ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: J0216-0966
Price\Campbell Building #12\Harnett

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: E9310002 thru E9310056

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.

February 29,2016

Lassiter, Frank

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	Price\Campbell Building #12\Harnett	
J0216-0966	A01	Hip Girder	1	2	Job Reference (optional)	E9310002

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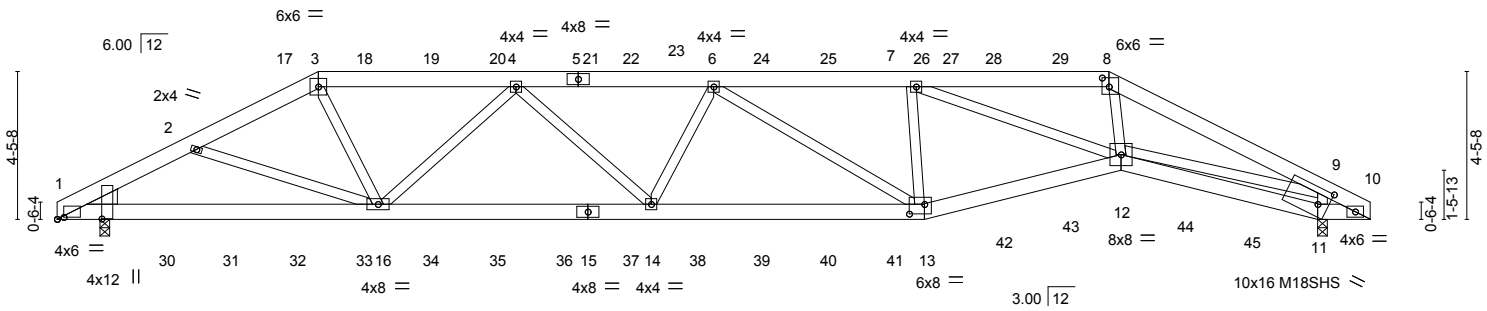
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-pE6EY83wxL1nnkuxzYvFYx7bGTrAAnc76gBx4ZzgFli

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 = 1:69.5



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], [8:0-2-8,0-3-4], [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	0.81	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	0.90	Horz(TL)	0.14	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.19	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=2501/0-3-8, 1=2281/0-3-8
Max Horz 1=51(LC 4)
Max Uplift 11=-847(LC 6), 1=-681(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension

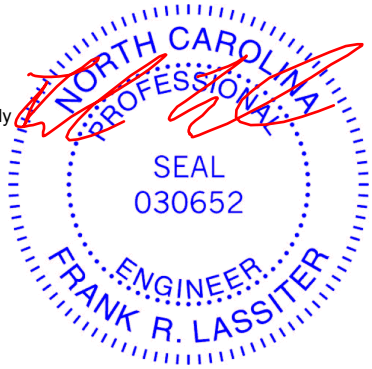
TOP CHORD 1-2=-4192/1376, 2-17=-3982/1376, 3-17=-3917/1397, 3-18=-4221/1491, 18-19=-4221/1491, 19-20=-4220/1491, 4-20=-4220/1491, 4-21=-5394/1993, 5-21=-5394/1993, 5-22=-5394/1993, 22-23=-5394/1993, 6-23=-5394/1993, 6-24=-4857/1874, 24-25=-4857/1874, 25-26=-4857/1874, 7-26=-4857/1874, 7-27=-4692/1771, 27-28=-4693/1772, 28-29=-4693/1772, 8-29=-4694/1772, 8-9=-5742/2102, 9-10=-1094/428

BOT CHORD 1-30=-1235/3683, 30-31=-1235/3683, 31-32=-1235/3683, 32-33=-1235/3683, 16-33=-1235/3683, 16-34=-1856/5077, 34-35=-1856/5077, 35-36=-1856/5077, 15-36=-1856/5077, 15-37=-1856/5077, 14-37=-1856/5077, 14-38=-2019/5448, 38-39=-2019/5448, 39-40=-2019/5448, 40-41=-2019/5448, 13-41=-2019/5448, 13-42=-1830/4932, 42-43=-1825/4946, 12-43=-1831/4958, 12-44=-300/743, 44-45=-277/704, 11-45=-263/658, 10-11=-422/1115

WEBS 2-16=-154/172, 3-16=-510/1573, 4-16=-1243/602, 4-14=-160/500, 6-14=-150/180, 6-13=-732/251, 7-13=-570/321, 7-12=-265/119, 8-12=-855/2242, 9-12=-1562/4348, 9-11=-2167/746

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); 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 847 lb uplift at joint 11 and 681 lb uplift at joint 1.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Continued on page 2

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NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 14 lb down and 46 lb up at 7-2-12, 53 lb down and 70 lb up at 9-2-12, 53 lb down and 70 lb up at 11-2-12, 53 lb down and 70 lb up at 13-2-12, 53 lb down and 70 lb up at 15-2-12, 53 lb down and 70 lb up at 17-2-12, 53 lb down and 70 lb up at 19-2-12, 53 lb down and 70 lb up at 21-2-12, 53 lb down and 70 lb up at 23-2-12, 53 lb down and 70 lb up at 25-2-12, 53 lb down and 70 lb up at 26-1-4, and 50 lb down and 63 lb up at 28-2-12, and 50 lb down and 56 lb up at 30-2-12 on top chord, and 132 lb down and 42 lb up at 3-2-12, 132 lb down and 42 lb up at 5-2-12, 122 lb down and 73 lb up at 7-2-12, 37 lb down and 13 lb up at 9-2-12, 37 lb down and 13 lb up at 11-2-12, 37 lb down and 13 lb up at 13-2-12, 37 lb down and 13 lb up at 15-2-12, 37 lb down and 13 lb up at 17-2-12, 37 lb down and 13 lb up at 19-2-12, 37 lb down and 13 lb up at 21-2-12, 37 lb down and 13 lb up at 23-2-12, 37 lb down and 13 lb up at 25-2-12, 37 lb down and 13 lb up at 26-1-12, 33 lb down and 20 lb up at 28-2-12, 45 lb down and 23 lb up at 30-2-12, 127 lb down and 95 lb up at 32-0-14, and 127 lb down and 95 lb up at 34-2-12, and 127 lb down and 95 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=-127(F) 17=46(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=-132 31=-132 32=-122(F) 33=-23(F) 34=-23(F) 35=-23(F) 36=-23(F) 37=-23(F) 38=-23(F) 39=-23(F) 40=-23(F) 41=-23(F) 42=-18(F) 43=-25(F) 44=-127(F) 45=-127(F)

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310003
J0216-0966	A02	HIP	1	1	Job Reference (optional)	

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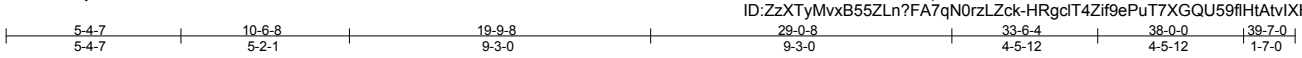

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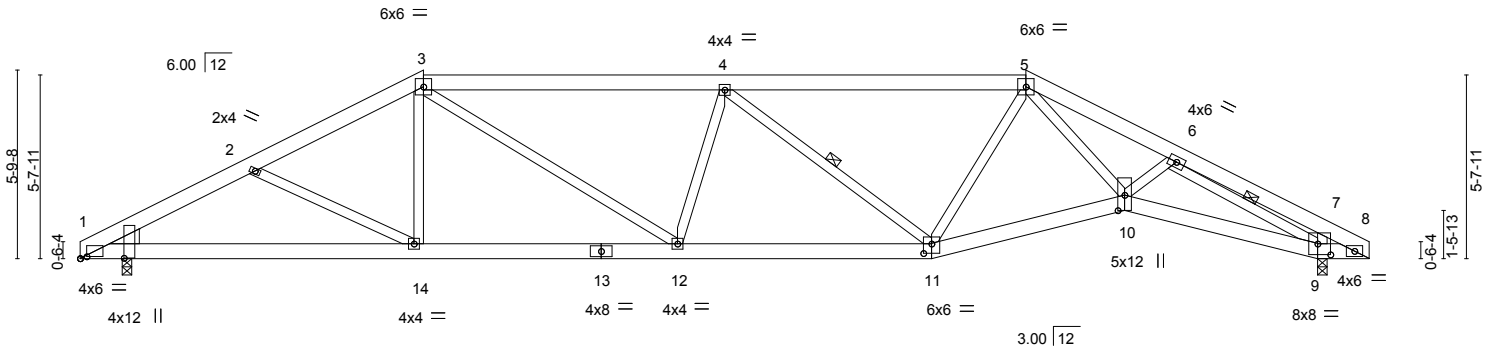


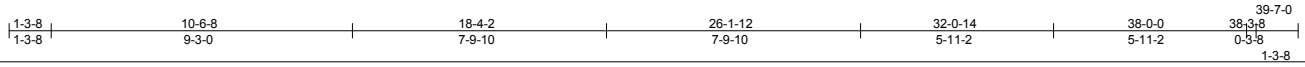


Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [9:0-4-12,0-4-0], [10:0-5-11,0-2-8], [11:0-3-0,0-3-8]

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)		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-

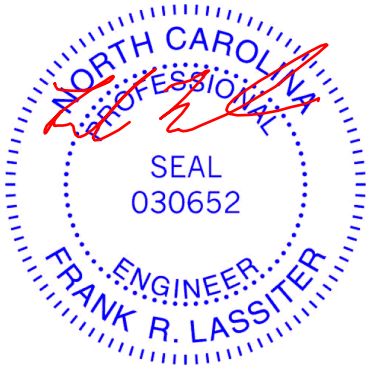
TOP CHORD Structural wood sheathing directly applied or 3-11-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-11, 6-9

REACTIONS. (lb/size) 9=1643/0-3-8, 1=1512/0-3-8
Max Horz 1=-67(LC 4)
Max Uplift 9=-87(LC 4), 1=-84(LC 5)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2845/642, 2-3=-2559/566, 3-4=-2782/677, 4-5=-2312/561, 5-6=-3522/749, 6-7=-759/196, 7-8=-634/122
BOT CHORD 1-14=-511/2482, 13-14=-356/2232, 12-13=-356/2232, 11-12=-535/2843, 10-11=-403/2374, 9-10=-551/2932, 8-9=-125/681
WEBS 2-14=-272/174, 3-14=0/440, 3-12=-159/764, 4-12=-296/176, 4-11=-756/211, 5-11=-11/146, 5-10=-216/1366, 6-10=-27/496, 6-9=-2768/538, 7-9=-593/188

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 9 and 84 lb uplift at joint 1.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310004
J0216-0966	A03	HIP	1	1	Job Reference (optional)	

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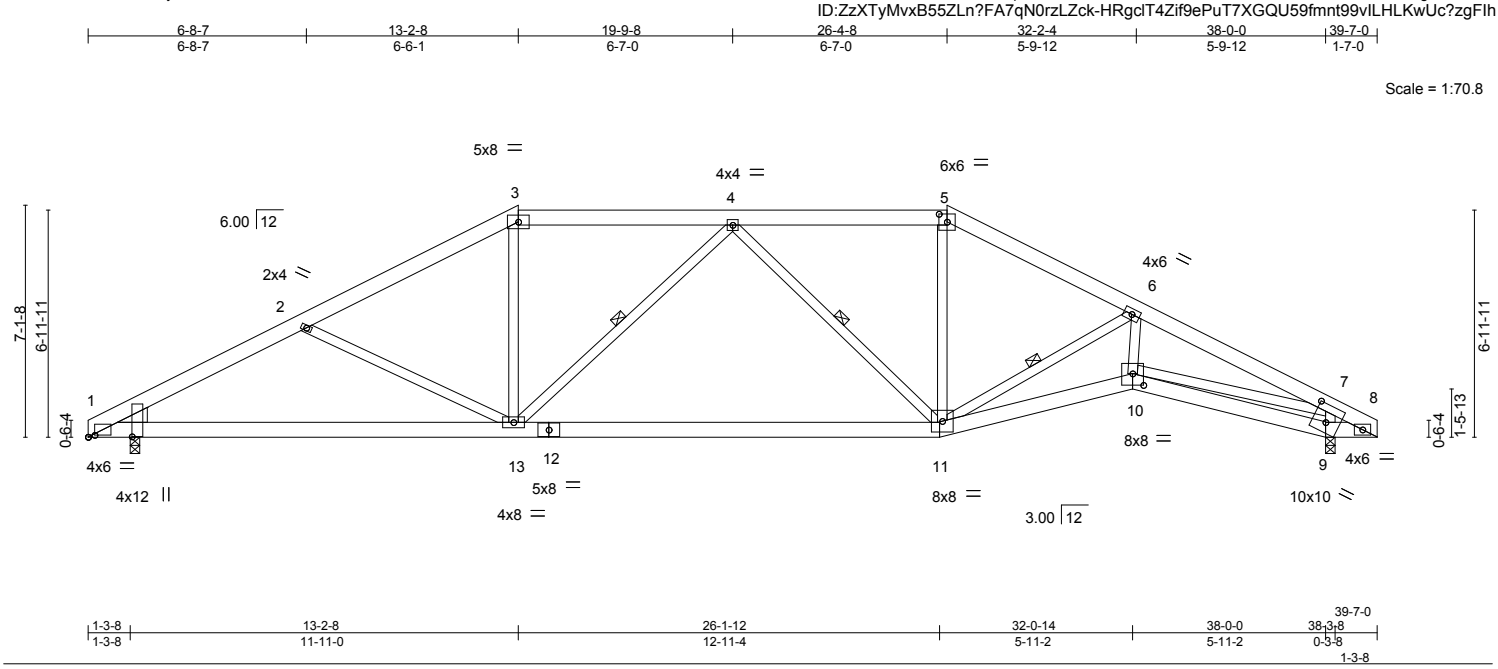


Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [5:0-3-0,0-2-15], [9:0-5-0,0-6-6], [10:0-4-0,0-4-4]

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)		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-

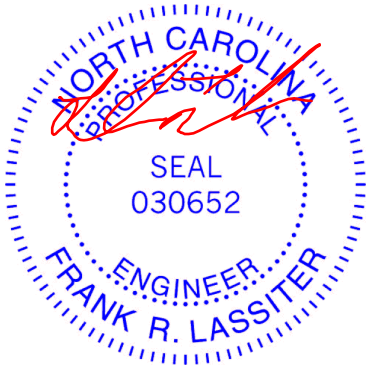
TOP CHORD Structural wood sheathing directly applied or 3-9-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-13, 4-11, 6-11

REACTIONS. (lb/size) 9=1643/0-3-8, 1=1512/0-3-8
Max Horz 1=84(LC 5)
Max Uplift 9=-94(LC 7), 1=-89(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2793/624, 2-3=-2373/508, 3-4=-2032/494, 4-5=-1903/493, 5-6=-2139/506, 6-7=-3661/718, 7-8=-680/146
BOT CHORD 1-13=-484/2436, 12-13=-361/2191, 11-12=-361/2191, 10-11=-576/3345, 9-10=-87/440, 8-9=-151/720
WEBS 2-13=-443/252, 3-13=-62/674, 4-13=-363/171, 4-11=-523/150, 5-11=-66/545, 6-11=-1597/349, 6-10=-148/1277, 7-10=-465/2761, 7-9=-1531/372

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 9 and 89 lb uplift at joint 1.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310005
J0216-0966	A04	Hip	1	1	Job Reference (optional)	

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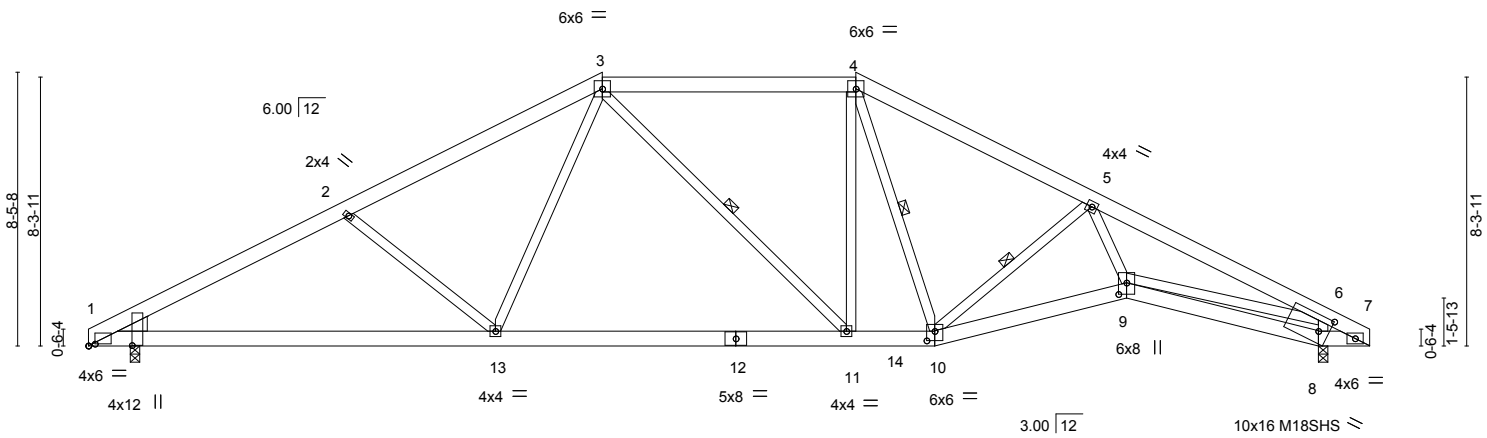
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-ldD?zp5BTzIV122J5zxjeMCu_HRRei_QZzg18RzgFIg

8-0-7 | 15-10-8 | 23-8-8 | 30-10-4 | 38-0-0 | 39-7-0

8-0-7 | 7-10-1 | 7-10-0 | 7-1-12 | 7-1-12 | 1-7-0

Scale = 1:71.2



1-3-8 | 12-6-14 | 23-8-8 | 26-1-12 | 32-0-14 | 38-0-0 | 38-3-8 | 39-7-0

1-3-8 | 11-3-6 | 11-1-10 | 2-5-4 | 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], [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)		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

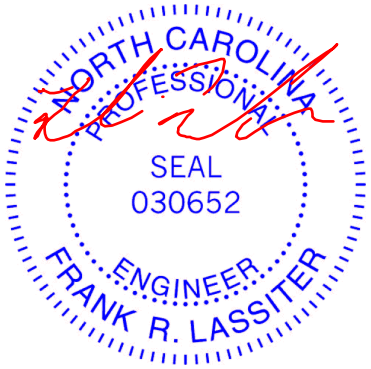
REACTIONS. (lb/size) 8=1910/0-3-8, 1=1773/0-3-8
Max Horz 1=-102(LC 4)
Max Uplift 8=-112(LC 7), 1=-106(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-3346/587, 2-3=-2972/521, 3-4=-2260/474, 4-5=-2624/508, 5-6=-4442/679, 6-7=-755/153
BOT CHORD 1-13=-439/2918, 12-13=-209/2236, 12-14=-209/2236, 11-14=-209/2236, 10-11=-189/2250, 9-10=-477/3465, 8-9=-97/465, 7-8=-161/791
WEBS 2-13=-467/274, 3-13=-50/853, 3-11=-125/229, 4-11=0/677, 5-10=-1438/323, 5-9=-120/1491, 6-9=-411/3440, 6-8=-1778/368, 4-10=-88/193

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) 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 112 lb uplift at joint 8 and 106 lb uplift at joint 1.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310006
J0216-0966	A05	Hip	1	1	Job Reference (optional)	

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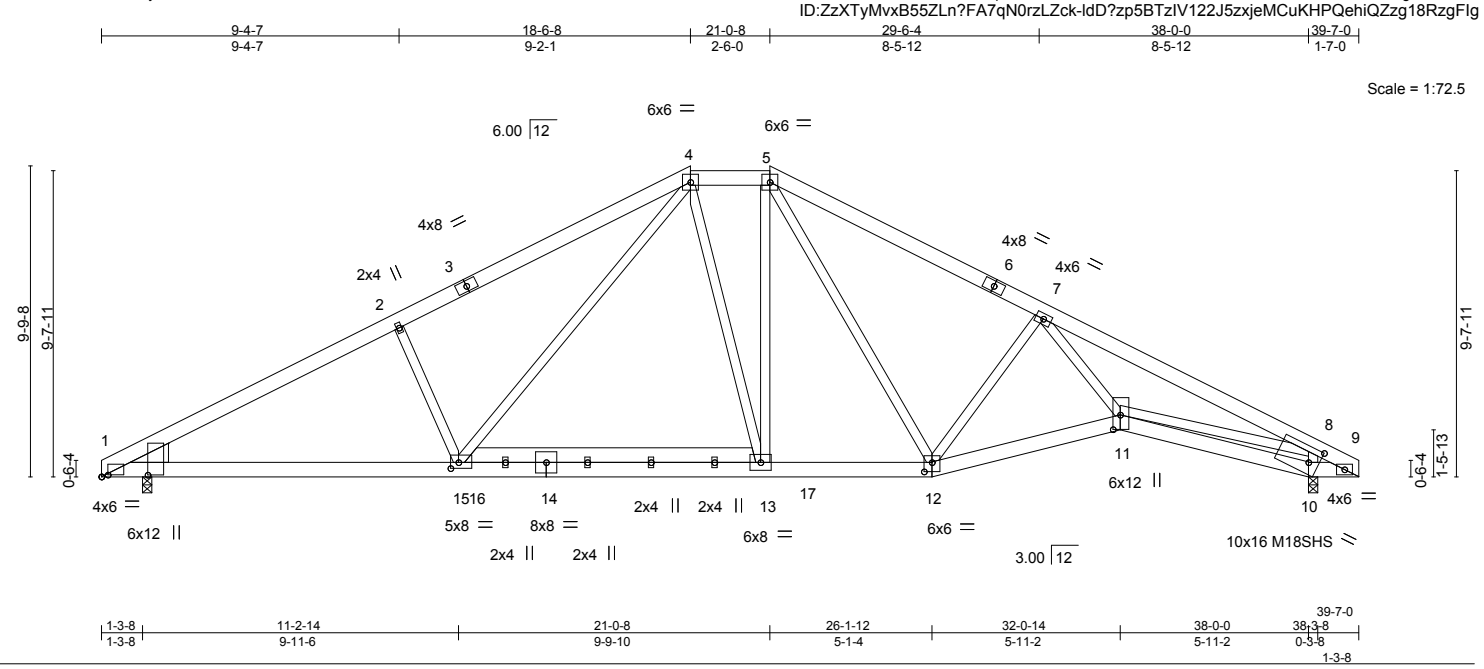

Plate Offsets (X,Y)-- [1:0-0-10,1-5-7], [1:0-2-6,0-0-11], [10:0-3-12,0-5-12], [11:0-5-8,0-2-12], [12:0-3-0,0-3-8], [15:0-3-0,0-2-4]

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)		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=-127(LC 7), 1=-120(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-3723/537, 2-3=-3535/563, 3-4=-3393/607, 4-5=-2306/452, 5-6=-2819/528, 6-7=-2940/487, 7-8=-4862/632, 8-9=-819/178
BOT CHORD 1-15=-380/3243, 15-16=-128/2256, 14-16=-128/2256, 14-17=-128/2256, 13-17=-128/2256, 12-13=-118/2298, 11-12=-396/3366, 10-11=-130/502, 9-10=-194/856
WEBS 2-15=-518/306, 4-15=-215/1282, 4-13=-56/426, 5-13=-39/682, 7-12=-1268/330, 7-11=-115/1720, 8-11=-324/3774, 8-10=-1930/376, 5-12=-147/511

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;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 127 lb uplift at joint 10 and 120 lb uplift at joint 1.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	
J0216-0966	A06	Roof Special	43	1	Job Reference (optional)	E9310007

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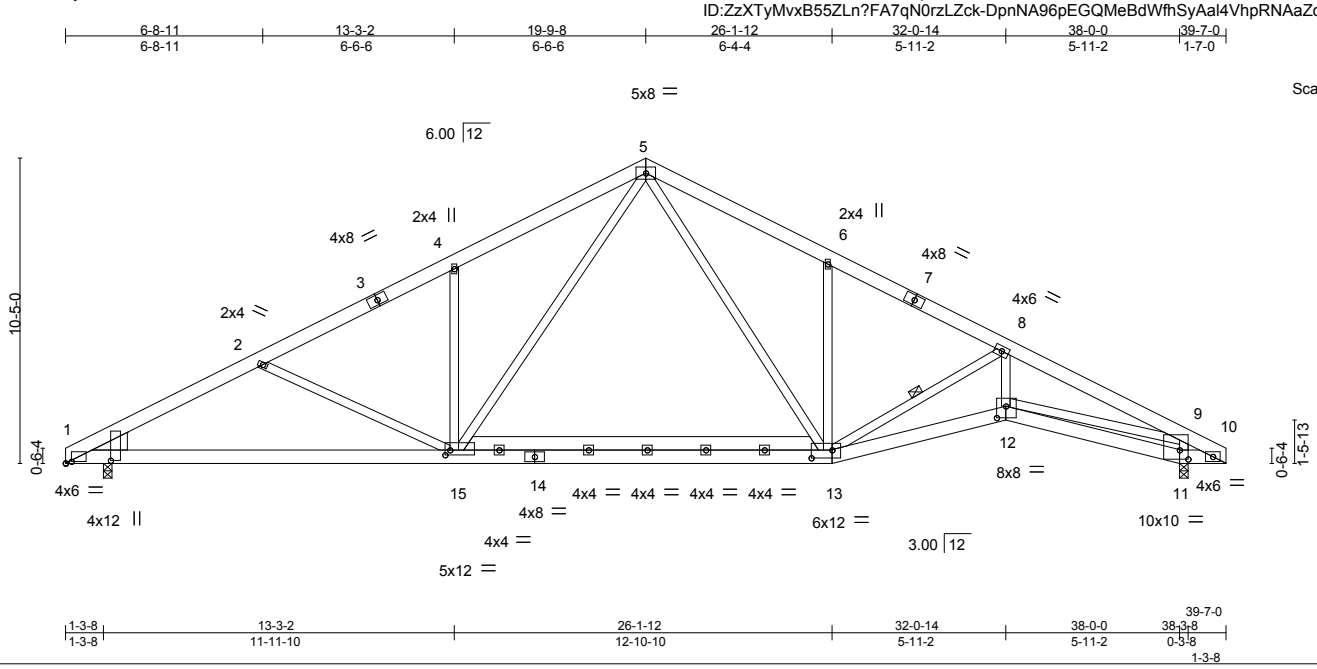


Plate Offsets (X,Y)-- [1:0-1-2,1-6-7], [1:0-2-6,0-0-11], [11:0-3-8,0-3-12], [12:0-3-12,0-4-12], [13:0-8-8,0-3-4], [15:0-2-0,0-2-0]

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)	-0.30	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(TL)	-0.53	13-15	>854	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.18	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.09	12-13	>999	240	Weight: 316 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: 2x8 SP No.1

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 8-13

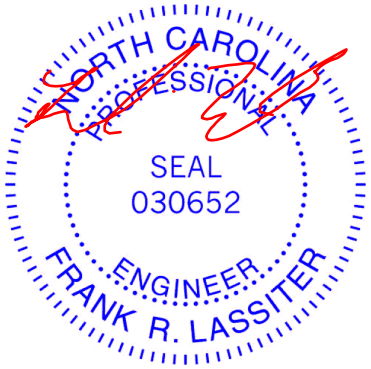
REACTIONS. (lb/size) 11=1909/0-3-8, 1=1759/0-3-8
Max Horz 1=128(LC 5)
Max Uplift 11=-133(LC 7), 1=-125(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-3447/588, 2-3=-3013/447, 3-4=-2901/466, 4-5=-3007/602, 5-6=-2812/607, 6-7=-2686/471, 7-8=-2753/453, 8-9=-4399/645, 9-10=-795/137
BOT CHORD 1-15=-452/3018, 14-15=-94/1808, 13-14=-94/1808, 12-13=-492/3907, 11-12=-83/509, 10-11=-143/836
WEBS 2-15=-446/251, 4-15=-411/231, 5-15=-226/1452, 5-13=-234/1175, 6-13=-443/220, 8-13=-1630/302, 8-12=-99/1325, 9-12=-403/3351, 9-11=-1782/348

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 11 and 125 lb uplift at joint 1.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	
J0216-0966	A08	Roof Special Supported Gable	5	1	Job Reference (optional)	E9310008

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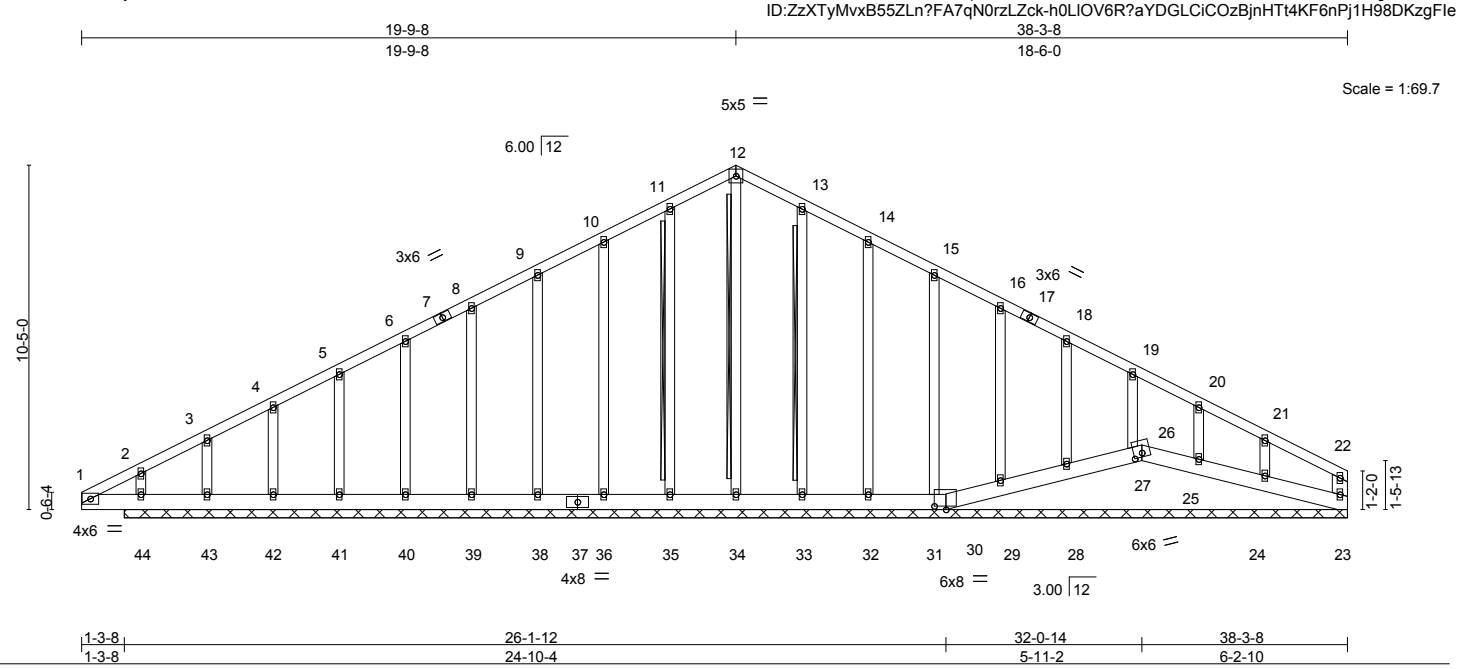


Plate Offsets (X,Y)-- [26:0-3-0,0-1-8], [30:0-4-4,0-1-4]

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)							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. (lb/size) 23=67/37-0-0, 30=-26/37-0-0, 26=4/37-0-0, 34=237/37-0-0, 35=247/37-0-0, 36=237/37-0-0, 38=246/37-0-0, 39=200/37-0-0, 40=156/37-0-0, 41=156/37-0-0, 42=179/37-0-0, 43=86/37-0-0, 44=278/37-0-0, 33=246/37-0-0, 32=242/37-0-0, 31=226/37-0-0, 29=160/37-0-0, 28=160/37-0-0, 27=155/37-0-0, 25=147/37-0-0, 24=203/37-0-0

Max Horz 44=138(LC 5)

Max Uplift 23=-7(LC 5), 30=-27(LC 11), 26=-5(LC 5), 35=-29(LC 6), 36=-40(LC 6), 38=-36(LC 6), 39=-37(LC 6), 40=-35(LC 6), 41=-43(LC 6), 42=-12(LC 6), 43=-129(LC 6), 44=-11(LC 7), 33=-28(LC 7), 32=-40(LC 7), 31=-40(LC 7), 29=-37(LC 7), 28=-35(LC 7), 27=-33(LC 7), 25=-14(LC 7), 24=-107(LC 7)

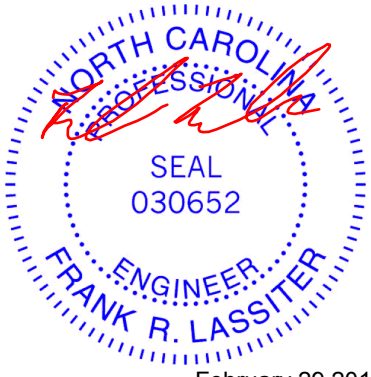
Max Grav 23=73(LC 11), 30=14(LC 2), 26=37(LC 7), 34=237(LC 1), 35=249(LC 10), 36=237(LC 10), 38=246(LC 1), 39=200(LC 10), 40=156(LC 1), 41=157(LC 10), 42=179(LC 1), 43=90(LC 10), 44=278(LC 1), 33=247(LC 11), 32=242(LC 11), 31=226(LC 1), 29=160(LC 11), 28=160(LC 11), 27=156(LC 11), 25=149(LC 11), 24=203(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-142/51, 2-3=-111/57, 3-4=-71/67, 4-5=-46/82, 5-6=-20/104, 6-7=0/122, 7-8=0/127, 8-9=-17/158, 9-10=-17/198, 10-11=-17/241, 11-12=-20/276, 12-13=-29/276, 13-14=-26/241, 14-15=-26/198, 15-16=-26/158, 16-17=0/118, 17-18=-26/112, 18-19=-26/85, 19-20=-26/62, 20-21=-49/46, 21-22=-95/44, 22-23=-60/13
BOT CHORD	1-44=-29/139, 43-44=-20/93, 42-43=-20/93, 41-42=-20/93, 40-41=-20/93, 39-40=-20/93, 38-39=-20/93, 37-38=-20/93, 36-37=-20/93, 35-36=-20/93, 34-35=-20/93, 33-34=-20/93, 32-33=-20/93, 31-32=-20/93, 30-31=-20/93, 29-30=-22/99, 28-29=-23/99, 27-28=-23/98, 26-27=-22/93, 25-26=-23/96, 24-25=-24/101, 23-24=-20/90
WEBS	12-34=-182/0, 11-35=-129/54, 10-36=-119/72, 9-38=-120/66, 8-39=-120/67, 6-40=-120/66, 5-41=-119/67, 4-42=-123/64, 3-43=-108/76, 2-44=-142/59, 13-33=-128/54, 14-32=-119/72, 15-31=-120/65, 16-29=-120/67, 18-28=-119/66, 19-27=-122/68, 20-25=-114/60, 21-24=-142/88

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.



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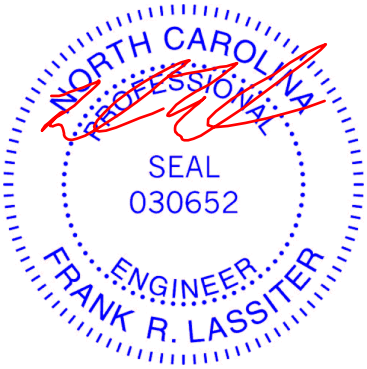
NOTES-

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 7 lb uplift at joint 23, 27 lb uplift at joint 30, 5 lb uplift at joint 26, 29 lb uplift at joint 35, 40 lb uplift at joint 36, 36 lb uplift at joint 38, 37 lb uplift at joint 39, 35 lb uplift at joint 40, 43 lb uplift at joint 41, 12 lb uplift at joint 42, 129 lb uplift at joint 43, 11 lb uplift at joint 44, 28 lb uplift at joint 33, 40 lb uplift at joint 32, 40 lb uplift at joint 31, 37 lb uplift at joint 29, 35 lb uplift at joint 28, 33 lb uplift at joint 27, 14 lb uplift at joint 25 and 107 lb uplift at joint 24.

9) Non Standard bearing condition. Review required.

10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



February 29,2016

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310009
J0216-0966	A09	Roof Special	5	1	Job Reference (optional)	

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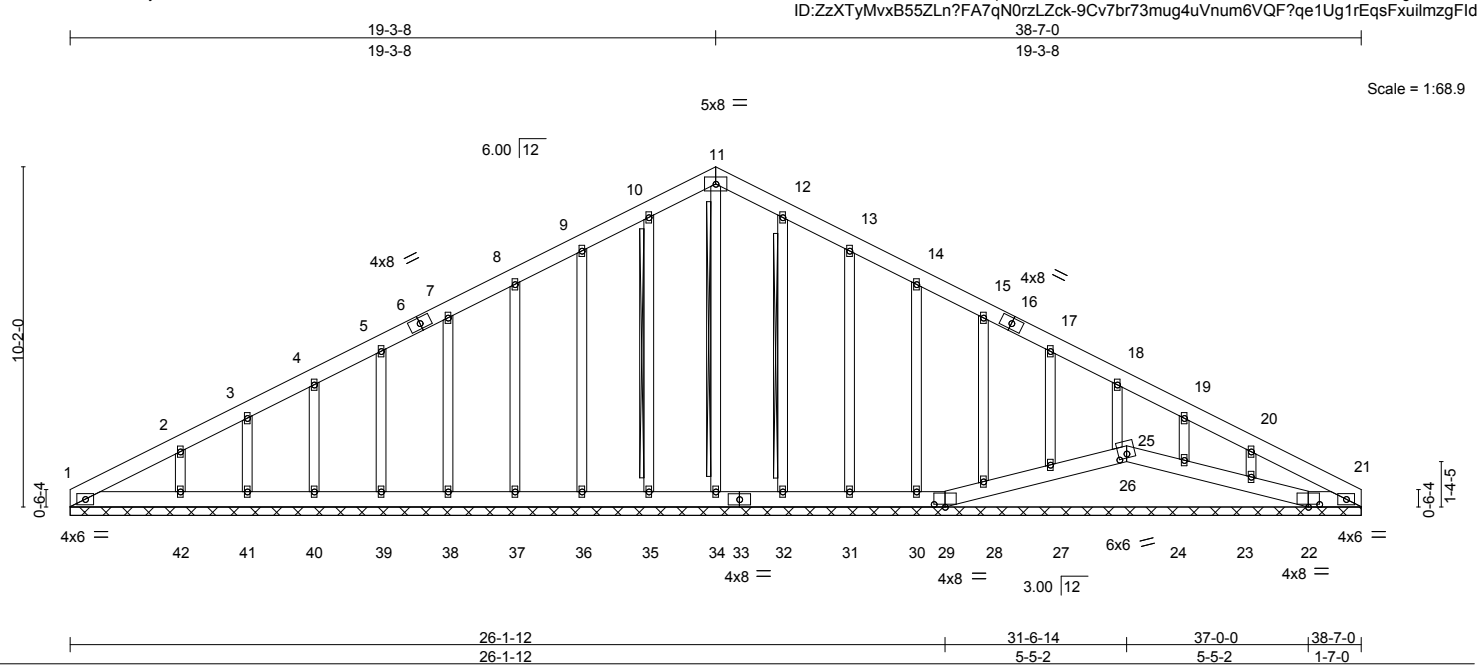

Plate Offsets (X,Y)-- [22:0-4-0,0-1-0], [25:0-3-0,0-1-8], [29:0-4-0,0-1-0]

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)							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. (lb/size) 1=118/38-7-0, 29=9/38-7-0, 25=13/38-7-0, 22=47/38-7-0, 21=98/38-7-0, 34=216/38-7-0, 35=242/38-7-0, 36=240/38-7-0, 37=245/38-7-0, 38=200/38-7-0, 39=153/38-7-0, 40=168/38-7-0, 41=123/38-7-0, 42=265/38-7-0, 32=241/38-7-0, 31=245/38-7-0, 30=220/38-7-0, 28=155/38-7-0, 27=161/38-7-0, 26=161/38-7-0, 24=139/38-7-0, 23=221/38-7-0

Max Horz 1=-124(LC 4)

Max Uplift 1=-1(LC 4), 29=-27(LC 7), 22=-25(LC 7), 35=-18(LC 6), 36=-43(LC 6), 37=-37(LC 6), 38=-36(LC 6), 39=-36(LC 6), 40=-37(LC 6), 41=-29(LC 6), 42=-61(LC 6), 32=-12(LC 7), 31=-44(LC 7), 30=-41(LC 7), 28=-38(LC 7), 27=-35(LC 7), 26=-37(LC 7), 24=-25(LC 7), 23=-67(LC 7)

Max Grav 1=118(LC 1), 29=18(LC 2), 25=62(LC 7), 22=69(LC 2), 21=98(LC 1), 34=216(LC 1), 35=242(LC 1), 36=241(LC 10), 37=245(LC 1), 38=200(LC 1), 39=153(LC 10), 40=168(LC 10), 41=123(LC 10), 42=265(LC 10), 32=241(LC 1), 31=246(LC 11), 30=220(LC 1), 28=155(LC 1), 27=161(LC 11), 26=161(LC 1), 24=139(LC 1), 23=221(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-171/45, 2-3=-113/59, 3-4=-85/70, 4-5=-59/86, 5-6=-48/103, 6-7=-27/108, 7-8=-48/131, 8-9=-48/157, 9-10=-49/200, 10-11=-49/229, 11-12=-49/229, 12-13=-49/200, 13-14=-48/157, 14-15=-48/116, 15-16=-17/76, 16-17=-48/70, 17-18=-49/39, 18-19=-47/19, 19-20=-66/8, 20-21=-124/34
BOT CHORD	1-42=0/128, 41-42=0/128, 40-41=0/128, 39-40=0/128, 38-39=0/128, 37-38=0/128, 36-37=0/128, 35-36=0/128, 34-35=0/128, 33-34=0/128, 32-33=0/128, 31-32=0/128, 30-31=0/128, 29-30=0/128, 28-29=0/134, 27-28=-3/134, 26-27=-3/134, 25-26=-1/129, 24-25=-3/133, 23-24=-3/134, 22-23=-1/134, 21-22=0/128
WEBS	11-34=-119/0, 10-35=-122/38, 9-36=-122/76, 8-37=-120/67, 7-38=-120/66, 5-39=-120/66, 4-40=-123/68, 3-41=-98/55, 2-42=-190/103, 12-32=-122/37, 13-31=-123/76, 14-30=-120/67, 15-28=-120/66, 17-27=-119/66, 18-26=-125/69, 19-24=-98/54, 20-23=-185/103

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.

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NOTES-

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1 lb uplift at joint 1, 27 lb uplift at joint 29, 25 lb uplift at joint 22, 18 lb uplift at joint 35, 43 lb uplift at joint 36, 37 lb uplift at joint 37, 36 lb uplift at joint 38, 36 lb uplift at joint 39, 37 lb uplift at joint 40, 29 lb uplift at joint 41, 61 lb uplift at joint 42, 12 lb uplift at joint 32, 44 lb uplift at joint 31, 41 lb uplift at joint 30, 38 lb uplift at joint 28, 35 lb uplift at joint 27, 37 lb uplift at joint 26, 25 lb uplift at joint 24 and 67 lb uplift at joint 23.

10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 25, 21, 28, 27, 26, 24, 23.

11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

12) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

February 29,2016

ENGINEERING BY
TRENCO
A MiTek Affiliate

818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310010
J0216-0966	A10	Roof Special	43	1	Job Reference (optional)	

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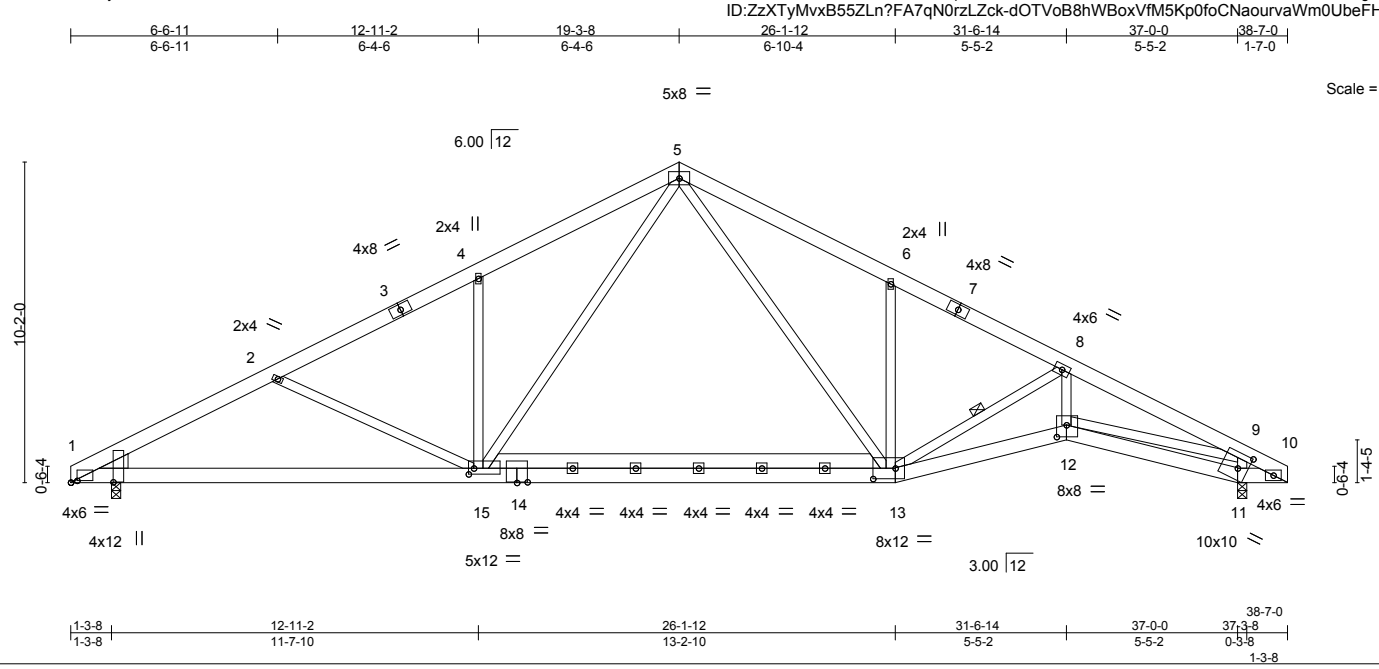

Plate Offsets (X,Y)-- [1:0-0-2,1-4-2], [1:0-2-6,0-0-11], [11:0-3-12,0-5-12], [12:0-3-12,0-4-8], [13:0-8-8,0-4-0], [14:0-4-0,0-0-4], [15:0-2-0,0-2-4]

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	1.00	Vert(LL)	-0.30	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.75	Vert(TL)	-0.52	13-15	>844	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(TL)	0.16	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.08	12-13	>999	240	Weight: 306 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: 2x6 SP No.1

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-6-6 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=1881/0-3-8, 1=1720/0-3-8
Max Horz 1=124(LC 5)
Max Uplift 11=-129(LC 7), 1=-122(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-3377/572, 2-3=-2955/435, 3-4=-2844/453, 4-5=-2947/584, 5-6=-2829/602, 6-7=-2675/460, 7-8=-2752/443, 8-9=-4201/610, 9-10=-732/125
BOT CHORD 1-15=-439/2955, 14-15=-93/1767, 13-14=-93/1767, 12-13=-465/3723, 11-12=-69/445, 10-11=-127/769
WEBS 2-15=-432/245, 4-15=-400/223, 5-15=-214/1438, 5-13=-233/1186, 6-13=-452/226, 8-13=-1423/264, 8-12=-89/1184, 9-12=-388/3232, 9-11=-1744/332

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 11 and 122 lb uplift at joint 1.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

February 29,2016

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310011
J0216-0966	A11	Roof Special	4	1	Job Reference (optional)	

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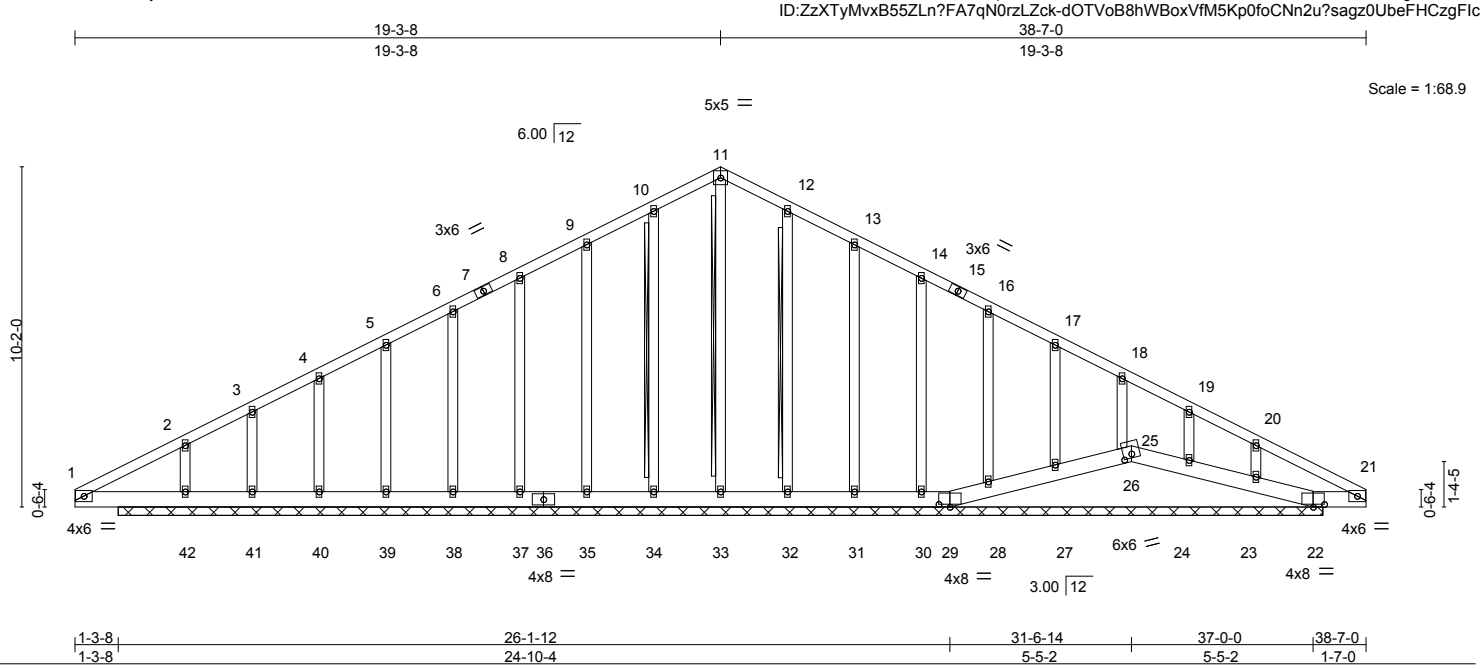


Plate Offsets (X,Y)-- [22:0-4-0,0-1-0], [25:0-3-0,0-1-8], [29:0-4-0,0-1-0]

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)	-0.00	22	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							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. (lb/size) 29=45/36-0-0, 25=-58/36-0-0, 22=124/36-0-0, 33=347/36-0-0, 34=254/36-0-0, 35=235/36-0-0, 37=245/36-0-0, 38=202/36-0-0, 39=145/36-0-0, 40=198/36-0-0, 41=16/36-0-0, 42=395/36-0-0, 32=253/36-0-0, 31=240/36-0-0, 30=222/36-0-0, 28=155/36-0-0, 27=160/36-0-0, 26=159/36-0-0, 24=140/36-0-0, 23=203/36-0-0

Max Horz 42=-126(LC 4)

Max Uplift 29=-25(LC 7), 25=-58(LC 1), 22=-23(LC 6), 34=-27(LC 6), 35=-41(LC 6), 37=-36(LC 6), 38=-35(LC 6), 39=-41(LC 6), 40=-19(LC 6), 41=-100(LC 6), 42=-20(LC 7), 32=-29(LC 7), 31=-40(LC 7), 30=-40(LC 7), 28=-39(LC 7), 27=-35(LC 7), 26=-34(LC 7), 24=-16(LC 7), 23=-116(LC 7)

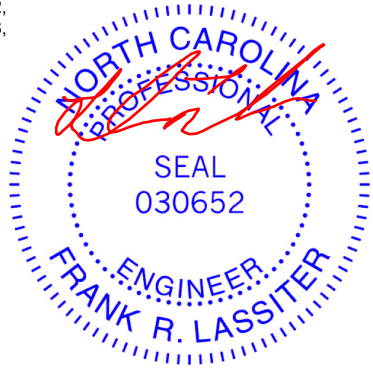
Max Grav 29=45(LC 1), 25=52(LC 7), 22=169(LC 11), 33=347(LC 1), 34=255(LC 10), 35=235(LC 10), 37=245(LC 1), 38=203(LC 10), 39=145(LC 1), 40=203(LC 10), 41=25(LC 4), 42=414(LC 10), 32=253(LC 1), 31=241(LC 11), 30=222(LC 1), 28=156(LC 11), 27=160(LC 1), 26=164(LC 11), 24=147(LC 11), 23=203(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-91/198, 2-3=-37/153, 3-4=-2/172, 4-5=0/168, 5-6=0/169, 6-7=0/156, 7-8=0/168, 8-9=0/202, 9-10=0/245, 10-11=0/280, 11-12=0/280, 12-13=0/245, 13-14=0/202, 14-15=0/168, 15-16=0/158, 16-17=0/169, 17-18=-2/168, 18-19=-28/171, 19-20=-57/160, 20-21=-117/194
BOT CHORD	1-42=-127/101, 41-42=-127/122, 40-41=-127/122, 39-40=-127/122, 38-39=-127/122, 37-38=-127/122, 36-37=-127/122, 35-36=-127/122, 34-35=-127/122, 33-34=-127/122, 32-33=-127/122, 31-32=-127/122, 30-31=-127/122, 29-30=-127/122, 28-29=-132/127, 27-28=-135/128, 26-27=-136/128, 25-26=-134/122, 24-25=-136/126, 23-24=-133/130, 22-23=-140/118, 21-22=-127/122
WEBS	11-33=-227/0, 10-34=-134/54, 9-35=-116/72, 8-37=-121/65, 6-38=-120/67, 5-39=-118/66, 4-40=-130/68, 3-41=-78/59, 2-42=-216/98, 12-32=-134/54, 13-31=-117/72, 14-30=-121/65, 16-28=-120/67, 17-27=-118/66, 18-26=-127/70, 19-24=-95/54, 20-23=-190/105

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members, with BCDL = 10.0psf.



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Continued on page 2

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NOTES-

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 29, 58 lb uplift at joint 25, 23 lb uplift at joint 22, 27 lb uplift at joint 34, 41 lb uplift at joint 35, 36 lb uplift at joint 37, 35 lb uplift at joint 38, 41 lb uplift at joint 39, 19 lb uplift at joint 40, 100 lb uplift at joint 41, 20 lb uplift at joint 42, 29 lb uplift at joint 32, 40 lb uplift at joint 31, 40 lb uplift at joint 30, 39 lb uplift at joint 28, 35 lb uplift at joint 27, 34 lb uplift at joint 26, 16 lb uplift at joint 24 and 116 lb uplift at joint 23.

9) Non Standard bearing condition. Review required.

10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

February 29,2016

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	A12	Roof Special Supported Gable	4	1	E9310012

Job Reference (optional)

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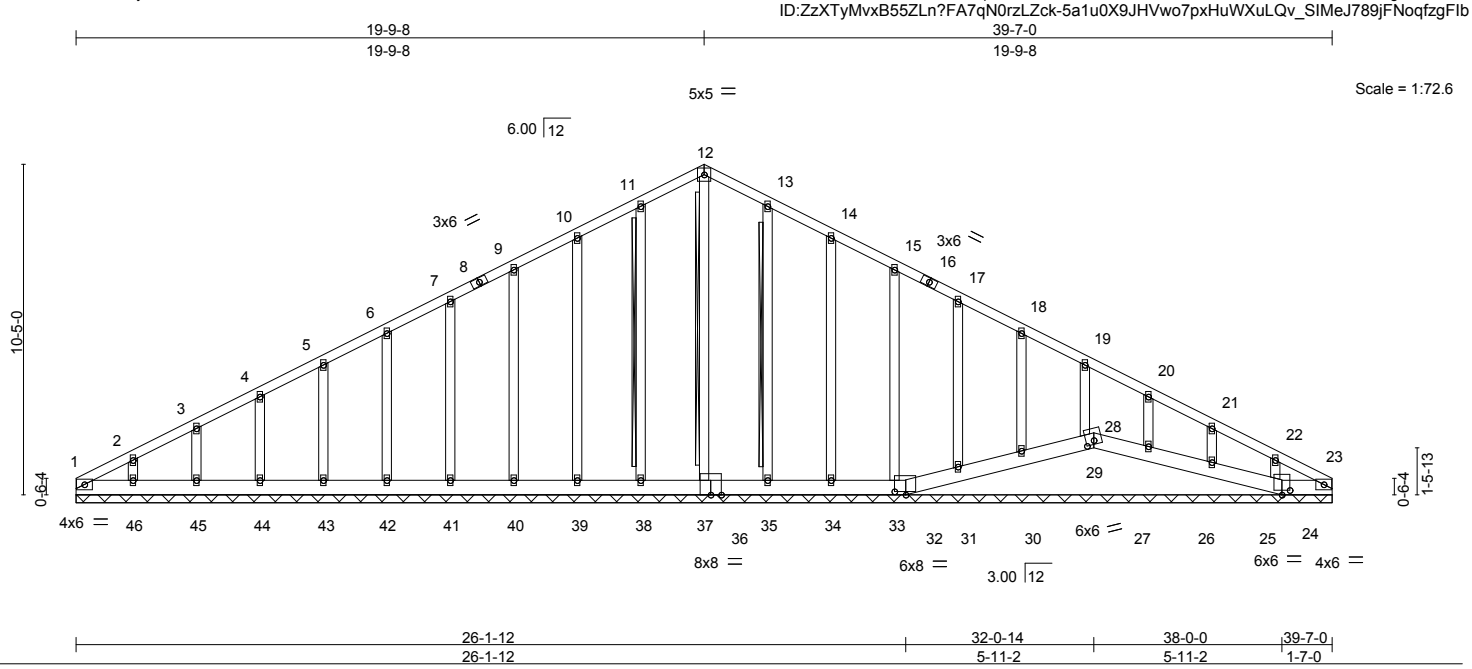

Plate Offsets (X,Y)-- [24:0-3-0,0-1-12], [28:0-3-0,0-1-8], [32:0-4-4,0-1-4]

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)							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. (lb/size) 1=64/39-7-0, 32=-31/39-7-0, 28=11/39-7-0, 24=16/39-7-0, 23=63/39-7-0, 37=208/39-7-0, 38=246/39-7-0, 39=238/39-7-0, 40=245/39-7-0, 41=200/39-7-0, 42=155/39-7-0, 43=161/39-7-0, 44=160/39-7-0, 45=158/39-7-0, 46=169/39-7-0, 35=244/39-7-0, 34=242/39-7-0, 33=225/39-7-0, 31=160/39-7-0, 30=161/39-7-0, 29=156/39-7-0, 27=160/39-7-0, 26=161/39-7-0, 25=147/39-7-0
Max Horz 1=-129(LC 4)
Max Uplift 1=-2(LC 4), 32=-33(LC 7), 24=-44(LC 7), 38=-31(LC 6), 39=-39(LC 6), 40=-36(LC 6), 41=-36(LC 6), 42=-36(LC 6), 43=-36(LC 6), 44=-37(LC 6), 45=-36(LC 6), 46=-52(LC 6), 35=-30(LC 7), 34=-40(LC 7), 33=-41(LC 7), 31=-37(LC 7), 30=-36(LC 7), 29=-34(LC 7), 27=-35(LC 7), 26=-36(LC 7), 25=-43(LC 7)
Max Grav 1=89(LC 6), 32=11(LC 2), 28=71(LC 7), 24=18(LC 11), 23=70(LC 7), 37=208(LC 1), 38=248(LC 10), 39=238(LC 10), 40=245(LC 1), 41=200(LC 10), 42=155(LC 1), 43=161(LC 10), 44=160(LC 1), 45=158(LC 10), 46=169(LC 10), 35=246(LC 11), 34=242(LC 11), 33=225(LC 11), 31=160(LC 11), 30=161(LC 1), 29=156(LC 1), 27=160(LC 1), 26=161(LC 11), 25=147(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-197/27, 2-3=-154/38, 3-4=-118/50, 4-5=-83/61, 5-6=-57/74, 6-7=-43/97, 7-8=-43/114, 8-9=-17/120, 9-10=-43/147, 10-11=-43/190, 11-12=-46/226, 12-13=-46/226, 13-14=-43/190, 14-15=-43/147, 15-16=-17/107, 16-17=-43/101, 17-18=-43/67, 18-19=-44/37, 19-20=-45/21, 20-21=-81/16, 21-22=-117/16, 22-23=-159/19
BOT CHORD 1-46=0/149, 45-46=0/149, 44-45=0/149, 43-44=0/149, 42-43=0/149, 41-42=0/149, 40-41=0/149, 39-40=0/149, 38-39=0/149, 37-38=0/149, 36-37=0/149, 35-36=0/149, 34-35=0/149, 33-34=0/149, 32-33=0/149, 31-32=-2/156, 30-31=-4/156, 29-30=-5/156, 28-29=-3/151, 27-28=-5/155, 26-27=-5/156, 25-26=-4/156, 24-25=0/157, 23-24=0/149
WEBS 12-37=-140/0, 11-38=-127/57, 10-39=-119/71, 9-40=-120/66, 7-41=-120/67, 6-42=-120/66, 5-43=-120/67, 4-44=-120/67, 3-45=-120/66, 2-46=-121/77, 13-35=-127/57, 14-34=-120/71, 15-33=-120/66, 17-31=-120/67, 18-30=-120/66, 19-29=-120/67, 20-27=-120/66, 21-26=-120/66, 22-25=-121/77

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.

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NOTES-

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 2 lb uplift at joint 1, 33 lb uplift at joint 32, 44 lb uplift at joint 24, 31 lb uplift at joint 38, 39 lb uplift at joint 39, 36 lb uplift at joint 40, 36 lb uplift at joint 41, 36 lb uplift at joint 42, 36 lb uplift at joint 43, 37 lb uplift at joint 44, 36 lb uplift at joint 45, 52 lb uplift at joint 46, 30 lb uplift at joint 35, 40 lb uplift at joint 34, 41 lb uplift at joint 33, 37 lb uplift at joint 31, 36 lb uplift at joint 30, 34 lb uplift at joint 29, 35 lb uplift at joint 27, 36 lb uplift at joint 26 and 43 lb uplift at joint 25.

10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 28, 23, 31, 30, 29, 27, 26, 25.

11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

12) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

February 29,2016

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310013
J0216-0966	A14	HIP	1	1	Job Reference (optional)	

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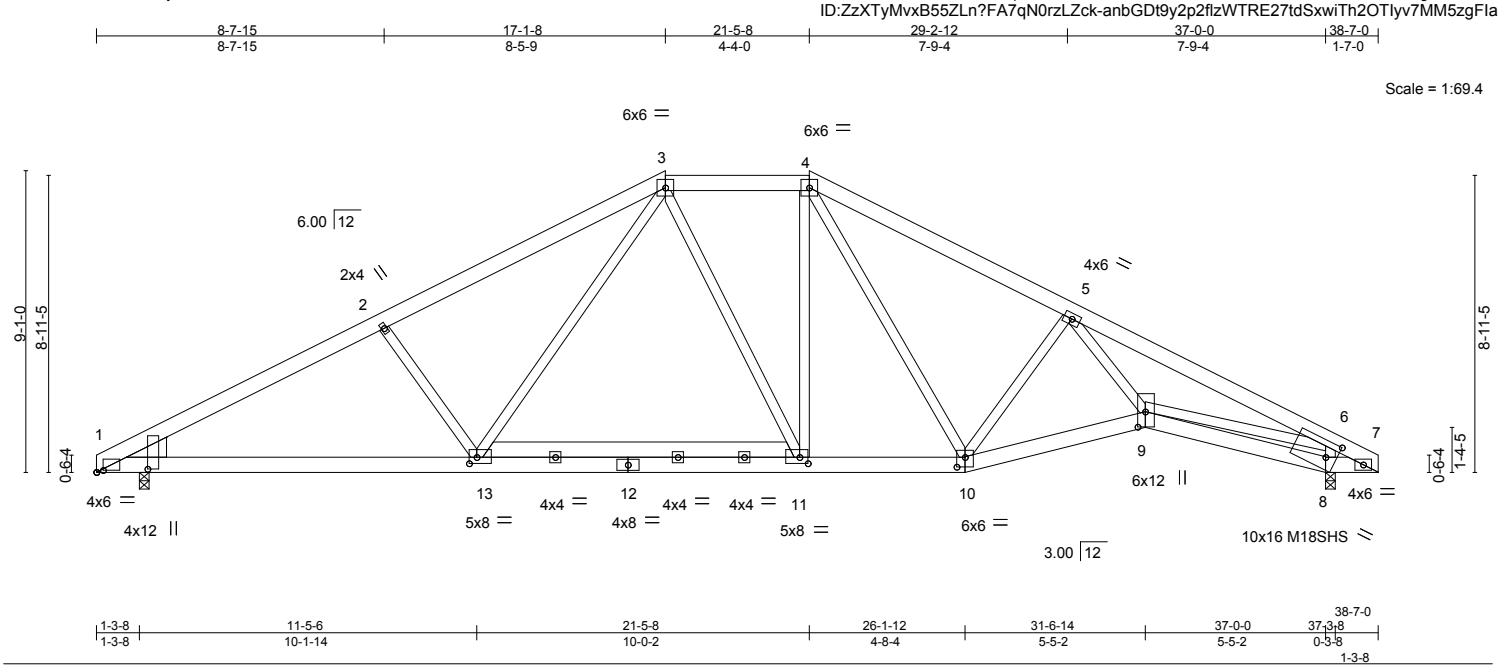


Plate Offsets (X,Y)-- [1:0-1-2,1-6-7], [1:0-2-6,0-0-11], [8:0-3-12,0-5-12], [9:0-5-8,0-2-12], [10:0-3-0,0-3-8], [11:0-3-0,0-2-4], [13:0-2-12,0-2-4]

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)		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-

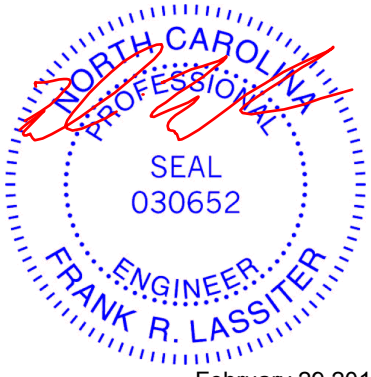
TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=2047/0-3-8, 1=1900/0-3-8
Max Horz 1=-110(LC 4)
Max Uplift 8=-119(LC 7), 1=-112(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3741/558, 2-3=-3448/552, 3-4=-2409/453, 4-5=-2938/518, 5-6=-4684/614, 6-7=-738/155
BOT CHORD 1-13=-408/3269, 12-13=-158/2337, 11-12=-158/2337, 10-11=-146/2398, 9-10=-392/3306, 8-9=-103/413, 7-8=-165/765
WEBS 2-13=-484/286, 3-13=-137/1158, 3-11=-55/363, 4-11=-18/737, 5-10=-1169/304, 5-9=-108/1574, 6-9=-340/3701, 6-8=-1885/356, 4-10=-119/363

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;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 119 lb uplift at joint 8 and 112 lb uplift at joint 1.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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TRENCO
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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310014
J0216-0966	A15	HIP	1	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:50 2016 Page 1

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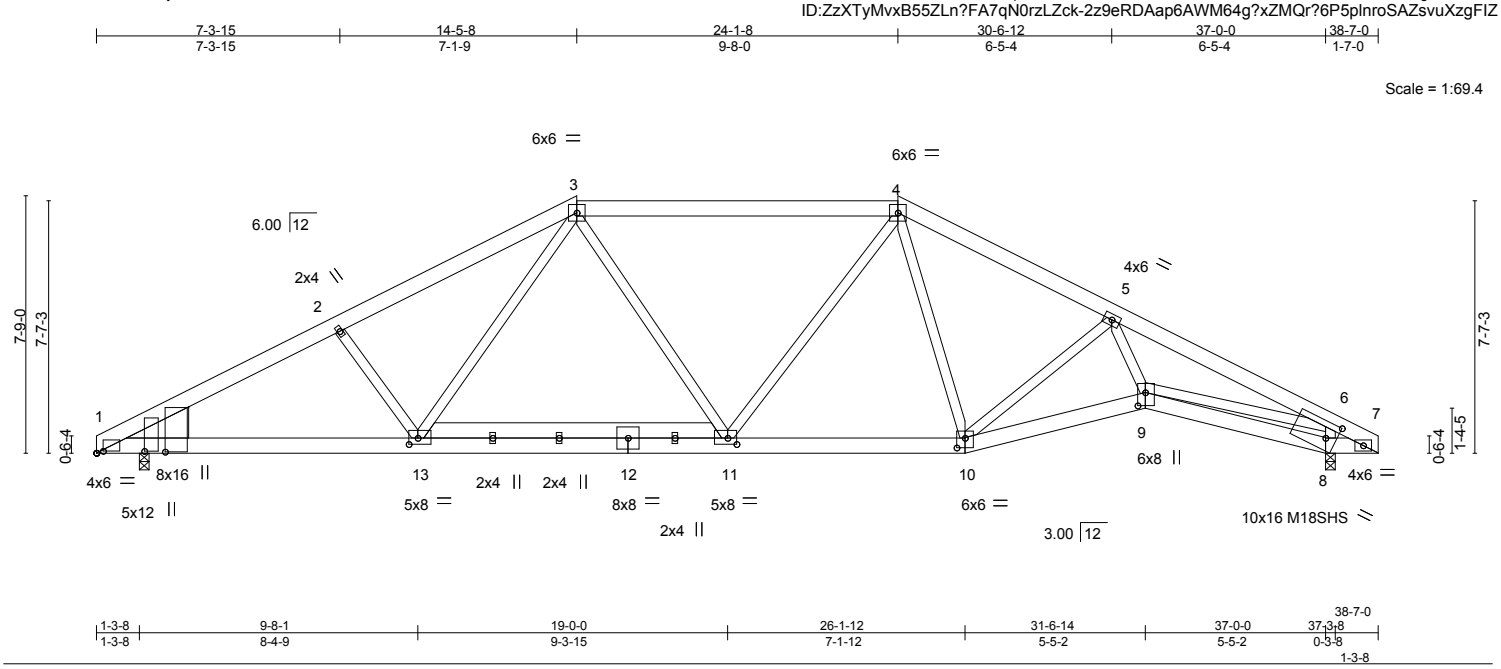


Plate Offsets (X,Y)-- [1:0-0-6,2-0-13], [1:0-0-10,1-5-5], [1:0-2-6,0-0-11], [8:0-3-12,0-5-12], [9:0-4-12,0-2-12], [10:0-3-0,0-3-8], [11:0-3-4,0-2-4], [13:0-3-4,0-2-4]

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)		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

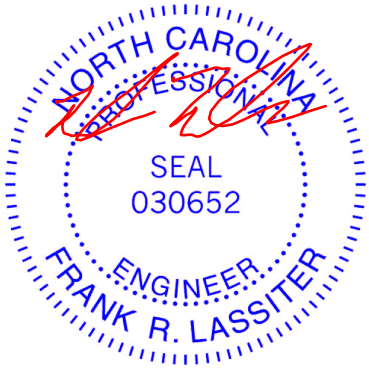
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1993/0-3-8, 1=1927/0-3-8
Max Horz 1=-92(LC 4)
Max Uplift 8=-130(LC 7), 1=-141(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3752/740, 2-3=-3533/750, 3-4=-2720/596, 4-5=-2816/592, 5-6=-4535/781, 6-7=-745/163
BOT CHORD 1-13=-580/3276, 12-13=-362/2572, 11-12=-362/2572, 10-11=-313/2412, 9-10=-560/3546, 8-9=-98/435, 7-8=-169/779
WEBS 2-13=-341/216, 3-13=-174/933, 3-11=-7/413, 4-11=-45/645, 4-10=-29/285, 5-10=-1294/303, 5-9=-155/1447, 6-9=-504/3544, 6-8=-1849/403

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) 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 130 lb uplift at joint 8 and 141 lb uplift at joint 1.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310015
J0216-0966	A16	HIP	1	1	Job Reference (optional)	

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ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-2z9eRDAap6AWM64g?xZMQr?5a5qGntuSAZsvuXzgFIZ

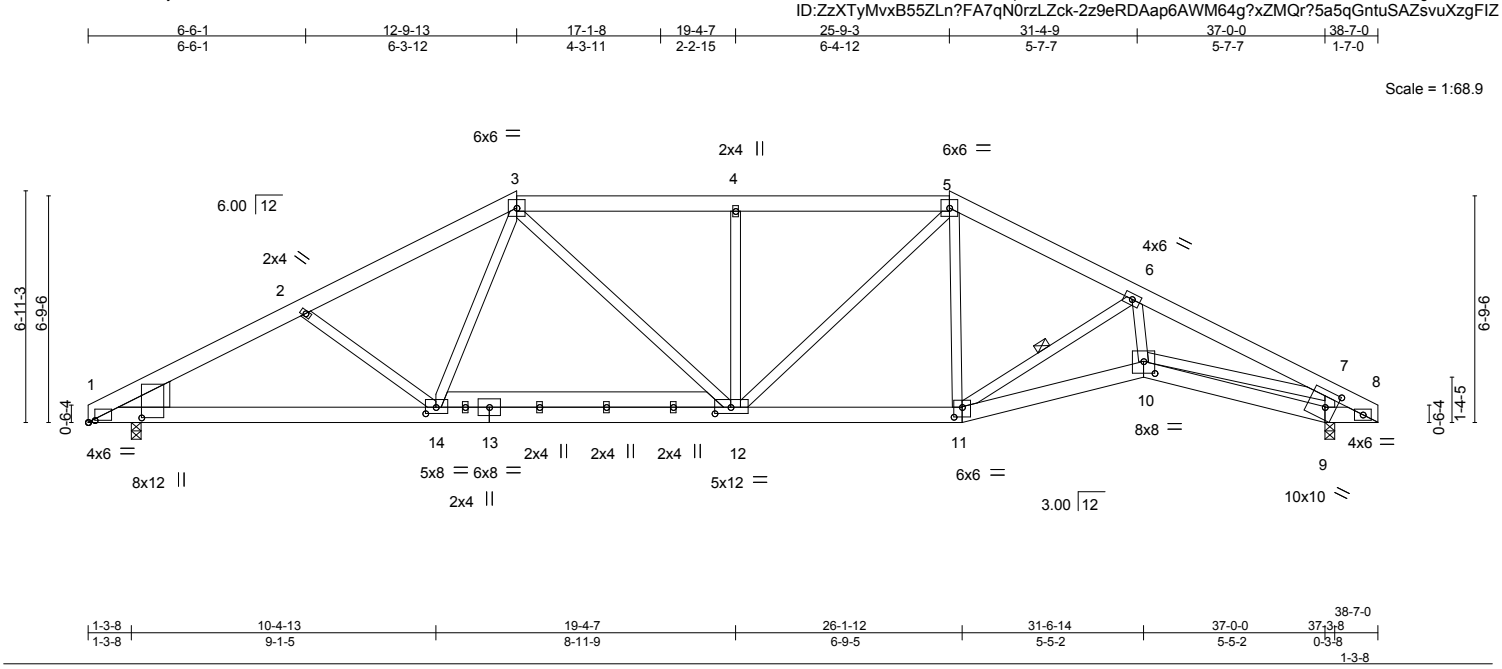


Plate Offsets (X,Y)-- [1:0-1-10,1-7-2], [1:0-2-6,0-0-11], [9:0-3-12,0-5-12], [10:0-4-0,0-4-4], [11:0-3-0,0-3-8], [12:0-5-12,0-2-4], [14:0-3-12,0-2-4]

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)		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 9-11-5 oc bracing.
WEBS 1 Row at midpt 6-11

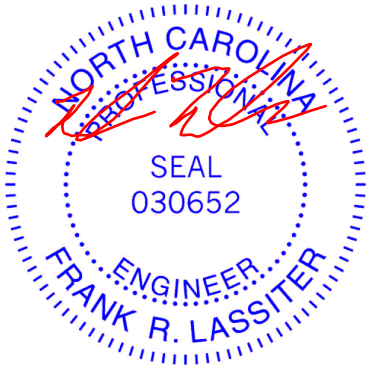
REACTIONS. (lb/size) 9=1819/0-3-8, 1=1794/0-3-8
Max Horz 1=-82(LC 4)
Max Uplift 9=-119(LC 7), 1=-128(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3476/760, 2-3=-3182/705, 3-4=-2826/704, 4-5=-2825/704, 5-6=-2490/592, 6-7=-4058/806, 7-8=-692/155
BOT CHORD 1-14=-606/3036, 13-14=-407/2509, 12-13=-407/2509, 11-12=-338/2198, 10-11=-630/3504, 9-10=-87/416, 8-9=-158/728
WEBS 2-14=-334/210, 3-14=-94/759, 3-12=-110/572, 4-12=-465/207, 5-12=-191/988, 5-11=-17/191, 6-11=-1451/326, 6-10=-157/1302, 7-10=-543/3138, 7-9=-1691/401

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 9 and 128 lb uplift at joint 1.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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



February 29,2016

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310016
J0216-0966	A17	HIP	1	1	Job Reference (optional)	

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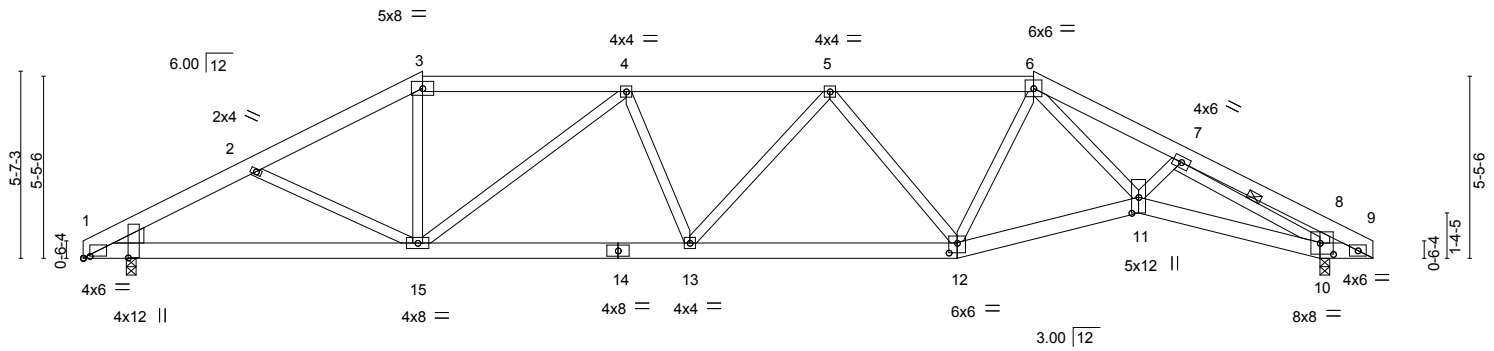
ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-W9i0eYBCaQIN_GfsZf4by2XISVEOWIQbPDcTQzzgFIY

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

Scale = 1:68.9



1-3-8	10-1-13	18-1-13	26-1-12	31-6-14	37-0-0	37-3-8	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)		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

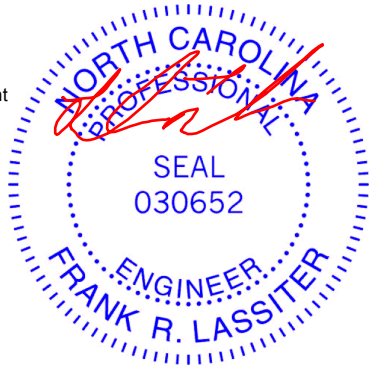
REACTIONS. (lb/size) 10=1604/0-3-8, 1=1471/0-3-8
Max Horz 1=-65(LC 4)
Max Uplift 10=-87(LC 4), 1=-84(LC 5)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-2771/626, 2-3=-2492/549, 3-4=-2160/523, 4-5=-2710/647, 5-6=-2224/545, 6-7=-3326/719, 7-8=-723/187, 8-9=-604/117
BOT CHORD	1-15=-499/2418, 14-15=-490/2696, 13-14=-490/2696, 12-13=-486/2614, 11-12=-375/2230, 10-11=-526/2801, 9-10=-118/647
WEBS	2-15=-269/173, 3-15=-99/750, 4-15=-780/192, 4-13=-1/160, 5-13=0/218, 5-12=-700/202, 6-12=-33/257, 6-11=-214/1258, 7-11=-19/462, 7-10=-2660/516, 8-10=-569/178

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 10 and 84 lb uplift at joint 1.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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818 Soundside Road
Edenton, NC 27932

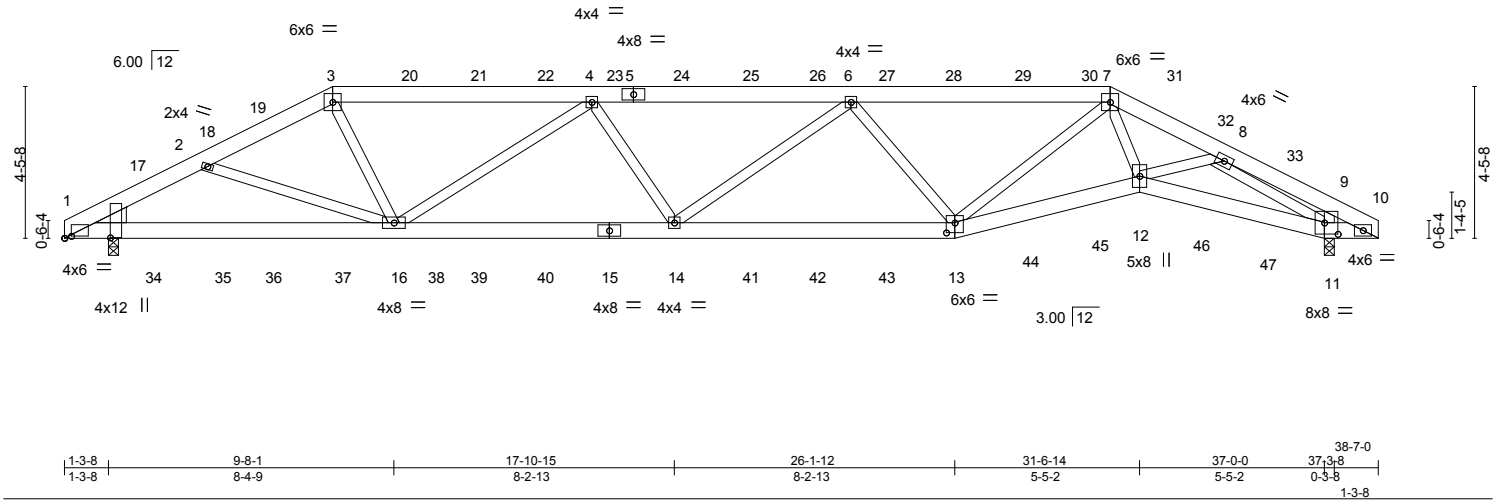
Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310017
J0216-0966	A18	Hip Girder	1	2	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:52 2016 Page 1

ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-_MGOsuCqLkQDcQE27MbqVG4URvdCFtMletL0zQzgFIX

4-2-7	7-10-8	15-5-13	23-1-3	30-8-8	33-10-4	37-0-0	38-7-0
4-2-7	3-8-1	7-7-5	7-7-5	7-7-5	3-1-12	3-1-12	1-7-0

Scale = 1:67.7



1-3-8	9-8-1	17-10-15	26-1-12	31-6-14	37-0-0	37-3-8	38-7-0
1-3-8	8-4-9	8-2-13	8-2-13	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], [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	0.75	Vert(LL)	-0.12	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.42	Vert(TL)	-0.31	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.39	Horz(TL)	0.12	11	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.15	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=2158/0-3-8, 1=2132/0-3-8
Max Horz 1=51(LC 12)
Max Uplift 11=-647(LC 3), 1=-641(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-17=-3978/1339, 2-17=-3892/1324, 2-18=-3729/1298, 18-19=-3712/1289, 3-19=-3647/1304, 3-20=-3878/1355, 20-21=-3878/1355, 21-22=-3878/1355, 4-22=-3877/1355, 4-23=-4913/1779, 5-23=-4913/1779, 5-24=-4913/1779, 24-25=-4913/1779, 25-26=-4913/1779, 6-26=-4913/1779, 6-27=-4006/1448, 27-28=-4006/1448, 28-29=-4007/1448, 29-30=-4007/1448, 7-30=-4007/1448, 7-31=-4757/1636, 31-32=-4784/1621, 8-32=-4809/1628, 8-33=-721/283, 9-33=-778/289, 9-10=-629/228

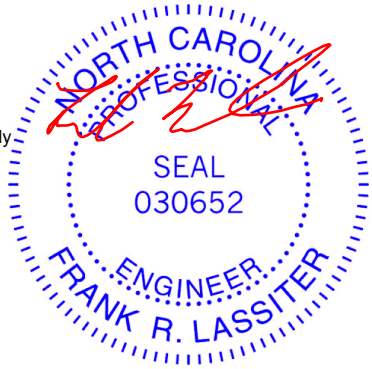
BOT CHORD 1-34=-1196/3475, 34-35=-1196/3475, 35-36=-1196/3475, 36-37=-1196/3475, 16-37=-1196/3475, 16-38=-1775/4890, 38-39=-1775/4890, 39-40=-1775/4890, 15-40=-1775/4890, 14-15=-1775/4890, 14-41=-1708/4673, 41-42=-1708/4673, 42-43=-1708/4673, 13-43=-1708/4673, 13-44=-1332/3924, 44-45=-1328/3938, 12-45=-1334/3949, 12-46=-1080/3298, 46-47=-1085/3280, 11-47=-1088/3263, 10-11=-242/682

WEBS 2-16=-170/166, 3-16=-371/1298, 4-16=-1271/591, 4-14=0/254, 6-14=-37/399, 6-13=-1113/520, 7-13=-133/299, 7-12=-445/1550, 8-12=-401/1184, 8-11=-3363/1106, 9-11=-683/253

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 647 lb uplift at joint 11 and 641 lb uplift at joint 1.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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) 99 lb down and 56 lb up at 2-7-7, 53 lb down and 33 lb up at 4-7-7, 19 lb down and 21 lb up at 6-1-7, 53 lb down and 70 lb up at 7-10-8, 53 lb down and 70 lb up at 10-1-7, 53 lb down and 70 lb up at 12-1-7, 53 lb down and 70 lb up at 14-1-7, 53 lb down and 70 lb up at 16-1-7, 53 lb down and 70 lb up at 18-1-7, 53 lb down and 70 lb up at 20-1-7, 53 lb down and 70 lb up at 22-1-7, 53 lb down and 70 lb up at 24-1-7, 53 lb down and 70 lb up at 26-1-0, 50 lb down and 63 lb up at 28-1-0, 51 lb down and 56 lb up at 30-1-0, 11 lb down and 29 lb up at 32-1-0, and 61 lb down and 31 lb up at 33-7-0, and 61 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 20 lb up at 4-7-7, 97 lb down and 46 lb up at 6-1-7, 37 lb down and 13 lb up at 8-1-7, 37 lb down and 13 lb up at 10-1-7, 37 lb down and 13 lb up at 12-1-7, 37 lb down and 13 lb up at 14-1-7, 37 lb down and 13 lb up at 16-1-7, 37 lb down and 13 lb up at 18-1-7, 37 lb down and 13 lb up at 20-1-7, 37 lb down and 13 lb up at 22-1-7, 37 lb down and 13 lb up at 24-1-7, 37 lb down and 13 lb up at 26-1-12, 33 lb down and 19 lb up at 28-1-0, 44 lb down and 23 lb up at 30-1-0, and 45 lb down and 18 lb up at 33-7-0, and 27 lb down and 3 lb up 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=-59(B) 18=-13(B) 19=21(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) 31=29(B) 32=-21(B) 33=-21(B) 34=-33(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=-45(B) 47=-12(B)

February 29,2016

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	B01	GABLE	10	1	E9310018

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:53 2016 Page 1

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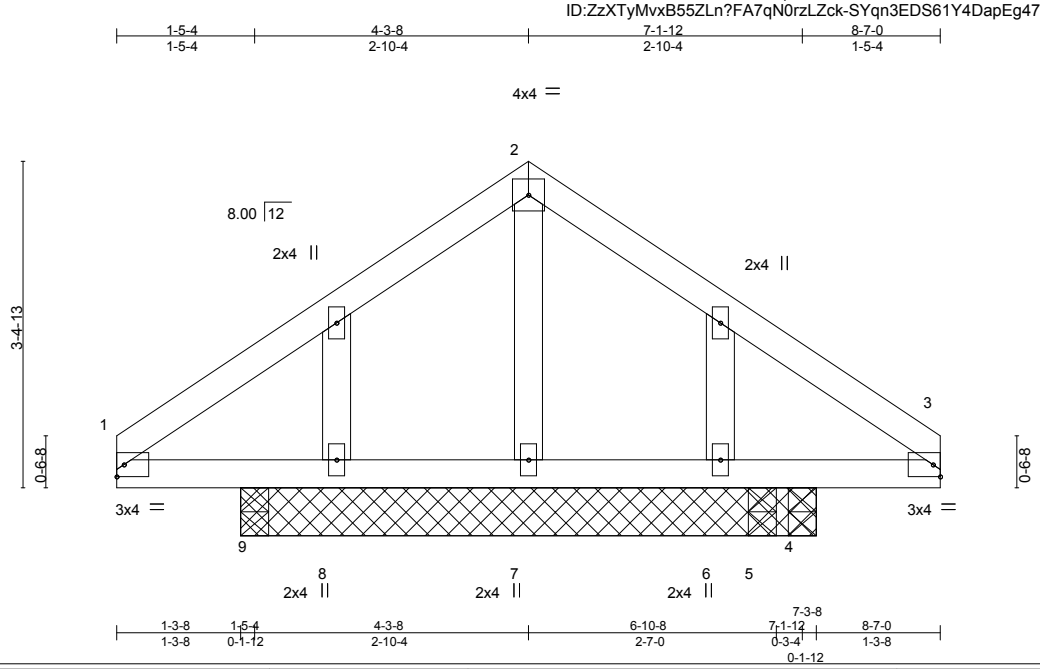


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	0.00	9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.00	8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	-0.00	9	>999	240	Weight: 37 lb	FT = 20%

LUMBER-

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

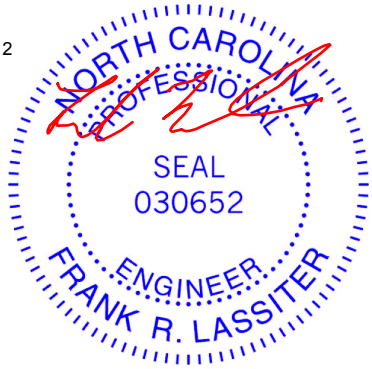
REACTIONS. (lb/size) 7=538/6-0-0, 8=-22/6-0-0, 6=59/6-0-0, 9=95/0-3-8, 9=95/0-3-8, 4=160/0-3-8, 4=160/0-3-8, 5=-143/0-3-8
Max Horz 9=-107(LC 4)
Max Uplift 7=-184(LC 6), 8=-90(LC 10), 6=-2(LC 4), 9=-43(LC 11), 4=-128(LC 10), 5=-353(LC 11)
Max Grav 7=538(LC 1), 8=76(LC 11), 6=101(LC 11), 9=189(LC 10), 9=95(LC 1), 4=370(LC 11), 4=160(LC 1), 5=143(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-110/260, 2-3=-110/260
BOT CHORD	1-9=-163/154, 8-9=-163/154, 7-8=-163/154, 6-7=-163/154, 5-6=-163/154, 4-5=-163/154, 3-4=-163/154
WEBS	2-7=-491/269

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 7, 90 lb uplift at joint 8, 2 lb uplift at joint 6, 43 lb uplift at joint 9, 128 lb uplift at joint 4 and 353 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

ENGINEERING BY TRENCO
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818 Soundside Road
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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	B02	Common	20	1	E9310019

Job Reference (optional)

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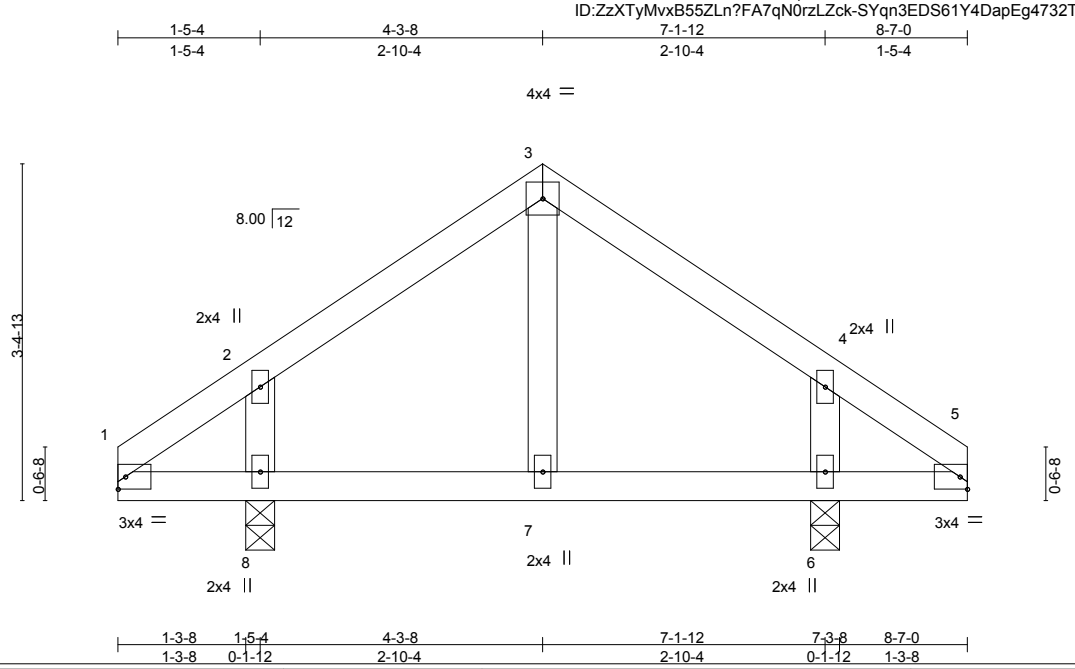


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	-0.01	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.02	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.00	7-8	>999	240	Weight: 36 lb	FT = 20%

LUMBER-

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

BRACING-

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

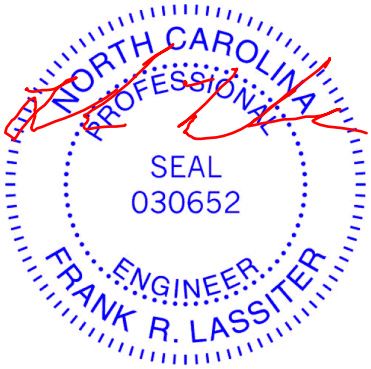
REACTIONS. (lb/size) 8=343/0-3-8, 6=343/0-3-8
Max Horz 8=86(LC 5)
Max Uplift 8=-27(LC 6), 6=-27(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-69/31, 2-3=-140/70, 3-4=-140/70, 4-5=-69/31
BOT CHORD	1-8=-20/66, 7-8=-19/66, 6-7=-19/66, 5-6=-19/66
WEBS	3-7=-29/50, 2-8=-204/119, 4-6=-204/119

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 27 lb uplift at joint 8 and 27 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J03	JACK-OPEN	2	1	E9310020

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:54 2016 Page 1

ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-wkO9GaD4tLgxrkOREnelah9?7jP0jtu25Bq71IzgFIV

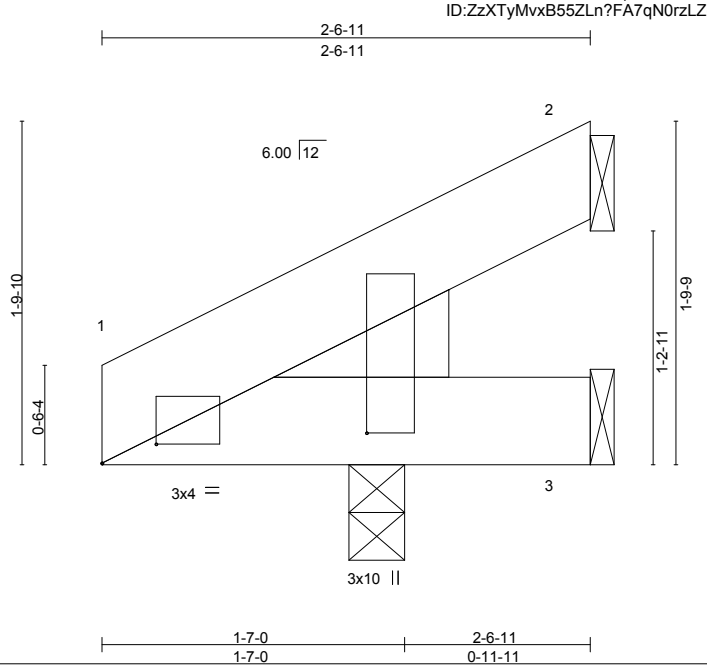


Plate Offsets (X,Y)-- [1:0-3-6,0-1-3], [1:0-1-14,1-4-10]

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)		Wind(LL)	0.00	1	****	240	Weight: 15 lb	FT = 20%

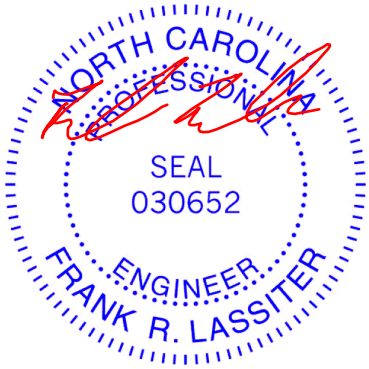
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEDGE
Left: 2x6 SP No.1

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) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-35/27
BOT CHORD 1-3=0/0

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 2 and 1 lb uplift at joint 1.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J03A	JACK-OPEN	2	1	E9310021
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:54 2016 Page 1

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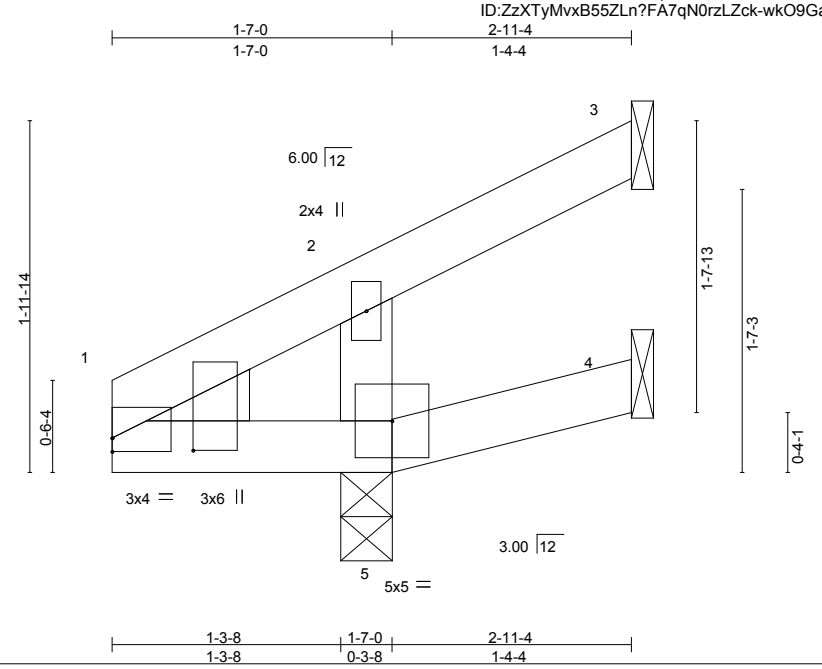

Plate Offsets (X,Y)-- [1:0-0-0,0-0-15], [1:0-0-13,0-5-8]

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)		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)
Max Grav 5=256(LC 1), 4=26(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-46/26, 2-3=-56/0
BOT CHORD 1-5=0/61, 4-5=-5/5
WEBS 2-5=-230/30

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 3.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06	Jack-Open	20	1	E9310022

Job Reference (optional)

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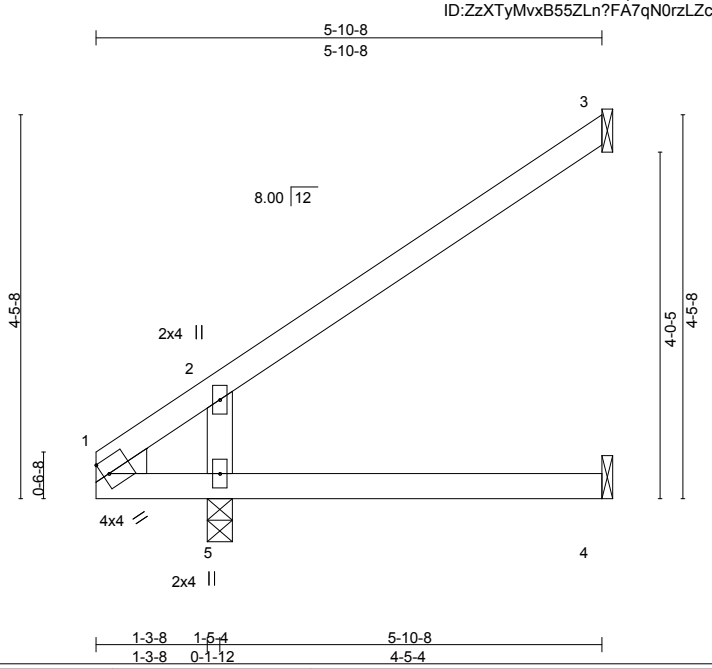

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	-0.01	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.05	3	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.03	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=-78(LC 6), 4=-3(LC 6)
Max Grav 3=113(LC 1), 4=77(LC 2), 5=309(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-195/63, 2-3=-89/48
BOT CHORD 1-5=-5/176, 4-5=0/0
WEBS 2-5=-249/162

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 3 and 3 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06D	JACK-OPEN	1	1	E9310023

Job Reference (optional)

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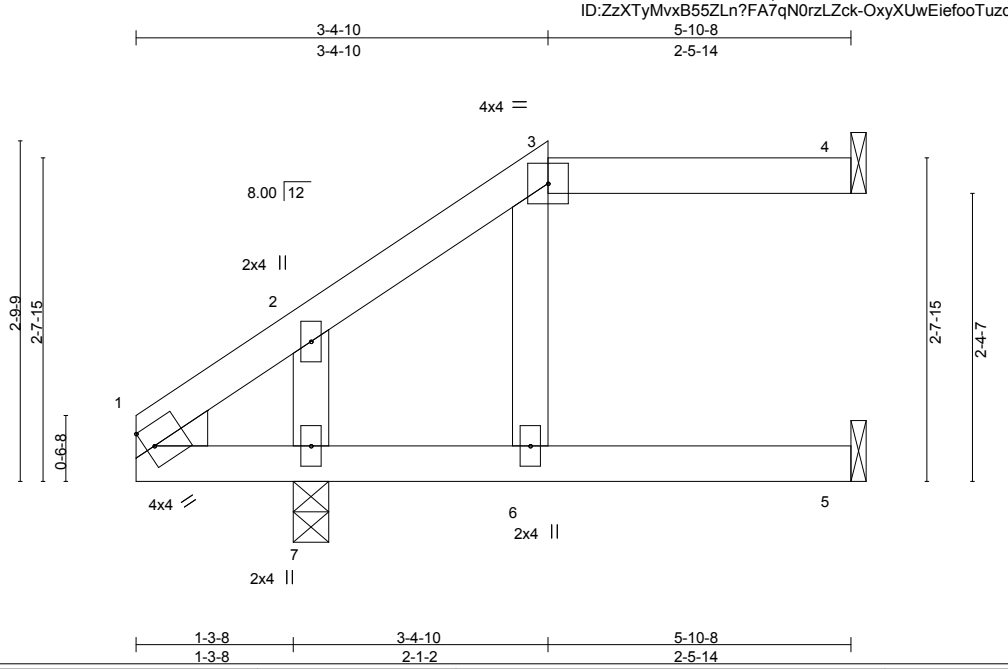

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	-0.02	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(TL)	-0.06	5-6	>851	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.08	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.04	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=-10(LC 6), 7=-10(LC 6)
Max Grav 4=73(LC 1), 5=93(LC 2), 7=309(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-97/48, 2-3=-51/27, 3-4=-1/1
BOT CHORD 1-7=-7/108, 6-7=-7/6, 5-6=0/0
WEBS 3-6=-124/105, 2-7=-132/61

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 4, 10 lb uplift at joint 5 and 10 lb uplift at joint 7.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

February 29,2016

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310024
J0216-0966	J06E	Jack-Open Girder	1	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:55 2016 Page 1

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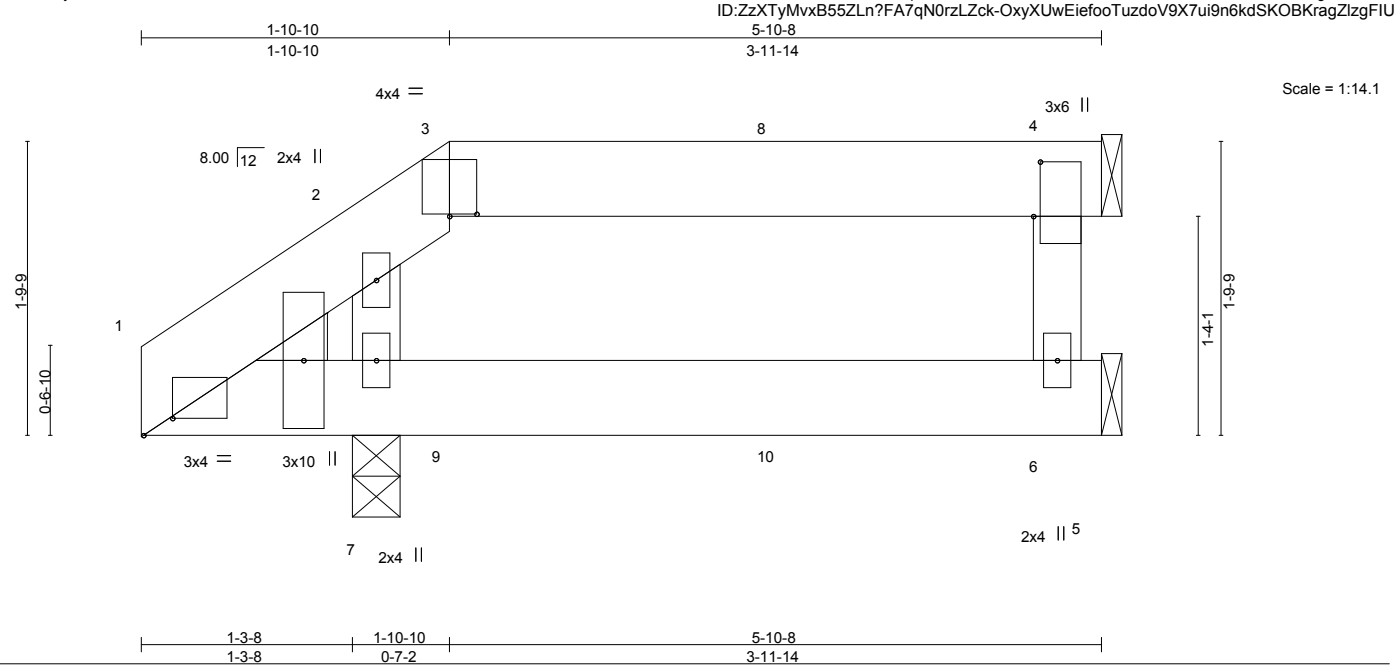

Plate Offsets (X,Y)-- [1:0-2-2,0-1-4], [3:0-2-0,0-0-3], [4:0-4-0,0-0-8]

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)		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=-44(LC 5), 4=-54(LC 3)
Max Grav 7=318(LC 1), 4=119(LC 10), 6=88(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-46/54, 2-3=-95/37, 3-8=0/0, 4-8=0/0
BOT CHORD 1-7=-2/43, 7-9=0/0, 9-10=0/0, 6-10=0/0, 5-6=0/0
WEBS 2-7=-250/111, 4-6=0/0

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 7 and 54 lb uplift at joint 4.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 10 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.
11) 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

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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-10(F) 8=-10(F) 9=-3(F) 10=-3(F)

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06F	JACK-OPEN	1	1	E9310025

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:55 2016 Page 1

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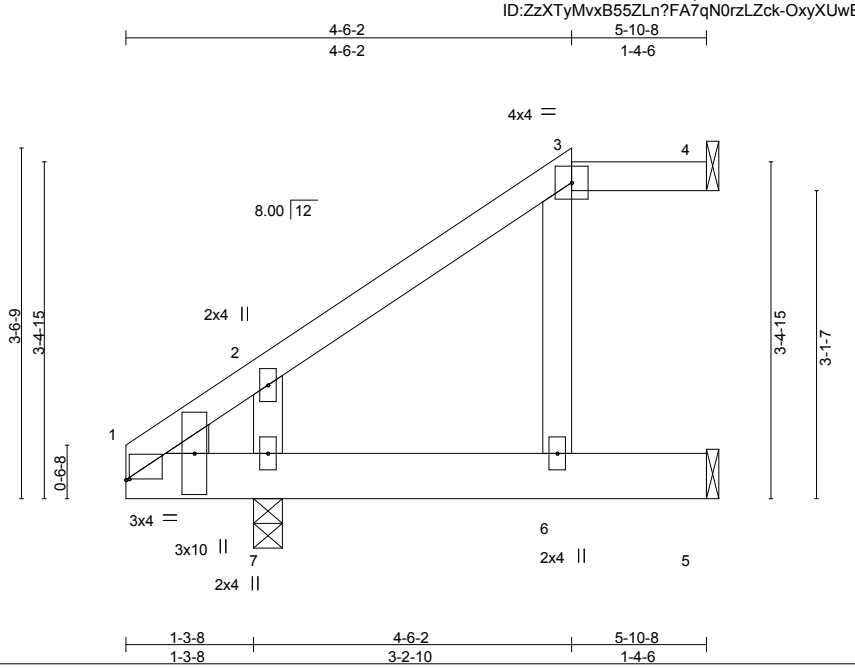


Plate Offsets (X,Y)-- [1:0-0-6,0-0-2]

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	0.04	Horz(TL)	-0.02	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		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-

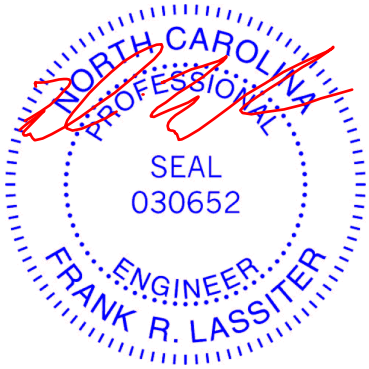
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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=-36(LC 6), 7=-3(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-150/52, 2-3=-61/39, 3-4=-1/1
BOT CHORD 1-7=-6/135, 6-7=-6/4, 5-6=0/0
WEBS 3-6=-120/93, 2-7=-182/141

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 17 lb uplift at joint 4, 36 lb uplift at joint 5 and 3 lb uplift at joint 7.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06G	JACK-OPEN	1	1	E9310026

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:56 2016 Page 1

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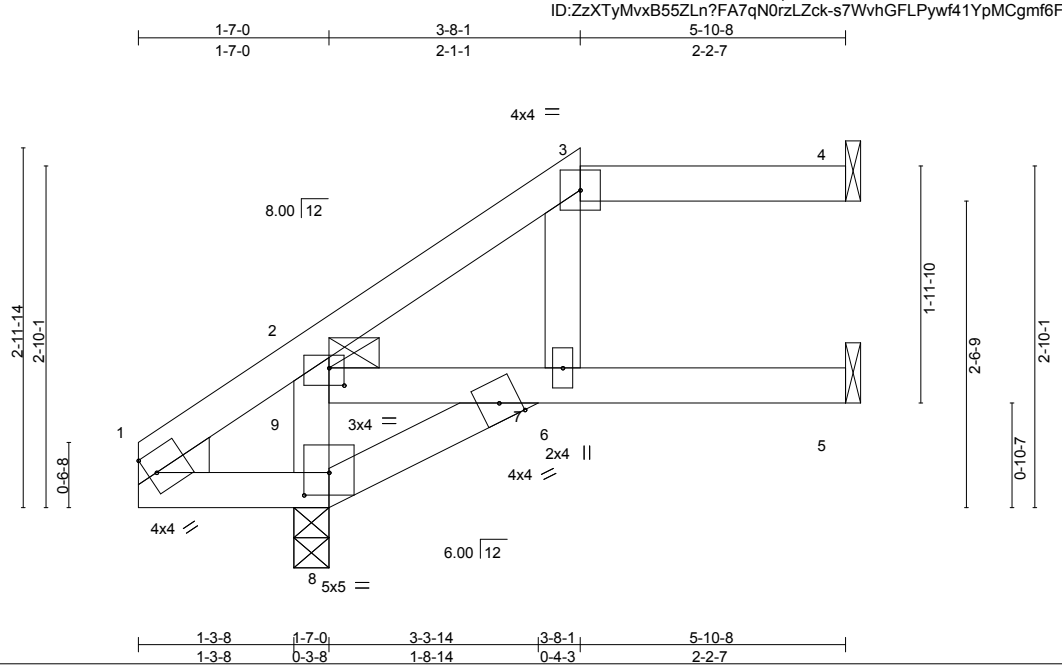


Plate Offsets (X,Y)-- [8:0-2-8,0-2-4], [9:0-1-8,0-1-12]

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	0.11	Horz(TL)	0.05	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		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-

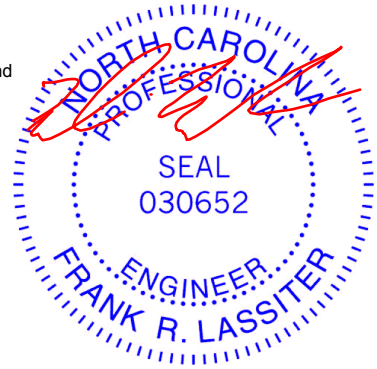
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 5-6.

REACTIONS. (lb/size) 4=81/Mechanical, 8=320/0-3-8, 8=320/0-3-8, 5=65/Mechanical
Max Horz 8=83(LC 6)
Max Uplift 4=-28(LC 5), 8=-9(LC 6), 5=-8(LC 6)
Max Grav 4=81(LC 1), 8=320(LC 1), 8=320(LC 1), 5=72(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11/85, 2-3=-45/20, 3-4=-2/2
BOT CHORD 1-8=-31/22, 7-8=-112/0, 7-9=0/108, 6-7=-7/4, 5-6=0/0
WEBS 8-9=-223/97, 2-9=-191/74, 3-6=-87/51

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 4, 9 lb uplift at joint 8 and 8 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06H	Jack-Open Girder	1	1	E9310027

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:56 2016 Page 1

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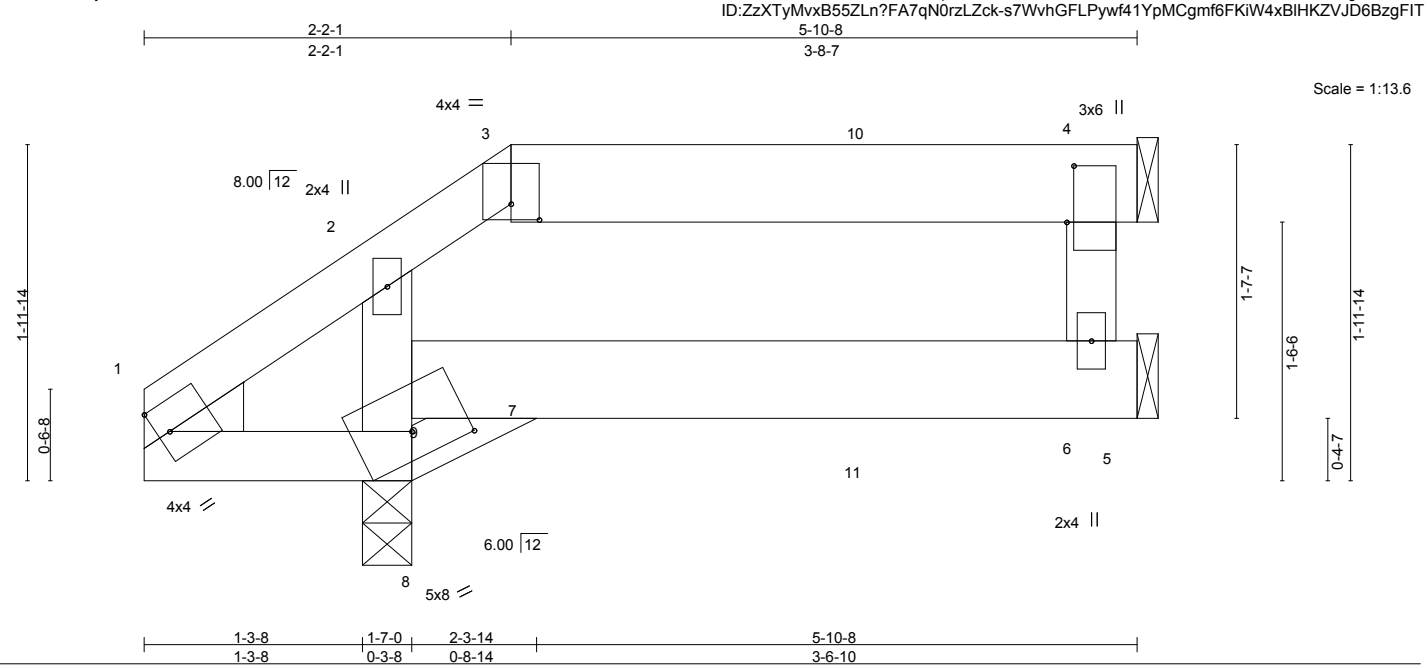


Plate Offsets (X,Y)-- [3:0-2-0,0-1-2], [4:0-4-0,0-0-8], [8:0-4-0,0-1-15]

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	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)		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.

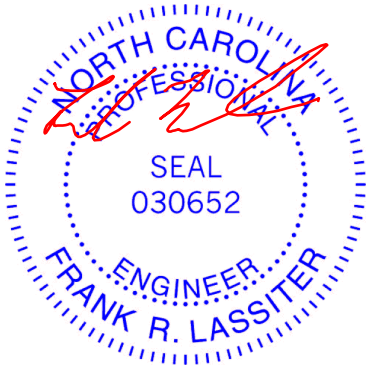
REACTIONS. (lb/size) 8=250/0-3-8, 6=23/Mechanical, 4=75/Mechanical
Max Horz 8=53(LC 5)
Max Uplift 8=-49(LC 5), 4=-68(LC 14)
Max Grav 8=250(LC 1), 6=61(LC 2), 4=76(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-8/95, 2-3=-46/42, 3-10=-0/1, 4-10=-1/1
BOT CHORD 1-8=-46/15, 7-8=-175/0, 7-9=0/141, 7-11=0/0, 6-11=0/0, 5-6=0/0
WEBS 8-9=-162/96, 2-9=-181/87, 4-6=0/0

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 8 and 68 lb uplift at joint 4.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 99 lb up at 2-2-1, and 99 lb up at 4-3-14 on top chord, and 14 lb up at 2-3-14, and 14 lb up at 4-3-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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



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Continued on page 2

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LOAD CASE(S) Standard

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) 7=7(B) 10=46(B) 11=7(B)

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ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06I	JACK-OPEN	1	1	E9310028

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:57 2016 Page 1

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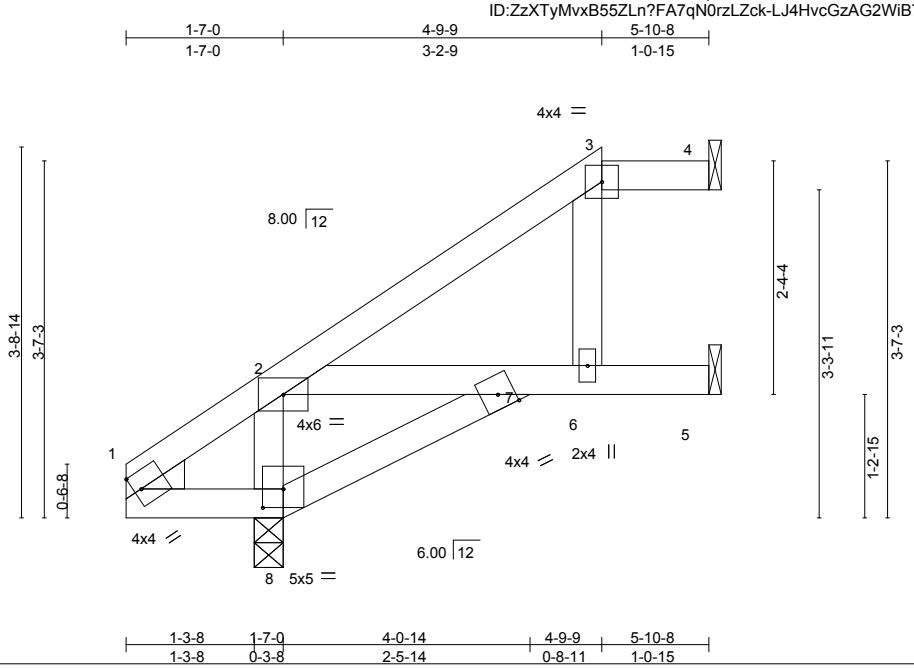


Plate Offsets (X,Y)-- [8:0-2-8,0-2-4]

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)		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-

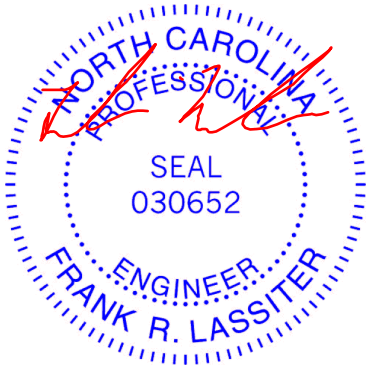
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 5-6.

REACTIONS. (lb/size) 4=31/Mechanical, 8=320/0-3-8, 8=320/0-3-8, 5=115/Mechanical
Max Horz 8=107(LC 6)
Max Uplift 4=-13(LC 4), 5=-45(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-18/117, 2-3=-60/42, 3-4=-1/1
BOT CHORD 1-8=-56/31, 7-8=-142/0, 2-7=0/127, 6-7=-8/6, 5-6=0/0
WEBS 2-8=-267/112, 3-6=-115/84

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 13 lb uplift at joint 4 and 45 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06J	JACK-OPEN	1	1	E9310029

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:57 2016 Page 1

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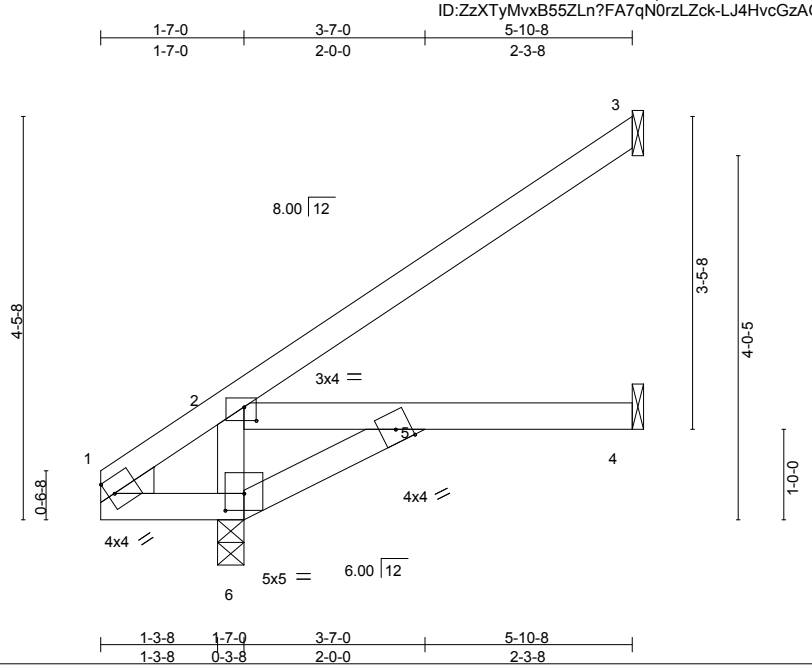


Plate Offsets (X,Y)-- [2:0-1-10,0-1-13], [6:0-2-8,0-2-4]

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)		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-

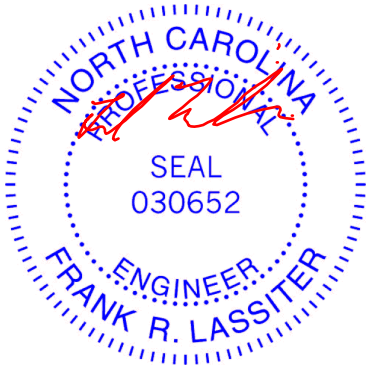
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=111/Mechanical, 6=353/0-3-8, 4=44/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-65(LC 6), 4=-13(LC 6)
Max Grav 3=111(LC 1), 6=353(LC 1), 4=84(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/81, 2-3=-84/47
BOT CHORD 1-6=-55/5, 5-6=-204/0, 2-5=0/177, 4-5=0/0
WEBS 2-6=-303/91

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 65 lb uplift at joint 3 and 13 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06K	JACK-OPEN	1	1	E9310030
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:57 2016 Page 1

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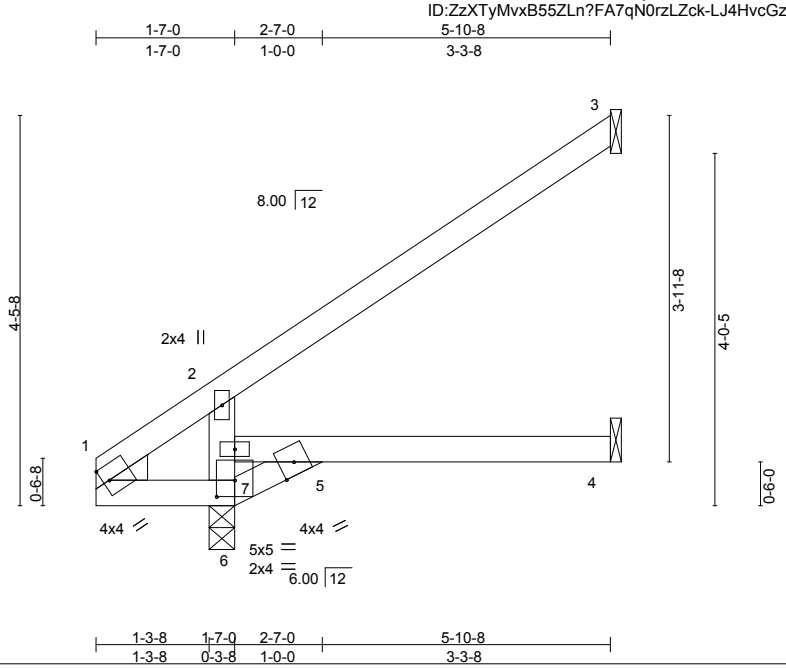


Plate Offsets (X,Y)-- [6:0-2-8,0-2-4]

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	0.17	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(TL)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.03	4-5	>999	240	Weight: 23 lb	FT = 20%

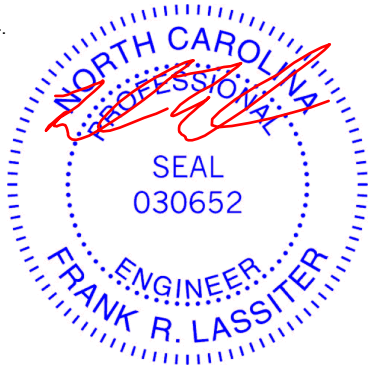
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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=-71(LC 6), 4=-9(LC 6)
Max Grav 3=110(LC 1), 6=340(LC 1), 4=73(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-9/74, 2-3=-87/46
BOT CHORD 1-6=-46/19, 5-6=-366/0, 5-7=0/324, 4-5=0/0
WEBS 6-7=-290/113, 2-7=-255/69

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 3 and 9 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06L	JACK-OPEN	1	1	E9310031

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:58 2016 Page 1

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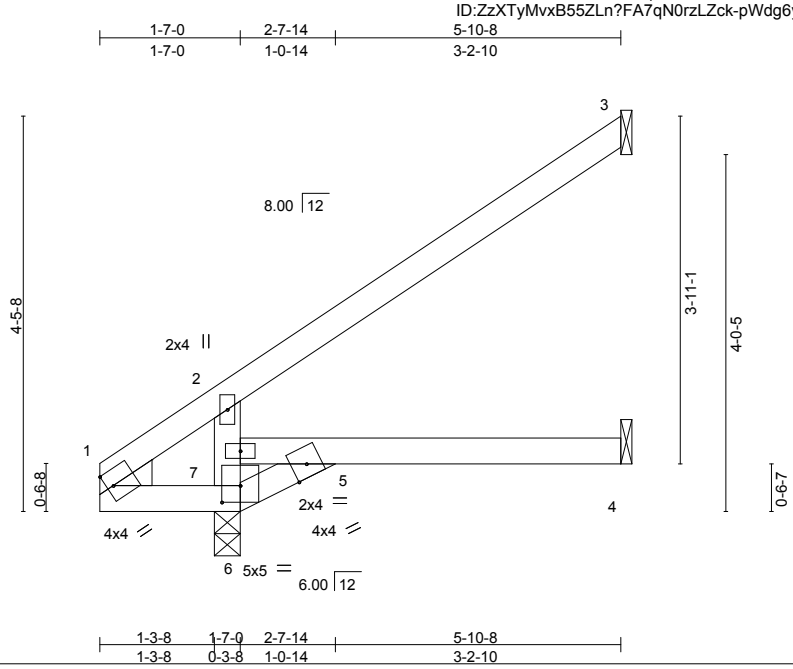


Plate Offsets (X,Y)-- [6:0-2-8,0-2-4]

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	0.16	Vert(TL)	-0.03	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.03	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-

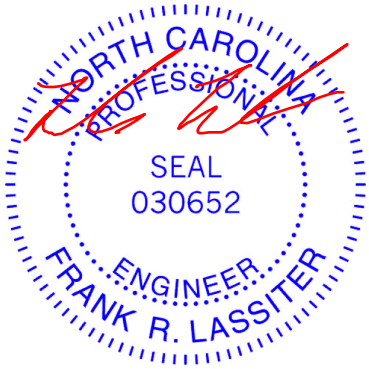
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=110/Mechanical, 6=341/0-3-8, 4=38/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-71(LC 6), 4=-10(LC 6)
Max Grav 3=110(LC 1), 6=341(LC 1), 4=73(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-7/75, 2-3=-86/46
BOT CHORD 1-6=-47/17, 5-6=-350/0, 5-7=0/310, 4-5=0/0
WEBS 6-7=-291/114, 2-7=-254/70

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 3 and 10 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06M	JACK-OPEN	1	1	E9310032

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:58 2016 Page 1

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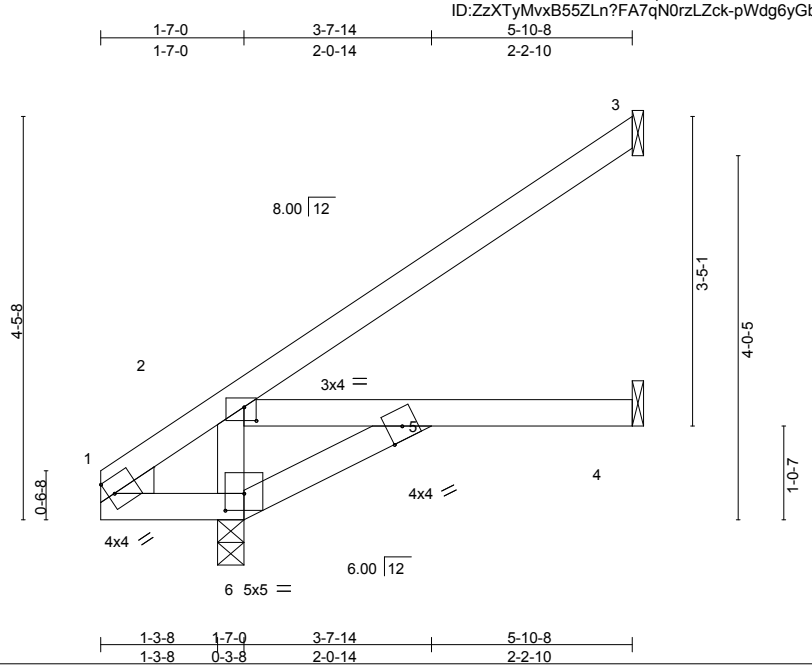


Plate Offsets (X,Y)-- [2:0-1-10,0-1-13], [6:0-2-8,0-2-4]

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)		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-

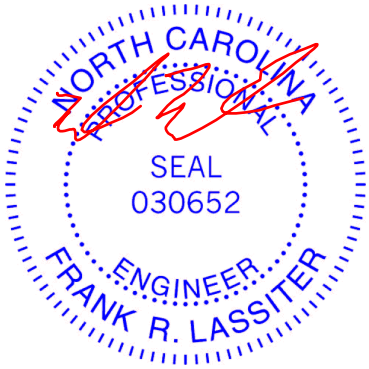
TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=110/Mechanical, 6=353/0-3-8, 4=45/Mechanical
Max Horz 6=132(LC 6)
Max Uplift 3=-64(LC 6), 4=-13(LC 6)
Max Grav 3=110(LC 1), 6=353(LC 1), 4=85(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/81, 2-3=-84/47
BOT CHORD 1-6=-55/5, 5-6=-206/0, 2-5=0/179, 4-5=0/0
WEBS 2-6=-303/92

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 3 and 13 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06N	JACK-OPEN	1	1	E9310033

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:58 2016 Page 1

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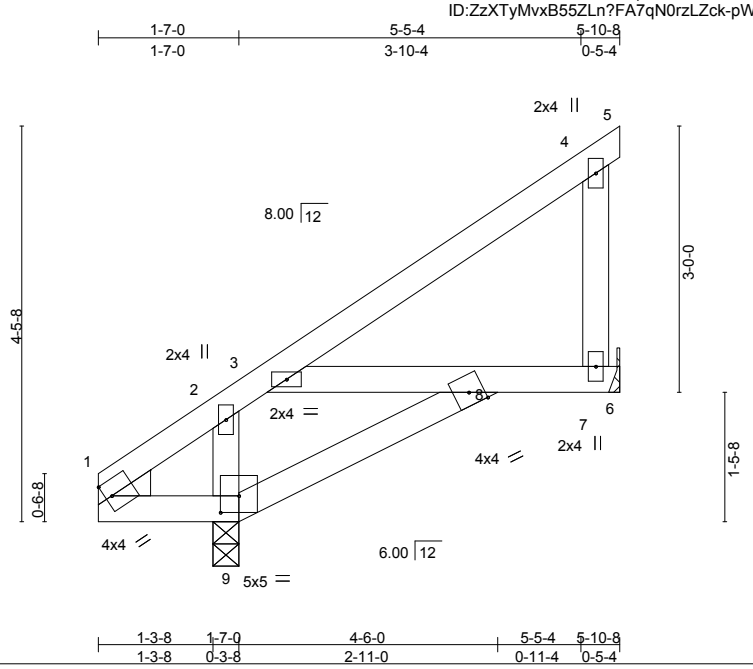

Plate Offsets (X,Y)-- [9:0-2-8,0-2-4]

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	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	-0.02	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	7	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		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.

REACTIONS. (lb/size) 9=312/0-3-8, 9=312/0-3-8, 7=147/Mechanical
Max Horz 9=132(LC 6)
Max Uplift 7=-85(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1/53, 2-3=-58/57, 3-4=-70/42, 4-5=-3/0
BOT CHORD 1-9=-10/10, 8-9=-171/2, 3-8=0/152, 7-8=0/0, 6-7=0/0
WEBS 2-9=-243/89, 4-7=-103/77

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 7.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

February 29,2016

ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06O	JACK-OPEN	1	1	E9310034

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:59 2016 Page 1

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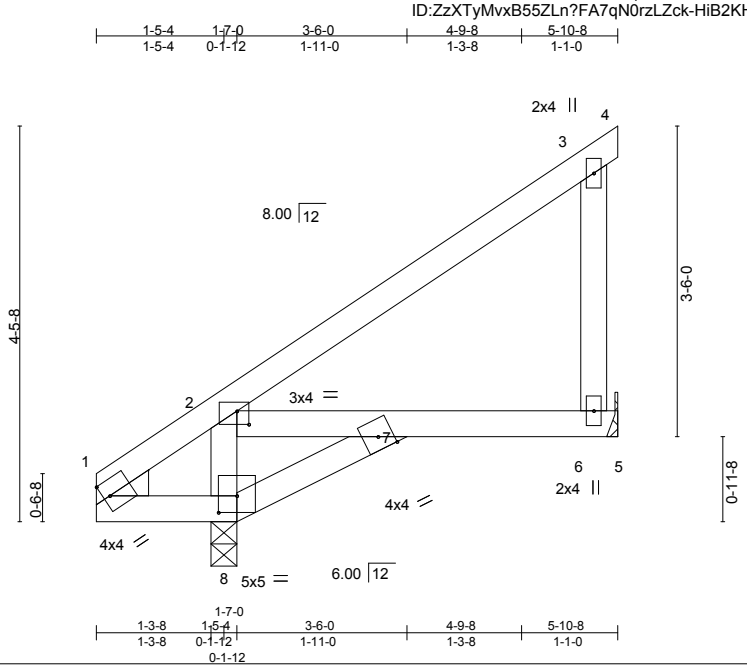


Plate Offsets (X,Y)-- [2:0-1-10,0-1-13], [8:0-2-8,0-2-4]

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	0.16	Vert(LL)	-0.01	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	-0.02	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.02	7	>999	240	Weight: 29 lb	FT = 20%

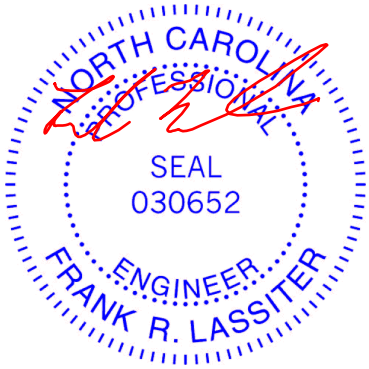
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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.

REACTIONS. (lb/size) 8=312/0-3-8, 6=147/Mechanical
Max Horz 8=132(LC 6)
Max Uplift 6=-85(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/68, 2-3=-82/43, 3-4=-3/0
BOT CHORD 1-8=-30/0, 7-8=-180/0, 2-7=0/164, 6-7=0/0, 5-6=0/0
WEBS 2-8=-250/82, 3-6=-107/86

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	J06P	JACK-OPEN	1	1	E9310035

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:59 2016 Page 1

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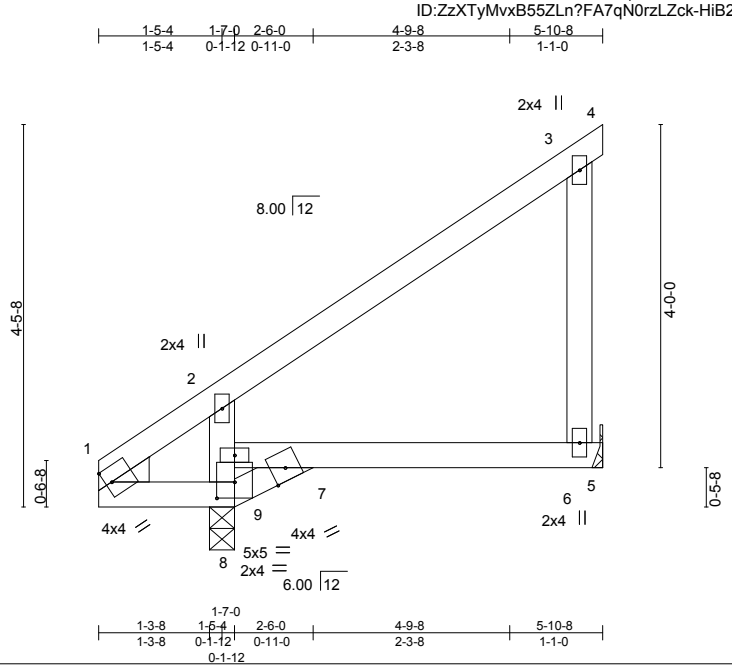


Plate Offsets (X,Y)-- [8:0-2-8,0-2-4]

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	0.17	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.02	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(TL)	-0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.02	6-7	>999	240	Weight: 28 lb	FT = 20%

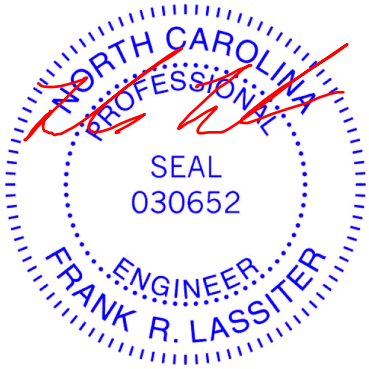
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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.

REACTIONS. (lb/size) 8=312/0-3-8, 6=147/Mechanical
Max Horz 8=132(LC 6)
Max Uplift 6=-85(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-31/61, 2-3=-82/44, 3-4=-3/0
BOT CHORD 1-8=-30/38, 7-8=-324/0, 7-9=0/296, 6-7=0/0, 5-6=0/0
WEBS 8-9=-263/94, 2-9=-252/80, 3-6=-109/95

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	M01	Common	3	1	E9310036

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:38:59 2016 Page 1

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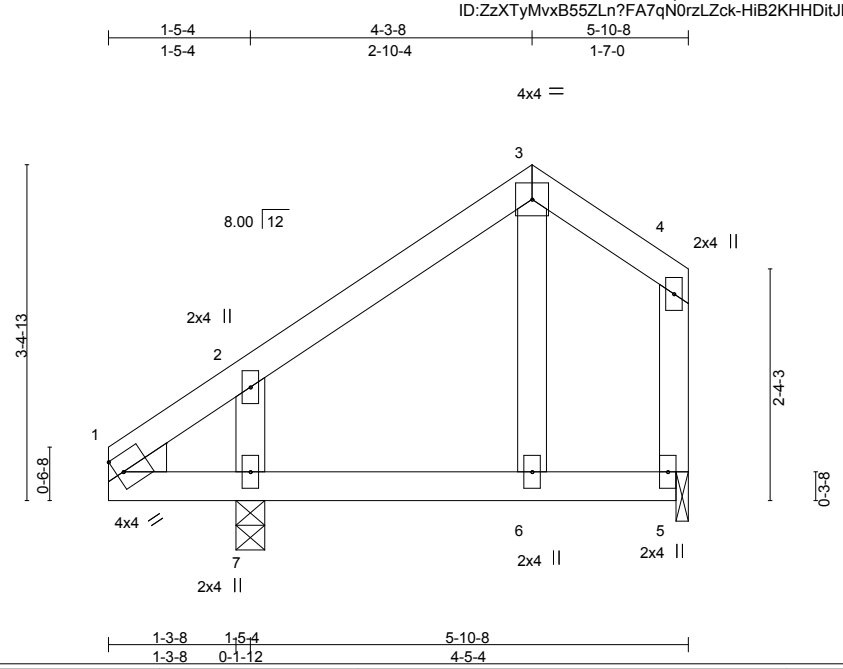


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	-0.03	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.01	6	>999	240	Weight: 29 lb	FT = 20%

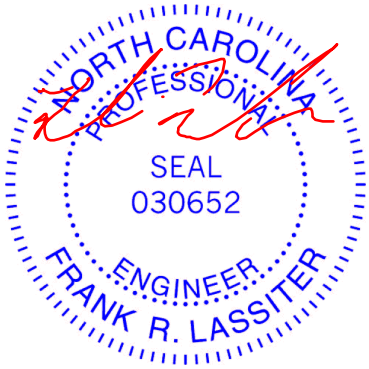
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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=-12(LC 6), 5=-29(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-69/30, 2-3=-85/28, 3-4=-35/32, 3-6=-64/40
BOT CHORD 1-7=-17/74, 6-7=-17/20, 5-6=0/0
WEBS 2-7=-188/115, 4-5=-71/43

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) 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 12 lb uplift at joint 7 and 29 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	M02	HALF HIP	1	1	E9310037

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:00 2016 Page 1

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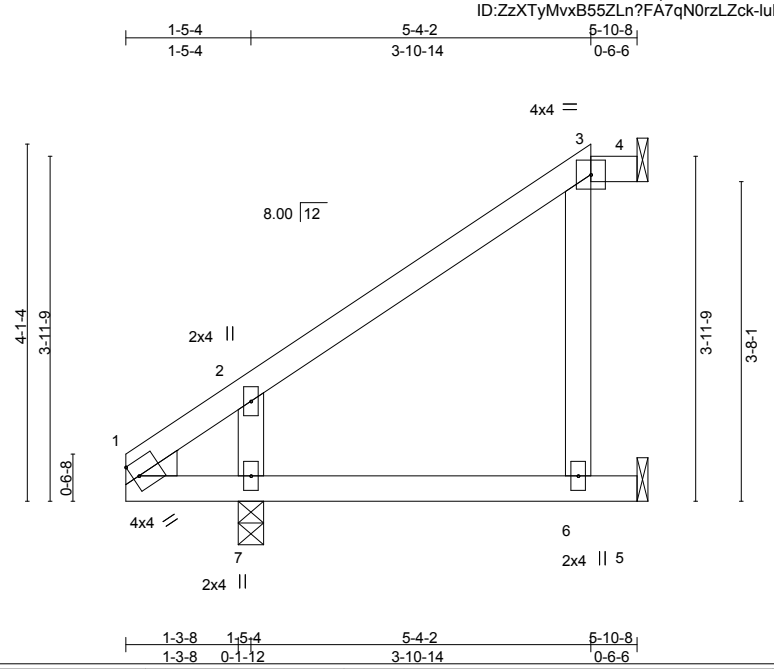


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	-0.04	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	-0.06	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	0.03	6-7	>999	240	Weight: 27 lb	FT = 20%

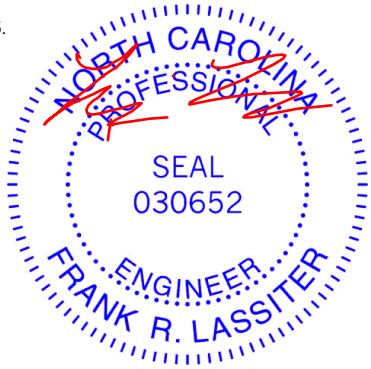
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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=-63(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-170/58, 2-3=-82/49, 3-4=-1/1
BOT CHORD 1-7=-8/163, 6-7=-5/4, 5-6=0/0
WEBS 2-7=-215/134, 3-6=-120/112

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 6 lb uplift at joint 4 and 63 lb uplift at joint 5.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310038
J0216-0966	M03	GABLE	1	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:00 2016 Page 1

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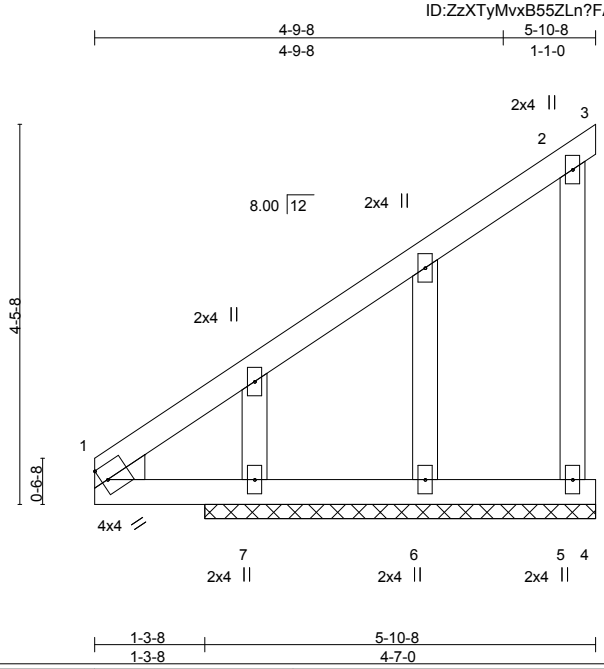


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	0.00	2	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.60	Vert(TL)	0.02	3	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)							Weight: 31 lb	FT = 20%

LUMBER-

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

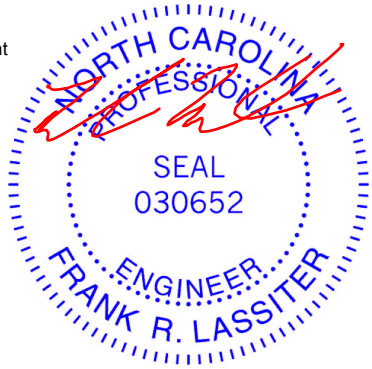
REACTIONS. (lb/size) 5=246/4-7-0, 6=-230/4-7-0, 7=443/4-7-0
Max Horz 7=132(LC 6)
Max Uplift 5=-99(LC 6), 6=-230(LC 1)
Max Grav 5=246(LC 1), 6=21(LC 6), 7=443(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-120/78, 2-3=-3/0, 2-5=-174/144
BOT CHORD	1-7=-7/170, 6-7=0/0, 5-6=0/0, 4-5=0/0

NOTES-

1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable studs spaced at 2-0-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 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 99 lb uplift at joint 5 and 230 lb uplift at joint 6.
7) Non Standard bearing condition. Review required.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

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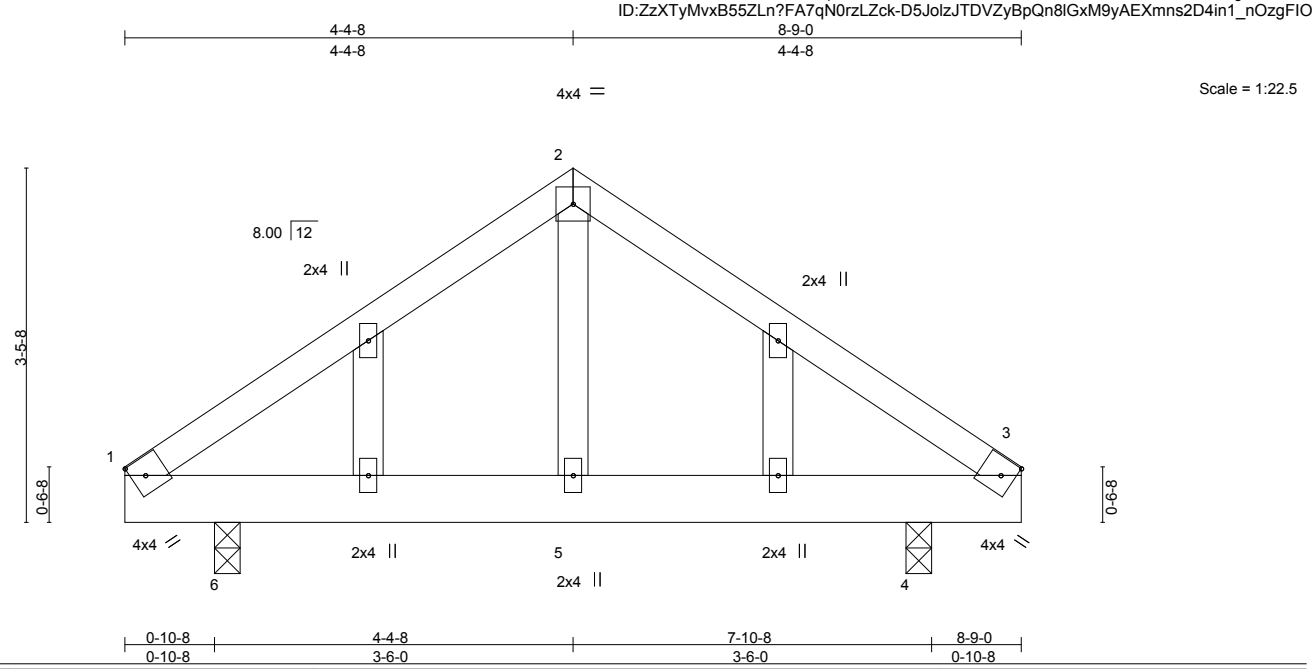
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	P01	GABLE	9	1	E9310039

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:01 2016 Page 1

ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-D5JolzJTDVZyBpQn8lGxM9yAEXmns2D4in1_nOzgFIO



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)	-0.00	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	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)		Wind(LL)	0.00	5	>999	240	Weight: 44 lb	FT = 20%

LUMBER-

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

BRACING-

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

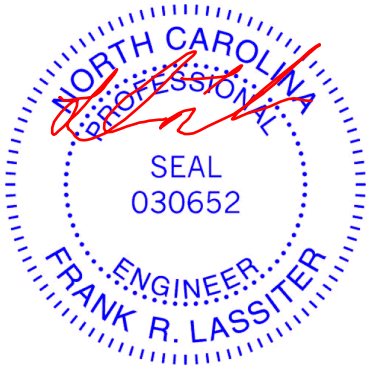
REACTIONS. (lb/size) 6=350/0-3-0, 4=350/0-3-0
Max Horz 6=-106(LC 4)
Max Uplift 6=-85(LC 6), 4=-85(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-231/76, 2-3=-231/76
BOT CHORD	1-6=-21/127, 5-6=-20/127, 4-5=-20/127, 3-4=-20/127
WEBS	2-5=-80/88

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 6 and 85 lb uplift at joint 4.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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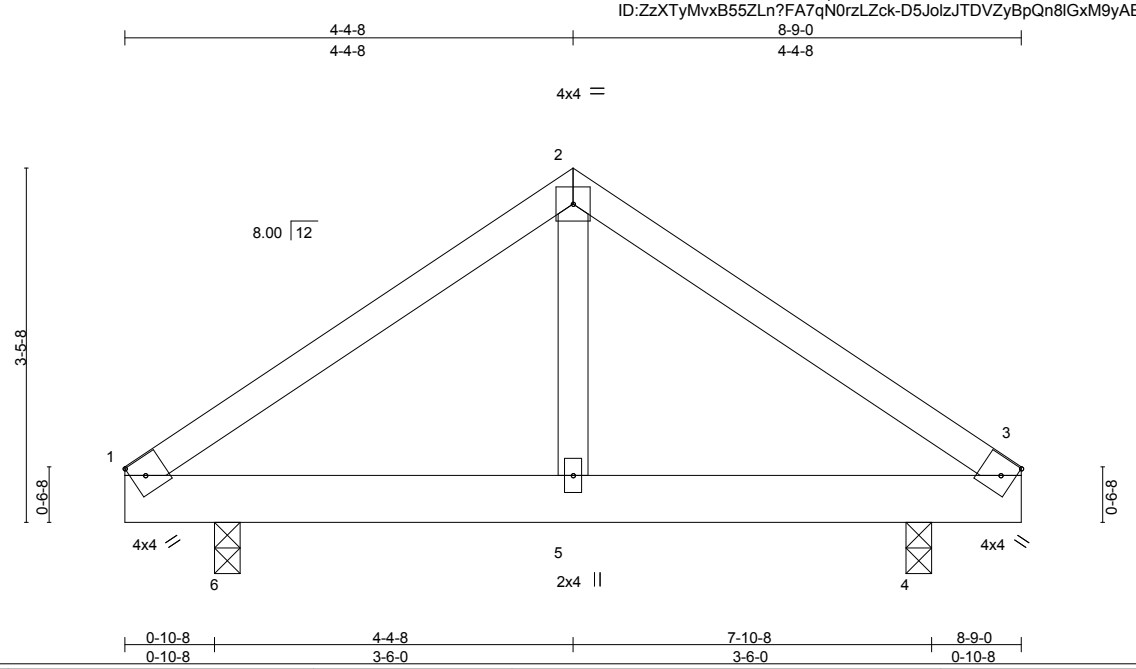
Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	P02	Common	18	1	E9310040
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:01 2016 Page 1

ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-D5JolzJTDVZyBpQn8lGxM9yAEXmns2H4in1_nOzgFIO



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)	-0.00	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	-0.01	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)		Wind(LL)	0.00	5	>999	240	Weight: 40 lb	FT = 20%

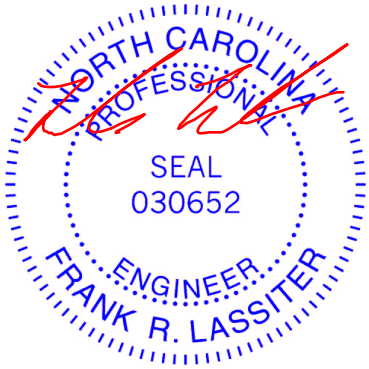
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.3

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) 6=350/0-3-0, 4=350/0-3-0
Max Horz 6=-85(LC 4)
Max Uplift 6=-27(LC 6), 4=-27(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-231/59, 2-3=-231/59
BOT CHORD 1-6=-10/127, 5-6=-10/127, 4-5=-10/127, 3-4=-10/127
WEBS 2-5=-80/74

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 27 lb uplift at joint 6 and 27 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	P03	COMMON STRUCTURAL GA	1	1	E9310041
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:01 2016 Page 1

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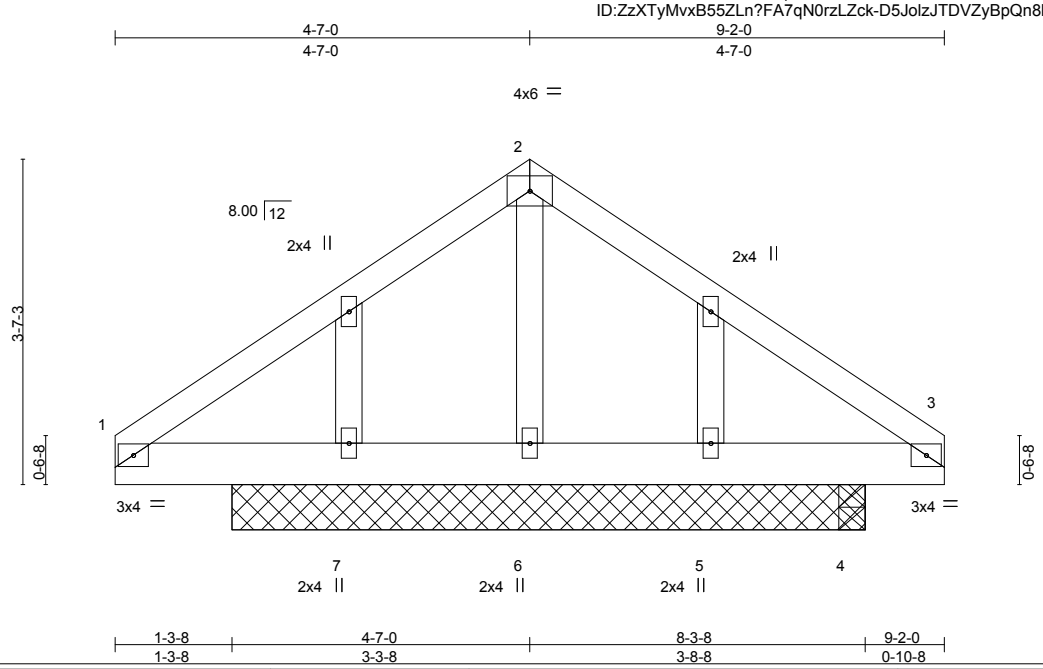

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	0.00	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	0.00	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IRC2009/TPI2007		(Matrix)		Wind(LL)	-0.00	7	>999	240	Weight: 47 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 6=433/7-0-0, 7=171/7-0-0, 5=75/7-0-0, 4=54/0-3-8
Max Horz 7=-111(LC 4)
Max Uplift 6=-113(LC 6), 7=-42(LC 6), 4=-85(LC 10)
Max Grav 6=433(LC 1), 7=181(LC 10), 5=122(LC 10), 4=163(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-64/249, 2-3=-61/249
BOT CHORD	1-7=-142/114, 6-7=-142/112, 5-6=-142/112, 4-5=-142/112, 3-4=-142/112
WEBS	2-6=-471/217

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 6, 42 lb uplift at joint 7 and 85 lb uplift at joint 4.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

February 29,2016

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	P04	COMMON	2	1	E9310042

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:02 2016 Page 1

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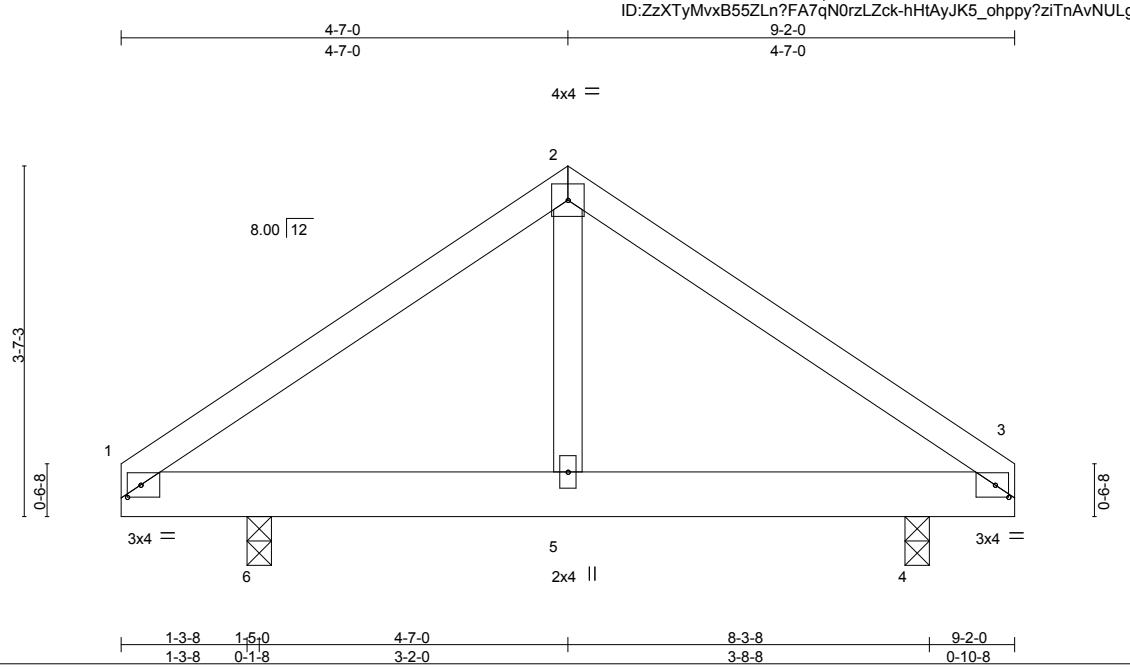


Plate Offsets (X,Y)-- [1:0-1-10,0-1-8], [3:0-1-10,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	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)		Wind(LL)	0.00	5	>999	240	Weight: 43 lb	FT = 20%

LUMBER-

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

BRACING-

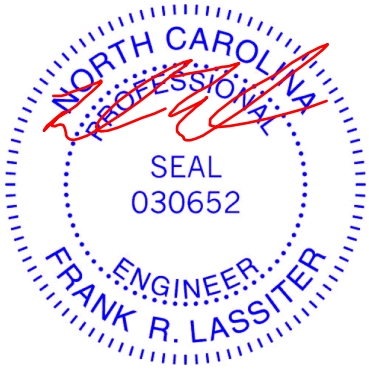
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=389/0-3-0, 4=344/0-3-0
Max Horz 6=89(LC 5)
Max Uplift 6=-30(LC 6), 4=-28(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-211/54, 2-3=-210/54
BOT CHORD 1-6=-15/106, 5-6=-11/106, 4-5=-11/106, 3-4=-11/106
WEBS 2-5=-121/86

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 30 lb uplift at joint 6 and 28 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310043
J0216-0966	V01	GABLE	4	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:02 2016 Page 1

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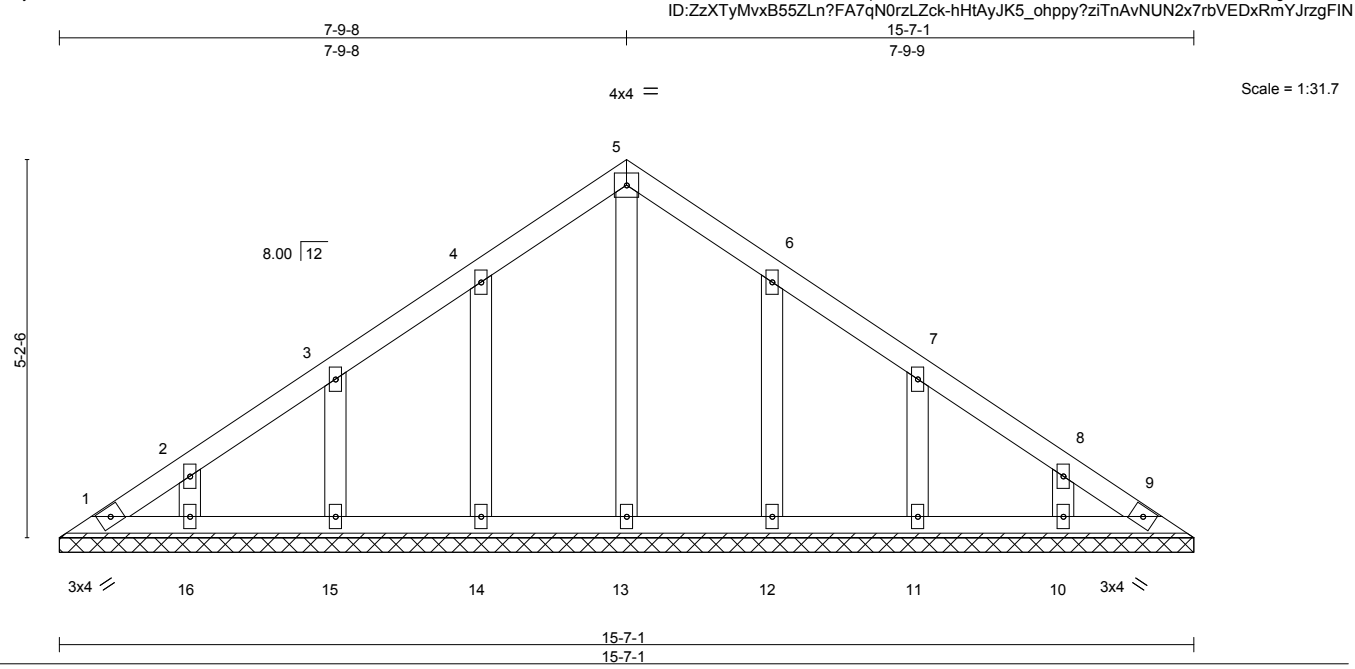

Plate Offsets (X,Y)-- [6:0-0-0,0-0-0], [7:0-0-0,0-0-0], [8:0-0-0,0-0-0]

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	0.03	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)							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. (lb/size) 1=47/15-7-1, 9=47/15-7-1, 13=126/15-7-1, 14=166/15-7-1, 15=162/15-7-1, 16=148/15-7-1, 12=166/15-7-1, 11=162/15-7-1, 10=148/15-7-1
Max Horz 1=-170(LC 4)
Max Uplift 1=-42(LC 4), 9=-9(LC 5), 14=-92(LC 6), 15=-92(LC 6), 16=-82(LC 6), 12=-91(LC 7), 11=-92(LC 7), 10=-82(LC 7)
Max Grav 1=82(LC 5), 9=49(LC 4), 13=126(LC 1), 14=168(LC 10), 15=162(LC 1), 16=148(LC 10), 12=168(LC 11), 11=162(LC 1), 10=148(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-156/102, 2-3=-115/98, 3-4=-65/92, 4-5=-57/133, 5-6=-57/131, 6-7=-54/61, 7-8=-56/38, 8-9=-103/43
BOT CHORD	1-16=-32/98, 15-16=-32/98, 14-15=-32/98, 13-14=-32/98, 12-13=-32/98, 11-12=-32/98, 10-11=-32/98, 9-10=-32/98
WEBS	5-13=-86/0, 4-14=-128/112, 3-15=-121/112, 2-16=-109/98, 6-12=-128/111, 7-11=-121/113, 8-10=-109/98

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 42 lb uplift at joint 1, 9 lb uplift at joint 9, 92 lb uplift at joint 14, 92 lb uplift at joint 15, 82 lb uplift at joint 16, 91 lb uplift at joint 12, 92 lb uplift at joint 11 and 82 lb uplift at joint 10.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V02	Valley	4	1	E9310044
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:02 2016 Page 1

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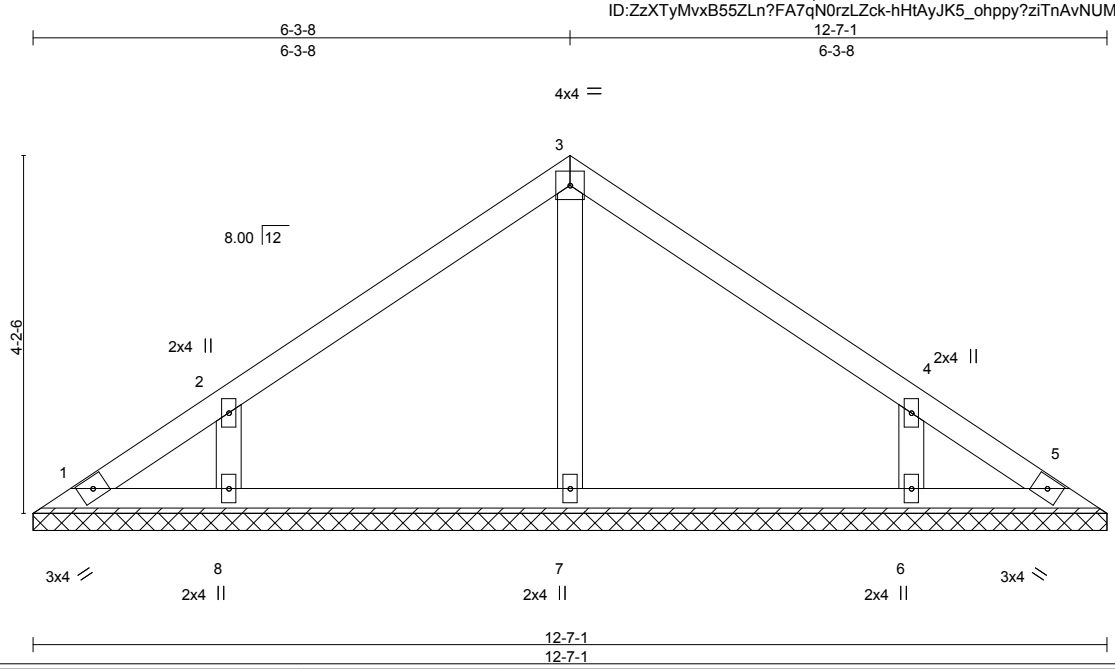


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007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

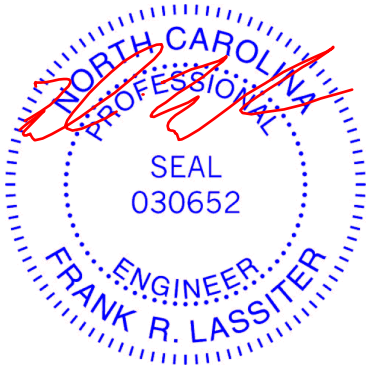
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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. (lb/size) 1=46/12-7-1, 5=46/12-7-1, 7=262/12-7-1, 8=288/12-7-1, 6=288/12-7-1
Max Horz 1=108(LC 5)
Max Uplift 1=-30(LC 4), 5=-9(LC 5), 8=-97(LC 6), 6=-97(LC 7)
Max Grav 1=59(LC 5), 5=46(LC 1), 7=262(LC 1), 8=296(LC 10), 6=296(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-104/74, 2-3=-116/83, 3-4=-116/83, 4-5=-67/36
BOT CHORD 1-8=-20/57, 7-8=-20/57, 6-7=-20/57, 5-6=-20/57
WEBS 3-7=-176/21, 2-8=-232/161, 4-6=-232/161

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 1, 9 lb uplift at joint 5, 97 lb uplift at joint 8 and 97 lb uplift at joint 6.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V03	Valley	4	1	E9310045

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:03 2016 Page 1

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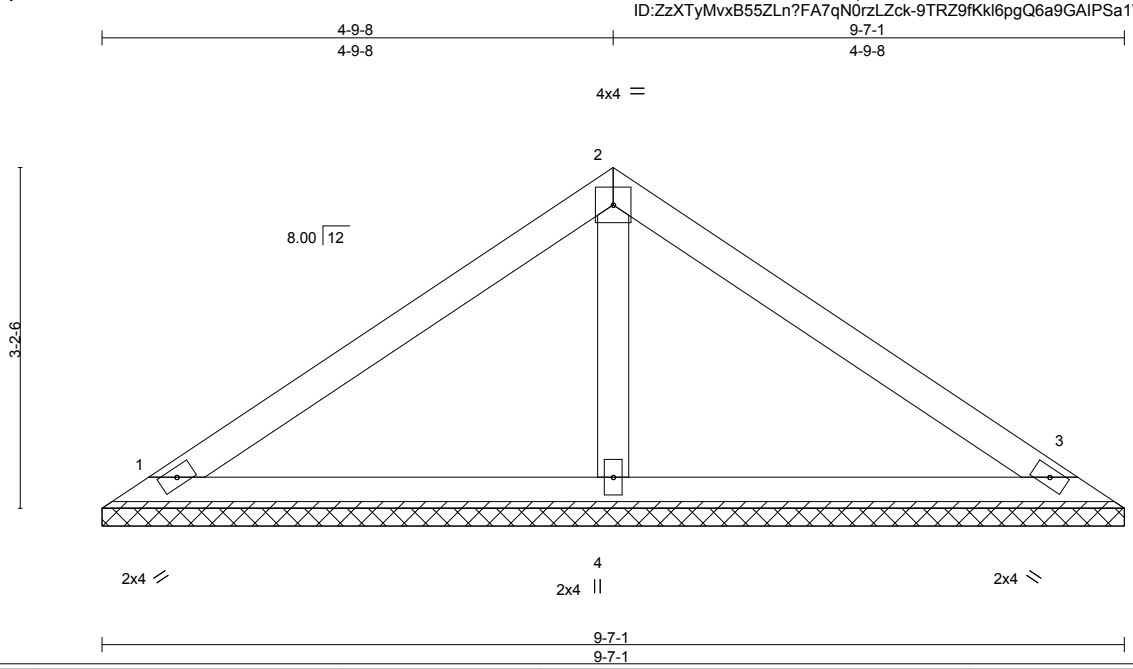


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 34 lb	FT = 20%

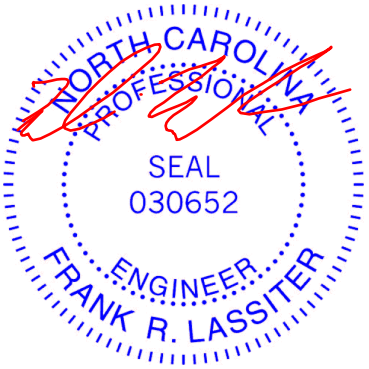
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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 5)
Max Uplift 1=-24(LC 6), 3=-31(LC 7), 4=-3(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-122/58, 2-3=-122/58
BOT CHORD 1-4=-16/46, 3-4=-16/46
WEBS 2-4=-217/80

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 1, 31 lb uplift at joint 3 and 3 lb uplift at joint 4.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V04	Valley	4	1	E9310046

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:03 2016 Page 1

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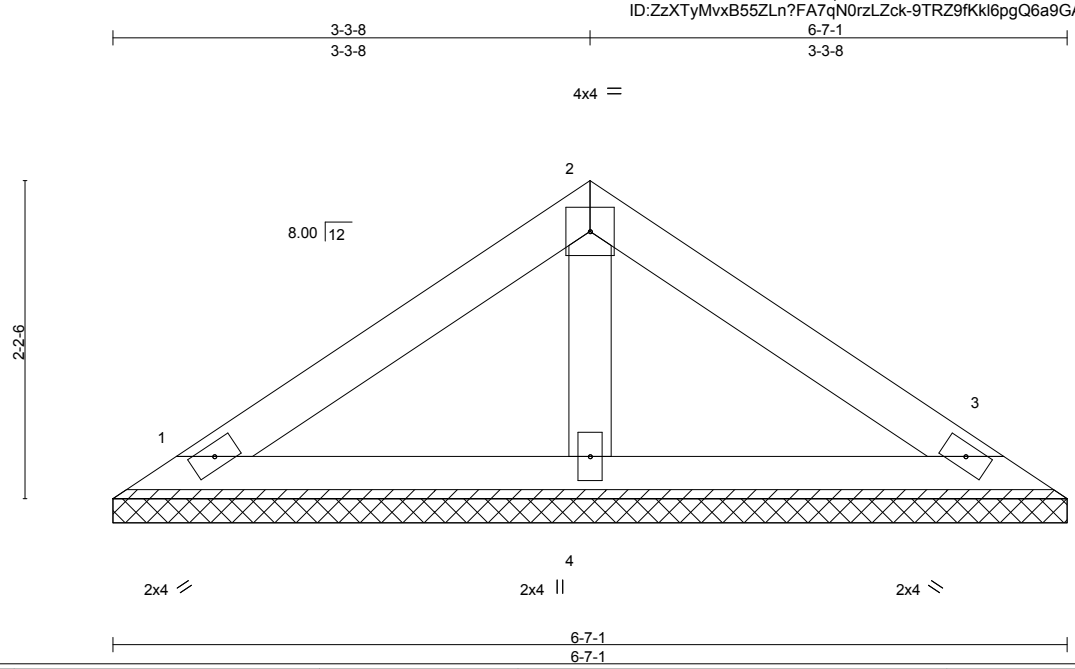


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 22 lb	FT = 20%

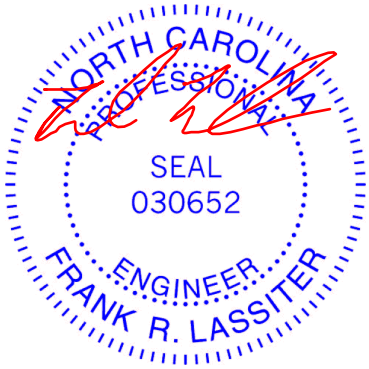
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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=203/6-7-1
Max Horz 1=-52(LC 4)
Max Uplift 1=-21(LC 6), 3=-25(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-69/37, 2-3=-69/37
BOT CHORD 1-4=-10/27, 3-4=-10/27
WEBS 2-4=-133/52

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 1 and 25 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V05	Valley	4	1	E9310047

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:03 2016 Page 1

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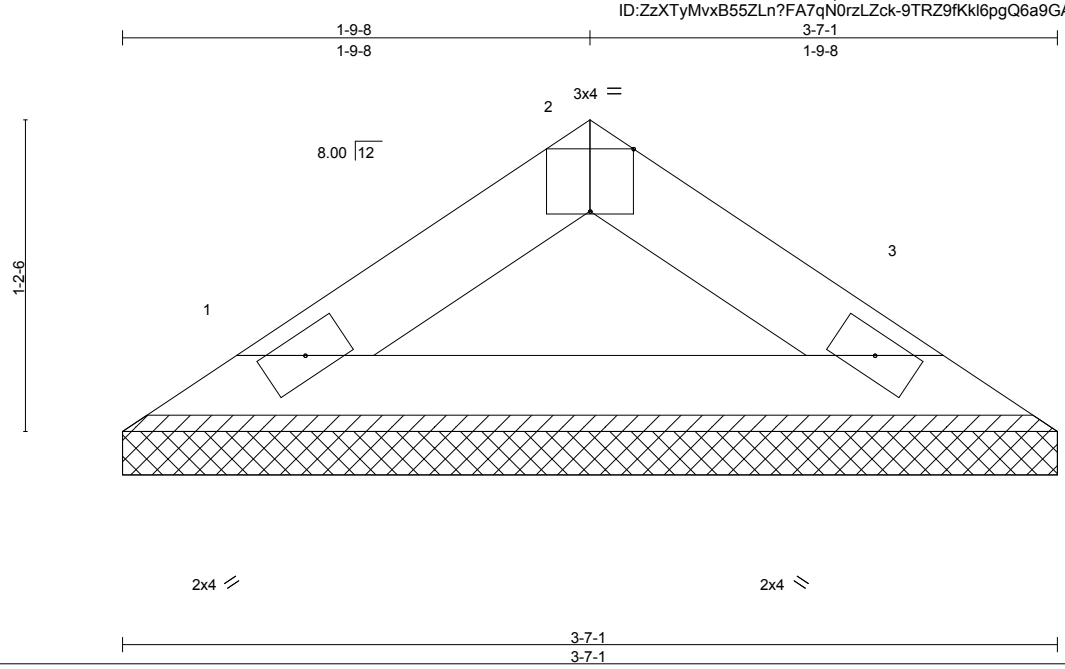

Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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)							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) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-88/41, 2-3=-88/41
BOT CHORD 1-3=-12/59

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint 1 and 8 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett	E9310048
J0216-0966	V06	GABLE	1	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:04 2016 Page 1

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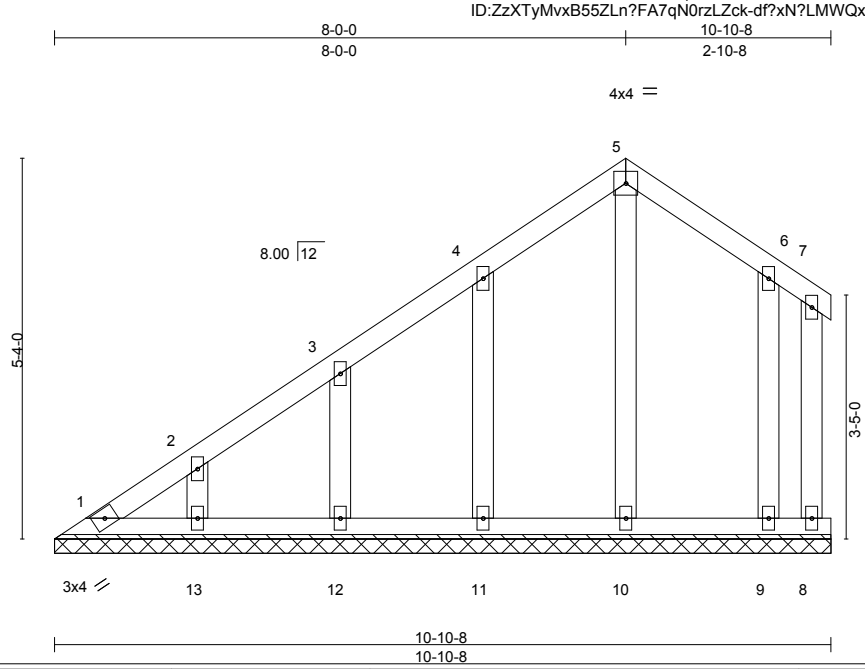


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 61 lb	FT = 20%

LUMBER-

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

BRACING-

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

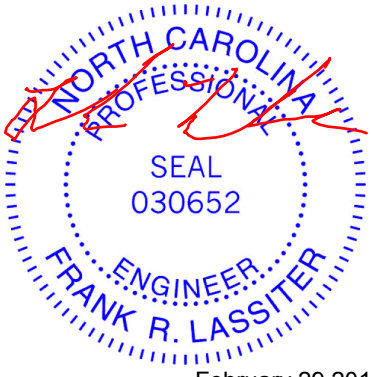
REACTIONS. (lb/size) 1=45/10-10-8, 8=-1/10-10-8, 10=153/10-10-8, 11=166/10-10-8, 12=160/10-10-8, 13=157/10-10-8, 9=131/10-10-8
Max Horz 1=176(LC 6)
Max Uplift 1=-33(LC 4), 8=-7(LC 5), 11=-94(LC 6), 12=-90(LC 6), 13=-87(LC 6), 9=-70(LC 7)
Max Grav 1=95(LC 5), 8=3(LC 4), 10=153(LC 1), 11=168(LC 10), 12=160(LC 1), 13=157(LC 10), 9=134(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-192/92, 2-3=-138/86, 3-4=-89/81, 4-5=-38/77, 5-6=-36/67, 6-7=-1/20, 7-8=-2/4
BOT CHORD	1-13=-1/1, 12-13=-1/1, 11-12=-1/1, 10-11=-1/1, 9-10=-1/1, 8-9=-1/1
WEBS	5-10=-112/20, 4-11=-129/114, 3-12=-120/112, 2-13=-115/104, 6-9=-103/87

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 33 lb uplift at joint 1, 7 lb uplift at joint 8, 94 lb uplift at joint 11, 90 lb uplift at joint 12, 87 lb uplift at joint 13 and 70 lb uplift at joint 9.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V07	VALLEY	1	1	E9310049

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:04 2016 Page 1

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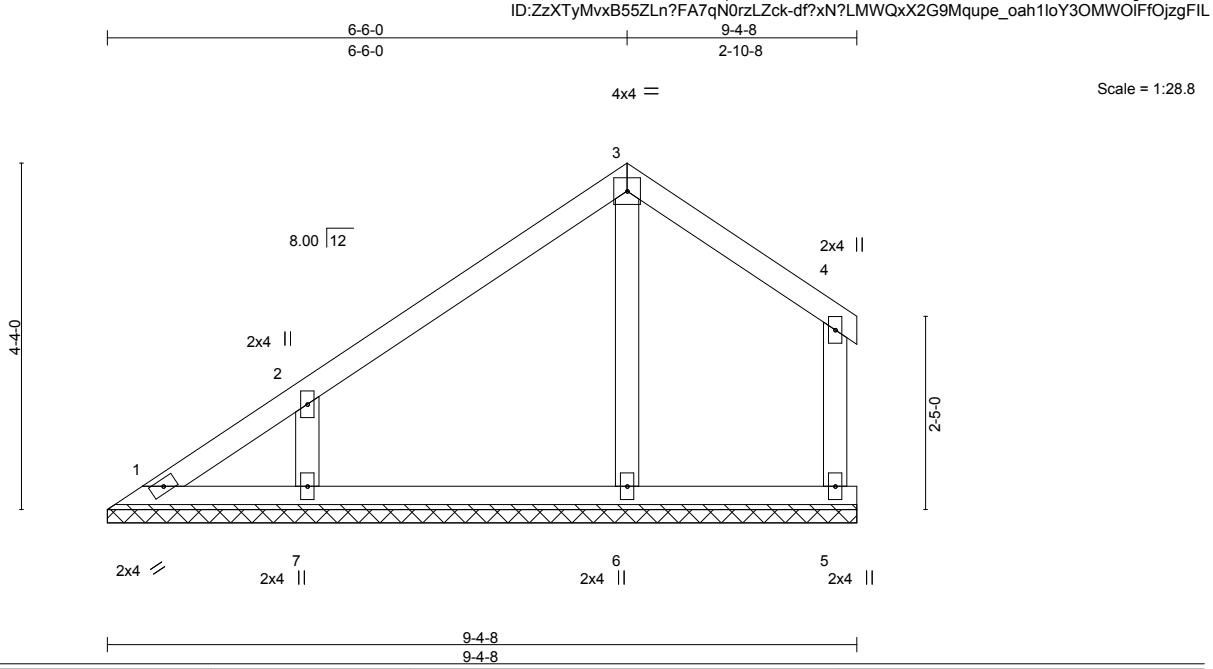


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 40 lb	FT = 20%

LUMBER-

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

BRACING-

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

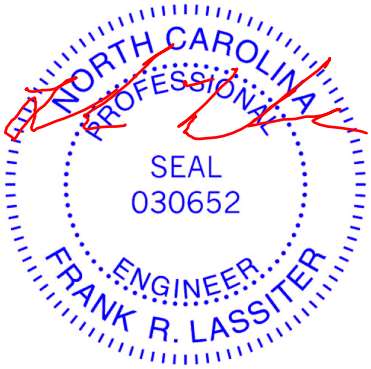
REACTIONS. (lb/size) 1=36/9-4-8, 5=91/9-4-8, 6=263/9-4-8, 7=300/9-4-8
Max Horz 1=109(LC 5)
Max Uplift 1=-27(LC 4), 5=-35(LC 7), 6=-5(LC 6), 7=-97(LC 6)
Max Grav 1=70(LC 5), 5=99(LC 11), 6=263(LC 1), 7=303(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-127/75, 2-3=-80/68, 3-4=-51/50, 4-5=-81/54
BOT CHORD	1-7=-4/8, 6-7=-4/8, 5-6=-4/8
WEBS	3-6=-189/55, 2-7=-233/175

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 1, 35 lb uplift at joint 5, 5 lb uplift at joint 6 and 97 lb uplift at joint 7.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

ENGINEERING BY TRENCO
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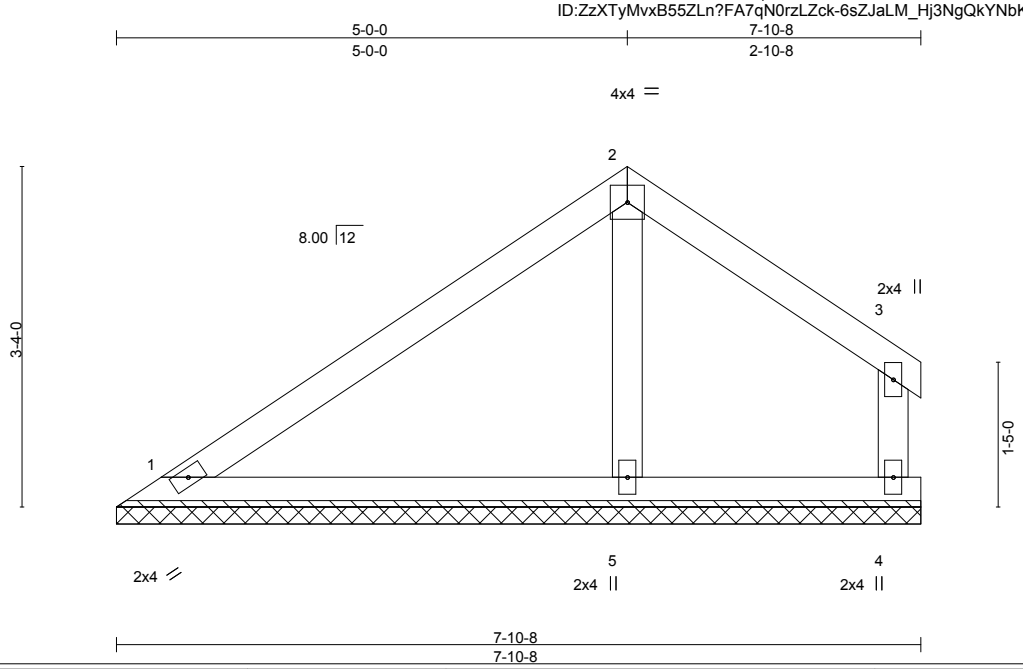
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V08	VALLEY	1	1	E9310050
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:05 2016 Page 1

ID:ZzXTyMvxB55ZLn?FA7qN0rzLZck-6sZJaLM_Hj3NgQkYNbKtX?6qB88_ornfdP?CwAzgFIK



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)	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	0.05	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 31 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 7-10-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=172/7-10-8, 4=89/7-10-8, 5=308/7-10-8
Max Horz 1=82(LC 5)
Max Uplift 1=-18(LC 6), 4=-39(LC 7), 5=-6(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-63/70, 2-3=-35/50, 3-4=-78/62
BOT CHORD	1-5=0/0, 4-5=0/0
WEBS	2-5=-214/74

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 1, 39 lb uplift at joint 4 and 6 lb uplift at joint 5.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V09	VALLEY	1	1	E9310051
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 — 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:05 2016 Page 1

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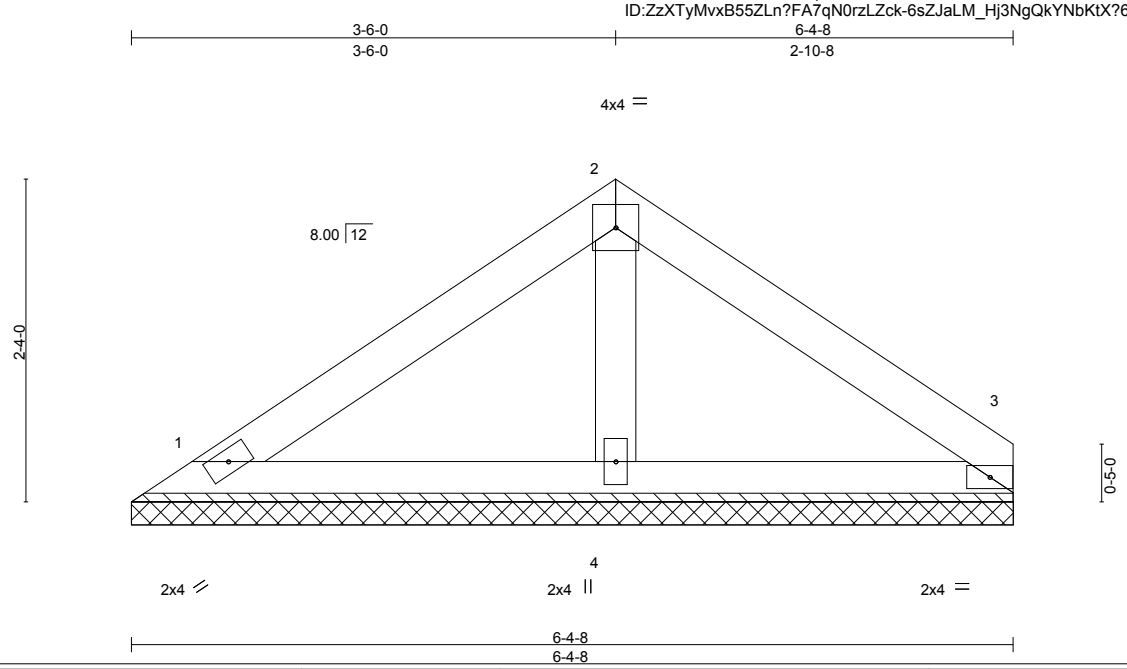

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							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=133/6-4-8, 3=127/6-4-8, 4=212/6-4-8
Max Horz 1=56(LC 5)
Max Uplift 1=-22(LC 6), 3=-26(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-74/40, 2-3=-74/40
BOT CHORD 1-4=-11/29, 3-4=-11/29
WEBS 2-4=-138/54

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1 and 26 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	V10	VALLEY	1	1	E9310052

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:05 2016 Page 1

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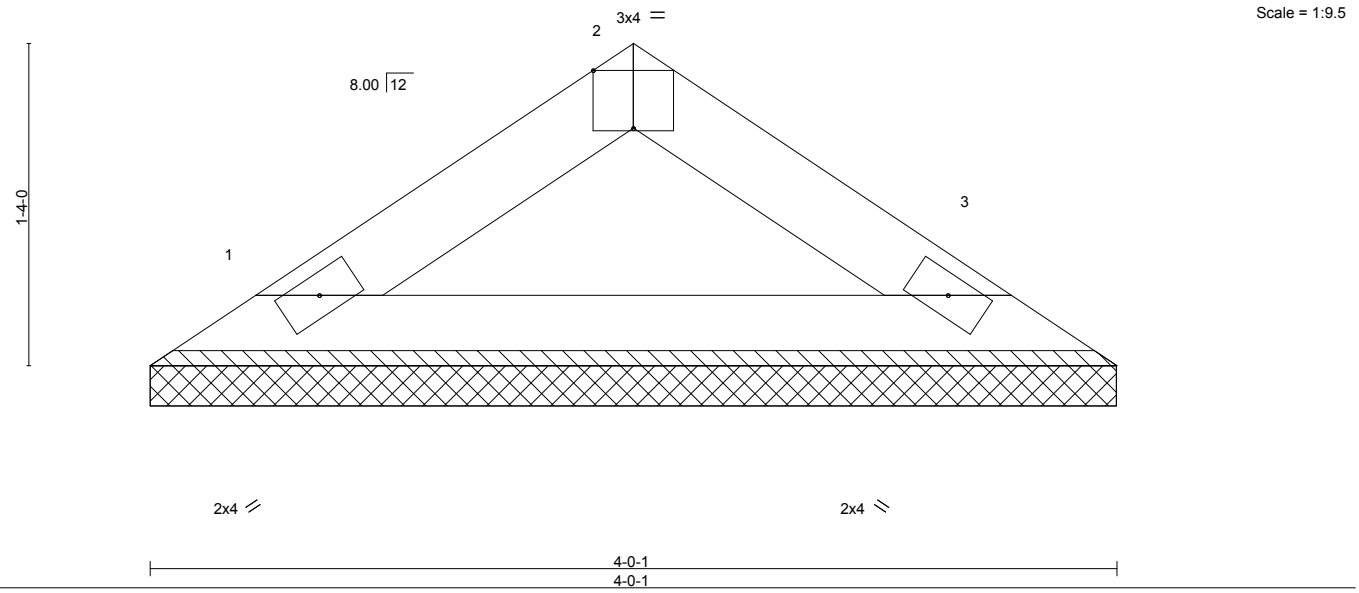


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 12 lb	FT = 20%

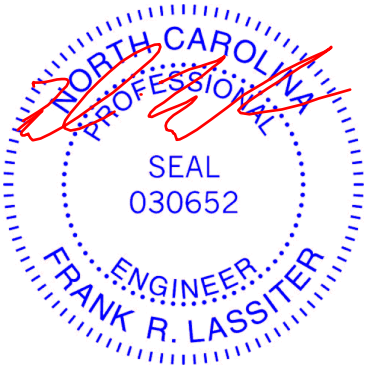
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

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

REACTIONS. (lb/size) 1=122/4-0-1, 3=122/4-0-1
Max Horz 1=-28(LC 4)
Max Uplift 1=-9(LC 6), 3=-9(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-103/47, 2-3=-102/47
BOT CHORD 1-3=-14/68

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 9 lb uplift at joint 1 and 9 lb uplift at joint 3.
6) Non Standard bearing condition. Review required.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	VB01	VALLEY	9	1	E9310053
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:06 2016 Page 1

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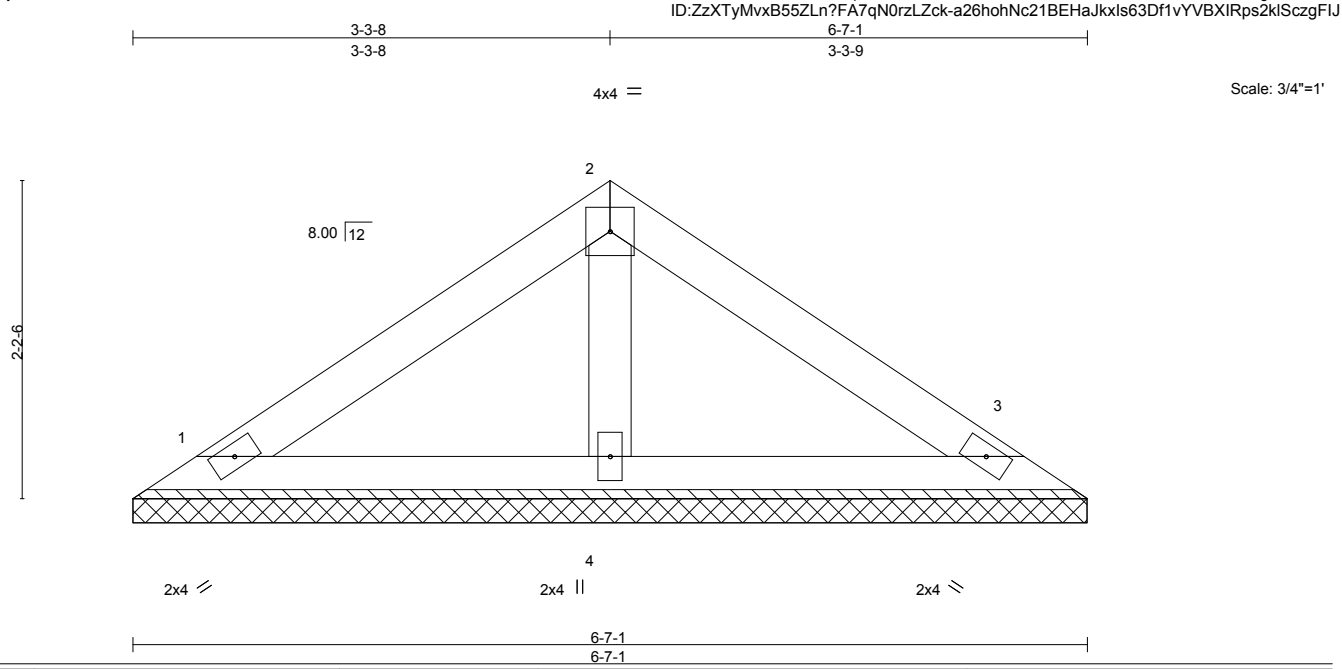


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 22 lb	FT = 20%

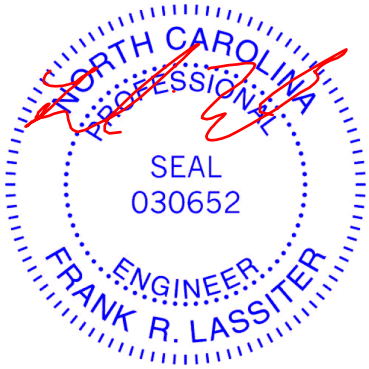
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-69/38, 2-3=-69/38
BOT CHORD 1-4=-10/27, 3-4=-10/27
WEBS 2-4=-133/52

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 21 lb uplift at joint 1 and 25 lb uplift at joint 3.
6) Non Standard bearing condition. Review required.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	VB02	Valley	9	1	E9310054

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:06 2016 Page 1

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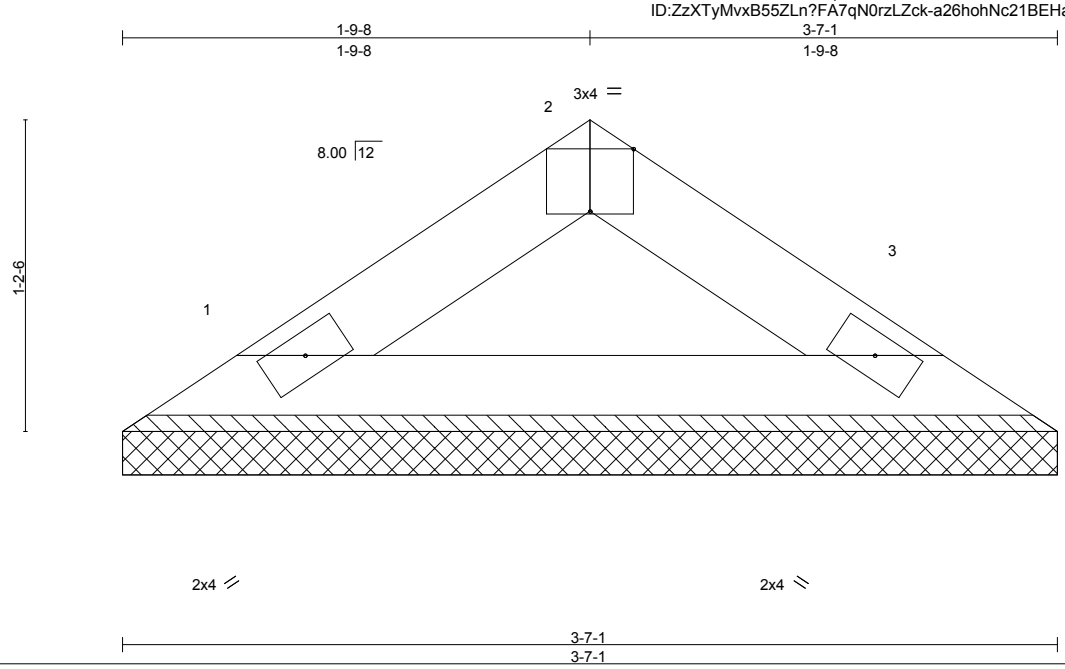


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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)							Weight: 10 lb	FT = 20%

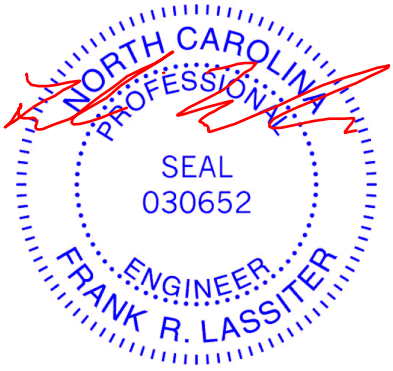
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

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) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-88/41, 2-3=-88/41
BOT CHORD 1-3=-12/59

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint 1 and 8 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	VP01	Valley	5	1	E9310055
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:06 2016 Page 1

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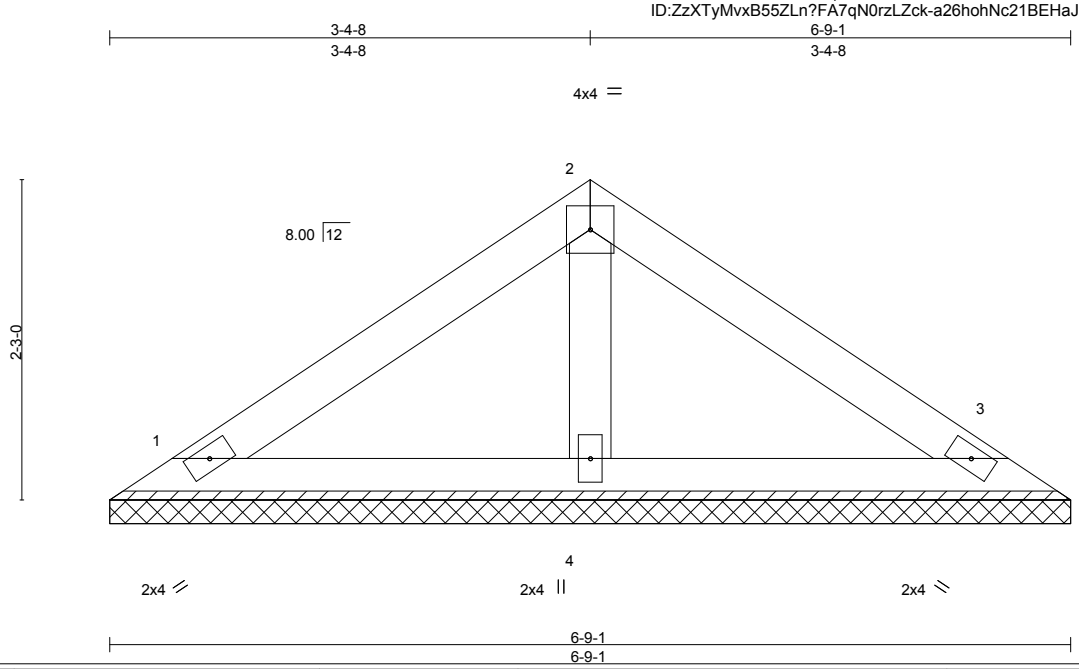


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007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

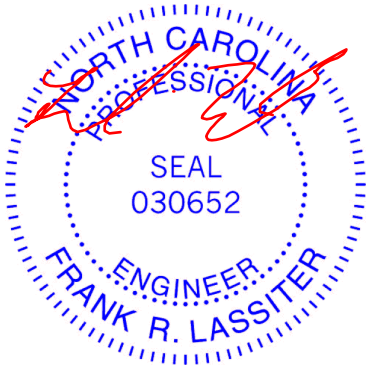
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

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=209/6-9-1
Max Horz 1=54(LC 5)
Max Uplift 1=-22(LC 6), 3=-26(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-71/38, 2-3=-71/38
BOT CHORD 1-4=-11/27, 3-4=-11/27
WEBS 2-4=-137/53

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1 and 26 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



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Job	Truss	Truss Type	Qty	Ply	Price\Campbell Building #12\Harnett
J0216-0966	VP02	Valley	5	1	E9310056
					Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 7.640 s Sep 29 2015 MiTek Industries, Inc. Mon Feb 29 15:39:07 2016 Page 1

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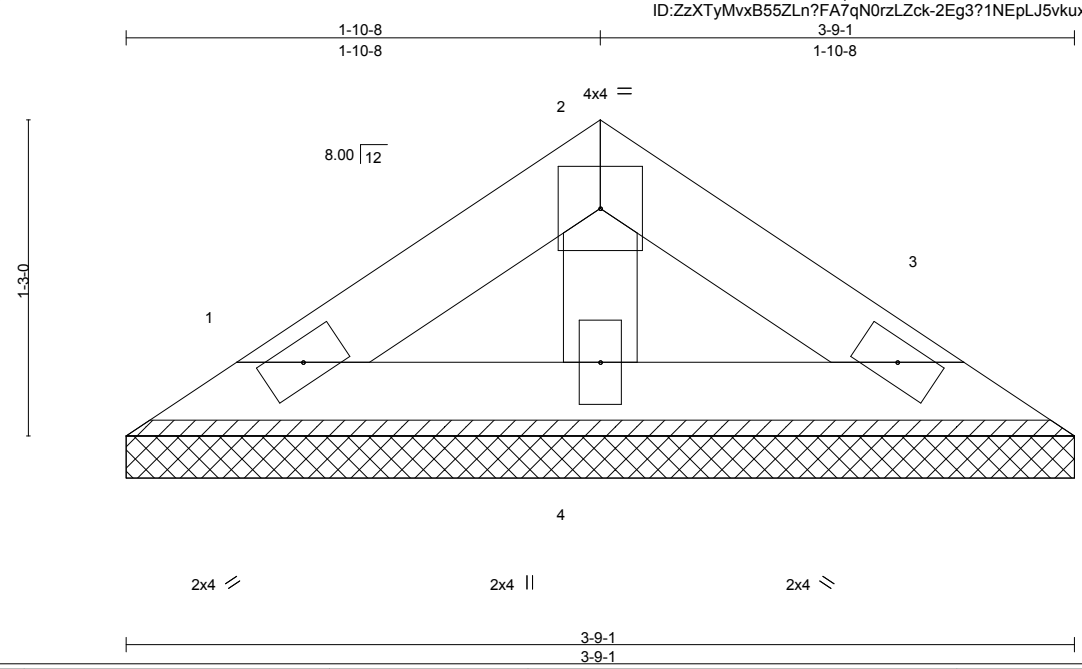


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2009/TPI2007	(Matrix)							Weight: 12 lb	FT = 20%

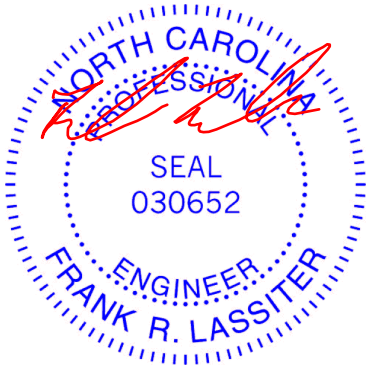
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=61/3-9-1, 3=61/3-9-1, 4=101/3-9-1
Max Horz 1=-26(LC 4)
Max Uplift 1=-10(LC 6), 3=-12(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-34/19, 2-3=-34/19
BOT CHORD 1-4=-5/13, 3-4=-5/13
WEBS 2-4=-66/27

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Interior(1) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 10 lb uplift at joint 1 and 12 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.



February 29,2016

ENGINEERING BY TRENCO
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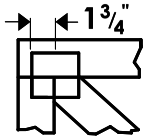
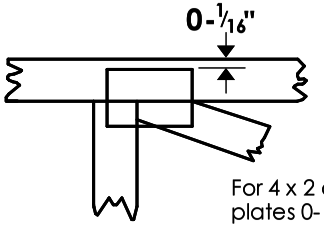
818 Soundside Road
Edenton, NC 27932

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.

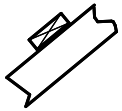
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

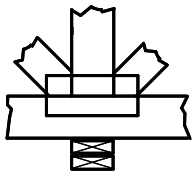
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

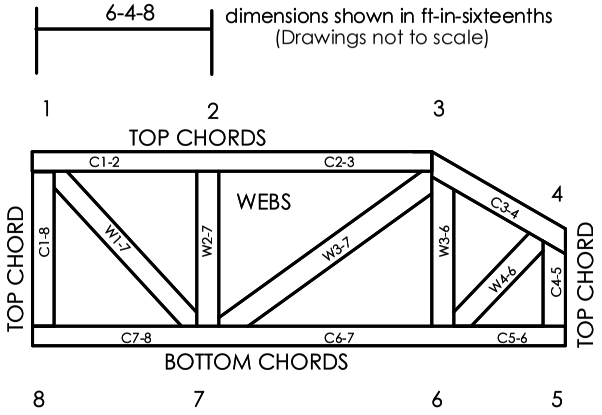


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.