ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: J1116-5386
Jason Price / Campbell Pointe Bldg. 19

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: E9981822 thru E9981872

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.

November 2,2016

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.

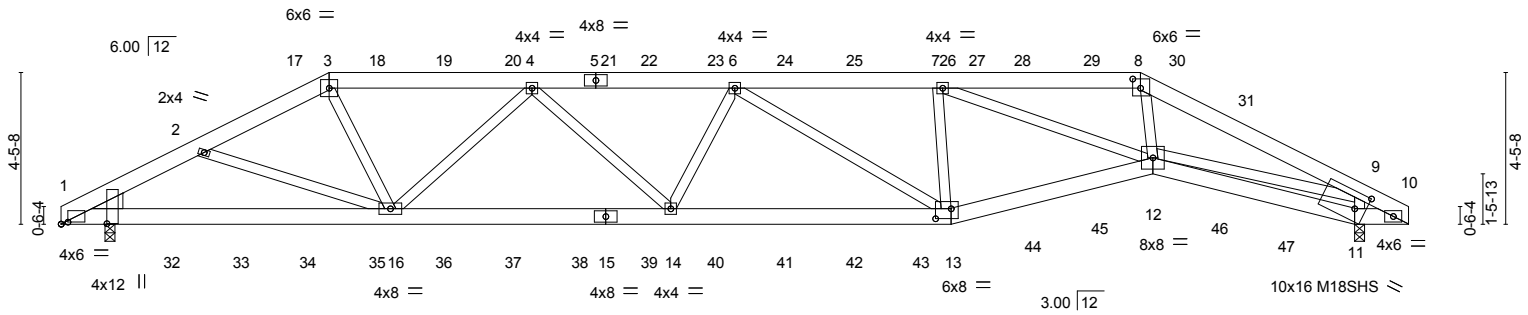
Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A01	HIP GIRDER	1	2	E9981822

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:18 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-KDiFt?43cNjD7zyYIMgm3LolmOE215beQoIX_yyNGDh

4-2-7	7-10-8	13-10-0	19-9-8	25-9-0	31-8-8	38-0-0	39-7-0
4-2-7	3-8-1	5-11-8	5-11-8	5-11-8	5-11-8	6-3-8	1-7-0

Scale = 1:67.7



1-3-8	9-8-1	17-10-15	26-1-12	32-0-14	38-0-0	38-3-8	39-7-0
1-3-8	8-4-9	8-2-13	8-2-13	5-11-2	5-11-2	0-3-8	1-3-8

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

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	0.82	Vert(LL)	-0.15	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.52	Vert(TL)	-0.39	13-14	>999	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(TL)	0.14	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.16	13-14	>999	240	Weight: 536 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) 11=2413/0-3-8, 1=2308/0-3-8
Max Horz 1=-51(LC 3)
Max Uplift 11=-608(LC 6), 1=-518(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4251/1046, 2-3=-4035/1051, 3-4=-4257/1110, 4-6=-5392/1449, 6-7=-4816/1378, 7-8=-4580/1267, 8-9=-5602/1490, 9-10=-1041/280
BOT CHORD 1-16=-945/3736, 14-16=-1391/5093, 13-14=-1489/5436, 12-13=-1343/4918, 11-12=-174/692, 10-11=-278/1068
WEBS 3-16=-344/1554, 4-16=-1226/485, 4-14=-51/485, 6-13=-762/188, 7-13=-540/304, 7-12=-322/118, 8-12=-567/2168, 9-12=-1158/4264, 9-11=-2140/578

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 11-9 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); cantilever left and right exposed ; 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) 11=608, 1=518.

November 2,2016

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) 2 lb down at 7-2-12, 53 lb down and 67 lb up at 9-2-12, 53 lb down and 67 lb up at 11-2-12, 53 lb down and 67 lb up at 13-2-12, 53 lb down and 67 lb up at 15-2-12, 53 lb down and 67 lb up at 17-2-12, 53 lb down and 67 lb up at 19-2-12, 53 lb down and 67 lb up at 21-2-12, 53 lb down and 67 lb up at 23-2-12, 53 lb down and 67 lb up at 25-2-12, 53 lb down and 67 lb up at 26-1-4, 50 lb down and 60 lb up at 28-2-12, 50 lb down and 55 lb up at 30-2-12, and 35 lb down and 10 lb up at 32-2-12, and 29 lb down and 17 lb up at 34-2-12 on top chord, and 132 lb down and 36 lb up at 3-2-12, 132 lb down and 36 lb up at 5-2-12, 122 lb down and 67 lb up at 7-2-12, 37 lb down at 9-2-12, 37 lb down at 11-2-12, 37 lb down at 13-2-12, 37 lb down at 15-2-12, 37 lb down at 17-2-12, 37 lb down at 19-2-12, 37 lb down at 21-2-12, 37 lb down at 23-2-12, 37 lb down at 25-2-12, 37 lb down at 26-1-12, 33 lb down and 14 lb up at 28-2-12, 45 lb down and 16 lb up at 30-2-12, 90 lb down and 58 lb up at 32-0-14, and 86 lb down and 33 lb up at 34-2-12, and 89 lb down and 36 lb up at 36-2-12 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, 3-8=-60, 8-10=-60, 1-13=-20, 12-13=-20, 11-12=-20, 10-11=-20
   Concentrated Loads (lb)
   Vert: 13=-23(F) 12=-90(F) 18=-53(F) 19=-53(F) 20=-53(F) 21=-53(F) 22=-53(F) 23=-53(F) 24=-53(F) 25=-53(F) 26=-53(F) 27=-53(F) 28=-50(F) 29=-50(F) 30=-9(F) 32=-132 33=-132 34=-122(F) 35=-23(F) 36=-23(F) 37=-23(F) 38=-23(F) 39=-23(F) 40=-23(F) 41=-23(F) 42=-23(F) 43=-23(F) 44=-18(F) 45=-25(F) 46=-86(F) 47=-89(F)

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A02	HIP	1	1	E9981823
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:19 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-oQFd5L5hNhs4l7Xkr4B?cZLvxoZpmbEnfS24WOyNGDg

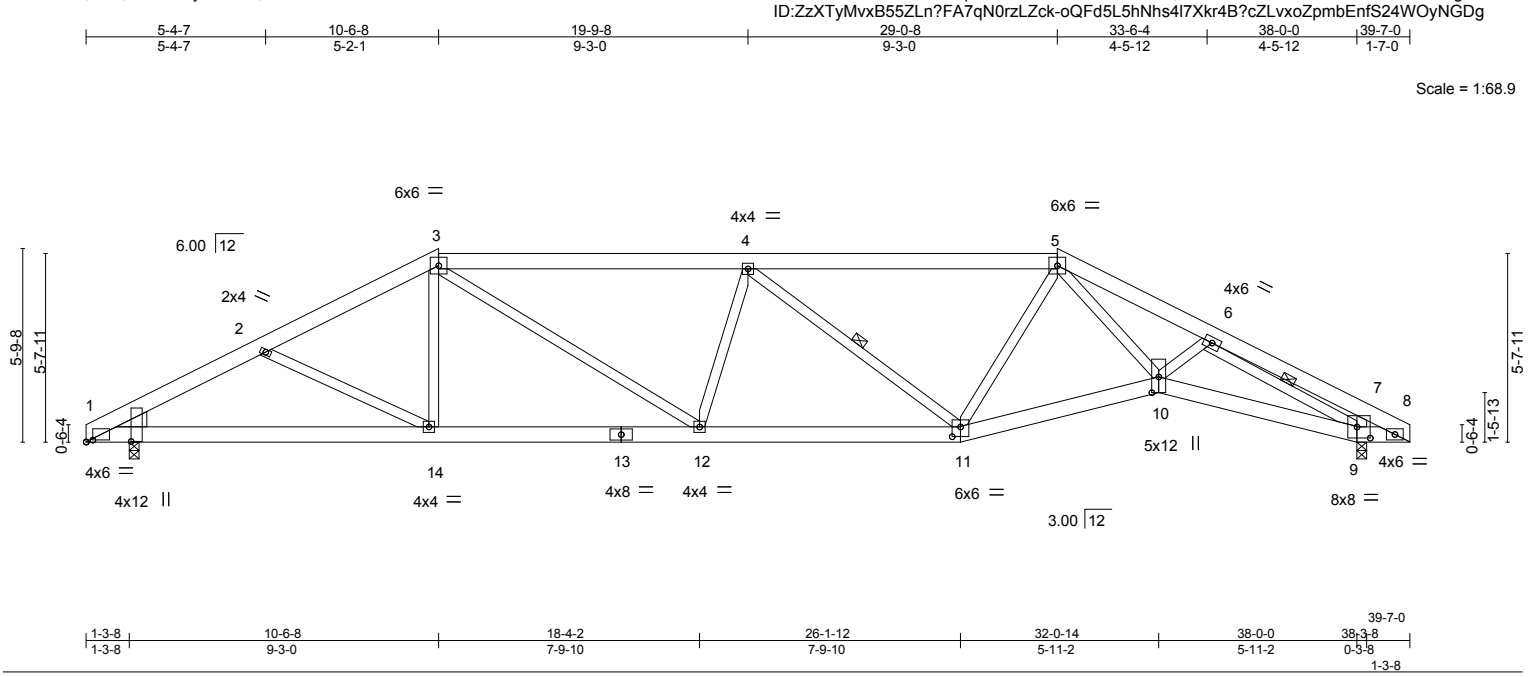

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [9:0-4-12,0-4-0], [10:0-5-11,0-2-8], [11:0-3-0,0-3-8]

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	0.85	Vert(LL)	-0.14	12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.62	Vert(TL)	-0.37	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.17	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.10	12	>999	240	Weight: 269 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 3-11-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-11, 6-9

REACTIONS. (lb/size) 9=1643/0-3-8, 1=1512/0-3-8
Max Horz 1=-67(LC 4)
Max Uplift 9=-114(LC 7), 1=-83(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2845/639, 2-3=-2559/563, 3-4=-2782/672, 4-5=-2312/554, 5-6=-3522/727, 6-7=-759/145, 7-8=-634/68
BOT CHORD 1-14=-508/2482, 12-14=-353/2232, 11-12=-530/2843, 10-11=-394/2374, 9-10=-526/2932, 8-9=-81/681
WEBS 2-14=-272/174, 3-14=0/440, 3-12=-157/764, 4-12=-296/174, 4-11=-756/213, 5-10=-199/1366, 6-10=-31/496, 6-9=-2768/564, 7-9=-593/200

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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=114.

November 2,2016

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818 Soundside Road
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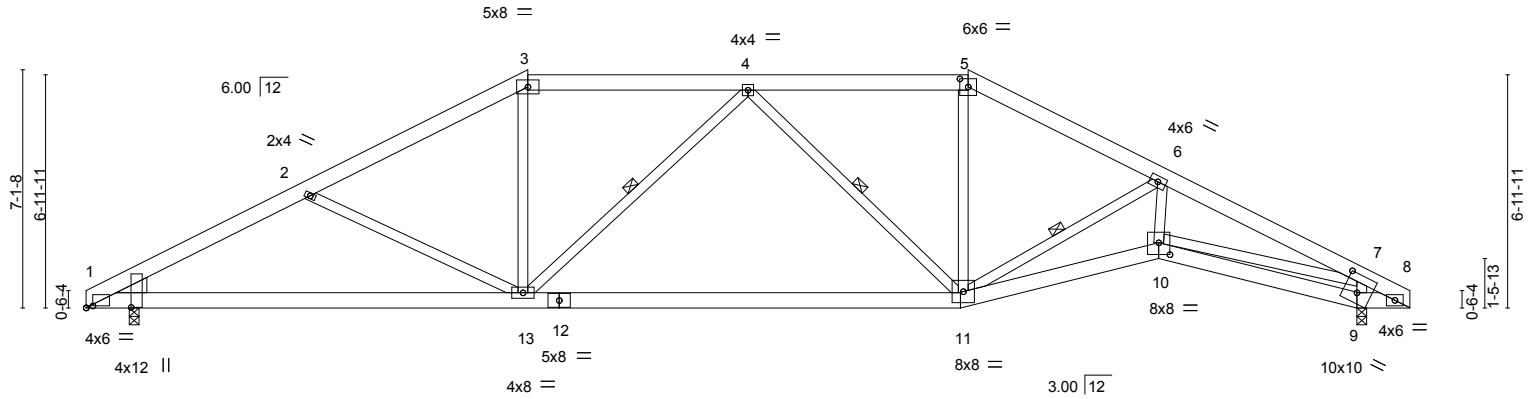
Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A03	HIP	1	1	E9981824
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:20 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-Gcp0Ih6J8__wNH6wPniE8mt5BBtKV2Ixu6ne3qyNGDf

6-8-7	13-2-8	19-9-8	26-4-8	32-2-4	38-0-0	39-7-0
6-8-7	6-6-1	6-7-0	6-7-0	5-9-12	5-9-12	1-7-0

Scale = 1:68.9



1-3-8	13-2-8	26-1-12	32-0-14	38-0-0	39-7-0 / 38-3-8
1-3-8	11-11-0	12-11-4	5-11-2	5-11-2	0-3-8 / 1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [5:0-3-0,0-2-15], [9:0-5-0,0-6-6], [10:0-4-0,0-4-4]

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	0.82	Vert(LL)	-0.19	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.66	Vert(TL)	-0.58	11-13	>790	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(TL)	0.18	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.09	10-11	>999	240	Weight: 273 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
7-10: 2x4 SP No.2
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-13, 4-11, 6-11

REACTIONS. (lb/size) 9=1643/0-3-8, 1=1512/0-3-8
Max Horz 1=-84(LC 4)
Max Uplift 9=-135(LC 7), 1=-89(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2793/621, 2-3=-2373/505, 3-4=-2032/491, 4-5=-1903/488, 5-6=-2139/500, 6-7=-3661/697, 7-8=-680/92
BOT CHORD 1-13=-481/2436, 11-13=-356/2191, 10-11=-554/3345, 9-10=-36/440, 8-9=-107/720
WEBS 2-13=-443/252, 3-13=-60/674, 4-13=-363/171, 4-11=-523/152, 5-11=-63/545, 6-11=-1597/331, 6-10=-133/1277, 7-10=-494/2761, 7-9=-1531/391

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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=135.

November 2,2016

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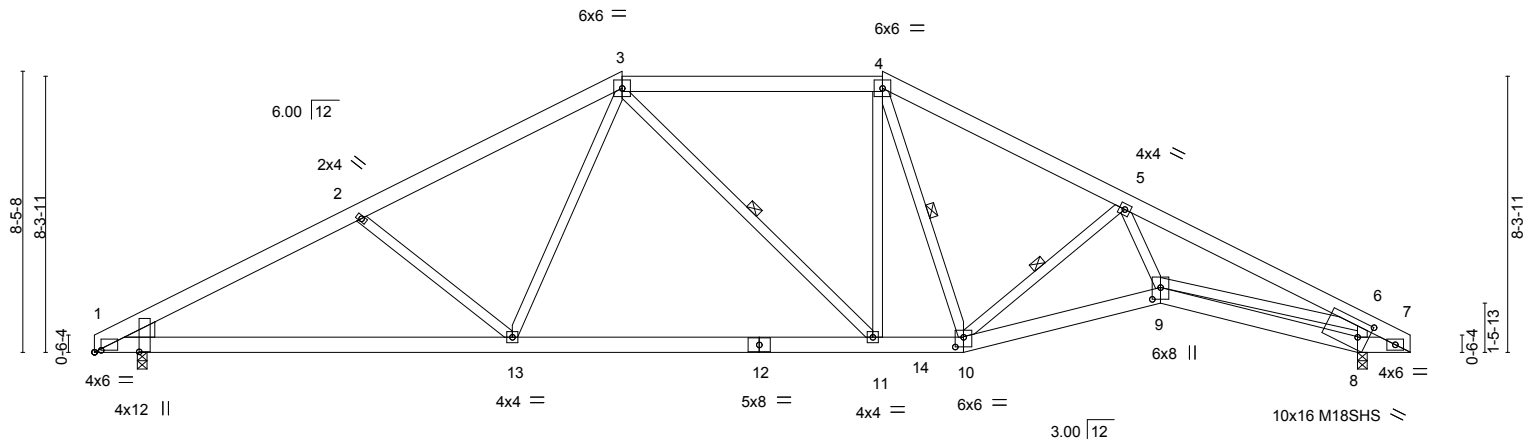
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A04	HIP	1	1	E9981825
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:21 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-koNOW17yvl6n_Rh7zVETh_QCObAcESx46mXBbHyNGDe

8-0-7 (8-0-7) | 15-10-8 (7-10-1) | 23-8-8 (7-10-0) | 30-10-4 (7-1-12) | 38-0-0 (7-1-12) | 39-7-0 (1-7-0)

Scale = 1:69.3



1-3-8 (1-3-8) | 12-6-14 (11-3-6) | 23-8-8 (11-1-10) | 26-1-12 (2-5-4) | 32-0-14 (5-11-2) | 38-0-0 (5-11-2) | 39-7-0 (0-3-8) | 1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [8:0-3-12,0-5-12], [9:0-4-4,0-3-0], [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	0.98	Vert(LL)	-0.33	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.85	Vert(TL)	-0.55	11-13	>827	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(TL)	0.18	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.08	9-10	>999	240	Weight: 280 lb	FT = 20%

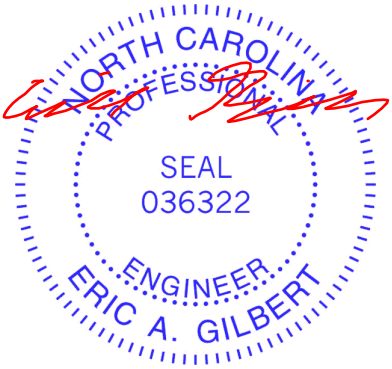
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
6-9: 2x4 SP No.2
WEDGE
Left: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-11, 5-10, 4-10

REACTIONS. (lb/size) 8=1910/0-3-8, 1=1773/0-3-8
Max Horz 1=-102(LC 4)
Max Uplift 8=-152(LC 7), 1=-106(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3346/584, 2-3=-2972/518, 3-4=-2260/470, 4-5=-2624/502, 5-6=-4442/658, 6-7=-755/98
BOT CHORD 1-13=-436/2918, 11-13=-206/2236, 10-11=-185/2250, 9-10=-462/3465, 8-9=-46/465, 7-8=-115/791
WEBS 2-13=-467/275, 3-13=-50/853, 4-11=0/677, 5-10=-1438/311, 5-9=-106/1491, 6-9=-441/3440, 6-8=-1778/387

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=152, 1=106.



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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A05	HIP	1	1	E9981826
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:22 2016 Page 1
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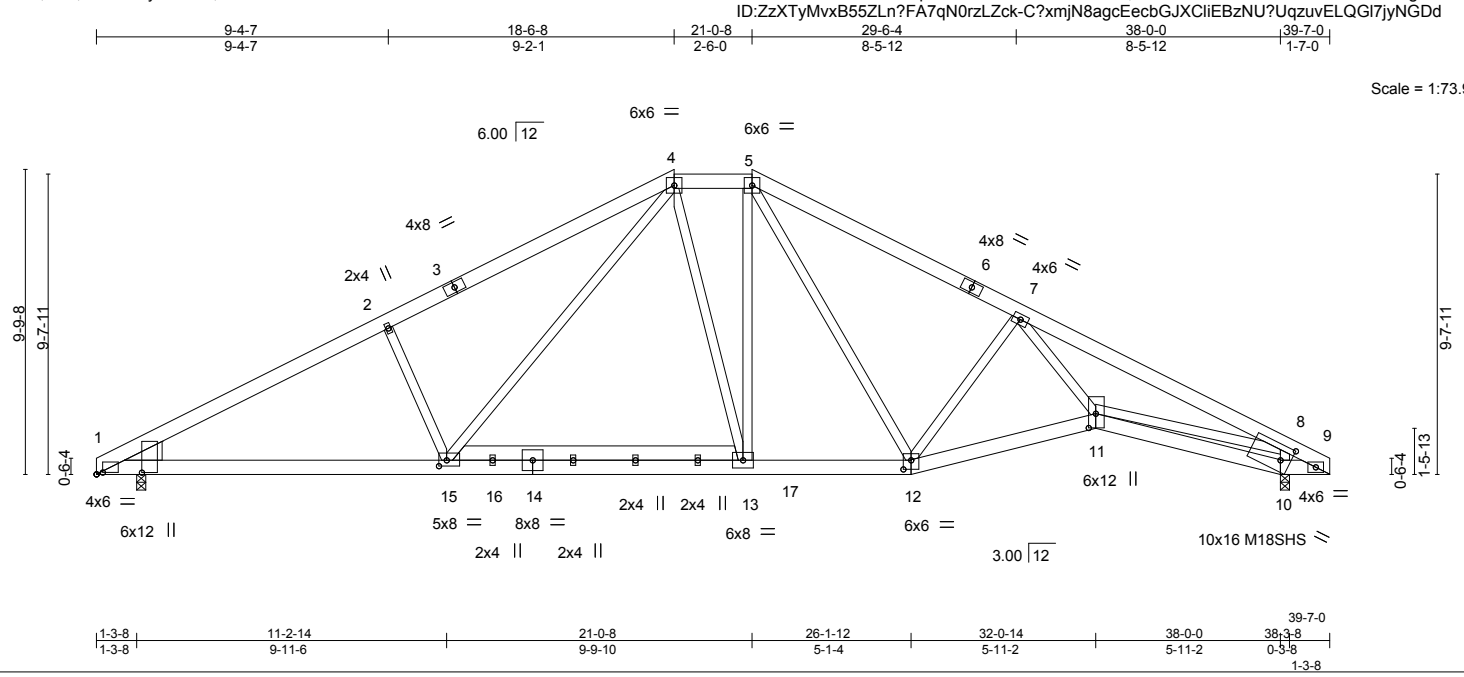


Plate Offsets (X,Y)-- [1:0-0-10,1-5-7], [1:0-2-6,0-0-11], [10:0-3-12,0-5-12], [11:0-5-8,0-2-12], [12:0-3-0,0-3-8], [15:0-3-0,0-2-4]

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	0.96	Vert(LL)	-0.35	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(TL)	-0.55	13-15	>833	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.19	10	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.08	11-12	>999	240	Weight: 312 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
8-11: 2x4 SP No.2, 13-15: 2x6 SP No.1
WEDGE
Left: 2x8 SP No.1

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

REACTIONS. (lb/size) 10=2068/0-3-8, 1=1956/0-3-8
Max Horz 1=-119(LC 4)
Max Uplift 10=-167(LC 7), 1=-120(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3723/534, 2-4=-3535/604, 4-5=-2306/449, 5-7=-2940/522, 7-8=-4862/611, 8-9=-819/123
BOT CHORD 1-15=-377/3243, 13-15=-125/2256, 12-13=-115/2298, 11-12=-386/3366, 10-11=-78/502, 9-10=-147/856
WEBS 2-15=-518/306, 4-15=-215/1282, 4-13=-56/426, 5-13=-39/682, 7-12=-1268/321, 7-11=-99/1720, 8-11=-355/3774, 8-10=-1930/395, 5-12=-142/511

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=167, 1=120.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A06	ROOF SPECIAL	23	1	E9981827
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:22 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-C?xmjN8agcEecbGJXCliEBzO_?YNzvRELQGl7jyNGDd

6-8-11	13-3-2	19-9-8	26-1-12	32-0-14	38-0-0	39-7-0
6-8-11	6-6-6	6-6-6	6-4-4	5-11-2	5-11-2	1-7-0

Scale = 1:67.8

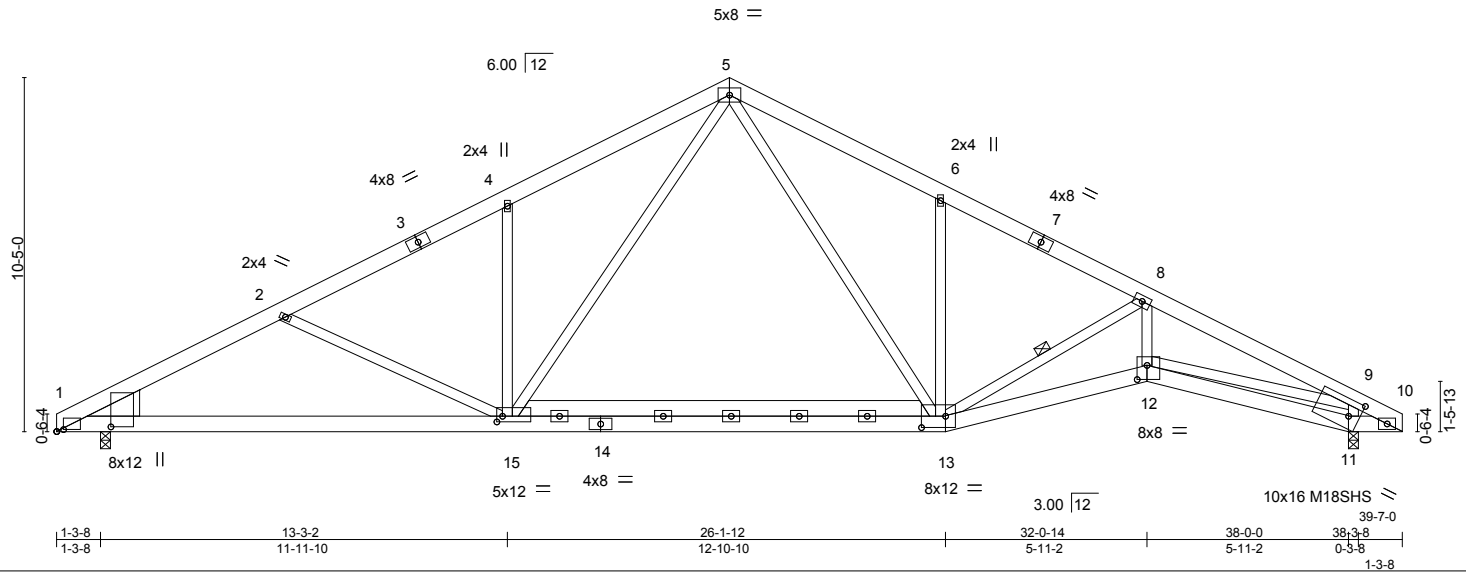


Plate Offsets (X,Y)-- [1:0-1-10,1-7-2], [1:0-2-6,0-0-11], [11:0-3-12,0-5-12], [12:0-3-8,0-5-0], [13:0-8-8,0-4-0], [15:0-2-0,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.93	Vert(LL)	-0.39	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.75	Vert(TL)	-0.62	13-15	>731	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(TL)	0.20	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.09	12-13	>999	240	Weight: 318 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
9-12: 2x4 SP No.2, 13-15: 2x6 SP No.1
WEDGE
Left: 2x10 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 8-13

REACTIONS. (lb/size) 11=2042/0-3-8, 1=1883/0-3-8
Max Horz 1=-128(LC 4)
Max Uplift 11=-173(LC 7), 1=-125(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3733/585, 2-4=-3305/463, 4-5=-3298/599, 5-6=-3093/601, 6-8=-3033/464, 8-9=-4763/623, 9-10=-855/83
BOT CHORD 1-15=-449/3270, 13-15=-91/1980, 12-13=-472/4233, 11-12=-32/547, 10-11=-98/898
WEBS 2-15=-437/251, 4-15=-410/231, 5-15=-226/1611, 5-13=-229/1319, 6-13=-446/221, 8-13=-1712/286, 8-12=-85/1414, 9-12=-432/3637, 9-11=-1907/368

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=173, 1=125.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A08	ROOF SPECIAL SUPPORT	3	1	E9981828
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:24 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-9N3W829qCDUMruPiednAJc2y2pPhR_bWojlrCcyNGDb

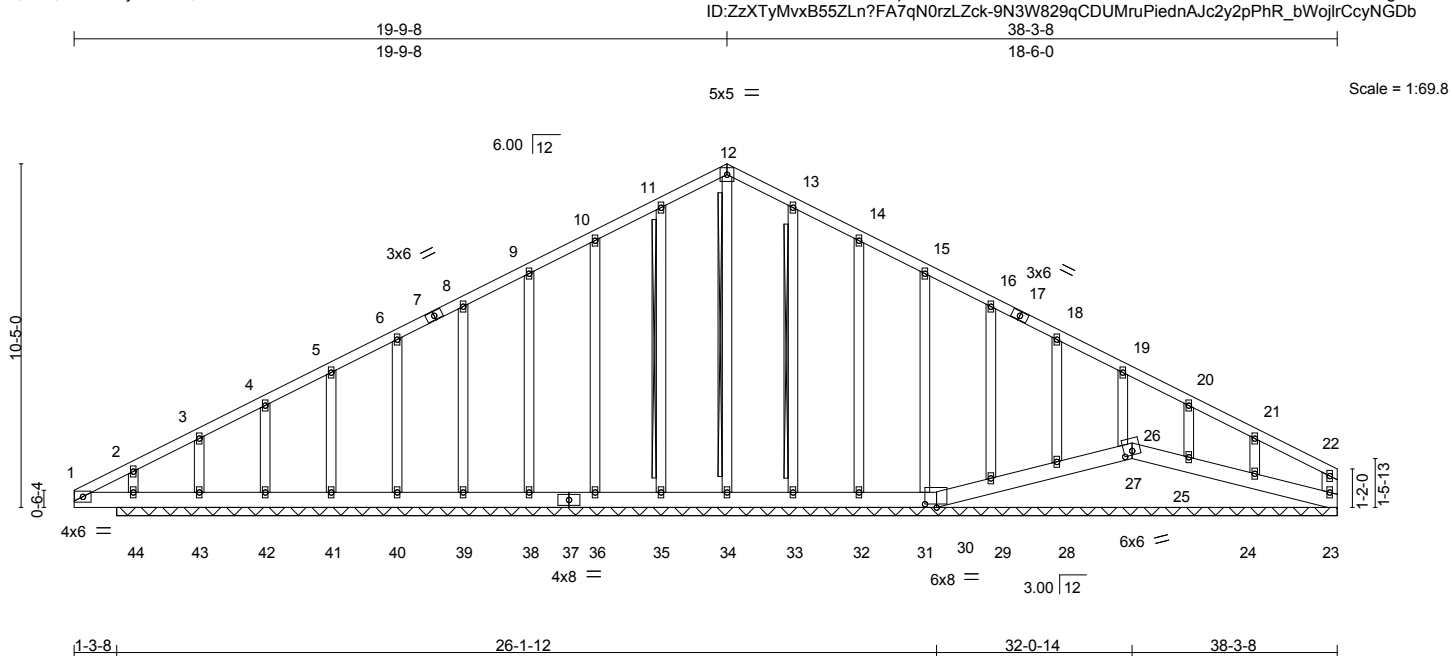


Plate Offsets (X,Y)-- [26:0-3-0,0-1-8], [30:0-4-4,0-1-4]

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	0.06	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	0.15	Horz(TL)	0.00	23	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 289 lb	FT = 20%

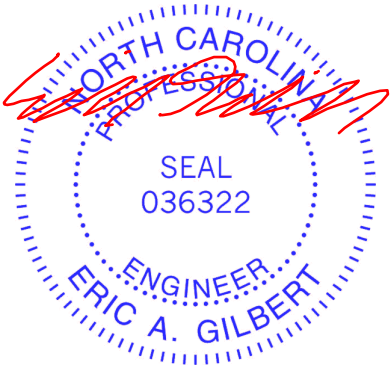
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF Stud - 12-34, 11-35, 13-33
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 37-0-0.
(lb) - Max Horz 44=138(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 23, 30, 26, 35, 36, 38, 39, 40, 41, 42, 44, 33, 32, 31, 29, 28, 27, 25 except 43=-103(LC 6), 24=-107(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 23, 30, 26, 34, 35, 36, 38, 39, 40, 41, 42, 43, 33, 32, 31, 29, 28, 27, 25, 24 except 44=278(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=-20/263, 12-13=-29/263

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 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) 23, 30, 26, 35, 36, 38, 39, 40, 41, 42, 44, 33, 32, 31, 29, 28, 27, 25 except (jt=lb) 43=103, 24=107.
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.



November 2,2016

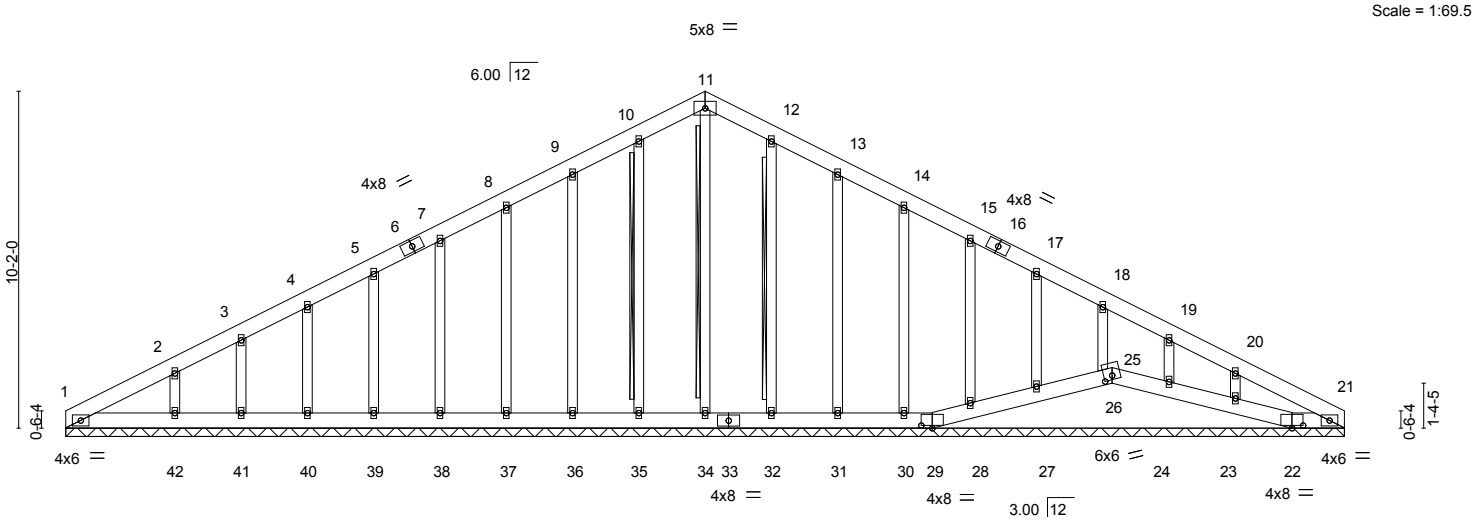
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A09	ROOF SPECIAL SUPPORT	3	1	E9981829
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:25 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-dZdvLOASzXcDT2_uCKlPrqb7CClRAQ1g1NVPk2yNGDa

19-3-8 38-7-0
19-3-8 19-3-8

Scale = 1:69.5



26-1-12 31-6-14 37-0-0 38-7-0
26-1-12 5-5-2 5-5-2 1-7-0

Plate Offsets (X,Y)-- [22:0-4-0,0-1-0], [25:0-3-0,0-1-8], [29:0-4-0,0-1-0]

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	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.00	21	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 315 lb	FT = 20%

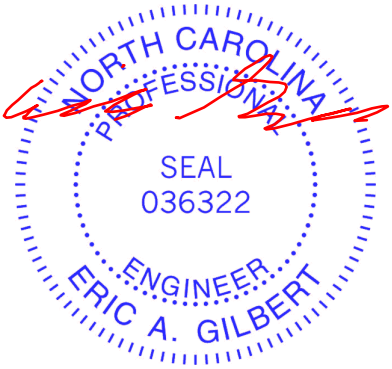
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF Stud - 11-34, 10-35, 12-32
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 38-7-0.
(lb) - Max Horz 1=-124(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 29, 22, 35, 36, 37, 38, 39, 40, 41, 42, 32, 31, 30, 28, 27, 26, 24, 23
Max Grav All reactions 250 lb or less at joint(s) 1, 29, 25, 22, 21, 34, 35, 36, 37, 38, 39, 40, 41, 32, 31, 30, 28, 27, 26, 24, 23 except 42=265(LC 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) 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 29, 22, 35, 36, 37, 38, 39, 40, 41, 42, 32, 31, 30, 28, 27, 26, 24, 23.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 25, 28, 27, 26, 24, 23.
11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A10	ROOF SPECIAL	23	1	E9981830
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:26 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-5mAHZkB4kqk45CZ4m2peO174KcwbvitpG1EyGUyNGDZ

6-6-11	12-11-2	19-3-8	26-1-12	31-6-14	37-0-0	38-7-0
6-6-11	6-4-6	6-4-6	6-10-4	5-5-2	5-5-2	1-7-0

Scale = 1:67.3

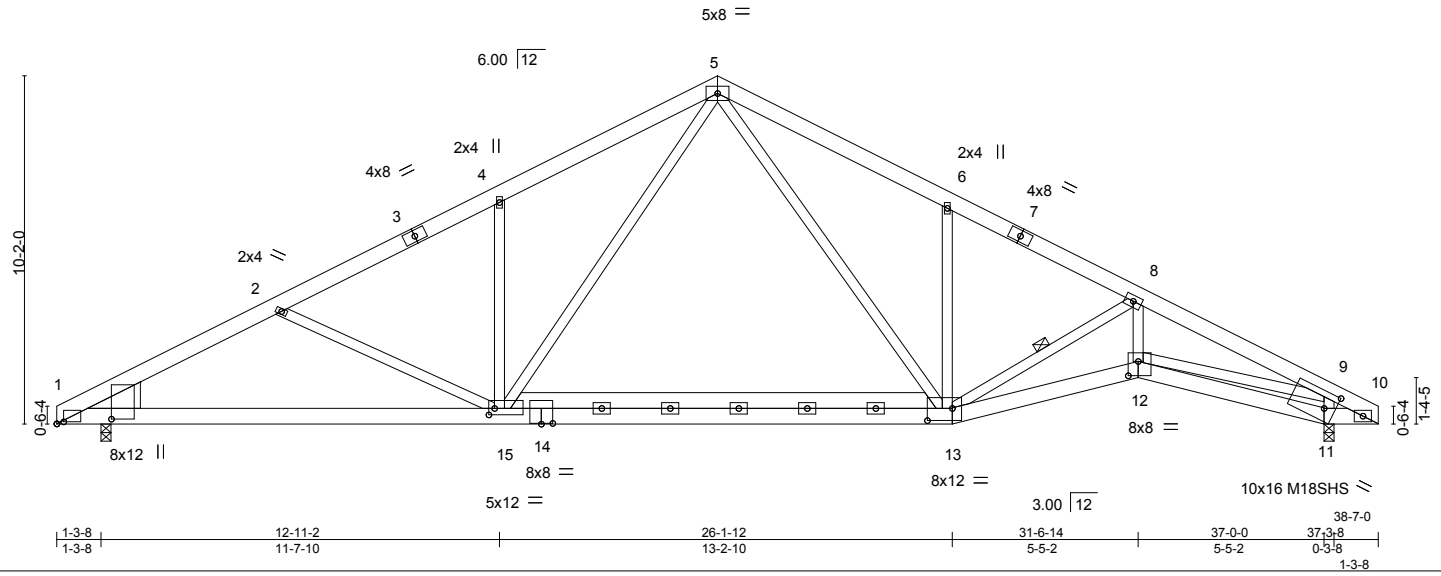


Plate Offsets (X,Y)-- [1:0-1-10,1-7-2], [1:0-2-6,0-0-11], [11:0-3-12,0-5-12], [12:0-3-8,0-5-0], [13:0-8-12,0-4-4], [14:0-4-0,0-0-4], [15:0-2-0,0-2-4]

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	0.91	Vert(LL)	-0.40	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(TL)	-0.62	13-15	>716	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(TL)	0.17	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.08	12-13	>999	240	Weight: 310 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
9-12: 2x4 SP No.2, 13-15: 2x6 SP No.1
WEDGE
Left: 2x10 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 8-13

REACTIONS. (lb/size) 11=2019/0-3-8, 1=1845/0-3-8
Max Horz 1=-124(LC 4)
Max Uplift 11=-170(LC 7), 1=-122(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3665/569, 2-4=-3250/449, 4-5=-3242/581, 5-6=-3121/595, 6-8=-3044/453, 8-9=-4567/587, 9-10=-793/70
BOT CHORD 1-15=-436/3210, 13-15=-90/1939, 12-13=-443/4050, 11-12=-18/481, 10-11=-82/831
WEBS 2-15=-421/245, 4-15=-399/223, 5-15=-214/1603, 5-13=-228/1339, 6-13=-455/227, 8-13=-1495/246, 8-12=-74/1265, 9-12=-416/3520, 9-11=-1874/352

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) All plates are 4x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=170, 1=122.

November 2,2016

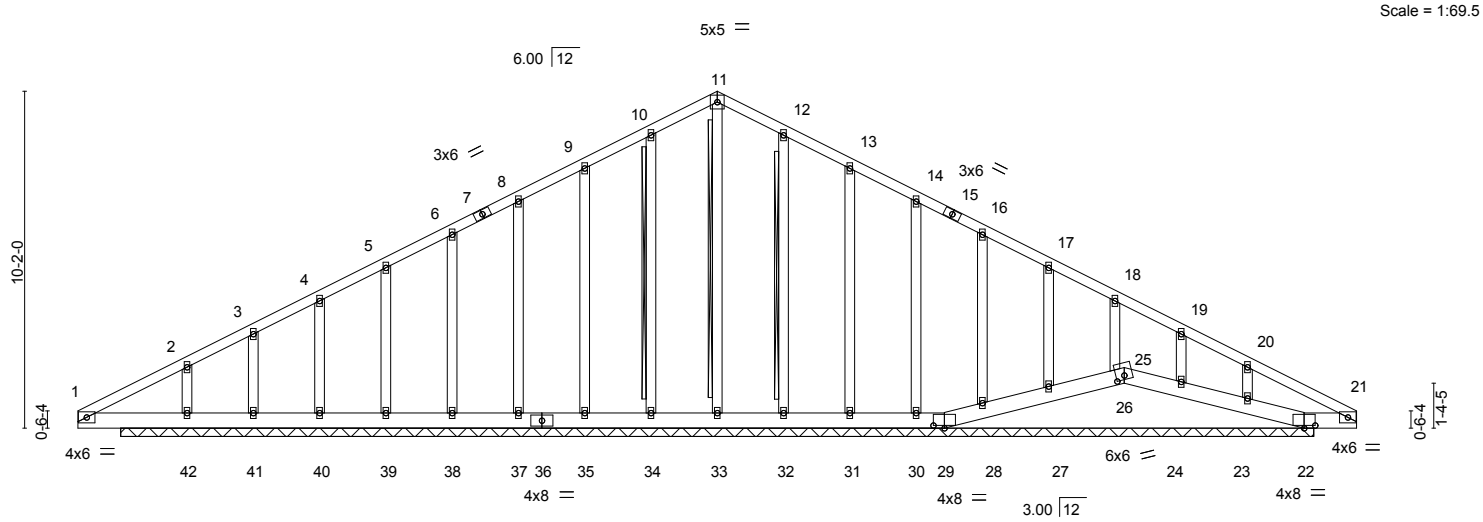
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A11	GABLE	1	1	E9981831
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:28 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-18l1_QCLFS_oKWjTtTs6TSCciQlkNng6jLj3LNyNGDX

19-3-8 / 19-3-8 — 38-7-0 / 19-3-8

Scale = 1:69.5



1-3-8 / 1-3-8 — 26-1-12 / 24-10-4 — 31-6-14 / 5-5-2 — 37-0-0 / 5-5-2 — 38-7-0 / 1-7-0

Plate Offsets (X,Y)-- [22:0-4-0,0-1-0], [25:0-3-0,0-1-8], [29:0-4-0,0-1-0]

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	0.15	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	0.14	Horz(TL)	0.01	22	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 283 lb	FT = 20%

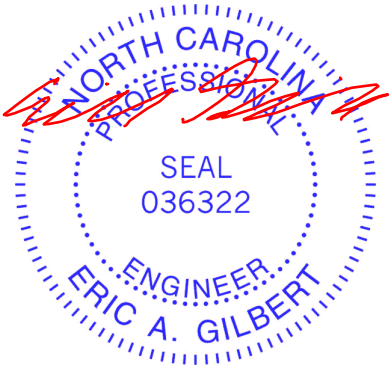
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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 - 11-33, 10-34, 12-32
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 36-0-0.
(lb) - Max Horz 42=-126(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 29, 25, 22, 34, 35, 37, 38, 39, 40, 42, 32, 31, 30, 28, 27, 26, 24, 23 except 41=-100(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 29, 25, 22, 35, 37, 38, 39, 40, 41, 31, 30, 28, 27, 26, 24, 23 except 33=347(LC 1), 34=255(LC 10), 42=414(LC 10), 32=253(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 10-11=0/271, 11-12=0/271

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 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) 29, 25, 22, 34, 35, 37, 38, 39, 40, 42, 32, 31, 30, 28, 27, 26, 24, 23 except (jt=lb) 41=100.
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.



November 2,2016

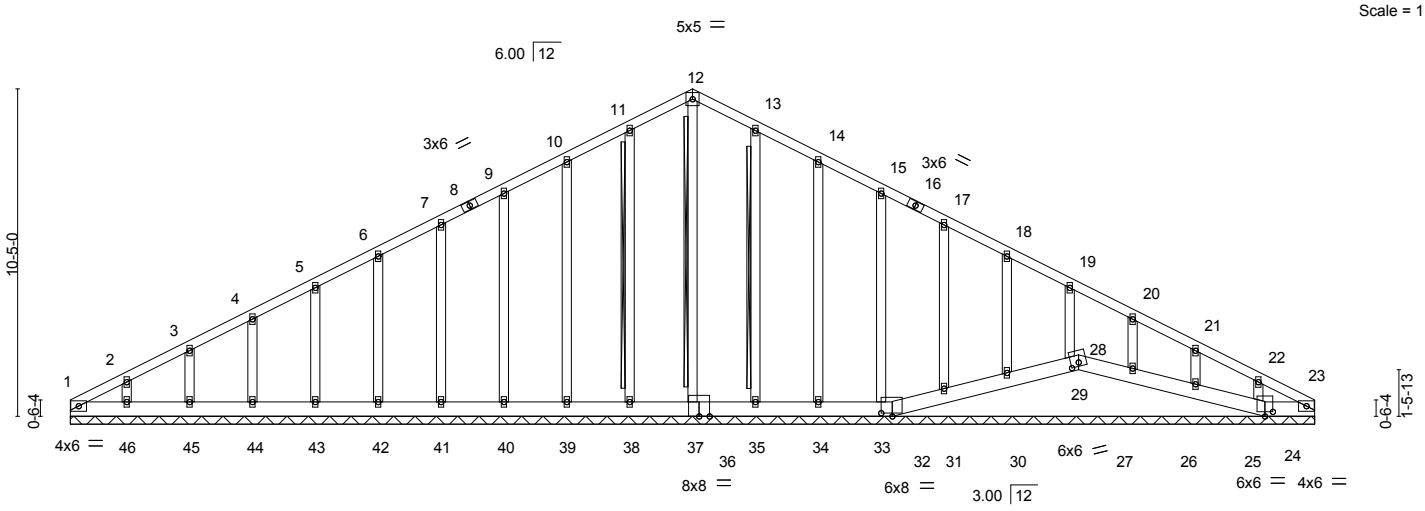
ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A12	ROOF SPECIAL SUPPORT	2	1	E9981832
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:29 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-VLsPBmDz0l6fygIfRANL0glp6q6W6EqGy?TctpyNGDW

19-9-8 / 19-9-8 — 39-7-0 / 19-9-8

Scale = 1:73.3



26-1-12 / 26-1-12 — 32-0-14 / 5-11-2 — 38-0-0 / 5-11-2 — 39-7-0 / 1-7-0

Plate Offsets (X,Y)-- [24:0-3-0,0-1-12], [28:0-3-0,0-1-8], [32:0-4-4,0-1-4]

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	0.04	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	0.15	Horz(TL)	0.01	23	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 294 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, Except:
6-0-0 oc bracing: 28-29.
WEBS T-Brace: 2x4 SPF Stud - 12-37, 11-38, 13-35
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 39-7-0.
(lb) - Max Horz 1=-129(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 32, 24, 38, 39, 40, 41, 42, 43, 44, 45, 46, 35, 34, 33, 31, 30, 29, 27, 26, 25
Max Grav All reactions 250 lb or less at joint(s) 1, 32, 28, 24, 23, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 35, 34, 33, 31, 30, 29, 27, 26, 25

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) 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 requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 32, 24, 38, 39, 40, 41, 42, 43, 44, 45, 46, 35, 34, 33, 31, 30, 29, 27, 26, 25.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 28, 31, 30, 29, 27, 26, 25.
11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

November 2,2016

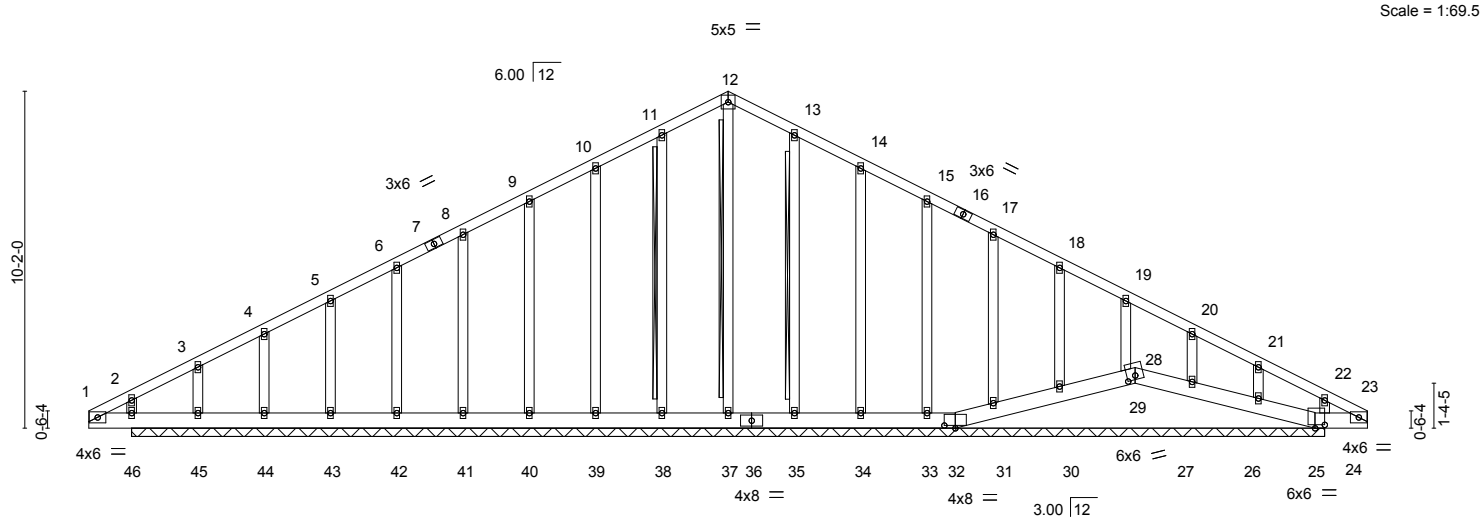
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A13	ROOF SPECIAL SUPPORT	1	1	E9981833
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:31 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-Sj_AcSEDYNMNBzS2YbPp55q9adoUa8TYPJyjyiyNGDU

19-3-8 / 19-3-8 — 38-7-0 / 19-3-8

Scale = 1:69.5



1-3-8 / 1-3-8 — 26-1-12 / 24-10-4 — 31-6-14 / 5-5-2 — 37-0-0 / 5-5-2 — 38-7-0 / 1-7-0

Plate Offsets (X,Y)-- [25:0-3-8,0-1-4], [28:0-3-0,0-1-8], [32:0-4-0,0-1-0]

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	0.04	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	0.14	Horz(TL)	0.00	24	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 284 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 6-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF Stud - 12-37, 11-38, 13-35
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 36-0-0.
(lb) - Max Horz 46=-126(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 32, 38, 39, 40, 41, 42, 43, 44, 46, 35, 34, 33, 31, 30, 29, 27, 26, 24 except 25=-277(LC 4), 45=-103(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 32, 28, 25, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 35, 34, 33, 31, 30, 29, 27, 26 except 24=319(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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 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) 32, 38, 39, 40, 41, 42, 43, 44, 46, 35, 34, 33, 31, 30, 29, 27, 26, 24 except (jt=lb) 25=277, 45=103.
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.

November 2,2016

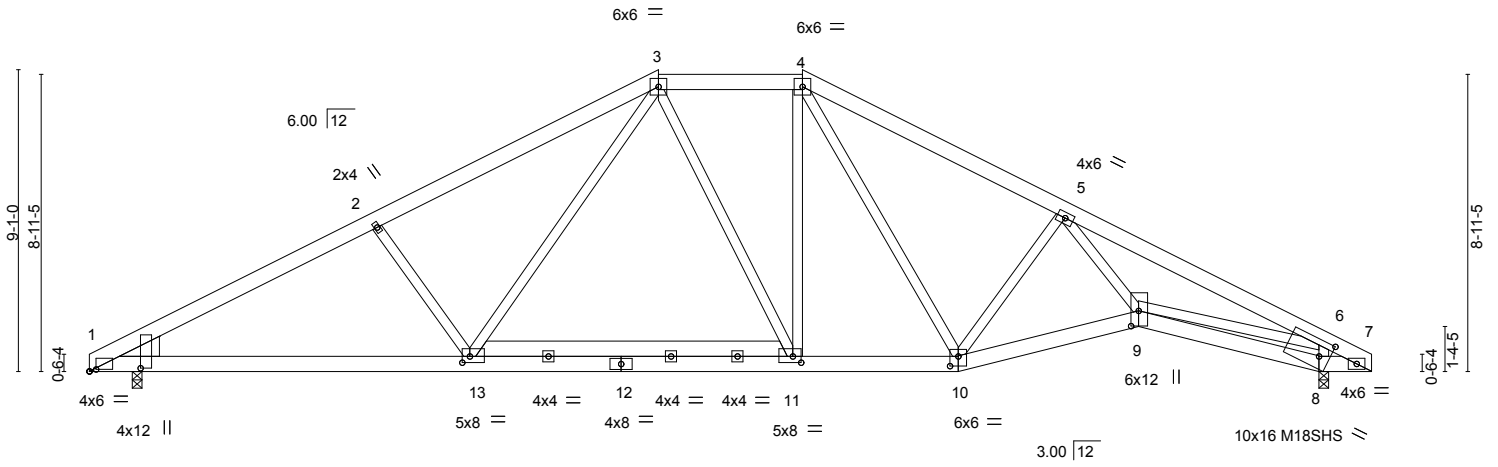
ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A14	HIP	1	1	E9981834
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:32 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-wwYYpnFrJgUEp70E6Iw2eIN631w1JPfiezhGU8yNGDT

8-7-15 | 17-1-8 | 21-5-8 | 29-2-12 | 37-0-0 | 38-7-0
8-7-15 | 8-5-9 | 4-4-0 | 7-9-4 | 7-9-4 | 1-7-0

Scale = 1:69.3



1-3-8 | 11-5-6 | 21-5-8 | 26-1-12 | 31-6-14 | 37-0-0 | 38-7-0
1-3-8 | 10-1-14 | 10-0-2 | 4-8-4 | 5-5-2 | 5-5-2 | 0-3-8
1-3-8

Plate Offsets (X,Y)-- [1:0-1-2,1-6-7], [1:0-2-6,0-0-11], [8:0-3-12,0-5-12], [9:0-5-8,0-2-12], [10:0-3-0,0-3-8], [11:0-3-0,0-2-4], [13:0-2-12,0-2-4]

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	0.96	Vert(LL)	-0.23	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.92	Vert(TL)	-0.39	11-13	>999	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(TL)	0.17	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.07	9-10	>999	240	Weight: 301 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
6-9: 2x4 SP No.2, 11-13: 2x6 SP No.1
WEDGE
Left: 2x8 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=2047/0-3-8, 1=1900/0-3-8
Max Horz 1=-110(LC 4)
Max Uplift 8=-159(LC 7), 1=-112(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3741/555, 2-3=-3448/549, 3-4=-2409/449, 4-5=-2938/511, 5-6=-4684/592, 6-7=-738/100
BOT CHORD 1-13=-405/3269, 11-13=-155/2337, 10-11=-142/2398, 9-10=-380/3306, 8-9=-51/413, 7-8=-118/765
WEBS 2-13=-484/286, 3-13=-137/1158, 3-11=-55/363, 4-11=-18/737, 5-10=-1169/295, 5-9=-91/1574, 6-9=-370/3701, 6-8=-1885/375, 4-10=-116/363

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=159, 1=112.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A15	HIP	1	1	E9981835
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:32 2016 Page 1
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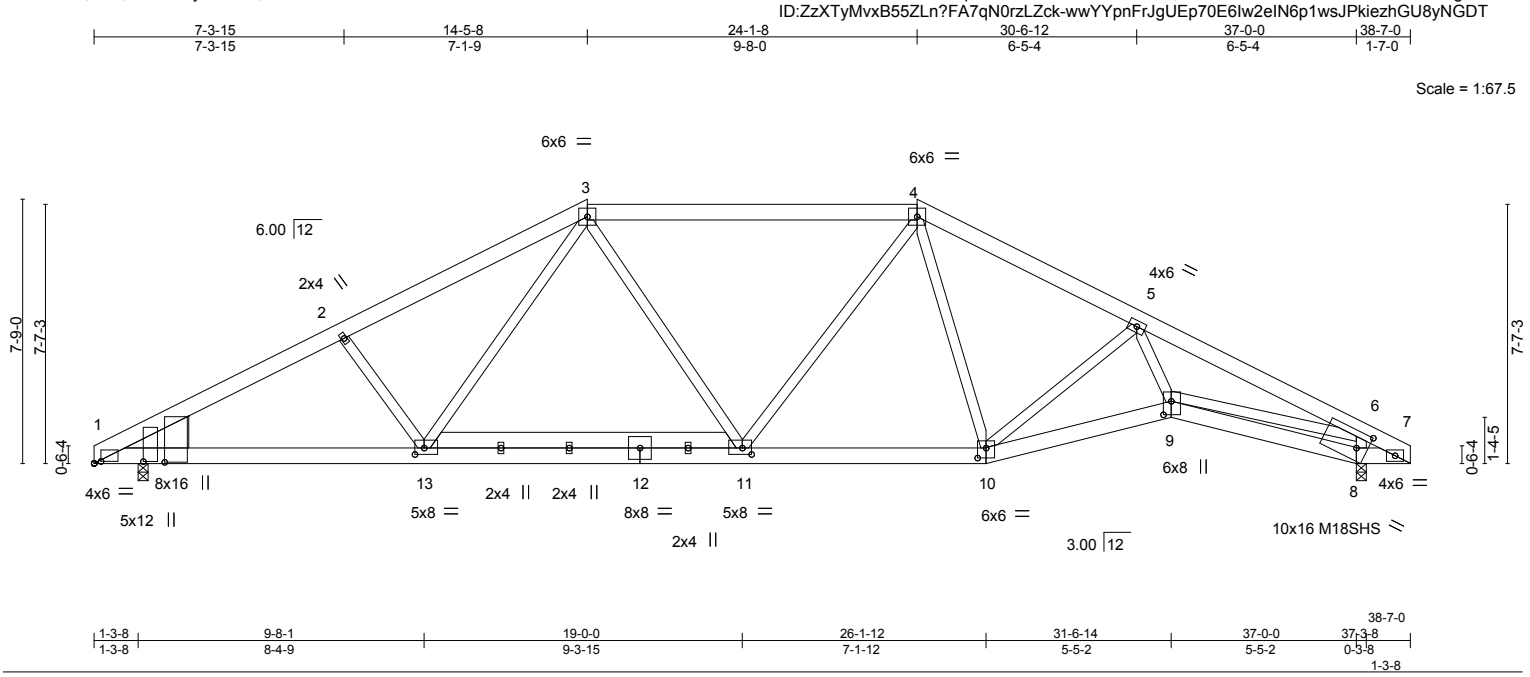


Plate Offsets (X,Y)-- [1:0-0-6,2-0-13], [1:0-0-10,1-5-5], [1:0-2-6,0-0-11], [8:0-3-12,0-5-12], [9:0-4-12,0-2-12], [10:0-3-0,0-3-8], [11:0-3-4,0-2-4], [13:0-3-4,0-2-4]

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	0.91	Vert(LL)	-0.21	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.94	Vert(TL)	-0.54	11-13	>817	240	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.90	Horz(TL)	0.18	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.17	11-13	>999	240	Weight: 295 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
6-9: 2x4 SP No.2, 11-13: 2x6 SP No.1
WEDGE
Left: 2x12 SP No.1

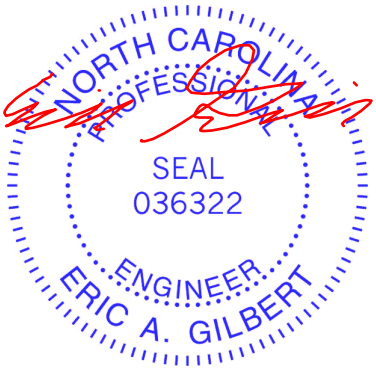
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1993/0-3-8, 1=1927/0-3-8
Max Horz 1=-92(LC 4)
Max Uplift 8=-171(LC 7), 1=-141(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3752/737, 2-3=-3533/747, 3-4=-2720/593, 4-5=-2816/585, 5-6=-4535/758, 6-7=-745/108
BOT CHORD 1-13=-577/3276, 11-13=-359/2572, 10-11=-308/2412, 9-10=-545/3546, 8-9=-46/435, 7-8=-123/779
WEBS 2-13=-341/216, 3-13=-174/933, 3-11=-7/413, 4-11=-46/645, 4-10=-26/285, 5-10=-1294/290, 5-9=-140/1447, 6-9=-533/3544, 6-8=-1849/422

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=171, 1=141.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced) + Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 4-7=-60, 1-13=-20, 11-13=-80, 10-11=-60, 9-10=-20, 8-9=-20, 7-8=-20



November 2,2016

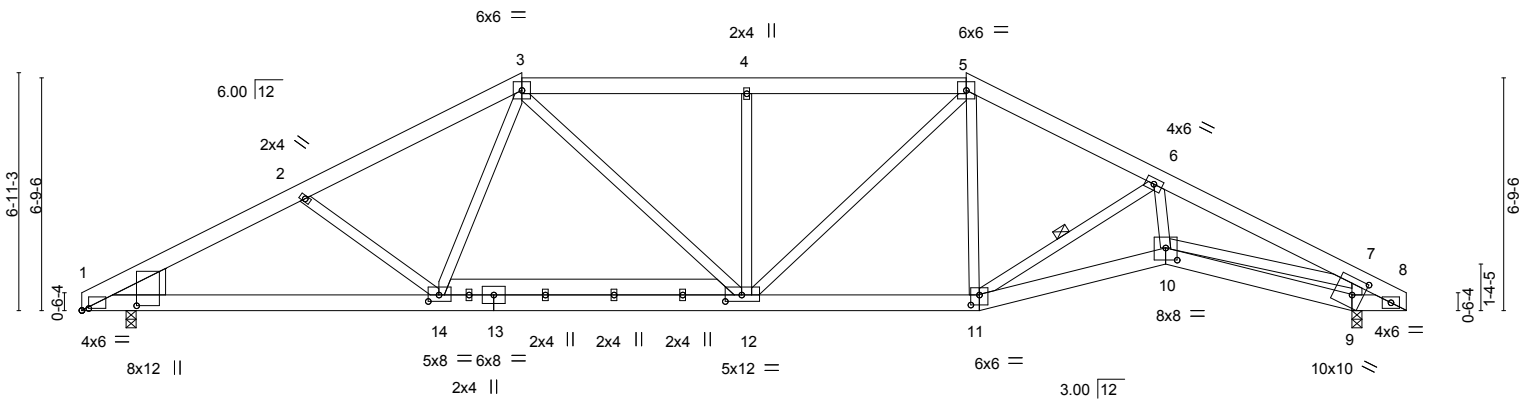
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A16	HIP	1	1	E9981836
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:33 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-O66w17GT4_c4QHbQg0RHAWwGkRGc2u4rtdRq0ayNGDS

6-6-1	12-9-13	17-1-8	19-4-7	25-9-3	31-4-9	37-0-0	38-7-0
6-6-1	6-3-12	4-3-11	2-2-15	6-4-12	5-7-7	5-7-7	1-7-0

Scale = 1:67.1



1-3-8	10-4-13	19-4-7	26-1-12	31-6-14	37-0-0	38-7-0
1-3-8	9-1-5	8-11-9	6-9-5	5-5-2	5-5-2	0-3-8

1-3-8

Plate Offsets (X,Y)-- [1:0-1-10,1-7-2], [1:0-2-6,0-0-11], [9:0-3-12,0-5-12], [10:0-4-0,0-4-4], [11:0-3-0,0-3-8], [12:0-5-12,0-2-4], [14:0-3-12,0-2-4]

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	0.96	Vert(LL)	-0.20	12-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.84	Vert(TL)	-0.53	12-14	>842	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.77	Horz(TL)	0.18	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.17	12-14	>999	240	Weight: 296 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
7-10: 2x4 SP No.2, 12-14: 2x6 SP No.1
WEDGE
Left: 2x10 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-11-10 oc bracing.
WEBS 1 Row at midpt 6-11

REACTIONS. (lb/size) 9=1819/0-3-8, 1=1794/0-3-8
Max Horz 1=-82(LC 4)
Max Uplift 9=-159(LC 7), 1=-128(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3476/757, 2-3=-3182/702, 3-4=-2826/700, 4-5=-2825/700, 5-6=-2490/586, 6-7=-4058/783, 7-8=-692/101
BOT CHORD 1-14=-604/3036, 12-14=-405/2509, 11-12=-333/2198, 10-11=-610/3504, 9-10=-36/416, 8-9=-113/728
WEBS 2-14=-334/210, 3-14=-94/759, 3-12=-110/572, 4-12=-465/207, 5-12=-193/988, 6-11=-1451/309, 6-10=-142/1302, 7-10=-572/3138, 7-9=-1691/421

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) 9=159, 1=128.

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, 5-8=-60, 1-14=-20, 12-14=-80, 11-12=-20, 10-11=-20, 9-10=-20, 8-9=-20

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A17	HIP	1	1	E9981837
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:34 2016 Page 1
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5-2-1	10-1-13	16-2-15	22-4-1	28-5-3	32-8-9	37-0-0	38-7-0
5-2-1	4-11-12	6-1-2	6-1-2	6-1-2	4-3-7	4-3-7	1-7-0

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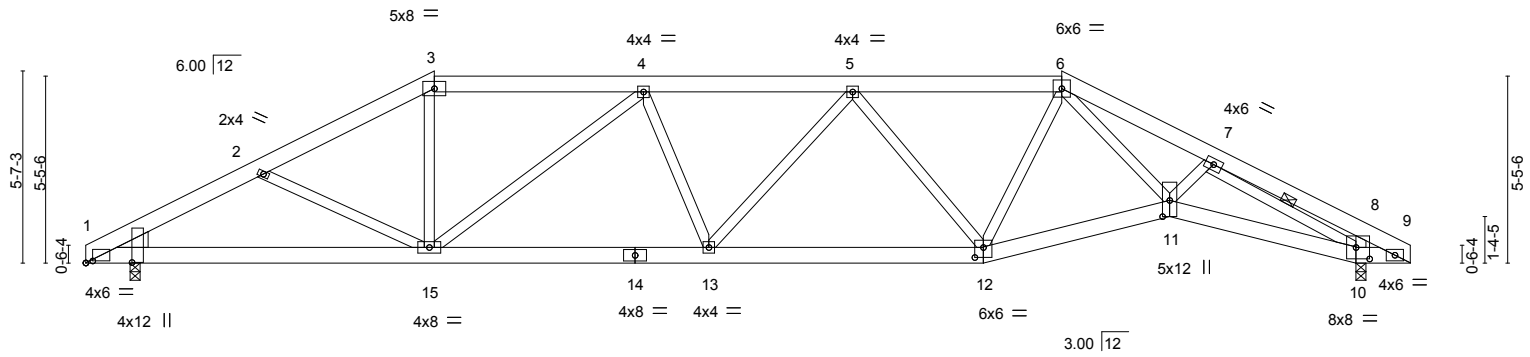

1-3-8	10-1-13	18-1-13	26-1-12	31-6-14	37-0-0	37-1-8	38-7-0
1-3-8	8-10-5	7-11-15	7-11-15	5-5-2	5-5-2	0-3-8	1-3-8

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [10:0-4-12,0-4-0], [11:0-5-11,0-2-8], [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	0.82	Vert(LL)	-0.13	13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.59	Vert(TL)	-0.36	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.16	10	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.09	13	>999	240	Weight: 266 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 4-0-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-10

REACTIONS. (lb/size) 10=1604/0-3-8, 1=1471/0-3-8
Max Horz 1=-65(LC 4)
Max Uplift 10=-111(LC 7), 1=-83(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2771/623, 2-3=-2492/546, 3-4=-2160/520, 4-5=-2710/642, 5-6=-2224/538, 6-7=-3326/695, 7-8=-723/137, 8-9=-604/64
BOT CHORD 1-15=-496/2418, 13-15=-485/2696, 12-13=-480/2614, 11-12=-365/2230, 10-11=-499/2801, 9-10=-74/647
WEBS 2-15=-269/173, 3-15=-98/750, 4-15=-780/189, 5-12=-700/204, 6-12=-36/257, 6-11=-195/1258, 7-11=-23/462, 7-10=-2660/542, 8-10=-569/189

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) 10=111.

November 2,2016

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	A18	HIP GIRDER	1	2	E9981838
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:37 2016 Page 1
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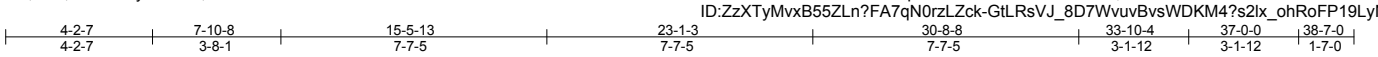

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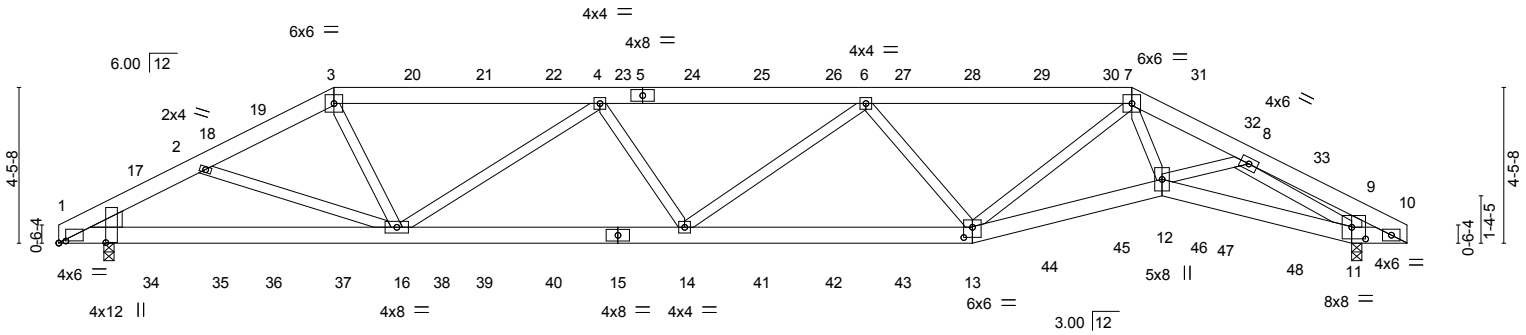

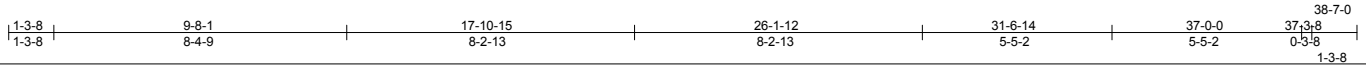

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [11:0-4-12,0-4-0], [13:0-3-0,0-3-8]

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	0.76	Vert(LL)	-0.12	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.43	Vert(TL)	-0.32	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.12	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.13	13-14	>999	240	Weight: 516 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) 11=2289/0-3-8, 1=2169/0-3-8
Max Horz 1=-51(LC 3)
Max Uplift 11=-576(LC 6), 1=-496(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4056/1042, 2-3=-3798/999, 3-4=-3945/1018, 4-6=-5007/1340, 6-7=-4130/1142, 7-8=-5095/1381, 8-9=-839/253, 9-10=-680/191
BOT CHORD 1-16=-935/3545, 14-16=-1363/4975, 13-14=-1344/4785, 12-13=-1100/4151, 11-12=-923/3529, 10-11=-200/735
WEBS 3-16=-228/1317, 4-16=-1293/498, 4-14=0/264, 6-14=0/385, 6-13=-1097/436, 7-12=-413/1729, 8-12=-338/1240, 8-11=-3563/933, 9-11=-716/233

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); cantilever left and right exposed ; 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) 11=576, 1=496.

November 2,2016

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) 100 lb down and 54 lb up at 2-7-7, 53 lb down and 33 lb up at 4-7-7, 26 lb down and 16 lb up at 6-1-7, 68 lb down and 67 lb up at 7-10-8, 53 lb down and 67 lb up at 10-1-7, 53 lb down and 67 lb up at 12-1-7, 53 lb down and 67 lb up at 14-1-7, 53 lb down and 67 lb up at 16-1-7, 53 lb down and 67 lb up at 18-1-7, 53 lb down and 67 lb up at 20-1-7, 53 lb down and 67 lb up at 22-1-7, 53 lb down and 67 lb up at 24-1-7, 53 lb down and 67 lb up at 26-1-0, 50 lb down and 61 lb up at 28-1-0, 58 lb down and 55 lb up at 30-1-0, 20 lb down and 12 lb up at 32-1-0, and 61 lb down and 31 lb up at 33-7-0, and 75 lb down and 58 lb up at 35-7-0 on top chord, and 48 lb down at 2-7-7, 63 lb down and 18 lb up at 4-7-7, 97 lb down and 40 lb up at 6-1-7, 37 lb down at 8-1-7, 37 lb down at 10-1-7, 37 lb down at 12-1-7, 37 lb down at 14-1-7, 37 lb down at 16-1-7, 37 lb down at 18-1-7, 37 lb down at 20-1-7, 37 lb down at 22-1-7, 37 lb down at 24-1-7, 37 lb down at 26-1-12, 33 lb down and 14 lb up at 28-1-0, 44 lb down and 16 lb up at 30-1-0, 95 lb down and 48 lb up at 32-1-0, and 45 lb down and 16 lb up at 33-7-0, and 33 lb down at 35-7-0 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, 7-10=-60, 1-13=-20, 12-13=-20, 11-12=-20, 10-11=-20
   Concentrated Loads (lb)
   Vert: 3=-53(B) 15=-23(B) 13=-23(B) 14=-23(B) 17=-60(B) 18=-13(B) 20=-53(B) 21=-53(B) 22=-53(B) 23=-53(B) 24=-53(B) 25=-53(B) 26=-53(B) 27=-53(B) 28=-53(B) 29=-50(B) 30=-51(B) 32=-21(B) 33=-35(B) 34=-34(B) 35=-63(B) 36=-97(B) 37=-23(B) 38=-23(B) 39=-23(B) 40=-23(B) 41=-23(B) 42=-23(B) 43=-23(B) 44=-18(B) 45=-24(B) 46=-95(B) 47=-45(B) 48=-18(B)

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	B01	GABLE	6	1	E9981839
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:37 2016 Page 1
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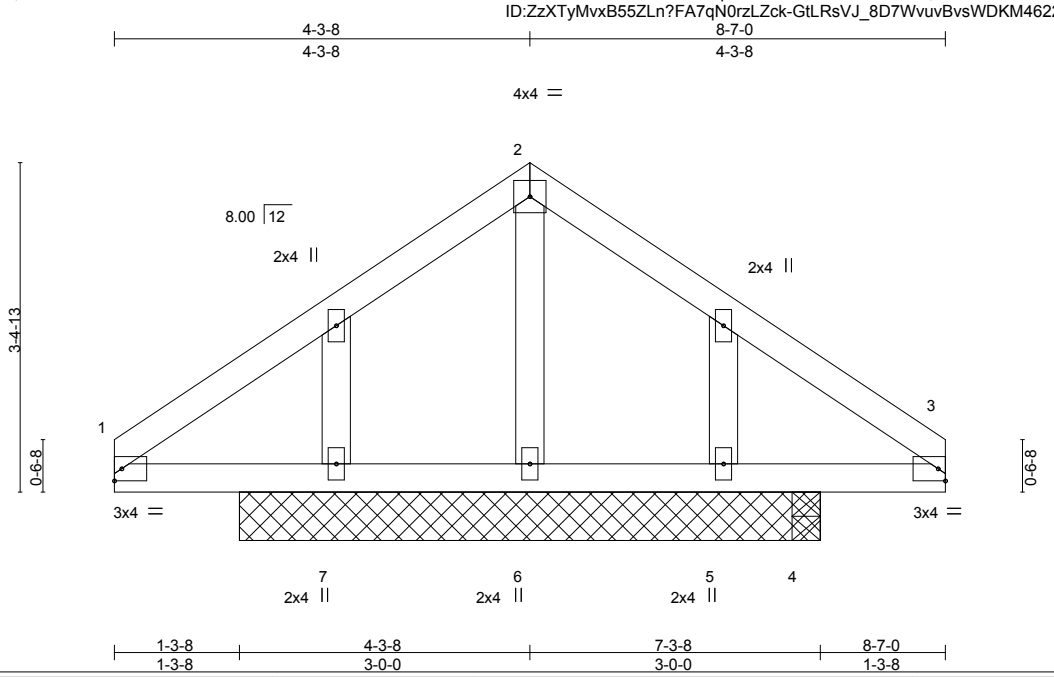

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	0.00	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	0.00	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	-0.00	6-7	>999	240	Weight: 37 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 8-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 6-0-0 except (jt=length) 4=0-3-8.
(lb) - Max Horz 7=-107(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 7 except 6=-203(LC 6), 5=-124(LC 11), 4=-184(LC 10)
Max Grav All reactions 250 lb or less at joint(s) 7, 5, 4 except 6=553(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-213/296, 2-3=-213/296
WEBS 2-6=-532/389

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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) 7 except (jt=lb) 6=203, 5=124, 4=184.

November 2,2016

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Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	B02	COMMON	12	1	E9981840
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:38 2016 Page 1
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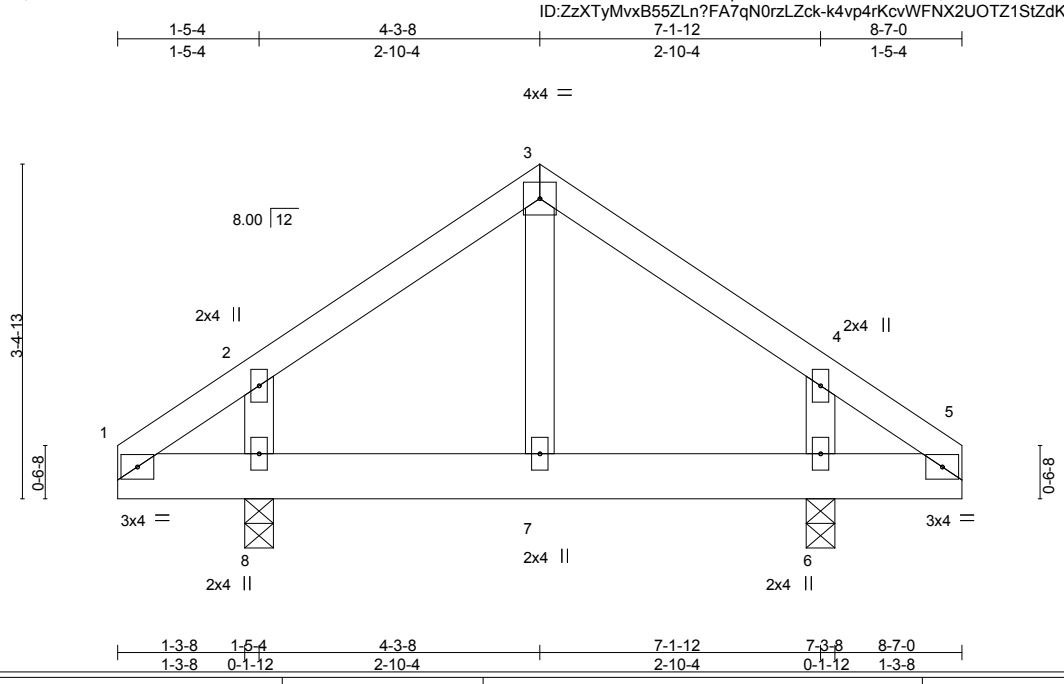

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	-0.01	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	7	>999	240	Weight: 42 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 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=-83(LC 4)
Max Uplift 8=-69(LC 6), 6=-69(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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 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.

November 2,2016

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J03	JACK-OPEN	2	1	E9981841
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:38 2016 Page 1
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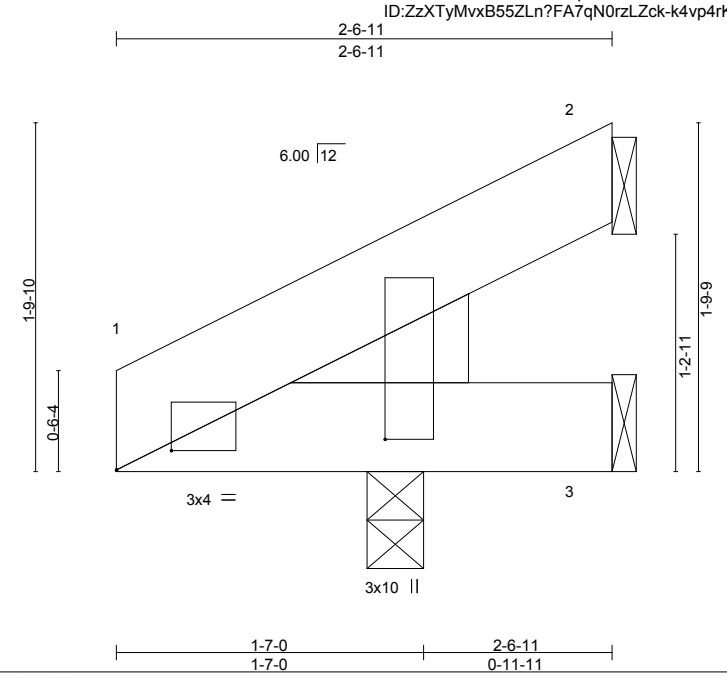

Plate Offsets (X,Y)-- [1:0-3-6,0-1-3], [1:0-1-14,1-4-10]

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	0.03	Vert(LL)	-0.00	1	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	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: 15 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 2-6-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=70/Mechanical, 3=23/Mechanical, 1=94/0-3-8
Max Horz 1=41(LC 6)
Max Uplift 2=-35(LC 6), 1=-1(LC 6)
Max Grav 2=70(LC 1), 3=47(LC 2), 1=94(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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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.

November 2,2016

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J03A	JACK-OPEN	2	1	E9981842
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:39 2016 Page 1
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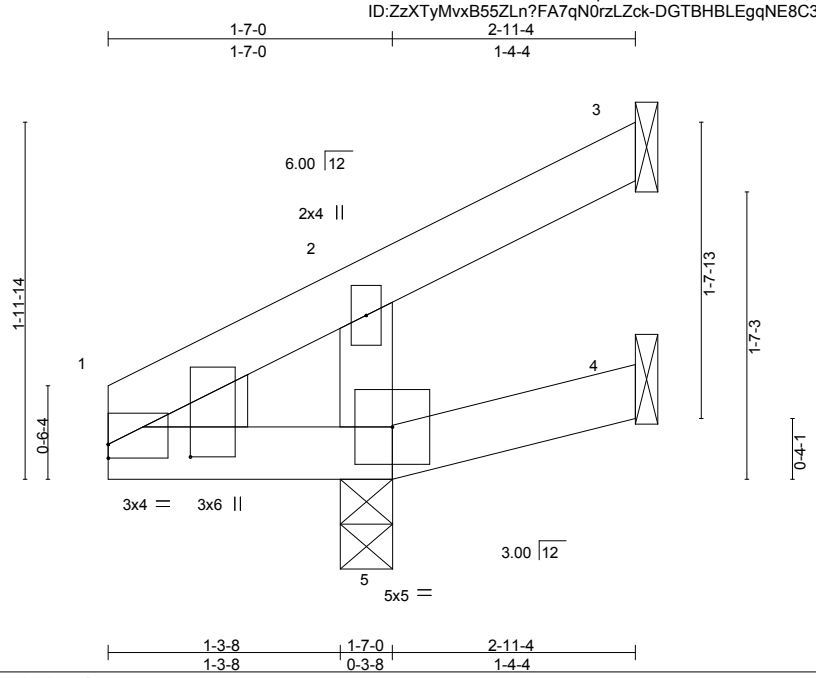


Plate Offsets (X,Y)-- [1:0-0-0,0-0-15], [1:0-0-13,0-5-8]

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	0.19	Vert(LL)	-0.00	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	-0.00	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	5	****	240	Weight: 12 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 2-11-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-39/Mechanical, 5=256/0-3-8, 4=13/Mechanical
Max Horz 5=53(LC 6)
Max Uplift 3=-45(LC 2), 5=-63(LC 6)
Max Grav 3=3(LC 4), 5=256(LC 1), 4=26(LC 2)

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

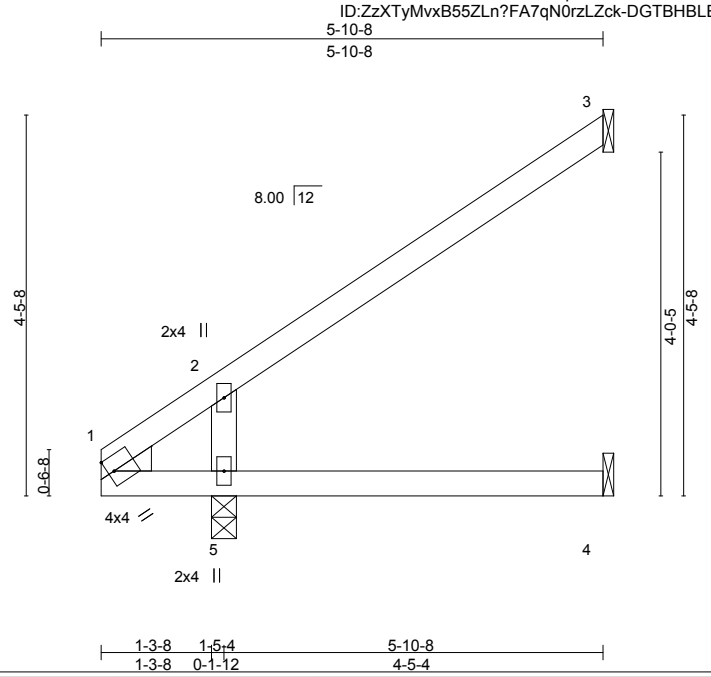
NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06	JACK-OPEN	20	1	E9981843
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:39 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-DGTBHBLEgqNE8C3a0HYhQnAT2sUmSojkFZu8EEyNGDM



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)	-0.01	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.04	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.02	4-5	>999	240	Weight: 22 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=113/Mechanical, 4=43/Mechanical, 5=309/0-3-8
Max Horz 5=132(LC 6)
Max Uplift 3=-76(LC 6), 5=-20(LC 6)
Max Grav 3=113(LC 1), 4=77(LC 2), 5=309(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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06D	JACK-OPEN GIRDER	1	1	E9981844
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:40 2016 Page 1
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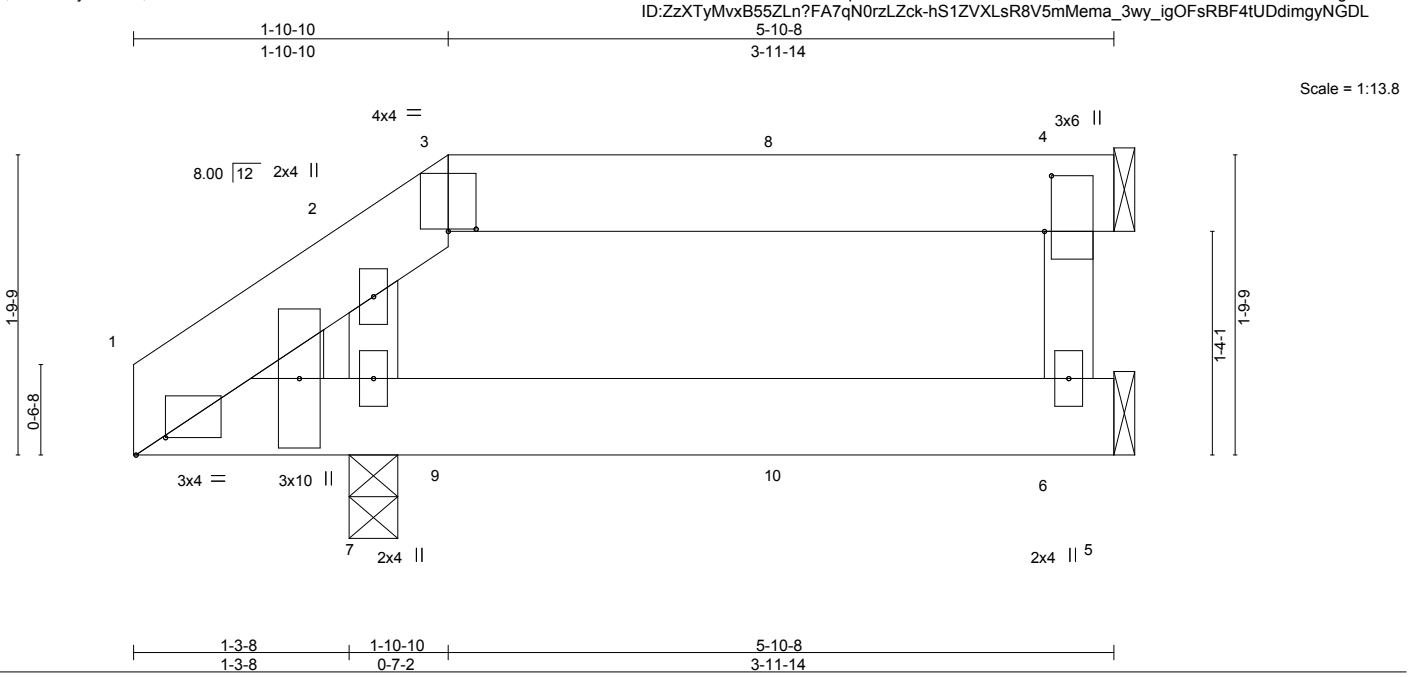


Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [3:0-2-0,0-0-3], [4:0-4-0,0-0-8]

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	0.10	Vert(LL)	-0.00	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	-0.01	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.01	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.00	6-7	>999	240	Weight: 32 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

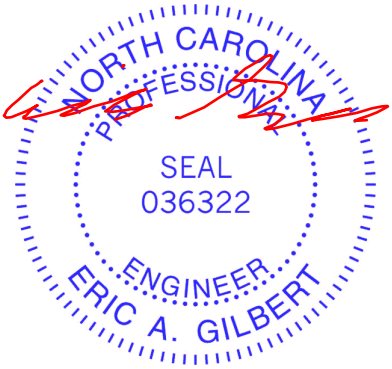
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=318/0-3-8, 4=115/Mechanical, 6=47/Mechanical
Max Horz 7=43(LC 5)
Max Uplift 7=-81(LC 5), 4=-53(LC 3)
Max Grav 7=318(LC 1), 4=120(LC 10), 6=88(LC 2)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left exposed ; 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) 7, 4.
8) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 29 lb down and 27 lb up at 1-10-10, and 10 lb down and 27 lb up at 3-11-6 on top chord, and 7 lb down at 1-11-6, and 7 lb down at 3-11-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) 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=-10(F) 8=-10(F) 9=-3(F) 10=-3(F)



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06E	JACK-OPEN	1	1	E9981845
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:41 2016 Page 1
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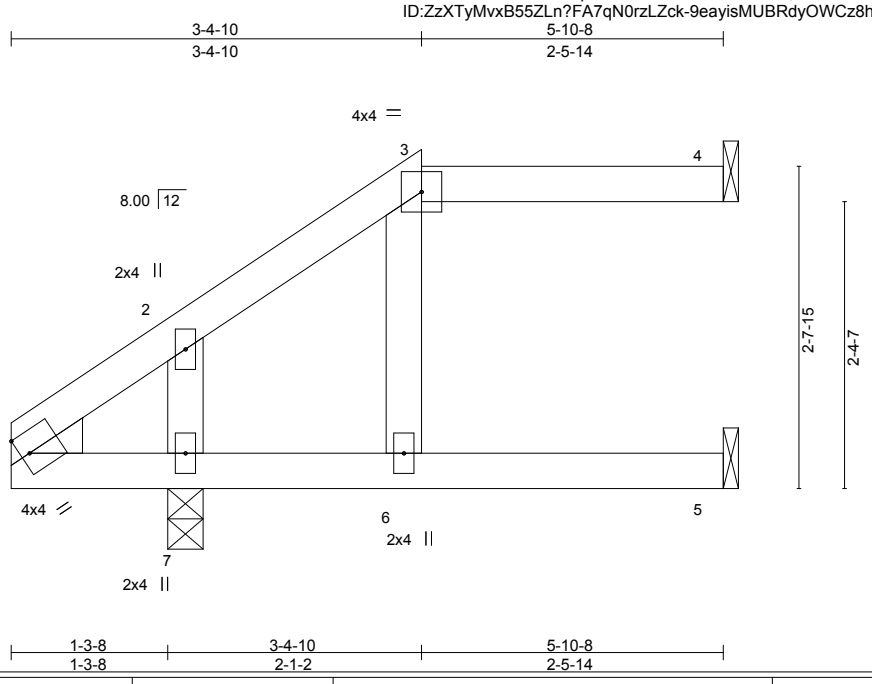

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	-0.02	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(TL)	-0.06	5-6	>851	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.08	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.03	6	>999	240	Weight: 24 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=73/Mechanical, 5=83/Mechanical, 7=309/0-3-8
Max Horz 7=77(LC 6)
Max Uplift 4=-31(LC 4), 5=-8(LC 5), 7=-52(LC 6)
Max Grav 4=73(LC 1), 5=93(LC 2), 7=309(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; cantilever left exposed ;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.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06F	JACK-OPEN	1	1	E9981846
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:41 2016 Page 1
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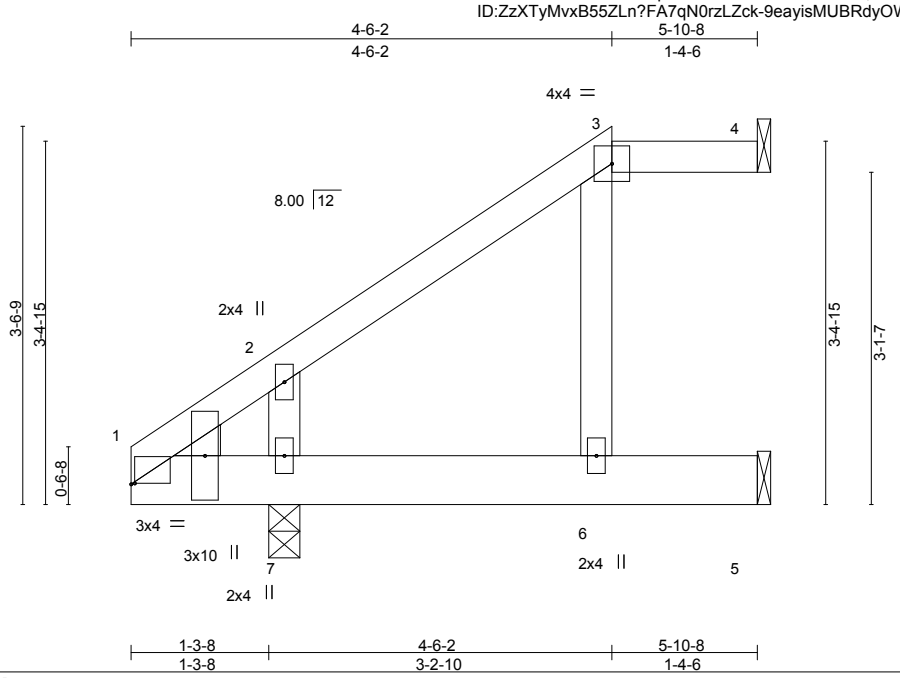

Plate Offsets (X,Y)-- [1:0-0-6,0-0-2]

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	0.09	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	-0.02	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.02	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.01	6-7	>999	240	Weight: 30 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=39/Mechanical, 5=117/Mechanical, 7=309/0-3-8
Max Horz 7=98(LC 6)
Max Uplift 4=-17(LC 4), 5=-30(LC 6), 7=-45(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; cantilever left exposed ;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.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06G	JACK-OPEN GIRDER	1	1	E9981847
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:42 2016 Page 1
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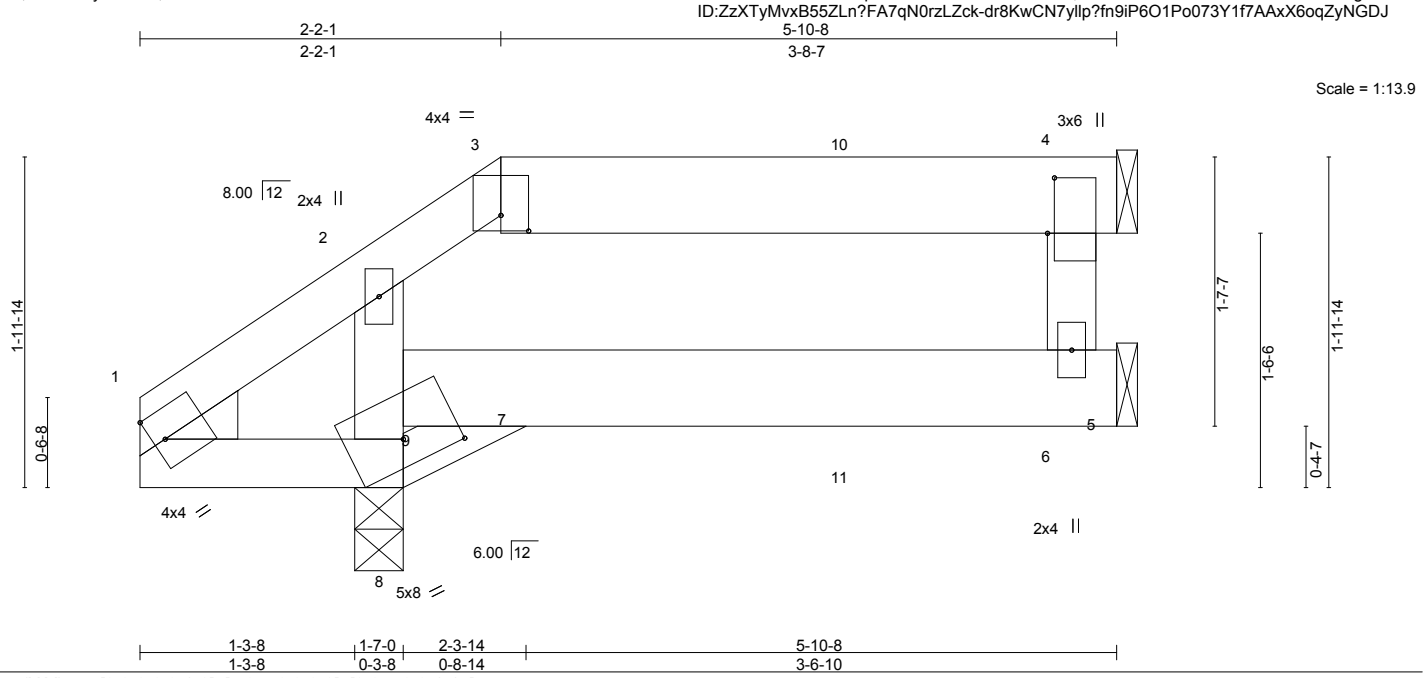

Plate Offsets (X,Y)-- [3:0-2-0,0-1-2], [4:0-4-0,0-0-8], [8:0-4-0,0-1-15]

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)	-0.00	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	-0.00	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.14	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	-0.00	7	>999	240	Weight: 30 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1 *Except*
3-4: 2x6 SP No.1
BOT CHORD 2x4 SP No.1 *Except*
5-9: 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 8=258/0-3-8, 6=28/Mechanical, 4=75/Mechanical
Max Horz 8=53(LC 16)
Max Uplift 8=-89(LC 5), 4=-66(LC 3)
Max Grav 8=258(LC 1), 6=73(LC 2), 4=76(LC 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); cantilever left exposed ; 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) 8, 4.
8) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 18 lb down and 99 lb up at 2-2-1, and 26 lb down and 99 lb up at 4-3-14 on top chord, and at 2-3-14, and at 4-3-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) 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, 1-8=-20, 7-8=-20, 5-7=-20
Concentrated Loads (lb)
Vert: 3=46(B) 10=46(B)

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06H	JACK-OPEN	1	1	E9981848
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:43 2016 Page 1
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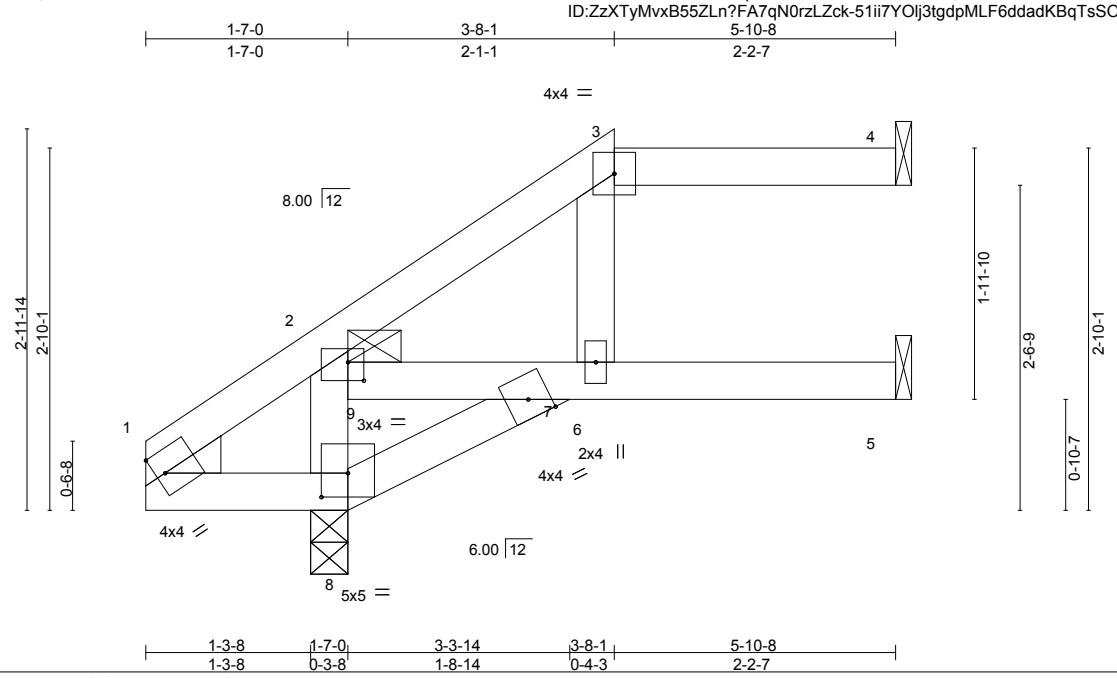


Plate Offsets (X,Y)-- [8:0-2-8,0-2-4], [9:0-1-8,0-1-12]

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	0.09	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	-0.04	6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.05	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.02	6	>999	240	Weight: 26 lb	FT = 20%

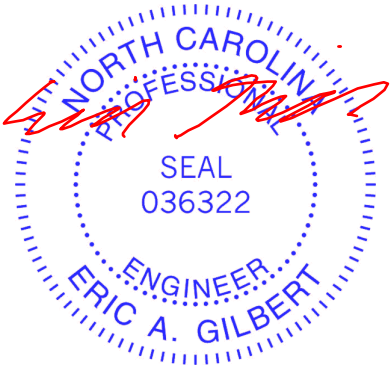
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 5-6.

REACTIONS. All bearings Mechanical except (jt=length) 8=0-3-8, 8=0-3-8.
(lb) - Max Horz 8=83(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 4, 8, 5
Max Grav All reactions 250 lb or less at joint(s) 4, 5 except 8=320(LC 1), 8=320(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; cantilever left exposed ;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, 8, 5.



November 2,2016

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A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06I	JACK-OPEN	1	1	E9981849
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:43 2016 Page 1
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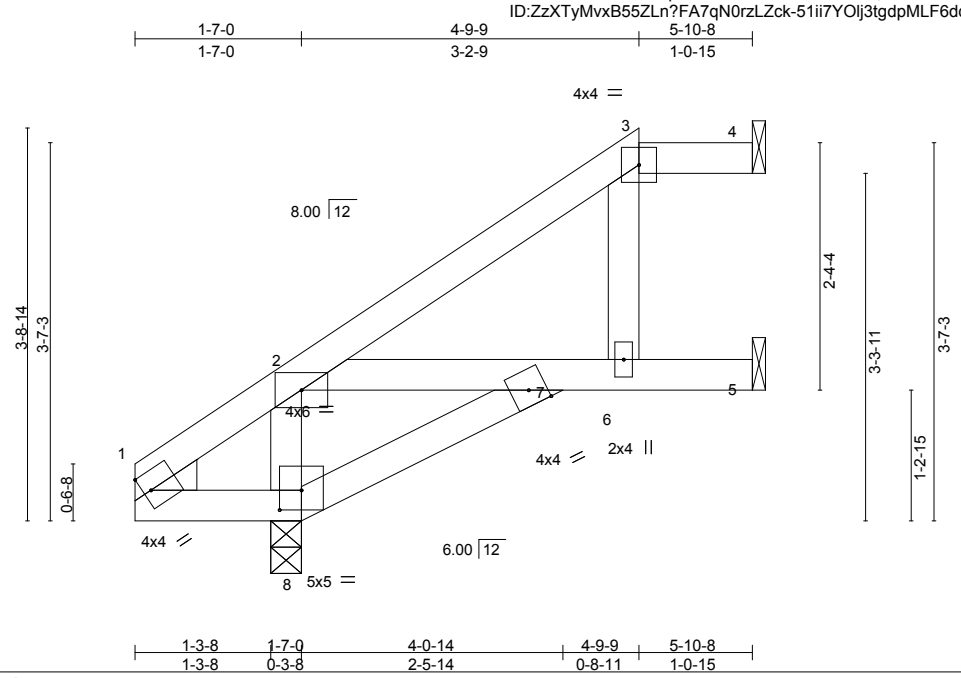

Plate Offsets (X,Y)-- [8:0-2-8,0-2-4]

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	0.09	Vert(LL)	-0.02	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(TL)	-0.04	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.05	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.03	7	>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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 5-6.

REACTIONS. All bearings Mechanical except (jt=length) 8=0-3-8, 8=0-3-8.
(lb) - Max Horz 8=107(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 4, 8, 5
Max Grav All reactions 250 lb or less at joint(s) 4, 5 except 8=320(LC 1), 8=320(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-267/153

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; cantilever left exposed ;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, 8, 5.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06J	JACK-OPEN	1	1	E9981850
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:44 2016 Page 1
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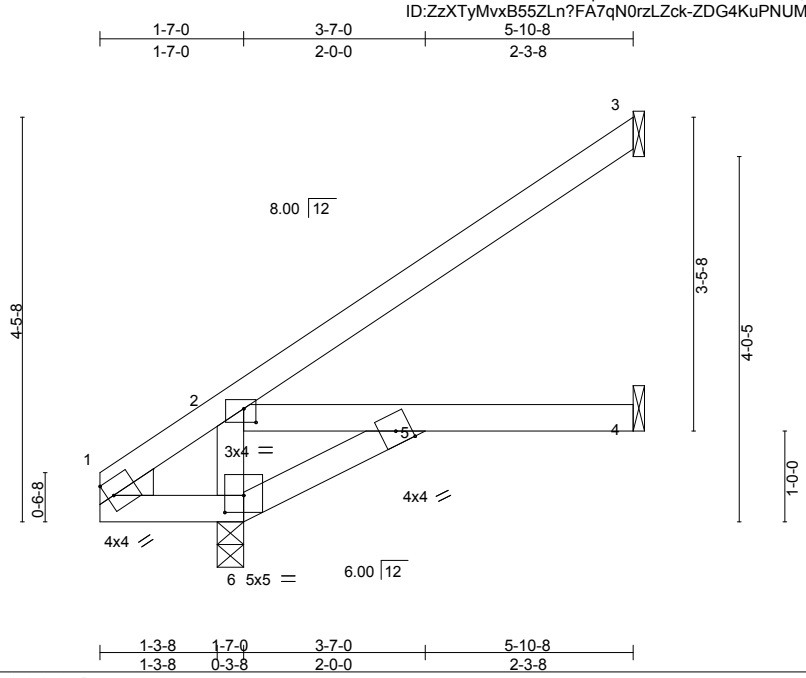

Plate Offsets (X,Y)-- [2:0-1-10,0-1-13], [6:0-2-8,0-2-4]

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	0.19	Vert(LL)	-0.02	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	-0.04	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	5	>999	240	Weight: 25 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=111/Mechanical, 6=353/0-3-8, 4=44/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-64(LC 6), 6=-8(LC 6), 4=-6(LC 6)
Max Grav 3=111(LC 1), 6=353(LC 1), 4=84(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-6=-303/132

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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, 6, 4.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06K	JACK-OPEN	1	1	E9981851
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:45 2016 Page 1
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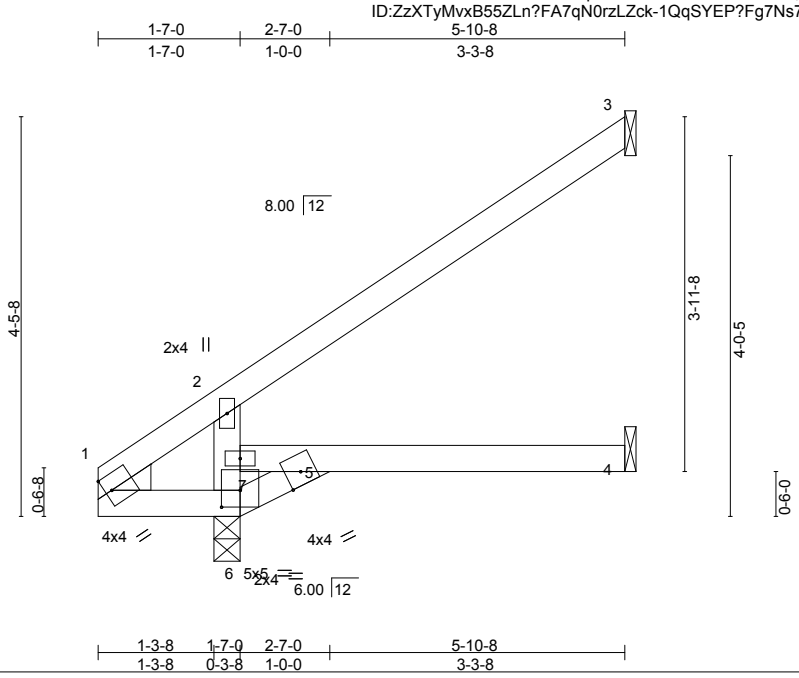


Plate Offsets (X,Y)-- [6:0-2-8,0-2-4]

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	0.19	Vert(LL)	-0.01	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(TL)	-0.03	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.02	4-5	>999	240	Weight: 23 lb	FT = 20%

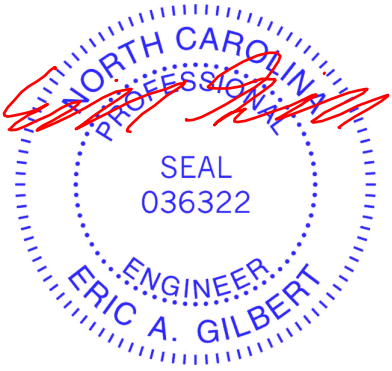
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=110/Mechanical, 6=340/0-3-8, 4=38/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-69(LC 6), 6=-14(LC 6), 4=-4(LC 6)
Max Grav 3=110(LC 1), 6=340(LC 1), 4=73(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 5-6=-253/23
WEBS 6-7=-290/146, 2-7=-255/125

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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, 6, 4.



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06L	JACK-OPEN	1	1	E9981852
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:45 2016 Page 1
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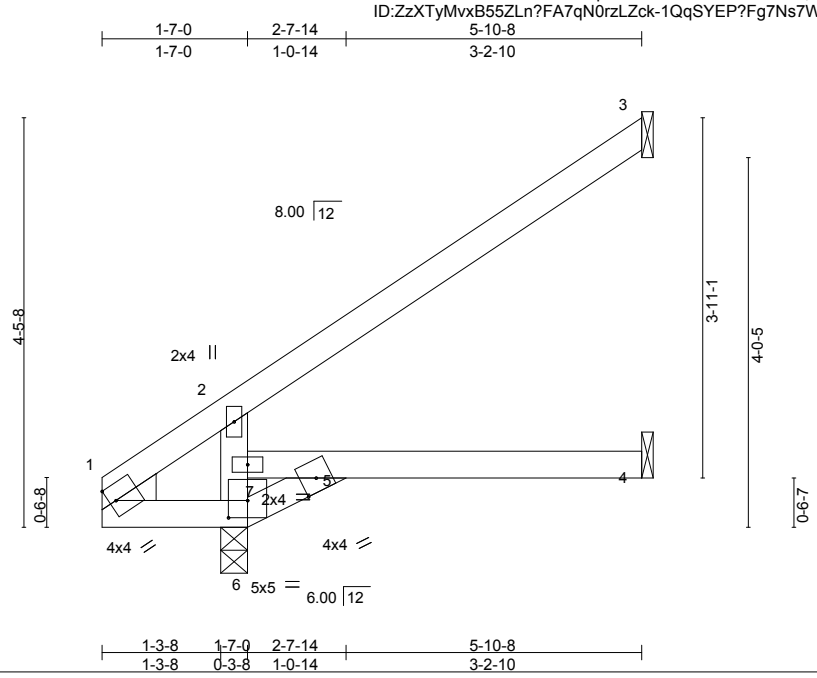

Plate Offsets (X,Y)-- [6:0-2-8,0-2-4]

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	0.19	Vert(LL)	-0.01	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(TL)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	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
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=110/Mechanical, 6=341/0-3-8, 4=38/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-69(LC 6), 6=-14(LC 6), 4=-4(LC 6)
Max Grav 3=110(LC 1), 6=341(LC 1), 4=73(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-7=-291/147, 2-7=-254/125

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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, 6, 4.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06M	JACK-OPEN	1	1	E9981853
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:46 2016 Page 1
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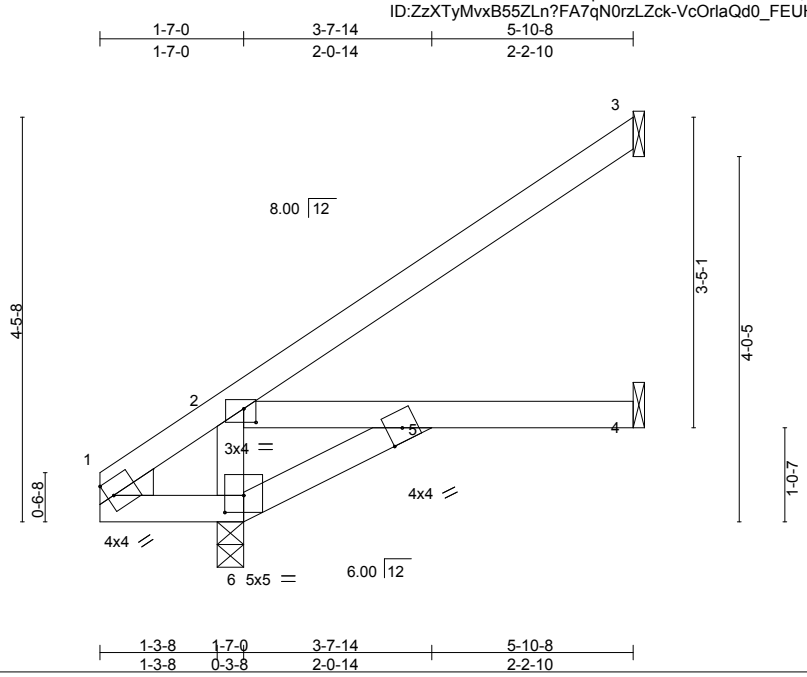

Plate Offsets (X,Y)-- [2:0-1-10,0-1-13], [6:0-2-8,0-2-4]

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	0.19	Vert(LL)	-0.02	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	-0.05	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	5	>999	240	Weight: 25 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=110/Mechanical, 6=353/0-3-8, 4=45/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-63(LC 6), 6=-7(LC 6), 4=-6(LC 6)
Max Grav 3=110(LC 1), 6=353(LC 1), 4=85(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-6=-303/132

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 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, 6, 4.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06N	JACK-OPEN	1	1	E9981854
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:46 2016 Page 1
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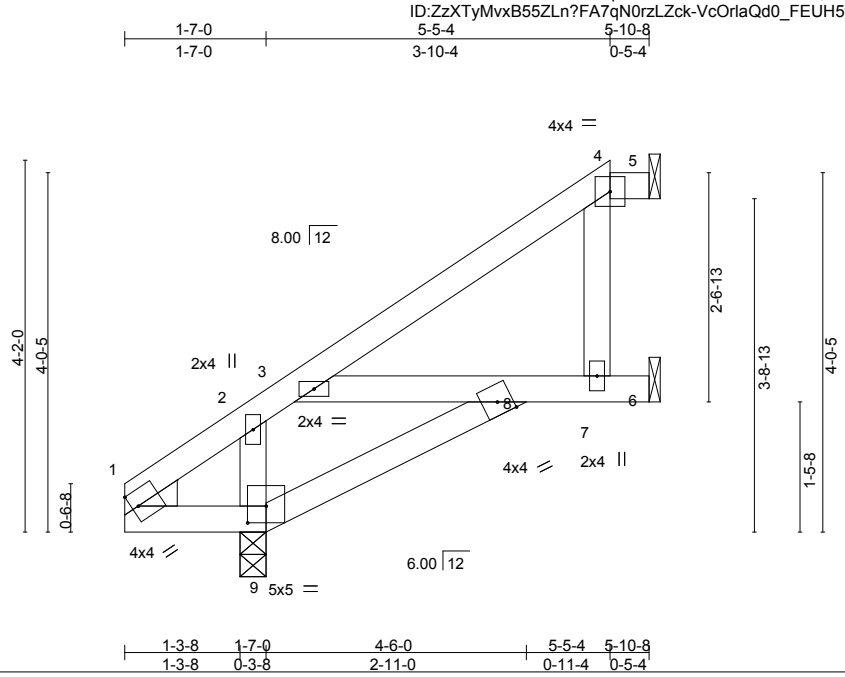


Plate Offsets (X,Y)-- [9:0-2-8,0-2-4]

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	0.15	Vert(LL)	-0.01	8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	-0.02	3-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		Matrix-S		Wind(LL)	0.01	3-8	>999	240	Weight: 29 lb	FT = 20%

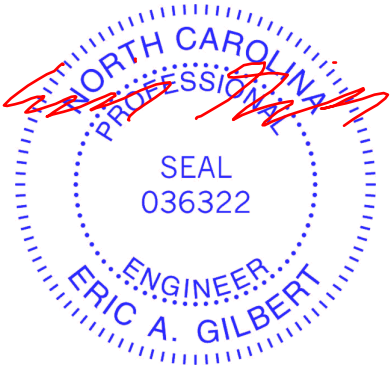
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 6-7.

REACTIONS. All bearings Mechanical except (jt=length) 9=0-3-8, 9=0-3-8.
(lb) - Max Horz 9=121(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 5, 9, 6
Max Grav All reactions 250 lb or less at joint(s) 5, 6 except 9=320(LC 1), 9=320(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; cantilever left exposed ;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) 5, 9, 6.



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06O	JACK-OPEN	1	1	E9981855
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:47 2016 Page 1
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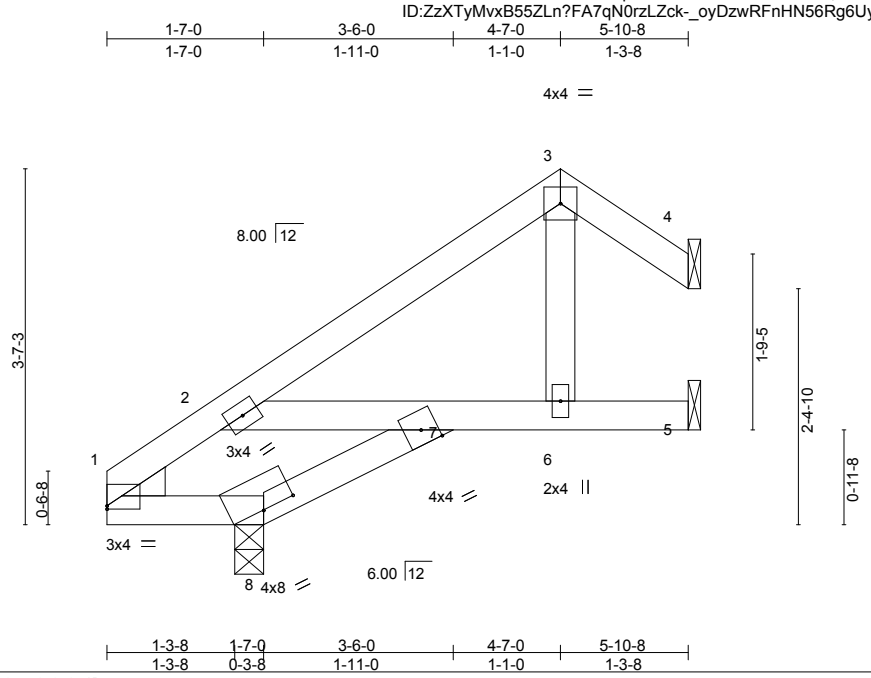

Plate Offsets (X,Y)-- [1:0-0-0,0-0-6], [8:0-4-0,0-0-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.02	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(TL)	-0.05	2-7	>997	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.05	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	2	>999	240	Weight: 27 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=39/Mechanical, 8=320/0-3-8, 5=106/Mechanical
Max Horz 8=89(LC 6)
Max Uplift 4=-16(LC 7), 8=-56(LC 6), 5=-22(LC 6)
Max Grav 4=47(LC 11), 8=320(LC 1), 5=106(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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 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, 8, 5.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	J06P	JACK-OPEN	1	1	E9981856
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:48 2016 Page 1
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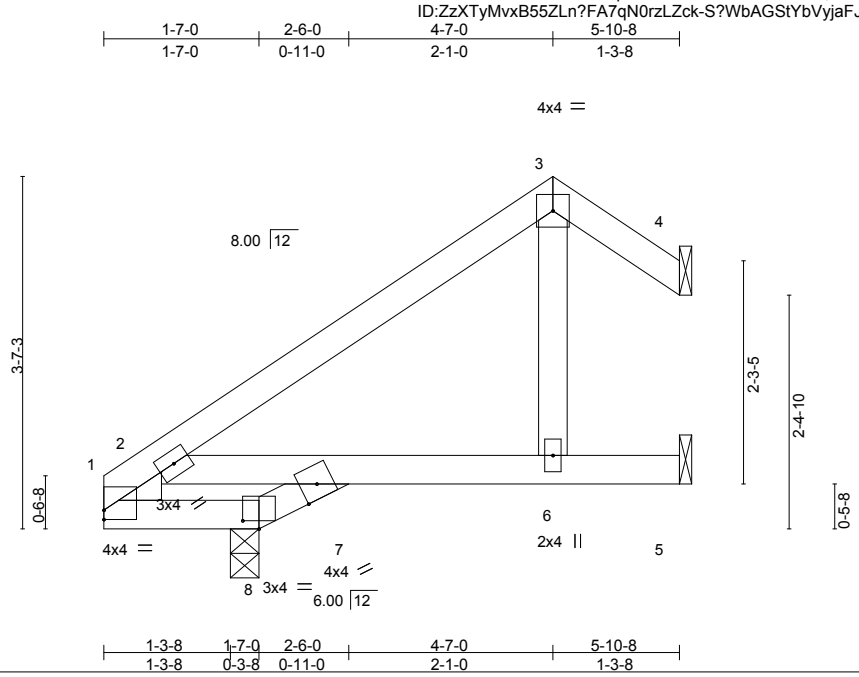


Plate Offsets (X,Y)-- [1:0-0-0,0-1-2], [8:0-2-0,0-1-0]

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	0.15	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(TL)	-0.03	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.05	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.02	6-7	>999	240	Weight: 27 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=39/Mechanical, 8=320/0-3-8, 5=107/Mechanical
Max Horz 8=89(LC 6)
Max Uplift 4=-15(LC 7), 8=-56(LC 6), 5=-23(LC 6)
Max Grav 4=48(LC 11), 8=320(LC 1), 5=107(LC 1)

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

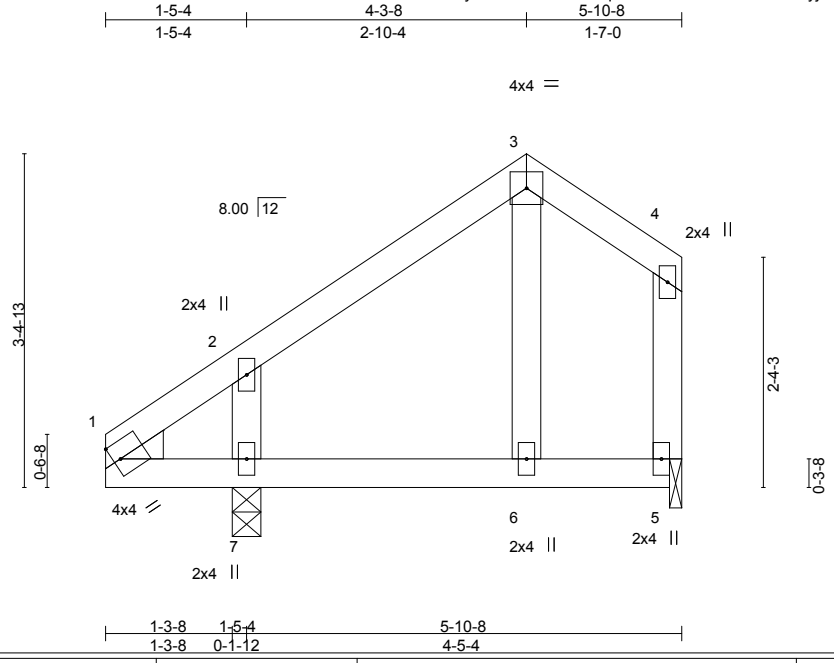
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) * This truss has been designed for a 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, 8, 5.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	M01	COMMON	3	1	E9981857
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:48 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-S?WbAGStYbVyjaFJ2gDoHg21fUZp3s82KSZ72DyNGDD



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.03	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.01	6	>999	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 5-10-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=306/0-3-8, 5=152/0-1-8
Max Horz 7=83(LC 5)
Max Uplift 7=-54(LC 6), 5=-23(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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
5) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 5.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	M02	HALF HIP	1	1	E9981858
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:49 2016 Page 1
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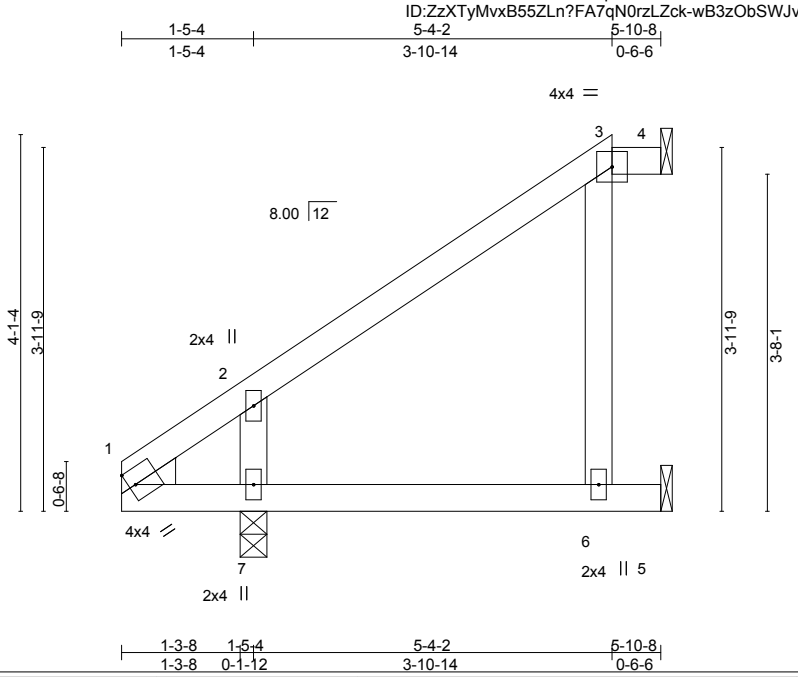

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	-0.04	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.05	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.03	6-7	>999	240	Weight: 27 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=14/Mechanical, 5=142/Mechanical, 7=309/0-3-8
Max Horz 7=119(LC 6)
Max Uplift 4=-6(LC 4), 5=-57(LC 6), 7=-31(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; cantilever left exposed ;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.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	M03	GABLE	1	1	E9981859
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:49 2016 Page 1
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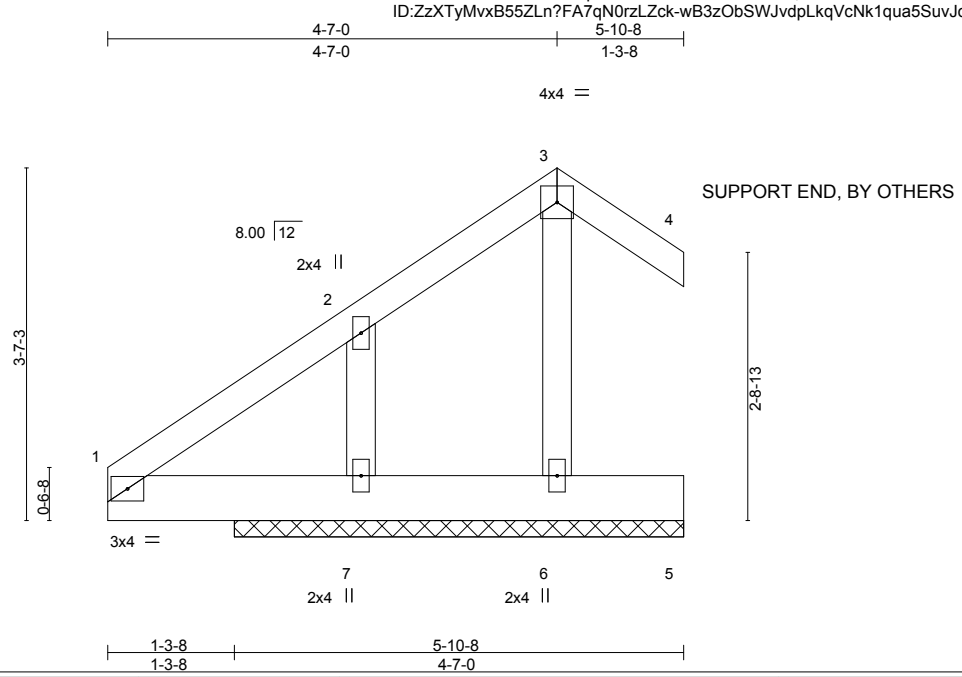

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.11	3-4	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	-0.20	3-4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 31 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 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=83/4-7-0, 7=387/4-7-0
Max Horz 7=69(LC 6)
Max Uplift 6=-58(LC 6), 7=-10(LC 6)
Max Grav 6=110(LC 11), 7=387(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-423/323

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; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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) 6, 7.
8) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	P01	COMMON STRUCTURAL GA	1	1	E9981860
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:50 2016 Page 1
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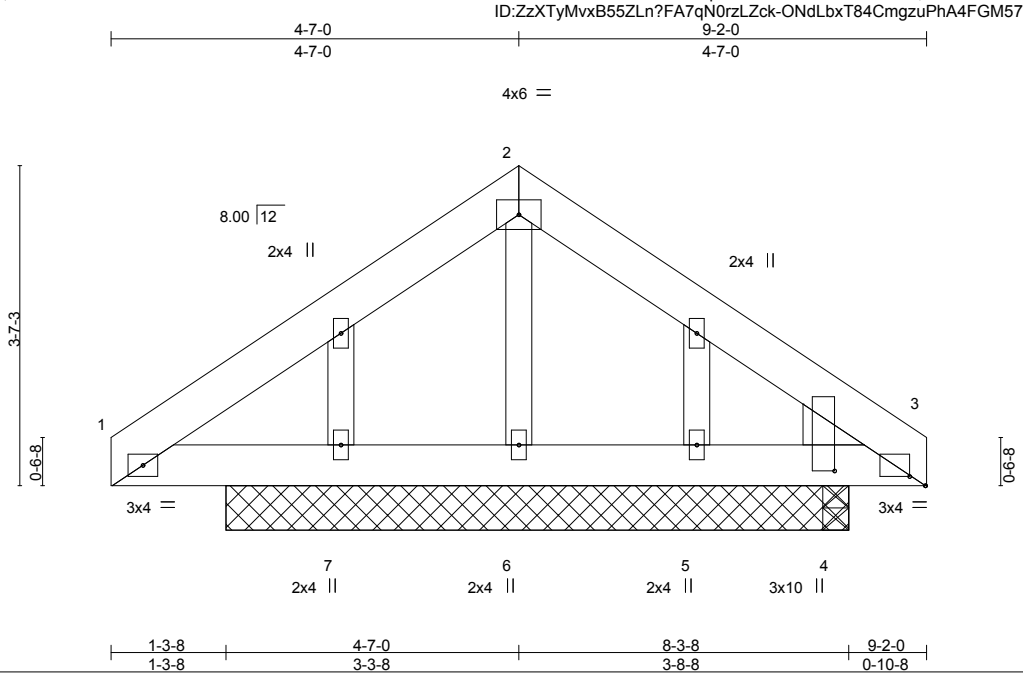


Plate Offsets (X,Y)-- [3:0-2-2,0-1-4], [3:0-2-0,1-0-4]

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	0.10	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	0.12	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: 58 lb	FT = 20%

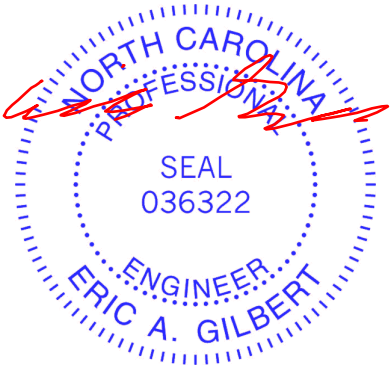
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
WEDGE
Right: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 9-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 7-0-0 except (jt=length) 4=0-3-8.
(lb) - Max Horz 7=-108(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 3, 7, 4 except 6=-134(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 3, 7, 5, 4 except 6=465(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-73/268, 2-3=-71/262
WEBS 2-6=-486/230

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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) 3, 7, 4 except (jt=lb) 6=134.



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	P02	COMMON	2	1	E9981861
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:51 2016 Page 1
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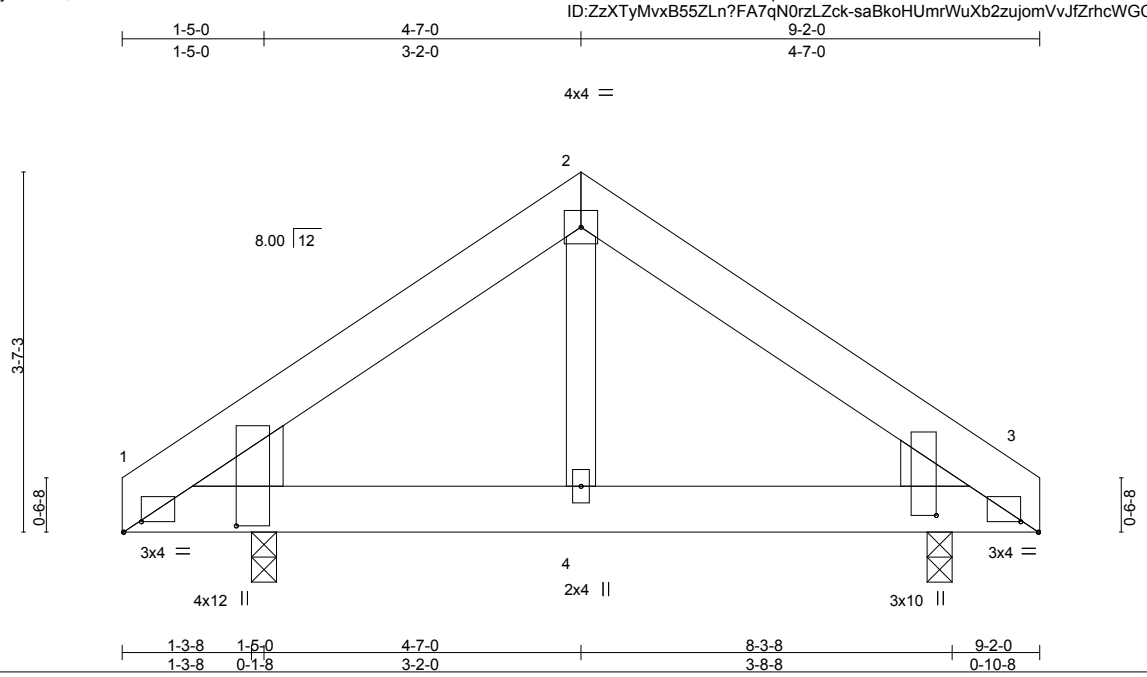

Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [1:0-0-12,1-1-8], [3:0-2-2,0-1-4], [3:0-2-0,1-0-4]

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	0.09	Vert(LL)	-0.00	3-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(TL)	-0.01	3-4	>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: 57 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=356/0-3-0, 3=356/0-3-0
Max Horz 1=86(LC 5)
Max Uplift 1=-26(LC 6), 3=-26(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-429/102, 2-3=-429/102
BOT CHORD 1-4=-11/294, 3-4=-11/294

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 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.

November 2,2016

ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	P03	COMMON SUPPORTED GAB	5	1	E9981862
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:51 2016 Page 1
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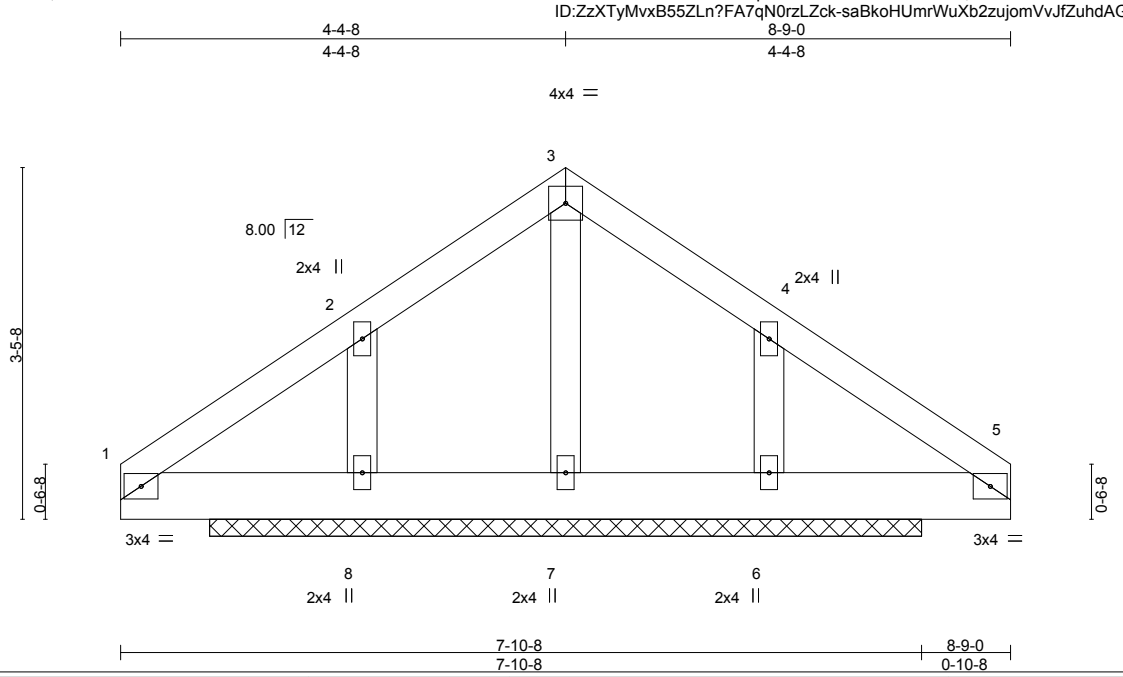


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007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

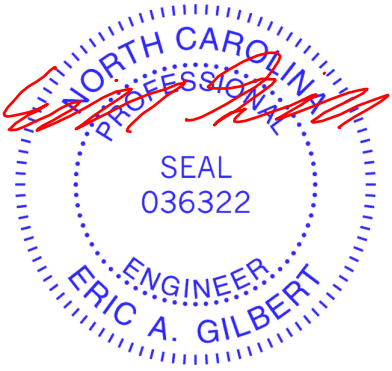
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.3

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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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.



November 2,2016

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A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	P04	COMMON	10	1	E9981863
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:52 2016 Page 1
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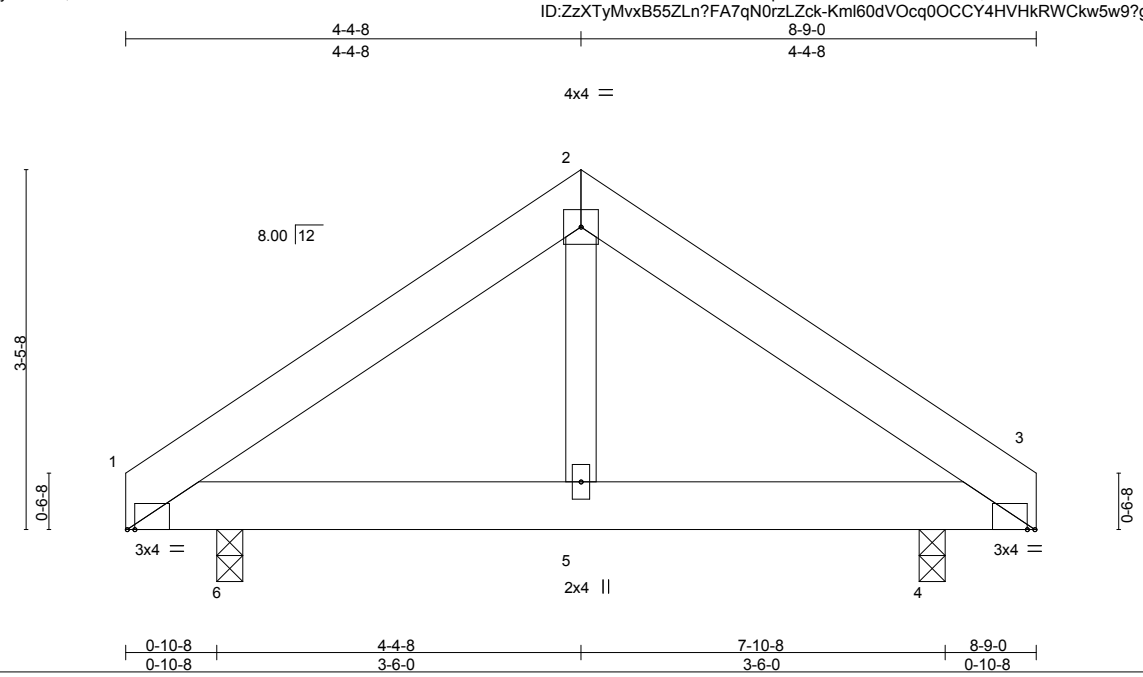


Plate Offsets (X,Y)-- [1:0-0-14,0-0-0], [3:0-0-14,0-0-0]

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	0.07	Vert(LL)	-0.00	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(TL)	-0.01	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S		Wind(LL)	0.00	5	>999	240	Weight: 50 lb	FT = 20%

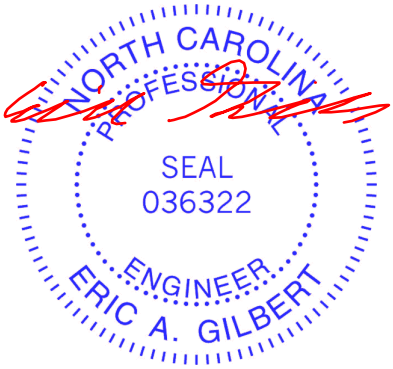
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3

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) 6=349/0-3-0, 4=349/0-3-0
Max Horz 6=-82(LC 4)
Max Uplift 6=-54(LC 6), 4=-54(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; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 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) 6, 4.



November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	V01	GABLE	2	1	E9981864
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:53 2016 Page 1
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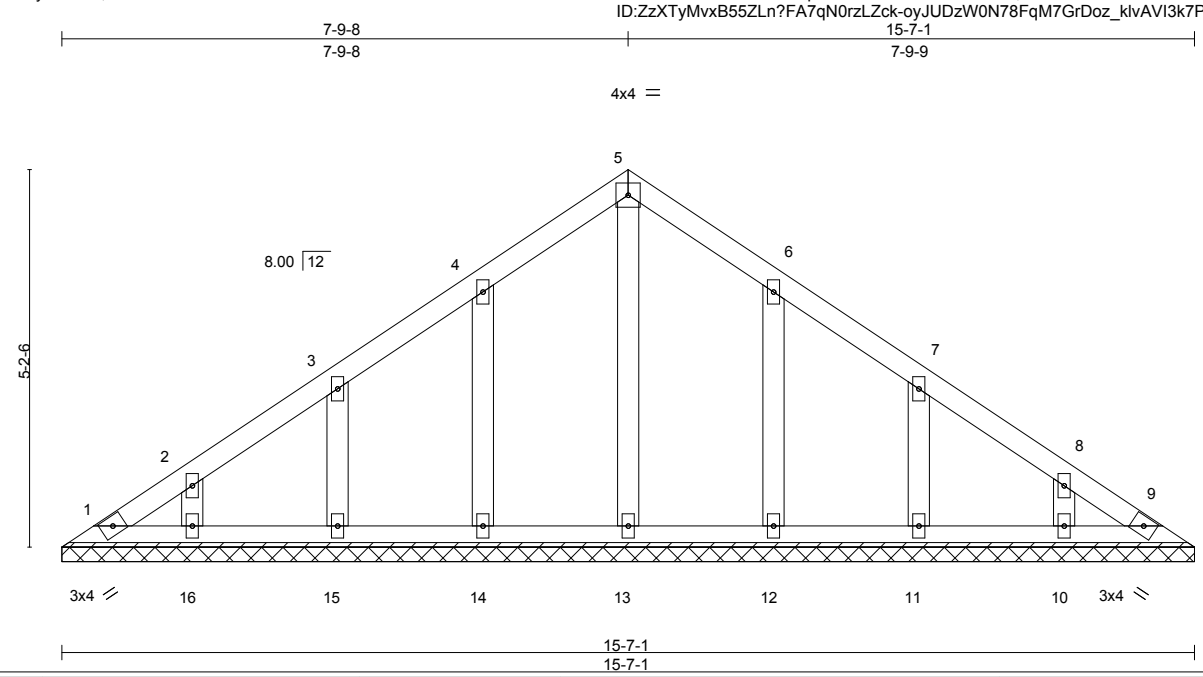

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	9	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 74 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 15-7-1.
(lb) - Max Horz 1=-170(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 14, 15, 16, 12, 11, 10
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, 9, 14, 15, 16, 12, 11, 10.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	V02	VALLEY	2	1	E9981865
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:53 2016 Page 1
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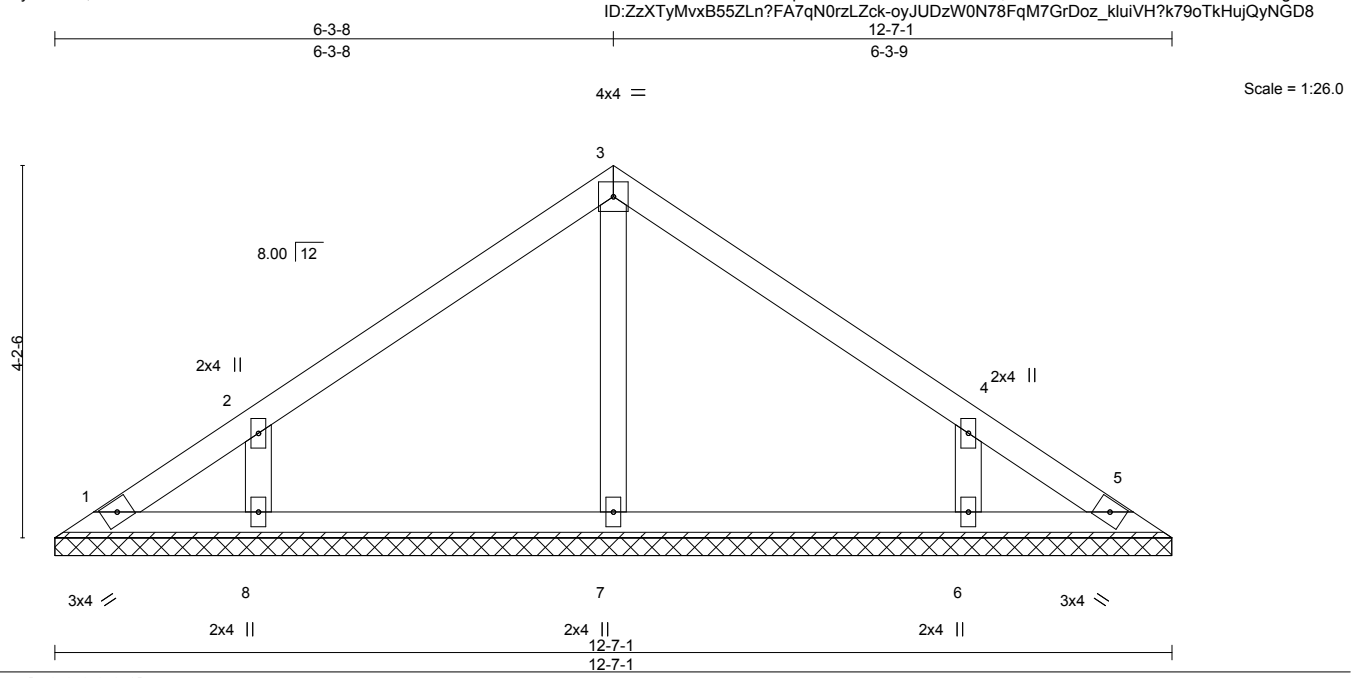

Plate Offsets (X,Y)-- [4:0-0-0,0-0-0]

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	0.13	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 12-7-1.
(lb) - Max Horz 1=-108(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=296(LC 10), 6=296(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) 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, 5, 8, 6.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	V03	VALLEY	2	1	E9981866
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:54 2016 Page 1
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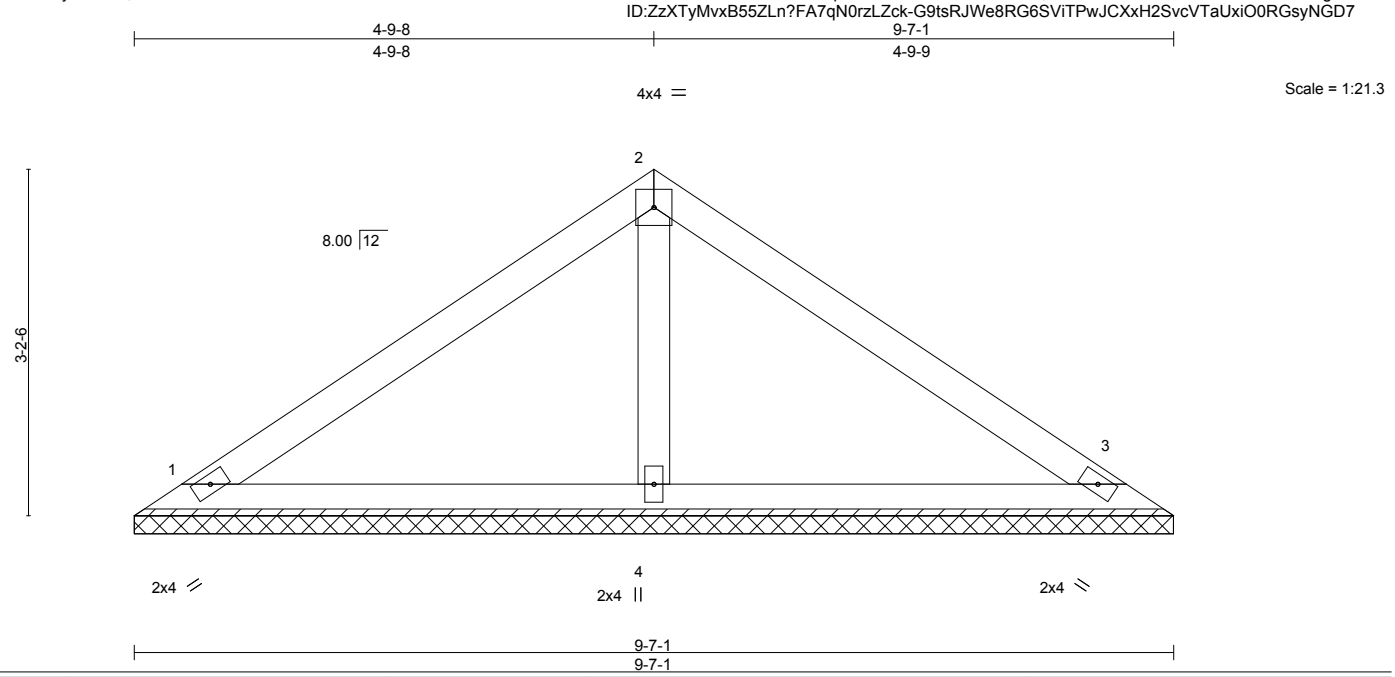

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	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=173/9-7-1, 3=173/9-7-1, 4=344/9-7-1
Max Horz 1=-80(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) 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, 4.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	V04	VALLEY	2	1	E9981867
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:54 2016 Page 1
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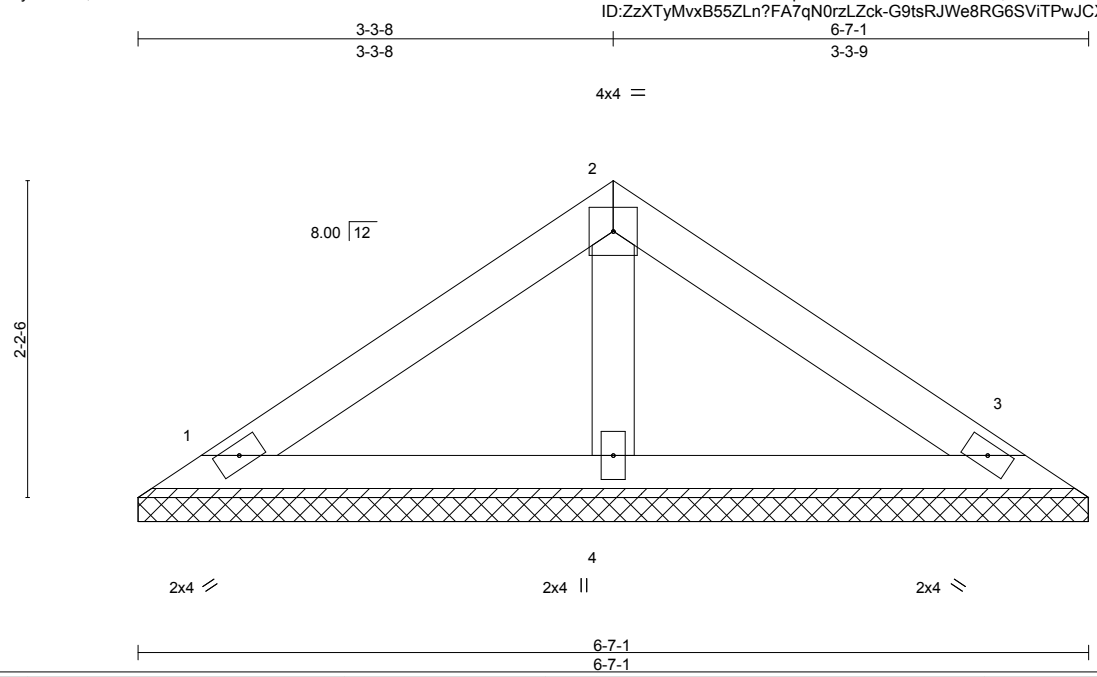

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 22 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=123/6-7-1, 3=123/6-7-1, 4=204/6-7-1
Max Horz 1=52(LC 5)
Max Uplift 1=-21(LC 6), 3=-25(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) 1, 3.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	V05	VALLEY	2	1	E9981868
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:55 2016 Page 1
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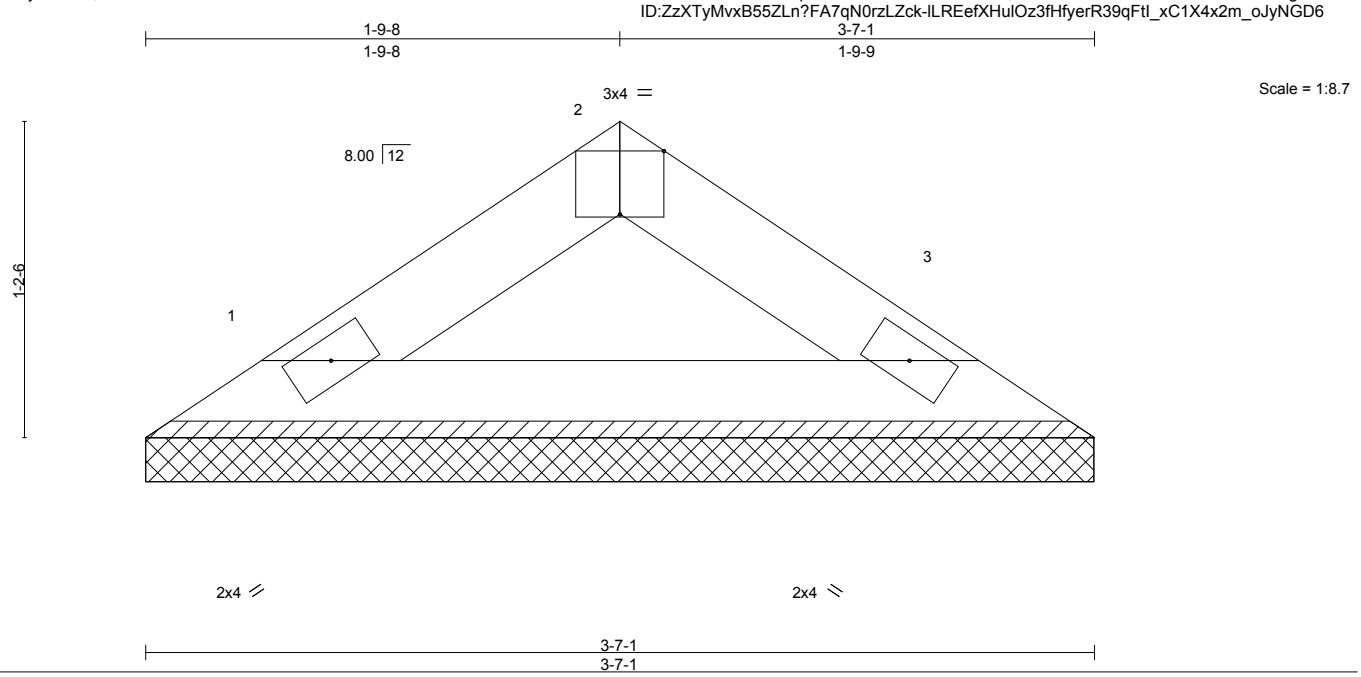

Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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	0.06	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: 10 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 3-7-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=105/3-7-1, 3=105/3-7-1
Max Horz 1=-24(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) 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.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	VB01	VALLEY	5	1	E9981869
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:56 2016 Page 1
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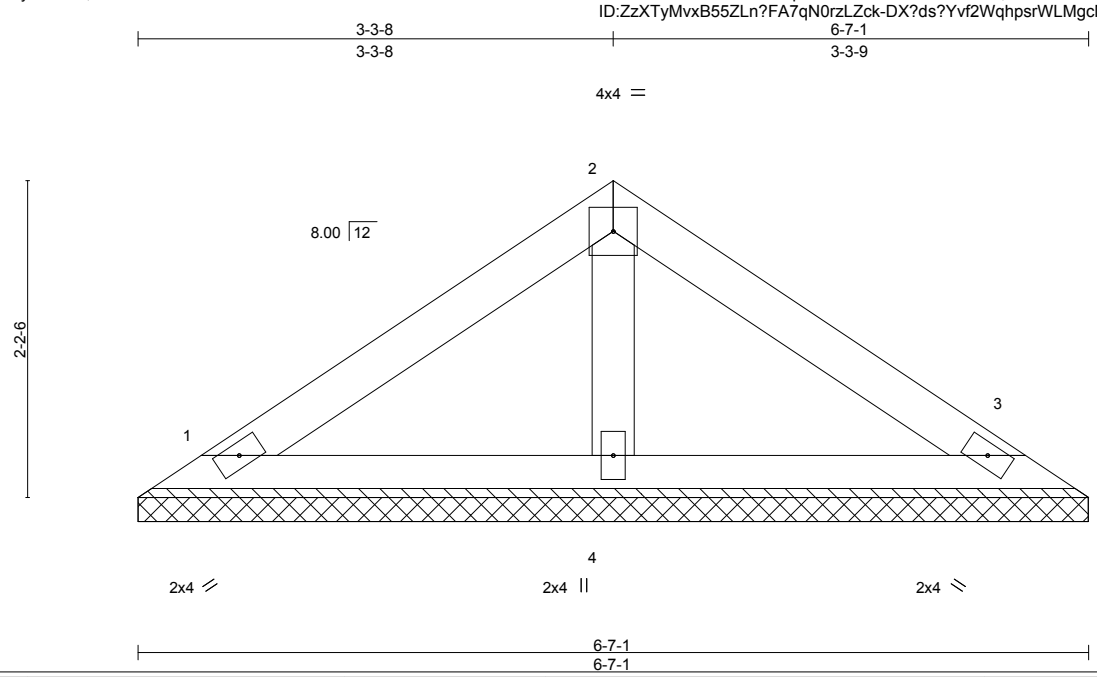

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	Matrix-S							Weight: 22 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=123/6-7-1, 3=123/6-7-1, 4=204/6-7-1
Max Horz 1=-52(LC 4)
Max Uplift 1=-21(LC 6), 3=-25(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) 1, 3.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	VB02	VALLEY	5	1	E9981870
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:56 2016 Page 1
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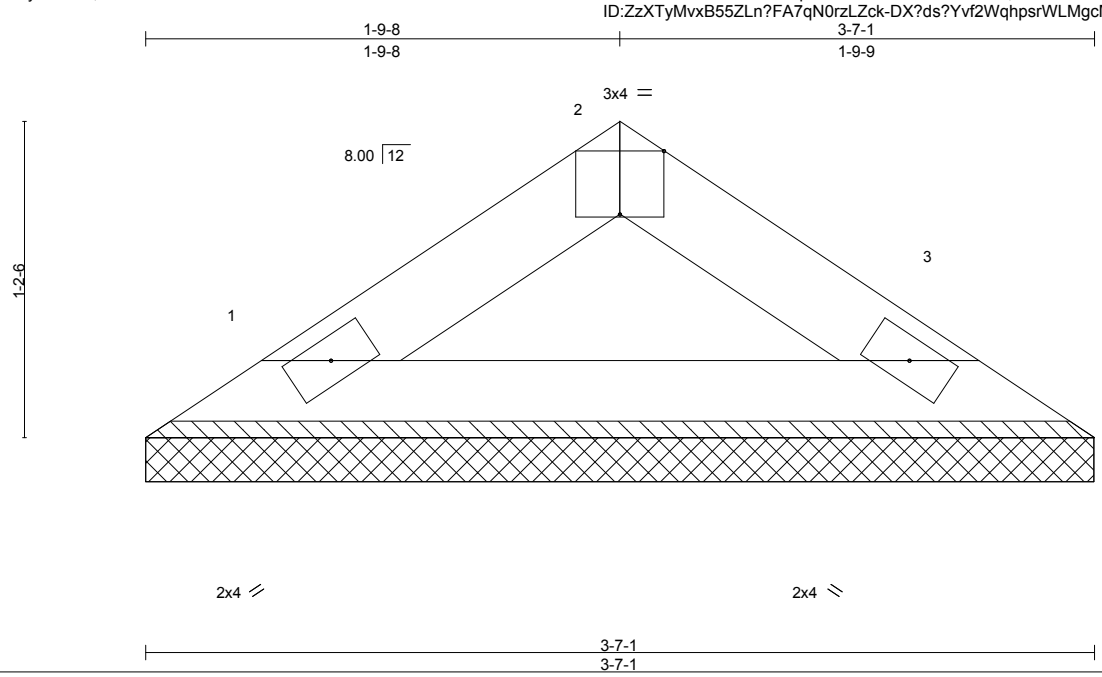

Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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	0.06	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: 10 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 3-7-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=105/3-7-1, 3=105/3-7-1
Max Horz 1=-24(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) 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.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	VP01	VALLEY	3	1	E9981871
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:57 2016 Page 1
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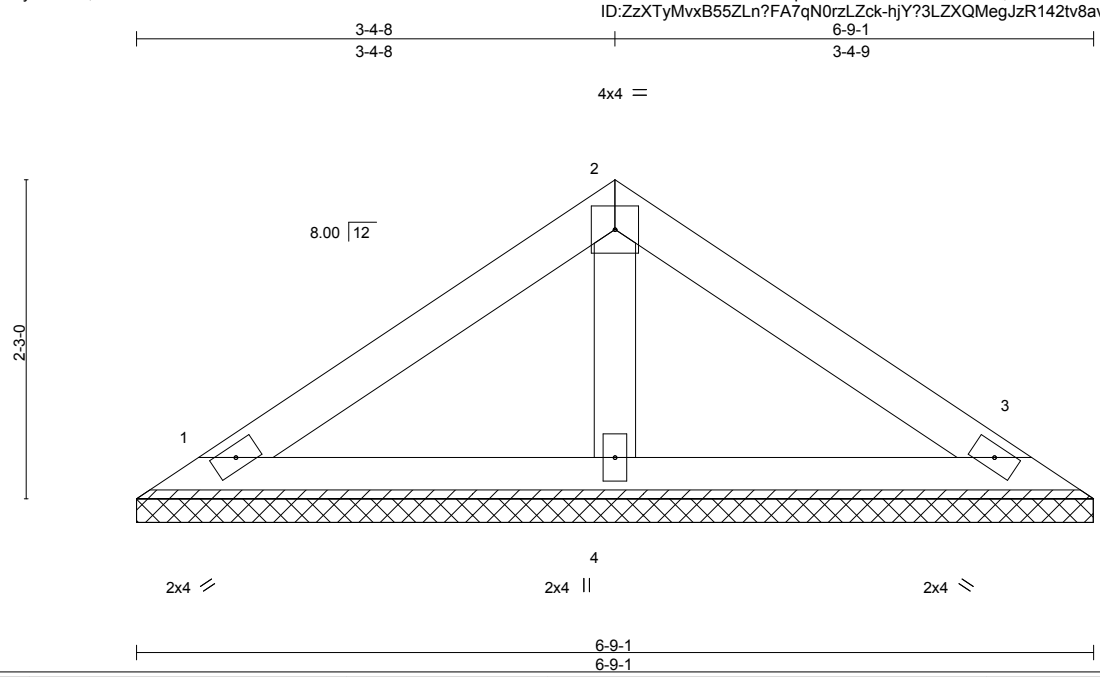


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	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=127/6-9-1, 3=127/6-9-1, 4=210/6-9-1
Max Horz 1=-54(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) 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.
6) Non Standard bearing condition. Review required.

November 2,2016

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

Job	Truss	Truss Type	Qty	Ply	Jason Price / Campbell Pointe Bldg. 19
J1116-5386	VP02	VALLEY	3	1	E9981872
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 8.010 s Apr 20 2016 MiTek Industries, Inc. Wed Nov 02 10:28:57 2016 Page 1
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-hjY?3LZXQMegJzR142tv8avbK6fHgx1NOMF5sByNGD4

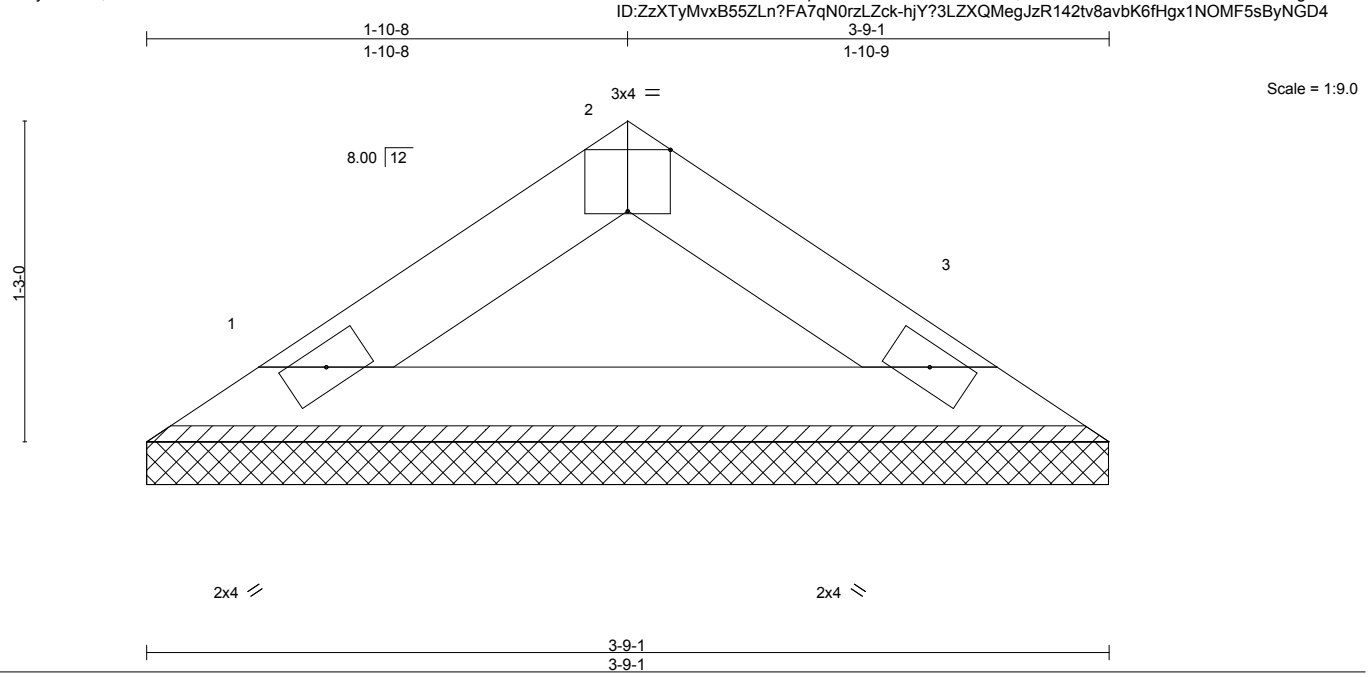


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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 3-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=112/3-9-1, 3=112/3-9-1
Max Horz 1=-26(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.

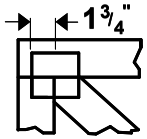
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This 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.
6) Non Standard bearing condition. Review required.

November 2,2016

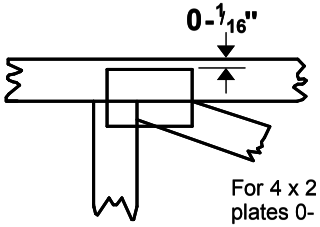
ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

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.

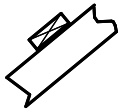
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

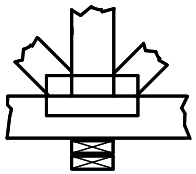
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

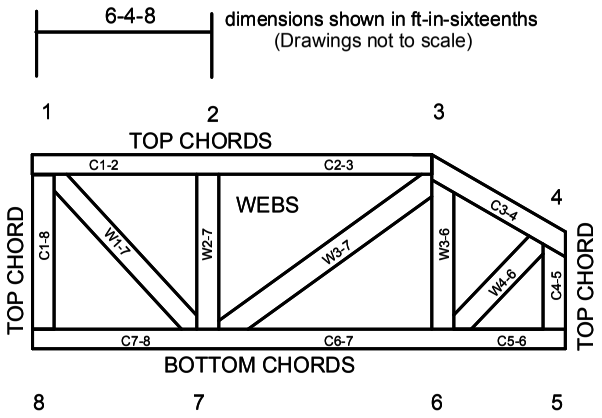


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

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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.