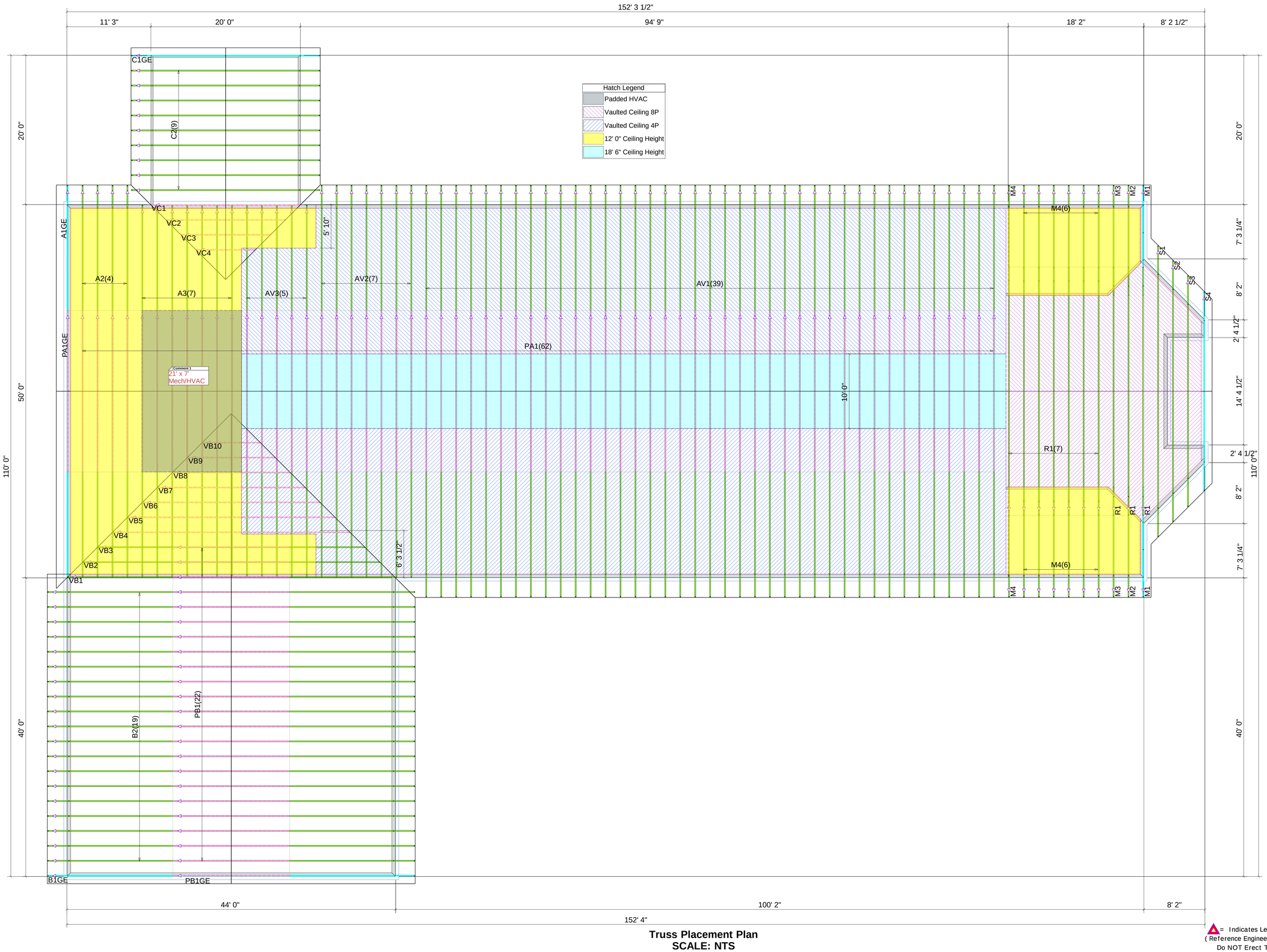

Truss Placement Plan
SCALE: NTS

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

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

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 drawings for the building designer's truss 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 support 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

BUILDER	CERTIFIED CONST SERVICES
JOB NAME	FULL GOSPEL HDQTRS
PLAN	Plan
SEAL DATE	ARCH 06/18/18
QUOTE #	B0619-3023
JOB #	Order #
CITY / CO.	COATS / HARNETT
ADDRESS	HWY 55 / ASHE RD
MODEL	ROOF
DATE REV.	/ /
DRAWN BY	Bob Lewis
SALES REP.	Bob Lewis

LOAD CHART FOR JACK STUDS

LOADED ON PARLIN PANTOS 9.3.8
NUMBER OF JACK STUDS REQUIRED IF PAIRED OR HEADER/GIRDER

Double 2"x4" (1.5"x3.5") #2&Btr Spruce-Pine-Fir (2100 psi)		Single 2"x4" (1.5"x3.5") #2&Btr Spruce-Pine-Fir (2100 psi)		Single 2"x6" (1.5"x5.5") #2&Btr Spruce-Pine-Fir (2100 psi)	
Reaction (lbs)	Jack Studs	Reaction (lbs)	Jack Studs	Reaction (lbs)	Jack Studs
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				

Reaction Summary of Quote

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS
Cary Office: (919) 816-0105

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ORDER DATE	/ /	**QUOTE #**	B0619-3023
DELIVERY DATE	/ /	**CUSTOMER ACCT #**	0000006723
DATE OF INVOICE	/ /	**CUSTOMER PO #**	
ORDERED BY	Tim Bell	**INVOICE #**	
COUNTY	HARNETT	**TERMS**	Net 10 Days
SUPERINTENDANT	Tim Bell	**SALES REP**	Bob Lewis
JOBSITE PHONE #	(910) 237--3262	**SALES AREA**	Bob Lewis

SOLD TO
Certified Construction
9820 Hwy 301 N
Lumberton, NC 28358
(910) 739-3321

SHIP TO
CERTIFIED CONST
HWY 55 / ASHE RD
COATS, NC

JOB NAME: FULL GOSPEL HDQTRS **LOT #** **SUBDIV:** HWY 55 / ASHE RD
MODEL: ROOF **TAG:** **JOB CATEGORY:** Commercial - Roof
DELIVERY INSTRUCTIONS:
PLAN SEAL DATE: ARCH
SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT
Roof Order

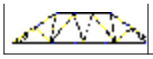
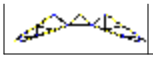
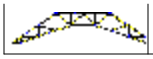
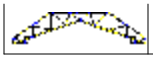
OVERHANG INFO		HEEL HEIGHT	00-06-00	REQ. LAYOUTS				REQ. ENGINEERING					BY	DATE
END CUT	RETURN											QUOTE		/ /
PLUMB	NO	GABLE STUDS	16 IN. OC			JOBSITE	1			JOBSITE	1	LAYOUT		/ /
												CUTTING	BL	06/27/19

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	LUMBER		OVERHANG		REACTIONS				
	PLY	TOP	BOT	ID	O/A	TOP	BOT	LEFT	RIGHT					
	1	8.00	0.00	PIGGYBACK A1GE	52-06-04 52-06-04	2 X 6	2 X 6			Joint 31 373.5 lbs. -428.8 lbs.	Joint 32 566.3 lbs. -342.8 lbs.	Joint 33 151.9 lbs. -65.5 lbs.	Joint 34 260.4 lbs. -111.6 lbs.	Joint 35 235.3 lbs. -100.9 lbs.
	4	8.00	0.00	PIGGYBACK A2	52-06-04 52-06-04	2 X 6	2 X 6			Joint 12 2083.4 lbs. -118.6 lbs.	Joint 19 2277.6 lbs. -151.4 lbs.			
	7	8.00	0.00	PIGGYBACK A3	49-11-00 49-11-00	2 X 6	2 X 10			Joint 13 2485.9 lbs. -180.0 lbs.	Joint 22 2486.0 lbs. -180.0 lbs.			
	39	8.00	4.00	PIGGYBACK AV1	55-01-08 55-01-08	2 X 6	2 X 6			Joint 15 2204.5 lbs. -153.1 lbs.	Joint 24 2204.4 lbs. -153.1 lbs.			
	7	8.00	4.00	PIGGYBACK AV2	52-06-04 52-06-04	2 X 6	2 X 6			Joint 14 1961.6 lbs. -117.9 lbs.	Joint 23 2221.2 lbs. -152.2 lbs.			
	5	8.00	4.00	PIGGYBACK AV3	49-11-00 49-11-00	2 X 6	2 X 6			Joint 12 1978.3 lbs. -116.9 lbs.	Joint 22 1978.3 lbs. -116.9 lbs.			
	1	8.00	0.00	PIGGYBACK B1GE	49-01-08 49-01-08	2 X 6	2 X 6			Joint 29 429.0 lbs. -353.3 lbs.	Joint 30 460.5 lbs. -355.1 lbs.	Joint 31 184.8 lbs. -63.5 lbs.	Joint 32 256.7 lbs. -112.7 lbs.	Joint 33 236.2 lbs. -100.6 lbs.
	19	8.00	0.00	PIGGYBACK B2	49-01-08 49-01-08	2 X 6	2 X 6			Joint 10 2025.6 lbs. -149.2 lbs.	Joint 16 2025.6 lbs. -149.2 lbs.			
	1	8.00	0.00	COMMON C1GE	25-02-08 25-02-08	2 X 6	2 X 6			Joint 14 346.6 lbs. -147.2 lbs.	Joint 15 264.0 lbs. -205.8 lbs.	Joint 16 195.4 lbs. -78.6 lbs.	Joint 17 246.4 lbs. -123.7 lbs.	Joint 19 253.1 lbs. -59.7 lbs.
	9	8.00	0.00	COMMON C2	25-02-08 25-02-08	2 X 6	2 X 6			Joint 6 1007.8 lbs. -154.4 lbs.	Joint 9 1007.8 lbs. -154.4 lbs.			
	2	8.00	8.00	GABLE M1	14-00-08 14-00-08	2 X 6	2 X 6			Joint 7 886.5 lbs. -467.5 lbs.	Joint 8 75.8 lbs. 27.5 lbs.	Joint 9 134.8 lbs. -55.8 lbs.	Joint 10 413.4 lbs. 13.5 lbs.	
	2	8.00	8.00	PIGGYBACK M2	14-00-08 14-00-08	2 X 6	2 X 6			Joint 7 855.5 lbs. -247.9 lbs.	Joint 9 611.3 lbs. 11.3 lbs.			
	2	8.00	0.00	PIGGYBACK M3	13-11-12 13-11-12	2 X 6	2 X 6			Joint 5 652.3 lbs. -145.2 lbs.	Joint 6 752.8 lbs. -21.7 lbs.			

Reaction Summary of Quote

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS
Cary Office: (919) 816-0105

REQ. QUOTE DATE	/ /	**ORDER #**	
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COUNTY	HARNETT	**TERMS**	Net 10 Days
SUPERINTENDANT	Tim Bell	**SALES REP**	Bob Lewis
JOBSITE PHONE #	(910) 237--3262	**SALES AREA**	Bob Lewis

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Lumberton, NC 28358
(910) 739-3321

SHIP TO
CERTIFIED CONST
HWY 55 / ASHE RD
COATS, NC

JOB NAME: FULL GOSPEL HDQTRS **LOT #** **SUBDIV:** HWY 55 / ASHE RD
MODEL: ROOF **TAG:** **JOB CATEGORY:** Commercial - Roof
DELIVERY INSTRUCTIONS:
PLAN SEAL DATE: ARCH
SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT
Roof Order

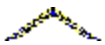
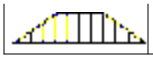
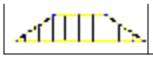
OVERHANG INFO		HEEL HEIGHT	00-06-00	REQ. LAYOUTS				REQ. ENGINEERING					BY	DATE
END CUT	RETURN											QUOTE		/ /
PLUMB	NO	GABLE STUDS	16 IN. OC			JOBSITE	1			JOBSITE	1	LAYOUT		/ /
												CUTTING	BL	06/27/19

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					
	14	8.00	0.00	PIGGYBACK M4	14-08-12 14-08-12	2 X 6	2 X 6			Joint 5 660.4 lbs. -135.1 lbs.	Joint 6 792.0 lbs. -31.0 lbs.			
	62	8.00	0.00	GABLE PA1	20-01-04 20-01-04	2 X 4	2 X 4			Joint 1 112.1 lbs. -100.6 lbs.	Joint 2 120.8 lbs. -12.0 lbs.	Joint 8 108.3 lbs. 4.6 lbs.	Joint 9 13.7 lbs. 0.6 lbs.	Joint 10 282.1 lbs. -95.0 lbs.
	1	8.00	0.00	GABLE PA1GE	20-01-04 20-01-04	2 X 4	2 X 4			Joint 1 113.6 lbs. -118.3 lbs.	Joint 2 170.2 lbs. -22.5 lbs.	Joint 12 148.2 lbs. 15.6 lbs.	Joint 13 14.8 lbs. -20.4 lbs.	Joint 14 187.7 lbs. -59.9 lbs.
	22	8.00	0.00	GABLE PB1	14-01-04 14-01-04	2 X 4	2 X 4			Joint 1 85.5 lbs. -103.6 lbs.	Joint 2 222.6 lbs. -42.6 lbs.	Joint 6 204.7 lbs. -18.7 lbs.	Joint 7 22.7 lbs. -42.4 lbs.	Joint 8 352.8 lbs. -118.6 lbs.
	1	8.00	0.00	GABLE PB1GE	14-01-04 14-01-04	2 X 4	2 X 4			Joint 1 98.6 lbs. -86.8 lbs.	Joint 2 76.6 lbs. -8.8 lbs.	Joint 10 73.6 lbs. -2.7 lbs.	Joint 11 16.8 lbs. -4.6 lbs.	Joint 12 155.0 lbs. -89.9 lbs.
	10	8.00	8.00	ROOF R1	31-03-04 31-03-04	2 X 6	2 X 6			Joint 1 245.0 lbs. -112.8 lbs.	Joint 2 38.9 lbs. -1464.3 lbs.	Joint 11 -17.8 lbs. -834.3 lbs.	Joint 12 2108.9 lbs. -24.9 lbs.	Joint 16 2694.5 lbs. -229.3 lbs.
	1	8.00	8.00	ROOF S1	31-05-01 31-05-01	2 X 6	2 X 6	03-09-04	03-09-04	Joint 14 1544.8 lbs. -164.6 lbs.	Joint 22 1522.5 lbs. -162.9 lbs.			
	1	8.00	8.00	ROOF S2	27-05-01 27-05-01	2 X 6	2 X 6	03-09-04	03-09-04	Joint 12 1373.8 lbs. -148.8 lbs.	Joint 18 1373.8 lbs. -148.8 lbs.			
	1	8.00	8.00	ROOF S3	23-05-01 23-05-01	2 X 6	2 X 6	03-09-04	03-09-04	Joint 12 1213.8 lbs. -134.3 lbs.	Joint 16 1213.8 lbs. -134.3 lbs.			
	1	8.00	8.00	ROOF S4	19-01-01 19-01-01	2 X 6	2 X 6	03-09-04	03-09-04	Joint 12 1040.5 lbs. -118.9 lbs.	Joint 16 1040.5 lbs. -118.9 lbs.			
	1	8.00	0.00	ROOF VB1	43-09-07 43-09-07	2 X 6	2 X 6			Joint 1 209.1 lbs. -31.6 lbs.	Joint 14 201.4 lbs. 28.8 lbs.	Joint 15 520.3 lbs. -156.6 lbs.	Joint 16 452.6 lbs. -110.3 lbs.	Joint 17 365.8 lbs. 30.2 lbs.
	1	8.00	0.00	VALLEY VB10	07-09-07 07-09-07	2 X 4	2 X 4			Joint 1 149.4 lbs. -30.9 lbs.	Joint 3 149.4 lbs. -36.7 lbs.	Joint 4 246.9 lbs. 10.8 lbs.		
	1	8.00	0.00	ROOF VB2	39-09-07 39-09-07	2 X 6	2 X 6			Joint 1 146.5 lbs. -45.1 lbs.	Joint 12 126.4 lbs. 11.5 lbs.	Joint 13 351.7 lbs. -114.1 lbs.	Joint 14 466.3 lbs. -124.4 lbs.	Joint 15 362.8 lbs. 20.8 lbs.

Reaction Summary of Quote

ComTech ROOF & FLOOR TRUSSES & BEAMS
Reilly Road Industrial Park P.O. Box 40408
Fayetteville, N.C. 28309 (910) 864-TRUS
Cary Office: (919) 816-0105

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SUPERINTENDANT	Tim Bell	**SALES REP**	Bob Lewis
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CERTIFIED CONST
HWY 55 / ASHE RD
COATS, NC

JOB NAME: FULL GOSPEL HDQTRS **LOT #** **SUBDIV:** HWY 55 / ASHE RD
MODEL: ROOF **TAG:** **JOB CATEGORY:** Commercial - Roof
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PLAN SEAL DATE: ARCH
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Roof Order

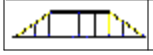
OVERHANG INFO		HEEL HEIGHT	00-06-00	REQ. LAYOUTS				REQ. ENGINEERING					BY	DATE
END CUT	RETURN											QUOTE		/ /
PLUMB	NO	GABLE STUDS	16 IN. OC			JOBSITE	1			JOBSITE	1	LAYOUT		/ /
												CUTTING	BL	06/27/19

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	8.00	0.00	ROOF VB3	35-09-07 35-09-07	2 X 6	2 X 6			Joint 1 184.2 lbs. -9.6 lbs.	Joint 10 196.6 lbs. 8.7 lbs.	Joint 11 538.4 lbs. -167.2 lbs.	Joint 12 337.3 lbs. 16.7 lbs.	Joint 13 428.8 lbs. -56.6 lbs.
	1	8.00	0.00	VALLEY VB4	31-09-07 31-09-07	2 X 4	2 X 4			Joint 1 178.0 lbs. -48.3 lbs.	Joint 11 137.3 lbs. 4.5 lbs.	Joint 12 366.5 lbs. -118.0 lbs.	Joint 13 449.7 lbs. -110.7 lbs.	Joint 14 489.7 lbs. -125.0 lbs.
	1	8.00	0.00	VALLEY VB5	27-09-07 27-09-07	2 X 4	2 X 4			Joint 1 134.2 lbs. -102.9 lbs.	Joint 11 98.2 lbs. -56.9 lbs.	Joint 12 281.8 lbs. -95.5 lbs.	Joint 13 407.5 lbs. -114.8 lbs.	Joint 14 495.5 lbs. -123.5 lbs.
	1	8.00	0.00	VALLEY VB6	23-09-07 23-09-07	2 X 4	2 X 4			Joint 1 157.8 lbs. -27.6 lbs.	Joint 7 126.4 lbs. 11.4 lbs.	Joint 8 357.1 lbs. -116.0 lbs.	Joint 9 476.6 lbs. -126.6 lbs.	Joint 10 381.1 lbs. 59.8 lbs.
	1	8.00	0.00	VALLEY VB7	19-09-07 19-09-07	2 X 4	2 X 4			Joint 1 91.5 lbs. -66.6 lbs.	Joint 7 63.5 lbs. -34.5 lbs.	Joint 8 272.6 lbs. -90.4 lbs.	Joint 10 431.6 lbs. -129.0 lbs.	Joint 11 375.8 lbs. 54.2 lbs.
	1	8.00	0.00	VALLEY VB8	15-09-07 15-09-07	2 X 4	2 X 4			Joint 1 133.8 lbs. -8.7 lbs.	Joint 5 124.2 lbs. 5.8 lbs.	Joint 6 389.2 lbs. -129.4 lbs.	Joint 7 328.3 lbs. 49.8 lbs.	Joint 8 389.4 lbs. -129.6 lbs.
	1	8.00	0.00	VALLEY VB9	11-09-07 11-09-07	2 X 4	2 X 4			Joint 1 60.6 lbs. -45.9 lbs.	Joint 5 41.9 lbs. -27.2 lbs.	Joint 6 322.6 lbs. -114.2 lbs.	Joint 7 260.9 lbs. 28.2 lbs.	Joint 8 322.8 lbs. -114.3 lbs.
	1	8.00	0.00	VALLEY VC1	19-11-07 19-11-07	2 X 4	2 X 4			Joint 1 91.4 lbs. -62.2 lbs.	Joint 7 62.0 lbs. -29.7 lbs.	Joint 8 272.7 lbs. -90.5 lbs.	Joint 10 441.2 lbs. -129.0 lbs.	Joint 11 376.6 lbs. 54.4 lbs.
	1	8.00	0.00	VALLEY VC2	15-11-07 15-11-07	2 X 4	2 X 4			Joint 1 136.4 lbs. -8.0 lbs.	Joint 5 127.4 lbs. 5.8 lbs.	Joint 6 394.6 lbs. -130.8 lbs.	Joint 7 330.4 lbs. 49.7 lbs.	Joint 8 394.8 lbs. -130.9 lbs.
	1	8.00	0.00	VALLEY VC3	11-11-07 11-11-07	2 X 4	2 X 4			Joint 1 59.8 lbs. -40.5 lbs.	Joint 5 40.8 lbs. -21.5 lbs.	Joint 6 321.4 lbs. -113.5 lbs.	Joint 7 261.2 lbs. 29.1 lbs.	Joint 8 321.6 lbs. -113.6 lbs.
	1	8.00	0.00	VALLEY VC4	07-11-07 07-11-07	2 X 4	2 X 4			Joint 1 153.1 lbs. -31.7 lbs.	Joint 3 153.1 lbs. -37.6 lbs.	Joint 4 252.9 lbs. 11.1 lbs.		

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
350	Hangers, USP	RT16A			SIMPSON (H10A)

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	A1GE	Piggyback Base Supported Gable	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:33 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-OMDoEvkIR2LY3xhOKWueXxNxxYe5DATtuTrG0_z1nIW

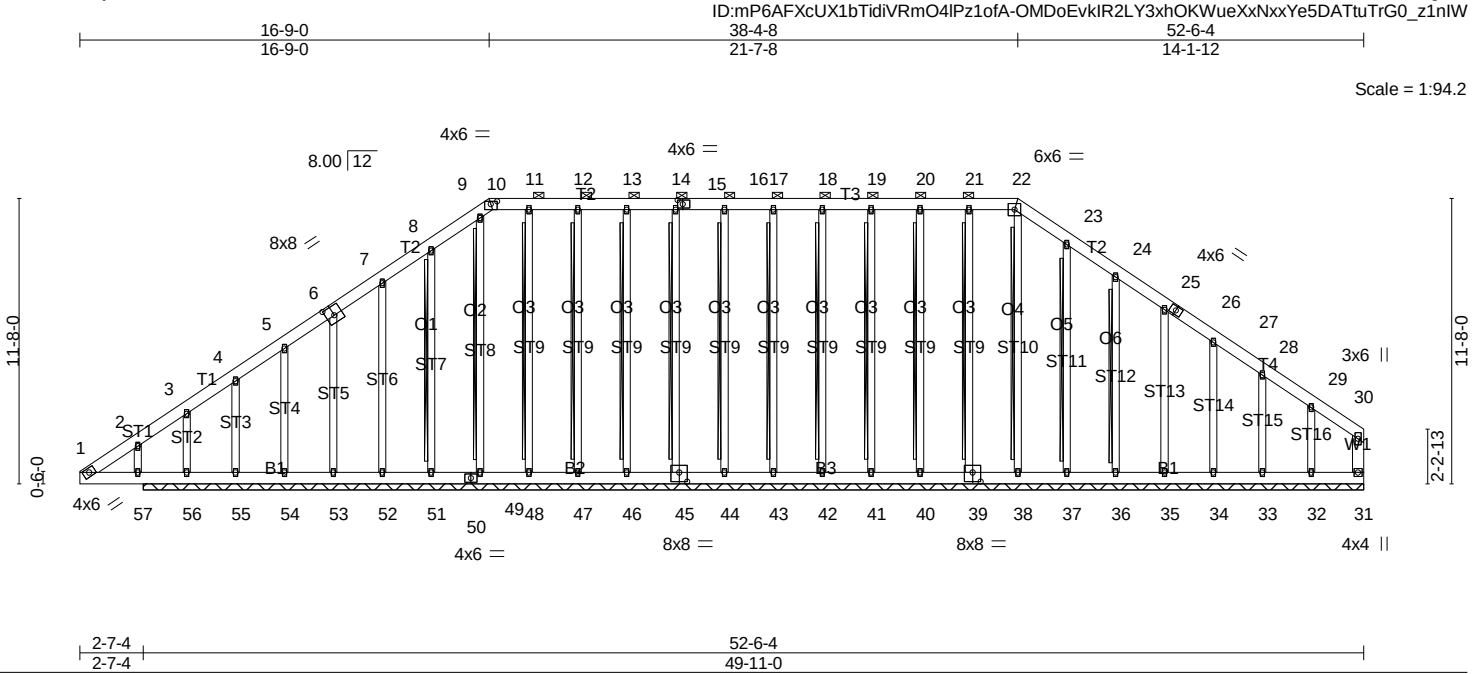


Plate Offsets (X,Y)-- [6:0-4-0,0-4-8], [10:0-3-0,0-1-5], [15:0-2-8,0-2-0], [39:0-4-0,0-4-8], [45:0-4-0,0-4-8]

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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	-0.01	31	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 564 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.3 *Except*
ST10,ST9,ST8: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 10-22.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 22-38, 21-39, 20-40, 19-41, 18-42, 17-43, 16-44, 14-45, 13-46, 12-47, 11-48, 9-49, 8-51, 23-37, 24-36
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 49-11-0.
(lb) - Max Horz 56=367(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 54, 37, 33 except 31=-429(LC 12), 52=-109(LC 13), 53=-114(LC 13), 55=-269(LC 12), 56=-192(LC 14), 36=-113(LC 14), 35=-101(LC 14), 34=-112(LC 14), 32=-343(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 55, 36, 35, 33 except 31=373(LC 9), 38=311(LC 26), 49=289(LC 27), 54=258(LC 25), 56=589(LC 25), 37=261(LC 25), 34=260(LC 25), 32=566(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-149/263, 6-7=-138/271, 7-8=-210/319, 8-9=-273/390, 9-10=-252/350, 10-11=-256/369, 11-12=-256/369, 12-13=-256/369, 13-14=-256/369, 14-15=-255/369, 15-16=-255/369, 16-17=-255/369, 17-18=-255/369, 18-19=-255/369, 19-20=-255/369, 20-21=-255/369, 21-22=-255/369, 22-23=-278/414, 23-24=-221/383, 24-25=-151/331, 25-26=-99/299, 26-27=-114/276, 27-28=-140/283, 28-29=-178/294, 29-30=-298/410, 30-31=-226/273
BOT CHORD 55-56=-258/206, 54-55=-258/206, 53-54=-258/206, 52-53=-258/206, 51-52=-258/206, 50-51=-258/206, 49-50=-258/206, 48-49=-258/206, 47-48=-258/206, 46-47=-258/206, 45-46=-258/206, 44-45=-257/207, 43-44=-257/207, 42-43=-257/207, 41-42=-257/207, 40-41=-257/207, 39-40=-257/207, 38-39=-257/208, 37-38=-258/208, 36-37=-258/208, 35-36=-258/208, 34-35=-258/208, 33-34=-258/208, 32-33=-258/208, 31-32=-258/208
WEBS 3-56=-290/217, 29-32=-309/233

NOTES-
1) Unbalanced roof live loads have been considered for this design.

Continued on page 2

NOTES-

2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-1 to 10-3-8, Exterior(2) 10-3-8 to 16-9-13, Corner(3) 16-9-13 to 48-4-8, Exterior(2) 48-4-8 to 52-3-8 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 54, 37, 33 except (jt=lb) 31=429, 52=109, 53=114, 55=269, 56=192, 36=113, 35=101, 34=112, 32=343.
10) Non Standard bearing condition. Review required.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

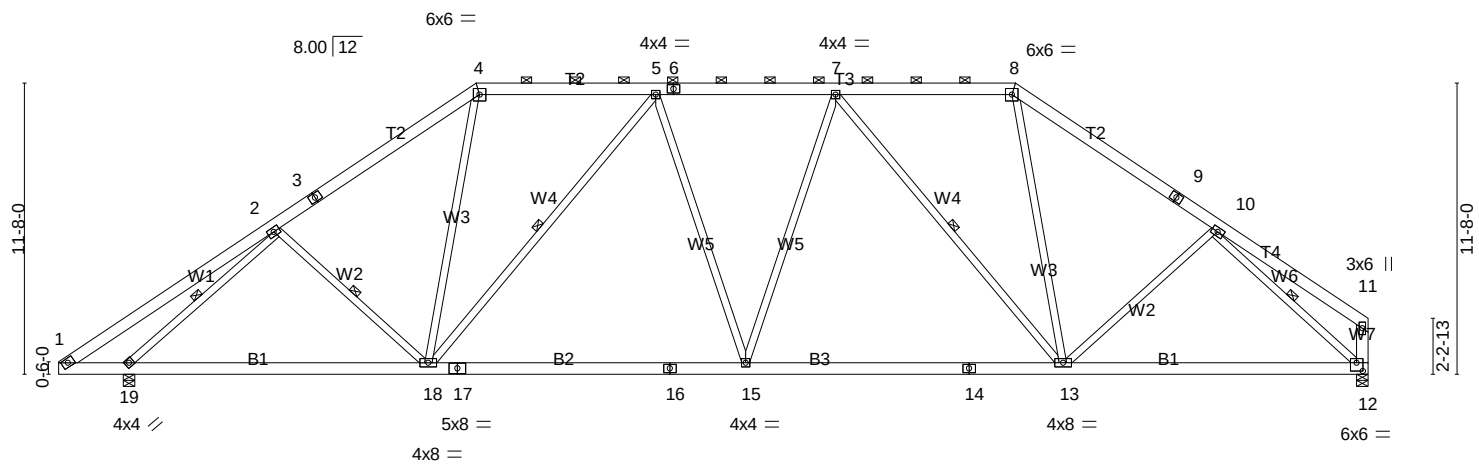
Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	A2	Piggyback Base	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:34 2019 Page 1

ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-sZnARFkwCLTPg5GauEPt39w3cyrKyRS177bpYRz1nIV

8-9-1	16-9-0	23-11-8	31-2-0	38-4-8	46-4-7	52-6-4
8-9-1	7-11-15	7-2-8	7-2-8	7-2-8	7-11-15	6-1-13

Scale = 1:92.4



2-7-4	14-10-0	27-6-12	40-3-8	52-3-8	52-6-4
2-7-4	12-2-12	12-8-12	12-8-12	12-0-0	0-2-12

Plate Offsets (X,Y)-- [12:0-3-0,0-4-0]

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	0.35	Vert(LL)	-0.24	15-18	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.42	15-18	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.10	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.10	15-18	>999	240		
BCDL	10.0										Weight: 419 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W2,W6,W1: 2x4 SP No.3, W7: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-14 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-15 max.): 4-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 2-18, 5-18, 7-13, 10-12, 2-19

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

REACTIONS. (size) 12=0-5-8 (min. 0-2-7), 19=0-5-8 (min. 0-2-11)
Max Horz 19=297(LC 10)
Max Uplift12=-119(LC 14), 19=-151(LC 13)
Max Grav 12=2083(LC 3), 19=2273(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-266/43, 2-3=-2534/833, 3-4=-2408/883, 4-5=-1826/788, 5-6=-2458/936, 6-7=-2458/936, 7-8=-1822/785, 8-21=-2394/886, 9-21=-2396/859, 9-10=-2512/837, 10-11=-324/127, 11-12=-294/140
BOT CHORD 1-19=-140/326, 19-22=-601/2039, 22-23=-601/2039, 18-23=-601/2039, 17-18=-519/2368, 17-24=-519/2368, 16-24=-519/2368, 16-25=-519/2368, 15-25=-519/2368, 15-26=-528/2365, 14-26=-528/2365, 14-27=-528/2365, 13-27=-528/2365, 13-28=-563/1874, 28-29=-563/1874, 12-29=-563/1874
WEBS 2-18=-233/283, 4-18=-241/1000, 5-18=-919/300, 5-15=-7/359, 7-15=-9/367, 7-13=-926/283, 8-13=-222/972, 10-13=-153/295, 10-12=-2370/776, 2-19=-2649/1105

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 16-9-13, Exterior(2) 16-9-13 to 52-3-8 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 4x6 MT20 unless otherwise indicated.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) except (jt=lb) 12=119, 19=151.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	A3	Piggyback Base	7	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:35 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-KlLYeblYzfbGIErnSxw6cMTFVMDuhvBALnKM5tz1nIU

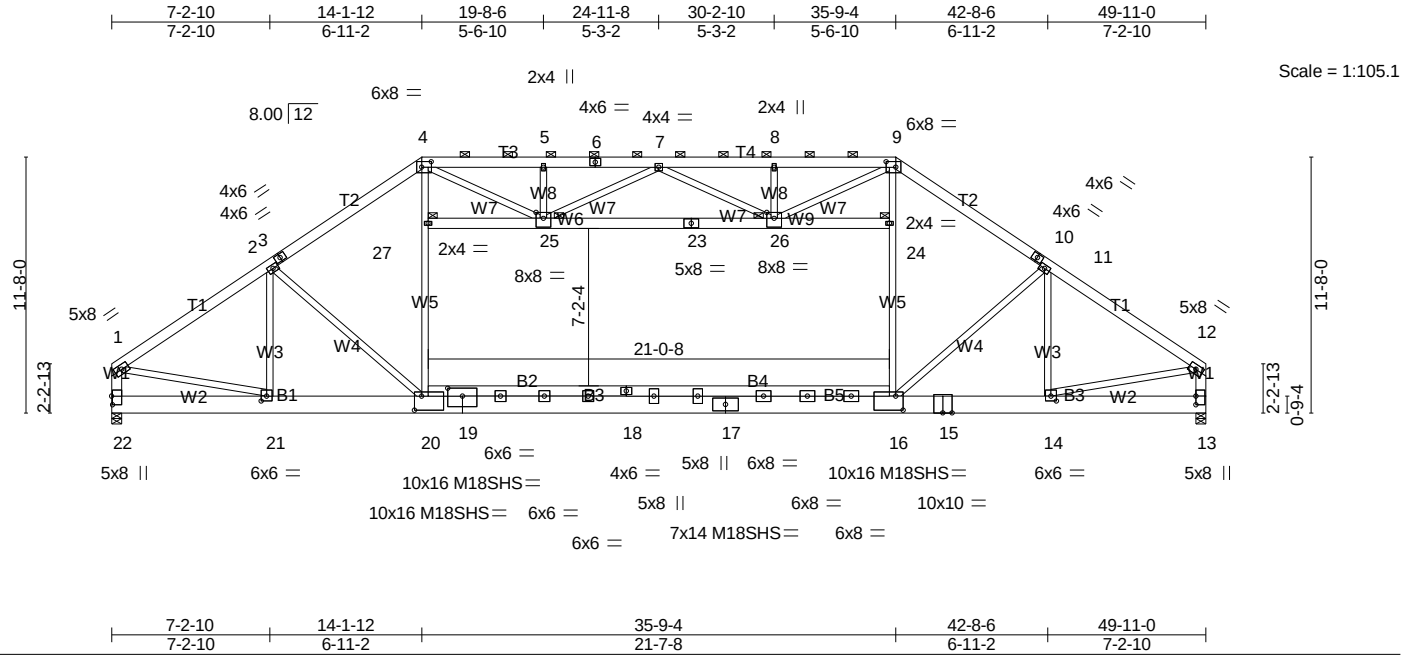


Plate Offsets (X,Y)-- [4:0-5-4,0-3-0], [9:0-5-4,0-3-0], [13:0-4-12,0-0-0], [14:0-3-0,0-2-12], [16:0-4-0,0-7-12], [19:0-0-0,0-4-10], [19:0-8-0,0-4-4], [20:0-4-0,0-7-12], [21:0-3-0,0-2-12], [22:0-4-12,0-0-8], [25:0-4-0,0-3-4], [26:0-4-0,0-3-4]

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	0.28	Vert(LL)	-0.34	16-20	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.63	16-20	>949	240	M18SHS	244/190
TCDL	10.0	Rep Stress Incr	NO	WB	0.90	Horz(CT)	0.06	13	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S		Wind(LL)	0.24	16-20	>999	240	Weight: 567 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E *Except* T3,T4: 2x6 SP No.1
BOT CHORD 2x10 SP 2400F 2.0E *Except* B2,B4: 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except* W5: 2x4 SP No.2, W1,W9,W6: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-6 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-0 max.): 4-9.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-10-3 oc bracing: 16-20.
JOINTS 1 Brace at Jt(s): 24, 25, 26, 27

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

REACTIONS. (size) 22=0-5-8 (min. 0-2-1), 13=0-5-8 (min. 0-2-1)
Max Horz 22=-248(LC 9)
Max Uplift 22=-180(LC 13), 13=-180(LC 14)
Max Grav 22=2486(LC 3), 13=2486(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2956/971, 2-3=-3373/1104, 3-28=-3361/1109, 4-28=-3285/1151, 4-5=-3553/1629, 5-29=-3552/1630, 6-29=-3552/1630, 6-7=-3552/1630, 7-30=-3548/1629, 8-30=-3548/1629, 8-9=-3548/1629, 9-31=-3284/1150, 10-31=-3359/1109, 10-11=-3371/1104, 11-12=-2956/971, 1-22=-2289/782, 12-13=-2290/782
BOT CHORD 21-22=-258/476, 21-32=-698/2525, 20-32=-698/2525, 19-20=-583/2586, 18-19=-590/2730, 17-18=-590/2730, 16-17=-590/2721, 15-16=-683/2379, 15-33=-683/2379, 14-33=-683/2379, 13-14=-115/293
WEBS 2-21=-990/296, 2-20=-303/683, 20-27=-110/1229, 4-27=-115/1237, 16-24=-109/1226, 9-24=-114/1233, 11-16=-308/682, 11-14=-990/296, 1-21=-585/2154, 12-14=-585/2154, 23-25=-799/1326, 23-26=-799/1326, 4-25=-672/1060, 5-25=-302/201, 9-26=-671/1058, 8-26=-299/200, 7-25=-386/269, 7-26=-390/271

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-12 to 10-2-12, Interior(1) 10-2-12 to 14-1-12, Exterior(2) 14-1-12 to 49-8-4 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

Continued on page 2

NOTES-

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 22=180, 13=180.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

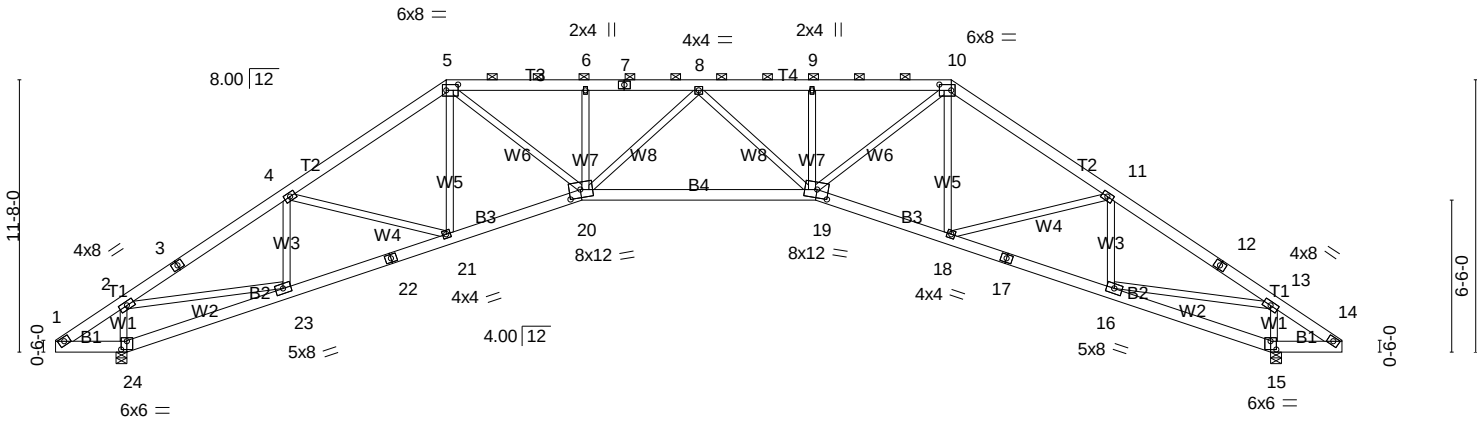
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-9=-64, 9-12=-54, 20-22=-20, 16-20=-60, 13-16=-20

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	AV1	Piggyback Base	39	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:36 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-oxvwsxmAkzj7wOPz0fRL9a?POlWaQQuKaR4wdJz1nIT

3-0-12	9-10-14	16-9-0	22-6-12	27-6-12	32-6-12	38-4-8	45-2-10	52-0-12	55-1-8
3-0-12	6-10-2	6-10-2	5-9-12	5-0-0	5-0-0	5-9-12	6-10-2	6-10-2	3-0-12

Scale = 1:98.7



2-7-4	3-0-12	9-10-14	16-9-0	22-6-12	32-6-12	38-4-8	45-2-10	52-0-12	52-6-4	55-1-8
2-7-4	0-5-8	6-10-2	6-10-2	5-9-12	10-0-0	5-9-12	6-10-2	6-10-2	0-5-8	2-7-4

Plate Offsets (X,Y)-- [5:0-6-0,0-3-0], [10:0-6-0,0-3-0], [15:0-3-0,0-4-4], [19:0-5-12,0-4-4], [20:0-5-12,0-4-4], [24:0-3-0,0-4-4]

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	0.33	Vert(LL)	-0.33	19-20	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.73	19-20	>807	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.53	15	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.25	19-20	>999	240		
BCDL	10.0										Weight: 407 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W6: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-9 oc purlins, except
2-0-0 oc purlins (3-4-3 max.): 5-10.
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. (size) 24=0-5-8 (min. 0-2-10), 15=0-5-8 (min. 0-2-10)
Max Horz 24=-298(LC 9)
Max Uplift 24=-153(LC 13), 15=-153(LC 14)
Max Grav 24=2204(LC 2), 15=2204(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3294/914, 3-4=-3171/945, 4-5=-3614/1062, 5-6=-4870/1371, 6-7=-4882/1378, 7-8=-4882/1378, 8-26=-4882/1388, 9-26=-4882/1388, 9-10=-4870/1379, 10-11=-3614/1050, 11-12=-3171/931, 12-13=-3294/900
BOT CHORD 23-24=-381/343, 22-23=-647/2781, 21-22=-630/2807, 20-21=-486/3080, 20-28=-973/5048, 28-29=-973/5048, 19-29=-973/5048, 18-19=-457/3080, 17-18=-593/2807, 16-17=-610/2781
WEBS 2-24=-2017/743, 2-23=-703/2772, 4-23=-671/305, 4-21=-146/417, 5-20=-547/2527, 6-20=-318/224, 8-20=-315/196, 8-19=-315/197, 9-19=-318/223, 10-19=-566/2527, 11-18=-199/417, 11-16=-671/302, 13-16=-691/2772, 13-15=-2017/750

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 9-10-14, Interior(1) 9-10-14 to 16-9-0, Exterior(2) 16-9-0 to 52-6-3, Interior(1) 52-6-3 to 55-1-7 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 4x6 MT20 unless otherwise indicated.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) except (jt=lb) 24=153, 15=153.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

LOAD CASE(S) Standard

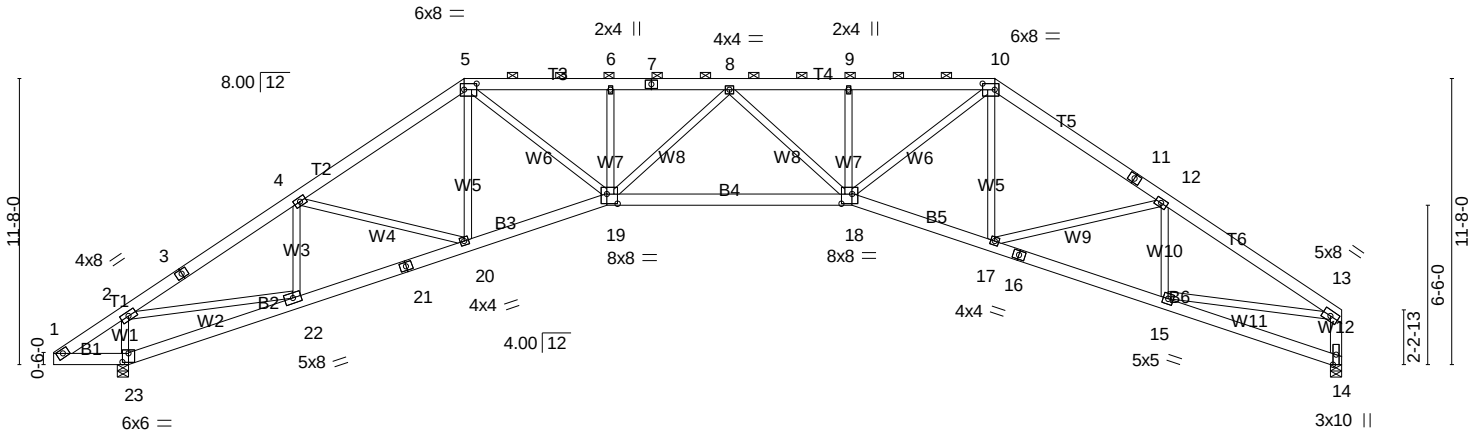
Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	AV2	Piggyback Base	7	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:37 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-G7TI3HnoVGr_XY_9ZMyahnYa_9sr9t2Tp4pT9lz1nIS

3-0-12	9-10-14	16-9-0	22-6-12	27-6-12	32-6-12	38-4-8	45-3-10	52-6-4
3-0-12	6-10-2	6-10-2	5-9-12	5-0-0	5-0-0	5-9-12	6-11-2	7-2-10

Scale = 1:93.9



2-7-4	3-0-12	9-10-14	16-9-0	22-6-12	32-6-12	38-4-8	45-3-10	52-6-4
2-7-4	0-5-8	6-10-2	6-10-2	5-9-12	10-0-0	5-9-12	6-11-2	7-2-10

Plate Offsets (X,Y)-- [5:0-6-0,0-3-0], [10:0-6-0,0-3-0], [18:0-5-4,0-4-12], [19:0-5-4,0-4-12], [23:0-3-0,0-4-4]

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	0.34	Vert(LL)	-0.33	18-19	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.73	18-19	>809	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.54	14	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.27	18-19	>999	240		
BCDL	10.0										Weight: 395 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W2,W6,W11: 2x4 SP No.2, W12: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except end verticals, and 2-0-0 oc purlins (3-3-10 max.): 5-10.
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. (size) 23=0-5-8 (min. 0-2-10), 14=0-5-8 (min. 0-2-2)
Max Horz 23=296(LC 10)
Max Uplift 23=-152(LC 13), 14=-118(LC 14)
Max Grav 23=2221(LC 2), 14=1962(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3326/990, 3-4=-3202/1021, 4-5=-3656/1162, 5-6=-4957/1545, 6-7=-4956/1545, 7-8=-4956/1545, 8-25=-4989/1585, 9-25=-4989/1585, 9-10=-4990/1584, 10-26=-3604/1205, 11-26=-3624/1178, 11-12=-3724/1163, 12-13=-3479/1089, 13-14=-1924/668
BOT CHORD 22-23=-350/293, 21-22=-794/2808, 20-21=-777/2834, 19-20=-653/3106, 19-27=-1229/5133, 27-28=-1229/5133, 18-28=-1229/5133, 17-18=-675/3161, 16-17=-817/2980, 15-16=-841/2954
WEBS 2-23=-2033/782, 2-22=-768/2798, 4-22=-680/324, 4-20=-154/426, 5-19=-641/2563, 6-19=-316/221, 8-19=-334/192, 8-18=-295/195, 9-18=-315/219, 10-18=-654/2538, 10-17=-67/254, 12-17=-204/370, 12-15=-627/307, 13-15=-719/2661

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 9-10-14, Interior(1) 9-10-14 to 16-9-0, Exterior(2) 16-9-0 to 52-3-8 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 4x6 MT20 unless otherwise indicated.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 23=152, 14=118.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

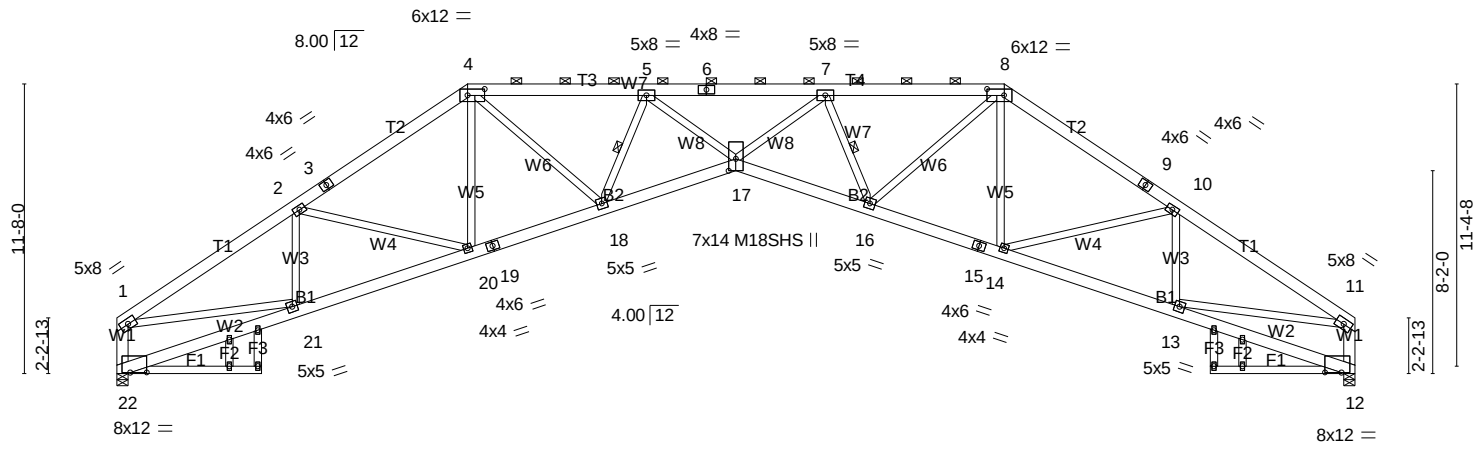
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	AV3	Piggyback Base	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:38 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-kK1hHdnQGazr9iZM74TpE?5gFZBfuFNc1kZ1hCz1nIR

7-2-10	14-1-12	21-4-4	28-6-12	35-9-4	42-8-6	49-11-0
7-2-10	6-11-2	7-2-8	7-2-8	7-2-8	6-11-2	7-2-10

Scale = 1:92.9



7-2-10	14-1-12	19-6-10	24-11-8	30-4-6	35-9-4	42-8-6	49-11-0
7-2-10	6-11-2	5-4-14	5-4-14	5-4-14	5-4-14	6-11-2	7-2-10

Plate Offsets (X,Y)-- [4:0-8-4,0-3-0], [8:0-8-4,0-3-0], [12:0-7-15,0-0-1], [17:0-5-13,0-3-8], [22:0-7-15,0-0-1]

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	0.69	Vert(LL)	-0.50	17	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.99	17	>598	240	M18SHS	244/190
TCDL	10.0	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.81	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.40	17	>999	240	Weight: 404 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
F1: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W8,W2: 2x4 SP No.2, W1: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins, except end verticals, and 2-0-0 oc purlins (2-3-13 max.): 4-8.
BOT CHORD Rigid ceiling directly applied or 6-6-8 oc bracing.
WEBS 1 Row at midpt 5-18, 7-16

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

REACTIONS. (size) 22=0-5-8 (min. 0-2-3), 12=0-5-8 (min. 0-2-3)
Max Horz 22=-248(LC 11)
Max Uplift 22=-117(LC 13), 12=-117(LC 14)
Max Grav 22=1978(LC 2), 12=1978(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3511/1106, 2-3=-3768/1172, 3-31=-3668/1188, 4-31=-3649/1214, 4-5=-4838/1540, 5-6=-8033/2315, 6-7=-8033/2315, 7-8=-4838/1554, 8-32=-3650/1228, 9-32=-3668/1202, 9-10=-3768/1186, 10-11=-3511/1106, 1-22=-1941/674, 11-12=-1941/677
BOT CHORD 21-22=-287/374, 20-21=-879/3007, 19-20=-702/3178, 18-19=-684/3208, 17-18=-1446/6043, 16-17=-1471/6043, 15-16=-680/3208, 14-15=-698/3178, 13-14=-855/3007
WEBS 2-21=-634/312, 2-20=-162/384, 4-18=-603/2418, 5-18=-2548/749, 5-17=-673/3013, 7-17=-643/3013, 7-16=-2548/769, 8-16=-621/2418, 10-14=-206/384, 10-13=-634/311, 1-21=-736/2686, 11-13=-732/2686

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-12 to 10-2-12, Interior(1) 10-2-12 to 14-1-12, Exterior(2) 14-1-12 to 49-8-4 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 22, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

Continued on page 2

NOTES-

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 22=117, 12=117.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

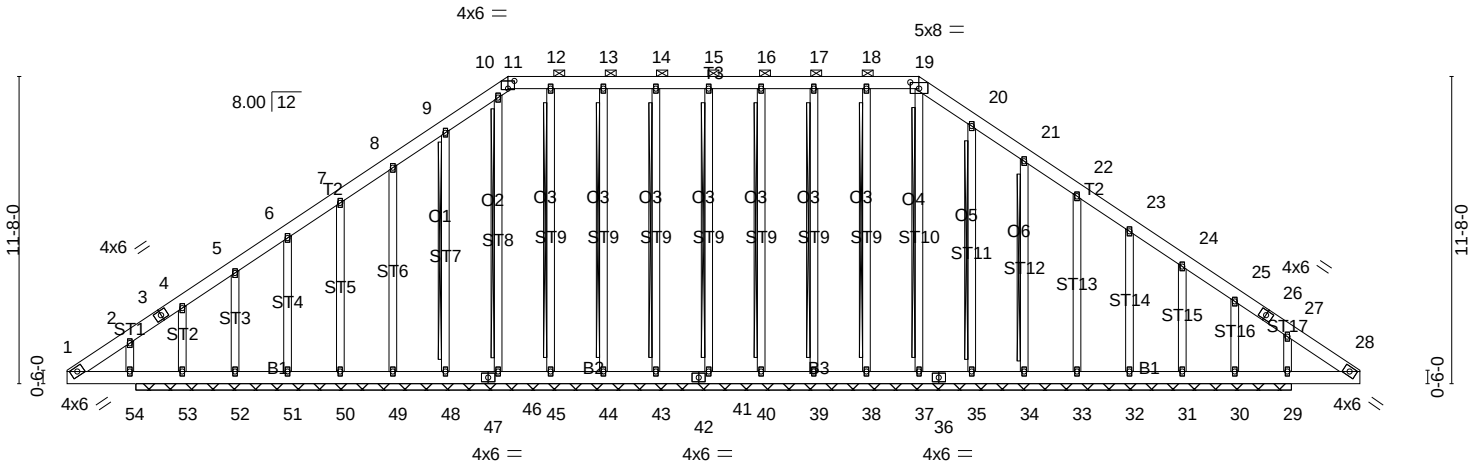
Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	B1GE	Piggyback Base Supported Gable	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:39 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-DWb3Uyo21u5ins8Yhn_2mCd_szhcdu4mGOIaEez1nIQ

16-9-0 / 16-9-0 | 32-4-8 / 15-7-8 | 49-1-8 / 16-9-0

Scale = 1:87.6



2-7-4 / 2-7-4 | 49-1-8 / 46-6-4

Plate Offsets (X,Y)-- [11:0-3-0,0-3-8], [19:0-4-0,0-2-13]

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	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	29	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 499 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3 *Except*
ST10,ST9,ST8: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except
2-0-0 oc purlins (10-0-0 max.): 11-19.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 19-37, 18-38, 17-39, 16-40 , 15-41, 14-43, 13-44, 12-45, 10-46, 9-48, 20-35, 21-34
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 43-11-0.
(lb) - Max Horz 53=-375(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 37, 38, 39, 40, 41, 43, 44, 45, 48, 51, 35, 31 except 49=-112(LC 13), 50=-106(LC 13), 52=-233(LC 10), 53=-193(LC 14), 34=-115(LC 14), 33=-101(LC 14), 32=-113(LC 14), 30=-355(LC 9), 29=-353(LC 10)
Max Grav All reactions 250 lb or less at joint(s) 38, 39, 40, 41, 43, 44, 45, 48, 49, 50, 51, 52, 34, 33, 31 except 37=331(LC 26), 46=303(LC 27), 53=516(LC 28), 35=256(LC 25), 32=257(LC 25), 30=460(LC 12), 29=429(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-210/272, 3-4=-146/287, 5-6=-7/264, 6-7=-56/280, 7-8=-122/298, 8-9=-191/329, 9-10=-255/409, 10-11=-231/348, 11-12=-241/385, 12-13=-241/385, 13-14=-241/385, 14-15=-241/385, 15-16=-241/385, 16-17=-241/385, 17-18=-241/385, 18-19=-241/385, 19-20=-262/433, 20-21=-206/401, 21-22=-135/354, 22-23=-109/336, 23-24=-142/319, 24-25=-180/332, 25-26=-290/406, 26-27=-295/367, 27-28=-258/366
BOT CHORD 52-53=-313/265, 51-52=-313/265, 50-51=-313/265, 49-50=-313/265, 48-49=-313/265, 47-48=-313/265, 46-47=-313/265, 45-46=-313/265, 44-45=-313/265, 43-44=-313/265, 42-43=-313/265, 41-42=-313/265, 40-41=-313/265, 39-40=-313/265, 38-39=-313/265, 37-38=-313/265, 36-37=-313/265, 35-36=-313/265, 34-35=-313/265, 33-34=-313/265, 32-33=-313/265, 31-32=-313/265, 30-31=-313/265, 29-30=-313/265, 28-29=-313/265
WEBS 4-53=-274/209

NOTES-
1) Unbalanced roof live loads have been considered for this design.

Continued on page 2

NOTES-

2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-1 to 10-0-1, Exterior(2) 10-0-1 to 16-9-0, Corner(3) 16-9-0 to 42-4-8, Exterior(2) 42-4-8 to 49-1-7 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 37, 38, 39, 40, 41, 43, 44, 45, 48, 51, 35, 31 except (jt=lb) 49=112, 50=106, 52=233, 53=193, 34=115, 33=101, 32=113, 30=355, 29=353.
10) Non Standard bearing condition. Review required.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

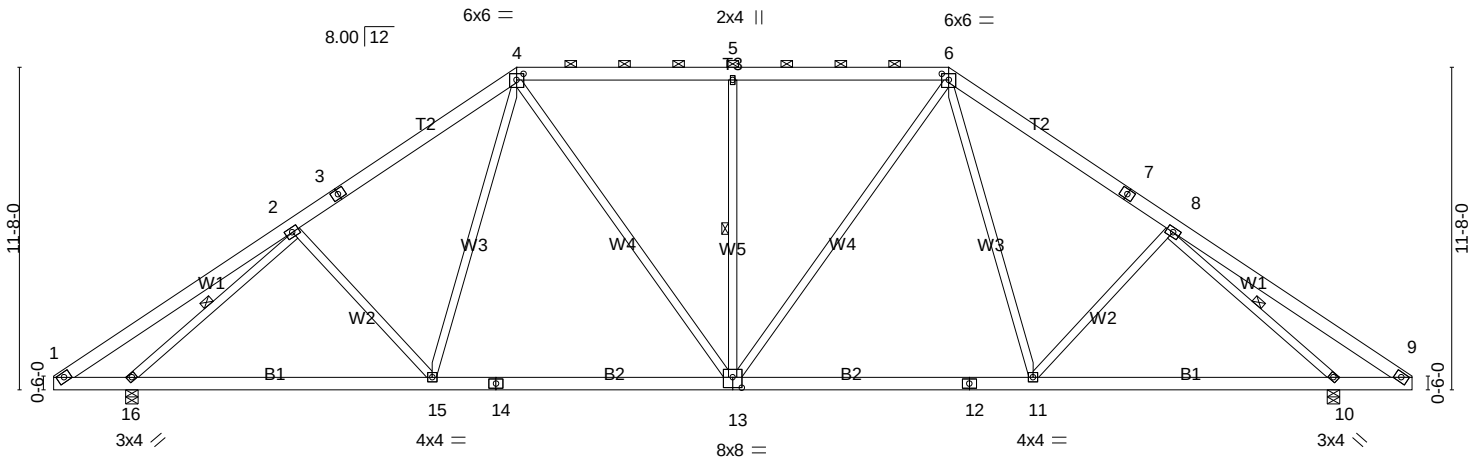
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	B2	Piggyback Base	19	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:40 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-hi9RilphoBDZO0jkFUWHJQA6gNyTMBnvV227m4z1nIP

8-9-1	16-9-0	24-6-12	32-4-8	40-4-7	49-1-8
8-9-1	7-11-15	7-9-12	7-9-12	7-11-15	8-9-1

Scale = 1:83.3



2-7-4	13-8-6	24-6-12	35-5-2	46-6-4	49-1-8
2-7-4	11-1-2	10-10-6	10-10-6	11-1-2	2-7-4

Plate Offsets (X,Y)-- [4:0-3-0,0-2-12], [6:0-3-0,0-2-12], [13:0-4-0,0-4-8]

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	0.31	Vert(LL)	-0.15	11-13	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.25	11-13	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.07	13-15	>999	240		
BCDL	10.0										Weight: 379 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W2,W1: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-13 oc purlins, except
2-0-0 oc purlins (5-6-4 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-13, 2-16, 8-10

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

REACTIONS. (size) 16=0-5-8 (min. 0-2-6), 10=0-5-8 (min. 0-2-6)
Max Horz 16=-299(LC 9)
Max Uplift16=-149(LC 13), 10=-149(LC 14)
Max Grav 16=2021(LC 3), 10=2021(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-252/65, 2-17=-227/264, 2-3=-2173/758, 3-4=-2047/807, 4-18=-1890/812, 5-18=-1889/812, 5-19=-1889/812, 6-19=-1890/812, 6-7=-2047/807, 7-8=-2173/758, 8-20=-227/264, 9-20=-253/65
BOT CHORD 1-16=-156/315, 16-21=-449/1836, 21-22=-449/1836, 15-22=-449/1836, 15-23=-232/1617, 14-23=-232/1617, 14-24=-232/1617, 13-24=-232/1617, 13-25=-210/1601, 12-25=-210/1601, 12-26=-210/1601, 11-26=-210/1601, 11-27=-428/1685, 27-28=-428/1685, 10-28=-428/1685, 9-10=-156/315
WEBS 2-15=-271/298, 4-15=-75/496, 4-13=-181/590, 5-13=-543/345, 6-13=-181/590, 6-11=-75/497, 8-11=-271/298, 2-16=-2341/987, 8-10=-2341/987

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 16-9-0, Exterior(2) 16-9-0 to 46-6-3, Interior(1) 46-6-3 to 49-1-7 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 4x6 MT20 unless otherwise indicated.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) except (jt=lb) 16=149, 10=149.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	C1GE	Common Supported Gable	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:42 2019 Page 1
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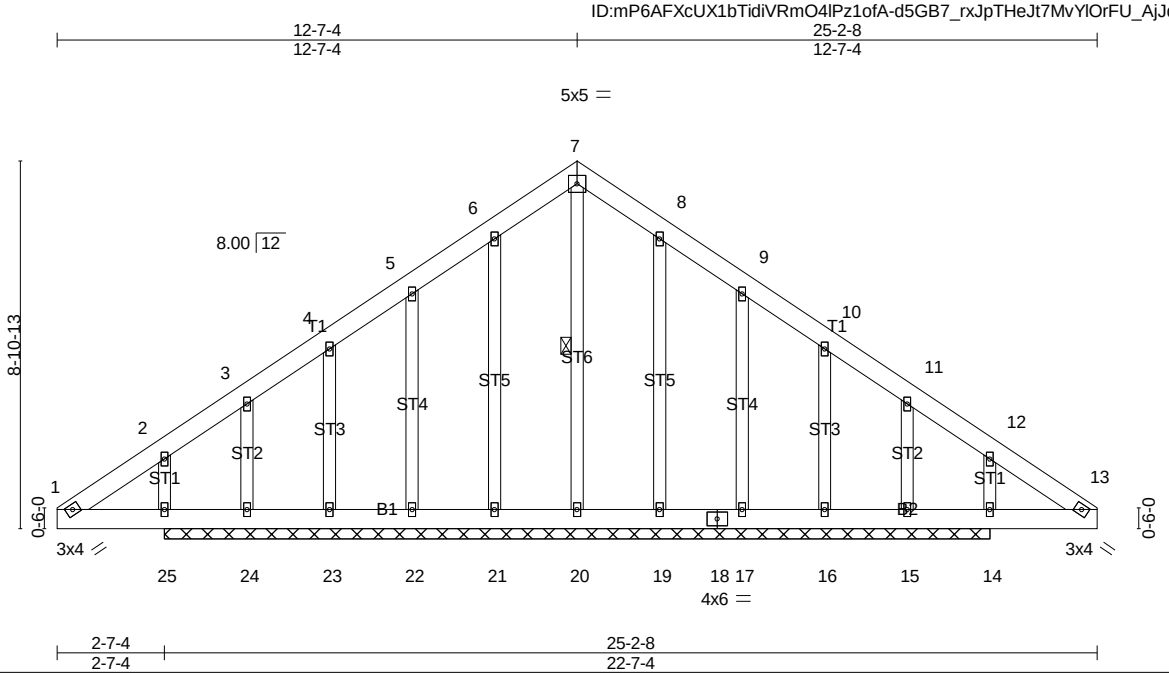

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	14	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 201 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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 1 Row at midpt 7-20

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

REACTIONS. All bearings 20-0-0.
(lb) - Max Horz 25=-280(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 21, 23, 19, 16 except 22=-124(LC 13), 24=-219(LC 13), 25=-173(LC 9), 17=-124(LC 14), 15=-206(LC 14), 14=-147(LC 10)
Max Grav All reactions 250 lb or less at joint(s) 22, 23, 17, 16 except 20=353(LC 27), 21=255(LC 24), 24=284(LC 11), 25=366(LC 25), 19=253(LC 25), 15=264(LC 12), 14=347(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-161/265, 6-7=-211/290, 7-8=-211/278, 8-9=-161/253
WEBS 7-20=-253/76

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-1 to 10-0-1, Exterior(2) 10-0-1 to 12-7-4, Corner(3) 12-7-4 to 22-7-4 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) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
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 live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 23, 19, 16 except (jt=lb) 22=124, 24=219, 25=173, 17=124, 15=206, 14=147.
9) Non Standard bearing condition. Review required.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	C2	Common	9	1	Job Reference (optional)

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

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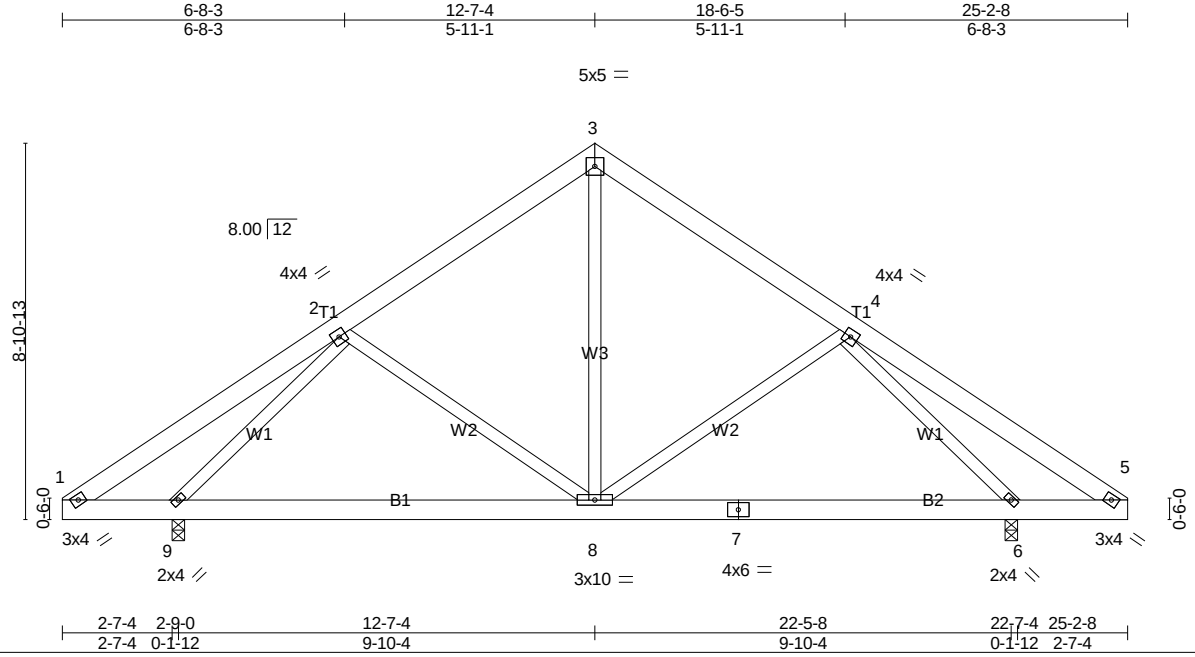

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0		Plate Grip DOL	1.15	TC	0.20	Vert(LL)	0.08	6-8	>999	240	MT20	244/190
Snow (Pf/Pg)	16.9/20.0		Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.04	6-8	>999	240		
TCDL	10.0		Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.01	6	n/a	n/a		
BCLL	0.0	*	Code IBC2015/TPI2014		Matrix-S							Weight: 179 lb	FT = 20%
BCDL	10.0												

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 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. (size) 9=0-3-8 (min. 0-1-8), 6=0-3-8 (min. 0-1-8)
Max Horz 9=-224(LC 11)
Max Uplift 9=-154(LC 10), 6=-154(LC 9)
Max Grav 9=1008(LC 2), 6=1008(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-10=-98/298, 2-11=-692/748, 3-11=-637/780, 3-12=-637/780, 4-12=-692/748, 4-13=-98/297
BOT CHORD 8-9=-452/571, 7-8=-452/571, 6-7=-452/571
WEBS 3-8=-653/383, 2-9=-1022/771, 4-6=-1022/771

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 12-7-4, Exterior(2) 12-7-4 to 22-7-4 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 9=154, 6=154.
6) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	M1	GABLE COMMON	2	1	Job Reference (optional)

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

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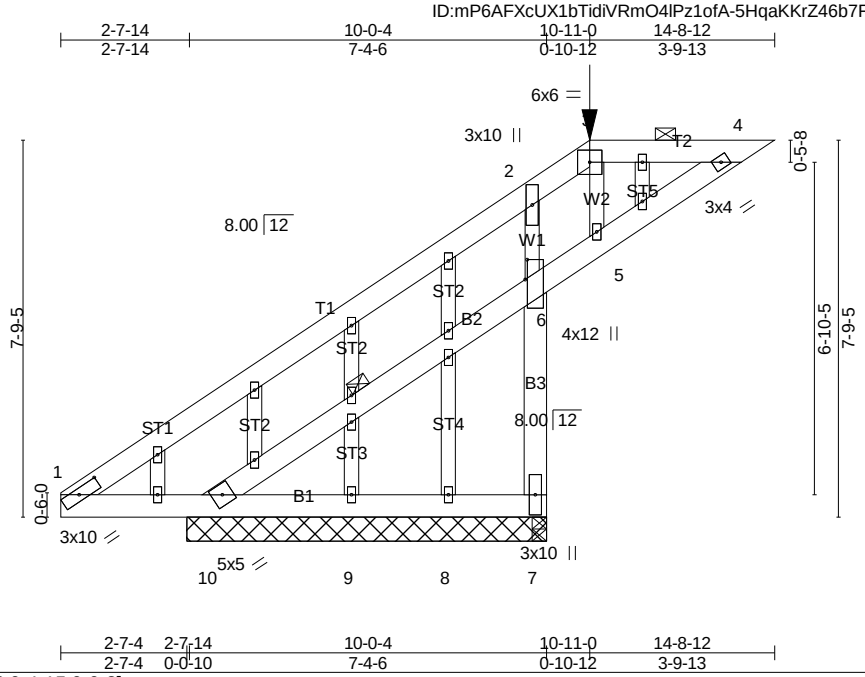

Plate Offsets (X,Y)-- [1:0-5-8,0-1-8], [6:0-4-15,0-0-8]

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	0.50	Vert(LL)	0.01	6-10	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	0.02	6-10	>999	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.22	Horz(CT)	-0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	-0.01	6-10	>999	240	Weight: 125 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 6-10

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

REACTIONS. All bearings 7-5-0.
(lb) - Max Horz 10=382(LC 13)
Max Uplift All uplift 100 lb or less at joint(s) 9 except 7=-467(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 9, 8 except 7=887(LC 2), 7=884(LC 1), 10=413(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-325/292, 2-21=-318/479, 2-3=-215/294, 3-4=-106/269
BOT CHORD 1-10=-402/391, 6-7=-943/574, 6-10=-323/62, 5-6=-439/221, 4-5=-312/123
WEBS 3-5=-281/236, 2-6=-1048/743

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-1 to 9-8-12, Interior(1) 9-8-12 to 10-10-15, Exterior(2) 10-10-15 to 14-0-7 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 9 except (jt=lb) 7=467.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) . The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-3=-54, 3-4=-64, 1-10=-20, 7-10=-20, 4-6=-20
   Concentrated Loads (lb)
      Vert: 3=-235

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	M2	Piggyback Base	2	1	Job Reference (optional)

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

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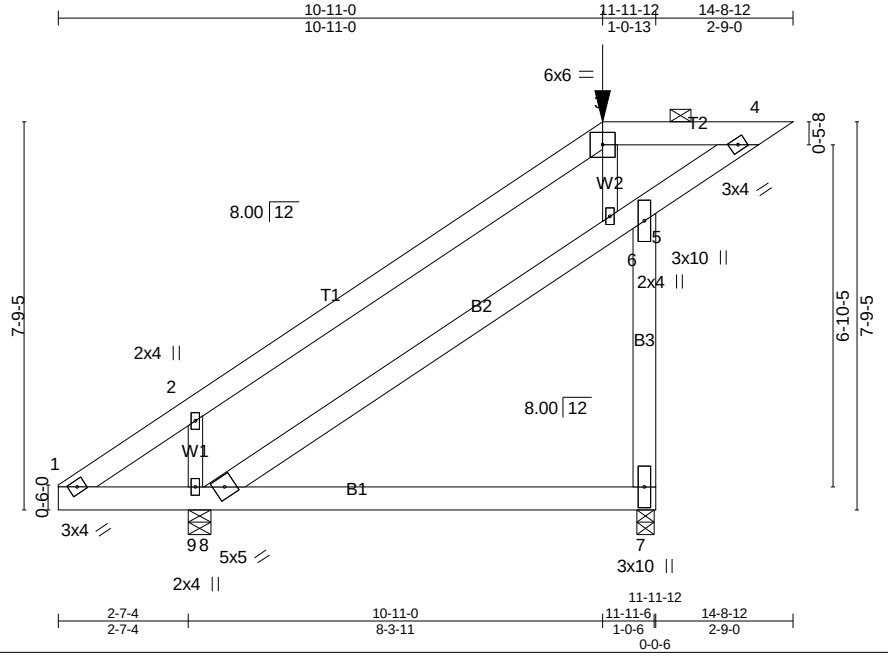

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0		Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.02	6-8	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0		Lumber DOL	1.15	BC	0.62	Vert(CT)	-0.06	7-8	>999	240		
TCDL	10.0		Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0	*	Code IBC2015/TPI2014		Matrix-S		Wind(LL)	0.01	7-8	>999	240	Weight: 115 lb	FT = 20%
BCDL	10.0												

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
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. (size) 7=0-4-3 (min. 0-1-8), 9=0-5-8 (min. 0-1-8)
Max Horz 9=266(LC 13)
Max Uplift 7=-248(LC 10)
Max Grav 7=856(LC 21), 9=611(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-310/8, 2-10=-294/28, 2-11=-333/102, 3-4=-291/175
BOT CHORD 1-9=0/250, 8-9=-244/272, 5-7=-703/745, 8-13=-313/313, 6-13=-313/313, 5-6=-513/537
WEBS 3-6=-517/407, 2-9=-604/434

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 10-10-15, Exterior(2) 10-10-15 to 14-0-7 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=248.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) . The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-64, 1-8=-20, 7-8=-20, 4-5=-20

Continued on page 2

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 3=-245

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	M3	Piggyback Base	2	1	Job Reference (optional)

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

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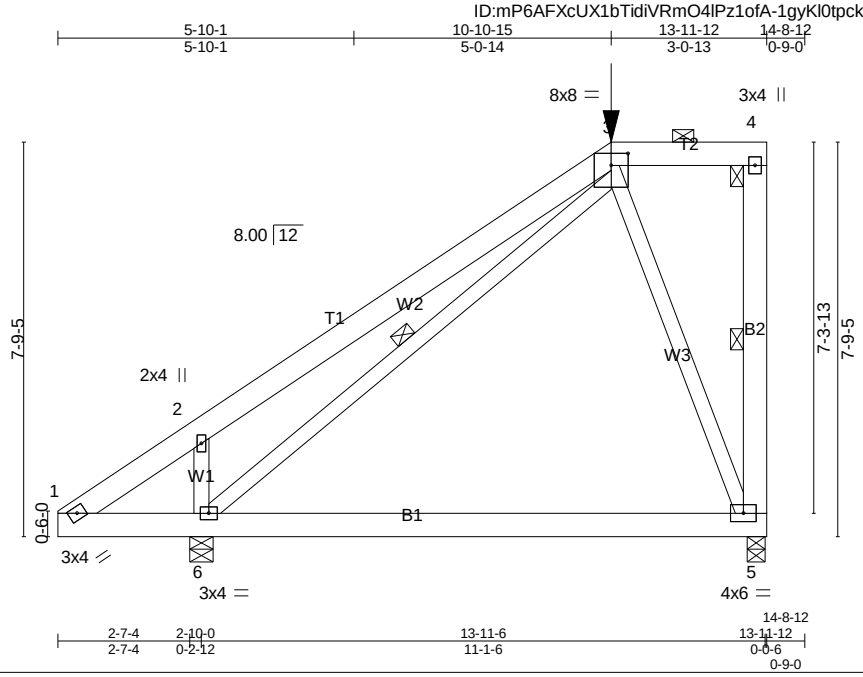

Plate Offsets (X,Y)-- [3:0-4-0,0-2-13]

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	0.28	Vert(LL)	-0.11	5-6	>999	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.19	5-6	>676	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.66	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.01	5-6	>999	240	Weight: 115 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 6-0-0 oc bracing: 4-5
WEBS 1 Row at midpt 3-6

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

REACTIONS. (size) 6=0-5-8 (min. 0-1-8), 5=0-4-3 (min. 0-1-8)
Max Horz 6=266(LC 13)
Max Uplift6=-22(LC 13), 5=-145(LC 13)
Max Grav 6=753(LC 2), 5=652(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-453/173, 3-8=-351/198
WEBS 2-6=-613/494, 3-5=-589/407, 3-6=-208/265

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 10-10-15, Exterior(2) 10-10-15 to 13-9-0 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 5=145.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) . The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-64, 1-5=-20
Concentrated Loads (lb)
Vert: 3=-245

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	M4	Piggyback Base	14	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:45 2019 Page 1
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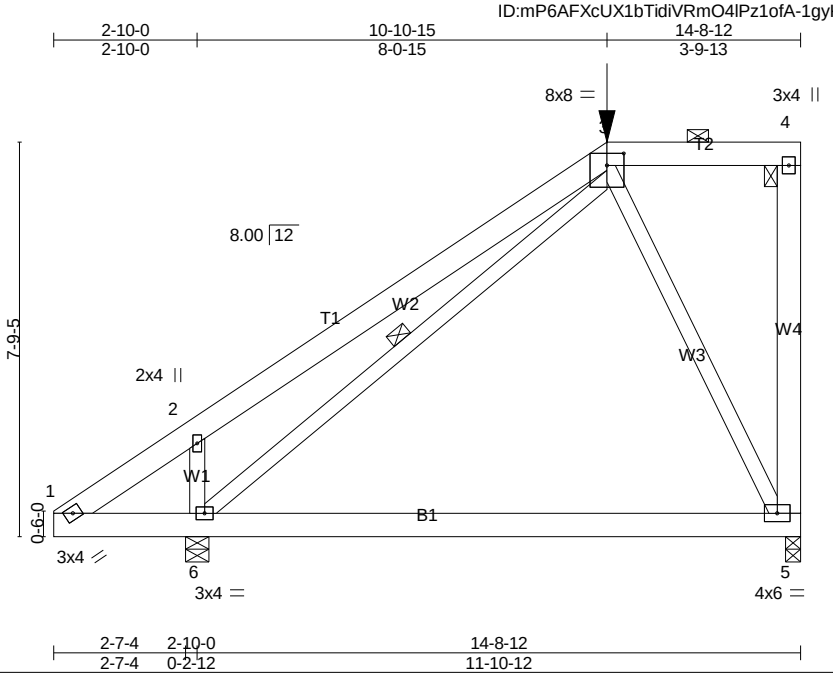

Scale = 1:45.4

Plate Offsets (X,Y)-- [3:0-4-0,0-2-13]

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	0.28	Vert(LL)	-0.14	5-6	>968	360	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.25	5-6	>552	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	-0.01	5-6	>999	240	Weight: 119 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W4: 2x6 SP No.1, W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-6

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

REACTIONS. (size) 5=0-3-8 (min. 0-1-8), 6=0-5-8 (min. 0-1-8)
Max Horz 6=266(LC 13)
Max Uplift5=-135(LC 13), 6=-31(LC 13)
Max Grav 5=660(LC 20), 6=792(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-286/0, 2-7=-496/166, 3-7=-374/191
BOT CHORD 1-6=0/252, 6-8=-164/265, 8-9=-164/265, 5-9=-164/265
WEBS 2-6=-612/494, 3-5=-571/389

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-1 to 10-0-1, Interior(1) 10-0-1 to 10-10-15, Exterior(2) 10-10-15 to 14-6-0 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 5=135.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
8) Load case(s) 19, 37 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) . The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-64, 1-5=-20
Concentrated Loads (lb)
Vert: 3=-245
19) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-20, 3-4=-20, 1-8=-20, 8-9=-60, 5-9=-20
Concentrated Loads (lb)
Vert: 3=-117
37) Reversal: Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-20, 3-4=-20, 1-8=-20, 8-9=-60, 5-9=-20
Concentrated Loads (lb)
Vert: 3=-117

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	PA1	GABLE	62	1	Job Reference (optional)

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

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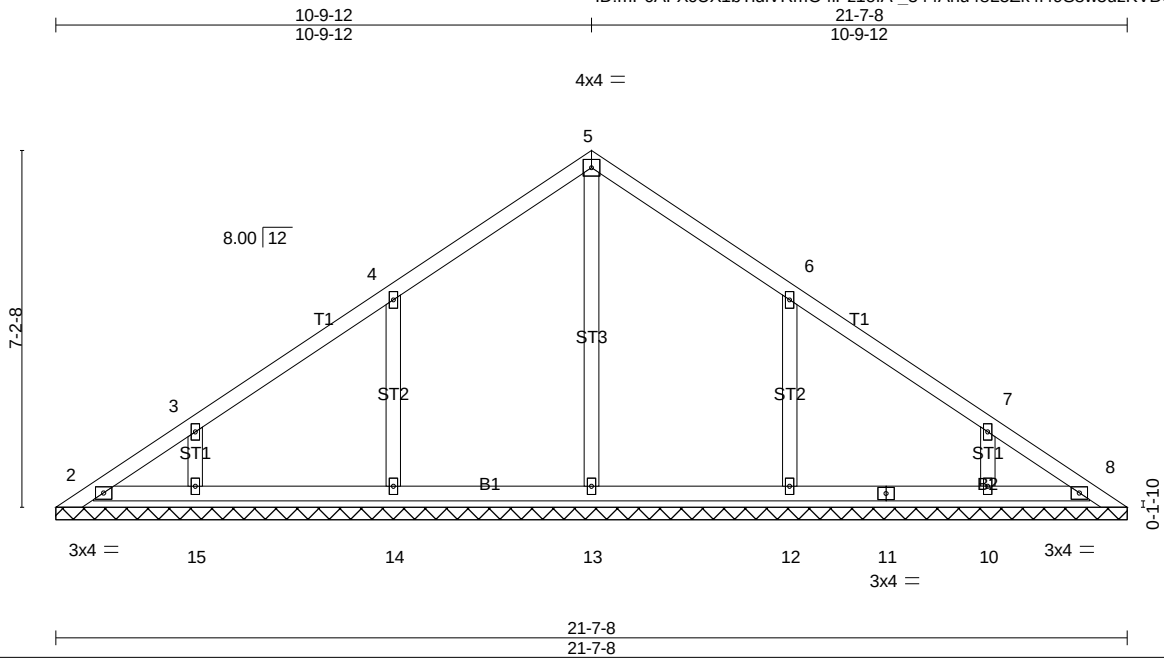

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 93 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 21-7-8.
(lb) - Max Horz 1=-188(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 2, 15, 10 except 1=-101(LC 9), 14=-129(LC 13), 12=-129(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 2, 8 except 13=378(LC 25), 14=441(LC 25), 15=283(LC 25), 12=440(LC 26), 10=282(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-14=-344/257, 3-15=-265/200, 6-12=-344/257, 7-10=-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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-3-2 to 10-3-2, Interior(1) 10-3-2 to 10-9-12, Exterior(2) 10-9-12 to 20-10-6 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 15, 10 except (jt=lb) 1=101, 14=129, 12=129.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	PA1GE	GABLE	1	1	Job Reference (optional)

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

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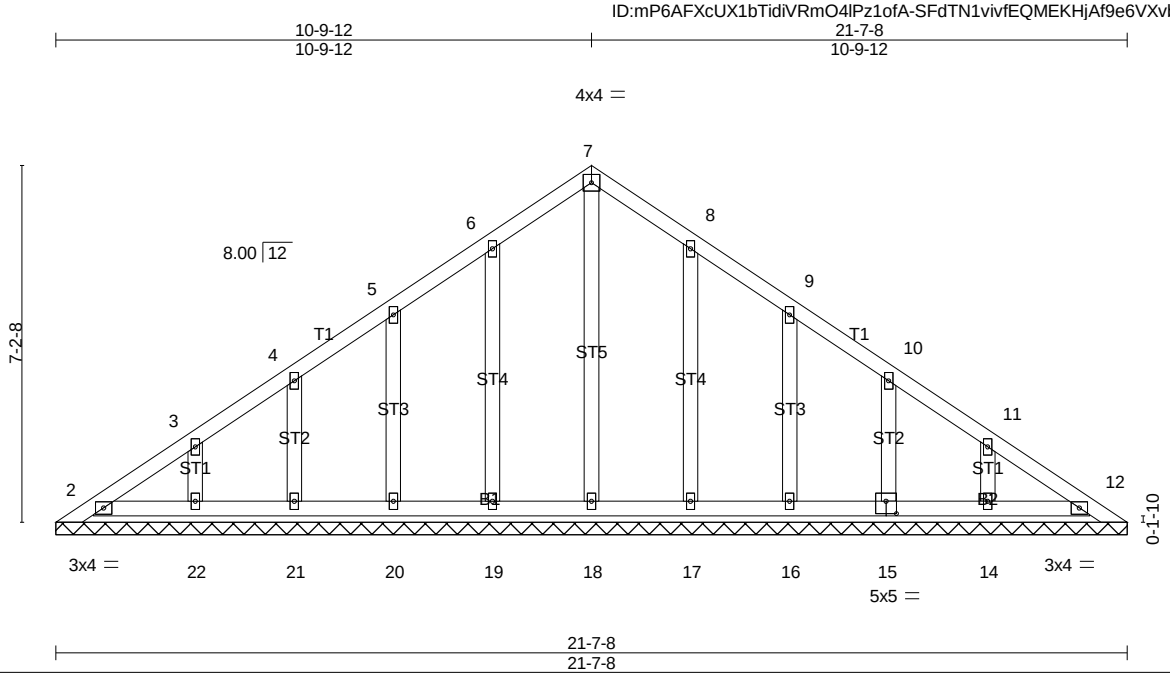

Plate Offsets (X,Y)-- [15:0-2-8,0-3-0]

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	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 116 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 21-7-8.
(lb) - Max Horz 1=188(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 13, 2, 19, 20, 21, 22, 17, 16, 15, 14 except 1=-118(LC 11)
Max Grav All reactions 250 lb or less at joint(s) 1, 13, 2, 18, 19, 20, 21, 22, 17, 16, 15, 14, 12

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-3-2 to 10-3-2, Interior(1) 10-3-2 to 10-9-12, Exterior(2) 10-9-12 to 20-10-6 zone;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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13, 2, 19, 20, 21, 22, 17, 16, 15, 14 except (jt=lb) 1=118.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	PB1	GABLE	22	1	Job Reference (optional)

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

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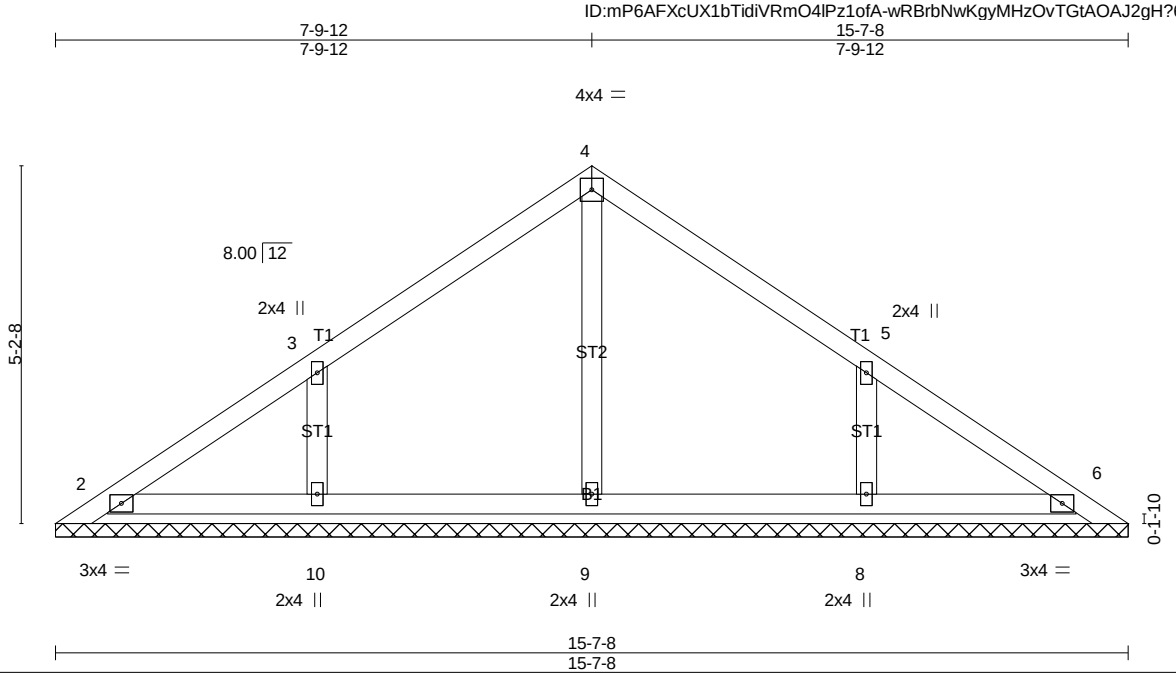

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 61 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 15-7-8.
(lb) - Max Horz 1=-134(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 7, 2, 6 except 1=-104(LC 11), 10=-119(LC 13), 8=-119(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 2, 6 except 9=325(LC 25), 10=354(LC 25), 8=353(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-316/241, 5-8=-316/241

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 2, 6 except (jt=lb) 1=104, 10=119, 8=119.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	PB1GE	GABLE	1	1	Job Reference (optional)

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

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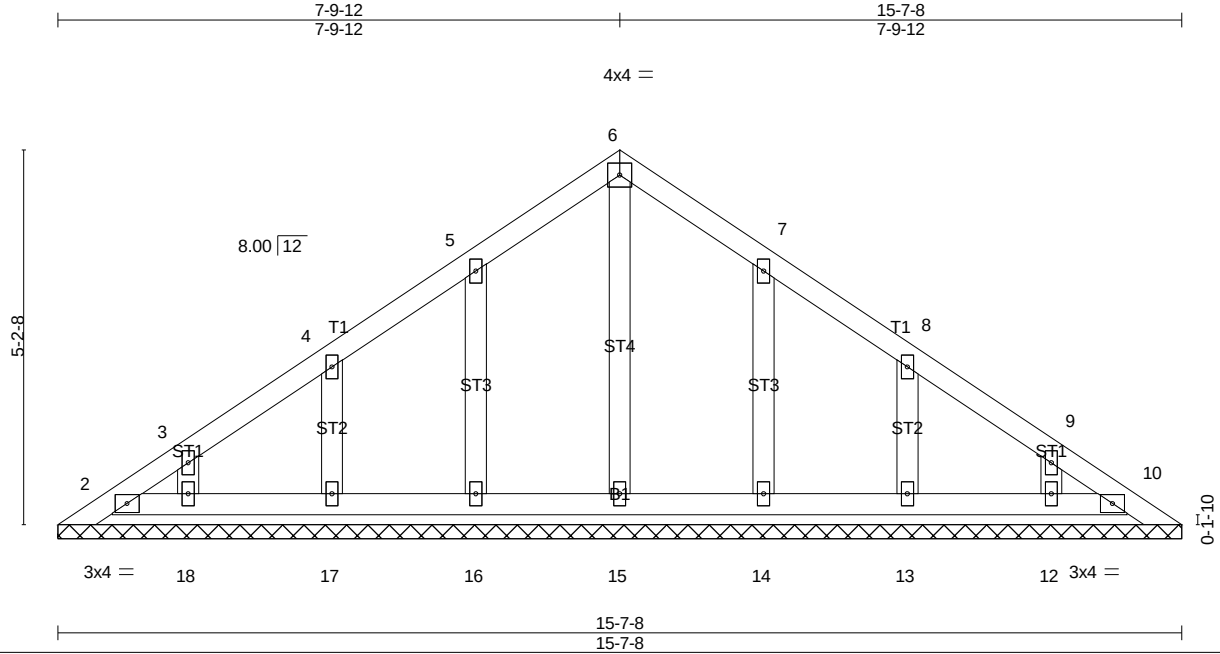

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	11	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 72 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 15-7-8.
(lb) - Max Horz 1=168(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 11, 2, 10, 18, 12 except 16=-107(LC 13), 17=-106(LC 13), 14=-105(LC 14), 13=-107(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 11, 2, 10, 15, 16, 17, 18, 14, 13, 12

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11, 2, 10, 18, 12 except (jt=lb) 16=107, 17=106, 14=105, 13=107.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	R1	Roof Special	10	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:51 2019 Page 1
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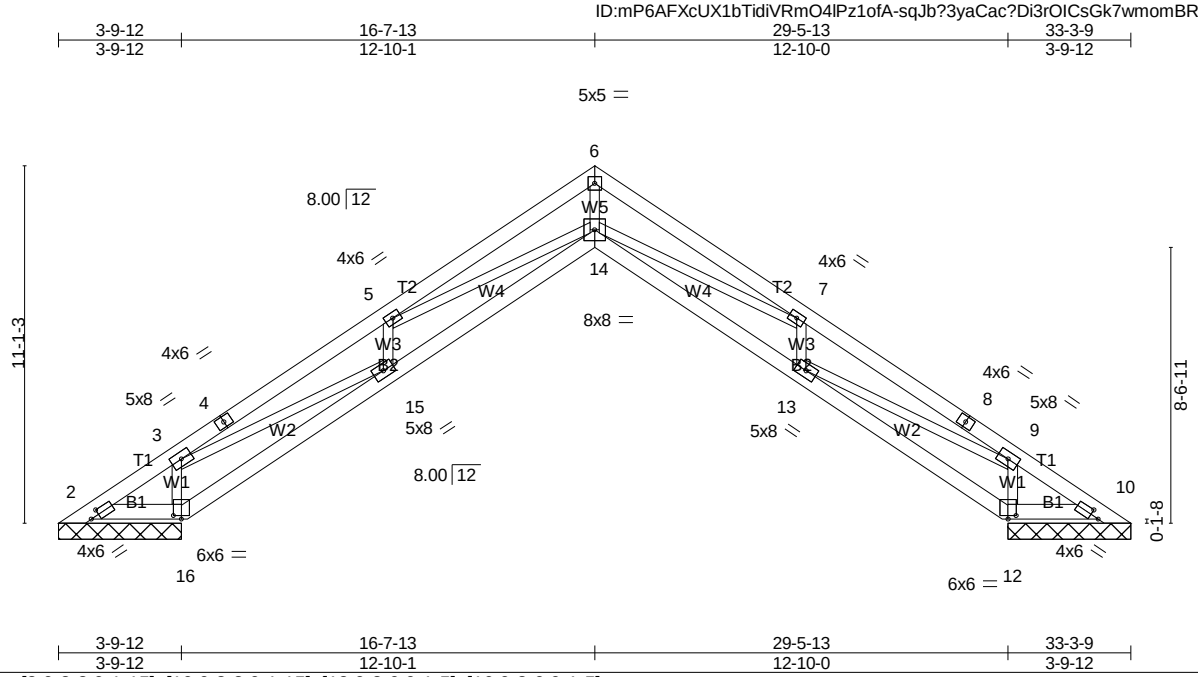

Plate Offsets (X,Y)-- [2:0-3-3,0-1-15], [10:0-3-3,0-1-15], [12:0-3-0,0-1-5], [16:0-3-0,0-1-5]

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	0.51	Vert(LL)	-0.16	14	>999	360	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.32	14	>970	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.40	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.08	14-15	>999	240		
BCDL	10.0										Weight: 233 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-1-15 oc bracing.

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

REACTIONS. All bearings 3-9-12.
(lb) - Max Horz 1=-289(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 12 except 16=-229(LC 13), 1=-113(LC 9), 11=-834(LC 2), 2=-1464(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 1, 2 except 16=2695(LC 25), 12=2109(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-357/314, 2-3=-154/2476, 3-4=-958/355, 4-17=-925/370, 5-17=-918/394, 5-6=-1934/0, 6-7=-1970/0, 7-18=-1088/414, 8-18=-1094/391, 8-9=-1127/375, 9-10=-88/1831, 10-11=-22/449
BOT CHORD 15-16=-2265/208, 14-15=-245/988, 13-14=-207/1008, 12-13=-1908/172, 2-16=-1758/120, 10-12=-1477/92
WEBS 6-14=0/1740, 7-14=-177/1014, 7-13=-595/189, 9-13=-282/2523, 9-12=-1000/383, 5-14=0/941, 5-15=-679/193, 3-15=-296/2801, 3-16=-1286/401

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-15 to 10-2-12, Interior(1) 10-2-12 to 16-7-13, Exterior(2) 16-7-13 to 26-7-13 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 1, 11, 2 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) 12 except (jt=lb) 16=229, 1=113, 11=834, 2=1464.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
9) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	S1	ROOF SPECIAL	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:52 2019 Page 1
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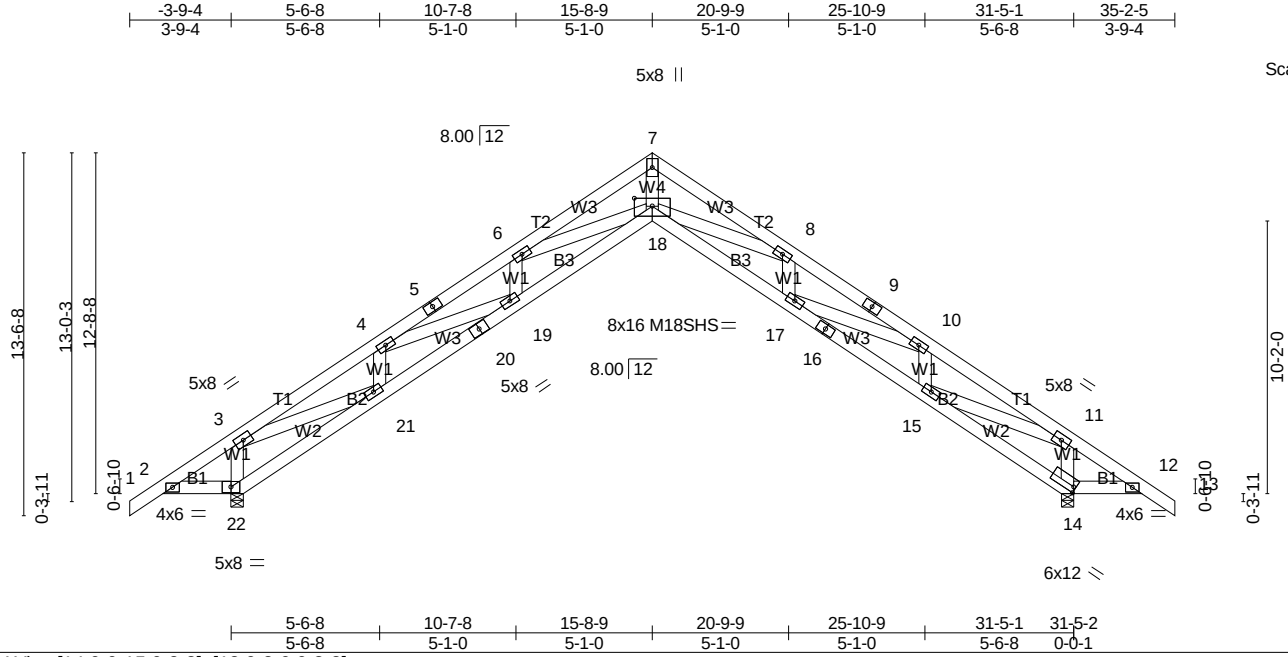

Plate Offsets (X,Y)-- [14:0-0-15,0-2-8], [18:0-8-0,0-3-8]

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	0.18	Vert(LL)	-0.36	18	>999	360	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.32	Vert(CT)	-0.72	18	>518	240	M18SHS	244/190
TCDL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	1.03	14	n/a	n/a		
BCLL	0.0	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.22	18	>999	240	Weight: 312 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E
BOT CHORD 2x6 SP 2400F 2.0E *Except*
B1: 2x6 SP No.1
WEBS 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-0 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. (size) 22=0-5-8 (min. 0-1-8), 14=0-5-8 (min. 0-1-8)
Max Horz 22=347(LC 12)
Max Uplift 22=-163(LC 13), 14=-165(LC 14)
Max Grav 22=1522(LC 2), 14=1545(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-22=-1518/445, 2-3=-188/290, 3-4=-3402/531, 4-23=-5250/428, 5-23=-5210/437, 5-6=-5192/458, 6-7=-5774/0, 7-8=-5808/0, 8-9=-4862/550, 9-24=-4884/529, 10-24=-4933/519, 10-11=-3121/554, 11-12=-206/314, 11-14=-1362/401
BOT CHORD 21-22=-367/487, 20-21=-409/3562, 19-20=-378/3581, 18-19=-238/5413, 17-18=-162/4882, 16-17=-311/3004, 15-16=-341/2983, 14-15=-242/299, 12-14=-243/261
WEBS 7-18=0/6092, 8-18=-366/938, 8-17=-532/28, 10-17=0/1690, 10-15=-893/206, 11-15=-379/2718, 6-18=-303/867, 6-19=-496/11, 4-19=0/1581, 4-21=-918/198, 3-21=-352/2772

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) -3-9-4 to 6-2-12, Interior(1) 6-2-12 to 15-8-9, Exterior(2) 15-8-9 to 25-10-9 zone; 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
3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 16.9 psf on overhangs non-concurrent with other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 4x8 MT20 unless otherwise indicated.
7) Bearing at joint(s) 22, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 22=163, 14=165.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	S2	Roof Special	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:53 2019 Page 1
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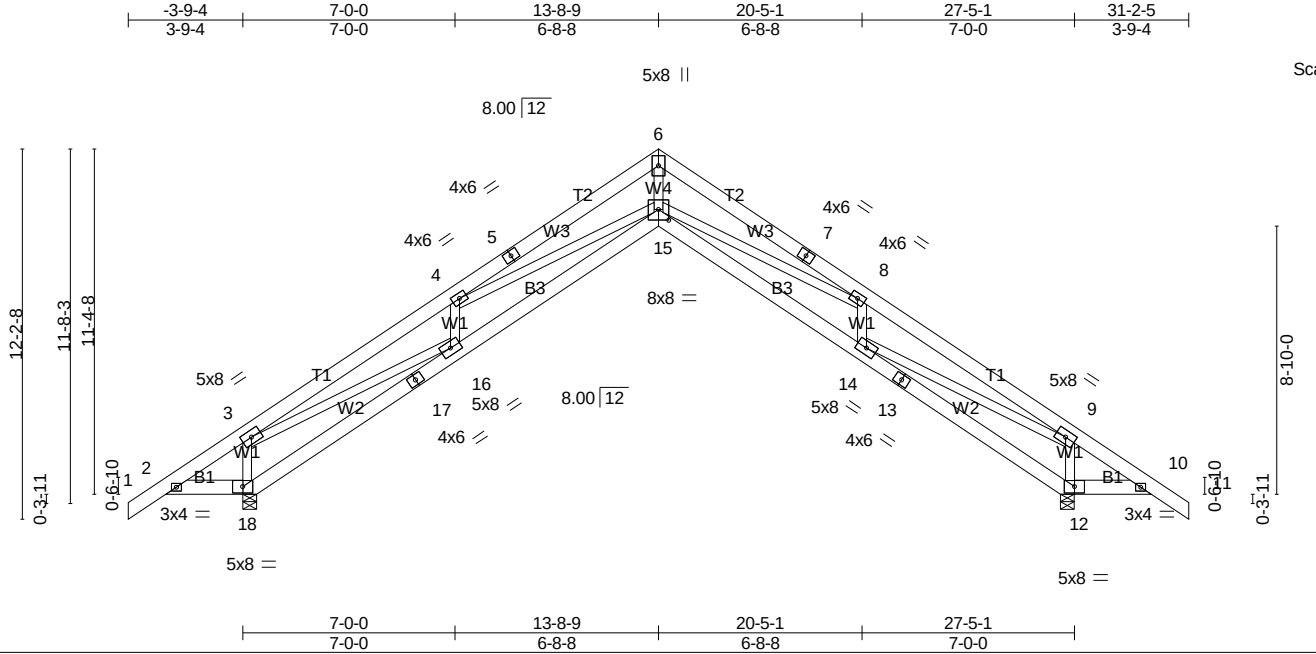

Plate Offsets (X,Y)-- [15:0-4-0,0-4-4]

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	0.41	Vert(LL)	-0.34	15	>970	360	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.69	15	>480	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.95	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.20	15-16	>999	240		
BCDL	10.0										Weight: 245 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W4: 2x4 SP No.1, W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 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. (size) 18=0-5-8 (min. 0-1-8), 12=0-5-8 (min. 0-1-8)
Max Horz 18=314(LC 12)
Max Uplift 18=-149(LC 13), 12=-149(LC 14)
Max Grav 18=1374(LC 2), 12=1374(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-18=-1340/449, 2-3=-266/208, 3-19=-3519/330, 19-20=-3411/331, 4-20=-3350/352, 4-5=-4520/0, 5-6=-4422/0, 6-7=-4475/0, 7-8=-4546/0, 8-21=-3165/422, 21-22=-3192/400, 9-22=-3325/399, 9-10=-267/208, 9-12=-1290/431
BOT CHORD 17-18=-337/485, 16-17=-295/503, 15-16=-306/3649, 14-15=-204/3220, 13-14=-12/311, 12-13=-74/302, 2-18=-101/283, 10-12=-103/285
WEBS 6-15=0/4591, 8-15=-269/1321, 8-14=-639/188, 9-14=-271/2774, 4-15=0/960, 4-16=-673/175, 3-16=-239/2871

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) -3-9-4 to 6-2-12, Interior(1) 6-2-12 to 13-8-9, Exterior(2) 13-8-9 to 23-8-9 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 16.9 psf on overhangs non-concurrent with other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 18, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=149, 12=149.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	S3	Roof Special	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:54 2019 Page 1
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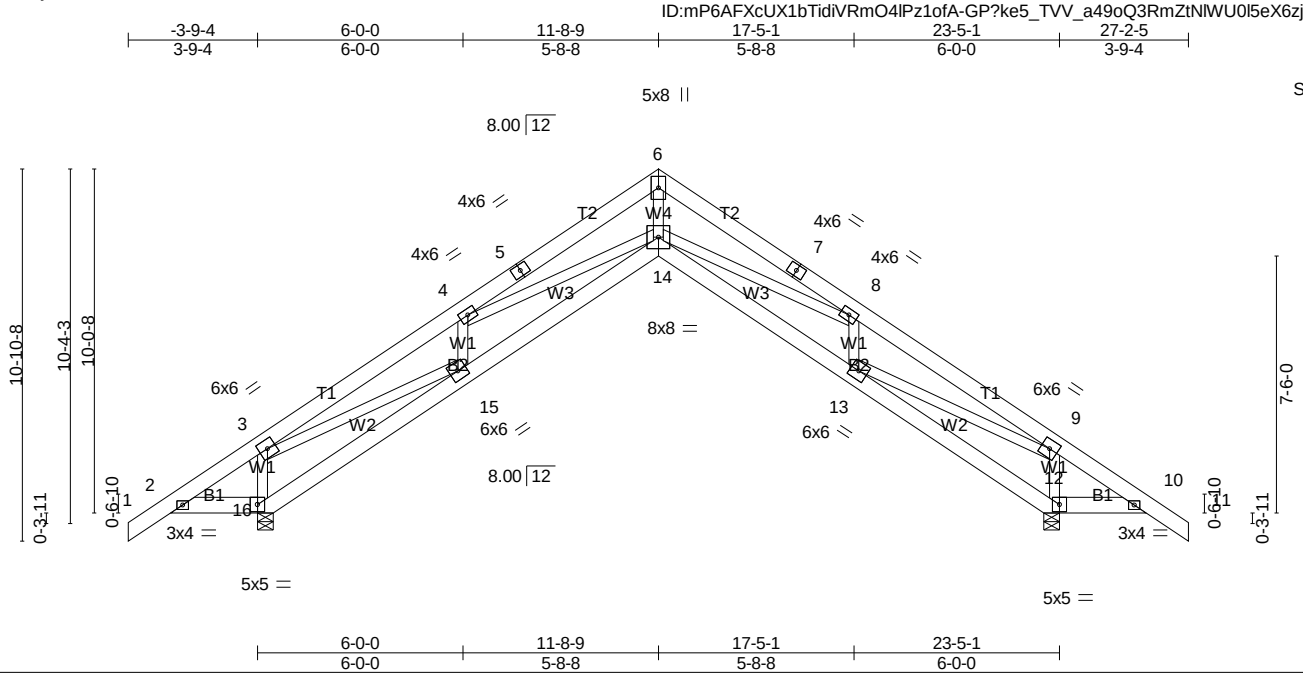

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	-0.18	14	>999	360	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.37	14	>762	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.51	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.10	14	>999	240	Weight: 215 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W4: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-1 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. (size) 16=0-5-8 (min. 0-1-8), 12=0-5-8 (min. 0-1-8)
Max Horz 16=-279(LC 11)
Max Uplift16=-134(LC 13), 12=-134(LC 14)
Max Grav 16=1214(LC 2), 12=1214(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-16=-1134/378, 2-3=-289/246, 3-17=-2527/191, 4-17=-2434/220, 4-5=-3260/0, 5-6=-3177/0, 6-7=-3223/0, 7-8=-3282/0, 8-18=-2306/257, 9-18=-2367/221, 9-10=-290/246, 9-12=-1083/361
BOT CHORD 15-16=-308/429, 14-15=-210/2640, 13-14=-49/2277, 12-13=-113/353, 2-16=-156/312, 10-12=-158/313
WEBS 6-14=0/3254, 8-14=-200/955, 8-13=-543/150, 9-13=-164/1992, 4-14=-17/698, 4-15=-572/146, 3-15=-164/2063

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) -3-9-4 to 6-0-0, Interior(1) 6-0-0 to 11-8-9, Exterior(2) 11-8-9 to 21-8-9 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 16.9 psf on overhangs non-concurrent with other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 16, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=134, 12=134.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	S4	Roof Special Structural Gable	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:54 2019 Page 1
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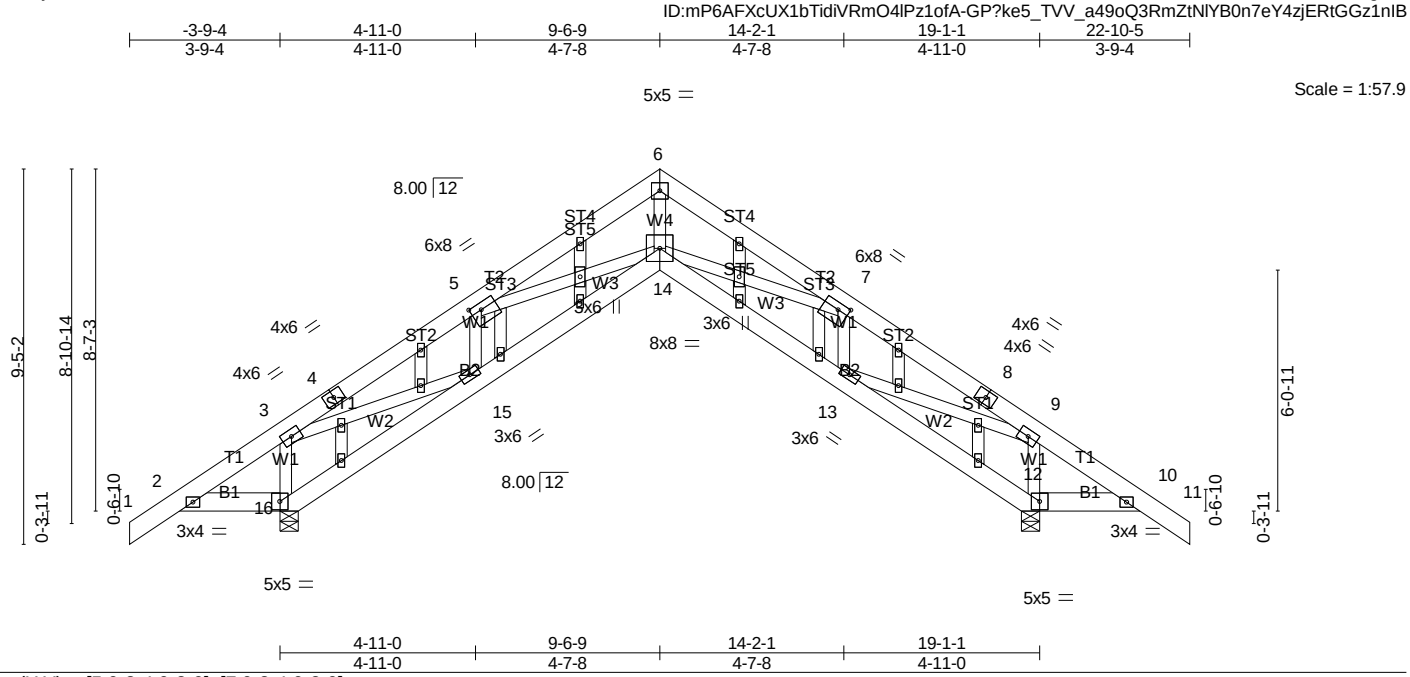

Plate Offsets (X,Y)-- [5:0-3-4,0-2-0], [7:0-3-4,0-2-0]

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	0.12	Vert(LL)	-0.08	14	>999	360	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.16	14	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.22	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S		Wind(LL)	0.04	14	>999	240		
BCDL	10.0										Weight: 197 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-10 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. (size) 16=0-5-8 (min. 0-1-8), 12=0-5-8 (min. 0-1-8)
Max Horz 16=-240(LC 11)
Max Uplift16=-119(LC 13), 12=-119(LC 14)
Max Grav 16=1040(LC 2), 12=1040(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-16=-918/309, 2-35=-312/262, 3-35=-295/283, 3-4=-1625/110, 4-5=-1550/134, 5-36=-2114/0, 6-36=-2047/0, 6-37=-2084/0, 7-37=-2132/0, 7-8=-1504/99, 8-9=-1534/71, 9-38=-296/283, 10-38=-313/262, 9-12=-869/292
BOT CHORD 15-16=-291/359, 14-15=-164/1723, 13-14=0/1444, 12-13=-184/392, 2-16=-206/340, 10-12=-208/341
WEBS 6-14=0/2050, 7-14=-142/625, 7-13=-440/106, 9-13=-70/1303, 5-14=-58/483, 5-15=-465/118, 3-15=-108/1350

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) -3-9-4 to 6-2-12, Interior(1) 6-2-12 to 9-6-9, Exterior(2) 9-6-9 to 19-6-9 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 16.9 psf on overhangs non-concurrent with other live loads.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 16, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=119, 12=119.

Continued on page 2

NOTES-

11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB1	Roof Special	1	1	Job Reference (optional)

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

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14-0-15 | 15-7-8 | 14-0-15

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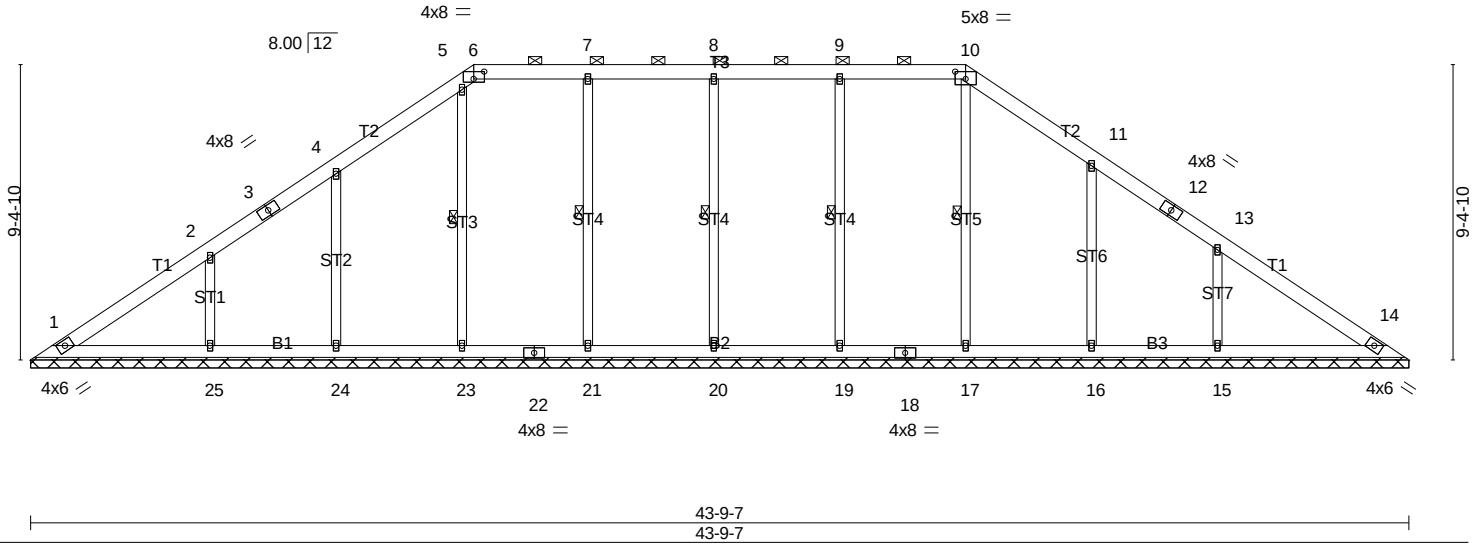


43-9-7
43-9-7

Plate Offsets (X,Y)-- [6:0-4-0,0-2-13], [10:0-4-0,0-2-13]

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	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	14	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 302 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-10.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 10-17, 9-19, 8-20, 7-21, 5-23

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

REACTIONS. All bearings 43-9-7.
(lb) - Max Horz 1=-239(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 19, 20, 21, 23 except 24=-117(LC 13), 25=-147(LC 13), 16=-110(LC 14), 15=-157(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 14 except 17=366(LC 31), 19=422(LC 4), 20=410(LC 4), 21=413(LC 4), 23=411(LC 24), 24=454(LC 24), 25=485(LC 24), 16=453(LC 25), 15=520(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-26=-203/255, 5-6=-232/257, 6-27=-230/263, 7-27=-230/263, 7-8=-230/263, 8-9=-230/263, 9-28=-230/262, 10-28=-230/262, 10-29=-214/254
WEBS 9-19=-269/166, 8-20=-253/173, 7-21=-258/146, 4-24=-315/238, 2-25=-396/294, 11-16=-303/226, 13-15=-420/312

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-9-1 to 10-9-1, Interior(1) 10-9-1 to 14-0-15, Exterior(2) 14-0-15 to 43-0-5 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 19, 20, 21, 23 except (jt=lb) 24=117, 25=147, 16=110, 15=157.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

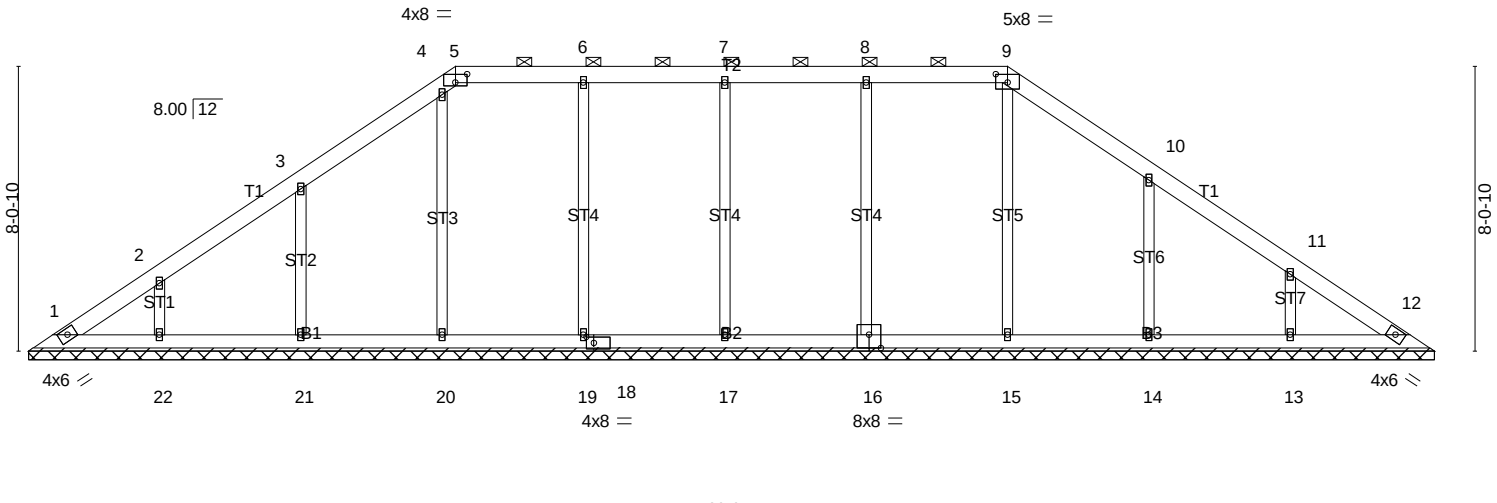
Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB2	Roof Special	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:56 2019 Page 1
ID:mP6AFXcUX1bTidiVRmO4lPz1ofA-Dn6U3m?j06EHJTxpBro1znquTpW46ZxGAYwzK9z1nI9

12-0-15 | 27-8-7 | 39-9-7
12-0-15 | 15-7-8 | 12-0-15

Scale = 1:65.2



39-9-7
39-9-7

Plate Offsets (X,Y)-- [5:0-4-0,0-2-13], [9:0-4-0,0-2-13], [16:0-4-0,0-4-8], [18:0-2-9,0-2-0]

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	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.29	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 264 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-9.
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 39-9-7.
(lb) - Max Horz 1=-203(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1, 16, 17, 19, 20 except 21=-129(LC 13), 22=-107(LC 13), 14=-124(LC 14), 13=-114(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 12 except 15=363(LC 31), 16=423(LC 4), 17=413(LC 4), 19=411(LC 4), 20=411(LC 24), 21=427(LC 24), 22=326(LC 24), 14=466(LC 25), 13=352(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 8-16=-271/167, 7-17=-253/171, 6-19=-259/148, 3-21=-344/259, 2-22=-293/218, 10-14=-338/251, 11-13=-310/231

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-9-1 to 10-9-1, Interior(1) 10-9-1 to 12-0-15, Exterior(2) 12-0-15 to 39-0-5 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 16, 17, 19, 20 except (jt=lb) 21=129, 22=107, 14=124, 13=114.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB3	Roof Special	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:57 2019 Page 1
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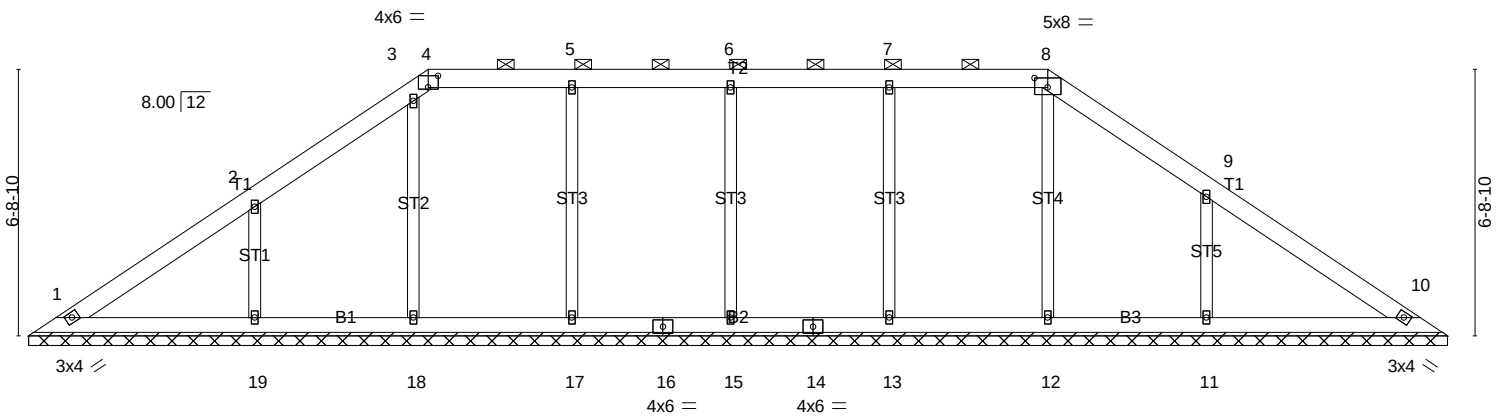
10-0-15 | 25-8-7 | 35-9-7
10-0-15 | 15-7-8 | 10-0-15

Scale = 1:58.1



35-9-7
35-9-7

Plate Offsets (X,Y)-- [4:0-3-0,0-3-8], [8:0-4-0,0-2-13]

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	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	21.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 225 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-8.
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 35-9-7.
(lb) - Max Horz 1=-167(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 13, 15, 17, 18 except 19=-161(LC 13), 11=-167(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 10 except 12=337(LC 31), 13=429(LC 4), 15=407(LC 4), 17=419(LC 4), 18=376(LC 24), 19=498(LC 24), 11=538(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-13=-274/171, 6-15=-251/169, 5-17=-263/155, 2-19=-420/310, 9-11=-440/322

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-9-1 to 24-2-11, Interior(1) 24-2-11 to 25-8-7, Exterior(2) 25-8-7 to 35-0-5 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=21.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1, Lu=50-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 13, 15, 17, 18 except (jt=lb) 19=161, 11=167.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB4	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:58 2019 Page 1
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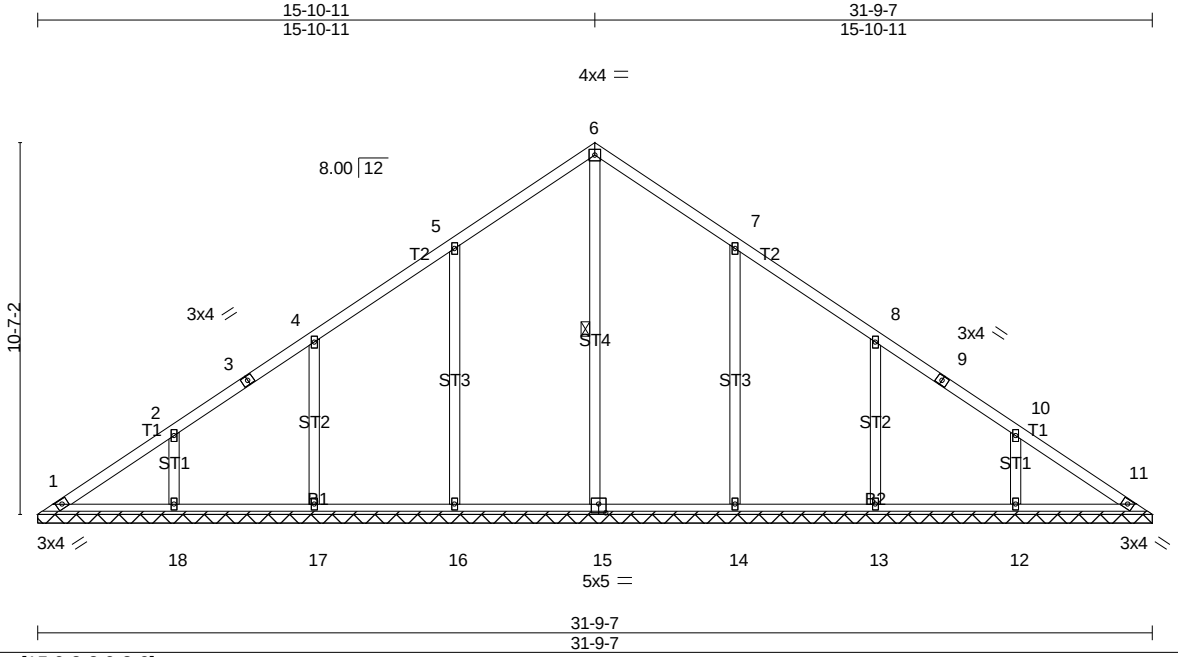

Plate Offsets (X,Y)-- [15:0-2-8,0-3-0]

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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 159 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-15

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

REACTIONS. All bearings 31-9-7.
(lb) - Max Horz 1=274(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 16=-123(LC 13), 17=-111(LC 13), 18=-118(LC 13), 14=-125(LC 14), 13=-111(LC 14), 12=-118(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 15=395(LC 27), 16=499(LC 24), 17=447(LC 24), 18=367(LC 24), 14=490(LC 25), 13=450(LC 25), 12=366(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-258/217, 5-6=-291/296, 6-7=-292/298
WEBS 5-16=-332/250, 4-17=-313/236, 2-18=-320/236, 7-14=-332/250, 8-13=-313/236, 10-12=-320/236

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-5-12 to 10-5-12, Interior(1) 10-5-12 to 15-10-11, Exterior(2) 15-10-11 to 25-10-11 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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 except (jt=lb) 16=123, 17=111, 18=118, 14=125, 13=111, 12=118.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB5	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:58 2019 Page 1
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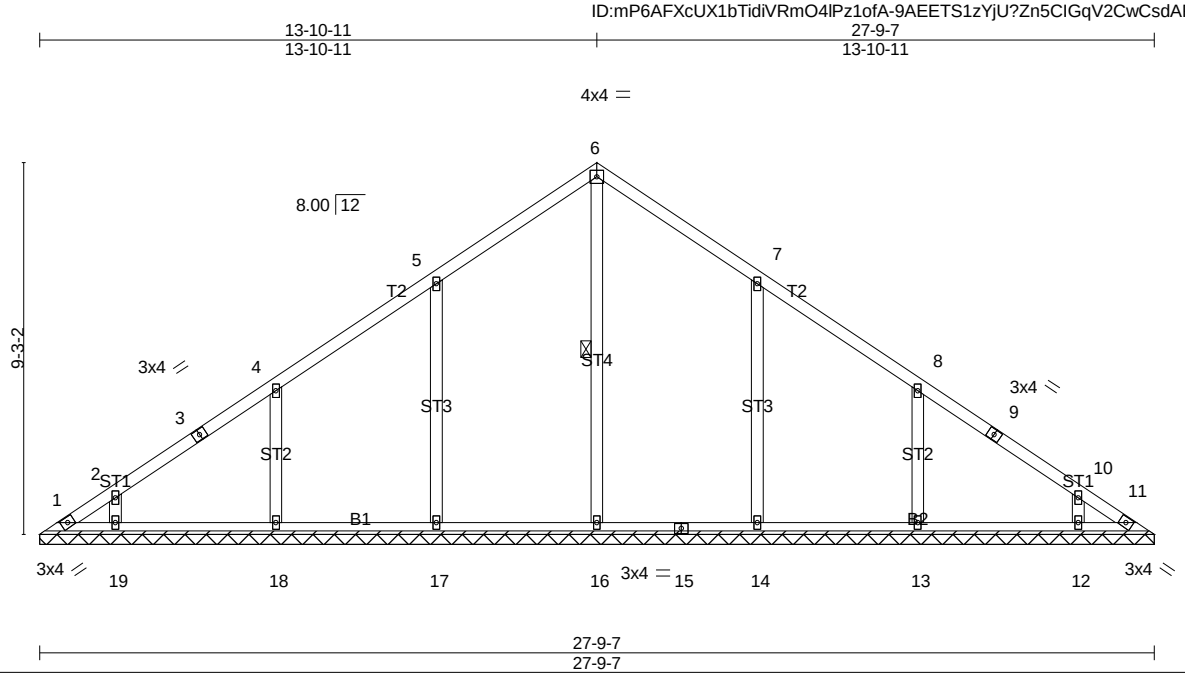

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 132 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-16

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

REACTIONS. All bearings 27-9-7.
(lb) - Max Horz 1=-239(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 19, 12, 11 except 1=-103(LC 11), 17=-124(LC 13), 18=-115(LC 13), 14=-123(LC 14), 13=-115(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 11 except 16=381(LC 27), 17=496(LC 24), 18=407(LC 24), 19=282(LC 24), 14=495(LC 25), 13=408(LC 25), 12=282(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-20=-257/238, 6-20=-233/262, 6-21=-233/262, 7-21=-257/238
WEBS 5-17=-331/250, 4-18=-322/245, 2-19=-268/200, 7-14=-331/250, 8-13=-322/245, 10-12=-268/200

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-5-12 to 10-5-12, Interior(1) 10-5-12 to 13-10-11, Exterior(2) 13-10-11 to 23-10-11 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 19, 12, 11 except (jt=lb) 1=103, 17=124, 18=115, 14=123, 13=115.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB6	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:29:59 2019 Page 1
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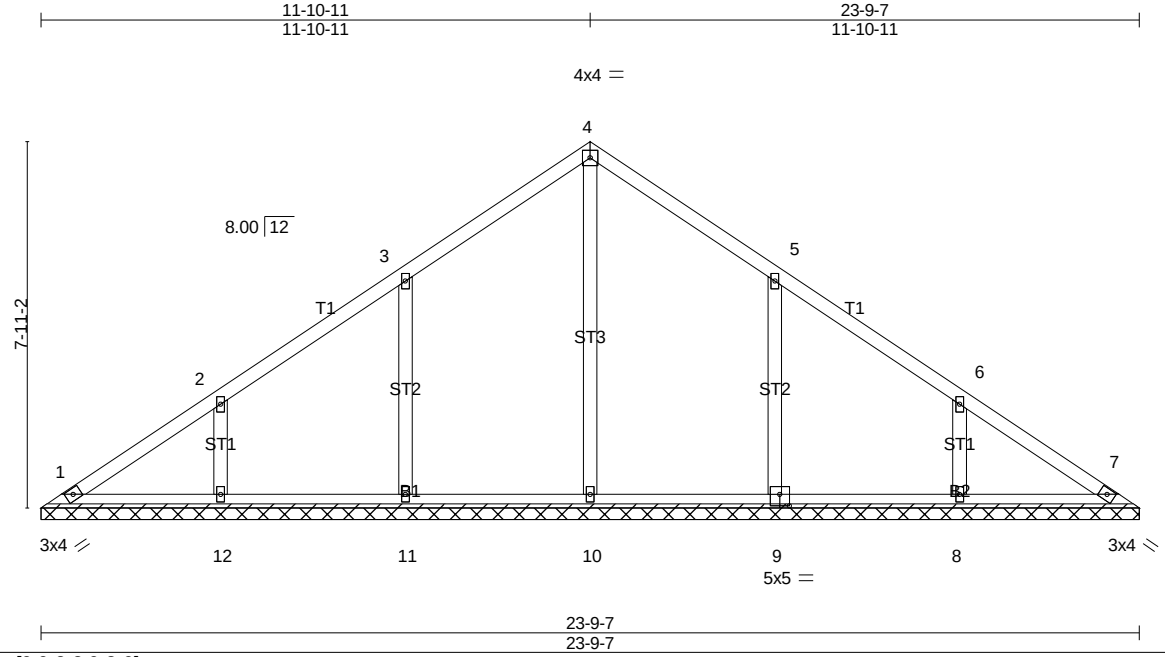

Plate Offsets (X,Y)-- [9:0-2-8,0-3-0]

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	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 107 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 23-9-7.
(lb) - Max Horz 1=-203(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 11=-125(LC 13), 12=-115(LC 13), 9=-127(LC 14), 8=-116(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=381(LC 27), 11=472(LC 24), 12=361(LC 24), 9=477(LC 25), 8=357(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-334/251, 2-12=-315/234, 5-9=-338/255, 6-8=-315/234

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 0-5-12 to 10-5-12, Interior(1) 10-5-12 to 11-10-11, Exterior(2) 11-10-11 to 21-10-11 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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 except (jt=lb) 11=125, 12=115, 9=127, 8=116.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB7	Valley	1	1	Job Reference (optional)

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

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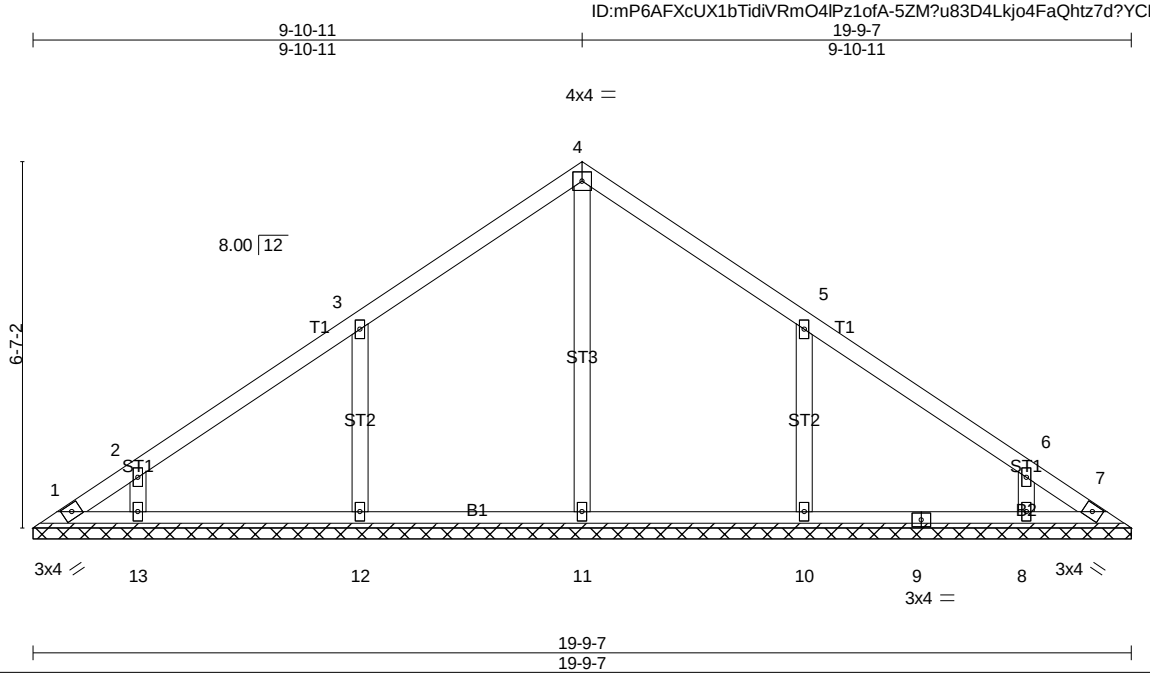

LOADING (psf)

TCLL (roof)	20.0
Snow (Pf/Pg)	16.9/20.0
TCDL	10.0
BCLL	0.0 *
BCDL	10.0

SPACING-	2-0-0
Plate Grip DOL	1.15
Lumber DOL	1.15
Rep Stress Incr	YES
Code	IBC2015/TPI2014

CSI.	
TC	0.15
BC	0.14
WB	0.13
Matrix-S	

DEFL.	in	(loc)	l/defl	L/d
Vert(LL)	n/a	-	n/a	999
Vert(CT)	n/a	-	n/a	999
Horz(CT)	0.00	7	n/a	n/a

PLATES	**GRIP**
MT20	244/190

Weight: 84 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 19-9-7.
(lb) - Max Horz 1=-167(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 13, 8 except 12=-129(LC 13), 10=-129(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=376(LC 24), 12=432(LC 24), 13=272(LC 24), 10=432(LC 25), 8=273(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-345/257, 2-13=-259/196, 5-10=-345/257, 6-8=-259/196

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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, 13, 8 except (jt=lb) 12=129, 10=129.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB8	Valley	1	1	Job Reference (optional)

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

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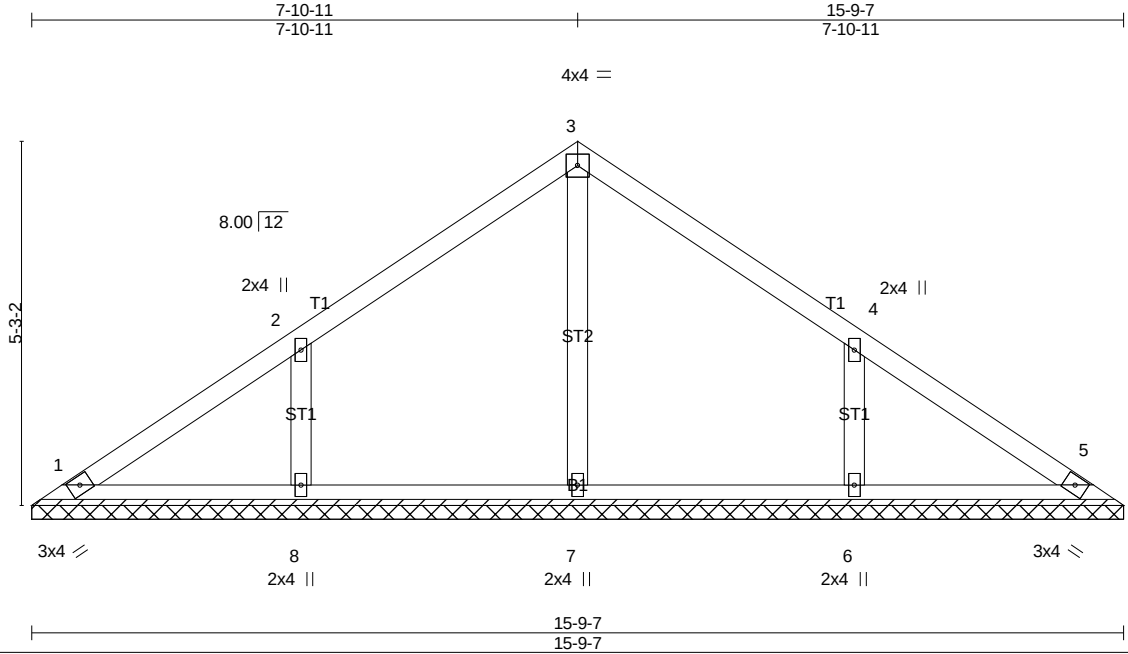

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 63 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 15-9-7.
(lb) - Max Horz 1=-132(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-130(LC 13), 6=-129(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=328(LC 24), 8=389(LC 24), 6=389(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-341/254, 4-6=-341/254

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=130, 6=129.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB9	Valley	1	1	Job Reference (optional)

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

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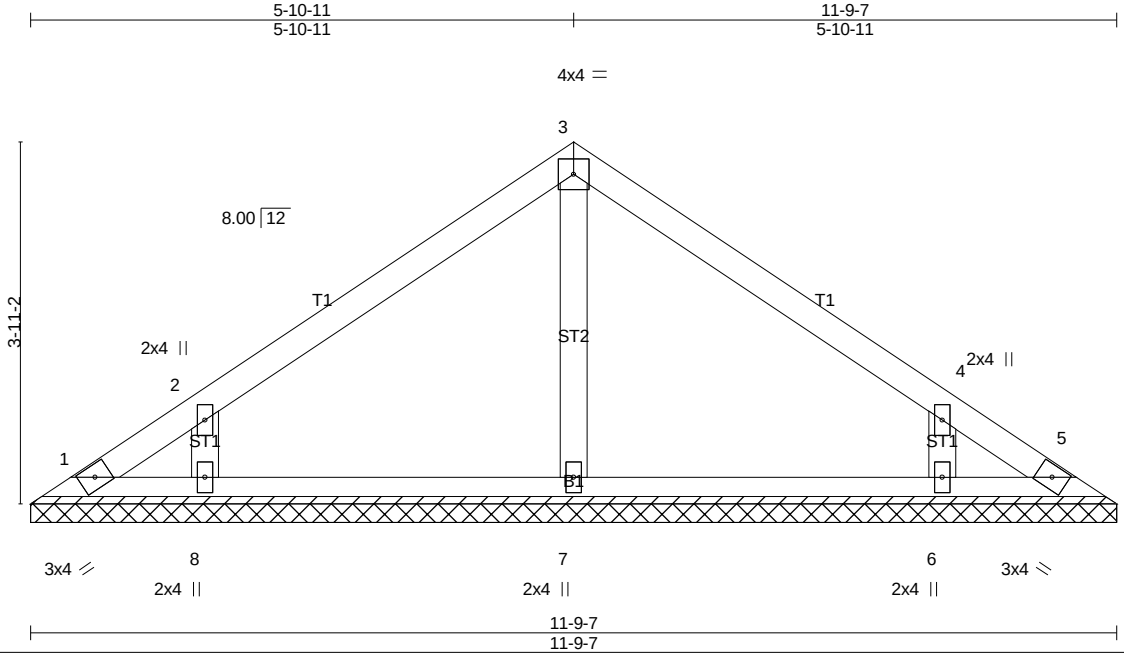

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 44 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 11-9-7.
(lb) - Max Horz 1=96(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-114(LC 13), 6=-114(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=261(LC 2), 8=323(LC 24), 6=323(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-306/239, 4-6=-306/239

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 8=114, 6=114.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VB10	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:30:01 2019 Page 1
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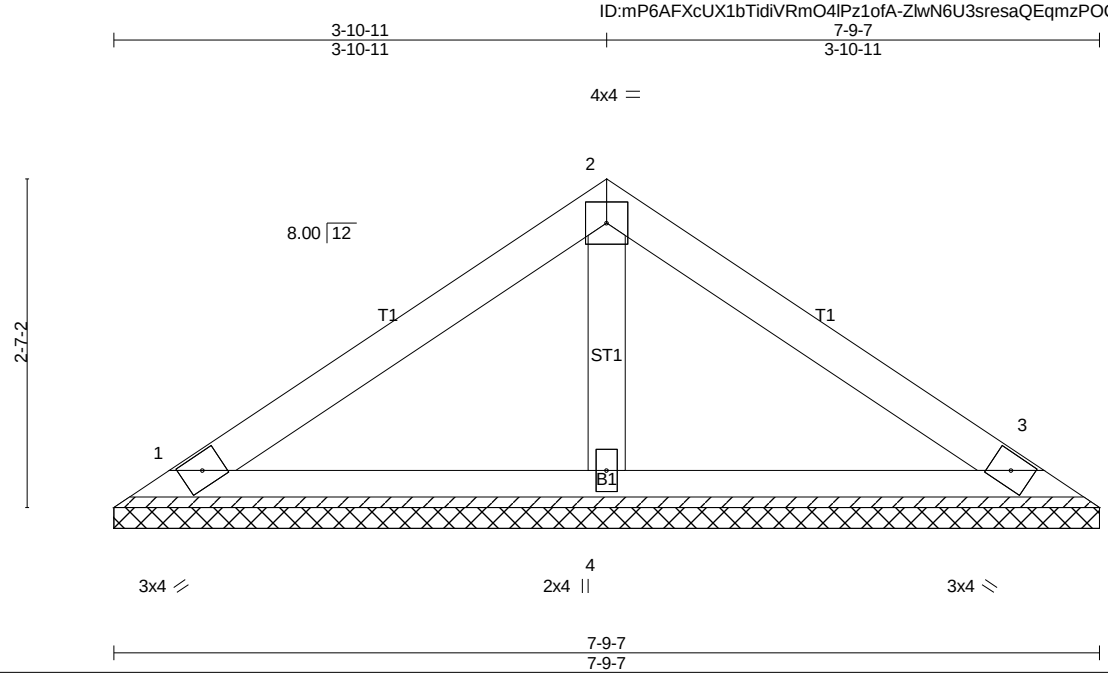

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-P							Weight: 27 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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=7-9-7 (min. 0-1-8), 3=7-9-7 (min. 0-1-8), 4=7-9-7 (min. 0-1-8)
Max Horz 1=-61(LC 9)
Max Uplift1=-31(LC 13), 3=-37(LC 14)
Max Grav 1=149(LC 2), 3=149(LC 2), 4=247(LC 2)

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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 Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VC1	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:30:02 2019 Page 1
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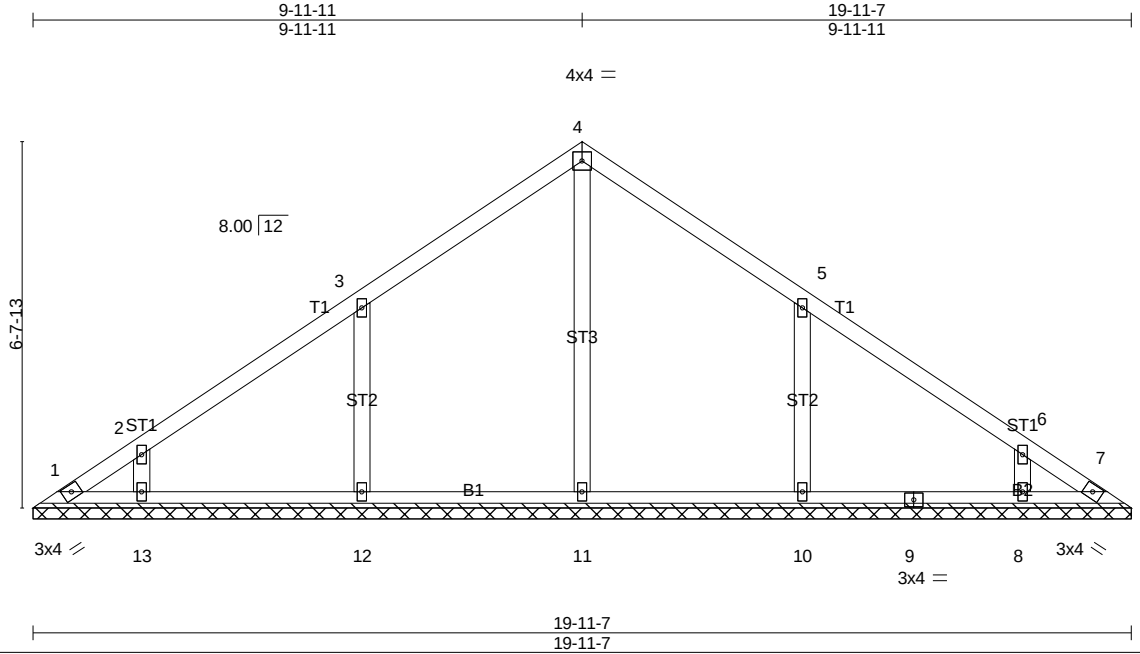

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 85 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 19-11-7.
(lb) - Max Horz 1=-169(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 13, 8 except 12=-129(LC 13), 10=-129(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=377(LC 24), 12=441(LC 24), 13=273(LC 24), 10=441(LC 25), 8=273(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-345/257, 2-13=-259/195, 5-10=-345/257, 6-8=-259/195

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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, 13, 8 except (jt=lb) 12=129, 10=129.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VC2	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:30:03 2019 Page 1
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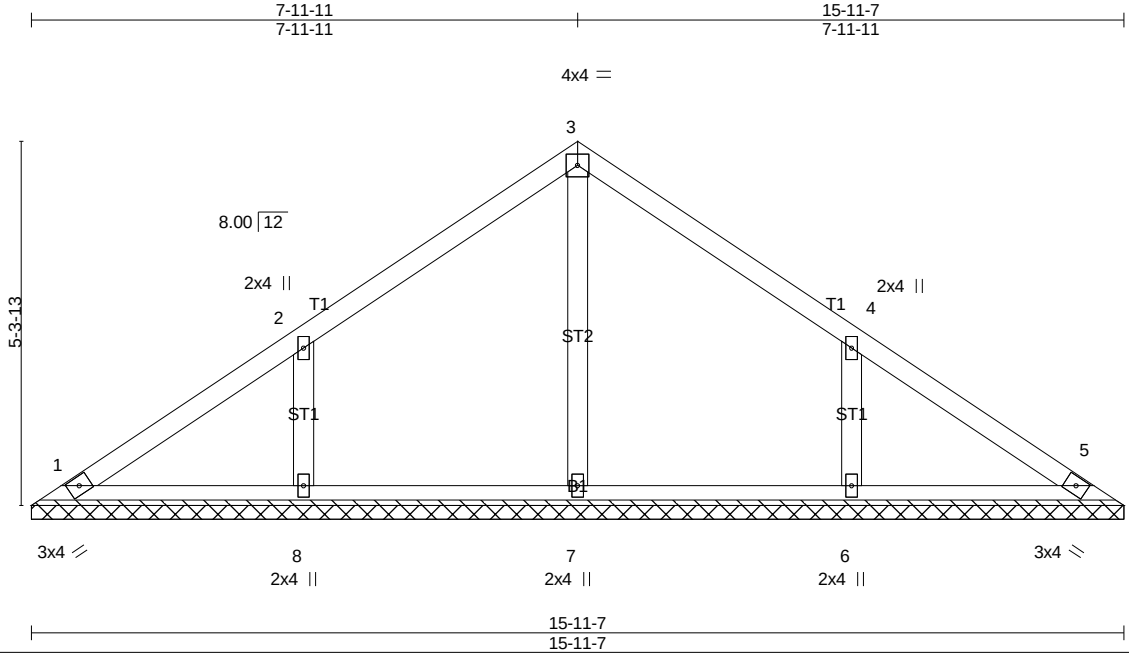

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 64 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 15-11-7.
(lb) - Max Horz 1=-133(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-131(LC 13), 6=-131(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=330(LC 24), 8=395(LC 24), 6=395(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-344/257, 4-6=-344/257

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=131, 6=131.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VC3	Valley	1	1	Job Reference (optional)

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

Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:30:03 2019 Page 1
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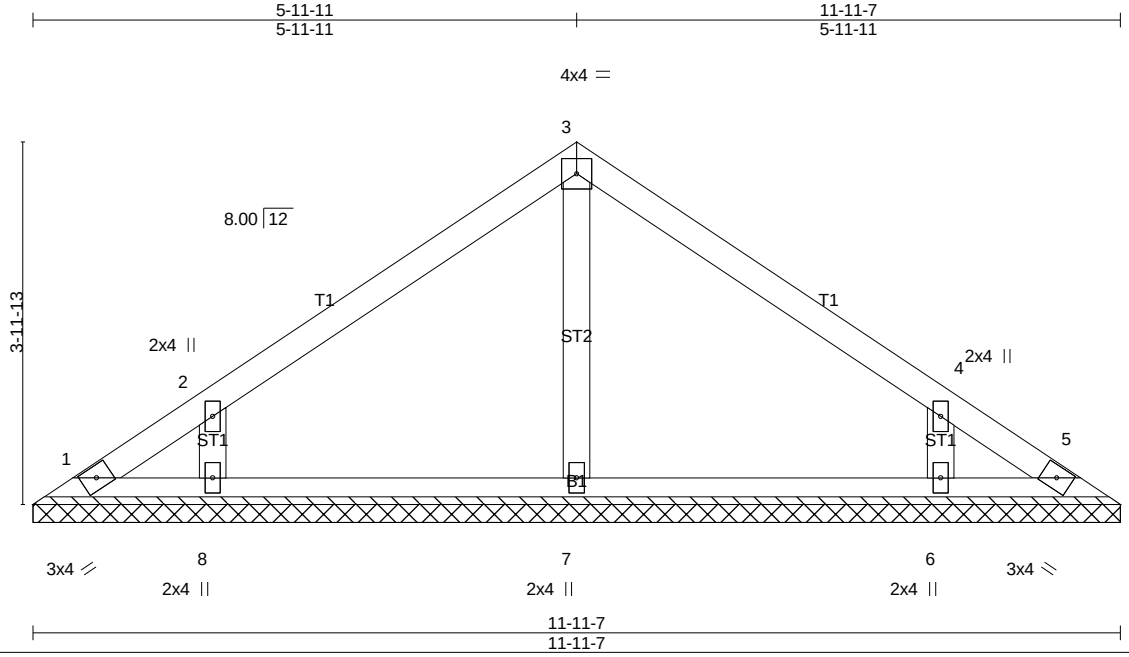

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-S							Weight: 45 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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 11-11-7.
(lb) - Max Horz 1=-98(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-114(LC 13), 6=-113(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=261(LC 2), 8=322(LC 24), 6=321(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-304/237, 4-6=-304/237

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 8=114, 6=113.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FULL GOSPEL HDQTRS
B0619-3023	VC4	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis — Run: 8.120 s Jun 27 2017 Print: 8.120 s Jun 27 2017 MiTek Industries, Inc. Fri Jun 28 11:30:04 2019 Page 1
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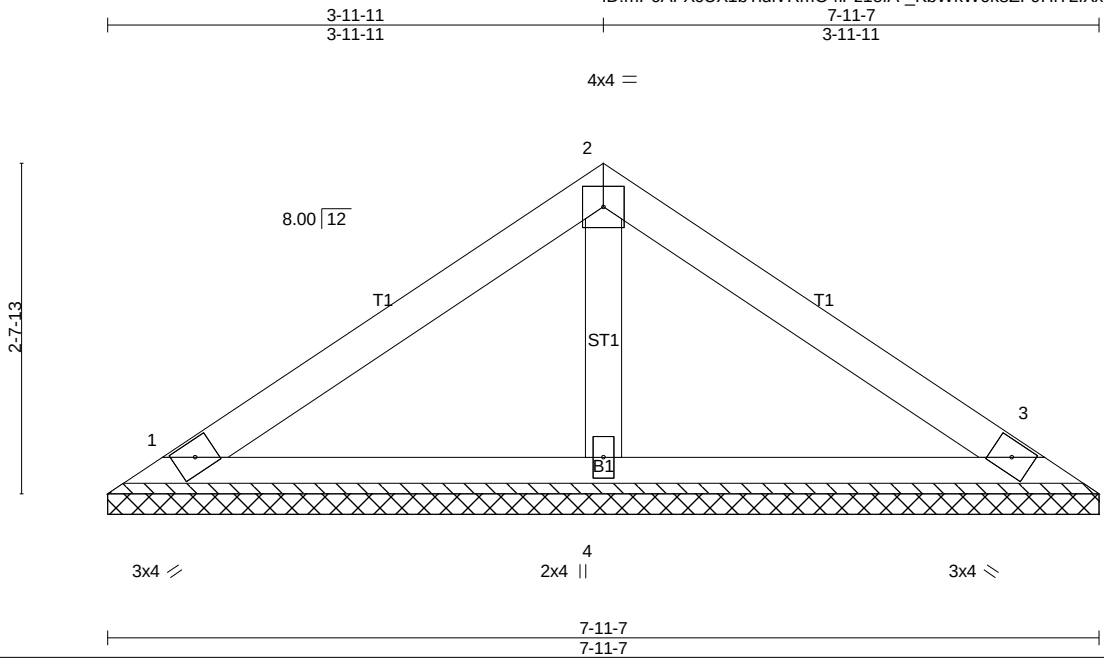

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf/Pg)	16.9/20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-P							Weight: 27 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
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 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=7-11-7 (min. 0-1-8), 3=7-11-7 (min. 0-1-8), 4=7-11-7 (min. 0-1-8)
Max Horz 1=62(LC 10)
Max Uplift1=-32(LC 13), 3=-38(LC 14)
Max Grav 1=153(LC 2), 3=153(LC 2), 4=253(LC 2)

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=25ft; Cat. III; Exp C; enclosed; MWFRS (envelope) and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=16.9 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category III; Exp C; Partially Exp.; Ct=1.1
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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 Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard