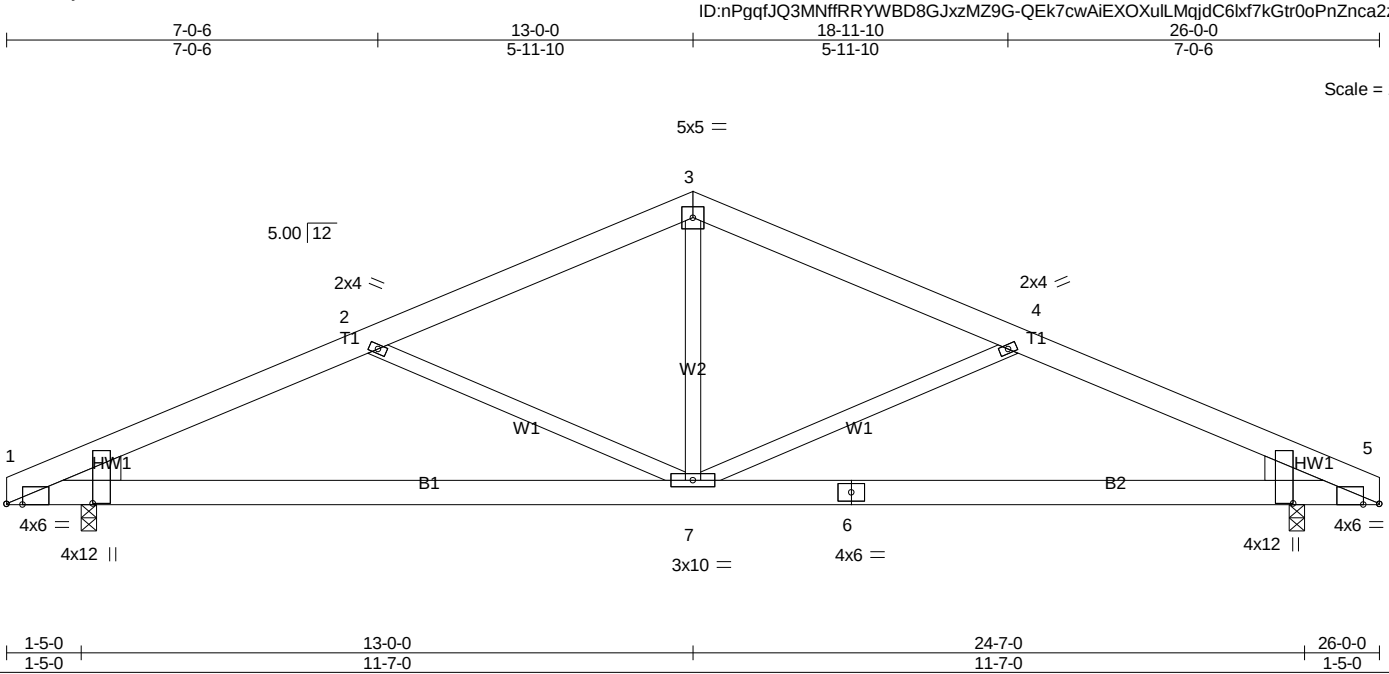


Plate Offsets (X,Y)-- [1:0-3-10,Edge], [1:0-0-1,1-7-10], [5:0-3-10,Edge], [5:0-0-1,1-7-10]

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	1.00	Vert(LL)	-0.14	5-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.61	Vert(CT)	-0.31	5-7	>989	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.31	1-7	>999	240	Weight: 159 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.1 , Right: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-4 oc bracing.

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-8), 5=0-3-8 (min. 0-1-8)
Max Horz 1=-68(LC 13)
Max Uplift1=-311(LC 9), 5=-311(LC 8)
Max Grav 1=1028(LC 1), 5=1028(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-1984/1639, 2-8=-1886/1660, 2-9=-1486/1420, 3-9=-1406/1446, 3-10=-1406/1446, 4-10=-1486/1420, 4-11=-1886/1660, 5-11=-1984/1639
BOT CHORD 1-7=-1457/1779, 6-7=-1458/1779, 5-6=-1458/1779
WEBS 3-7=-914/769, 4-7=-549/365, 2-7=-549/365

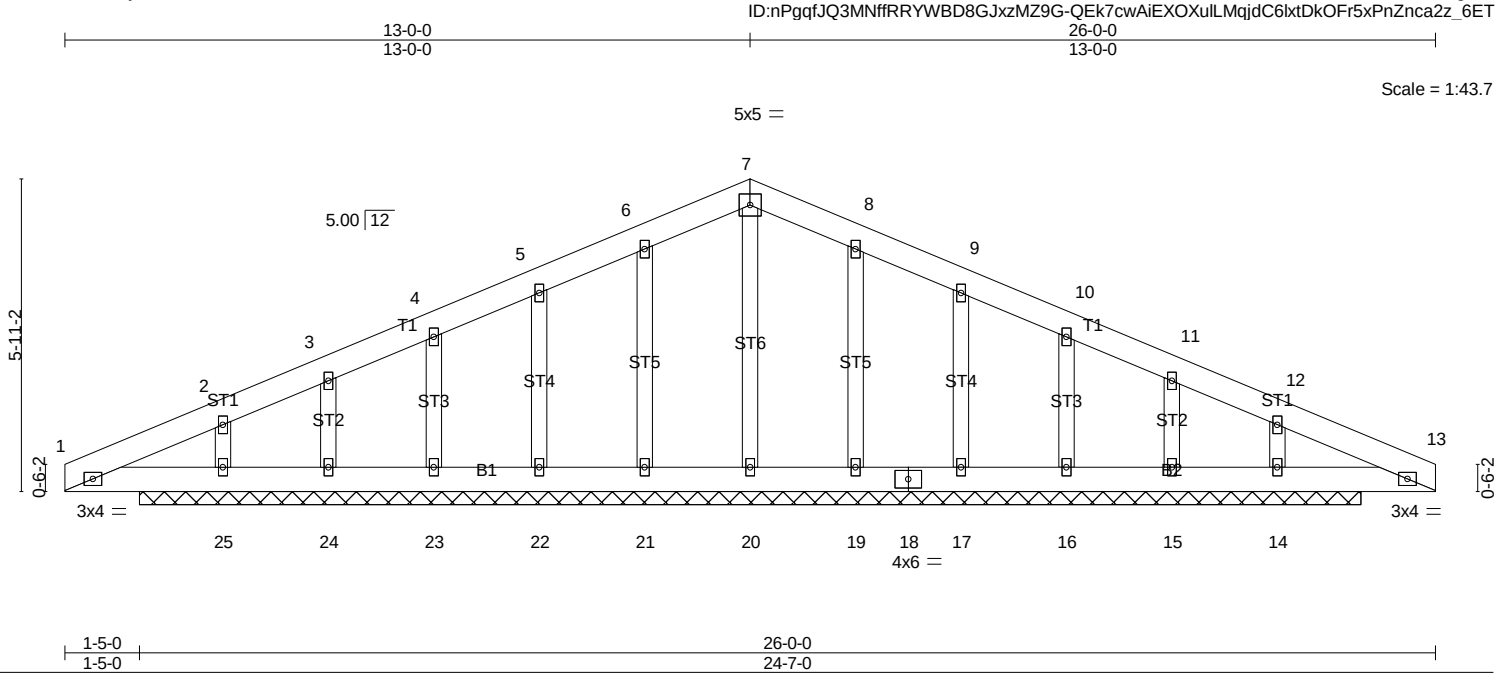
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-6, Interior(1) 4-11-6 to 13-0-0, Exterior(2) 13-0-0 to 17-9-10, Interior(1) 17-9-10 to 25-10-4 zone; cantilever left and right exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=311, 5=311.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	B1-GE	Common Supported Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:32 2020 Page 1

ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-QEk7cwAiEXOXulLMqjdC6lxtDkOFr5xPnZnca2z_6ET



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	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 173 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 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 23-2-0.
(lb) - Max Horz 25=115(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 21, 22, 23, 24, 25, 19, 17, 16, 15, 14
Max Grav All reactions 250 lb or less at joint(s) 21, 22, 23, 24, 19, 17, 16, 15 except 20=264(LC 1), 25=381(LC 23), 14=381(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-25=-239/296, 12-14=-239/296

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 5-0-0, Exterior(2) 5-0-0 to 13-0-0, Corner(3) 13-0-0 to 17-9-10, Exterior(2) 17-9-10 to 26-0-0 zone; cantilever left and right exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; 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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 22, 23, 24, 25, 19, 17, 16, 15, 14.
9) Non Standard bearing condition. Review required.
10) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	C1	Common	9	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:33 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-vRIVpGBK?qWOVvwYOQ8RezTw28dbaSLZ?DWA6Uz_6ES

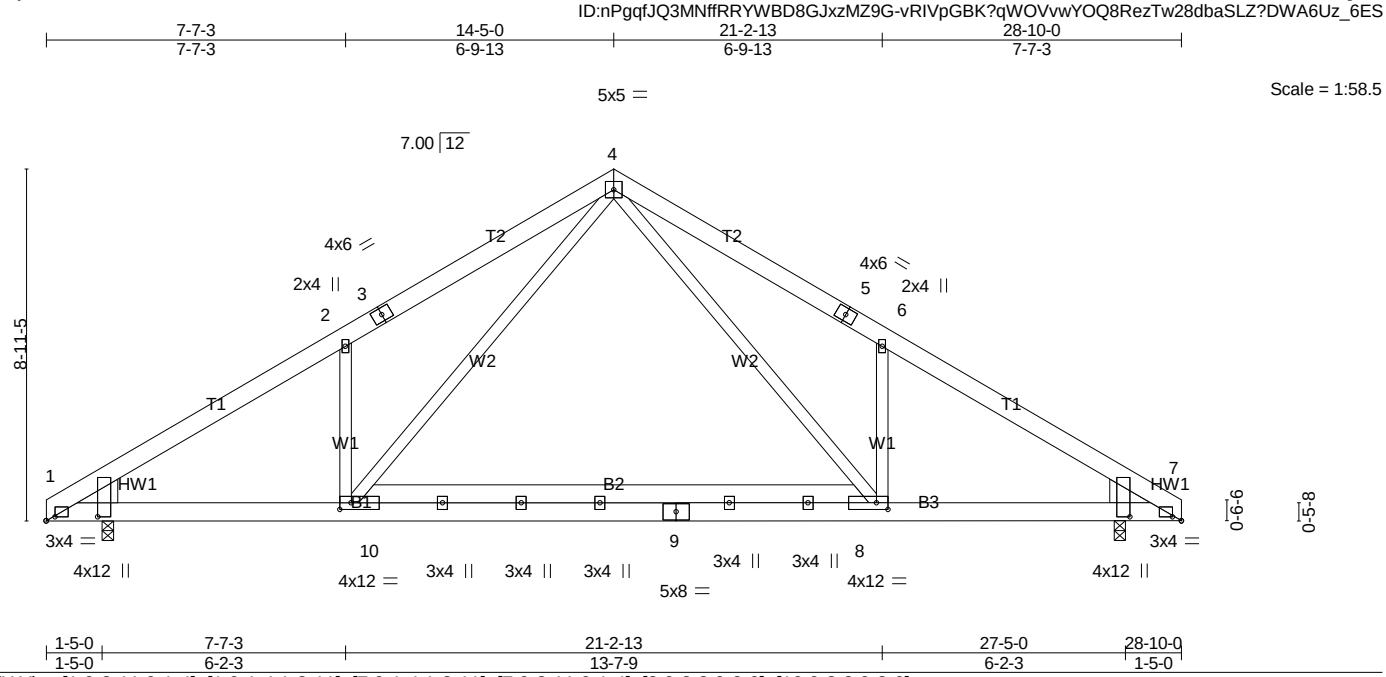


Plate Offsets (X,Y)-- [1:0-2-11,0-1-4], [1:0-1-4,1-3-11], [7:0-1-4,1-3-11], [7:0-2-11,0-1-4], [8:0-3-8,0-2-0], [10:0-3-8,0-2-0]

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	0.60	Vert(LL)	-0.14	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.51	Vert(CT)	-0.23	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.04	10	>999	240	Weight: 226 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x8 SP No.1 , Right: 2x8 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-8), 7=0-3-8 (min. 0-1-8)
Max Horz 1=210(LC 9)
Max Uplift 1=-81(LC 12), 7=-81(LC 13)
Max Grav 1=1214(LC 19), 7=1214(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-2092/384, 2-11=-1968/410, 2-3=-2085/539, 3-12=-2062/540, 4-12=-1989/576, 4-13=-1981/576, 5-13=-2053/540, 5-6=-2077/538, 6-14=-1960/410, 7-14=-2083/384
BOT CHORD 1-10=-242/1861, 10-15=-57/1105, 9-15=-57/1105, 9-16=-57/1105, 8-16=-57/1105, 7-8=-242/1696
WEBS 4-8=-239/1138, 6-8=-515/315, 4-10=-239/1143, 2-10=-515/315

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-5, Interior(1) 4-11-5 to 14-5-0, Exterior(2) 14-5-0 to 19-2-10, Interior(1) 19-2-10 to 28-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	C1-GE	Common Supported Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:34 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-Ndst1cCzm8eF73Vly8fgBA0DAY4hJ_5iEtGjfwz_6ER

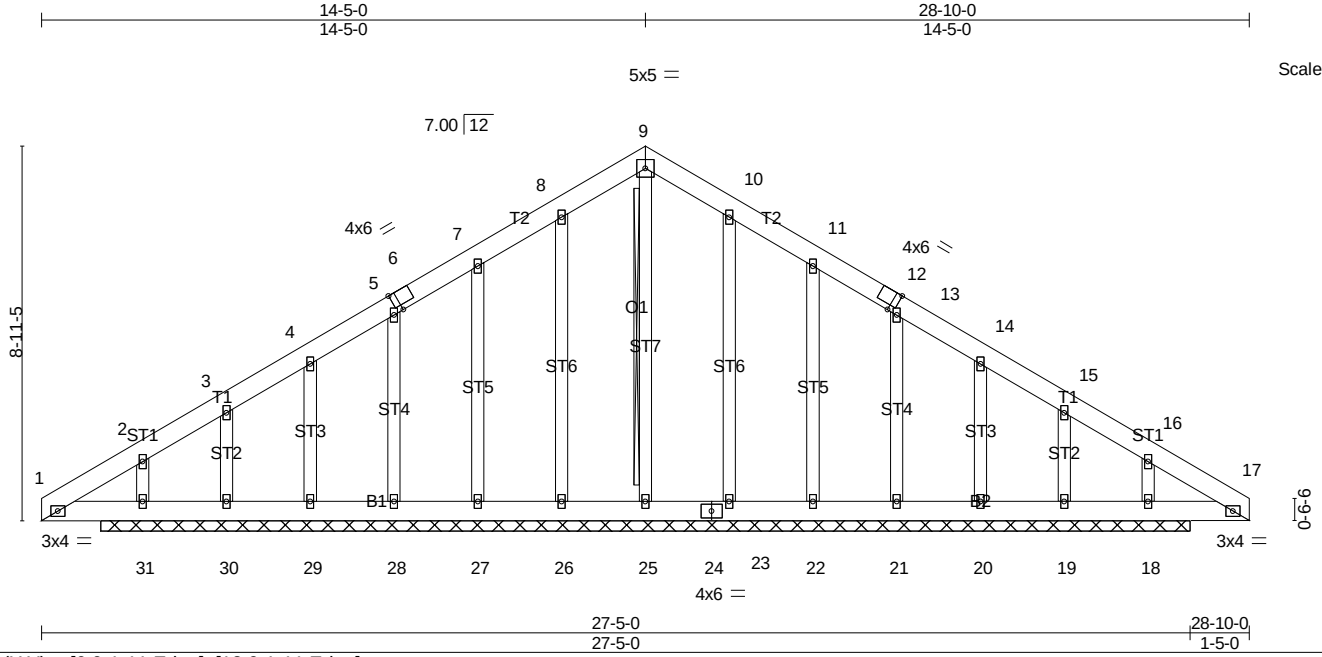


Plate Offsets (X,Y)-- [6:0-1-11,Edge], [12:0-1-11,Edge]

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	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	18	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 229 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 9-25
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
Brace must cover 90% of web length.

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

REACTIONS. All bearings 26-0-0.
(lb) - Max Horz 31=263(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 26, 27, 28, 29, 23, 22, 21, 20 except 30=-186(LC 12), 31=-137(LC 8), 19=-169(LC 13), 18=-102(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 26, 27, 28, 29, 30, 23, 22, 21, 20, 19 except 25=264(LC 22), 31=345(LC 20), 18=319(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-8=-160/252, 8-9=-200/273, 9-10=-200/260

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-0-0 to 4-9-9, Exterior(2) 4-9-9 to 14-5-0, Corner(3) 14-5-0 to 19-2-10, Exterior(2) 19-2-10 to 28-10-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; 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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26, 27, 28, 29, 23, 22, 21, 20 except (jt=lb) 30=186, 31=137, 19=169, 18=102.
9) Non Standard bearing condition. Review required.
10) 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.
11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	C2	Common	8	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:35 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-rpQGEyDbXSm6lC4xWrAvjOZH8xKa2MwsTX?GBMz_6EQ

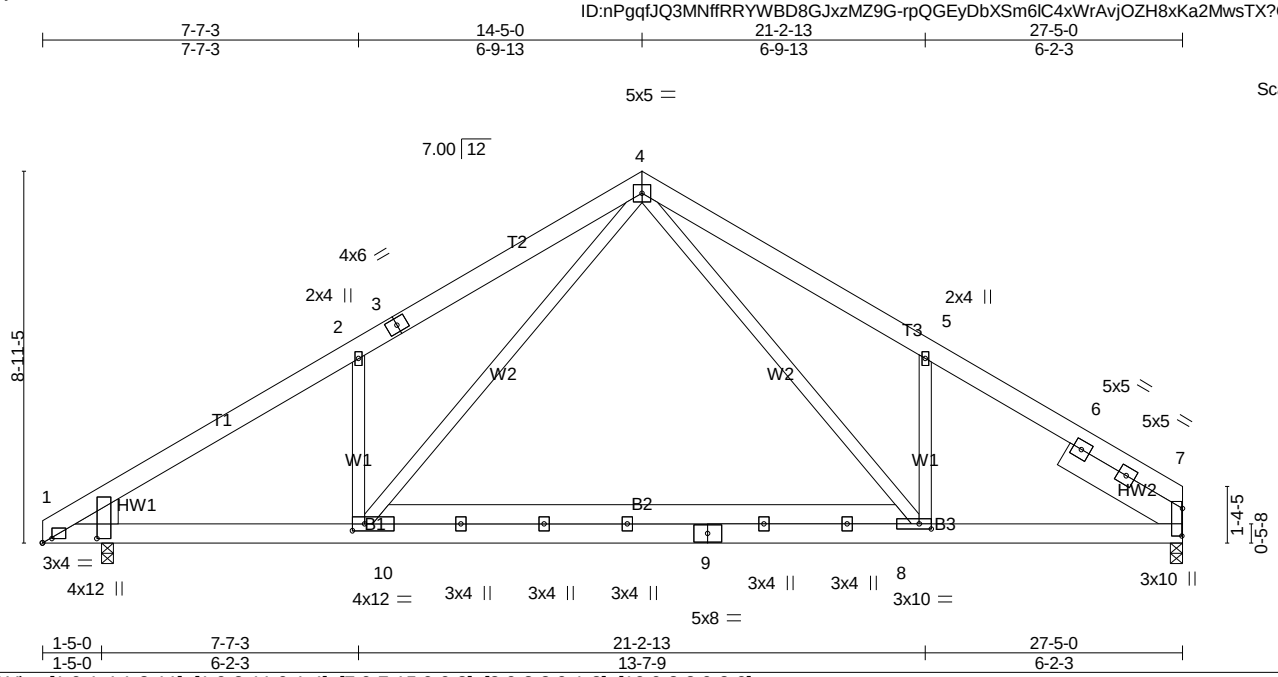


Plate Offsets (X,Y)-- [1:0-1-4,1-3-11], [1:0-2-11,0-1-4], [7:0-7-15,0-0-2], [8:0-3-8,0-1-8], [10:0-3-8,0-2-0]

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	0.56	Vert(LL)	-0.13	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.48	Vert(CT)	-0.22	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.48	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.04	10	>999	240	Weight: 226 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x8 SP No.1
SLIDER Right 2x8 SP No.1 - 3-3-13

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 7=0-3-8 (min. 0-1-8), 1=0-3-8 (min. 0-1-8)
Max Horz 1=-210(LC 8)
Max Uplift7=-72(LC 13), 1=-80(LC 12)
Max Grav 7=1164(LC 20), 1=1163(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-1989/364, 2-11=-1866/390, 2-3=-1981/517, 3-12=-1958/519, 4-12=-1887/554, 4-13=-1618/505, 5-13=-1681/468, 5-14=-1645/363, 6-14=-1701/345, 6-7=-1787/332
BOT CHORD 1-10=-224/1773, 10-15=-41/1018, 9-15=-41/1018, 9-16=-41/1018, 8-16=-41/1018, 7-8=-178/1362
WEBS 4-8=-172/783, 5-8=-302/261, 4-10=-236/1142, 2-10=-510/313

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-5, Interior(1) 4-11-5 to 14-5-0, Exterior(2) 14-5-0 to 19-2-10, Interior(1) 19-2-10 to 27-5-0 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 1.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	C3	Common	7	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:36 2020 Page 1
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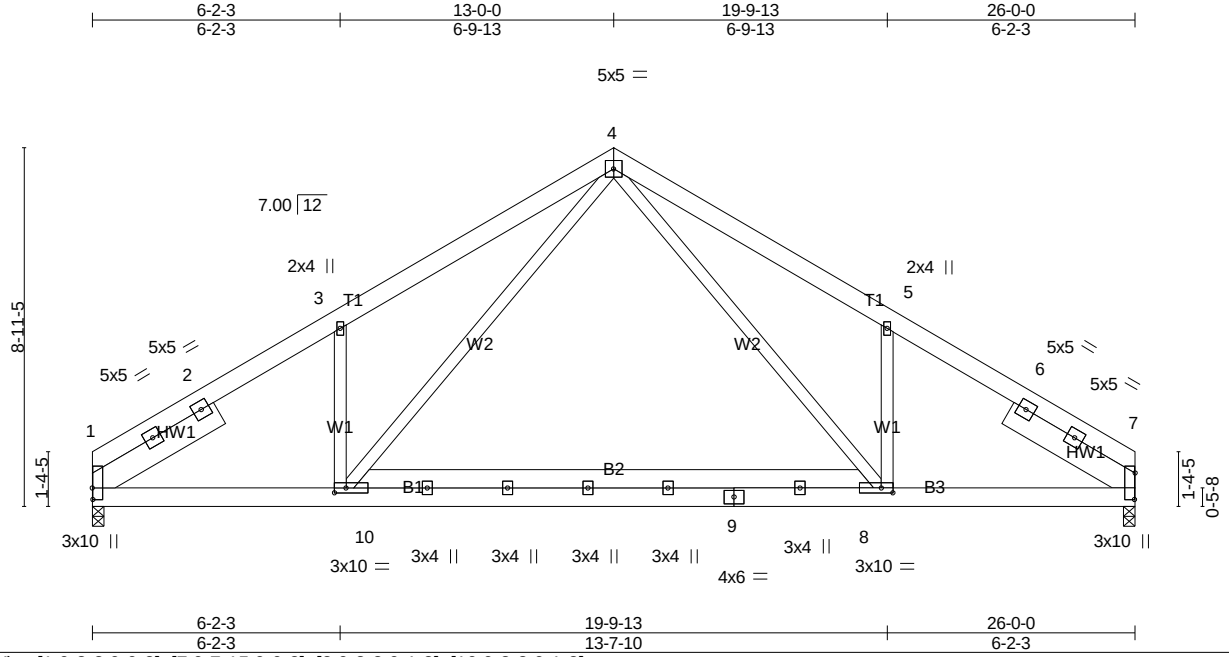

Plate Offsets (X,Y)-- [1:0-3-8,0-0-2], [7:0-7-15,0-0-2], [8:0-3-8,0-1-8], [10:0-3-8,0-1-8]

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	0.30	Vert(LL)	-0.13	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.32	Vert(CT)	-0.20	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.03	8-10	>999	240	Weight: 228 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
SLIDER Left 2x8 SP No.1 -œ 3-8-3, Right 2x8 SP No.1 -œ 3-8-3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-8), 7=0-3-8 (min. 0-1-8)
Max Horz 1=-210(LC 8)
Max Uplift 1=-71(LC 12), 7=-71(LC 13)
Max Grav 1=1111(LC 19), 7=1109(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1710/313, 2-11=-1616/326, 3-11=-1568/345, 3-12=-1623/450, 4-12=-1544/488, 4-13=-1532/487, 5-13=-1612/450, 5-14=-1556/344, 6-14=-1604/326, 6-7=-1699/313
BOT CHORD 1-10=-165/1452, 10-15=-29/930, 9-15=-29/930, 8-9=-29/930, 7-8=-164/1284
WEBS 4-8=-171/796, 5-8=-306/261, 4-10=-171/805, 3-10=-306/261

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-0 to 4-9-10, Interior(1) 4-9-10 to 13-0-0, Exterior(2) 13-0-0 to 17-9-10, Interior(1) 17-9-10 to 26-0-0 zone;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	C3-GE	Common Girder	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:38 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-FO5Ot_FTqN8hcgpWBzkcL0BsA9QhFiWI9VExohz_6EN

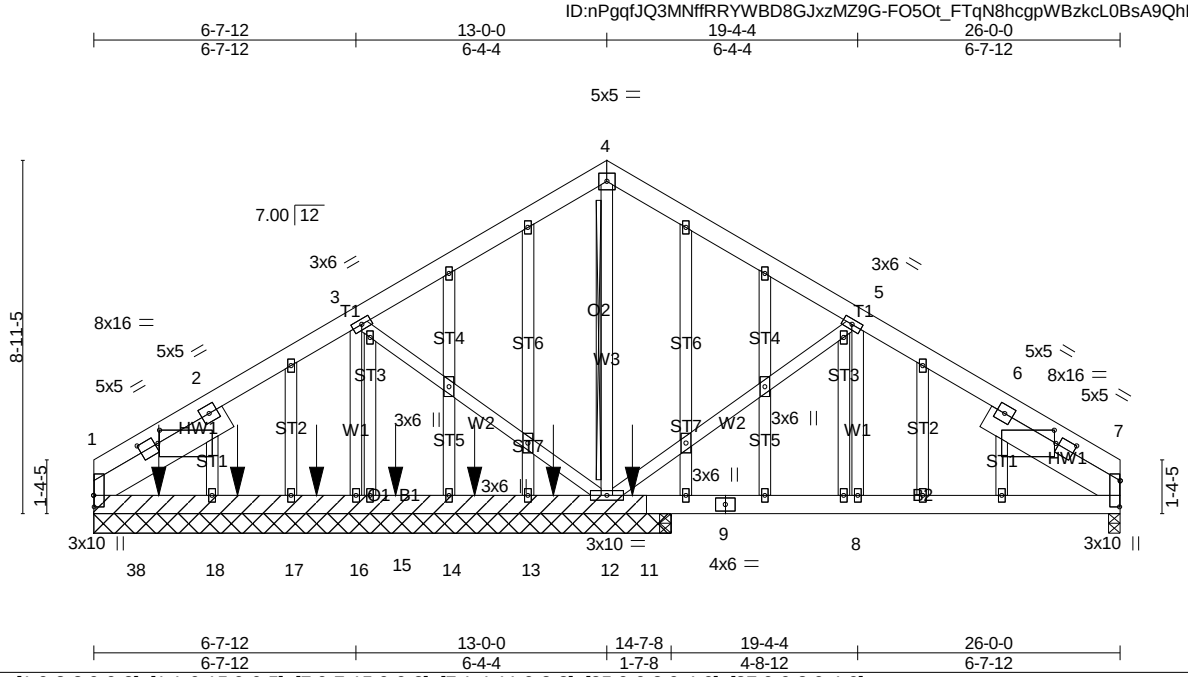

Plate Offsets (X,Y)-- [1:0-3-8,0-0-2], [1:1-6-15,0-6-5], [7:0-7-15,0-0-2], [7:1-4-11,0-2-8], [25:0-0-8,0-4-0], [37:0-0-8,0-4-0]

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	0.19	Vert(LL)	-0.01	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.03	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.01	7-8	>999	240	Weight: 299 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.1
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.2
LBR SCAB	1-11 2x6 SP No.1 one side
SLIDER	Left 2x8 SP No.1 -œ 3-11-6, Right 2x8 SP No.1 -œ 3-11-6

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	T-Brace: 2x4 SPF No.2 - 4-12 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.

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

REACTIONS. All bearings 14-7-8 except (jt=length) 7=0-3-8, 10=0-3-8.
(lb) - Max Horz 1=-210(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 7, 10 except 1=-127(LC 9), 12=-254(LC 9), 16=-128(LC 8), 13=-137(LC 9), 14=-146(LC 5), 15=-126(LC 4), 17=-125(LC 6), 18=-245(LC 8)
Max Grav All reactions 250 lb or less at joint(s) except 1=442(LC 1), 7=526(LC 1), 12=1111(LC 1), 16=356(LC 19), 13=467(LC 1), 14=465(LC 19), 15=377(LC 20), 17=349(LC 20), 18=730(LC 1), 10=256(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-316/116, 5-6=-415/132, 6-7=-593/103
BOT CHORD 1-38=-138/268, 38-39=-138/268, 18-39=-138/268, 18-40=-138/268, 17-40=-138/268, 17-41=-138/268, 16-41=-138/268, 15-16=-138/268, 15-42=-138/268, 14-42=-138/268, 14-43=-138/268, 13-43=-138/268, 13-44=-138/268, 12-44=-138/268, 12-45=-7/418, 11-45=-7/418, 10-11=-7/418, 9-10=-7/418, 8-9=-7/418, 7-8=-7/418
WEBS 4-12=-299/0, 5-12=-525/162

NOTES-
1) Attached 14-0-0 scab 1 to 11, back face(s) 2x6 SP No.1 with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c..
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
4) 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.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 30.0psf 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 10 except (jt=lb) 1=127, 12=254, 16=128, 13=137, 14=146, 15=126, 17=125, 18=245.

Continued on page 2

NOTES-

10) 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.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 421 lb down and 175 lb up at 1-7-12, 421 lb down and 175 lb up at 3-7-12, 421 lb down and 175 lb up at 5-7-12, 421 lb down and 175 lb up at 7-7-12, 421 lb down and 175 lb up at 9-7-12, and 421 lb down and 175 lb up at 11-7-12, and 421 lb down and 175 lb up at 13-7-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-60, 4-7=-60, 1-7=-20
   Concentrated Loads (lb)
      Vert: 39=-421(F) 40=-421(F) 41=-421(F) 42=-421(F) 43=-421(F) 44=-421(F) 45=-421(F)

Job	Truss	Truss Type	Qty	Ply	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	D1	Common	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:38 2020 Page 1
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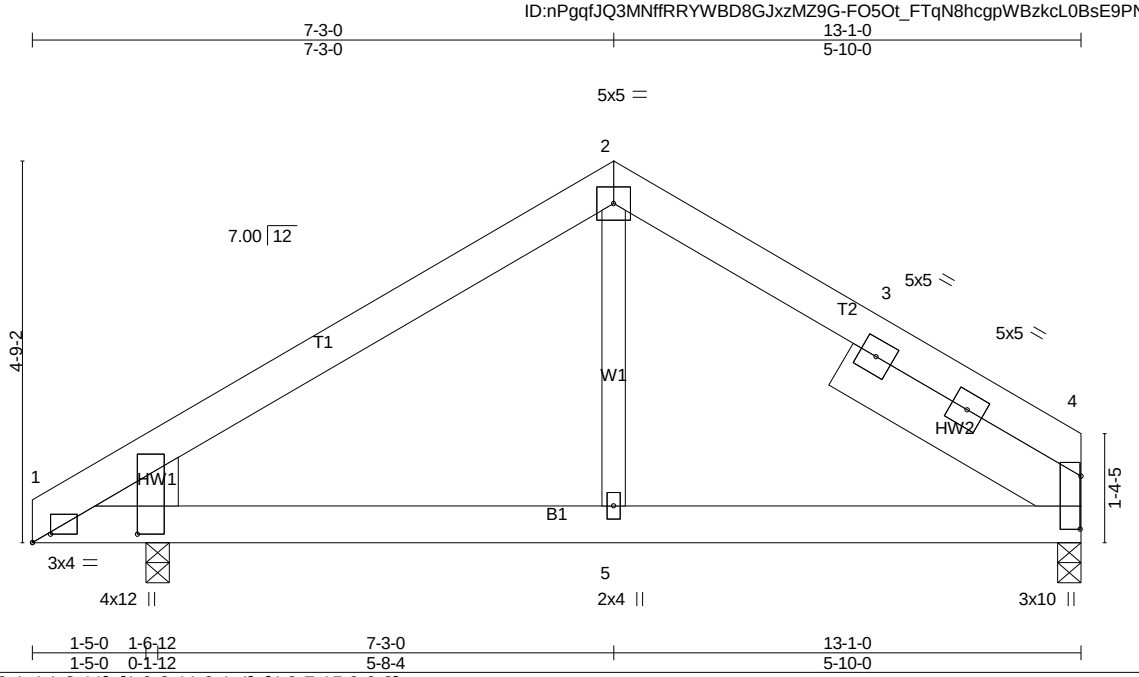


Plate Offsets (X,Y)-- [1:0-1-4,1-3-11], [1:0-2-11,0-1-4], [4:0-7-15,0-0-2]

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	0.25	Vert(LL)	-0.02	1-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.04	1-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.01	1-5	>999	240	Weight: 87 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x8 SP No.1
SLIDER Right 2x8 SP No.1 -œ 3-5-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 4=0-3-8 (min. 0-1-8), 1=0-3-8 (min. 0-1-8)
Max Horz 1=-106(LC 8)
Max Uplift4=-31(LC 13), 1=-39(LC 12)
Max Grav 4=518(LC 1), 1=518(LC 1)

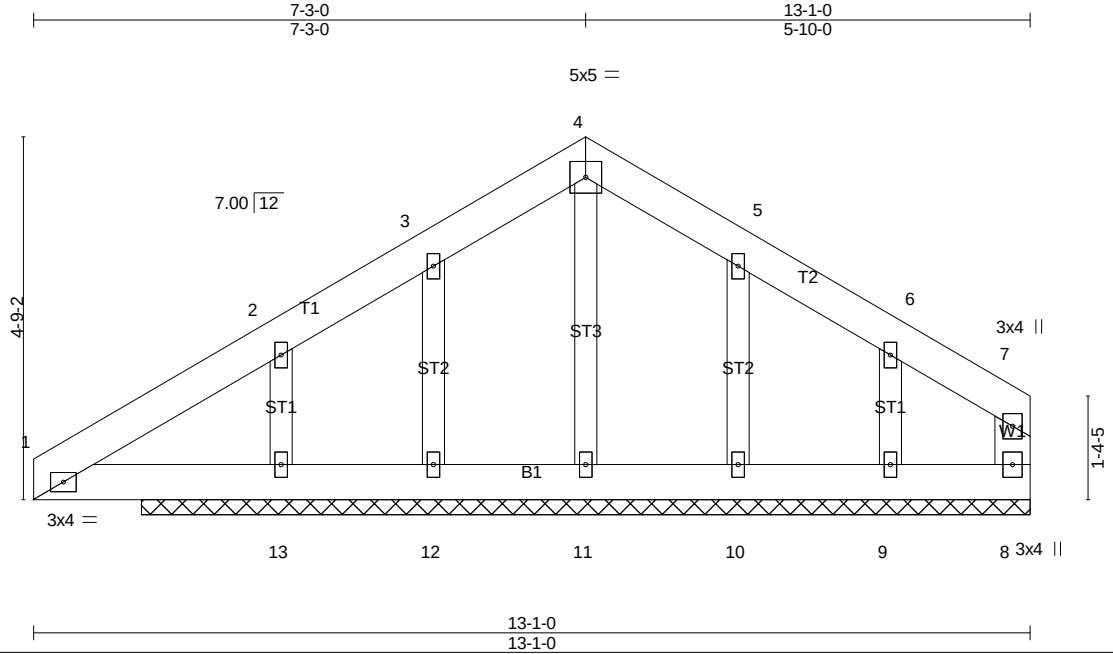
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-624/144, 6-7=-523/150, 2-7=-509/173, 2-8=-534/192, 3-8=-553/173, 3-9=-598/165, 4-9=-626/156
BOT CHORD 1-5=-31/444, 4-5=-31/444
WEBS 2-5=0/306

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-5, Interior(1) 4-11-5 to 7-3-0, Exterior(2) 7-3-0 to 12-0-10, Interior(1) 12-0-10 to 13-1-0 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; 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 30.0psf 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 1.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	D1-GE	Common Supported Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:40 2020 Page 1
ID:nPgqfJQ3MNffRRYWBD8GJxzMZ9G-BnD9HfHjM_OOr_yuIOm4QRGEFy8IjjUbcpj1saz_6EL



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	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 87 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
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 11-8-0.
(lb) - Max Horz 13=129(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 12, 10 except 8=-148(LC 20), 13=-127(LC 12), 9=-137(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 8, 12, 10 except 11=304(LC 1), 13=363(LC 1), 9=302(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-13=-264/169

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-0-0 to 4-9-9, Exterior(2) 4-9-9 to 7-3-0, Corner(3) 7-3-0 to 12-0-10, Exterior(2) 12-0-10 to 12-10-4 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; 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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 10 except (jt=lb) 8=148, 13=127, 9=137.
9) Non Standard bearing condition. Review required.
10) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	E1	Monopitch	7	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:40 2020 Page 1
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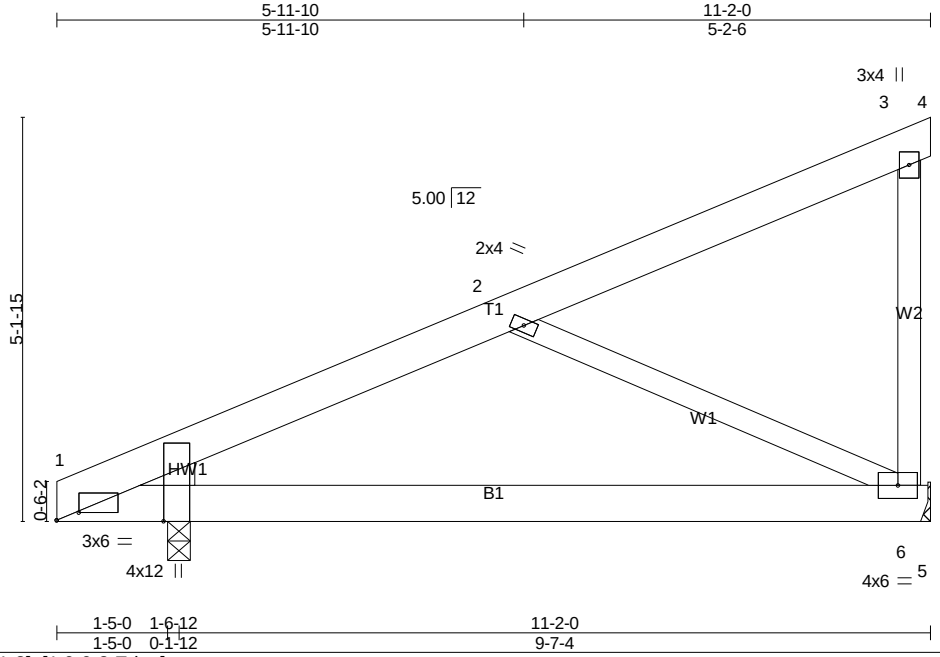

Plate Offsets (X,Y)-- [1:0-3-6,0-1-3], [1:0-0-3,Edge]

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	0.66	Vert(LL)	-0.12	1-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.25	1-6	>520	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.28	1-6	>456	240	Weight: 70 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-8 oc bracing.

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

REACTIONS. (size) 6=Mechanical, 1=0-3-8 (min. 0-1-8)
Max Horz 1=158(LC 12)
Max Uplift6=-155(LC 9), 1=-105(LC 9)
Max Grav 6=441(LC 1), 1=430(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-7=-546/265, 2-7=-440/285
BOT CHORD 1-6=-429/470
WEBS 2-6=-495/425

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-11-6, Interior(1) 4-11-6 to 11-2-0 zone; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=155, 1=105.
6) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	E2-GE	Monopitch Supported Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:41 2020 Page 1
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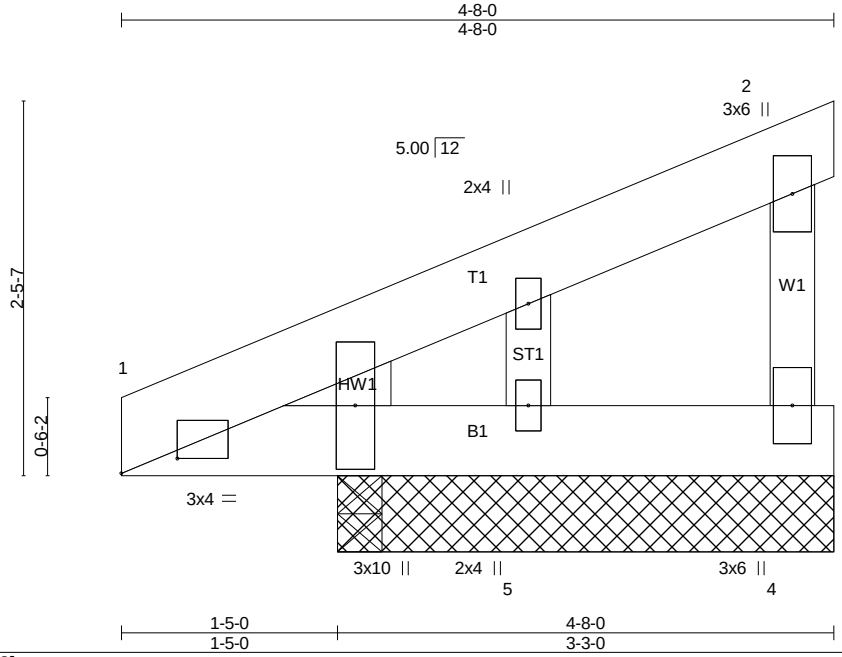

Plate Offsets (X,Y)-- [1:0-4-6,0-1-3]

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	0.08	Vert(LL)	0.00	1	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	1	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 27 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 3-3-0.
(lb) - Max Horz 1=96(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 3=-249(LC 1), 4=-307(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 3, 1, 1, 5 except 4=419(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-409/513

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) Gable studs spaced at 2-0-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 3=249, 4=307.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V1	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:42 2020 Page 1
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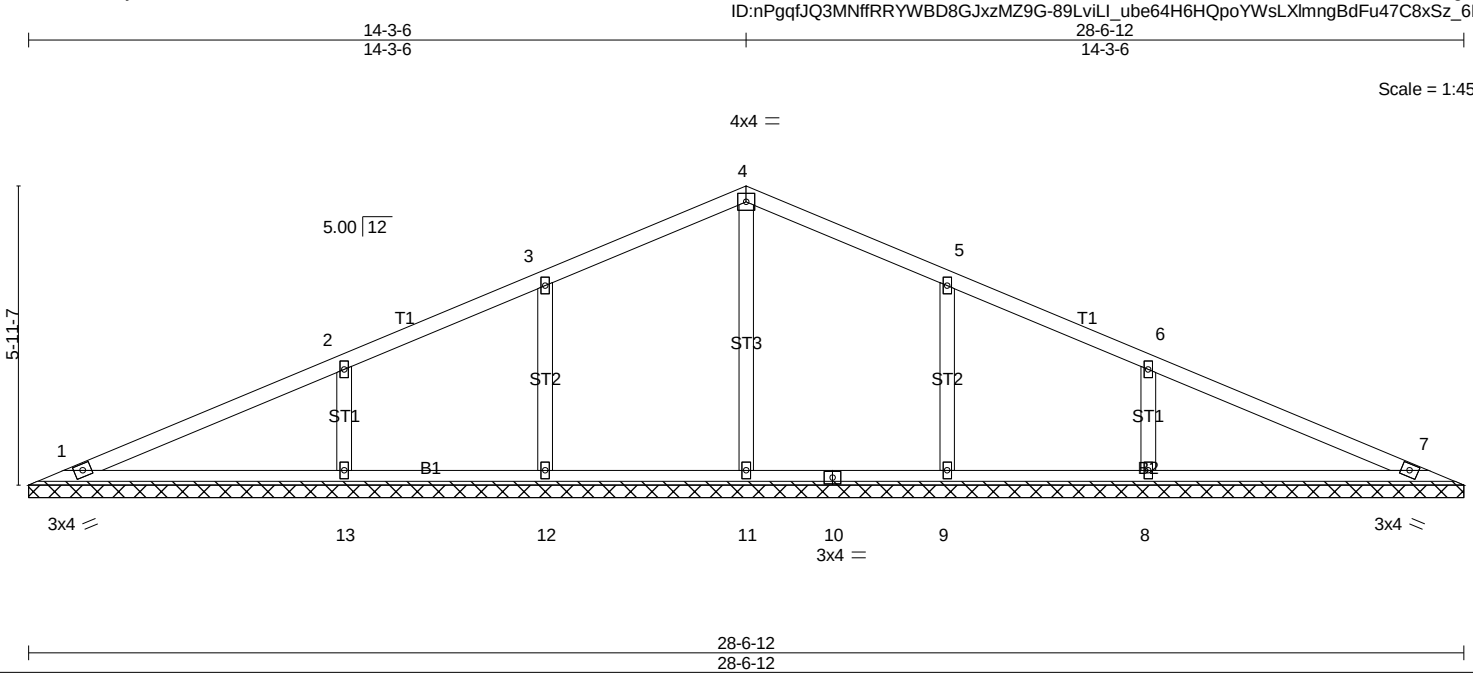

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 111 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 28-6-12.
(lb) - Max Horz 1=70(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 12, 13, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=472(LC 2), 12=338(LC 25), 13=460(LC 1), 9=338(LC 26), 8=460(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-13=-333/230, 6-8=-333/230

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 14-3-6, Exterior(2) 14-3-6 to 19-1-0, Interior(1) 19-1-0 to 27-10-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
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 30.0psf 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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 12, 13, 9, 8.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V2	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:42 2020 Page 1
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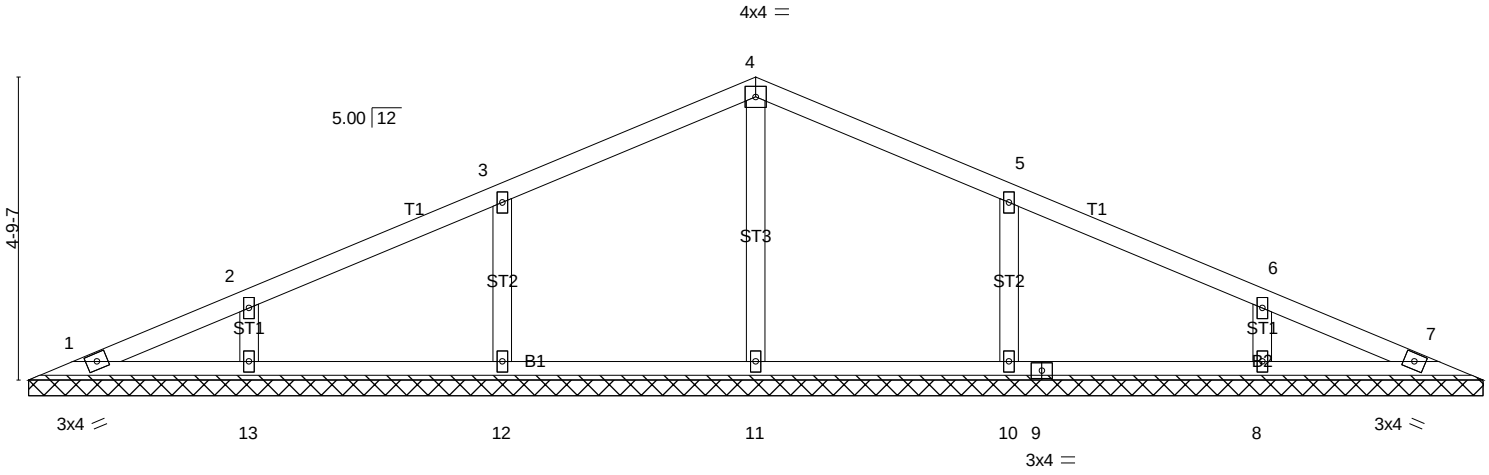

22-11-9 / 22-11-9

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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 85 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 22-11-9.
(lb) - Max Horz 1=56(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 12, 13, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=279(LC 1), 12=346(LC 23), 13=295(LC 1), 10=346(LC 24), 8=295(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-265/200, 5-10=-265/200

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 11-5-13, Exterior(2) 11-5-13 to 16-3-6, Interior(1) 16-3-6 to 22-2-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
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 30.0psf 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) 1, 12, 13, 10, 8.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V3	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

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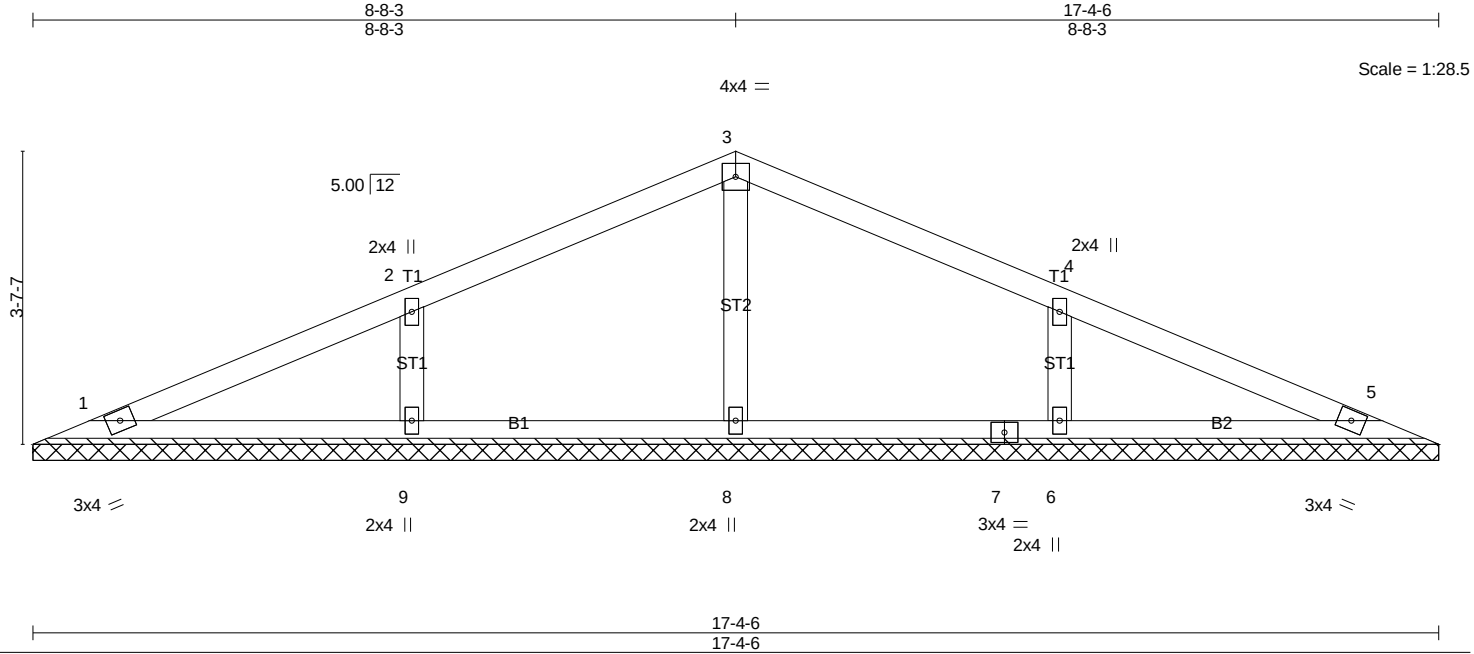

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 60 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 17-4-6.
(lb) - Max Horz 1=41(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 9, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 8=264(LC 1), 9=380(LC 23), 6=380(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-283/207, 4-6=-283/207

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 8-8-3, Exterior(2) 8-8-3 to 13-5-13, Interior(1) 13-5-13 to 16-7-10 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 9, 6.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V4	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:44 2020 Page 1
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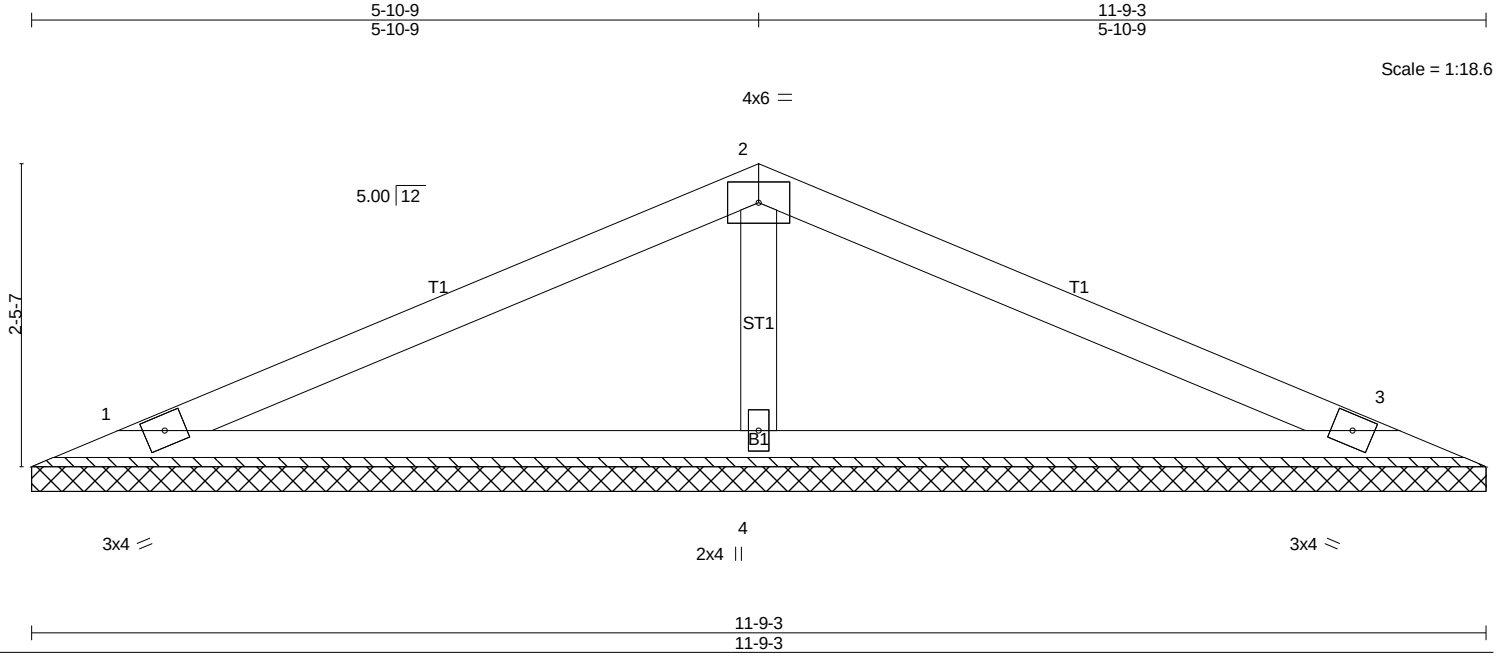

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 37 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=11-9-3 (min. 0-1-8), 3=11-9-3 (min. 0-1-8), 4=11-9-3 (min. 0-1-8)
Max Horz 1=-27(LC 13)
Max Uplift1=-28(LC 12), 3=-32(LC 13), 4=-9(LC 12)
Max Grav 1=186(LC 23), 3=186(LC 24), 4=461(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-310/218

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 5-10-9, Exterior(2) 5-10-9 to 10-8-3, Interior(1) 10-8-3 to 11-0-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V5	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

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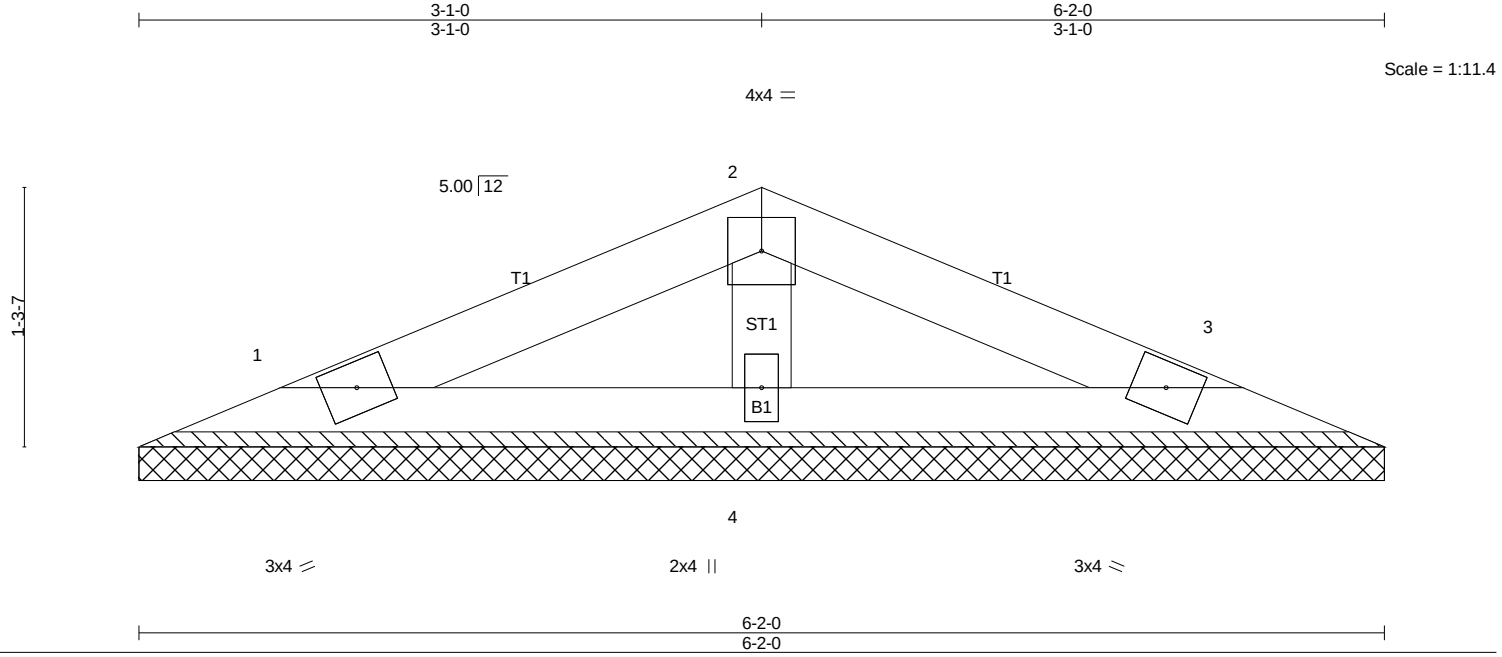

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 18 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=6-2-0 (min. 0-1-8), 3=6-2-0 (min. 0-1-8), 4=6-2-0 (min. 0-1-8)
Max Horz 1=12(LC 16)
Max Uplift1=-16(LC 12), 3=-18(LC 13)
Max Grav 1=93(LC 1), 3=93(LC 1), 4=190(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V6	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:45 2020 Page 1
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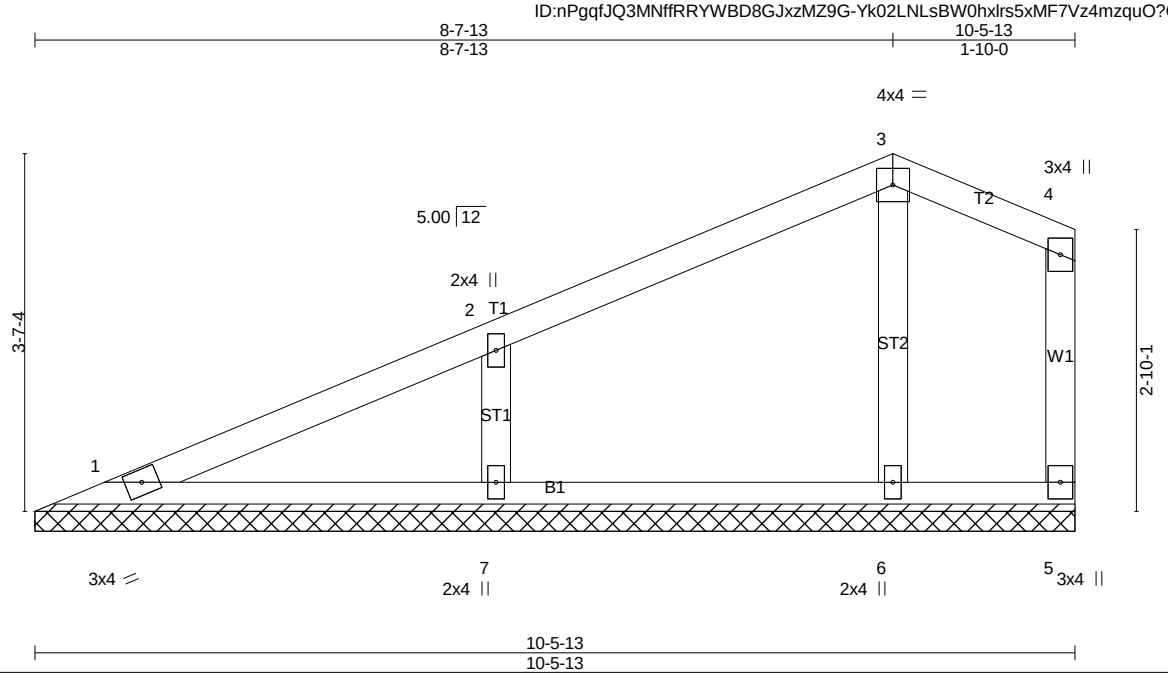

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 42 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
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 10-5-13.
(lb) - Max Horz 1=97(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 5, 6, 7
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 6 except 7=379(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-281/242

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 8-7-13, Exterior(2) 8-7-13 to 10-4-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 6, 7.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V7	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:46 2020 Page 1
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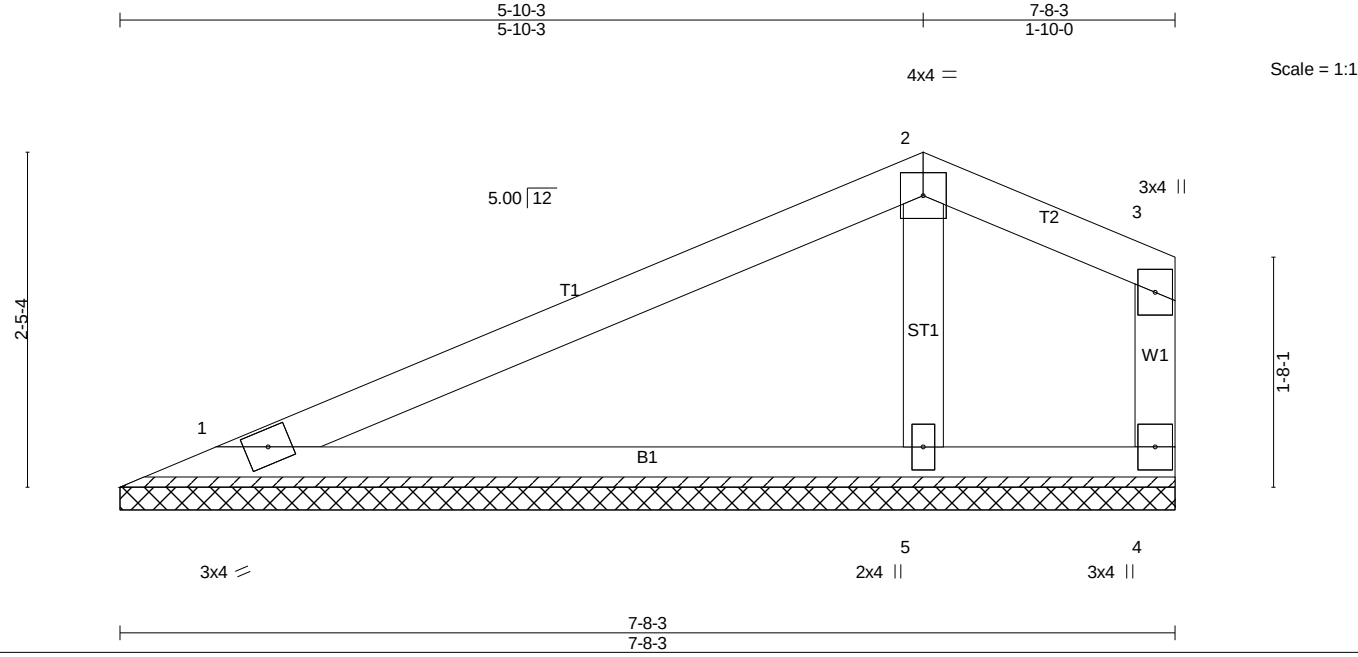

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 27 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=7-8-3 (min. 0-1-8), 4=7-8-3 (min. 0-1-8), 5=7-8-3 (min. 0-1-8)
Max Horz 1=57(LC 12)
Max Uplift 1=-22(LC 12), 4=-31(LC 13), 5=-5(LC 12)
Max Grav 1=195(LC 1), 4=37(LC 1), 5=313(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-12 to 5-6-6, Interior(1) 5-6-6 to 5-10-3, Exterior(2) 5-10-3 to 7-6-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4, 5.
7) 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	Parks Bldg. Sply.\Melissa Miller Job
J0420-1824	V8	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Jul 8 14:56:46 2020 Page 1
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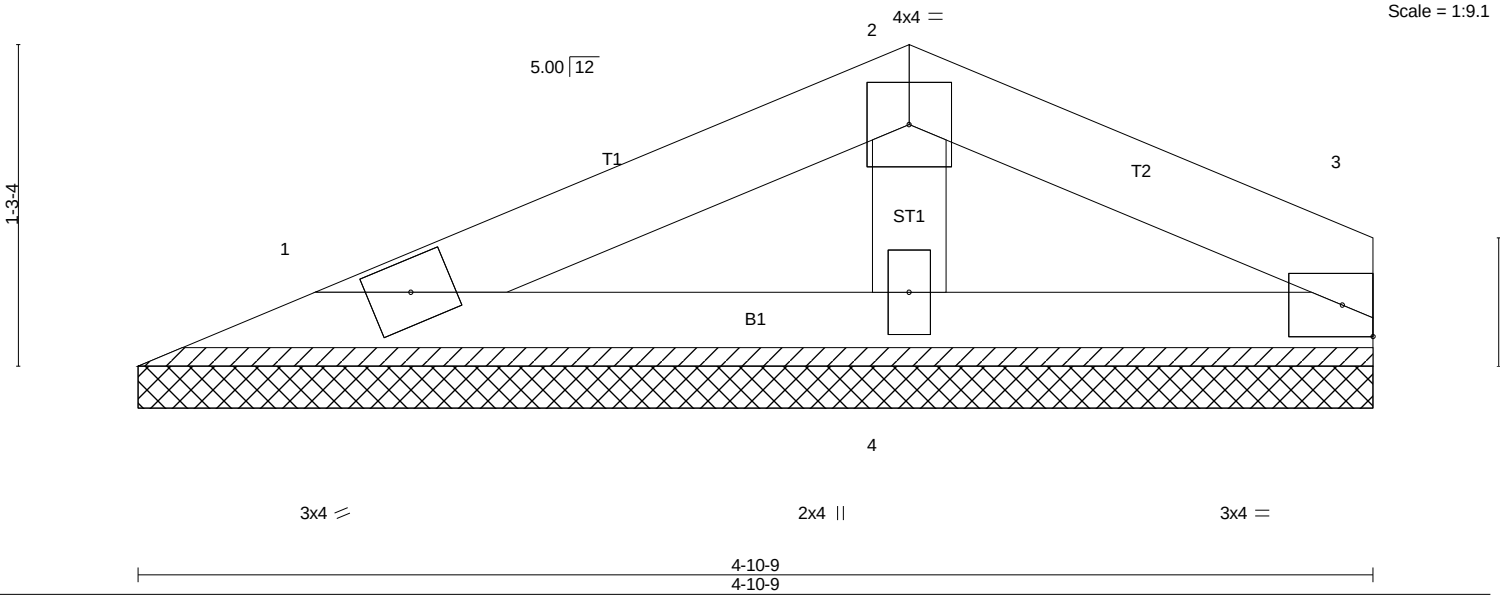

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 15 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (size) 1=4-10-9 (min. 0-1-8), 3=4-10-9 (min. 0-1-8), 4=4-10-9 (min. 0-1-8)
Max Horz 1=12(LC 12)
Max Uplift1=-16(LC 12), 3=-17(LC 13)
Max Grav 1=93(LC 1), 3=74(LC 1), 4=166(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) 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