ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: J1016-5166
Campbell Pointe Bldg. 21

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: E9971845 thru E9971898

My license renewal date for the state of North Carolina is December 31, 2016.

North Carolina COA: C-0844

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

October 31,2016

Gilbert, Eric

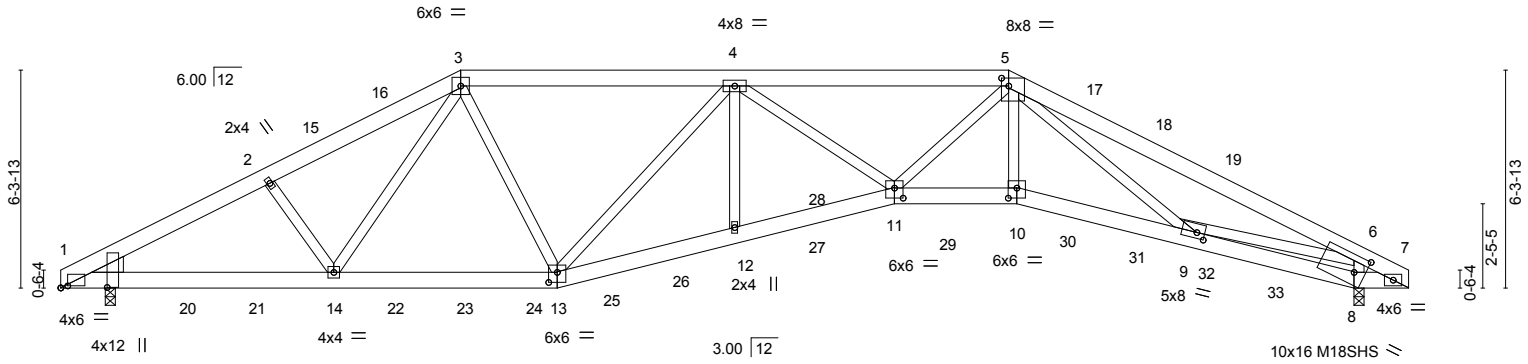
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdictions(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to Trenco. Any project specific information included is for Trenco's customer's file reference purpose only, and was not taken into account in the preparation of these designs. Trenco has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of the design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A01	HIP GIRDER	1	2	E9971845
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:44 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-33p17AlvgqnkNMXZnx9wVfEygP6DGAbKrzARlfyNz2z

6-0-12	11-7-3	19-6-8	27-5-13	37-6-0	39-1-0
6-0-12	5-6-7	7-11-5	7-11-5	10-0-3	1-7-0

Scale = 1:66.8



1-3-8	7-11-0	14-4-12	19-6-8	24-2-1	27-8-11	32-7-5	37-6-0	37-9-8	39-1-0
1-3-8	6-7-8	6-5-12	5-1-12	4-7-9	3-6-9	4-10-11	4-10-11	0-3-8	1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [5:0-2-8,0-2-12], [8:0-3-12,0-5-12], [9:0-2-12,0-2-0], [10:0-3-0,0-3-8], [11:0-3-0,0-3-8], [13:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.15	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(TL)	-0.42	11-12	>999	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(TL)	0.22	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.13	11-12	>999	240	Weight: 543 lb	FT = 20%

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

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.

REACTIONS. (lb/size) 8=2925/0-3-8, 1=2981/0-3-8
Max Horz 1=75(LC 4)
Max Uplift 8=-360(LC 3), 1=-378(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5584/754, 2-3=-5368/732, 3-4=-4135/509, 4-5=-6656/736, 5-6=-6241/735, 6-7=-1423/387
BOT CHORD 1-14=-700/4916, 13-14=-500/3908, 12-13=-608/5716, 11-12=-602/5724, 10-11=-675/5948, 9-10=-717/6305, 8-9=-371/1060, 7-8=-439/1521
WEBS 2-14=-342/205, 3-14=-279/1544, 3-13=0/739, 4-13=-2114/211, 4-12=0/478, 4-11=-144/1404, 5-11=-1/1107, 5-10=-153/1830, 5-9=-901/141, 6-9=-380/4417, 6-8=-2763/473

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 8-6 2x4 - 1 row at 0-7-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=360, 1=378.

NORTH CAROLINA PROFESSIONAL SEAL 036322 ENGINEER ERIC A. GILBERT

October 31,2016

Continued on page 2

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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 113 lb down and 59 lb up at 5-7-15, 68 lb down and 40 lb up at 7-7-15, 23 lb down and 20 lb up at 9-7-15, 187 lb down and 140 lb up at 11-7-3, 137 lb down and 137 lb up at 27-5-13, 90 lb down and 18 lb up at 29-5-1, and 131 lb down and 44 lb up at 31-5-1, and 113 lb down and 59 lb up at 33-5-1 on top chord, and 403 lb down and 93 lb up at 3-7-15, 177 lb down and 10 lb up at 5-7-15, 222 lb down and 39 lb up at 7-7-15, 267 lb down and 75 lb up at 9-7-15, 125 lb down at 11-7-15, 125 lb down at 13-7-15, 81 lb down at 15-7-15, 77 lb down at 17-7-15, 100 lb down at 19-7-15, 153 lb down and 13 lb up at 21-7-15, 100 lb down at 23-7-15, 100 lb down at 25-7-15, 100 lb down at 27-8-11, 136 lb down and 73 lb up at 29-5-1, 96 lb down and 25 lb up at 31-5-1, and 116 lb down at 33-5-1, and 216 lb down and 85 lb up at 35-5-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

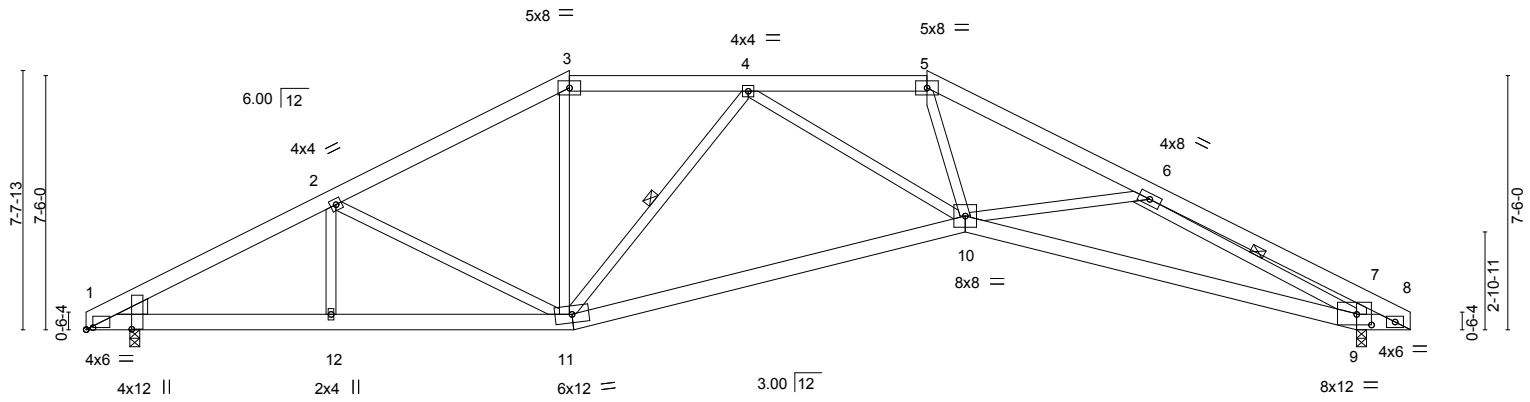
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-60, 5-7=-60, 1-13=-20, 11-13=-20, 10-11=-20, 8-10=-20, 7-8=-20
   Concentrated Loads (lb)
   Vert: 3=-187(F) 5=-137(F) 10=-50(F) 14=-222(F) 2=-73(F) 12=-68(F) 15=-28(F) 16=17(F) 17=-50(F) 18=-91(F) 19=-73(F) 20=-403(F) 21=-177(F) 22=-267(F) 23=-62(F) 24=-62(F) 25=-40(F) 26=-50(F) 27=-105(F) 28=-50(F) 29=-50(F) 30=-136(F) 31=-96(F) 32=-113(F) 33=-216(F)

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A02	HIP	1	1	E9971846
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:45 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-XFNPLVlXR7vb?W6lLfg92snC7pUP?c6T4dw_H5yNz2y

7-2-12	14-3-3	19-6-8	24-9-13	31-1-15	37-6-0	39-1-0
7-2-12	7-0-7	5-3-5	5-3-5	6-4-1	6-4-1	1-7-0

Scale = 1:68.0



1-3-8	7-2-12	14-4-12	25-11-6	37-6-0	39-1-0
1-3-8	5-11-4	7-2-0	11-6-10	11-6-10	37-9-8 / 0-3-8 / 1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [9:0-5-4,0-3-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.19	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(TL)	-0.59	10-11	>758	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(TL)	0.22	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.10	10-11	>999	240	Weight: 270 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
10-11,9-10: 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-9, 4-11

REACTIONS. (lb/size) 9=1624/0-3-8, 1=1491/0-3-8
Max Horz 1=91(LC 5)
Max Uplift 9=-101(LC 7), 1=-96(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2792/557, 2-3=-2201/507, 3-4=-1874/493, 4-5=-2910/608, 5-6=-3676/675, 6-7=-909/199, 7-8=-780/100
BOT CHORD 1-12=-419/2426, 11-12=-419/2426, 10-11=-380/2502, 9-10=-618/3260, 8-9=-122/825
WEBS 2-12=0/279, 2-11=-622/205, 3-11=-75/593, 4-10=0/648, 5-10=-151/1292, 6-10=0/349, 6-9=-2880/605, 7-9=-606/237, 4-11=-916/197

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 9=101.

October 31,2016

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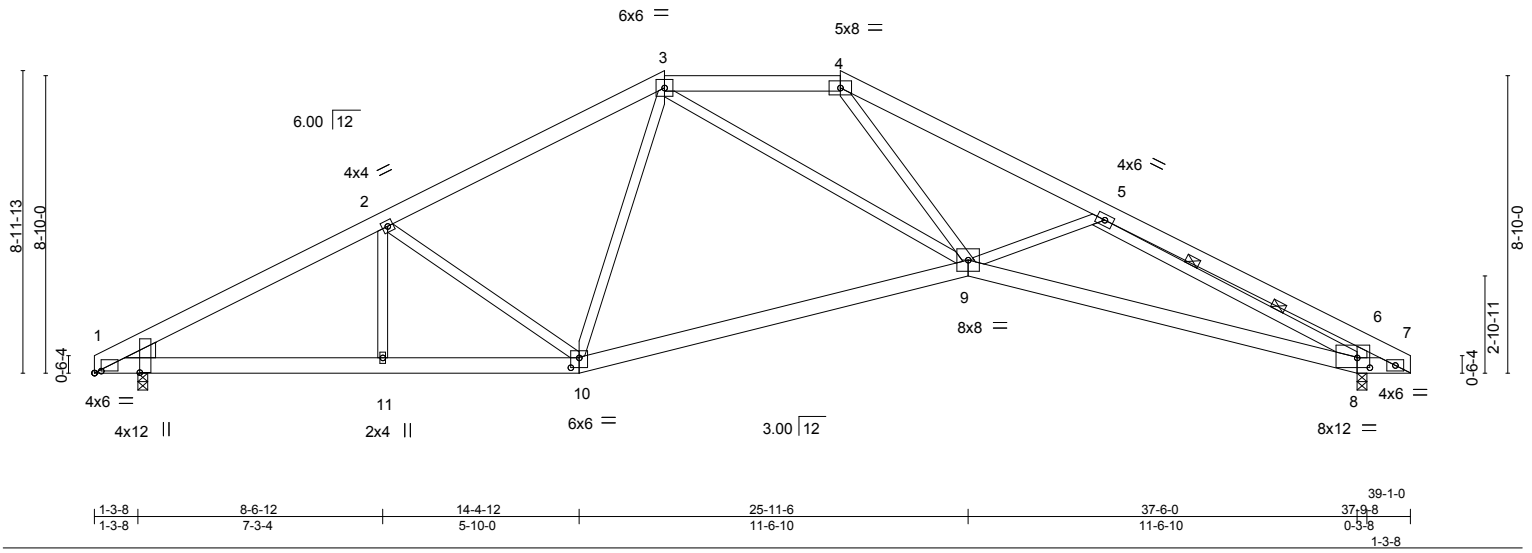
Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A03	HIP	1	1	E9971847
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:45 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-XFNPLVlXR7vb?W6lLfg92snCqpas?caT4dw_H5yNz2y

8-6-12 (8-6-12) | 16-11-3 (8-4-7) | 22-1-13 (5-2-11) | 29-9-15 (7-8-1) | 37-6-0 (7-8-1) | 39-1-0 (1-7-0)

Scale = 1:68.4



1-3-8 (1-3-8) | 8-6-12 (7-3-4) | 14-4-12 (5-10-0) | 25-11-6 (11-6-10) | 37-6-0 (11-6-10) | 39-1-0 (37-9-8, 0-3-8) | 1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [8:0-4-8,0-3-8], [10:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	-0.18	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.43	Vert(TL)	-0.57	9-10	>789	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(TL)	0.22	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.10	9-10	>999	240	Weight: 270 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 Rows at 1/3 pts 5-8

REACTIONS. (lb/size) 8=1624/0-3-8, 1=1491/0-3-8
Max Horz 1=108(LC 5)
Max Uplift 8=-118(LC 7), 1=-111(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2731/534, 2-3=-2149/500, 3-4=-2368/552, 4-5=-3623/652, 5-6=-1072/250, 6-7=-921/134
BOT CHORD 1-11=-385/2366, 10-11=-385/2366, 9-10=-203/1849, 8-9=-594/3405, 7-8=-161/976
WEBS 2-11=0/292, 2-10=-695/244, 3-10=-29/316, 3-9=-73/826, 4-9=-143/1396, 5-9=-198/270, 5-8=-2853/532, 6-8=-682/272

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=118, 1=111.

October 31,2016

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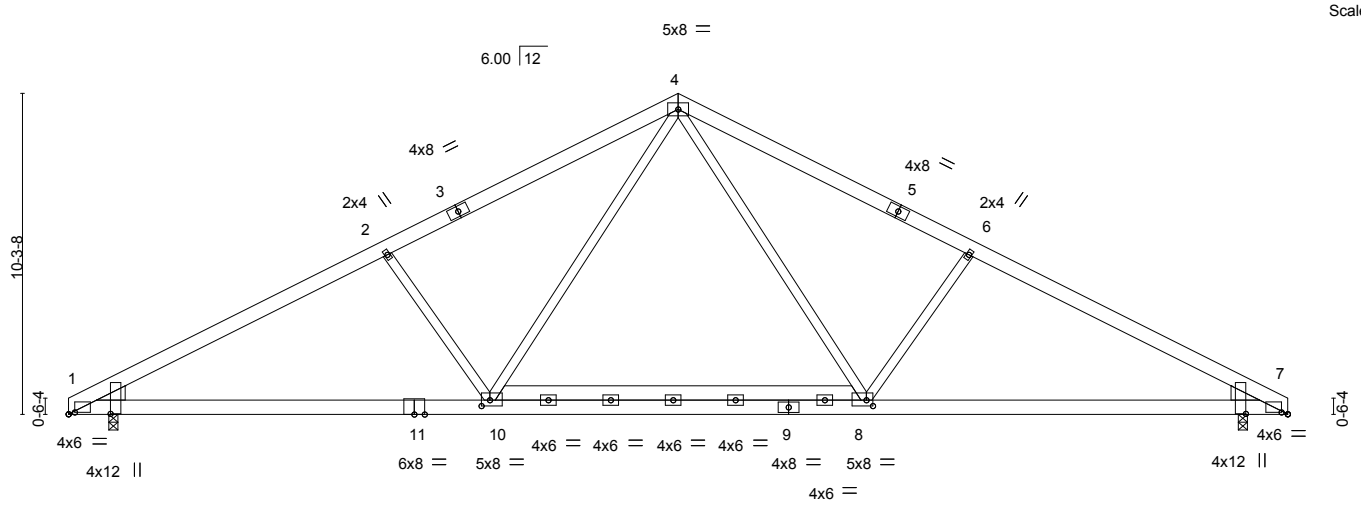
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A04	COMMON	21	1	E9971848
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:46 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-0RxnYrm9CR1ScghxvMBOa4JILDuSk8BcJHfXpYyNz2x

10-2-10 | 19-6-8 | 28-10-6 | 39-1-0
10-2-10 | 9-3-14 | 9-3-14 | 10-2-10

Scale = 1:73.9



1-3-8 | 13-6-1 | 25-6-15 | 37-9-8 | 39-1-0
1-3-8 | 12-2-9 | 12-0-13 | 12-2-9 | 1-3-8

Plate Offsets (X,Y)-- [1:0-2-6,0-0-11], [1:0-0-2,1-4-2], [7:0-0-2,1-4-2], [7:0-2-6,0-0-11], [8:0-2-8,0-2-4], [10:0-3-4,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.30	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.54	Vert(TL)	-0.50	7-8	>939	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.07	8-10	>999	240	Weight: 276 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
8-10: 2x6 SP No.1
WEDGE
Left: 2x6 SP No.1, Right: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1905/0-3-8, 7=1905/0-3-8
Max Horz 1=-126(LC 4)
Max Uplift 1=-125(LC 6), 7=-125(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3599/550, 2-4=-3234/547, 4-6=-3311/557, 6-7=-3650/560
BOT CHORD 1-10=-382/3105, 8-10=-108/2092, 7-8=-392/3177
WEBS 4-8=-171/1418, 6-8=-589/327, 4-10=-154/1305, 2-10=-585/327

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=125, 7=125.

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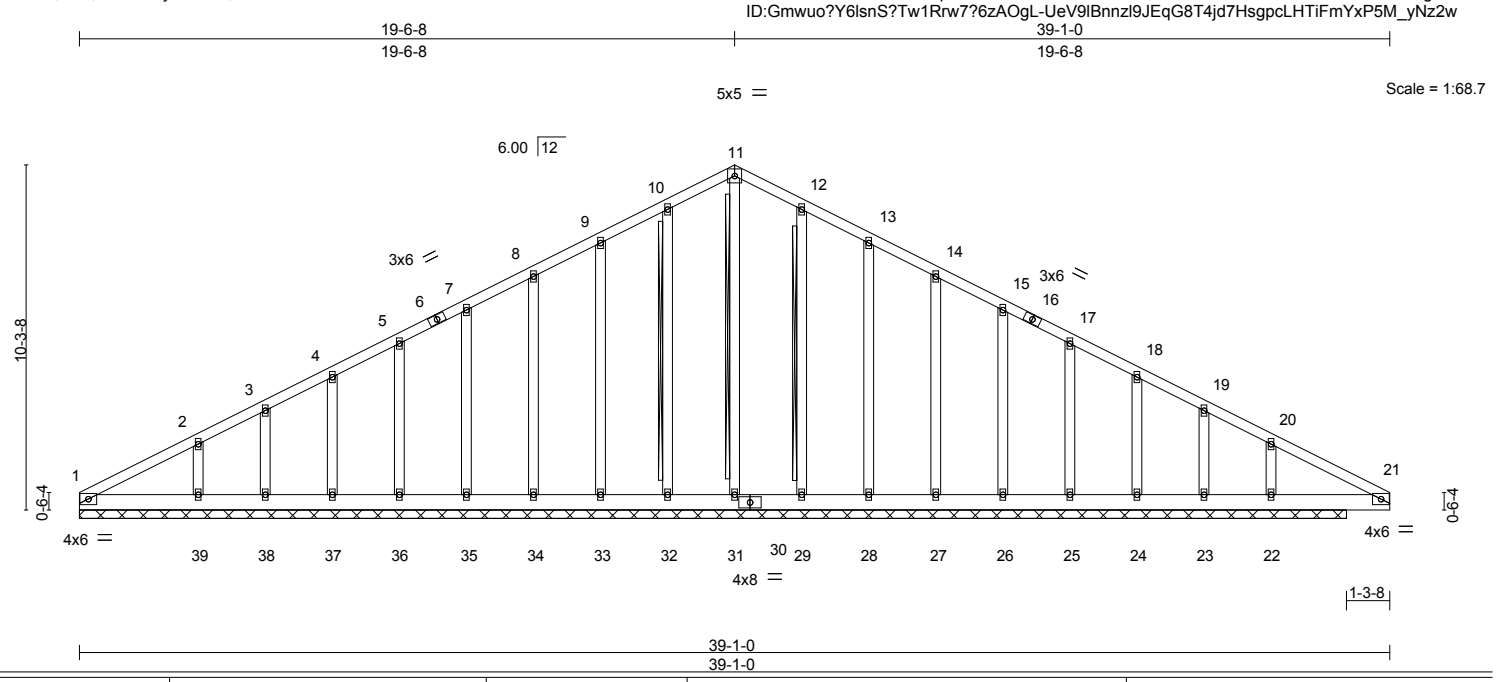
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A05	COMMON SUPPORTED GAB	3	1	E9971849
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:47 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-UeV9lBnnzl9JEqG8T4jd7HsgpcLHTiFmYxP5M_yNz2w



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(TL)	-0.01	22	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 292 lb	FT = 20%

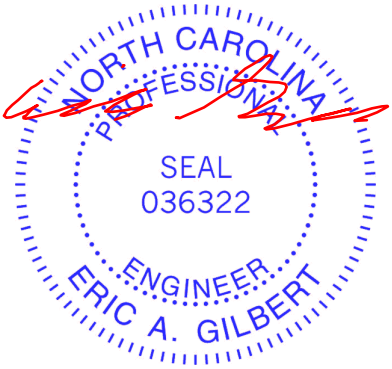
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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 T-Brace: 2x4 SPF Stud - 11-31, 10-32, 12-29
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.

REACTIONS. All bearings 37-9-8.
(lb) - Max Horz 1=-127(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 32, 33, 34, 35, 36, 37, 38, 39, 29, 28, 27, 26, 25, 24, 23, 22
Max Grav All reactions 250 lb or less at joint(s) 1, 33, 34, 35, 36, 37, 38, 28, 27, 26, 25, 24 except 31=359(LC 1), 32=255(LC 1), 39=294(LC 1), 29=256(LC 11), 22=424(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 10-11=0/280, 11-12=0/280

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, 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, 32, 33, 34, 35, 36, 37, 38, 39, 29, 28, 27, 26, 25, 24, 23, 22.
9) Non Standard bearing condition. Review required.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



October 31,2016

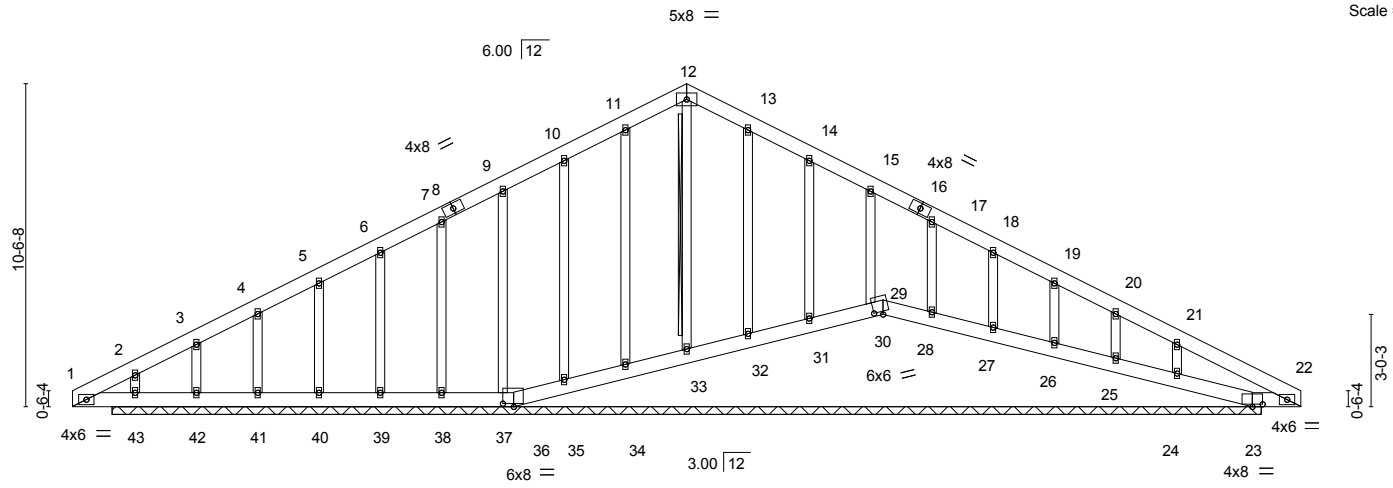
ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A06	GABLE	3	1	E9971850
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:48 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-yq3XzXoPk2HAs_rK0nEsfVOsr0hKC9lvmb8euQyNz2v

20-0-8 | 40-1-0
20-0-8 | 20-0-8

Scale = 1:75.2



1-3-8 | 14-4-12 | 26-5-6 | 38-6-0 | 40-1-0
1-3-8 | 13-1-4 | 12-0-10 | 12-0-10 | 1-7-0

Plate Offsets (X,Y)-- [23:0-4-0,0-1-0], [29:0-3-5,0-1-4], [36:0-4-4,0-1-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(TL)	0.00	23	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 313 lb	FT = 20%

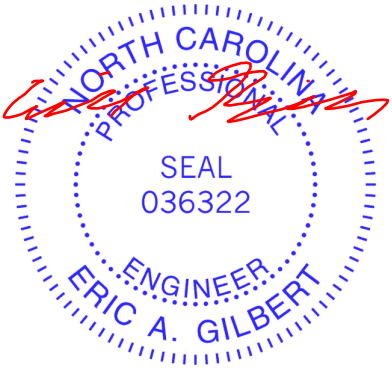
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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 T-Brace: 2x4 SPF Stud - 12-33
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.

REACTIONS. All bearings 37-6-0.
(lb) - Max Horz 43=129(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 36, 29, 34, 35, 37, 38, 39, 40, 41, 43, 32, 31, 30, 28, 27, 26, 25, 24 except 42=-120(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 36, 29, 23, 33, 34, 35, 37, 38, 39, 40, 41, 42, 32, 31, 30, 28, 27, 26, 25, 24 except 43=281(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=0/275, 12-13=0/275

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 36, 29, 34, 35, 37, 38, 39, 40, 41, 43, 32, 31, 30, 28, 27, 26, 25, 24 except (jt=lb) 42=120.
9) Non Standard bearing condition. Review required.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A07	ROOF SPECIAL	18	1	E9971851
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:49 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-Q0cwAto2VMP1T8QWaVl5CixyQQy7xPm3?FuBQsyNz2u

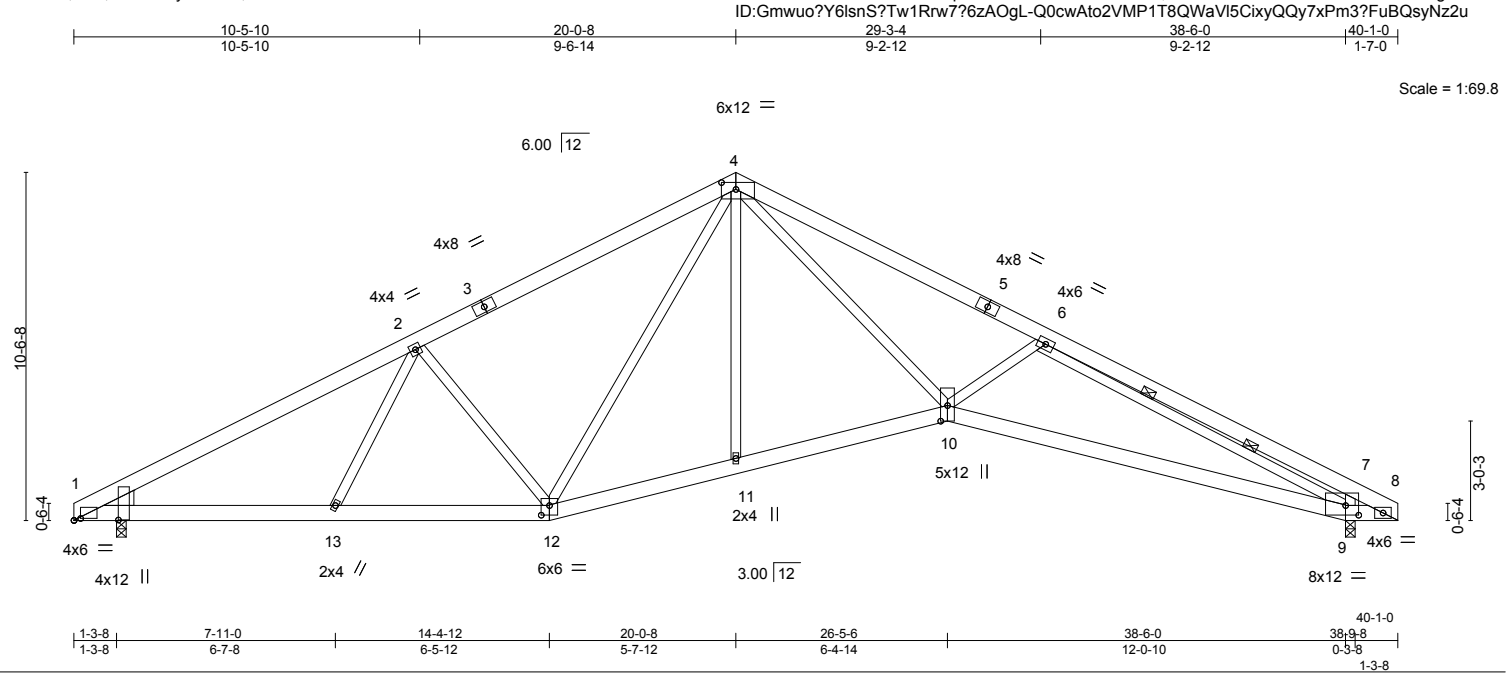


Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [4:0-5-4,0-2-8], [9:0-4-12,0-3-8], [10:0-5-11,0-2-8], [12:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.18	10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.41	Vert(TL)	-0.52	9-10	>880	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(TL)	0.24	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.11	10	>999	240	Weight: 284 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
6-9: 2x4 SP No.1
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 Rows at 1/3 pts 6-9

REACTIONS. (lb/size) 9=1663/0-3-8, 1=1532/0-3-8
Max Horz 1=-129(LC 4)
Max Uplift 9=-134(LC 7), 1=-126(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2812/498, 2-4=-2232/551, 4-6=-3711/690, 6-7=-1284/314, 7-8=-1103/172
BOT CHORD 1-13=-334/2399, 12-13=-367/2311, 11-12=-114/1811, 10-11=-112/1801, 9-10=-569/3560, 8-9=-212/1171
WEBS 2-13=0/368, 2-12=-739/294, 4-12=-166/397, 4-11=0/258, 4-10=-308/2179, 6-10=-362/286, 6-9=-2808/453, 7-9=-789/331

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=134, 1=126.

NORTH CAROLINA PROFESSIONAL
SEAL 036322
ENGINEER
ERIC A. GILBERT

October 31,2016

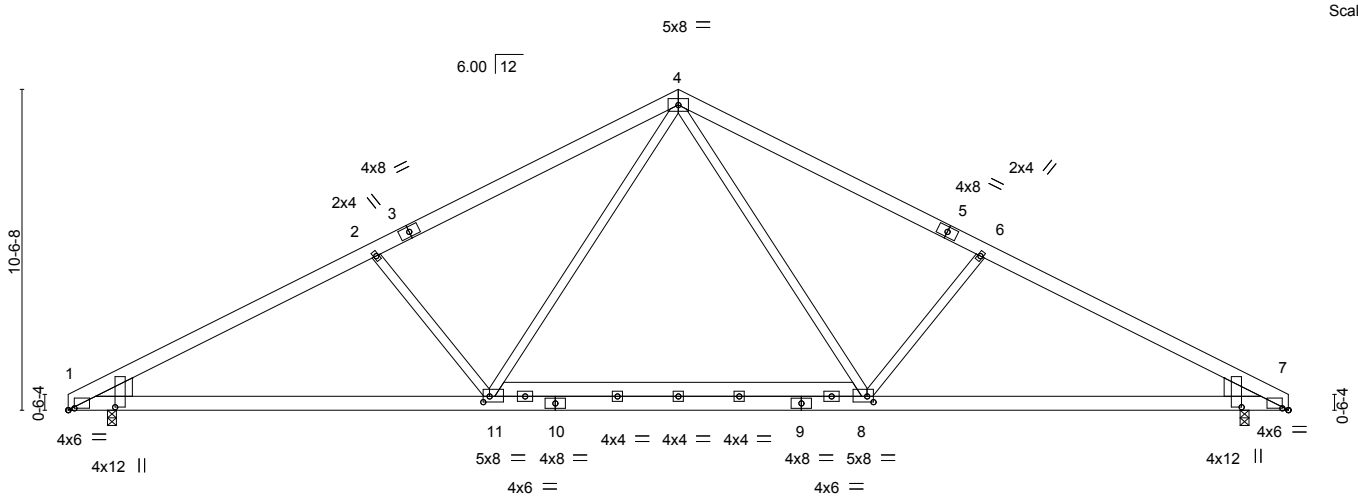
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A08	COMMON	21	1	E9971852
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:50 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-uDAIODpgGgXu5H?i8CGKlwU?HqFZgyMCEvdlyJyNz2t

10-1-7 | 20-0-8 | 29-11-9 | 40-1-0
10-1-7 | 9-11-1 | 9-11-1 | 10-1-7

Scale = 1:75.7



1-3-8 | 13-10-1 | 26-2-15 | 38-9-8 | 40-1-0
1-3-8 | 12-6-9 | 12-4-13 | 12-6-9 | 1-3-8

Plate Offsets (X,Y)-- [1:0-2-6,0-0-11], [1:0-1-2,1-6-7], [7:0-1-2,1-6-7], [7:0-2-6,0-0-11], [8:0-2-8,0-2-4], [11:0-2-8,0-2-4]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.30	8-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.53	Vert(TL)	-0.55	1-11	>867	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.08	1-11	>999	240	Weight: 287 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
8-11: 2x6 SP No.1
WEDGE
Left: 2x8 SP No.1, Right: 2x8 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1955/0-3-8, 7=1955/0-3-8
Max Horz 1=129(LC 5)
Max Uplift 1=-128(LC 6), 7=-128(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3762/583, 2-4=-3386/560, 4-6=-3386/560, 6-7=-3762/583
BOT CHORD 1-11=-415/3280, 8-11=-115/2169, 7-8=-415/3280
WEBS 4-8=-155/1393, 6-8=-612/339, 4-11=-155/1393, 2-11=-612/339

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=128, 7=128.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A09	COMMON SUPPORTED GAB	3	1	E9971853
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:51 2016 Page 1
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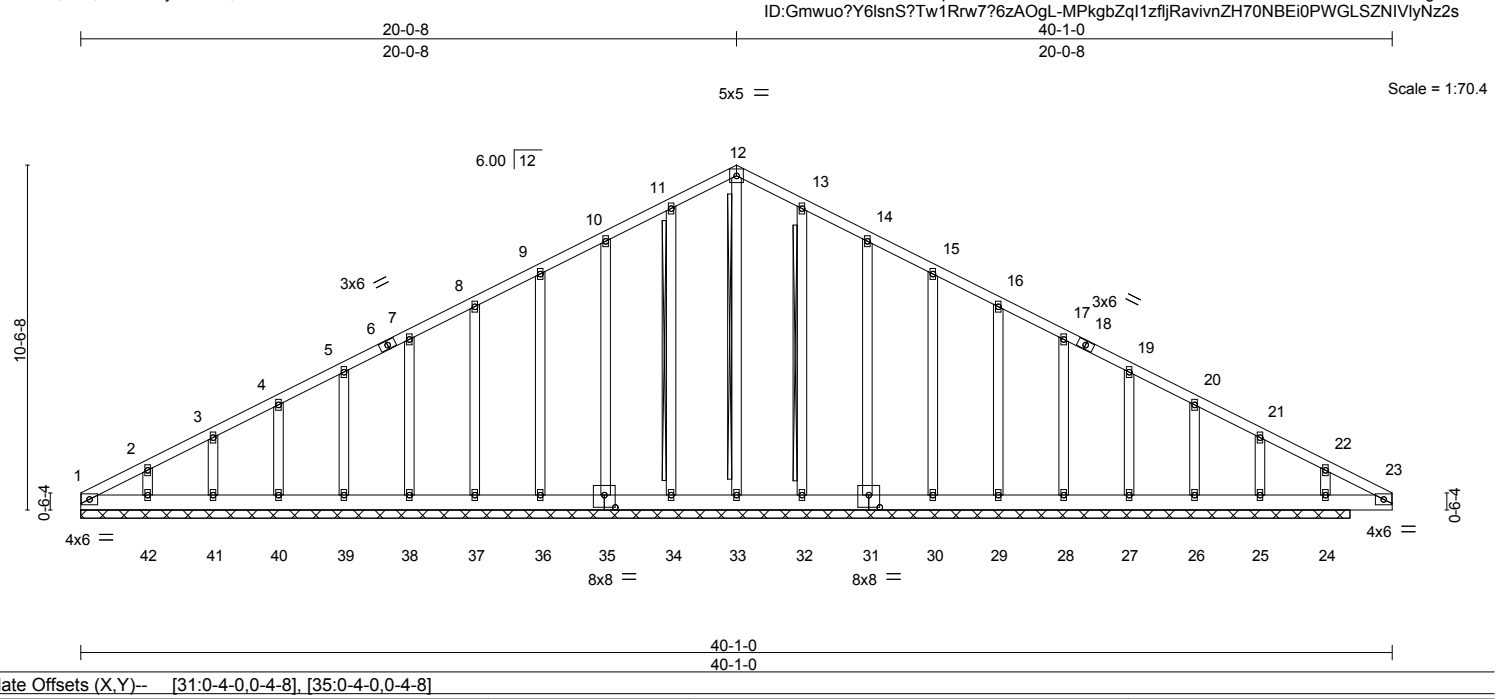


Plate Offsets (X,Y)-- [31:0-4-0,0-4-8], [35:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(TL)	0.00	24	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 304 lb	FT = 20%

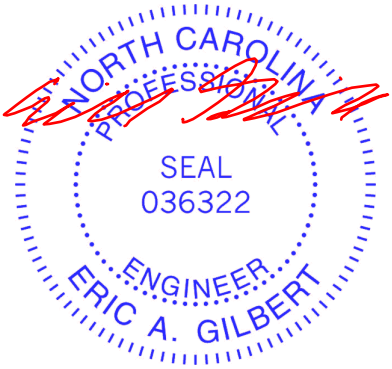
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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 T-Brace: 2x4 SPF Stud - 12-33, 11-34, 13-32
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.

REACTIONS. All bearings 38-9-8.
(lb) - Max Horz 1=-130(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 34, 35, 36, 37, 38, 39, 40, 41, 42, 32, 31, 30, 29, 28, 27, 26 except 25=-108(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 1, 35, 36, 37, 38, 39, 40, 41, 42, 31, 30, 29, 28, 27, 26, 25 except 33=255(LC 1), 34=251(LC 10), 32=252(LC 11), 24=295(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=-16/270, 12-13=0/270

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, 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, 34, 35, 36, 37, 38, 39, 40, 41, 42, 32, 31, 30, 29, 28, 27, 26 except (jt=lb) 25=108.
9) Non Standard bearing condition. Review required.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



October 31,2016

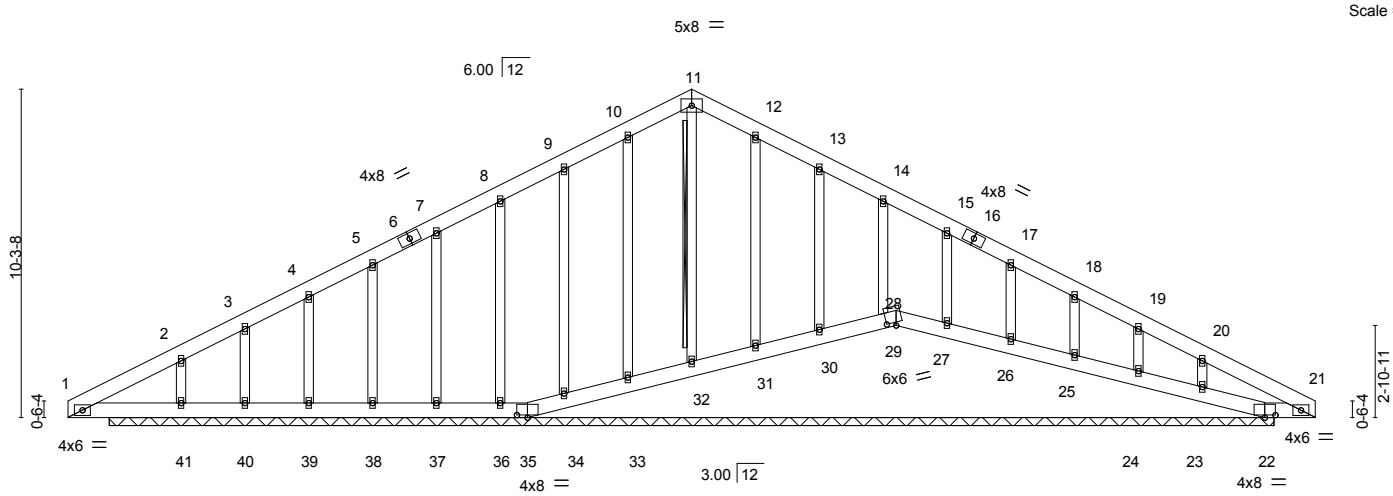
ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A10	GABLE	3	1	E9971854
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:52 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-qbI2pvrwoHncKb85FdIoqLZYBd2j8zCVhD6s1ByNz2r

19-6-8 / 19-6-8 — 39-1-0 / 19-6-8

Scale = 1:72.2



1-3-8 / 1-3-8 — 14-4-12 / 13-1-4 — 25-11-6 / 11-6-10 — 37-6-0 / 11-6-10 — 39-1-0 / 1-7-0

Plate Offsets (X,Y)-- [22:0-4-0,0-1-0], [28:0-3-5,0-1-4], [35:0-4-0,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(TL)	-0.01	22	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 303 lb	FT = 20%

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 T-Brace: 2x4 SPF Stud - 11-32
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.

REACTIONS. All bearings 36-6-0.
(lb) - Max Horz 41=-126(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 35, 28, 22, 33, 34, 36, 37, 38, 39, 40, 41, 31, 30, 29, 27, 26, 25, 24, 23
Max Grav All reactions 250 lb or less at joint(s) 35, 28, 22, 33, 34, 36, 37, 38, 39, 40, 31, 30, 29, 27, 26, 25, 24, 23 except 32=266(LC 1), 41=449(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 10-11=0/276, 11-12=0/275
WEBS 2-41=-276/97

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 35, 28, 22, 33, 34, 36, 37, 38, 39, 40, 41, 31, 30, 29, 27, 26, 25, 24, 23.
9) Non Standard bearing condition. Review required.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A11	ROOF SPECIAL	18	1	E9971855
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:53 2016 Page 1
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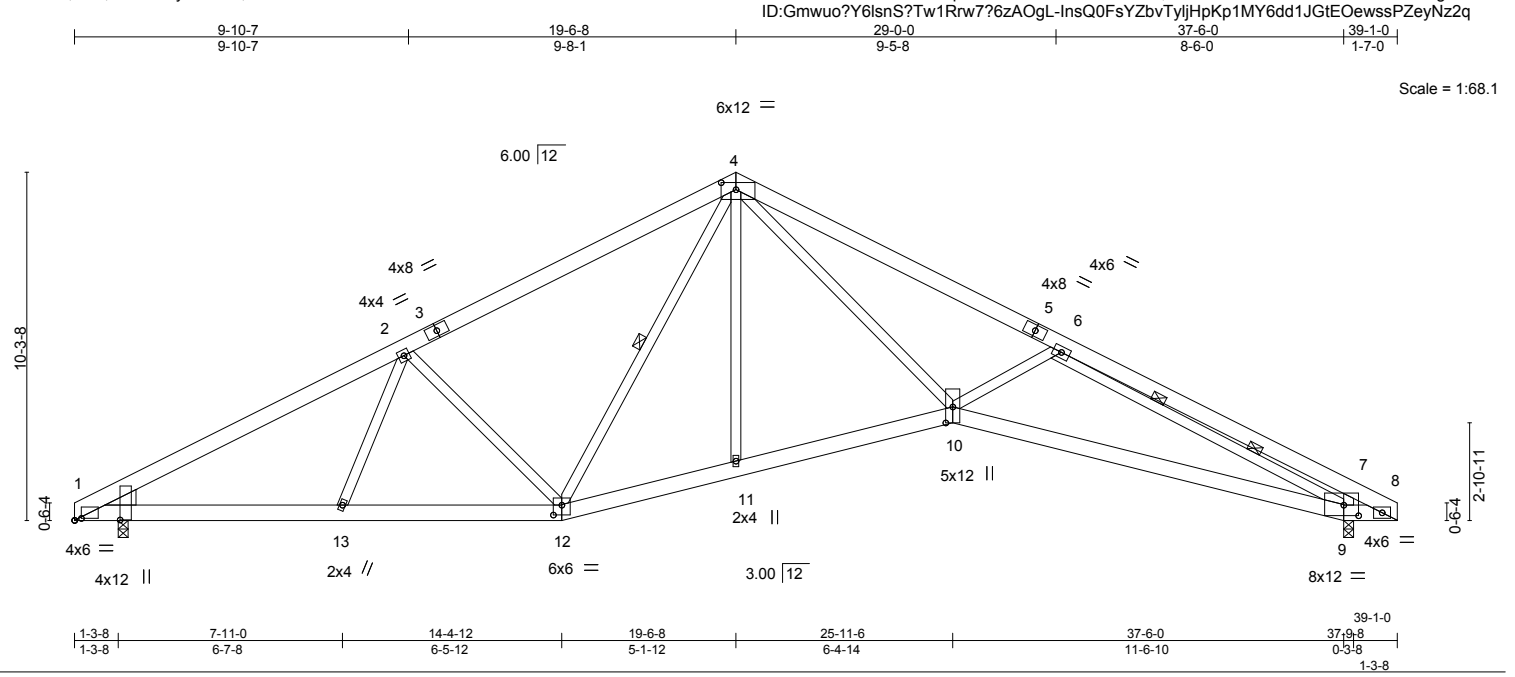

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [4:0-5-4,0-2-8], [9:0-5-4,0-3-12], [10:0-5-11,0-2-8], [12:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.18	10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.40	Vert(TL)	-0.47	9-10	>960	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.23	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.11	10	>999	240	Weight: 277 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
6-9: 2x4 SP No.2
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-12
2 Rows at 1/3 pts 6-9

REACTIONS. (lb/size) 9=1624/0-3-8, 1=1491/0-3-8
Max Horz 1=-126(LC 4)
Max Uplift 9=-131(LC 7), 1=-123(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2747/492, 2-4=-2132/518, 4-6=-3584/658, 6-7=-1222/279, 7-8=-1054/152
BOT CHORD 1-13=-337/2349, 12-13=-364/2281, 11-12=-112/1747, 10-11=-110/1737, 9-10=-567/3437, 8-9=-184/1114
WEBS 2-13=0/354, 2-12=-745/286, 4-12=-139/348, 4-11=0/253, 4-10=-283/2079, 6-10=-348/286, 6-9=-2735/477, 7-9=-742/293

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=131, 1=123.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A13	COMMON	1	1	E9971856
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:54 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-n_QpDasAKu1JavIUN2LGvmelZReSczo9Wby54yNz2p

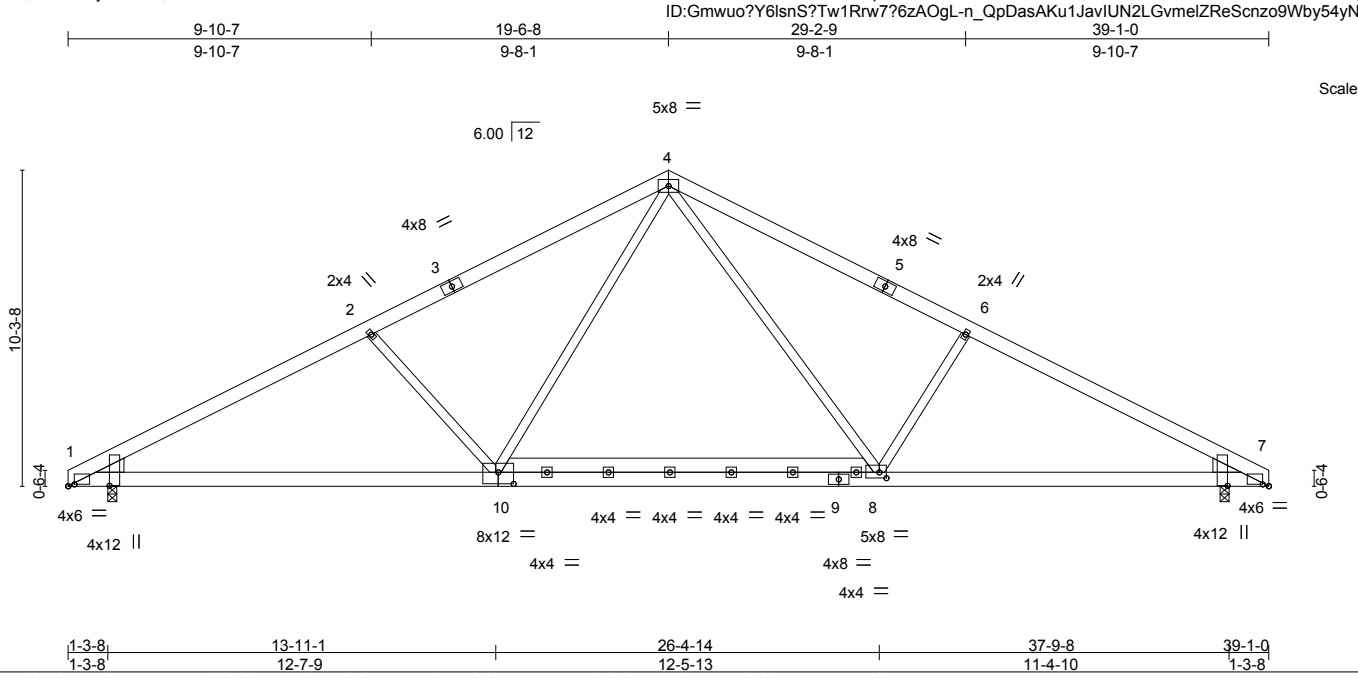

Plate Offsets (X,Y)-- [1:0-2-6,0-0-11], [1:0-0-2,1-4-2], [7:0-0-2,1-4-2], [7:0-2-6,0-0-11], [8:0-2-12,0-2-4], [10:0-6-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.58	Vert(LL)	-0.21	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.47	Vert(TL)	-0.51	1-10	>906	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.09	7	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.06	1-10	>999	240	Weight: 277 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
8-10: 2x6 SP No.1
WEDGE
Left: 2x6 SP No.1, Right: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1789/0-3-8, 7=1804/0-3-8
Max Horz 1=-126(LC 4)
Max Uplift 1=-125(LC 6), 7=-125(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3389/571, 2-4=-2993/533, 4-6=-3146/577, 6-7=-3449/562
BOT CHORD 1-10=-407/2951, 8-10=-113/1948, 7-8=-399/3002
WEBS 2-10=-610/334, 4-10=-132/1203, 4-8=-184/1296, 6-8=-586/324

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=125, 7=125.

October 31,2016

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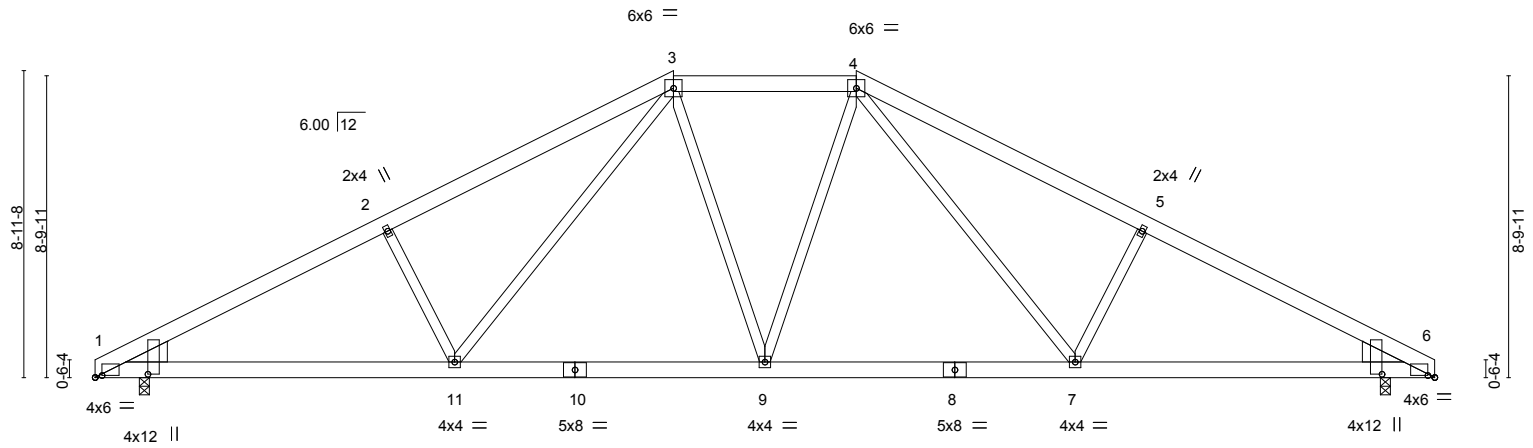
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A14	HIP	1	1	E9971857
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:54 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-n_QpDasAKu1JavIUN2LGvmegtRWhcpto9Wby54yNz2p

8-6-7	16-10-8	22-2-8	30-6-9	39-1-0
8-6-7	8-4-1	5-4-0	8-4-1	8-6-7

Scale = 1:67.2



1-3-8	10-5-14	19-6-8	28-7-2	37-9-8	39-1-0
1-3-8	9-2-6	9-0-10	9-0-10	9-2-6	1-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.94	Vert(LL)	-0.21	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(TL)	-0.37	7-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.12	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.07	11	>999	240	Weight: 268 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1914/0-3-8, 6=1914/0-3-8
Max Horz 1=-108(LC 4)
Max Uplift 1=-112(LC 6), 6=-112(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3651/571, 2-3=-3454/620, 3-4=-2479/482, 4-5=-3454/620, 5-6=-3651/571
BOT CHORD 1-11=-419/3185, 9-11=-190/2385, 7-9=-190/2385, 6-7=-419/3185
WEBS 2-11=-462/276, 3-11=-180/1001, 3-9=-24/477, 4-9=-24/477, 4-7=-180/1001, 5-7=-462/276

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, 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) 1=112, 6=112.

October 31,2016

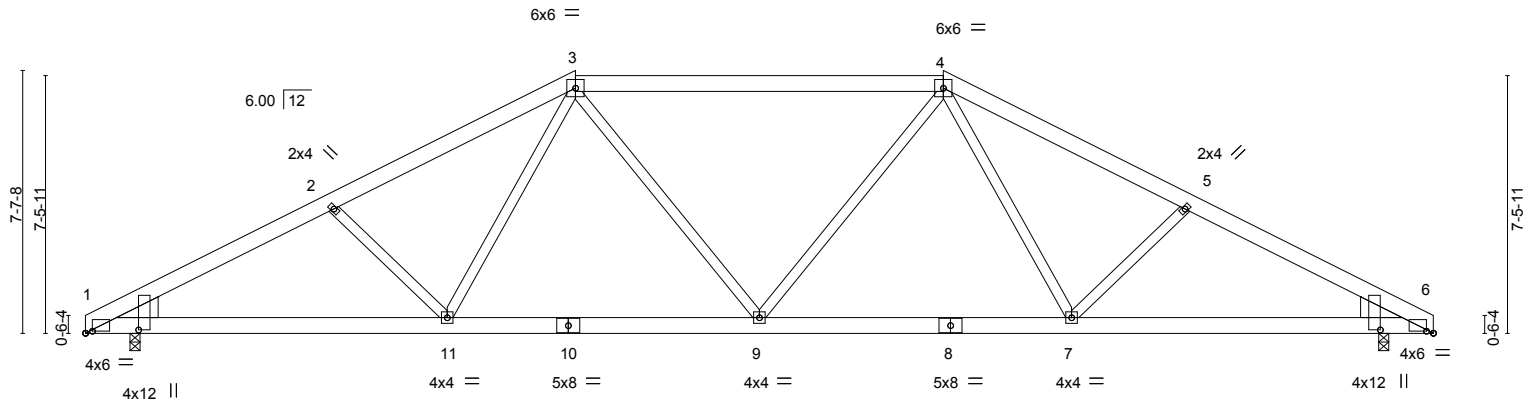
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A15	HIP	1	1	E9971858
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:55 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-FA_BRwto5C9AB3tgxlsVSzBqortdLI?xNALWeWyNz2o

7-2-7	14-2-8	24-10-8	31-10-9	39-1-0
7-2-7	7-0-1	10-8-0	7-0-1	7-2-7

Scale = 1:66.8



1-3-8	10-5-14	19-6-8	28-7-2	37-9-8	39-1-0
1-3-8	9-2-6	9-0-10	9-0-10	9-2-6	1-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.21	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.92	Vert(TL)	-0.37	7-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.29	Horz(TL)	0.12	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.06	9	>999	240	Weight: 260 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1914/0-3-8, 6=1914/0-3-8
Max Horz 1=-91(LC 4)
Max Uplift 1=-96(LC 6), 6=-96(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3684/607, 2-3=-3411/578, 3-4=-2873/508, 4-5=-3411/578, 5-6=-3684/607
BOT CHORD 1-11=-463/3217, 9-11=-282/2652, 7-9=-282/2652, 6-7=-463/3217
WEBS 2-11=-344/220, 3-11=-58/711, 3-9=-2/498, 4-9=-2/498, 4-7=-58/711, 5-7=-344/220

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, 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, 6.

October 31,2016

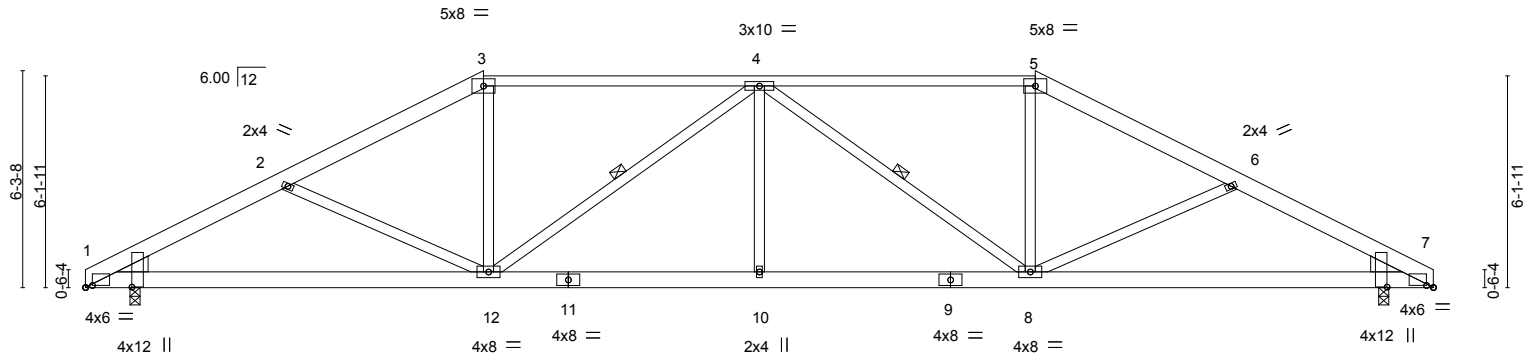
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A16	HIP	1	1	E9971859
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:56 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-jMYZeGuRrWl1pCSsUTNk_Bk1KFH44kh5cq43AyyNz2n

5-10-7	11-6-8	19-6-8	27-6-8	33-2-9	39-1-0
5-10-7	5-8-1	8-0-0	8-0-0	5-8-1	5-10-7

Scale = 1:66.8



1-3-8	11-6-8	19-6-8	27-6-8	37-9-8	39-1-0
1-3-8	10-3-0	8-0-0	8-0-0	10-3-0	1-3-8

Plate Offsets (X,Y)-- [1:0-2-6,0-0-11], [1:0-0-2,1-4-2], [7:0-2-6,0-0-11], [7:0-0-2,1-4-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.14	1-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.65	Vert(TL)	-0.40	1-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.11	7	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.09	10	>999	240	Weight: 251 lb	FT = 20%

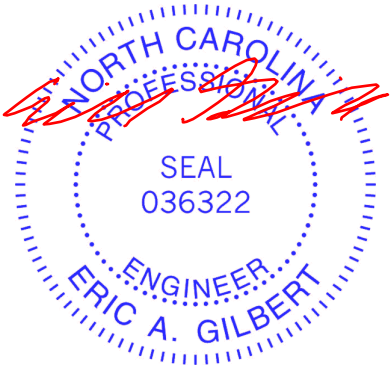
LUMBER-
TOP CHORD 2x6 SP No.1 *Except* 3-5: 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.1, Right: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-12, 4-8

REACTIONS. (lb/size) 1=1552/0-3-8, 7=1552/0-3-8
Max Horz 1=74(LC 5)
Max Uplift 1=-77(LC 6), 7=-77(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2905/656, 2-3=-2549/558, 3-4=-2232/540, 4-5=-2232/540, 5-6=-2549/558, 6-7=-2905/656
BOT CHORD 1-12=-519/2537, 10-12=-465/2679, 8-10=-465/2679, 7-8=-519/2537
WEBS 2-12=-362/210, 3-12=-75/715, 4-12=-670/167, 4-8=-670/167, 5-8=-75/715, 6-8=-362/210

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7.



October 31,2016

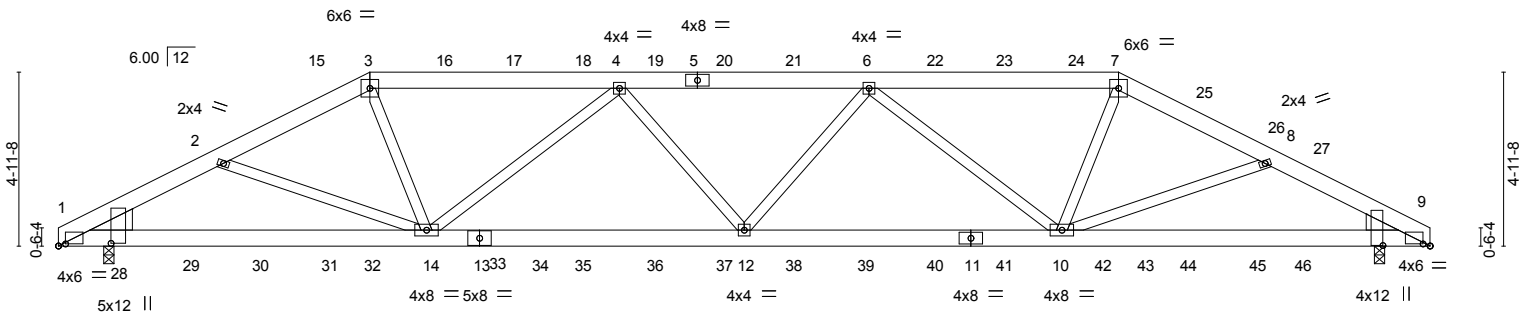
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	A17	HIP GIRDER	1	2	E9971860
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:58 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-flfJ3yvhN7Yl2WcFcuPC3cpLY2_oYe8N38ZAEryNz2l

4-8-7	8-10-8	15-11-13	23-1-3	30-2-8	34-4-9	39-1-0
4-8-7	4-2-1	7-1-5	7-1-5	7-1-5	4-2-1	4-8-7

Scale = 1:65.7



1-3-8	10-5-14	19-6-8	28-7-2	37-9-8	39-1-0
1-3-8	9-2-6	9-0-10	9-0-10	9-2-6	1-3-8

Plate Offsets (X,Y)-- [1:0-2-6,0-0-11], [1:0-0-14,1-5-15], [9:0-2-6,0-0-11], [9:0-0-2,1-4-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.96	Vert(LL)	-0.13	12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.57	Vert(TL)	-0.34	1-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.11	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.16	12	>999	240	Weight: 523 lb	FT = 20%

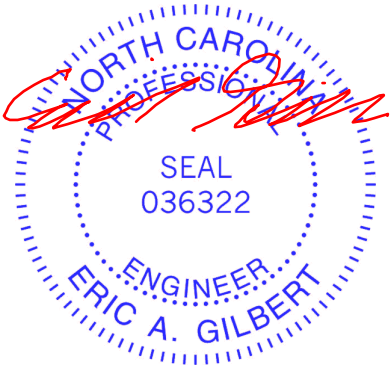
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x8 SP No.1, Right: 2x6 SP No.1

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.

REACTIONS. (lb/size) 1=2703/0-3-8, 9=2597/0-3-8
Max Horz 1=58(LC 12)
Max Uplift 1=-713(LC 5), 9=-721(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4768/1437, 2-3=-4518/1456, 3-4=-4588/1476, 4-6=-5665/1901, 6-7=-4606/1496, 7-8=-4564/1483, 8-9=-4912/1553
BOT CHORD 1-14=-1291/4197, 12-14=-1877/5576, 10-12=-1872/5585, 9-10=-1332/4313
WEBS 3-14=-419/1611, 4-14=-1340/622, 4-12=0/315, 6-12=0/303, 6-10=-1316/600, 7-10=-403/1575, 8-10=-289/179

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=713, 9=721.



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Continued on page 2

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NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 9 lb down and 35 lb up at 7-8-12, 75 lb down and 80 lb up at 8-10-8, 75 lb down and 80 lb up at 10-11-4, 75 lb down and 80 lb up at 12-11-4, 75 lb down and 80 lb up at 14-11-4, 75 lb down and 80 lb up at 16-11-4, 75 lb down and 80 lb up at 18-11-4, 75 lb down and 80 lb up at 20-11-4, 75 lb down and 80 lb up at 22-11-4, 75 lb down and 80 lb up at 24-11-4, 75 lb down and 80 lb up at 26-11-4, 75 lb down and 80 lb up at 28-11-4, 75 lb down and 80 lb up at 30-2-8, 23 lb down and 20 lb up at 32-1-12, and 68 lb down and 40 lb up at 34-1-12, and 119 lb down and 65 lb up at 35-5-1 on top chord, and 101 lb down and 13 lb up at 0-1-12, 101 lb down and 13 lb up at 1-8-12, 101 lb down and 13 lb up at 3-8-12, 101 lb down and 13 lb up at 5-8-12 , 144 lb down and 70 lb up at 7-8-12, 52 lb down and 11 lb up at 8-11-4, 52 lb down and 11 lb up at 10-11-4, 52 lb down and 11 lb up at 12-11-4, 52 lb down and 11 lb up at 14-11-4, 52 lb down and 11 lb up at 16-11-4, 52 lb down and 11 lb up at 18-11-4, 52 lb down and 11 lb up at 20-11-4, 52 lb down and 11 lb up at 22-11-4, 52 lb down and 11 lb up at 24-11-4, 52 lb down and 11 lb up at 26-11-4, 52 lb down and 11 lb up at 28-11-4, 52 lb down and 11 lb up at 30-1-12, 126 lb down and 53 lb up at 32-1-12, and 81 lb down and 17 lb up at 34-1-12, and 93 lb down at 35-5-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-60, 3-7=-60, 7-9=-60, 1-9=-20

Concentrated Loads (lb)

Vert: 3=-75(B) 7=-75(B) 6=-75(B) 1=-101(B) 15=35(B) 16=-75(B) 17=-75(B) 18=-75(B) 19=-75(B) 20=-75(B) 21=-75(B) 22=-75(B) 23=-75(B) 24=-75(B) 25=17(B) 26=-28(B) 27=-79(B) 28=-101(B) 29=-101(B) 30=-101(B) 31=-144(B) 32=-34(B) 33=-34(B) 34=-34(B) 35=-34(B) 36=-34(B) 37=-34(B) 38=-34(B) 39=-34(B) 40=-34(B) 41=-34(B) 42=-34(B) 43=-34(B) 44=-126(B) 45=-81(B) 46=-82(B)

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	C1	COMMON SUPPORTED GAB	7	1	E9971861
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:58 2016 Page 1
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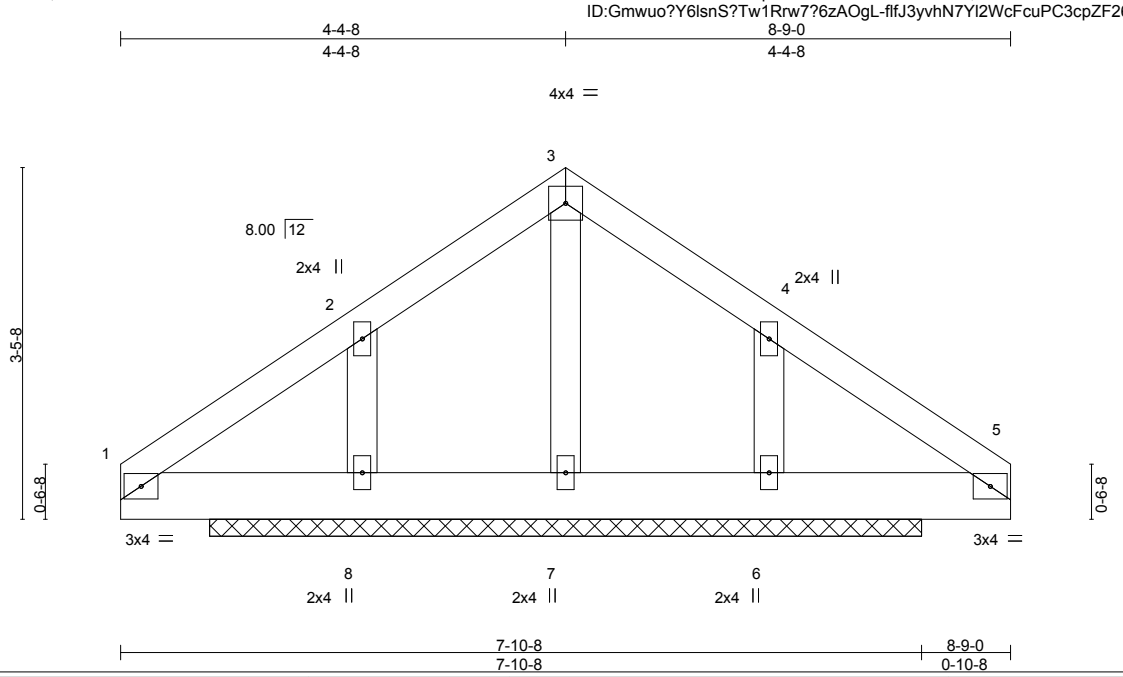


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 45 lb	FT = 20%

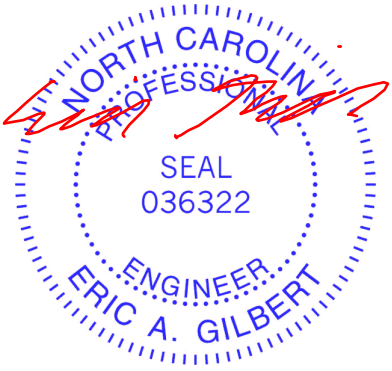
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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

REACTIONS. (lb/size) 7=210/7-0-0, 8=245/7-0-0, 6=245/7-0-0
Max Horz 8=-106(LC 4)
Max Uplift 8=-113(LC 6), 6=-113(LC 7)
Max Grav 7=210(LC 1), 8=279(LC 10), 6=279(LC 11)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=113, 6=113.
8) Non Standard bearing condition. Review required.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	C2	COMMON	14	1	E9971862
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:27:59 2016 Page 1
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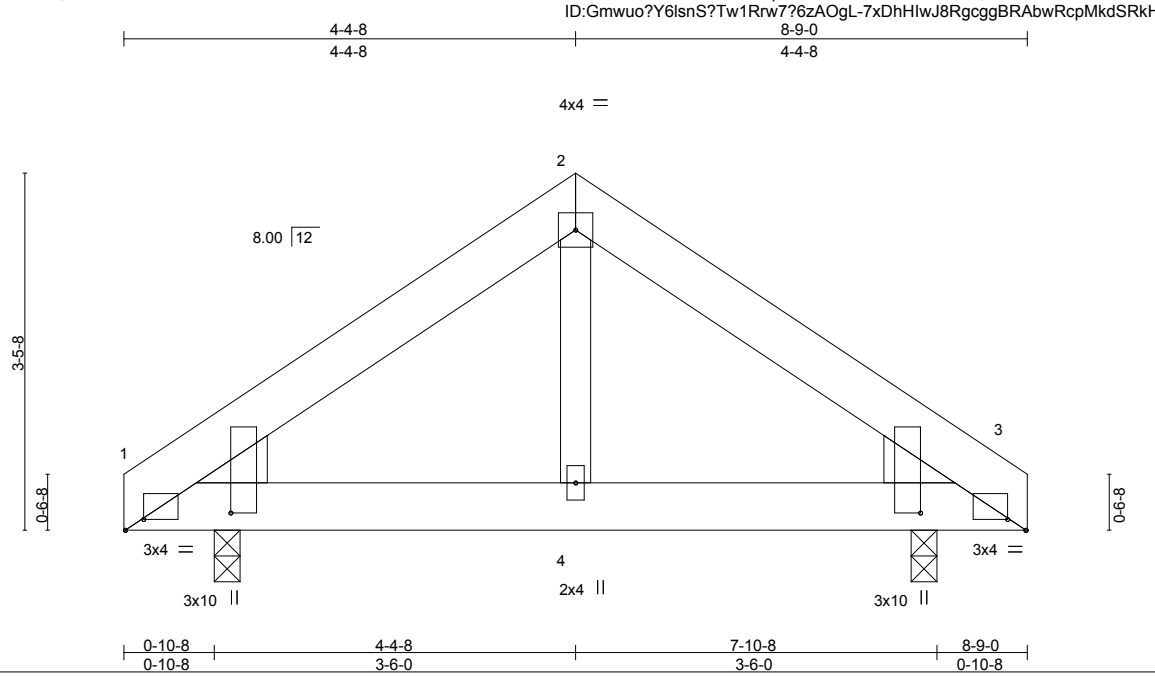


Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [1:0-2-0,1-0-4], [3:0-2-2,0-1-4], [3:0-2-0,1-0-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	1-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	-0.01	1-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	4	>999	240	Weight: 53 lb	FT = 20%

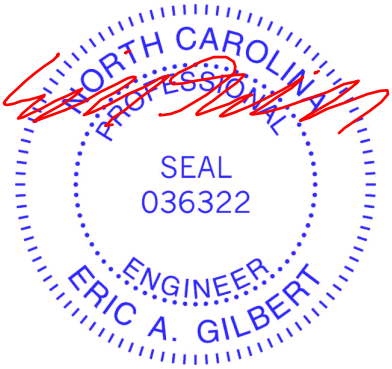
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x6 SP No.1, Right: 2x6 SP No.1

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.

REACTIONS. (lb/size) 1=339/0-3-0, 3=339/0-3-0
Max Horz 1=-82(LC 4)
Max Uplift 1=-24(LC 6), 3=-24(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-367/71, 2-3=-367/71
BOT CHORD 1-4=0/253, 3-4=0/253

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	D1	COMMON STRUCTURAL GA	7	1	E9971863
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:00 2016 Page 1
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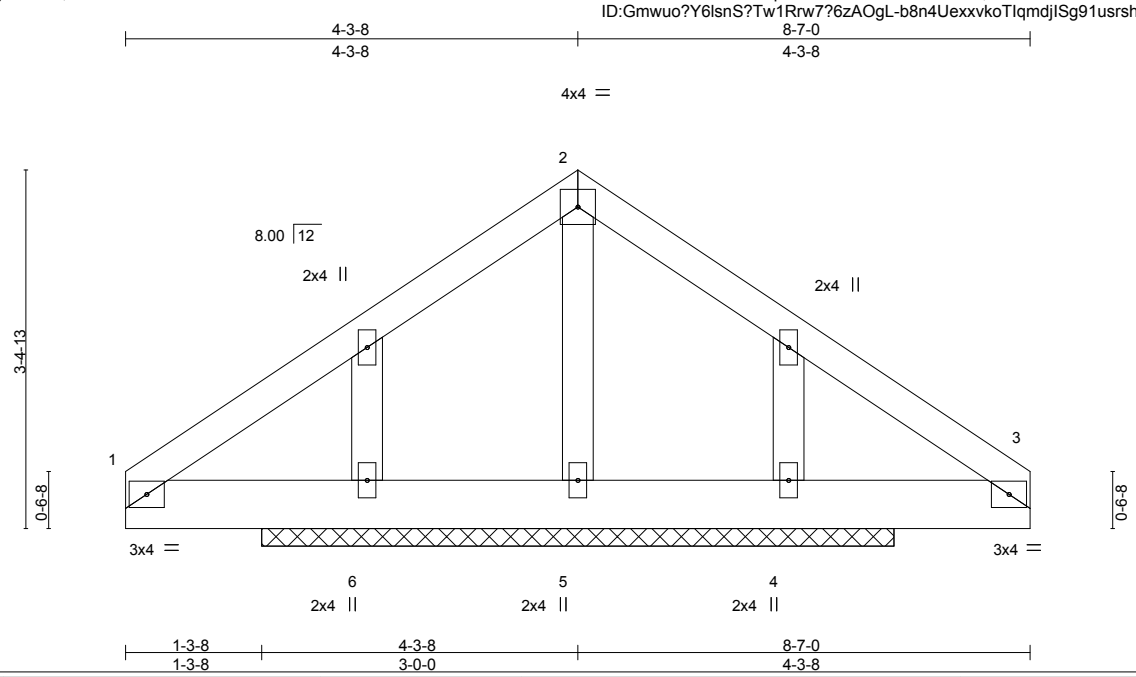

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.49	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 44 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 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.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=-914/6-0-0, 6=800/6-0-0, 4=800/6-0-0
Max Horz 6=-104(LC 4)
Max Uplift 5=-914(LC 1), 6=-283(LC 6), 4=-283(LC 7)
Max Grav 5=386(LC 7), 6=800(LC 1), 4=800(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-284/147, 2-3=-284/147

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=914, 6=283, 4=283.
8) Non Standard bearing condition. Review required.

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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	D2	COMMON	14	1	E9971864
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:00 2016 Page 1
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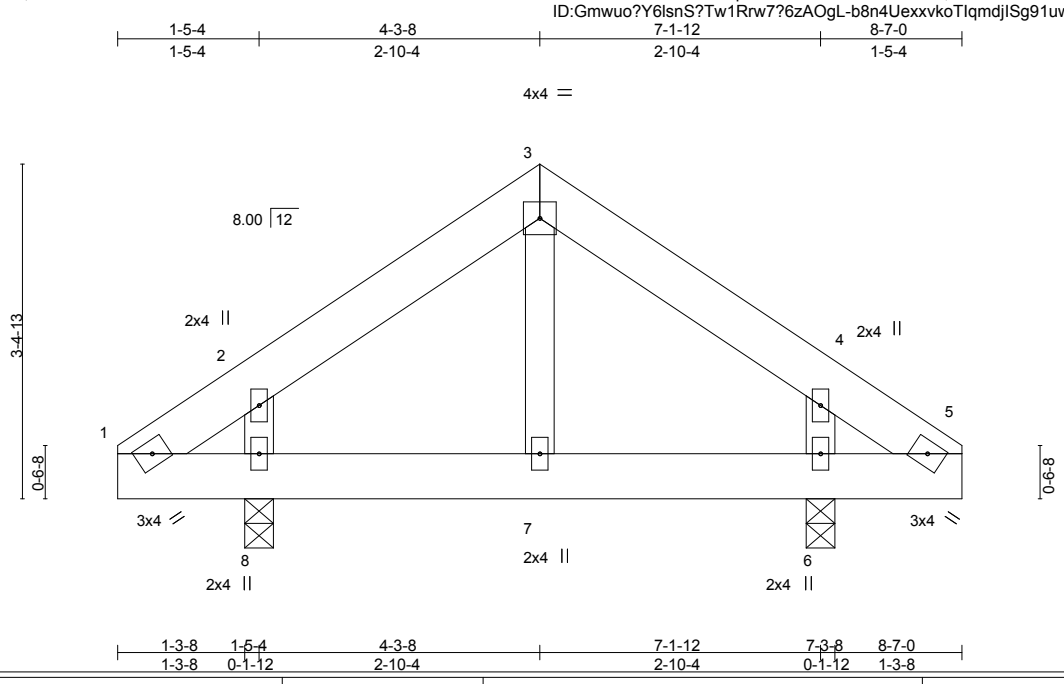


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	-0.00	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	8	>999	240	Weight: 50 lb	FT = 20%

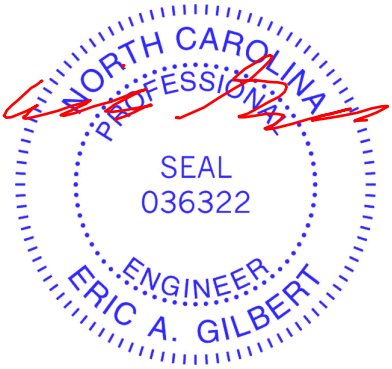
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3

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

REACTIONS. (lb/size) 8=343/0-3-8, 6=343/0-3-8
Max Horz 8=-81(LC 4)
Max Uplift 8=-29(LC 6), 6=-29(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 6.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J01	JACK-OPEN GIRDER	1	1	E9971865
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:01 2016 Page 1
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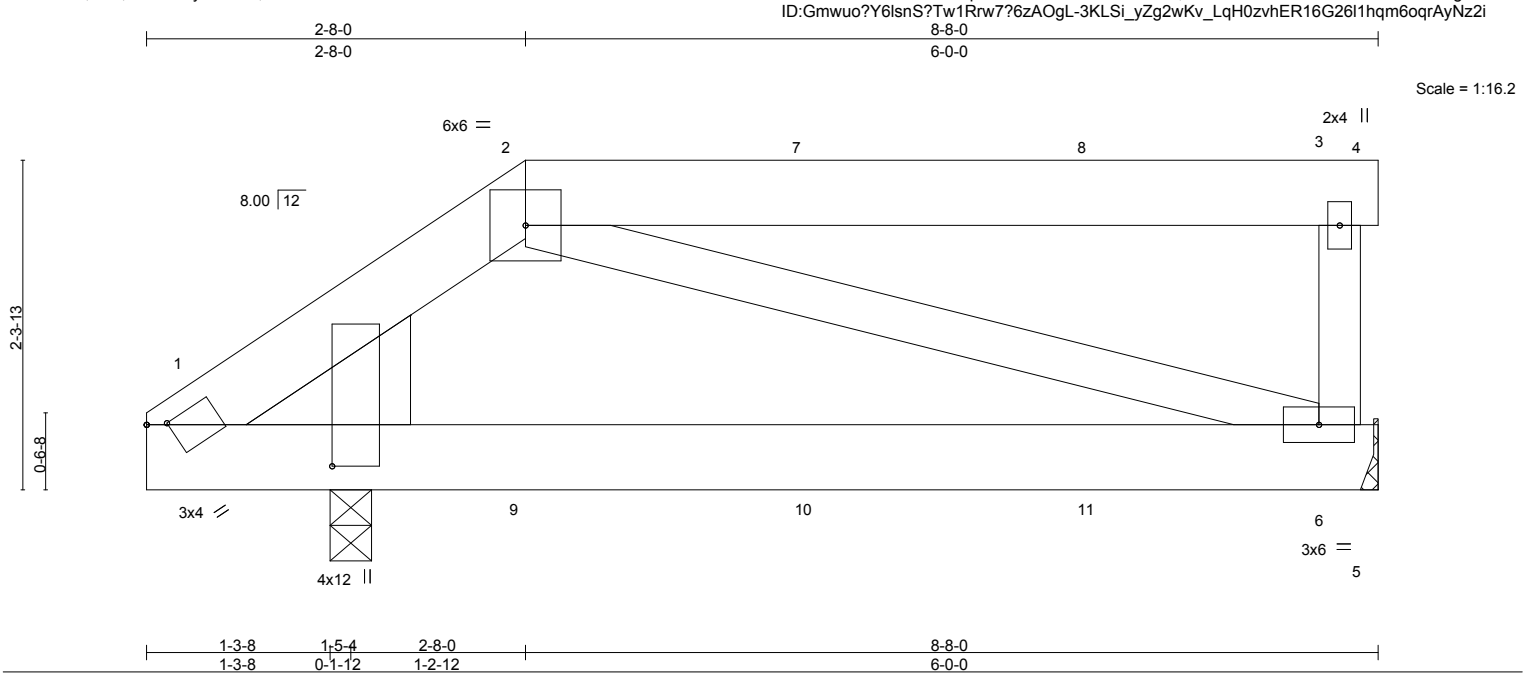

Plate Offsets (X,Y)-- [1:0-1-8,0-0-13], [1:0-3-8,1-3-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.07	1-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.40	Vert(TL)	-0.19	1-6	>516	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.22	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	1	****	240	Weight: 57 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x10 SP No.1

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.

REACTIONS. (lb/size) 6=423/Mechanical, 1=398/0-3-8
Max Horz 1=60(LC 5)
Max Uplift 6=-80(LC 4), 1=-57(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-403/144
BOT CHORD 1-6=-135/288
WEBS 2-6=-302/142

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 1.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 42 lb down and 41 lb up at 2-8-0, and 42 lb down and 41 lb up at 4-8-12, and 42 lb down and 41 lb up at 6-8-12 on top chord, and 28 lb down at 2-8-12, and 28 lb down at 4-8-12, and 28 lb down at 6-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-60, 2-3=-60, 3-4=-20, 1-5=-20
Concentrated Loads (lb)
Vert: 2=-42(B) 7=-42(B) 8=-42(B) 9=-14(B) 10=-14(B) 11=-14(B)

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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J02	JACK-OPEN	1	1	E9971866
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:01 2016 Page 1
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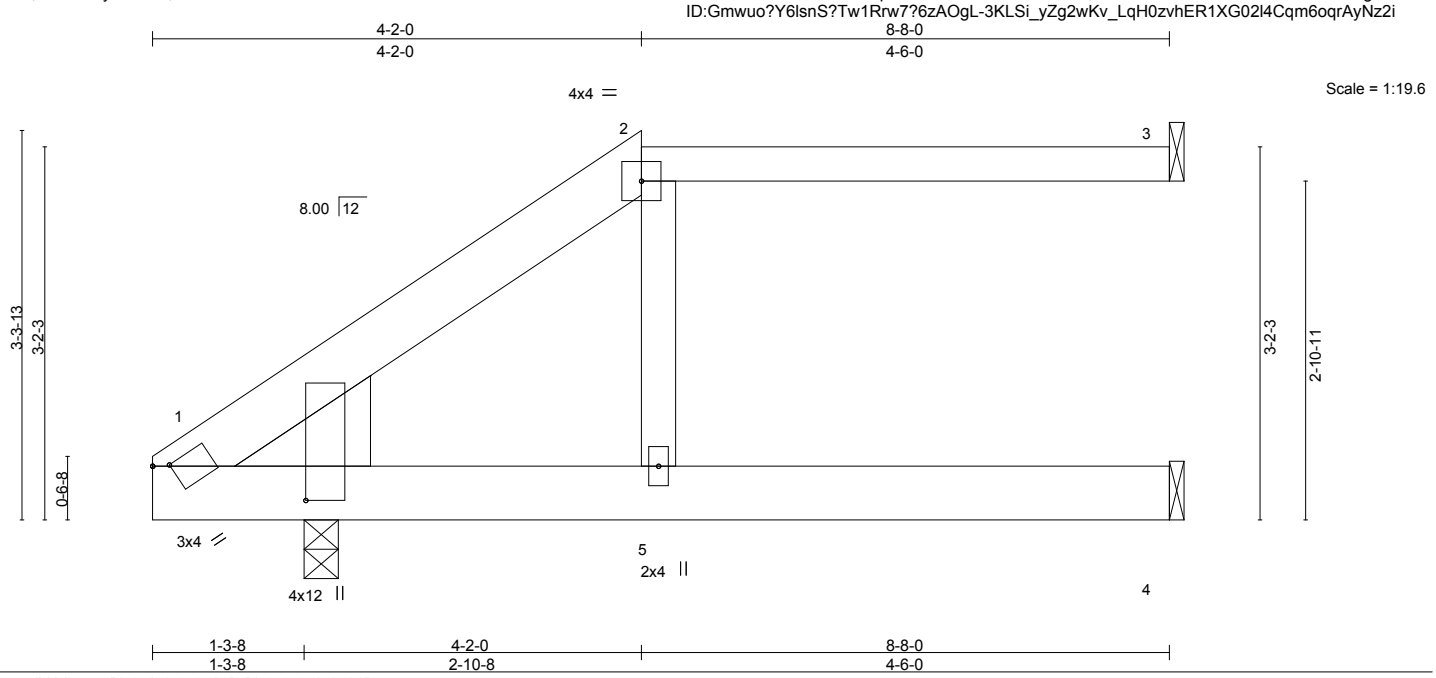

Plate Offsets (X,Y)-- [1:0-1-8,0-0-13], [1:0-3-8,1-3-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.10	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.53	Vert(TL)	-0.26	5	>378	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.19	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.09	5	>999	240	Weight: 47 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
2-3: 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x10 SP No.1

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.

REACTIONS. (lb/size) 3=133/Mechanical, 4=197/Mechanical, 1=330/0-3-8
Max Horz 1=90(LC 6)
Max Uplift 3=-57(LC 4), 1=-12(LC 6)
Max Grav 3=133(LC 1), 4=203(LC 2), 1=330(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 1.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J03	JACK-OPEN	1	1	E9971867
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:02 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-YWvqvJzBRM2BX7v0rjU8ES_EpfNmUW9z_mXOOcyNz2h

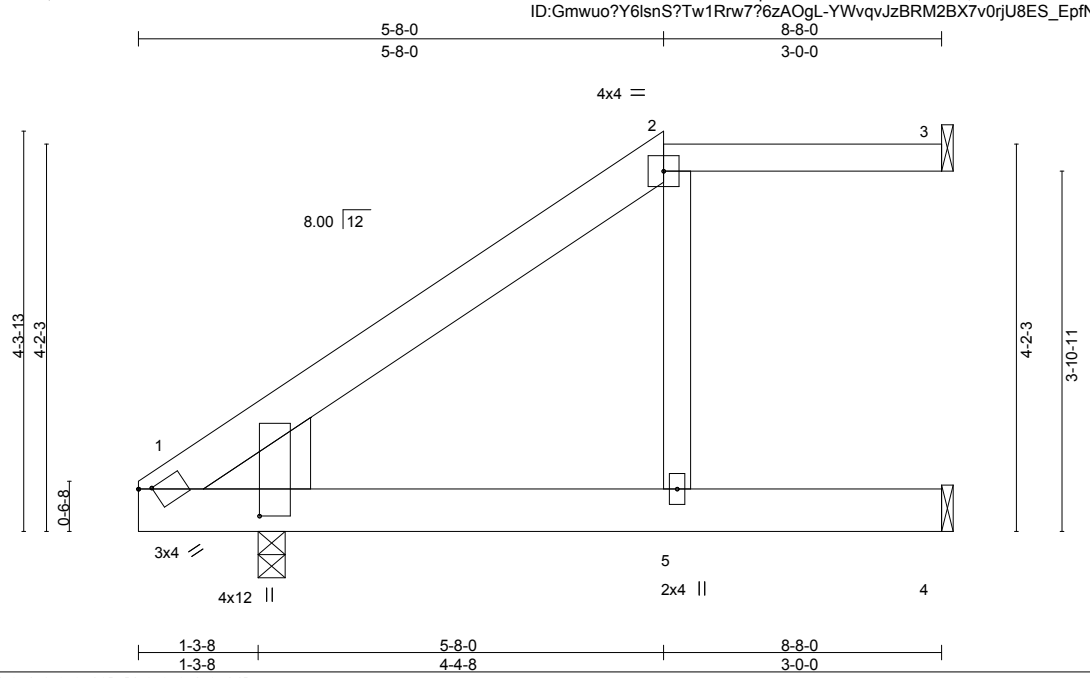

Plate Offsets (X,Y)-- [1:0-1-8,0-0-13], [1:0-3-8,1-3-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.08	1-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.50	Vert(TL)	-0.24	1-5	>410	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.15	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.08	1-5	>999	240	Weight: 50 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
2-3: 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x10 SP No.1

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.

REACTIONS. (lb/size) 3=88/Mechanical, 4=242/Mechanical, 1=330/0-3-8
Max Horz 1=122(LC 6)
Max Uplift 3=-38(LC 4), 4=-29(LC 6), 1=-7(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4, 1.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J04	JACK-OPEN	1	1	E9971868
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:02 2016 Page 1
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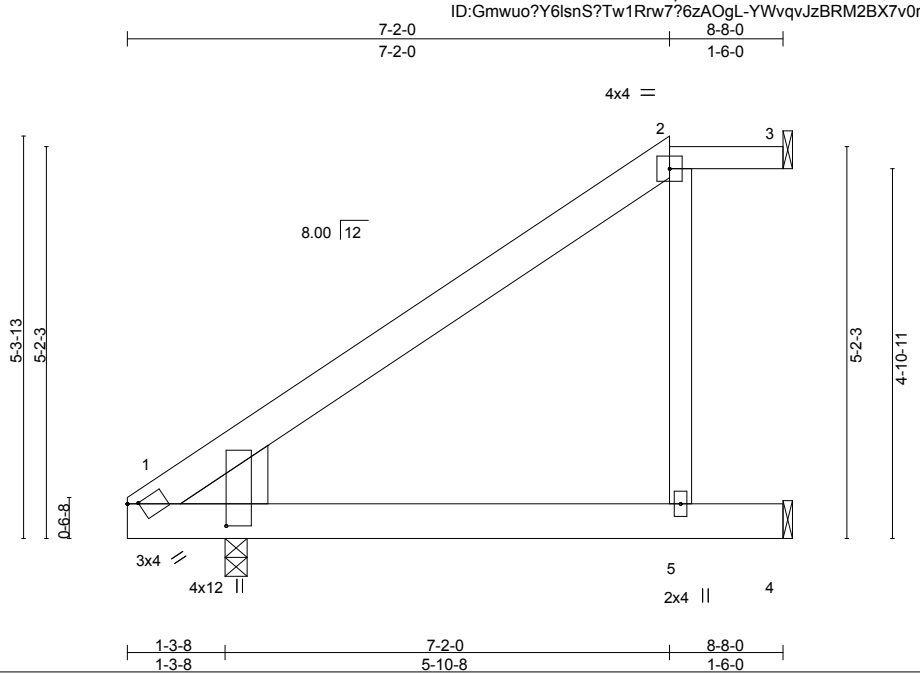

Plate Offsets (X,Y)-- [1:0-1-8,0-0-13], [1:0-3-8,1-3-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.06	1-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.32	Vert(TL)	-0.19	1-5	>521	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.07	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.05	1-5	>999	240	Weight: 54 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
2-3: 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x10 SP No.1

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.

REACTIONS. (lb/size) 3=43/Mechanical, 4=287/Mechanical, 1=330/0-3-8
Max Horz 1=154(LC 6)
Max Uplift 3=-19(LC 4), 4=-65(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J05	JACK-OPEN	2	1	E9971869
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:03 2016 Page 1
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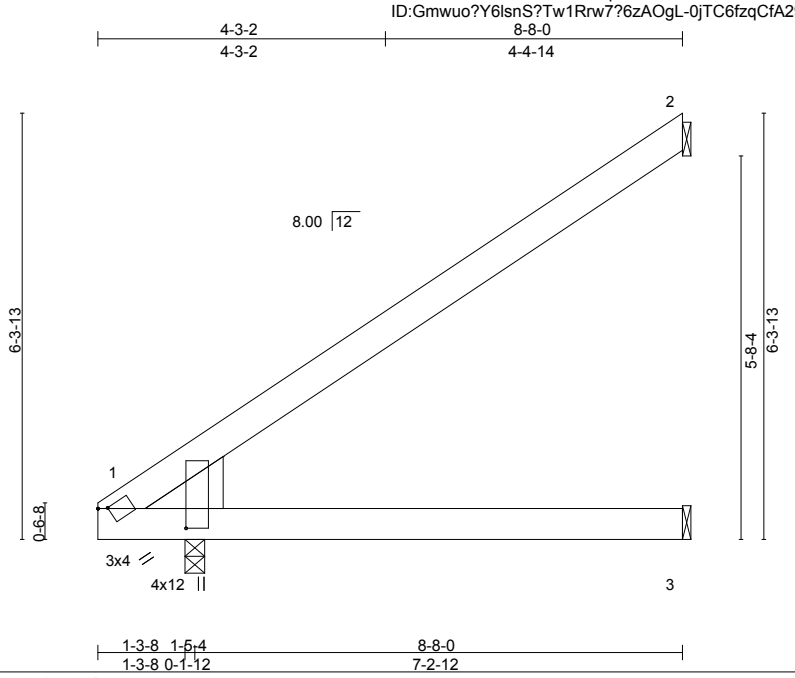

Plate Offsets (X,Y)-- [1:0-1-8,0-0-13], [1:0-3-8,1-3-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.45	Vert(LL)	-0.06	1-3	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(TL)	-0.16	1-3	>633	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	1	****	240	Weight: 49 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEDGE
Left: 2x10 SP No.1

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

REACTIONS. (lb/size) 2=247/Mechanical, 3=82/Mechanical, 1=330/0-3-8
Max Horz 1=186(LC 6)
Max Uplift 2=-148(LC 6)
Max Grav 2=247(LC 1), 3=165(LC 2), 1=330(LC 1)

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

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=148.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J07	JACK-CLOSED	1	1	E9971870
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:03 2016 Page 1
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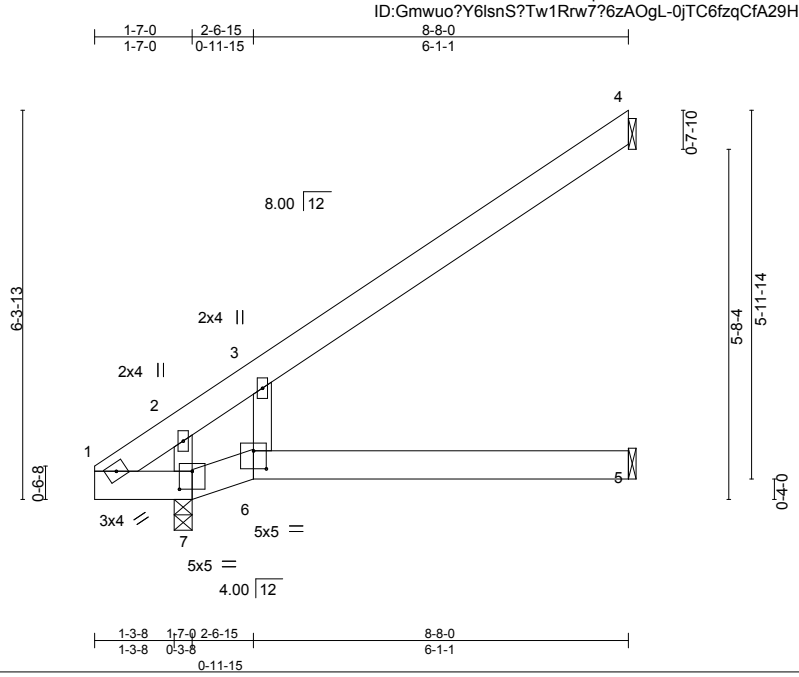

Plate Offsets (X,Y)-- [6:0-2-8,0-3-8], [7:0-2-8,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.03	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	-0.06	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.08	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.05	6	>999	240	Weight: 48 lb	FT = 20%

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 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=206/Mechanical, 7=422/0-3-8, 5=60/Mechanical
Max Horz 7=186(LC 6)
Max Uplift 4=-140(LC 6)
Max Grav 4=206(LC 1), 7=422(LC 1), 5=121(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-402/15

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=140.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J08	JACK-CLOSED	1	1	E9971871
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:04 2016 Page 1
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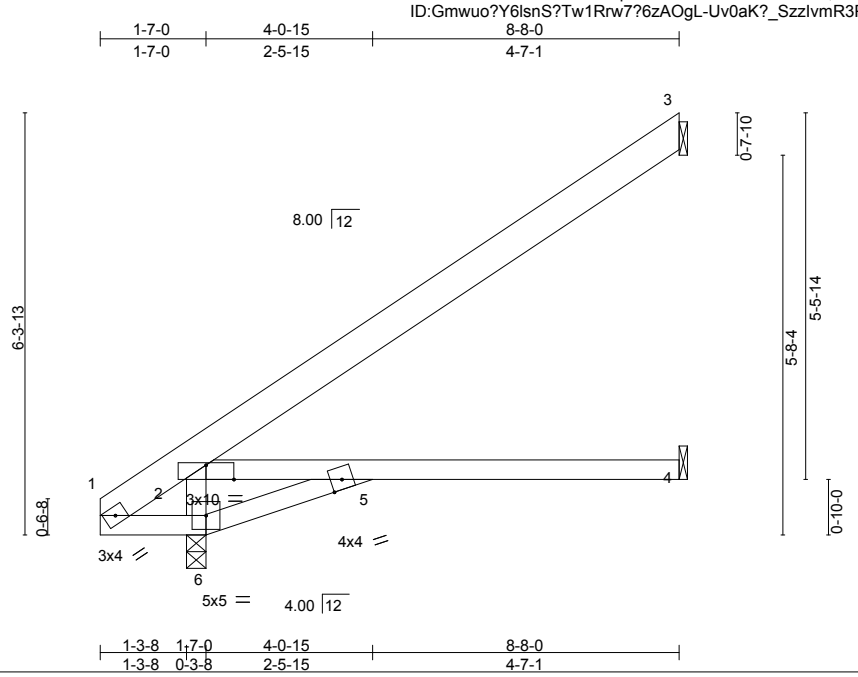


Plate Offsets (X,Y)-- [2:0-5-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	-0.08	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.31	Vert(TL)	-0.22	4-5	>385	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.09	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.10	4-5	>885	240	Weight: 43 lb	FT = 20%

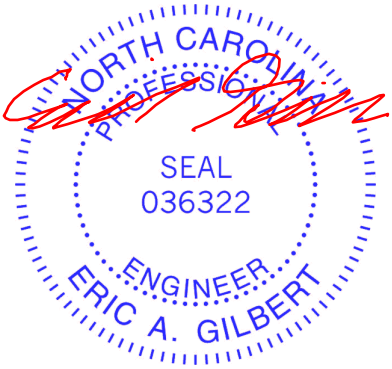
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3

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.

REACTIONS. (lb/size) 3=205/Mechanical, 6=465/0-3-8, 4=70/Mechanical
Max Horz 6=188(LC 6)
Max Uplift 3=-113(LC 6)
Max Grav 3=205(LC 1), 6=465(LC 1), 4=117(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 1-6=-255/0, 5-6=-314/0, 2-5=0/295
WEBS 2-6=-405/88

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=113.



October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J09	JACK-CLOSED	1	1	E9971872
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:04 2016 Page 1
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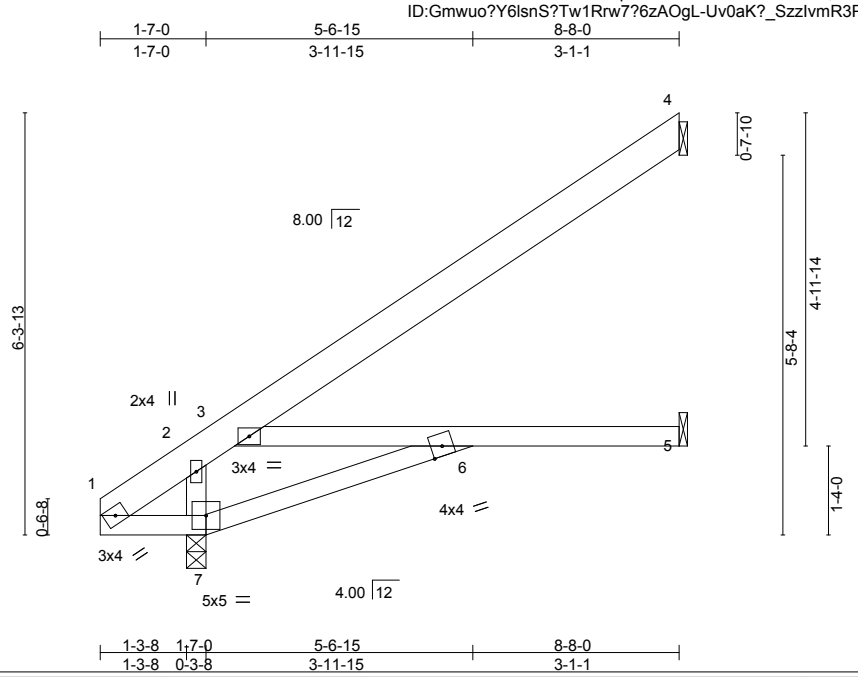

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.10	3-6	>803	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.49	Vert(TL)	-0.29	3-6	>291	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.09	5	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.09	6	>968	240	Weight: 44 lb	FT = 20%

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

REACTIONS. (lb/size) 4=201/Mechanical, 7=470/0-3-8, 5=88/Mechanical
Max Horz 7=188(LC 6)
Max Uplift 4=-102(LC 6)
Max Grav 4=201(LC 1), 7=470(LC 1), 5=140(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 6-7=-311/14, 3-6=-4/290
WEBS 2-7=-420/100

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=102.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J10	JACK-CLOSED	1	1	E9971873
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:05 2016 Page 1
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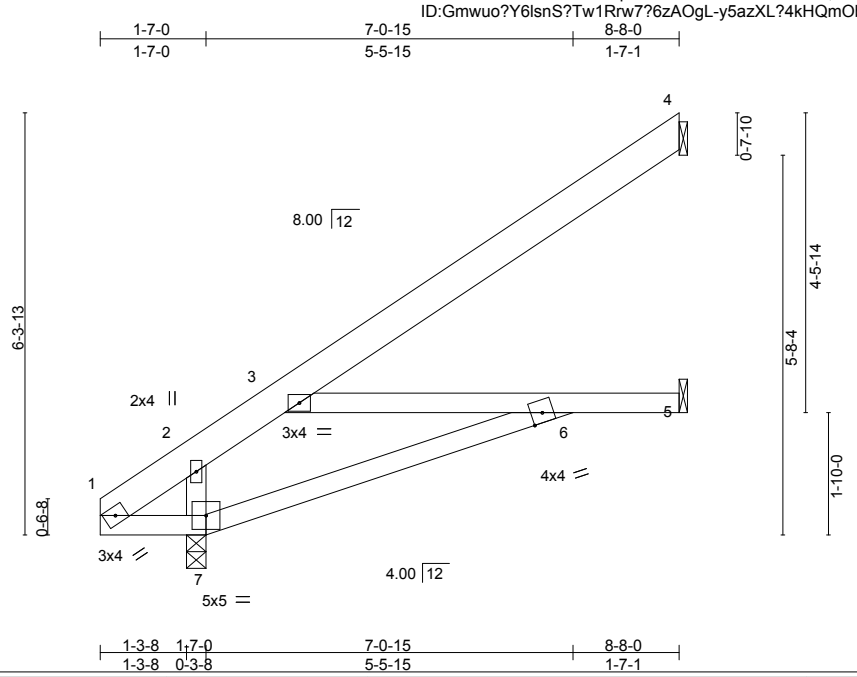

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	-0.09	3-6	>889	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.52	Vert(TL)	-0.26	3-6	>328	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.06	5	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.05	3-6	>999	240	Weight: 46 lb	FT = 20%

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

REACTIONS. (lb/size) 4=182/Mechanical, 7=467/0-3-8, 5=125/Mechanical
Max Horz 7=188(LC 6)
Max Uplift 4=-89(LC 6), 5=-3(LC 6)
Max Grav 4=182(LC 1), 7=467(LC 1), 5=193(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-257/109
BOT CHORD 6-7=-293/128, 3-6=-108/271
WEBS 2-7=-436/103

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J11	JACK-CLOSED	2	1	E9971874
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:05 2016 Page 1
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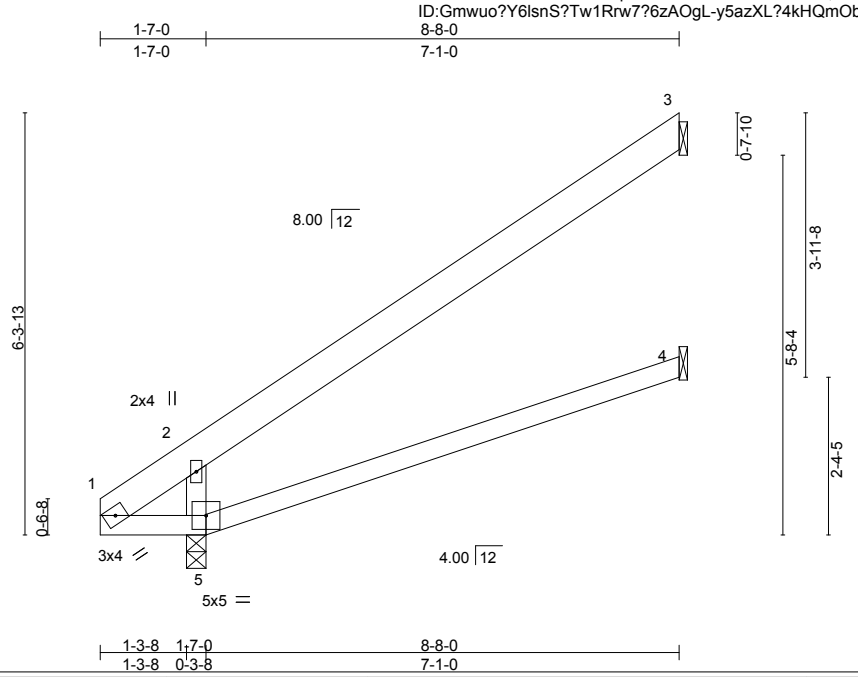

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.13	4-5	>627	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.48	Vert(TL)	-0.34	4-5	>251	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.08	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.00	5	****	240	Weight: 39 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x4 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 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=196/Mechanical, 5=422/0-3-8, 4=70/Mechanical
Max Horz 5=188(LC 6)
Max Uplift 3=-147(LC 6)
Max Grav 3=196(LC 1), 5=422(LC 1), 4=140(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-339/43

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=147.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J12	JACK-OPEN	1	1	E9971875
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:06 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-QI8LIh0iVaYc0lDn4ZY4OI8uBHoQQJHZvOVbXNyNz2d

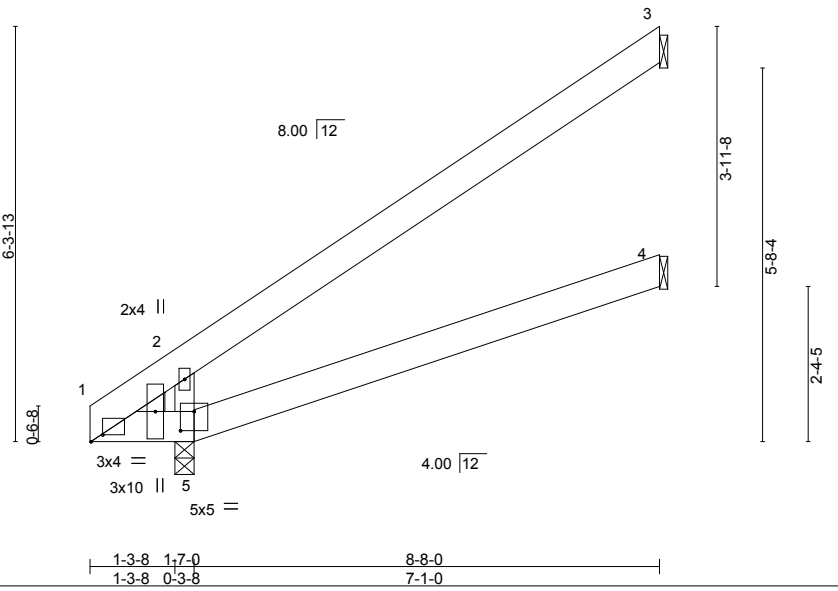

Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [5:0-2-8,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.03	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(TL)	-0.09	4-5	>972	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.08	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	5	****	240	Weight: 48 lb	FT = 20%

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

REACTIONS. (lb/size) 3=197/Mechanical, 5=420/0-3-8, 4=70/Mechanical
Max Horz 5=186(LC 6)
Max Uplift 3=-145(LC 6)
Max Grav 3=197(LC 1), 5=420(LC 1), 4=140(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-338/46

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=145.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J13	JACK-OPEN	1	1	E9971876
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:06 2016 Page 1
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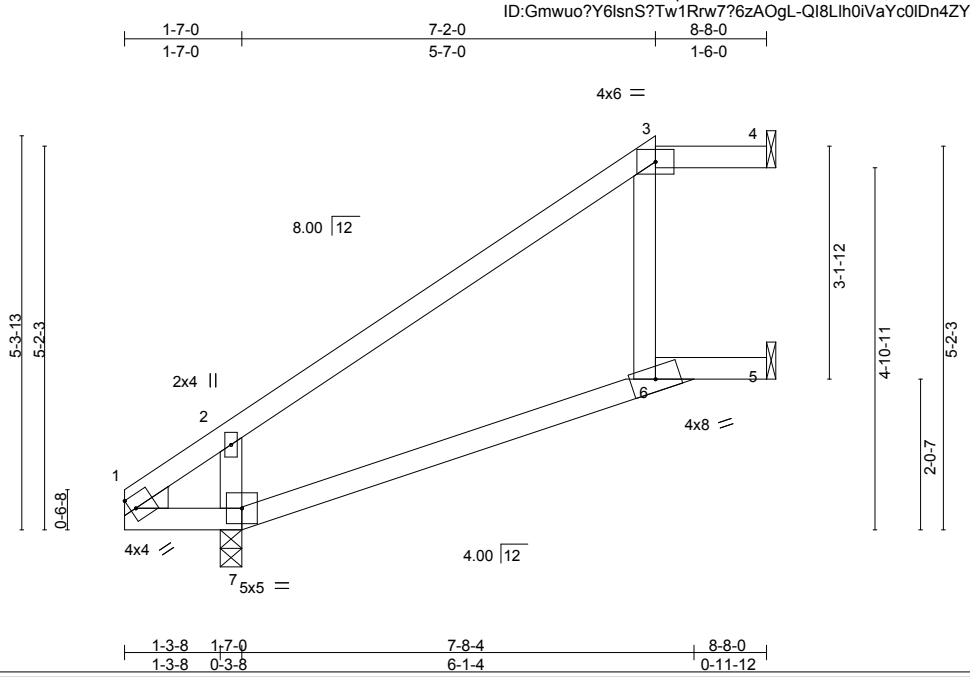


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.11	6-7	>762	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.44	Vert(TL)	-0.29	6-7	>288	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.29	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.18	6-7	>462	240	Weight: 36 lb	FT = 20%

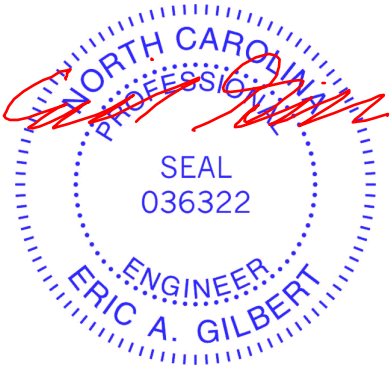
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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.

REACTIONS. (lb/size) 4=110/Mechanical, 7=422/0-3-8, 5=156/Mechanical
Max Horz 7=158(LC 6)
Max Uplift 4=-14(LC 5), 5=-63(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-326/200

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5.



October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J14	JACK-OPEN	1	1	E9971877
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:07 2016 Page 1
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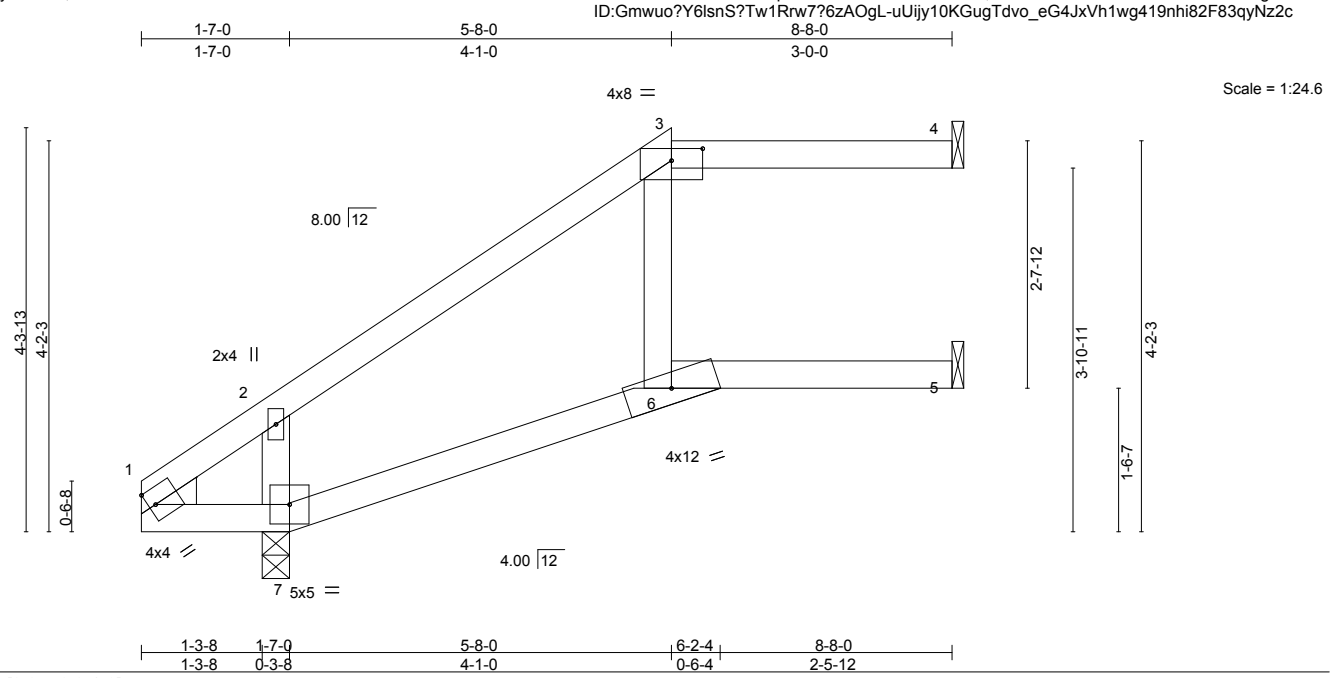

Plate Offsets (X,Y)-- [3:0-4-0,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.12	6-7	>702	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.50	Vert(TL)	-0.30	6-7	>281	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.35	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.15	6-7	>546	240	Weight: 35 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 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.

REACTIONS. (lb/size) 4=151/Mechanical, 7=422/0-3-8, 5=116/Mechanical
Max Horz 7=126(LC 6)
Max Uplift 4=-39(LC 5), 7=-11(LC 6), 5=-15(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-283/155

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 7, 5.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J15	JACK-OPEN	1	1	E9971878
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:07 2016 Page 1
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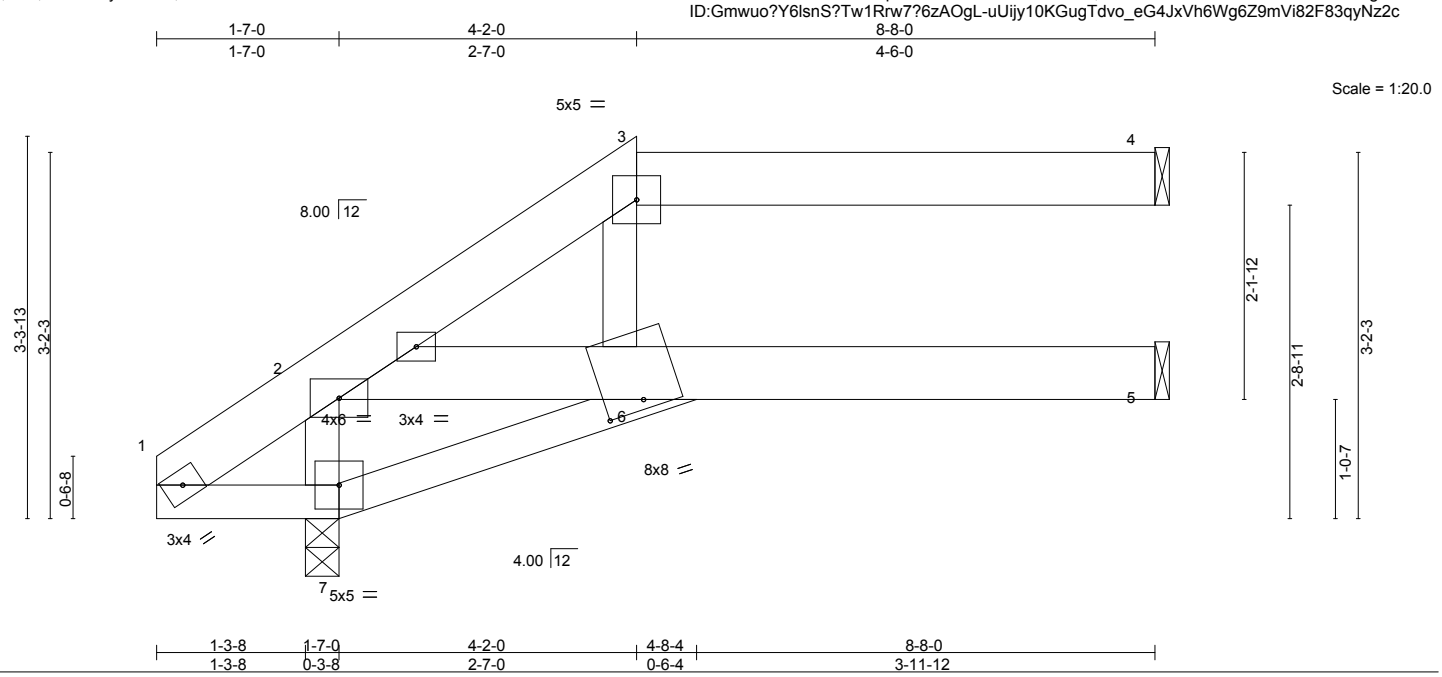

Plate Offsets (X,Y)-- [6:0-4-0,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.04	5-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.33	Vert(TL)	-0.12	5-6	>725	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.12	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.05	5-6	>999	240	Weight: 49 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x4 SP No.1 *Except*
2-5: 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.

REACTIONS. (lb/size) 4=133/Mechanical, 7=422/0-3-8, 5=133/Mechanical
Max Horz 7=91(LC 6)
Max Uplift 4=-57(LC 4), 7=-19(LC 6)
Max Grav 4=133(LC 1), 7=422(LC 1), 5=156(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-349/135

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 7.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J16	JACK-OPEN GIRDER	1	1	E9971879
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:08 2016 Page 1
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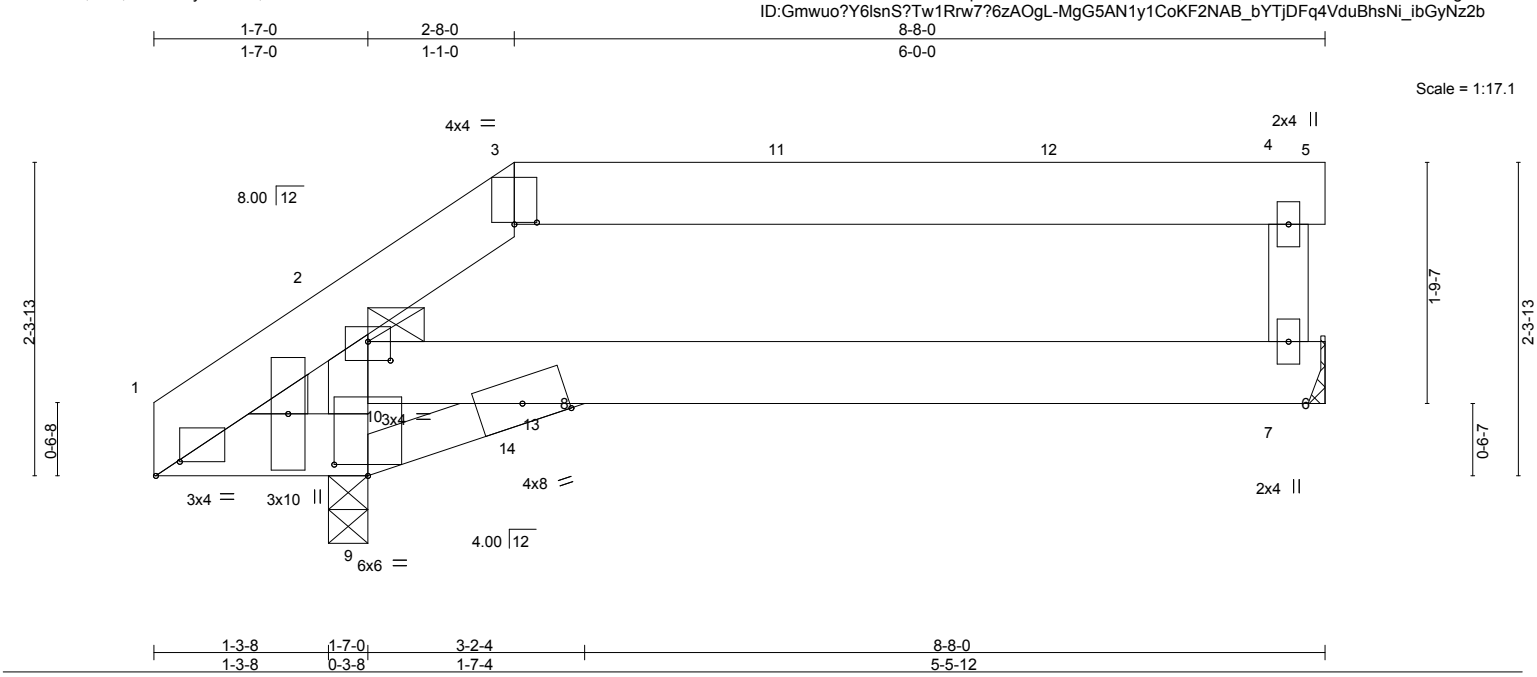

Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [3:0-2-0,0-0-3], [9:0-3-0,0-1-0], [10:0-2-0,0-1-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	-0.02	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.05	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.01	7	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	7-8	>999	240	Weight: 48 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
8-9: 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 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.

REACTIONS. (lb/size) 9=352/0-3-8, 7=201/Mechanical
Max Horz 9=60(LC 5)
Max Uplift 9=-68(LC 5), 7=-75(LC 3)
Max Grav 9=366(LC 11), 7=236(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 9-10=-363/143, 2-10=-323/131

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 7.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 19 lb up at 2-8-0, and 53 lb up at 4-8-12, and 53 lb up at 6-8-12 on top chord, and 25 lb up at 2-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 4-5=-20, 1-9=-20, 8-9=-20, 6-8=-20
Concentrated Loads (lb)
Vert: 3=15(F) 11=53(F) 12=53(F) 13=7(F)

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J17A	JACK-OPEN GIRDER	1	1	E9971880
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:09 2016 Page 1
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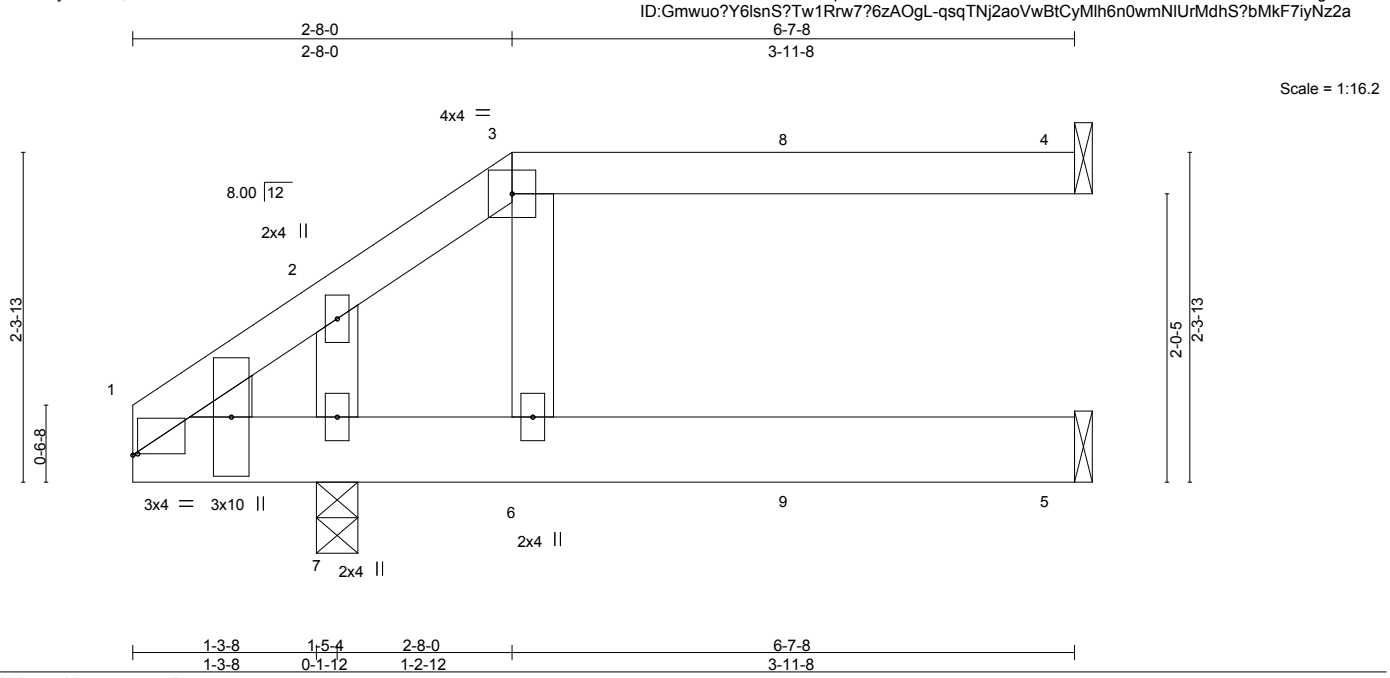

Plate Offsets (X,Y)-- [1:0-0-6,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.01	5-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(TL)	-0.04	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.04	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.01	5-6	>999	240	Weight: 31 lb	FT = 20%

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

REACTIONS. (lb/size) 4=139/Mechanical, 5=99/Mechanical, 7=398/0-3-8
Max Horz 7=62(LC 5)
Max Uplift 4=-63(LC 3), 7=-52(LC 5)
Max Grav 4=139(LC 1), 5=133(LC 2), 7=398(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 7.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 42 lb down and 41 lb up at 2-8-0, and 42 lb down and 41 lb up at 4-8-12 on top chord, and 28 lb down at 2-8-12, and 28 lb down at 4-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 1-5=-20
Concentrated Loads (lb)
Vert: 3=-42(B) 6=-14(B) 8=-42(B) 9=-14(B)

October 31,2016

ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J17B	JACK-OPEN	1	1	E9971881
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:09 2016 Page 1
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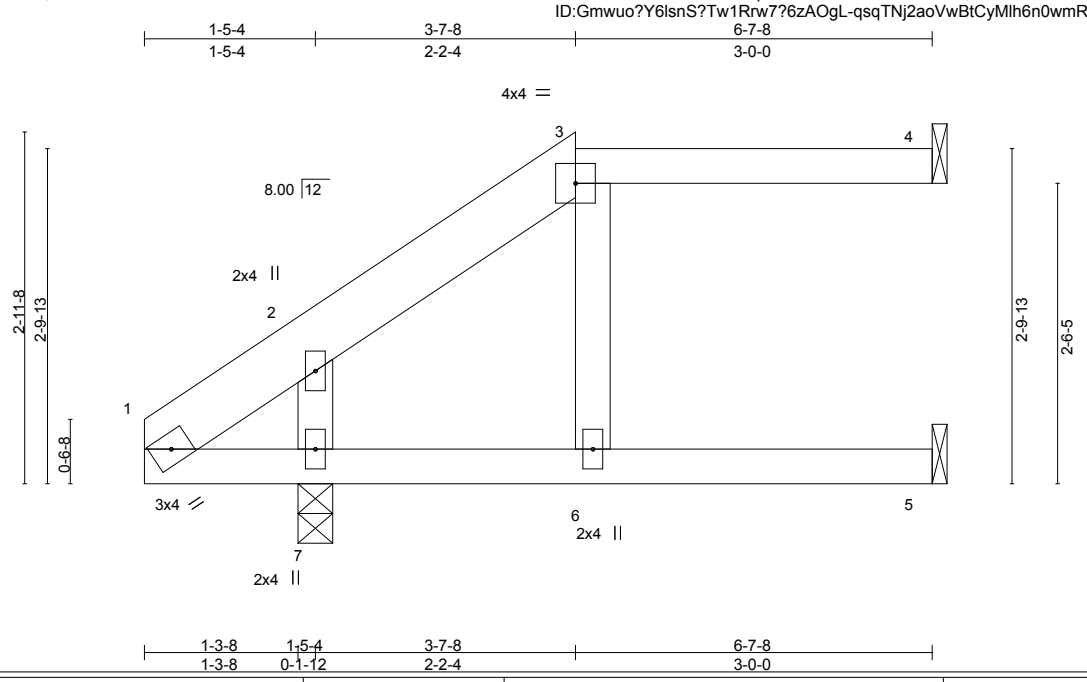


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.04	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	Vert(TL)	-0.12	5-6	>534	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.12	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.05	6	>999	240	Weight: 29 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
3-4: 2x4 SP No.1
BOT CHORD 2x4 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 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=88/Mechanical, 5=101/Mechanical, 7=336/0-3-8
Max Horz 7=81(LC 6)
Max Uplift 4=-38(LC 4), 5=-7(LC 6), 7=-13(LC 6)
Max Grav 4=88(LC 1), 5=112(LC 2), 7=336(LC 1)

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

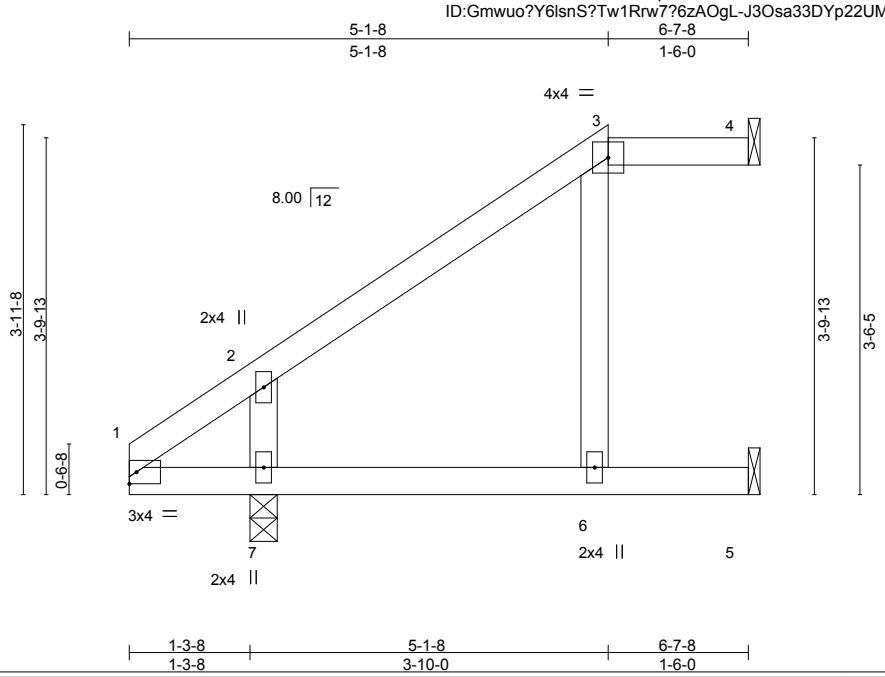
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5, 7.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J17C	JACK-OPEN	1	1	E9971882
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:10 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-J3Osa33DYp22UMXYJPd0Z8Jb0u6TM8e8q0Tpg8yNz2Z



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(TL)	-0.12	6-7	>532	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.14	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.07	6-7	>893	240	Weight: 28 lb	FT = 20%

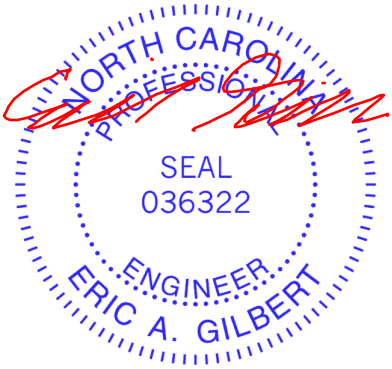
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=43/Mechanical, 5=146/Mechanical, 7=336/0-3-8
Max Horz 7=114(LC 6)
Max Uplift 4=-19(LC 4), 5=-43(LC 6), 7=-1(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5, 7.

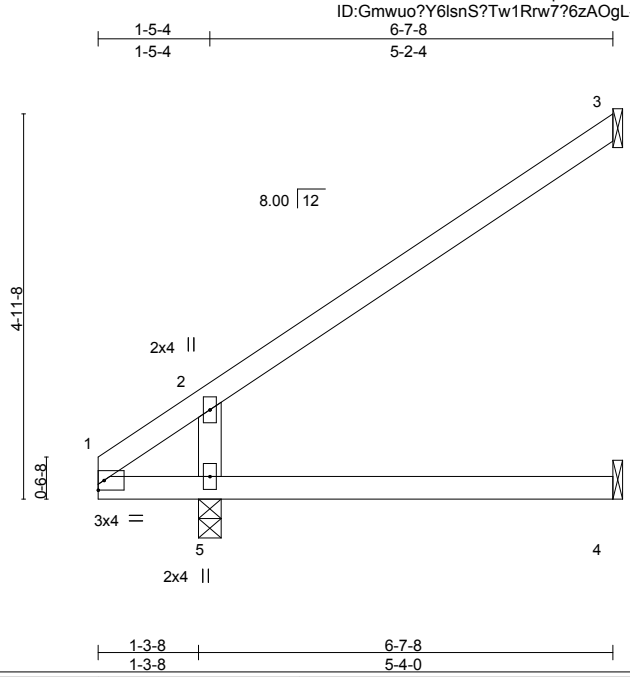


October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J18	JACK-OPEN	12	1	E9971883
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:10 2016 Page 1
ID:Gmwuo?Y6lsnS?Tw1Rrw7?6zAOgL-J3Osa33DYp22UMXYJPd0Z8JZvu8TM8R8q0Tpg8yNz2Z



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.02	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(TL)	-0.07	4-5	>877	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.07	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.04	4-5	>999	240	Weight: 23 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 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 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=135/Mechanical, 4=54/Mechanical, 5=336/0-3-8
Max Horz 5=148(LC 6)
Max Uplift 3=-89(LC 6), 4=-1(LC 6)
Max Grav 3=135(LC 1), 4=92(LC 2), 5=336(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-284/191

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J19	JACK-CLOSED	1	1	E9971884
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309

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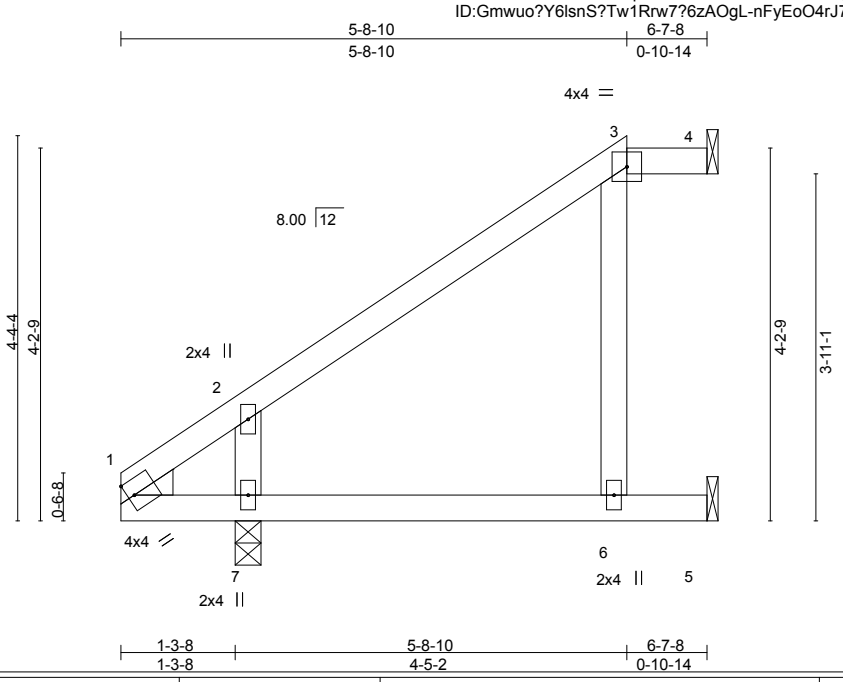


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	-0.03	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(TL)	-0.10	6-7	>645	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.10	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.06	6-7	>986	240	Weight: 29 lb	FT = 20%

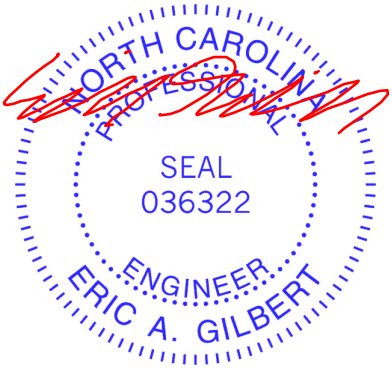
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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.

REACTIONS. (lb/size) 4=25/Mechanical, 5=164/Mechanical, 7=336/0-3-8
Max Horz 7=127(LC 6)
Max Uplift 4=-11(LC 4), 5=-60(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5.



October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J20	COMMON	4	1	E9971885
					Job Reference (optional)

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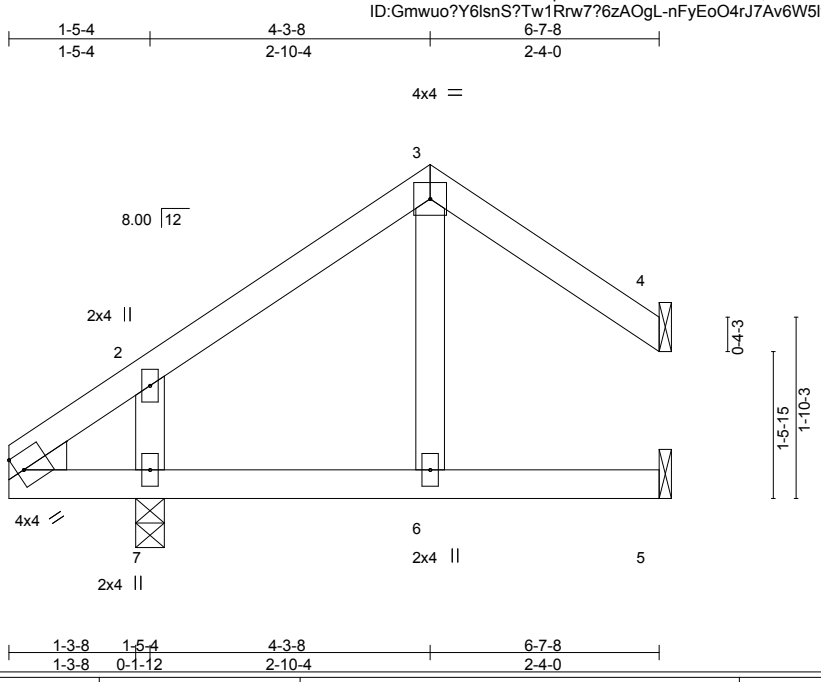


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	-0.05	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.40	Vert(TL)	-0.12	6	>499	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.23	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.05	6	>999	240	Weight: 28 lb	FT = 20%

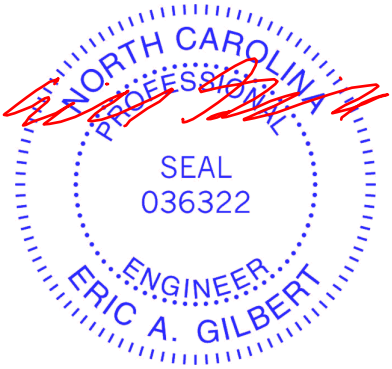
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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.

REACTIONS. (lb/size) 4=68/Mechanical, 5=121/Mechanical, 7=336/0-3-8
Max Horz 7=84(LC 5)
Max Uplift 4=-39(LC 7), 5=-3(LC 5), 7=-21(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5, 7.



October 31,2016

ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J22	JACK-OPEN	5	1	E9971886
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:12 2016 Page 1
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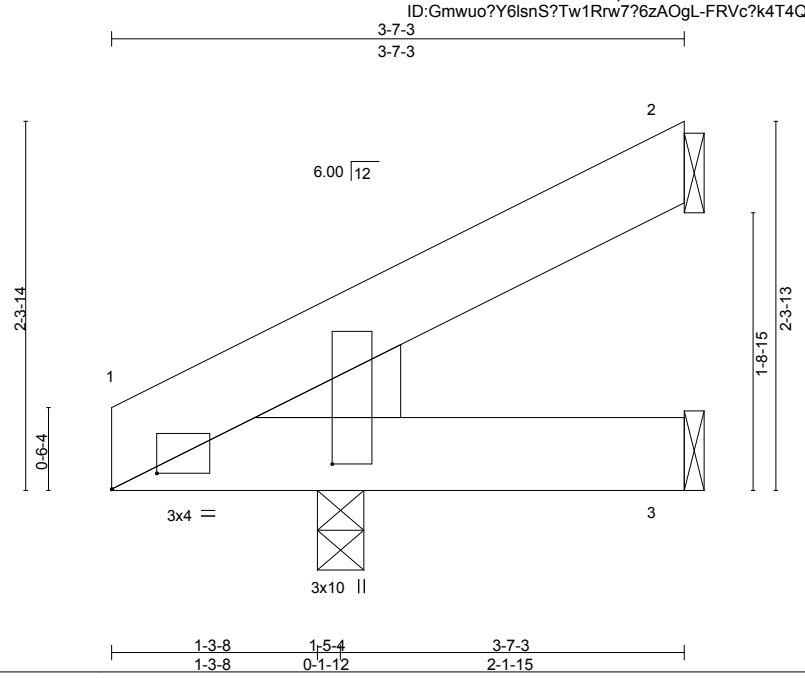

Plate Offsets (X,Y)-- [1:0-3-6,0-1-3], [1:0-1-14,1-4-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	-0.00	1-3	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	-0.00	1-3	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	1	****	240	Weight: 20 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=102/Mechanical, 3=34/Mechanical, 1=136/0-3-8
Max Horz 1=58(LC 6)
Max Uplift 2=-50(LC 6), 1=-2(LC 6)
Max Grav 2=102(LC 1), 3=68(LC 2), 1=136(LC 1)

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

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 1.

October 31,2016

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J23	JACK-OPEN	1	1	E9971887
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:12 2016 Page 1
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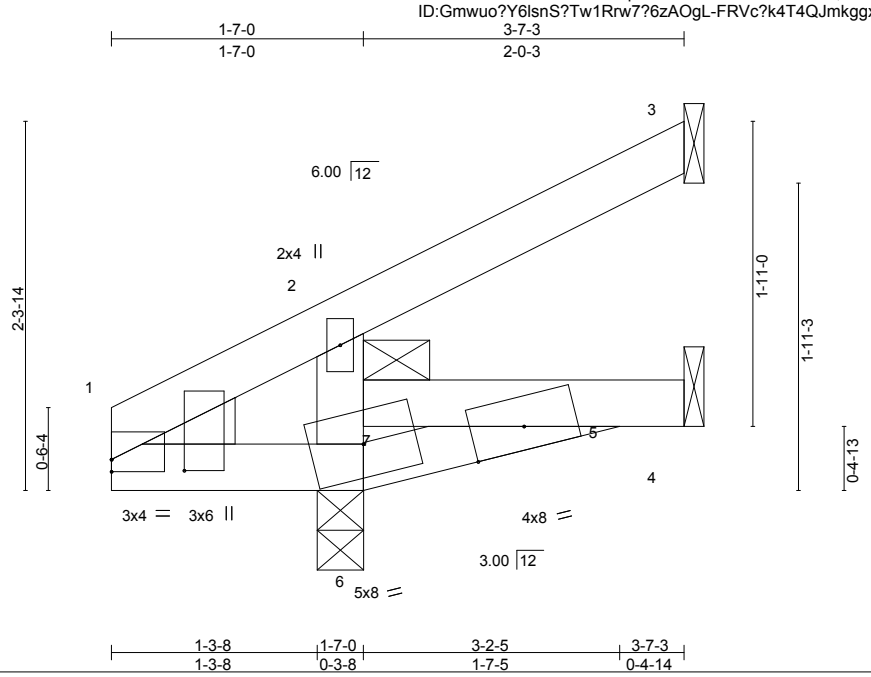

Plate Offsets (X,Y)-- [1:0-0-0,0-0-15], [1:0-0-13,0-5-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	-0.00	5-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.00	7	>999	240	Weight: 16 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=45/Mechanical, 6=278/0-3-8, 4=-5/Mechanical
Max Horz 6=64(LC 6)
Max Uplift 3=-27(LC 6), 4=-5(LC 1)
Max Grav 3=45(LC 1), 6=278(LC 1), 4=34(LC 2)

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

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4.

October 31,2016

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	J24	JACK-OPEN	2	1	E9971888
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:12 2016 Page 1
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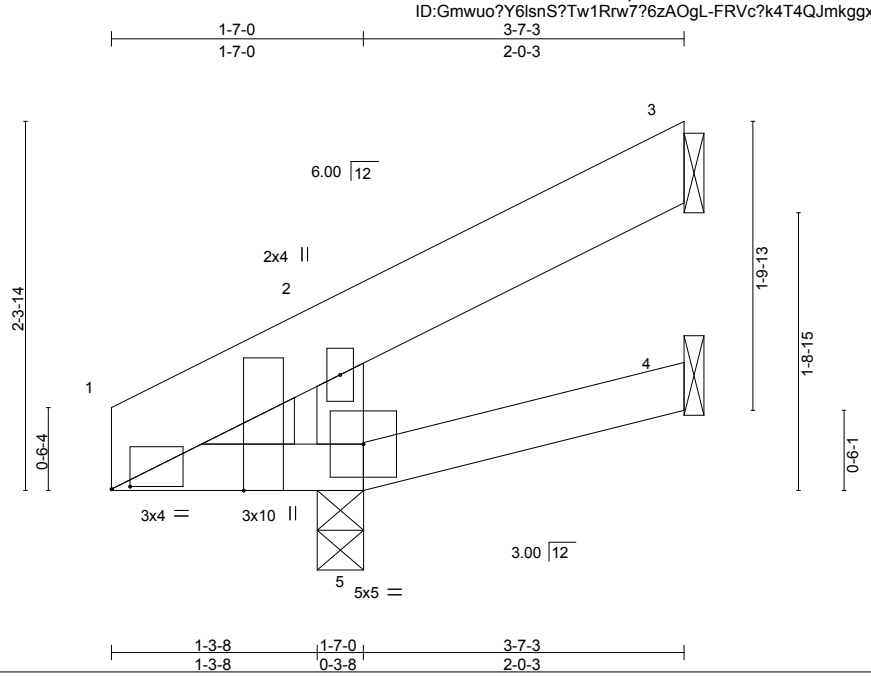

Plate Offsets (X,Y)-- [1:0-1-6,0-0-3], [1:0-0-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	-0.00	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	-0.00	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	-0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	5	****	240	Weight: 17 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=7/Mechanical, 5=256/0-3-8, 4=20/Mechanical
Max Horz 5=61(LC 6)
Max Uplift 3=-42(LC 6), 5=-3(LC 6)
Max Grav 3=7(LC 1), 5=256(LC 1), 4=39(LC 2)

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

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 5.

October 31,2016

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V01	GABLE	3	1	E9971889
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:13 2016 Page 1
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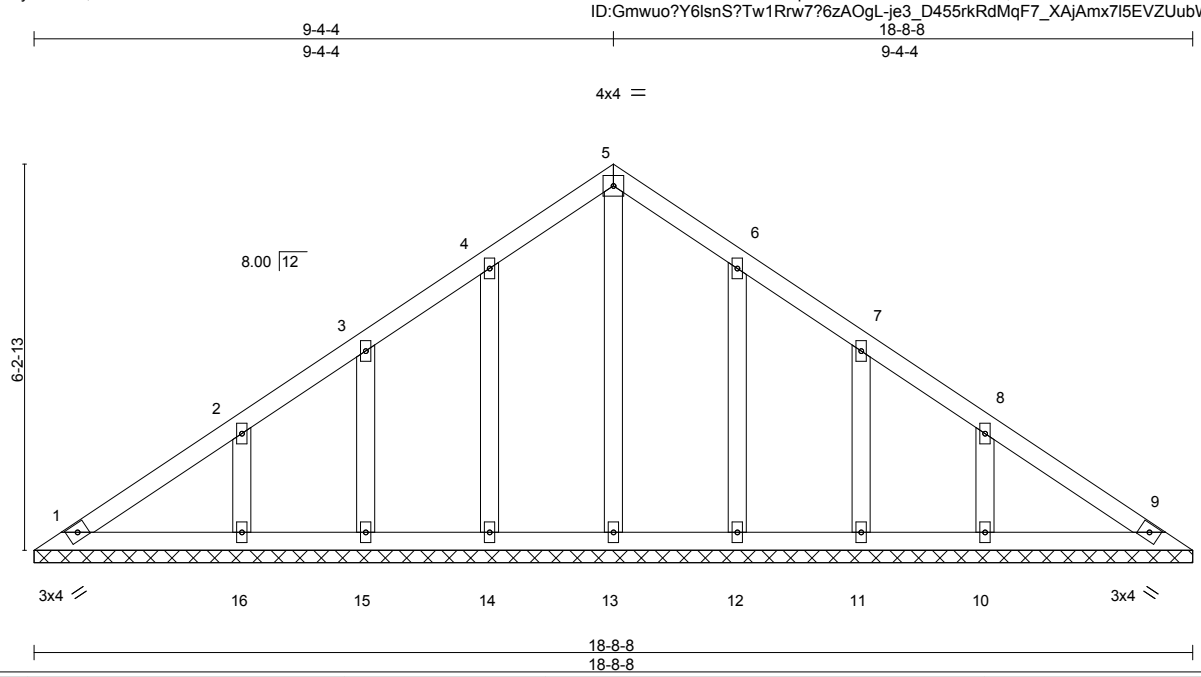

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 95 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.

REACTIONS. All bearings 18-8-8.
(lb) - Max Horz 1=-206(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 14, 15, 12, 11 except 16=-132(LC 6), 10=-132(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 13, 14, 15, 16, 12, 11, 10

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 14, 15, 12, 11 except (jt=lb) 16=132, 10=132.

October 31,2016

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V02	VALLEY	3	1	E9971890
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:14 2016 Page 1
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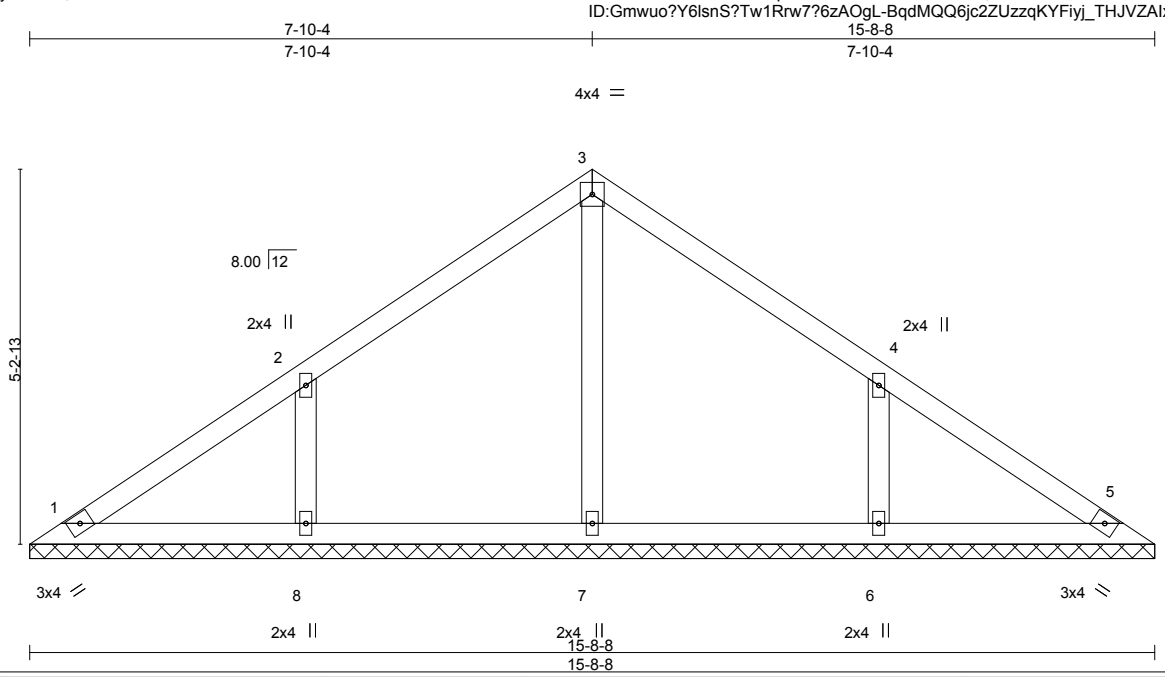


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 63 lb	FT = 20%

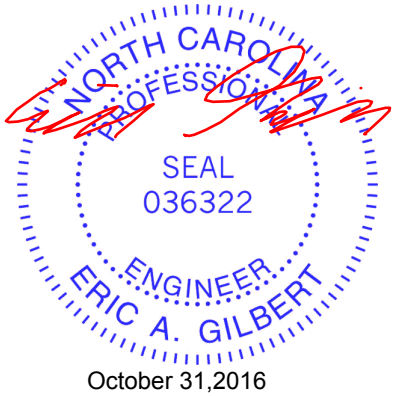
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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.

REACTIONS. All bearings 15-8-8.
(lb) - Max Horz 1=-137(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-111(LC 6), 6=-111(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=349(LC 10), 6=349(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-263/173, 4-6=-263/173

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
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=111, 6=111.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V03	VALLEY	3	1	E9971891
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:14 2016 Page 1
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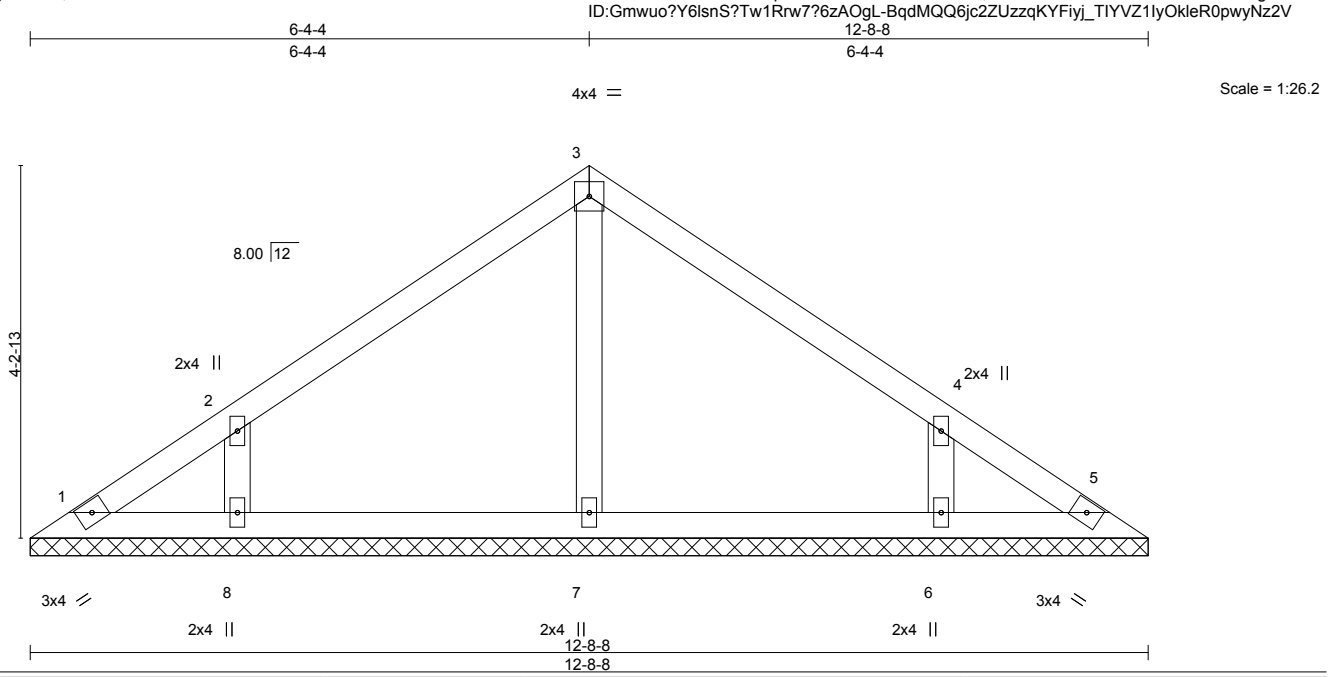


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 48 lb	FT = 20%

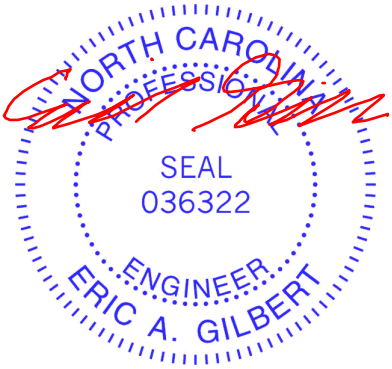
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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.

REACTIONS. All bearings 12-8-8.
(lb) - Max Horz 1=-109(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=262(LC 1), 8=297(LC 10), 6=297(LC 11)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V04	VALLEY	3	1	E9971892
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:15 2016 Page 1
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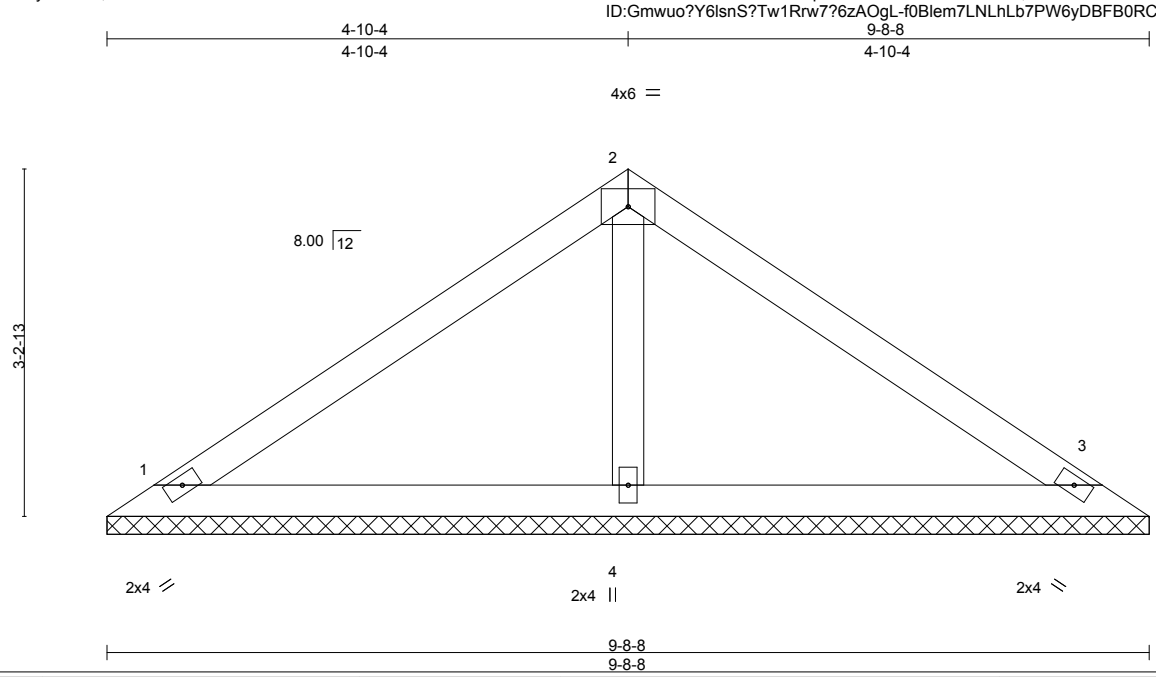

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 34 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.

REACTIONS. (lb/size) 1=175/9-8-8, 3=175/9-8-8, 4=349/9-8-8
Max Horz 1=-81(LC 4)
Max Uplift 1=-24(LC 6), 3=-31(LC 7), 4=-3(LC 6)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V05	VALLEY	3	1	E9971893
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:15 2016 Page 1
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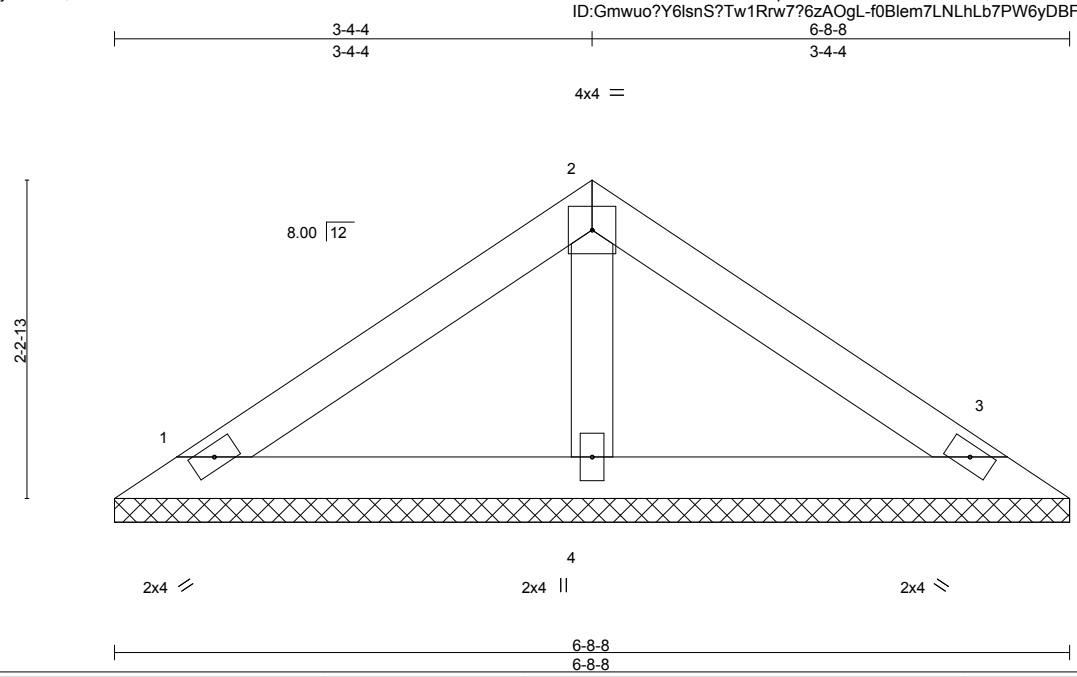


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 23 lb	FT = 20%

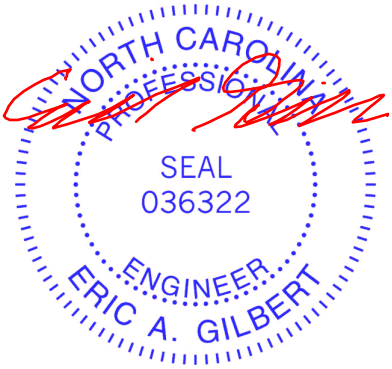
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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.

REACTIONS. (lb/size) 1=126/6-8-8, 3=126/6-8-8, 4=208/6-8-8
Max Horz 1=-53(LC 4)
Max Uplift 1=-21(LC 6), 3=-26(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	V06	VALLEY	3	1	E9971894
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:16 2016 Page 1
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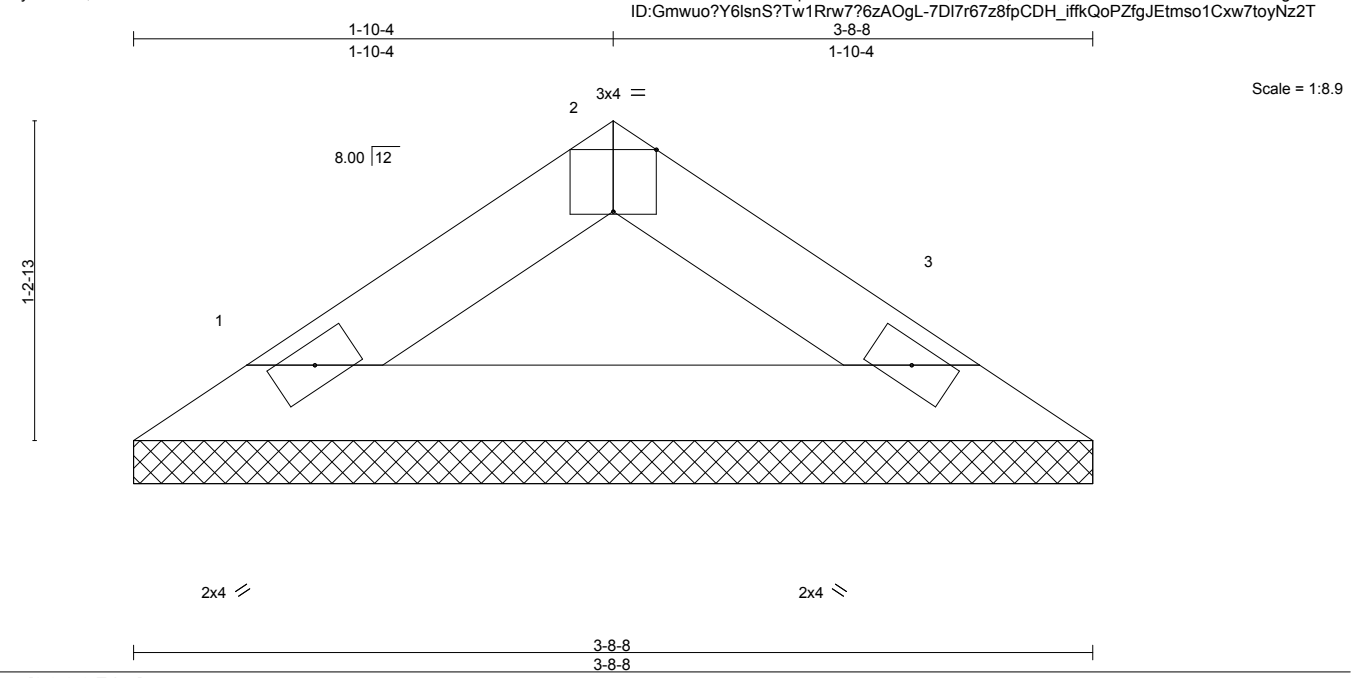


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 11 lb	FT = 20%

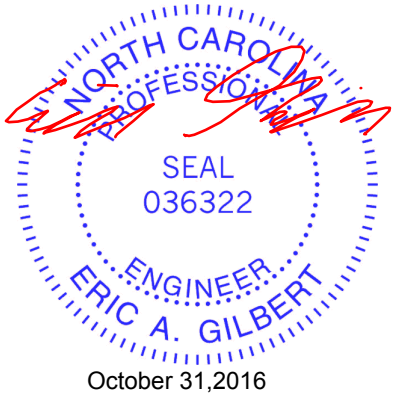
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=110/3-8-8, 3=110/3-8-8
Max Horz 1=-25(LC 4)
Max Uplift 1=-8(LC 6), 3=-8(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	VC01	VALLEY	4	1	E9971895
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:16 2016 Page 1
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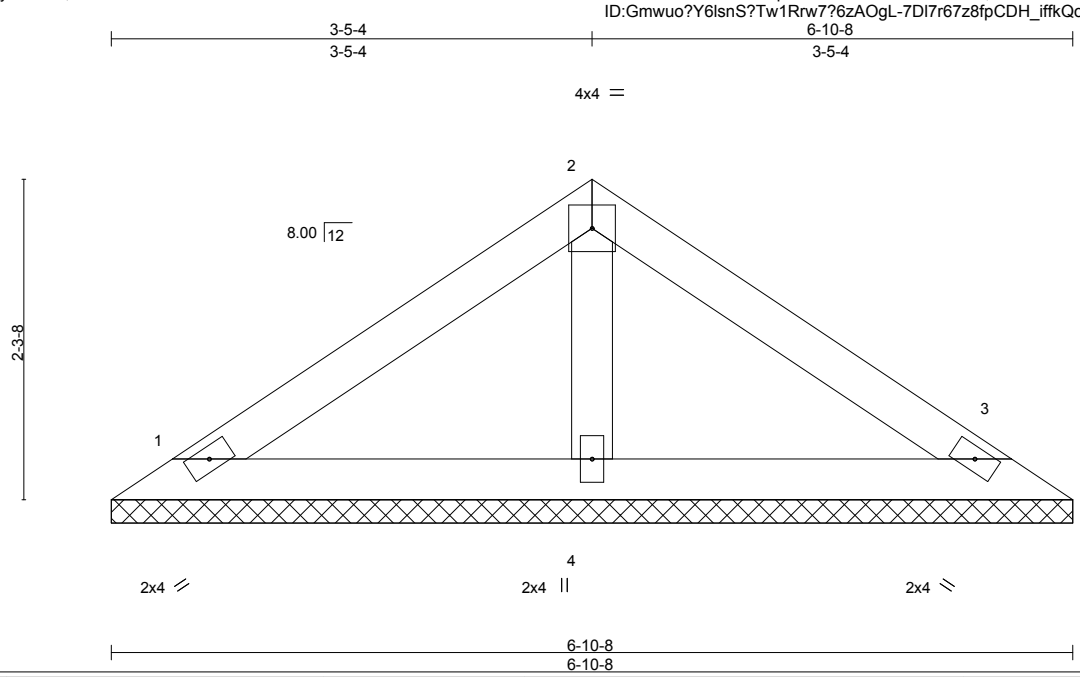


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 23 lb	FT = 20%

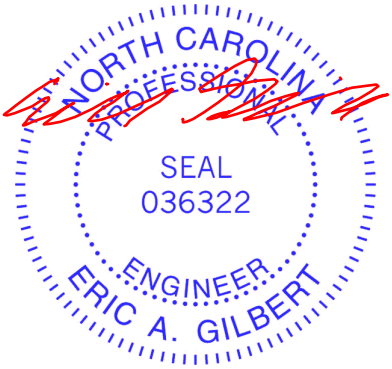
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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.

REACTIONS. (lb/size) 1=130/6-10-8, 3=130/6-10-8, 4=214/6-10-8
Max Horz 1=-55(LC 4)
Max Uplift 1=-22(LC 6), 3=-26(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	VC02	VALLEY	4	1	E9971896
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:17 2016 Page 1
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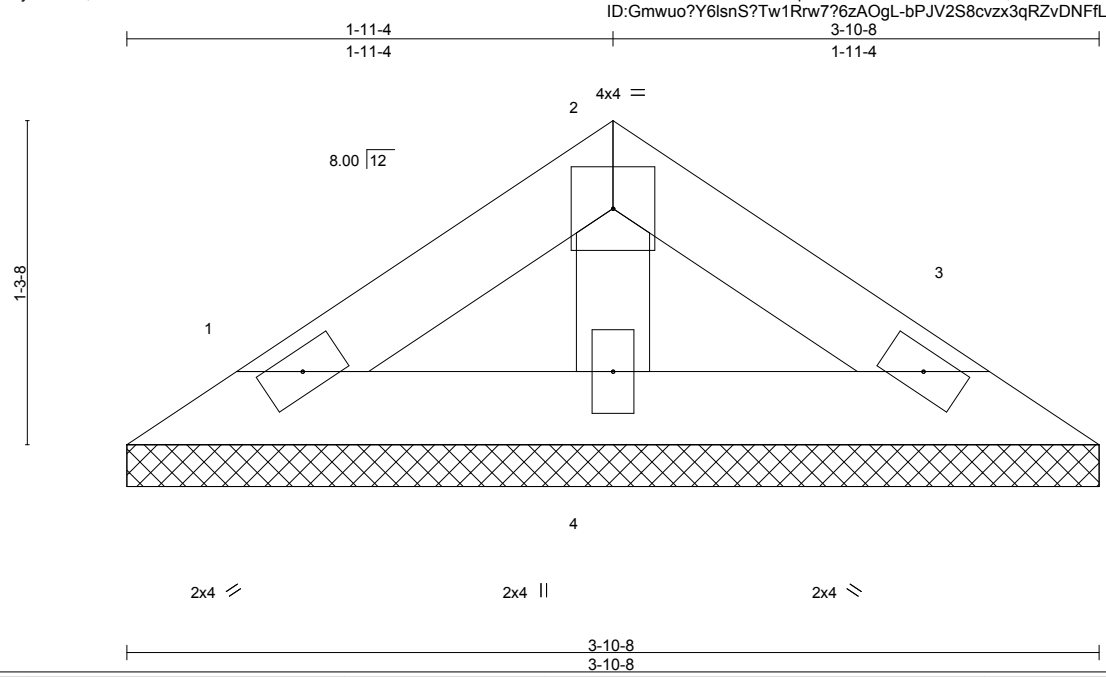

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 12 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 3-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=64/3-10-8, 3=64/3-10-8, 4=105/3-10-8
Max Horz 1=-27(LC 4)
Max Uplift 1=-11(LC 6), 3=-13(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

October 31,2016

ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	VD01	VALLEY	6	1	E9971897
					Job Reference (optional)

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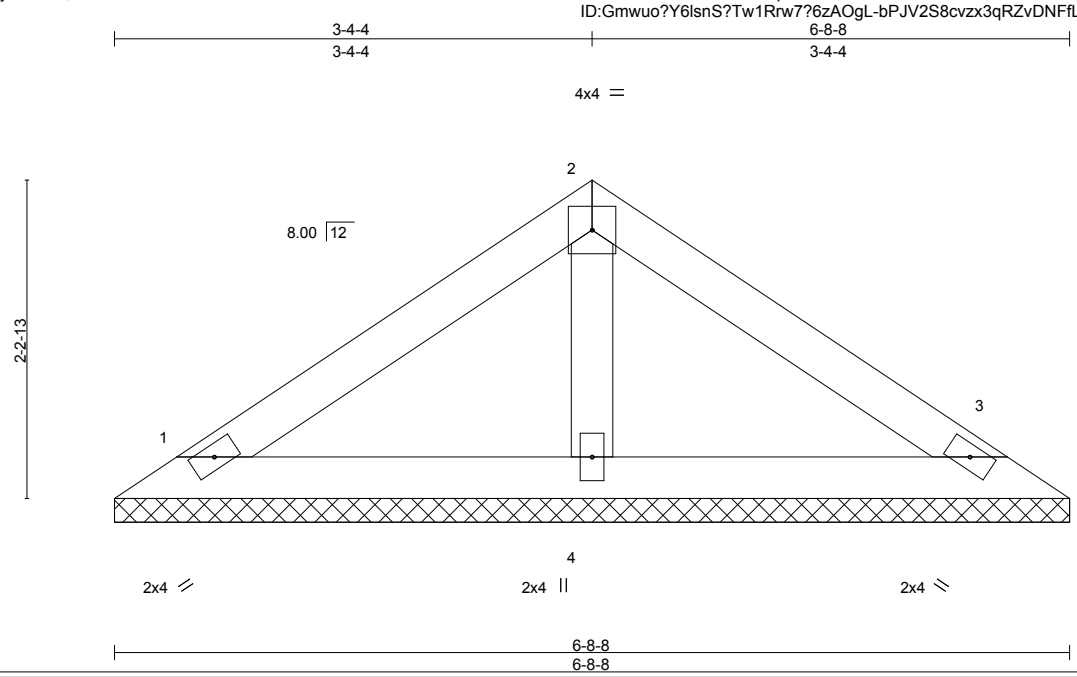


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 23 lb	FT = 20%

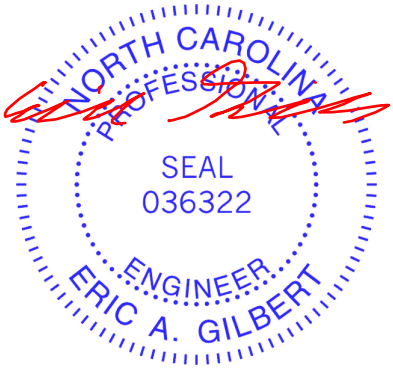
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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.

REACTIONS. (lb/size) 1=126/6-8-8, 3=126/6-8-8, 4=208/6-8-8
Max Horz 1=-53(LC 4)
Max Uplift 1=-21(LC 6), 3=-26(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Campbell Pointe Bldg. 21
J1016-5166	VD02	VALLEY	6	1	E9971898
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Mon Oct 31 07:28:18 2016 Page 1
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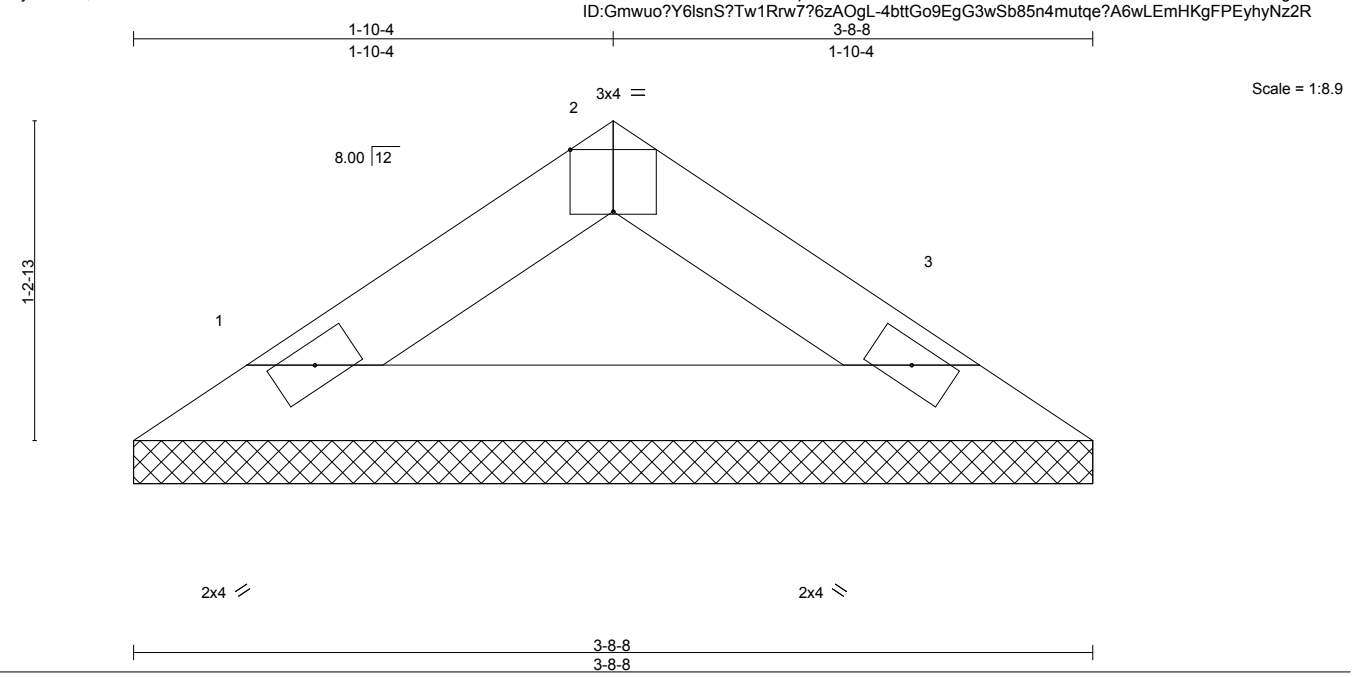

Plate Offsets (X,Y)-- [2:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 11 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=110/3-8-8, 3=110/3-8-8
Max Horz 1=-25(LC 4)
Max Uplift 1=-8(LC 6), 3=-8(LC 7)

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 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

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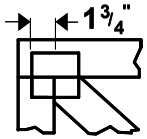
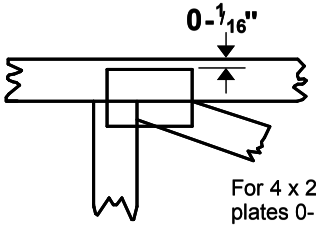
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

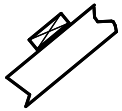
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

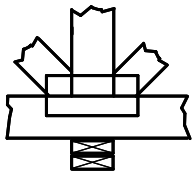
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

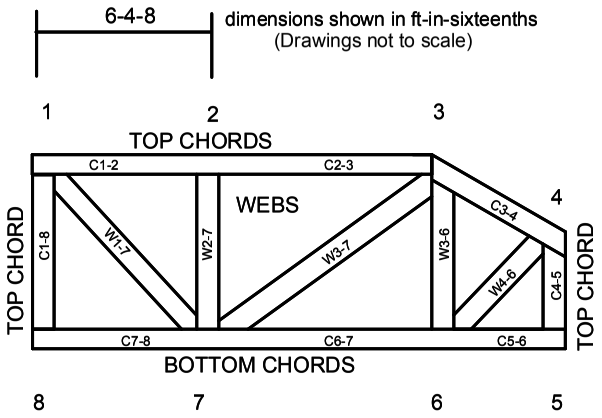


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek

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General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.