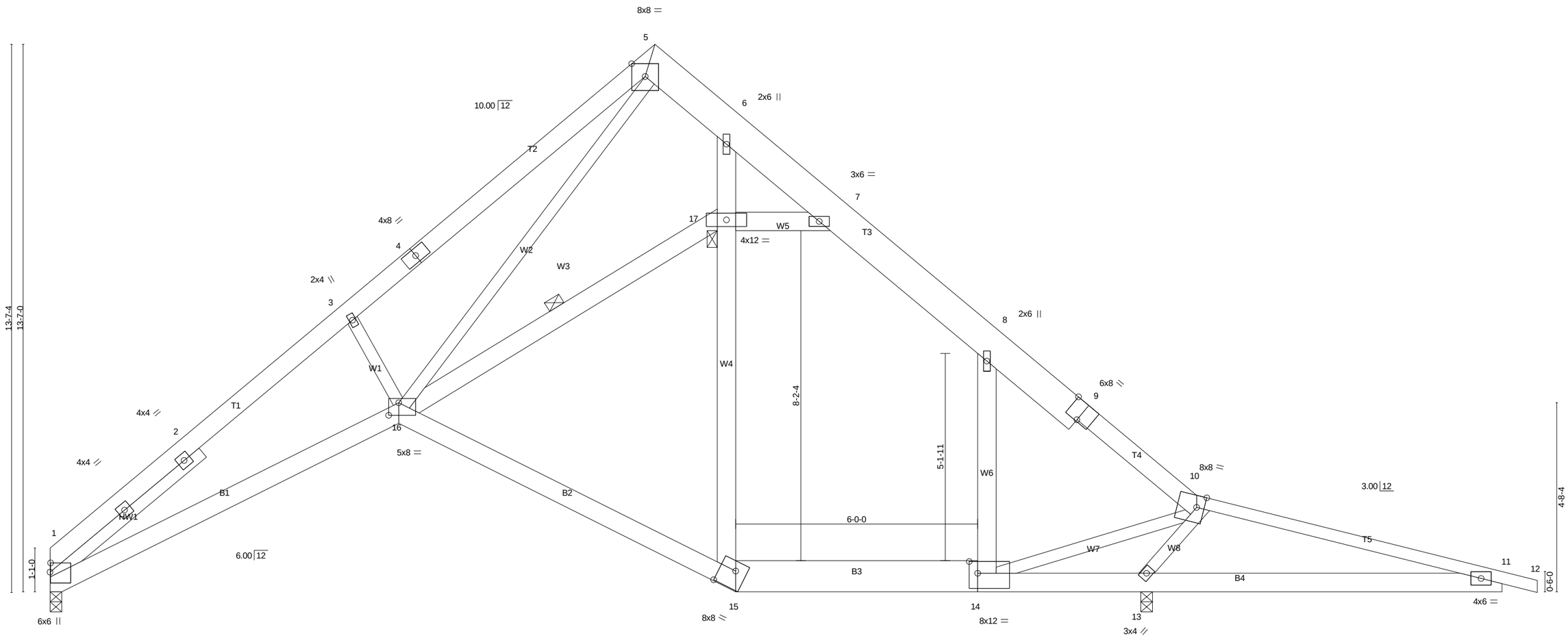
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	A1	ROOF TRUSS	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:55 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-r6P5fQwzu5swEBuDrApqGnH6gVlZ?Ip5ZhRceiybO6U

7-6-0	15-0-0	17-0-0	23-0-0	28-5-2	36-0-0	36-10-8
7-6-0	7-6-0	2-0-0	6-0-0	5-5-2	7-6-14	0-10-8

Scale = 1:29.2



8-7-12	17-0-0	23-0-0	27-2-4	36-0-0
8-7-12	8-4-4	6-0-0	4-2-4	8-9-12

Plate Offsets (X,Y)-- [1:0-2-12,0-0-3], [9:0-4-0,Edge], [10:0-2-4,Edge], [14:0-2-8,0-3-8], [15:0-4-11,0-5-4], [16:0-3-0,0-3-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.10	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.26	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.15	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI	2014	Matrix-S		Wind(LL)	0.07	16	>999	240	Weight: 324 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
T3: 2x10 SP No.1, T5: 2x4 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
B3: 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W1,W2,W8,W7: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-10-10

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-3-10 oc bracing.
WEBS 1 Row at midpt 16-17
JOINTS 1 Brace at Jt(s): 17
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=1044/0-3-8 (min. 0-1-8), 13=2374/0-3-8 (min. 0-2-13)
Max Horz 1=-313(LC 10)
Max Grav 1=1084(LC 21), 13=2389(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2871/0, 2-18=-2751/0, 3-18=-2717/1, 3-4=-2654/74, 4-19=-2579/92, 5-19=-2577/126, 5-6=-875/135, 6-20=-1169/173, 7-20=-1171/156, 7-8=-1143/0, 8-9=-789/0, 9-10=-988/0, 10-21=-1179/1308, 11-21=-1190/1248
BOT CHORD 1-16=-58/2495, 15-16=0/794, 14-15=0/695, 13-14=-2736/1505, 11-13=-1215/1197
WEBS 3-16=-355/378, 5-16=-108/1977, 10-13=-2588/515, 15-17=-66/286, 6-17=-126/364, 8-14=-1035/542, 10-14=-1075/3397, 7-17=-385/341, 16-17=-424/380

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-7 to 4-7-4, Interior(1) 4-7-4 to 14-10-9, Exterior(2) 14-10-9 to 19-3-5, Interior(1) 19-3-5 to 36-10-8 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 7-8, 8-10, 7-17; Wall dead load (5.0psf) on member(s).15-17, 8-14
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15
7) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

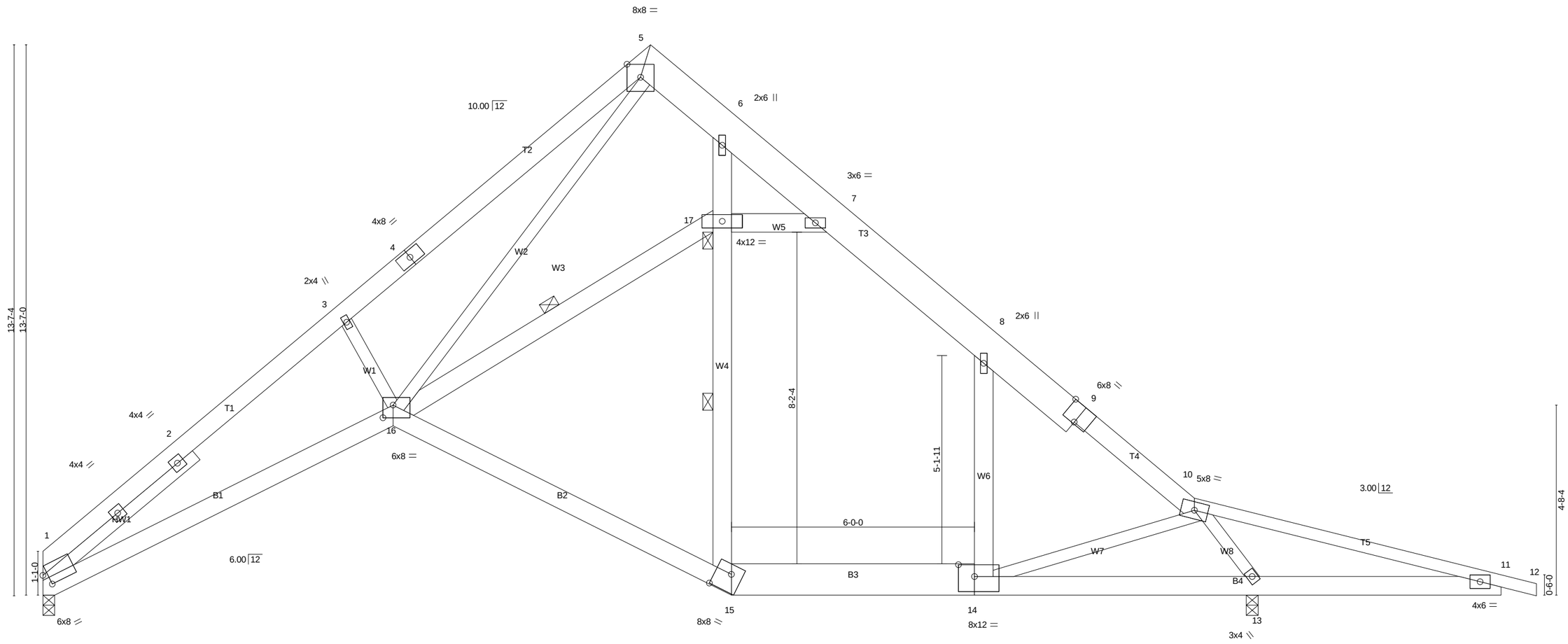
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	A2	ROOF TRUSS	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:56 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-JIzUsmxbfP_nsLTQOtK3p_qIwu4BkooEnLA9B9ybO6T

7-6-0	15-0-0	17-0-0	23-0-0	28-5-2	36-0-0	36-10-8
7-6-0	7-6-0	2-0-0	6-0-0	5-5-2	7-6-14	0-10-8

Scale = 1:29.7



8-7-12	17-0-0	23-0-0	29-10-4	36-0-0
8-7-12	8-4-4	6-0-0	6-10-4	6-1-12

Plate Offsets (X,Y)-- [1:0-1-6,0-3-9], [9:0-4-0,Edge], [14:0-4-12,0-3-8], [15:0-4-11,0-5-4], [16:0-3-0,0-3-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.61	Vert(LL)	-0.12	16	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.29	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.25	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.09	16	>999	240	Weight: 324 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
T3: 2x10 SP No.1, T5: 2x4 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
B3: 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W1,W2,W8,W7: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-10-10

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 11-13.
WEBS 1 Row at midpt 15-17, 16-17
JOINTS 1 Brace at Jt(s): 17

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

REACTIONS. (lb/size) 1=1285/0-3-8 (min. 0-1-8), 13=2130/0-3-8 (min. 0-2-8)
Max Horz 1=-313(LC 10)
Max Grav 1=1315(LC 20), 13=2144(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3559/0, 2-18=-3438/0, 3-18=-3404/21, 3-4=-3327/109, 4-19=-3256/127, 5-19=-3252/161, 5-6=-1086/162, 6-20=-903/133, 7-20=-975/116, 7-8=-1517/58, 8-9=-1610/0, 9-10=-1812/0, 10-21=-990/1074, 11-21=-1001/1010
BOT CHORD 1-16=0/3046, 15-16=0/1435, 14-15=0/1287, 13-14=0/1025, 11-13=-984/1015
WEBS 3-16=-305/364, 5-16=-29/3034, 10-13=-2419/443, 6-17=-408/111, 8-14=-146/337, 10-14=-412/541, 7-17=-822/87, 16-17=-876/106

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-7 to 4-7-4, Interior(1) 4-7-4 to 14-10-9, Exterior(2) 14-10-9 to 19-3-5, Interior(1) 19-3-5 to 36-10-8 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 7-8, 8-10, 7-17; Wall dead load (5.0psf) on member(s).15-17, 8-14
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15
7) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

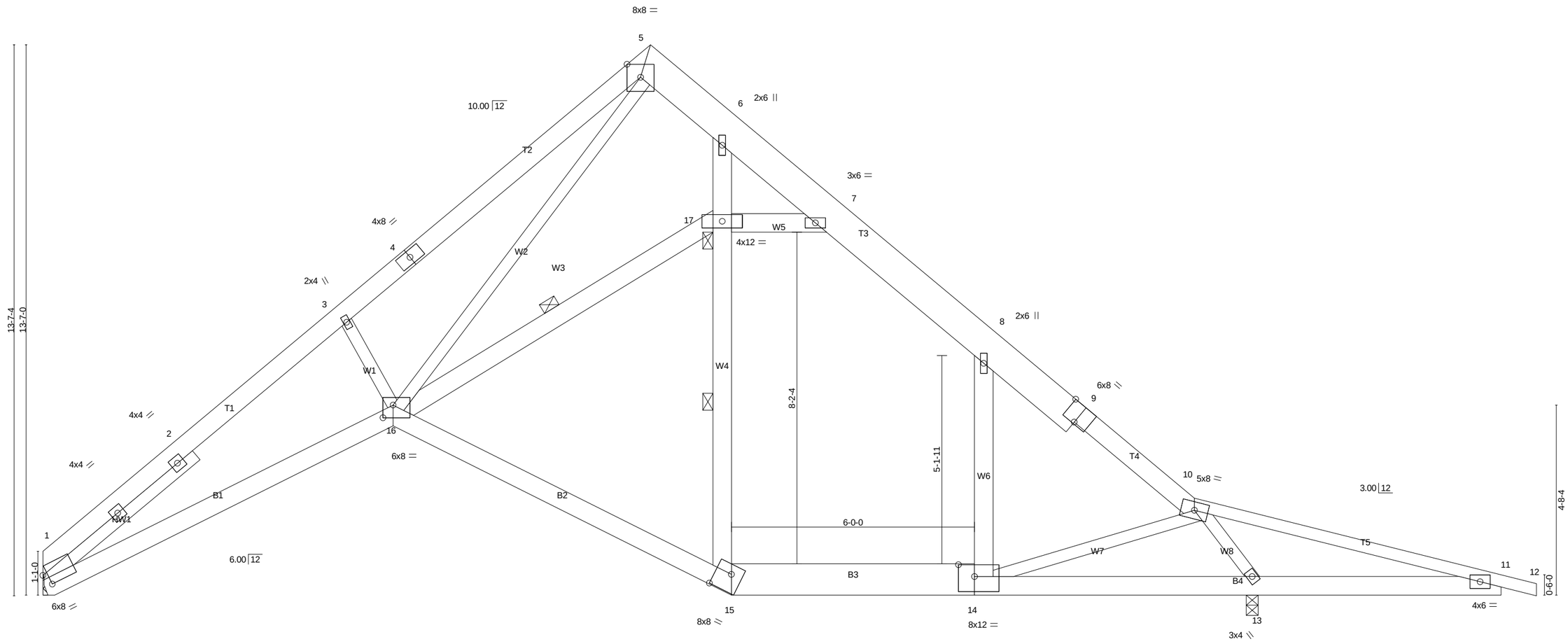
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	A2A	ROOF TRUSS	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:56 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-JIzUsmxbfP_nsLTQOtK3p_qIwu4BkooEnLA9B9ybO6T

7-6-0	15-0-0	17-0-0	23-0-0	28-5-2	36-0-0	36-10-8
7-6-0	7-6-0	2-0-0	6-0-0	5-5-2	7-6-14	0-10-8

Scale = 1:29.7



8-7-12	17-0-0	23-0-0	29-10-4	36-0-0
8-7-12	8-4-4	6-0-0	6-10-4	6-1-12

Plate Offsets (X,Y)-- [1:0-1-6,0-3-9], [9:0-4-0,Edge], [14:0-4-12,0-3-8], [15:0-4-11,0-5-4], [16:0-3-0,0-3-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.61	Vert(LL)	-0.12	16	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.29	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.25	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.09	16	>999	240	Weight: 324 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
T3: 2x10 SP No.1, T5: 2x4 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
B3: 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W1,W2,W8,W7: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-10-10

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 11-13.
WEBS 1 Row at midpt 15-17, 16-17
JOINTS 1 Brace at Jt(s): 17

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

REACTIONS. (lb/size) 1=1285/Mechanical, 13=2130/0-3-8 (min. 0-2-8)
Max Horz 1=-313(LC 10)
Max Grav 1=1315(LC 20), 13=2144(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3559/0, 2-18=-3438/0, 3-18=-3404/21, 3-4=-3327/109, 4-19=-3256/127, 5-19=-3252/161, 5-6=-1086/162, 6-20=-903/133, 7-20=-975/116, 7-8=-1517/58, 8-9=-1610/0, 9-10=-1812/0, 10-21=-990/1074, 11-21=-1001/1010
BOT CHORD 1-16=0/3046, 15-16=0/1435, 14-15=0/1287, 13-14=0/1025, 11-13=-984/1015
WEBS 3-16=-305/364, 5-16=-29/3034, 10-13=-2419/443, 6-17=-408/111, 8-14=-146/337, 10-14=-412/541, 7-17=-822/87, 16-17=-876/106

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-7 to 4-7-4, Interior(1) 4-7-4 to 14-10-9, Exterior(2) 14-10-9 to 19-3-5, Interior(1) 19-3-5 to 36-10-8 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 7-8, 8-10, 7-17; Wall dead load (5.0psf) on member(s).15-17, 8-14
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-15
7) Refer to girder(s) for truss to truss connections.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	A3	ROOF TRUSS	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:57 2023 Page 1
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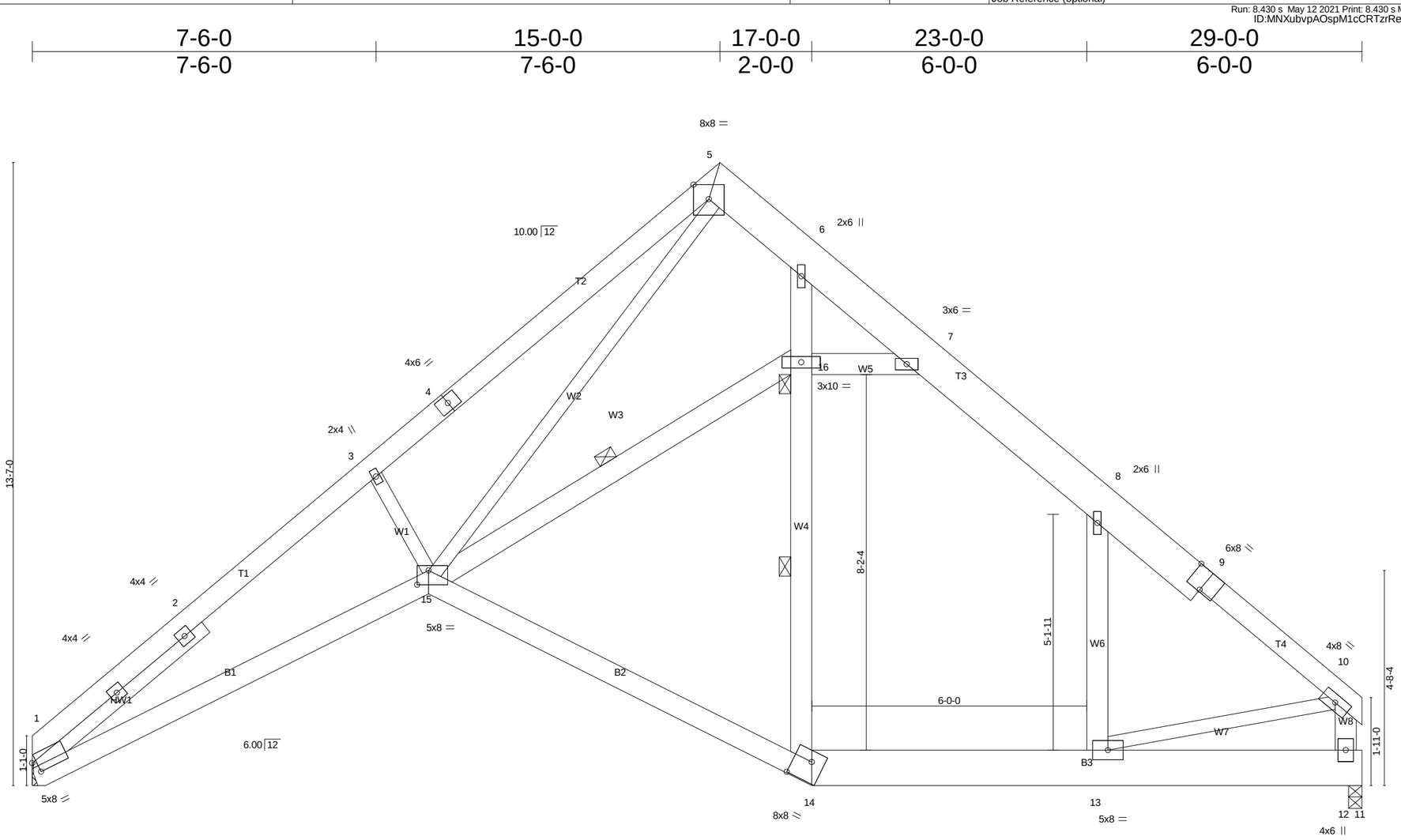

8-7-12	17-0-0	23-0-0	29-0-0
8-7-12	8-4-4	6-0-0	6-0-0

Plate Offsets (X,Y)-- [1:0-1-2,0-3-1], [9:0-4-0,Edge], [14:0-4-11,0-5-4], [15:0-3-0,0-3-12]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**	**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC 0.53	Vert(LL)	-0.11	15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC 0.39	Vert(CT)	-0.26	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB 0.61	Horz(CT)	0.23	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL)	0.09	15	>999	240	Weight: 304 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
T3: 2x10 SP No.1
BOT CHORD 2x6 SP No.1 *Except*
B3: 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W1,W2,W7: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-10-10

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 14-16, 15-16
JOINTS 1 Brace at Jt(s): 16
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=1262/Mechanical, 12=1422/0-3-8 (min. 0-1-14)
Max Horz 1=309(LC 9)
Max Grav 1=1275(LC 20), 12=1576(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3425/203, 2-17=-3304/212, 3-17=-3270/241, 3-4=-3196/325, 4-18=-3123/343, 5-18=-3121/377, 5-6=-1037/243, 6-19=-972/107, 7-19=-1044/87, 7-8=-1459/161, 8-20=-1447/0, 9-20=-1460/0, 9-10=-1602/0, 10-12=-1385/7
BOT CHORD 1-15=-117/2923, 14-15=0/1293, 13-14=0/1155, 12-13=-66/256
WEBS 3-15=-312/343, 5-15=-314/2799, 8-13=-272/201, 10-13=0/983, 7-16=-594/135, 15-16=-634/155

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-7 to 4-7-4, Interior(1) 4-7-4 to 14-10-9, Exterior(2) 14-10-9 to 19-3-5, Interior(1) 19-3-5 to 28-7-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 7-8, 7-16; Wall dead load (5.0psf) on member(s).14-16, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-14
7) Refer to girder(s) for truss to truss connections.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	A3A	ROOF TRUSS	1	2	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:57 2023 Page 1
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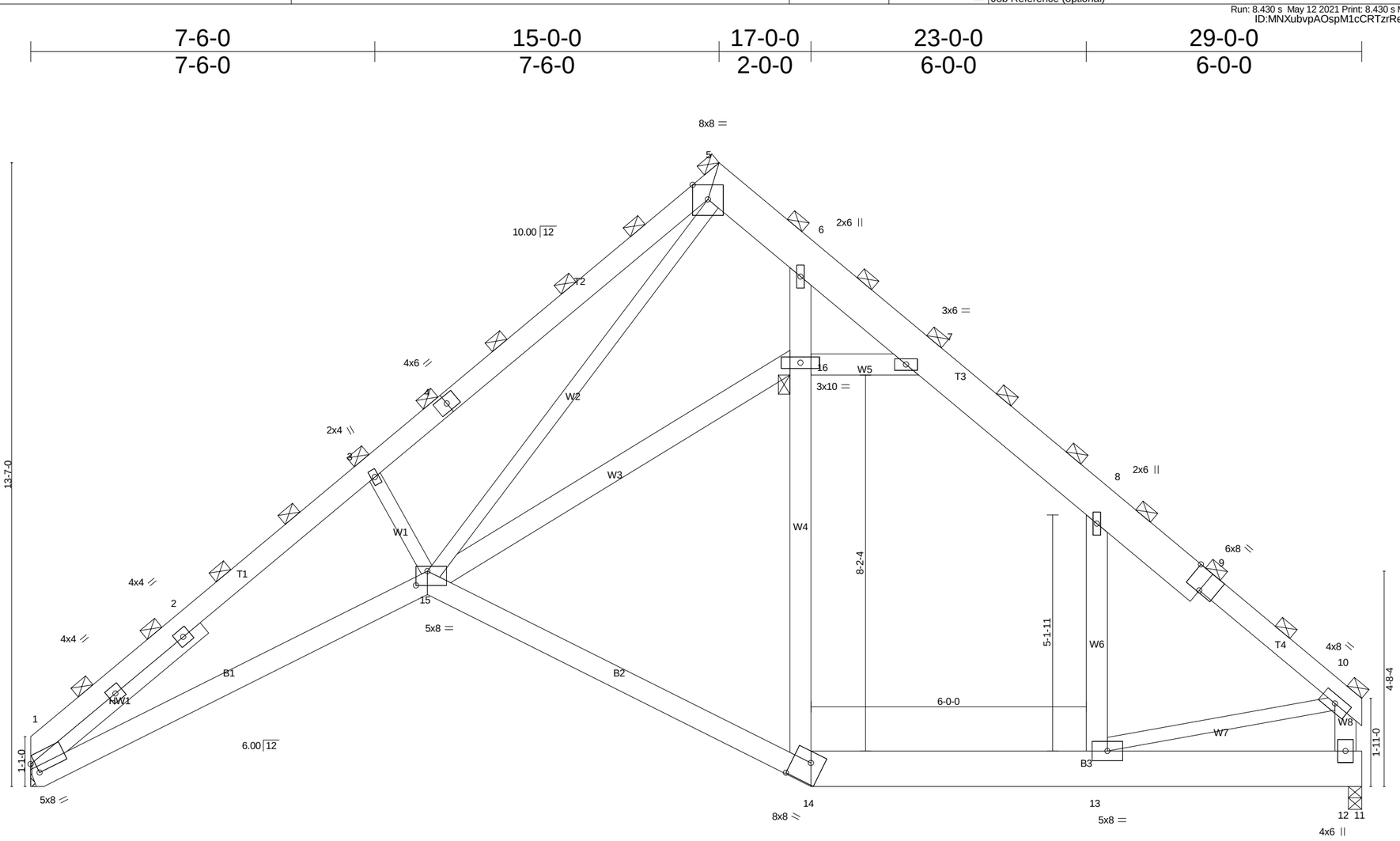


Plate Offsets (X,Y)-- [1:0-1-2,0-3-1], [9:0-4-0,Edge], [14:0-4-11,0-5-4], [15:0-3-0,0-3-12]

LOADING (psf)		**SPACING-** 4-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL 20.0		Plate Grip DOL 1.15	TC 0.64		Vert(LL)	-0.11	15	>999	360	MT20	244/190
TCDL 10.0		Lumber DOL 1.15	BC 0.42		Vert(CT)	-0.26	14-15	>999	240		
BCLL 0.0	*	Rep Stress Incr NO	WB 0.61		Horz(CT)	0.23	12	n/a	n/a		
BCDL 10.0		Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.09	15	>999	240	Weight: 609 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except* T3: 2x10 SP No.1
BOT CHORD 2x6 SP No.1 *Except* B3: 2x10 SP No.1
WEBS 2x6 SP No.1 *Except* W1,W2,W7: 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-10-10

BRACING-
TOP CHORD 2-0-0 oc purlins (5-8-12 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 5, 10, 16

REACTIONS. (lb/size) 1=2524/Mechanical, 12=2843/0-3-8 (min. 0-1-14)
Max Horz 1=618(LC 9)
Max Grav 1=2550(LC 20), 12=3152(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-6850/406, 2-17=-6608/424, 3-17=-6540/483, 3-4=-6391/650, 4-18=-6247/686, 5-18=-6241/754, 5-6=-2074/485, 6-19=-1944/214, 7-19=-2087/175, 7-8=-2919/322, 8-20=-2894/0, 9-20=-2921/0, 9-10=-3204/0, 10-12=-2770/14
BOT CHORD 1-15=-235/5847, 14-15=0/2585, 13-14=0/2311, 12-13=-132/512
WEBS 3-15=-623/686, 5-15=-629/5599, 14-16=-286/425, 6-16=-409/400, 8-13=-544/401, 10-13=0/1966, 7-16=-1187/271, 15-16=-1268/310

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, 2x10 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x10 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered 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 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-7 to 4-7-4, Interior(1) 4-7-4 to 14-10-9, Exterior(2) 14-10-9 to 19-3-5, Interior(1) 19-3-5 to 28-7-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (10.0 psf) on member(s). 7-8, 7-16; Wall dead load (5.0psf) on member(s).14-16, 8-13
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-14
9) Refer to girder(s) for truss to truss connections.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

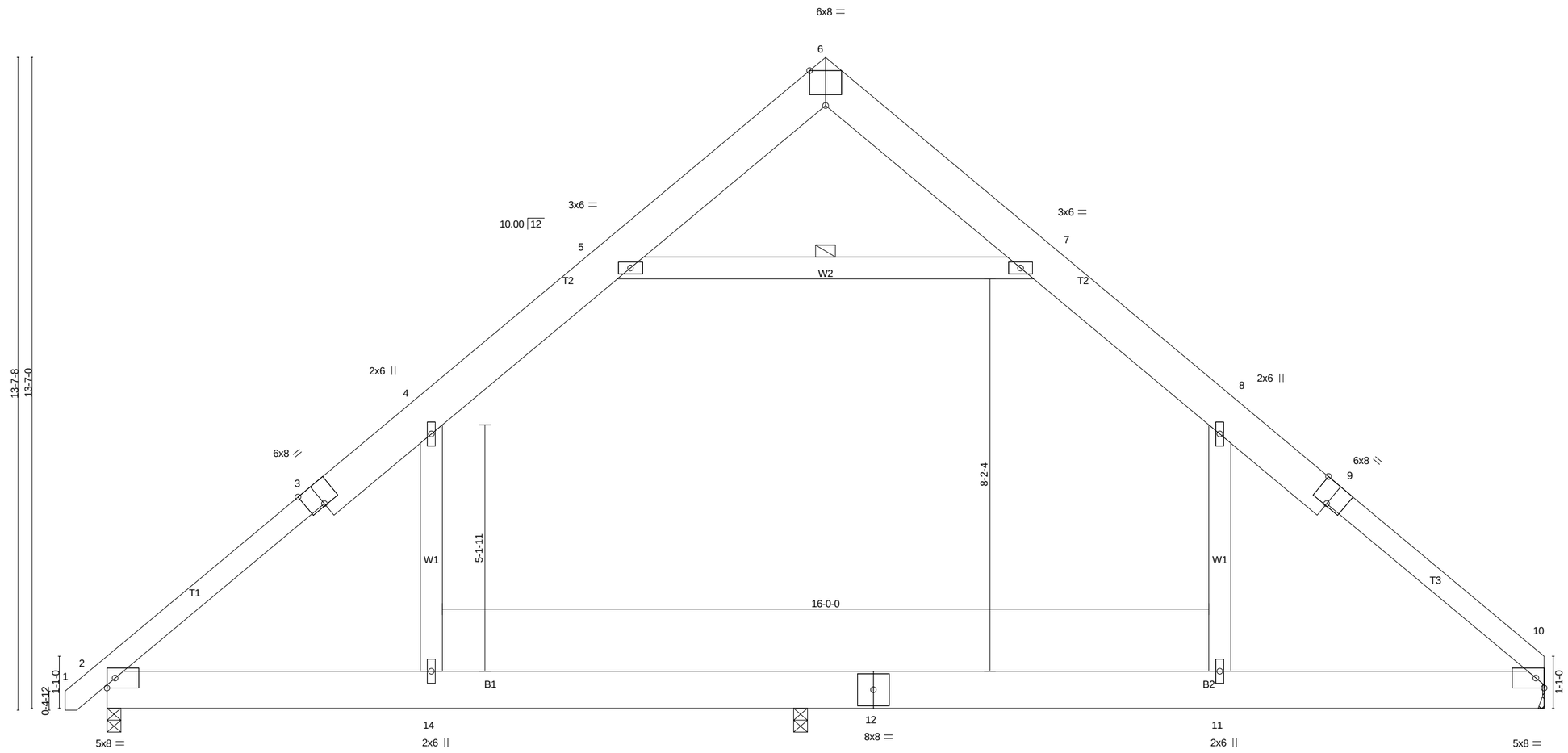
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B1	ATTIC	6	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:58 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-Fh5EHRzsA0EU5fcoWIMXuPvgeijvCmAXFffGF1ybO6R

-0-10-8	6-9-4	10-11-2	15-0-0	19-0-14	23-2-12	30-0-0
0-10-8	6-9-4	4-1-14	4-0-14	4-0-14	4-1-14	6-9-4

Scale = 1:28.9



6-9-4	14-4-0	23-2-12	30-0-0
6-9-4	7-6-12	8-10-12	6-9-4

Plate Offsets (X,Y)-- [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,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	0.41	Vert(LL)	-0.13	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.21	11-13	>904	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.12	11	>999	240	Weight: 302 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

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

REACTIONS. (lb/size) 2=1301/0-3-8 (min. 0-1-10), 10=1268/Mechanical, 13=644/0-3-8 (min. 0-1-11)
Max Horz 2=308(LC 9)
Max Grav 2=1357(LC 20), 10=1360(LC 21), 13=1406(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-1705/14, 3-15=-1584/16, 3-4=-1500/44, 4-5=-1252/220, 7-8=-1228/226, 8-9=-1481/29, 9-10=-1687/0
BOT CHORD 2-14=0/1153, 13-14=0/1154, 12-13=0/1154, 11-12=0/1154, 10-11=0/1153
WEBS 5-7=-1310/271, 4-14=-41/376, 8-11=-27/405

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 15-0-0, Exterior(2) 15-0-0 to 19-7-2, Interior(1) 19-7-2 to 29-11-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-14, 8-11
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-14, 11-13
7) Refer to girder(s) for truss to truss connections.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B1GE	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:59 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-jtfcUnzUxKMLjpB?4?umRcStG65PxFqgUJPpnTybO6Q

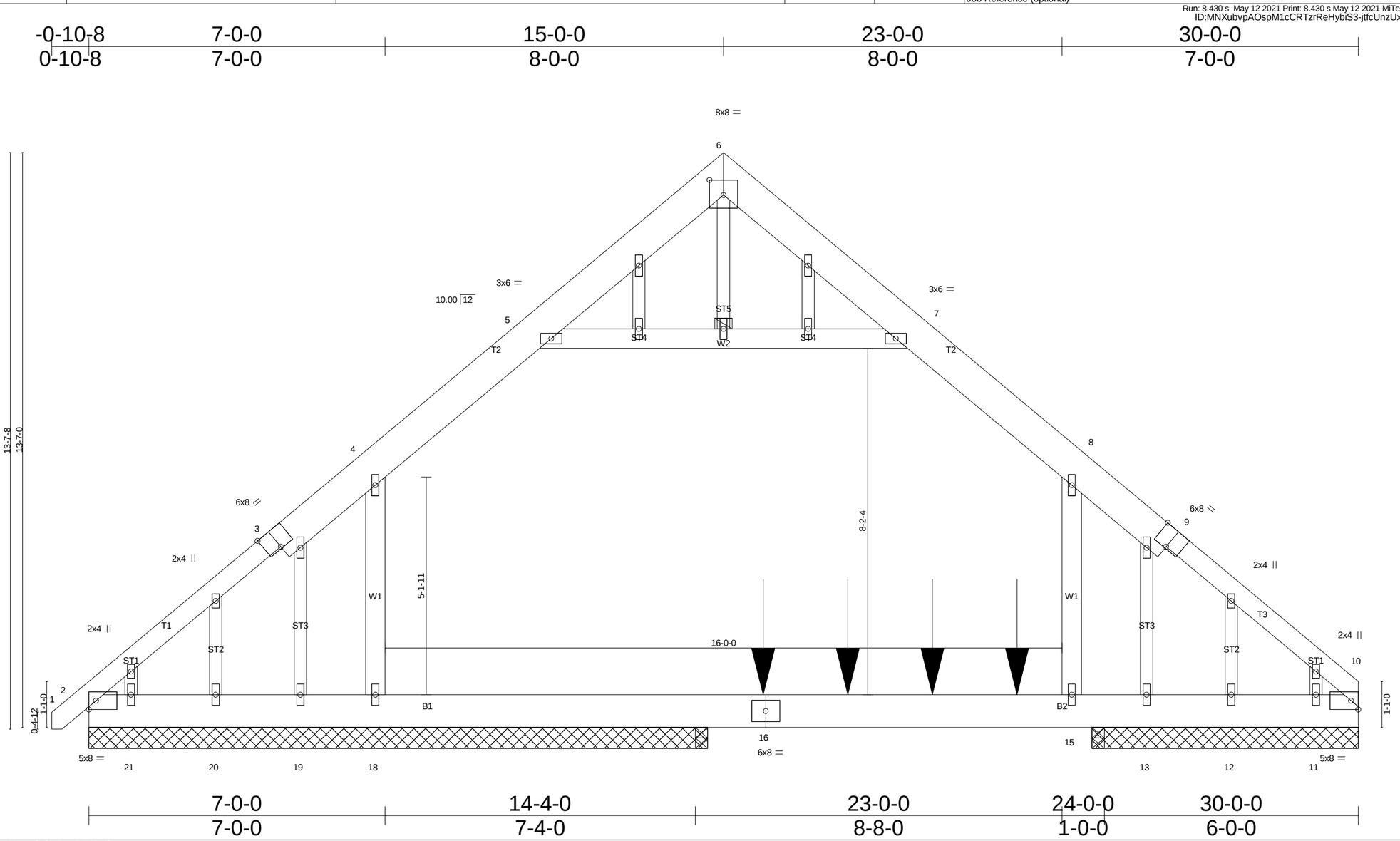


Plate Offsets (X,Y)-- [3:0-4-0,Edge], [6:0-4-0,0-4-4], [9:0-4-0,Edge]

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	0.29	Vert(LL)	-0.02	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.04	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.01	15-17	>999	240	Weight: 331 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

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

REACTIONS. All bearings 14-7-8 except (jt=length) 13=6-3-8, 12=6-3-8, 11=6-3-8, 10=6-3-8, 17=0-3-8, 14=0-3-8.
(lb) - Max Horz 2=385(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) except 18=-288(LC 28), 19=-299(LC 14), 21=-308(LC 8), 13=-1317(LC 35), 11=-159(LC 29), 14=-560(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 20, 21, 13, 12, 11 except 2=621(LC 35), 18=1249(LC 16), 10=607(LC 34), 17=1106(LC 14), 14=2350(LC 35)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-869/30, 3-4=-722/44, 4-5=-817/151, 5-6=-313/127, 6-7=-321/138, 7-8=-819/150, 8-9=-660/30, 9-10=-856/17
BOT CHORD 2-21=-6/597, 20-21=-6/597, 19-20=-6/597, 18-19=-6/597, 17-18=-6/595, 16-17=-6/595, 16-33=-6/595, 33-34=-6/595, 34-35=-6/595, 15-35=-6/595, 14-15=-5/596, 13-14=-5/596, 12-13=-5/596, 11-12=-5/596, 10-11=-5/596
WEBS 4-18=-622/450, 8-15=-632/479, 5-7=-317/124

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; 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 2x6 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-18, 8-15
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-18, 15-17
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 288 lb uplift at joint 18, 299 lb uplift at joint 19, 308 lb uplift at joint 21, 1317 lb uplift at joint 13, 159 lb uplift at joint 11 and 560 lb uplift at joint 14.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 44 lb down and 41 lb up at 15-11-4, 44 lb down and 41 lb up at 17-11-4, and 44 lb down and 41 lb up at 19-11-4, and 44 lb down and 41 lb up at 21-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
14) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-60, 4-5=-80, 5-6=-60, 6-7=-60, 7-8=-80, 8-10=-60, 2-18=-20, 15-18=-40, 10-15=-20, 5-7=-20
Drag: 4-18=-10, 8-15=-10
Concentrated Loads (lb)
Vert: 16=-39 33=-39 34=-39 35=-39

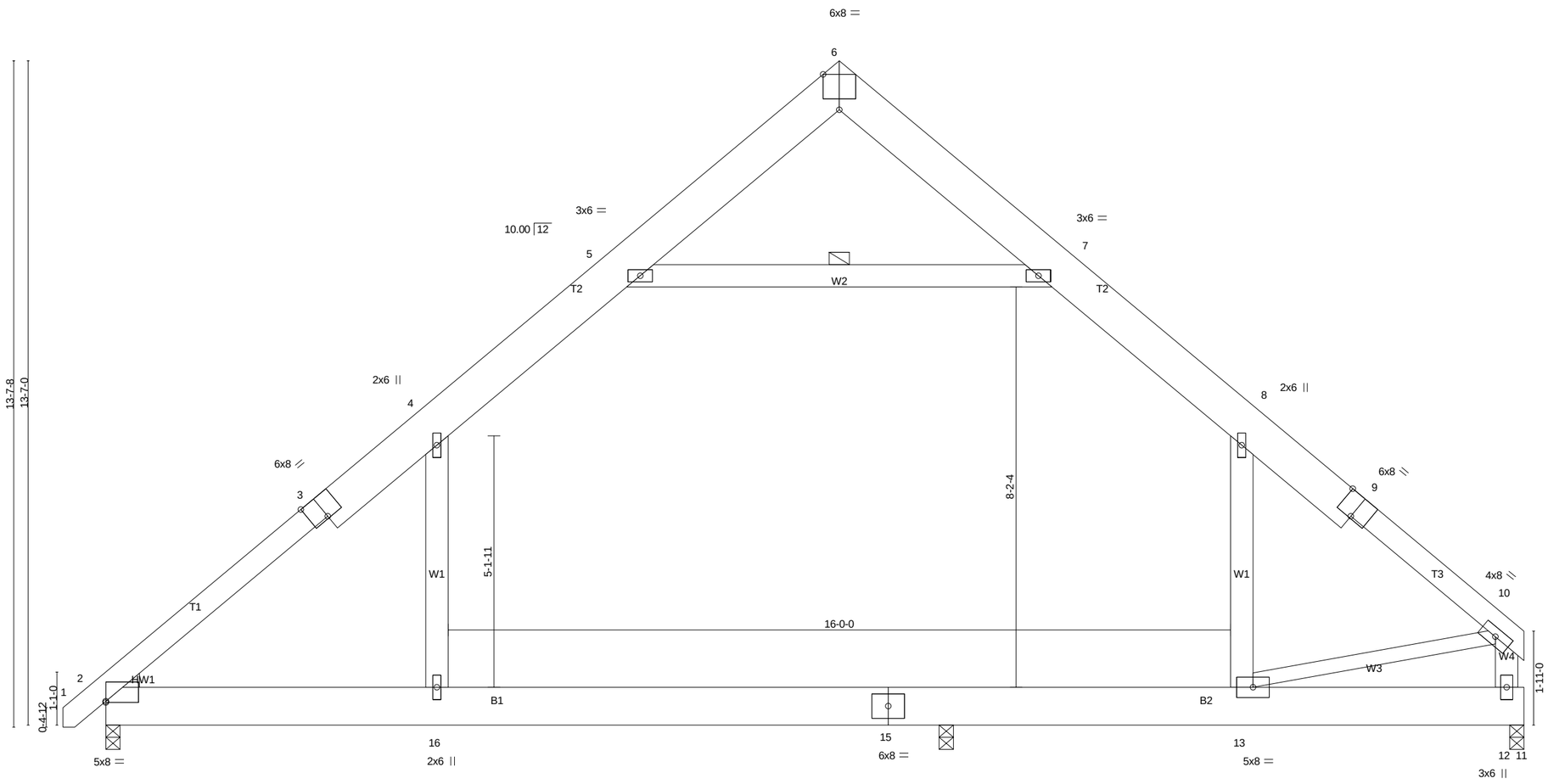
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B2	ROOF TRUSS	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:02:59 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-jtfcUnzUxKMLjpB?4?umRcSpC62AxDbgUJPpnTybO6Q

-0-10-8	7-0-0	15-0-0	23-0-0	29-0-0
0-10-8	7-0-0	8-0-0	8-0-0	6-0-0

Scale = 1:29.8



7-0-0	17-2-4	23-0-0	29-0-0
7-0-0	10-2-4	5-9-12	6-0-0

Plate Offsets (X,Y)-- [2:0-0-0,0-0-5], [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,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 0.55	Vert(LL) -0.20 14-16 >999 360	MT20 244/190
TCDL 10.0		Lumber DOL 1.15	BC 0.63	Vert(CT) -0.33 14-16 >614 240	
BCLL 0.0	*	Rep Stress Incr YES	WB 0.33	Horz(CT) 0.01 12 n/a n/a	
BCDL 10.0		Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.12 14-16 >999 240	Weight: 306 lb FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except* W3: 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

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

REACTIONS. (lb/size) 2=1340/0-3-8 (min. 0-1-12), 12=1213/0-3-8 (min. 0-1-8), 14=564/0-3-8 (min. 0-1-9)
Max Horz 2=306(LC 9)
Max Grav 2=1479(LC 20), 12=1257(LC 20), 14=1339(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-1678/0, 3-17=-1532/0, 3-4=-1464/28, 4-5=-1148/221, 7-8=-1259/213, 8-18=-1394/47, 9-18=-1395/34, 9-10=-1533/31, 10-12=-1332/69
BOT CHORD 2-16=0/1142, 15-16=0/1143, 14-15=0/1143, 13-14=0/1143
WEBS 4-16=0/549, 10-13=0/1136, 5-7=-1219/244

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 15-0-0, Exterior(2) 15-0-0 to 19-7-2, Interior(1) 19-7-2 to 28-7-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-16, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-16, 13-14
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

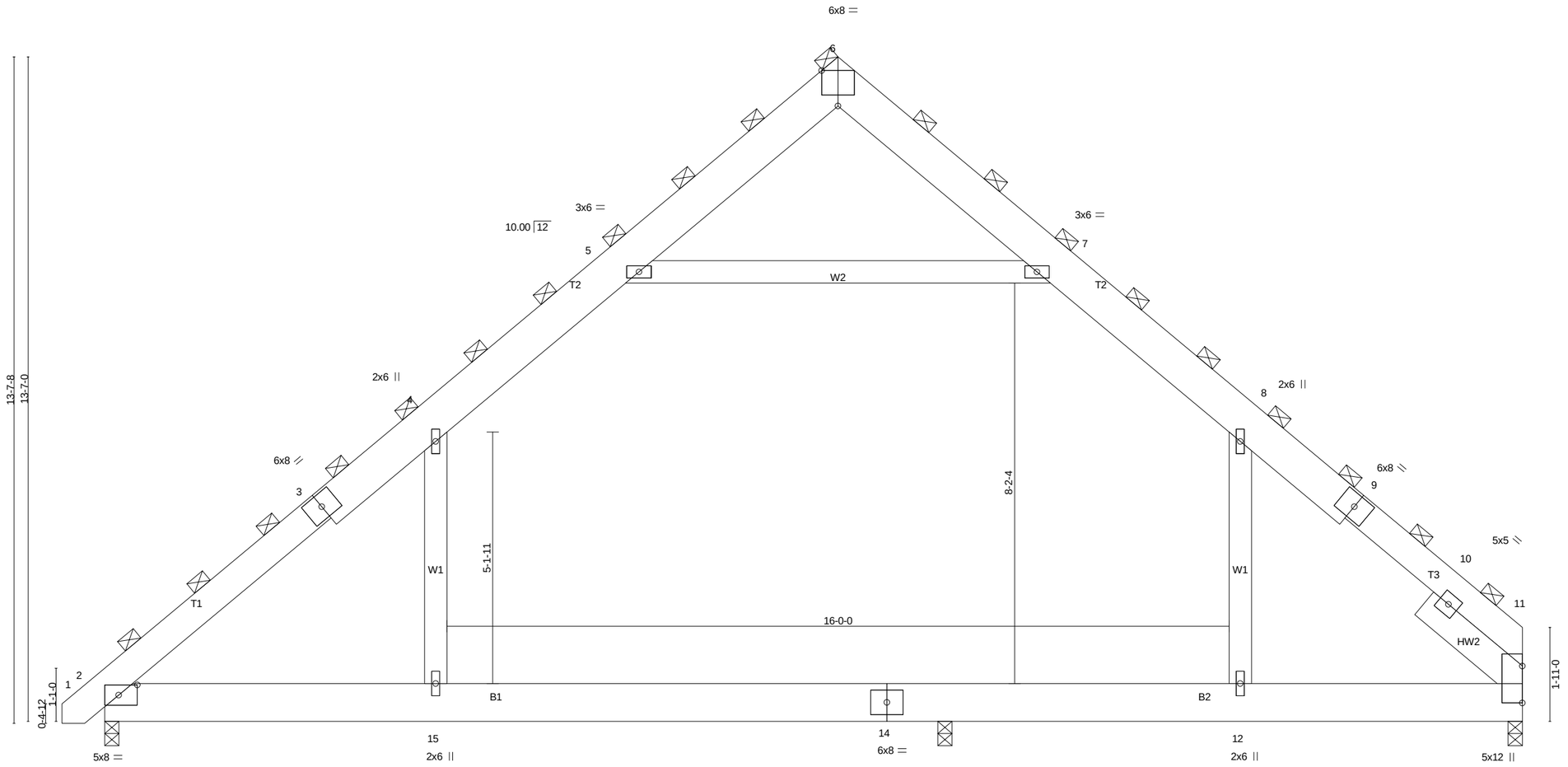
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B2A	ROOF TRUSS	2	2	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:00 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-C4D_i7_6ieUCLzmBdjP?zq_xgWKzgeuqiz8NKwybO6P

-0-10-8	7-0-0	15-0-0	23-0-0	29-0-0
0-10-8	7-0-0	8-0-0	8-0-0	6-0-0

Scale = 1:28.9



7-0-0	17-2-4	23-0-0	29-0-0
7-0-0	10-2-4	5-9-12	6-0-0

Plate Offsets (X,Y)-- [2:0-4-9,0-2-8], [6:0-4-0,Edge]

LOADING (psf)		SPACING-	5-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.24	13-15	>863	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.40	13-15	>516	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.46	Horz(CT)	0.02	11	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.14	13-15	>999	240	Weight: 624 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except*
T1,T3: 2x8 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1
SLIDER Right 2x8 SP No.1 -x 2-7-2

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.)
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=3381/0-3-8 (min. 0-2-3), 11=3067/0-3-8 (min. 0-1-14), 13=1379/0-3-8 (min. 0-1-15)
Max Horz 2=770(LC 9)
Max Grav 2=3732(LC 20), 11=3163(LC 20), 13=3322(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-4303/23, 3-16=-3937/32, 3-4=-3782/99, 4-5=-2946/575, 5-6=-408/388, 6-7=-509/240, 7-8=-3214/558, 8-17=-3880/143, 9-17=-4009/112, 9-10=-4166/102, 10-11=-4297/121
BOT CHORD 2-15=0/2928, 14-15=0/2931, 13-14=0/2931, 12-13=0/2931, 11-12=0/2928
WEBS 4-15=0/1414, 8-12=-200/987, 5-7=-3071/643

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x10 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x10 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x6 - 2 rows staggered 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 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-11 to 3-9-2, Interior(1) 3-9-2 to 15-0-0, Exterior(2) 15-0-0 to 19-7-2, Interior(1) 19-7-2 to 29-0-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-15, 8-12
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15, 12-13
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

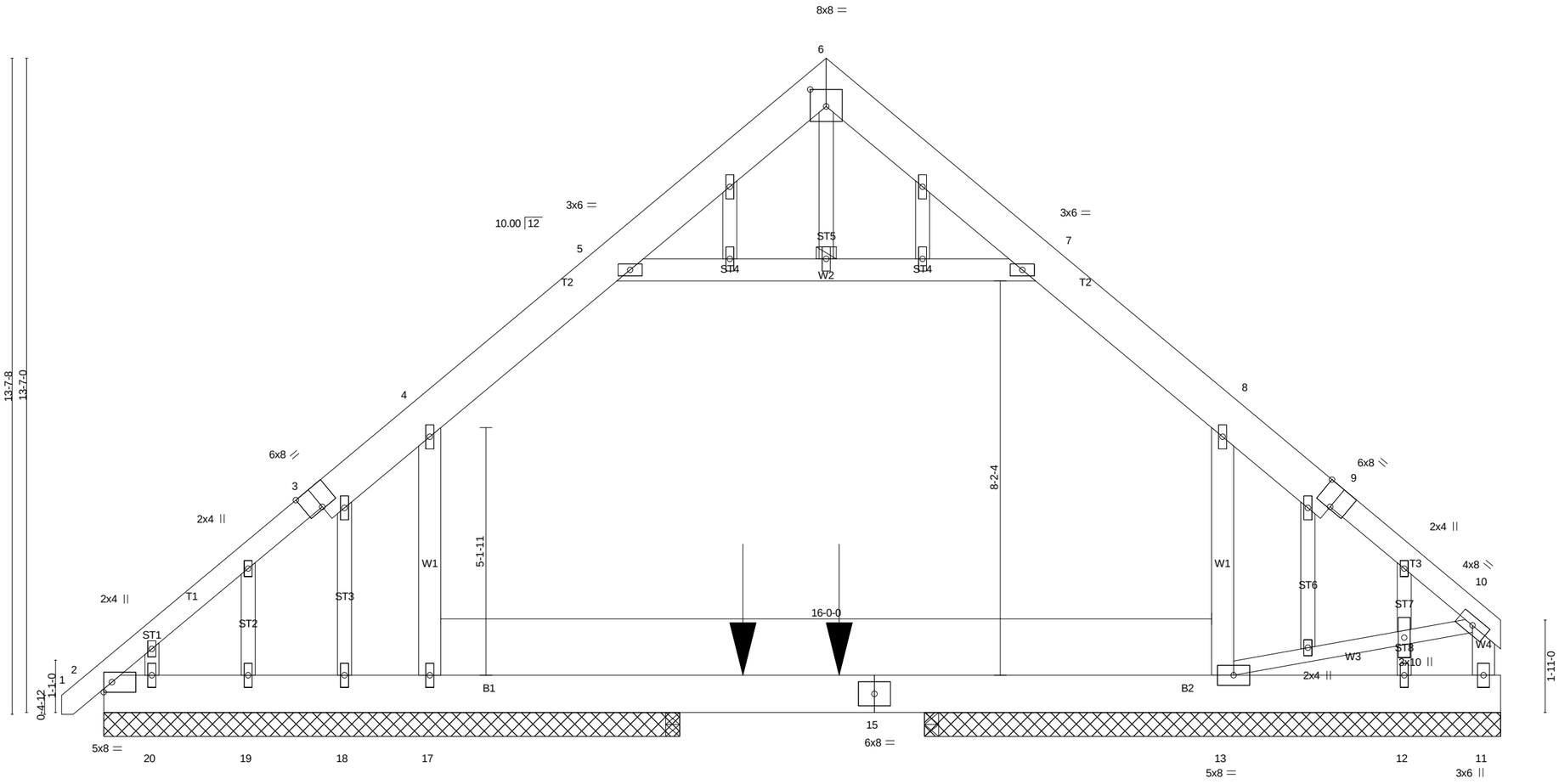
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B2GE	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:01 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-gGmNvT?kTxc3y6LNBQwEW1XF_vreP9LzxduwsMybO6O

-0-10-8	7-0-0	15-0-0	23-0-0	29-0-0
0-10-8	7-0-0	8-0-0	8-0-0	6-0-0

Scale = 1:30.3



7-0-0	11-8-0	17-2-4	23-0-0	29-0-0
7-0-0	4-8-0	5-6-4	5-9-12	6-0-0

Plate Offsets (X,Y)-- [3:0-4-0,Edge], [6:0-4-0,0-4-4], [9:0-4-0,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	0.14	Vert(LL)	-0.01	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	-0.01	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S		Wind(LL)	0.00	14-16	>999	240	Weight: 332 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except* W3: 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7

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

REACTIONS. All bearings 11-11-8 except (jt=length) 14=0-3-8, 14=0-3-8, 16=0-3-8.
(lb) - Max Horz 2=380(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 2, 11, 12 except 17=-320(LC 28), 13=-305(LC 29), 18=-116(LC 14), 20=-303(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 18, 19, 20, 12 except 2=618(LC 17), 17=1020(LC 16), 13=942(LC 17), 11=761(LC 16), 14=748(LC 14), 14=309(LC 1), 16=657(LC 14)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-864/53, 3-4=-668/66, 4-5=-815/176, 5-6=-322/135, 6-7=-326/135, 7-8=-815/157, 8-9=-620/39, 9-10=-770/18, 10-11=-666/30
BOT CHORD 2-20=0/566, 19-20=0/566, 18-19=0/566, 17-18=0/566, 16-17=0/564, 16-33=0/564, 33-34=0/564, 15-34=0/564, 14-15=0/564, 13-14=0/564
WEBS 4-17=-635/440, 8-13=-611/375, 10-13=0/522, 5-7=-306/145

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; 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 2x6 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-17, 8-13
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-17, 14-16, 13-14
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11, 12 except (jt=lb) 17=320, 13=305, 18=116, 20=303.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 72 lb down and 51 lb up at 13-3-4, and 72 lb down and 51 lb up at 15-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-60, 4-5=-80, 5-6=-60, 6-7=-60, 7-8=-80, 8-10=-60, 2-17=-20, 13-17=-40, 11-13=-20, 5-7=-20
Drag: 4-17=-10, 8-13=-10
Concentrated Loads (lb)
Vert: 33=-68 34=-68

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	B3	ROOF TRUSS	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:02 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-8SKI7p0MEFkwaGwal8RT2F4FBJ7H8bu7AHdTOoybO6N

-0-10-8 7-0-0 15-0-0 17-4-0
0-10-8 7-0-0 8-0-0 2-4-0

Scale = 1:29.1

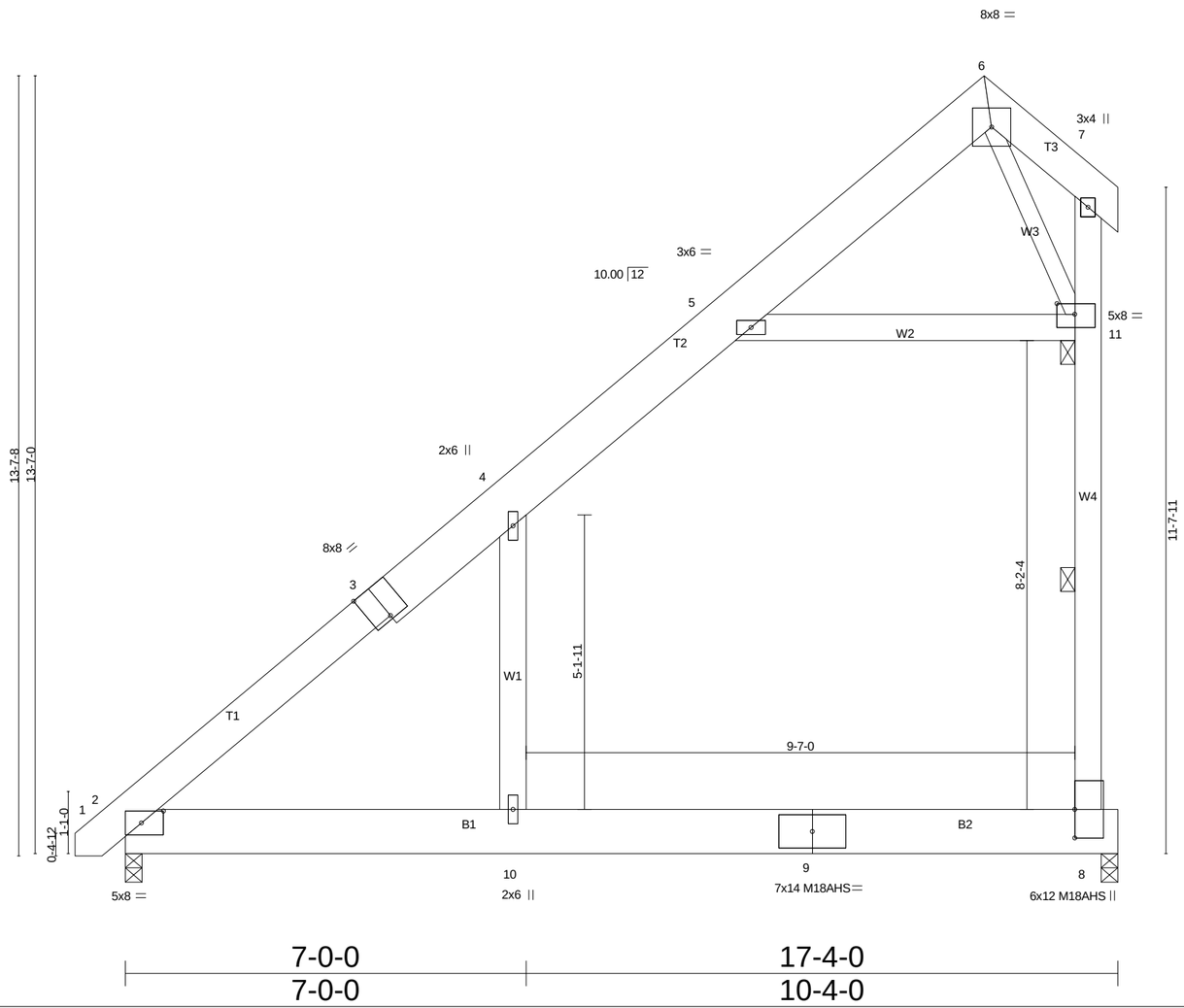


Plate Offsets (X,Y)-- [2:0-4-9,0-2-8], [3:0-4-0,Edge], [8:0-6-0,0-0-0], [11:0-3-12,0-2-4]

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	0.88	Vert(LL)	-0.27	8-10	>754	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.41	Vert(CT)	-0.53	8-10	>376	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.22	8-10	>928	240	Weight: 212 lb	FT = 20%

LUMBER-
TOP CHORD 2x8 SP No.1 *Except*
T2: 2x10 SP 2400F 2.0E
BOT CHORD 2x10 SP 2400F 2.0E
WEBS 2x6 SP No.1 *Except*
W3: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 8-11
JOINTS 1 Brace at Jt(s): 11

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

REACTIONS. (lb/size) 8=969/0-3-8 (min. 0-1-8), 2=871/0-3-8 (min. 0-1-8)
Max Horz 2=391(LC 12)
Max Grav 8=1430(LC 20), 2=995(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-726/283, 3-12=-694/293, 3-4=-687/323, 4-5=-364/194, 5-6=-67/290, 6-7=-101/707, 8-11=-659/224, 7-11=-84/497
BOT CHORD 2-10=-192/314, 9-10=-191/313, 8-9=-191/313
WEBS 4-10=-402/472, 5-11=-292/117, 6-11=-1149/382

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-11 to 3-9-2, Interior(1) 3-9-2 to 15-0-12, Exterior(2) 15-0-12 to 16-9-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Ceiling dead load (10.0 psf) on member(s). 4-5, 5-11; Wall dead load (5.0psf) on member(s).4-10
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 8-10
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

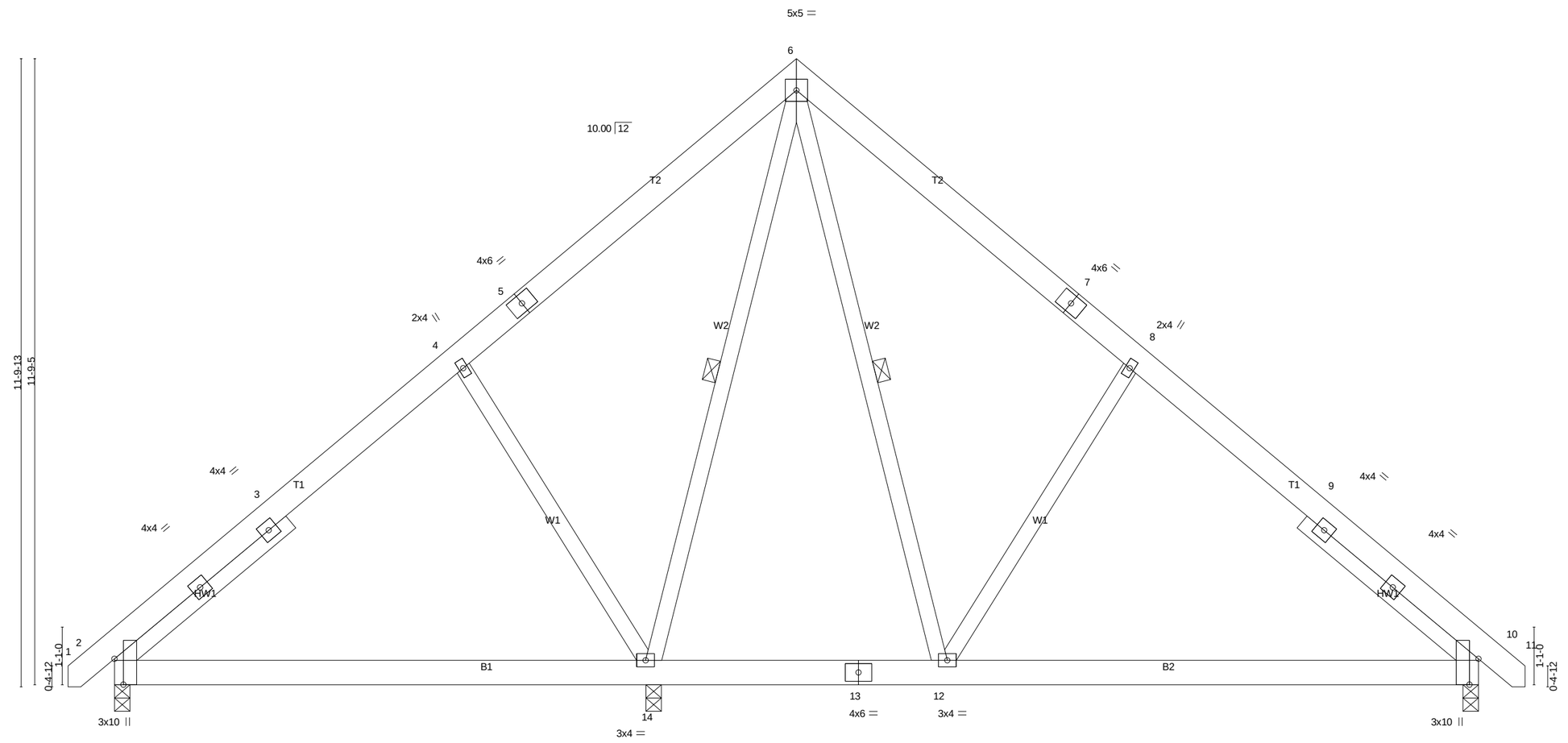
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	C1	COMMON	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:02 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-8SKI7p0MEFkwaGwal8RT2F4QDJ8x8ZS7AHdTOoybO6N

-0-10-8	6-6-12	12-10-0	19-1-4	25-8-0	26-6-8
0-10-8	6-6-12	6-3-4	6-3-4	6-6-12	0-10-8

Scale = 1:26.0



10-1-12	15-6-4	19-1-4	25-8-0
10-1-12	5-4-8	3-7-0	6-6-12

Plate Offsets (X,Y)-- [2:0-5-13,Edge], [10:0-5-13,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	0.18	Vert(LL)	-0.10	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.18	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.12	10-12	>999	240	Weight: 209 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 -x 4-2-9, Right 2x4 SP No.2 -x 4-2-9

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-14, 6-12

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

REACTIONS. (lb/size) 2=561/0-3-8 (min. 0-1-8), 14=841/0-3-8 (min. 0-1-8), 10=741/0-3-8 (min. 0-1-8)
Max Horz 2=-271(LC 10)
Max Uplift2=-37(LC 13), 14=-69(LC 9), 10=-132(LC 8)
Max Grav 2=573(LC 20), 14=992(LC 2), 10=777(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-509/229, 3-15=-424/235, 4-15=-406/261, 4-5=-388/306, 5-16=-362/316, 6-16=-342/350, 6-17=-555/623, 7-17=-574/589, 7-8=-606/579, 8-18=-658/532, 9-18=-676/506, 9-10=-760/491
BOT CHORD 2-19=-142/412, 19-20=-142/412, 14-20=-142/412, 14-21=-57/311, 13-21=-57/311, 13-22=-57/311, 12-22=-57/311, 12-23=-270/519, 23-24=-270/519, 10-24=-270/519
WEBS 4-14=-468/291, 6-14=-408/234, 8-12=-449/305, 6-12=-668/576

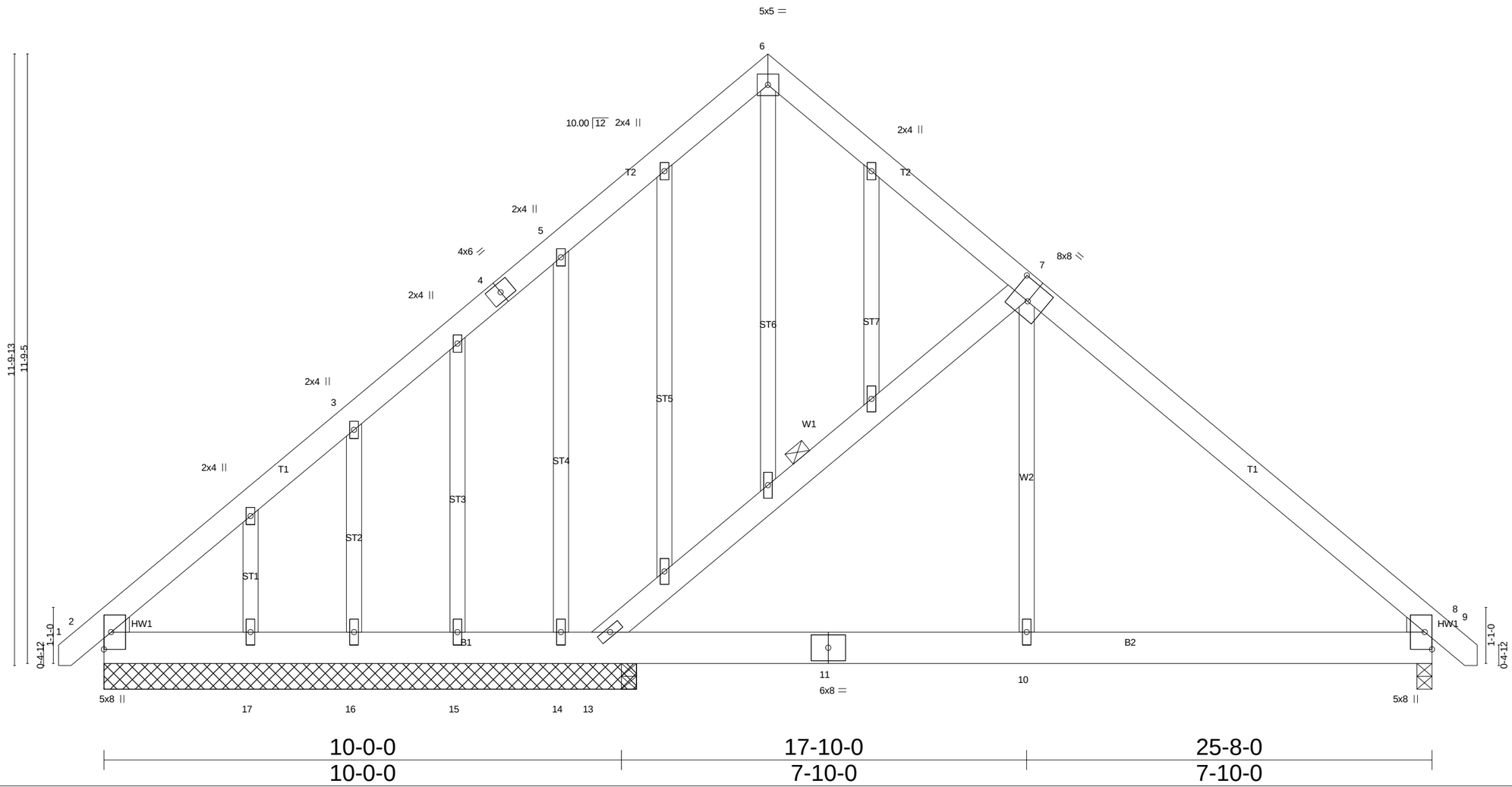
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 12-10-0, Exterior(2) 12-10-0 to 17-2-13, Interior(1) 17-2-13 to 26-5-1 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14 except (jt=lb) 10=132.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	C1GE	COMMON STRUCTURAL GA	1	1	Job Reference (optional)

-0-10-8	12-10-0	17-10-0	25-8-0	26-6-8
0-10-8	12-10-0	5-0-0	7-10-0	0-10-8

Scale = 1:25.2



10-0-0	17-10-0	25-8-0
10-0-0	7-10-0	7-10-0

Plate Offsets (X,Y)-- [7:0-4-0,0-4-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	-0.02	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.04	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.02	8-10	>999	240	Weight: 258 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x8 SP No.1
WEBS 2x6 SP No.1 *Except*
W2: 2x4 SP No.2
OTHERS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2 , Right: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-13
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 10-3-8 except (jt=length) 8=0-3-8, 12=0-3-8.
(lb) - Max Horz 2=-339(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 17 except 14=-208(LC 12), 16=-297(LC 12), 13=-400(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 17, 15, 13 except 2=341(LC 21), 8=860(LC 20), 14=497(LC 19), 16=372(LC 19), 12=510(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-439/214, 3-25=-403/247, 3-4=-269/29, 6-27=-264/106, 7-27=-287/71, 7-28=-785/66, 8-28=-907/32
BOT CHORD 2-17=-243/423, 16-17=-243/423, 15-16=-243/423, 14-15=-243/423, 13-14=-243/423, 12-13=0/606, 11-12=0/606, 11-29=0/606, 10-29=0/606, 10-30=0/606, 8-30=0/606
WEBS 7-10=0/529, 5-14=-335/269, 3-16=-397/347, 7-13=-751/352

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 12-10-0, Exterior(2) 12-10-0 to 17-2-13, Interior(1) 17-2-13 to 26-5-1 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 2x6 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 17 except (jt=lb) 14=208, 16=297, 13=400.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

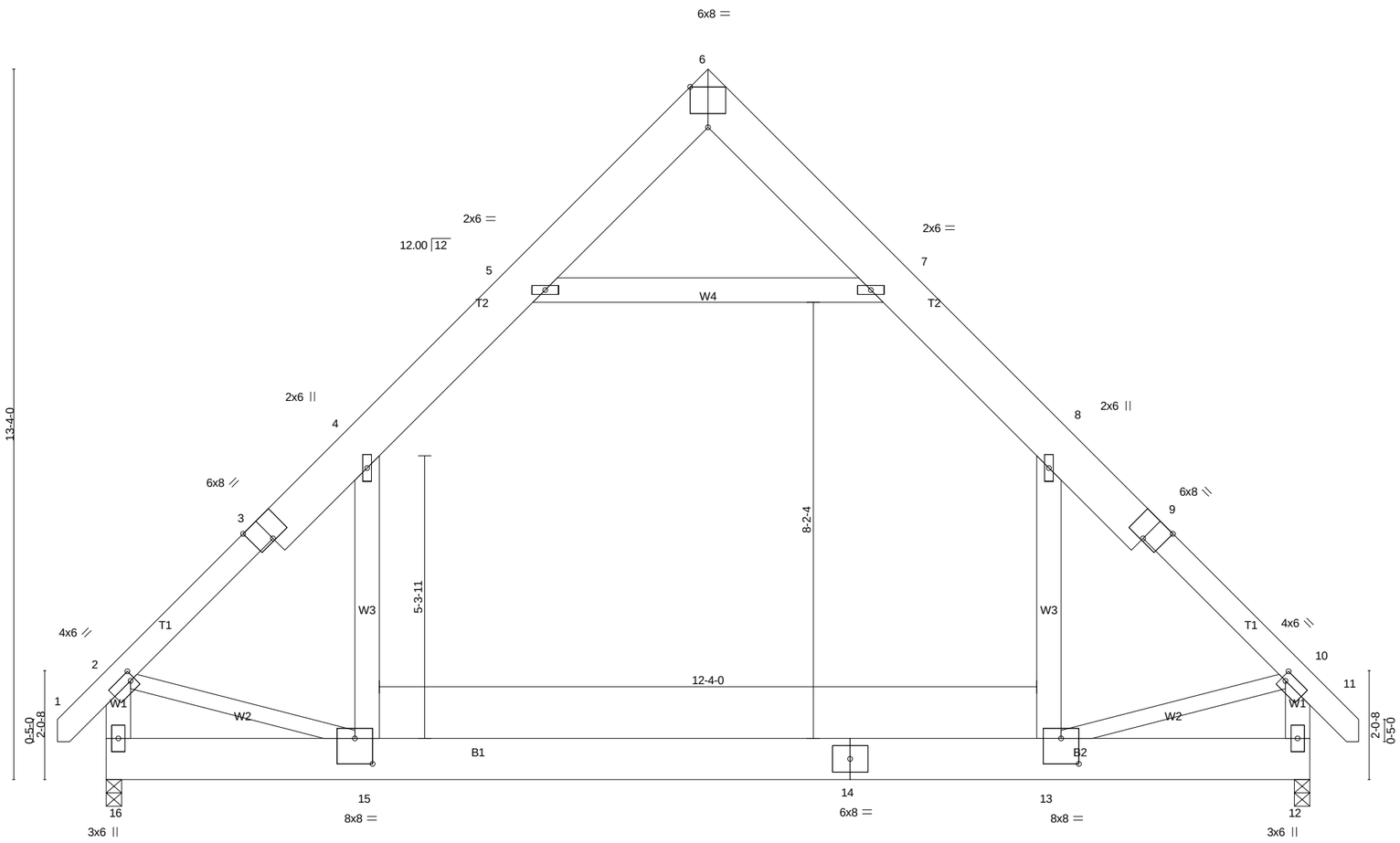
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	D1	ATTIC	9	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:03 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-cfu7K91_?ZsnCQVmJryibScWkjP2t0OGOxN1wFybO6M

-0-11-0	4-10-12	8-2-13	11-3-8	14-4-3	17-8-4	22-7-0	23-6-0
0-11-0	4-10-12	3-4-1	3-0-11	3-0-11	3-4-1	4-10-12	0-11-0

Scale = 1:29.4



4-10-12	17-8-4	22-7-0
4-10-12	12-9-8	4-10-12

Plate Offsets (X,Y)-- [2:0-1-0,0-2-0], [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,Edge], [10:0-1-0,0-2-0], [13:0-4-0,0-5-12], [15:0-4-0,0-5-12]

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	0.45	Vert(LL)	-0.17	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.28	13-15	>946	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.05	13-15	>999	240	Weight: 267 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 16=1263/0-3-8 (min. 0-1-13), 12=1263/0-3-8 (min. 0-1-13)
Max Horz 16=-339(LC 10)
Max Grav 16=1549(LC 21), 12=1549(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1773/0, 3-17=-1644/0, 4-17=-1619/0, 4-18=-1109/107, 5-18=-981/151, 7-19=-981/151, 8-19=-1109/107, 8-20=-1618/0, 9-20=-1644/0, 9-10=-1772/0, 2-16=-1756/6, 10-12=-1757/6
BOT CHORD 15-16=-324/474, 14-15=0/1144, 13-14=0/1144
WEBS 5-7=-1292/170, 4-15=0/859, 8-13=0/859, 2-15=0/1033, 10-13=0/1038

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-2 to 3-7-11, Interior(1) 3-7-11 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 23-5-2 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-15, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

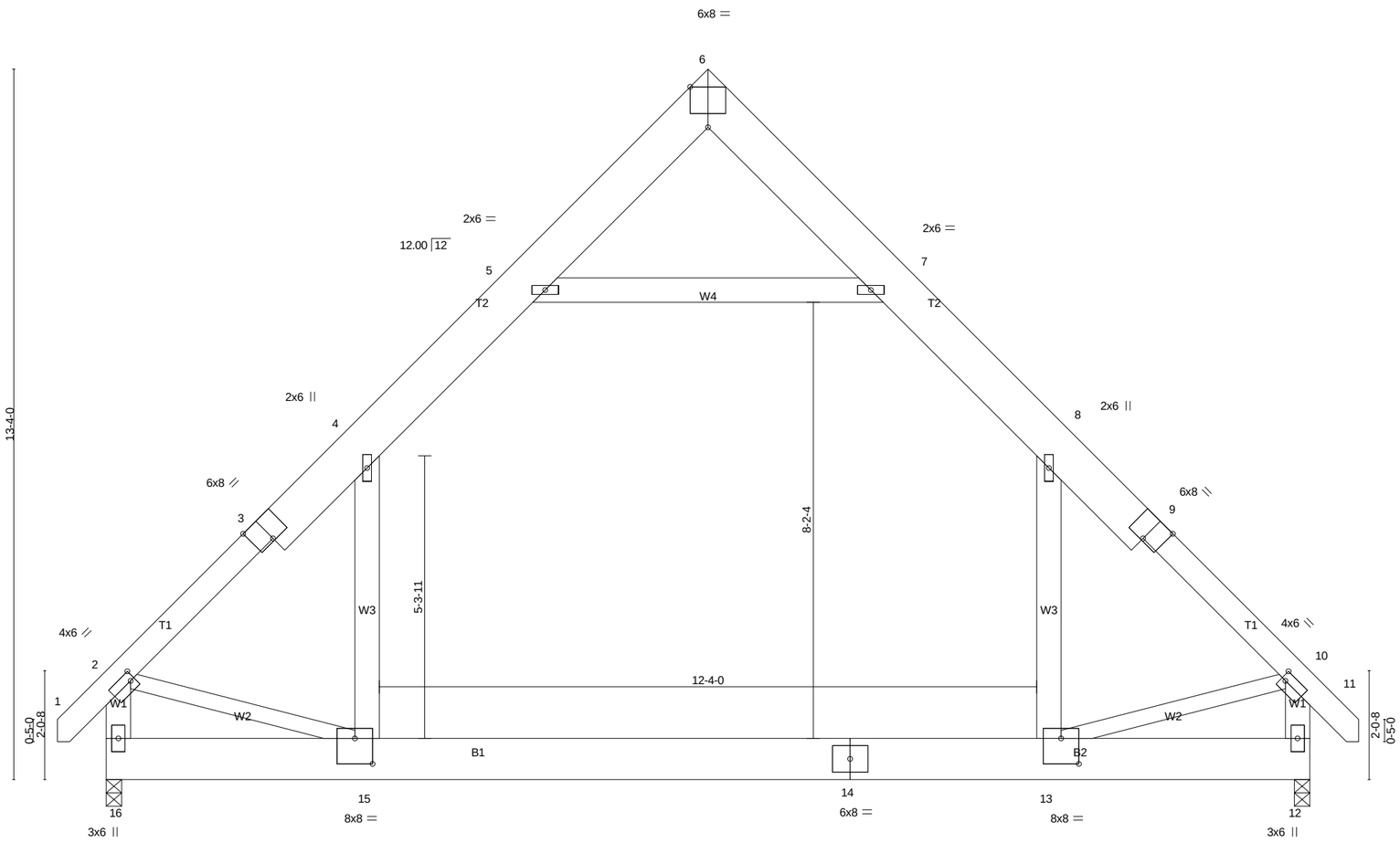
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	D1GE	ATTIC	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:04 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-4rSVXV1dms_epa4ysZTx8g9hU7lHcTdPdb6aThybO6L

-0-11-0	4-10-12	8-2-13	11-3-8	14-4-3	17-8-4	22-7-0	23-6-0
0-11-0	4-10-12	3-4-1	3-0-11	3-0-11	3-4-1	4-10-12	0-11-0

Scale = 1:29.4



4-10-12	17-8-4	22-7-0
4-10-12	12-9-8	4-10-12

Plate Offsets (X,Y)-- [2:0-1-0,0-2-0], [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,Edge], [10:0-1-0,0-2-0], [13:0-4-0,0-5-12], [15:0-4-0,0-5-12]

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	0.45	Vert(LL)	-0.17	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.28	13-15	>946	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.06	13-15	>999	240	Weight: 267 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 16=1263/0-3-8 (min. 0-1-13), 12=1263/0-3-8 (min. 0-1-13)
Max Horz 16=-424(LC 10)
Max Grav 16=1543(LC 21), 12=1543(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1789/0, 3-4=-1635/5, 4-5=-1116/188, 7-8=-1116/188, 8-9=-1634/5, 9-10=-1788/0, 2-16=-1766/37, 10-12=-1767/37
BOT CHORD 15-16=-421/566, 14-15=0/1173, 13-14=0/1173
WEBS 5-7=-1284/249, 4-15=0/859, 8-13=0/859, 2-15=-2/1073, 10-13=-10/1080

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-9-2 to 3-7-11, Exterior(2) 3-7-11 to 11-4-0, Corner(3) 11-4-0 to 15-8-13, Exterior(2) 15-8-13 to 23-5-2 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-15, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

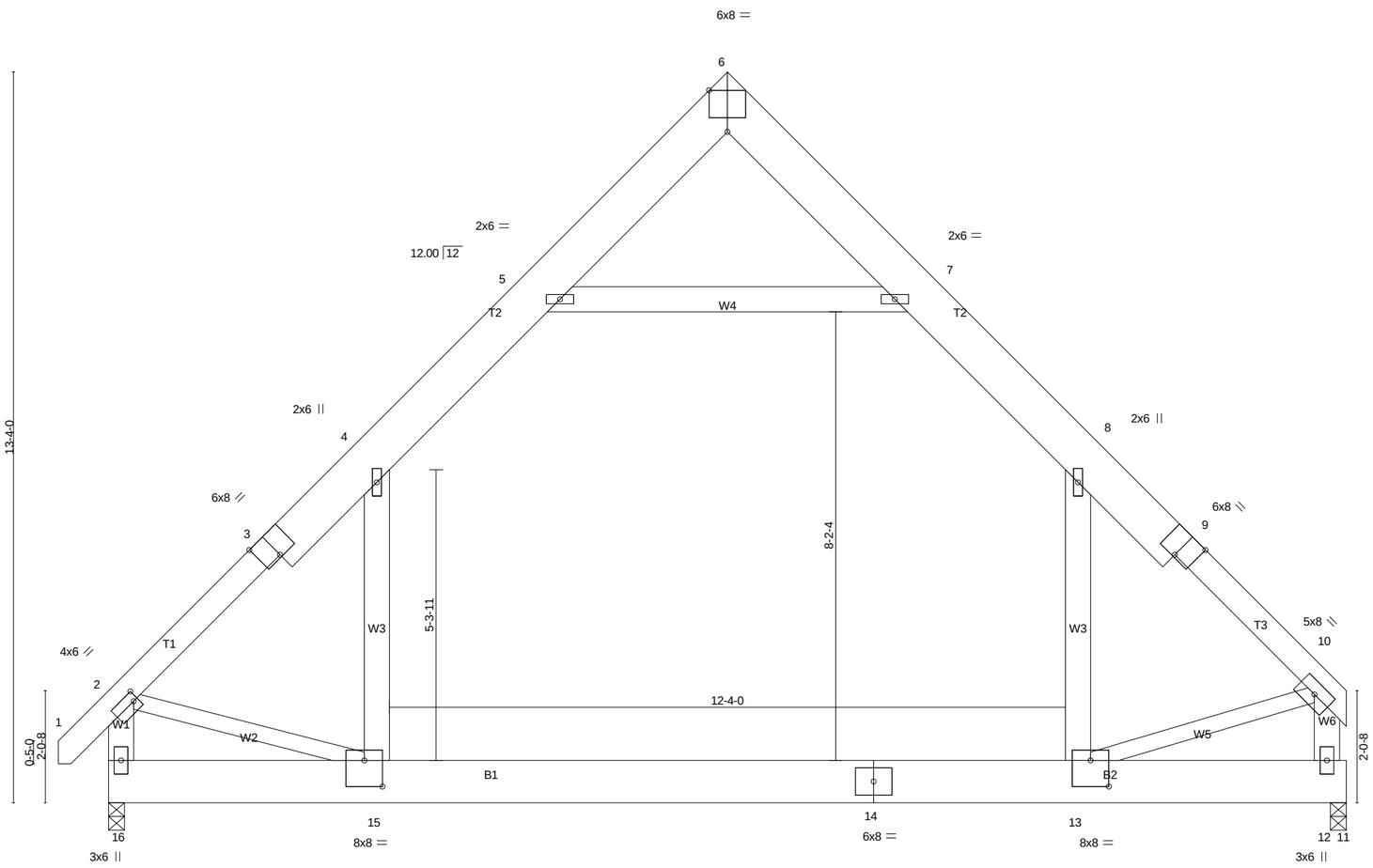
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	D2	ATTIC	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:05 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-Y10tlq2FXA6VRkf9QG_Agtis5X4YLwxZsFs7?7ybO6K

-0-11-0	4-10-12	8-2-13	11-3-8	14-4-3	17-8-4	22-7-0
0-11-0	4-10-12	3-4-1	3-0-11	3-0-11	3-4-1	4-10-12

Scale = 1:29.4



4-10-12	17-8-4	22-7-0
4-10-12	12-9-8	4-10-12

Plate Offsets (X,Y)-- [2:0-1-0,0-2-0], [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,Edge], [13:0-4-0,0-5-12], [15:0-4-0,0-5-12]

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 0.46	Vert(LL) -0.17 13-15 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.70	Vert(CT) -0.28 13-15 >946 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.41	Horz(CT) 0.01 12 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.05 13-15 >999 240	Weight: 265 lb FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except* W2,W5: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 16=1258/0-3-8 (min. 0-1-13), 12=1204/0-3-8 (min. 0-1-13)
Max Horz 16=-310(LC 10)
Max Grav 16=1540(LC 21), 12=1516(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1759/0, 3-17=-1630/0, 4-17=-1605/0, 4-18=-1098/102, 5-18=-970/146, 7-19=-978/154, 8-19=-1106/110, 8-9=-1590/0, 9-10=-1739/0, 2-16=-1743/1, 10-12=-1733/0
BOT CHORD 15-16=-316/452, 14-15=0/1114, 13-14=0/1114
WEBS 5-7=-1282/179, 4-15=0/855, 8-13=0/820, 2-15=0/1020, 10-13=0/1102

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-2 to 3-7-11, Interior(1) 3-7-11 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 22-3-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-15, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 13-15
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

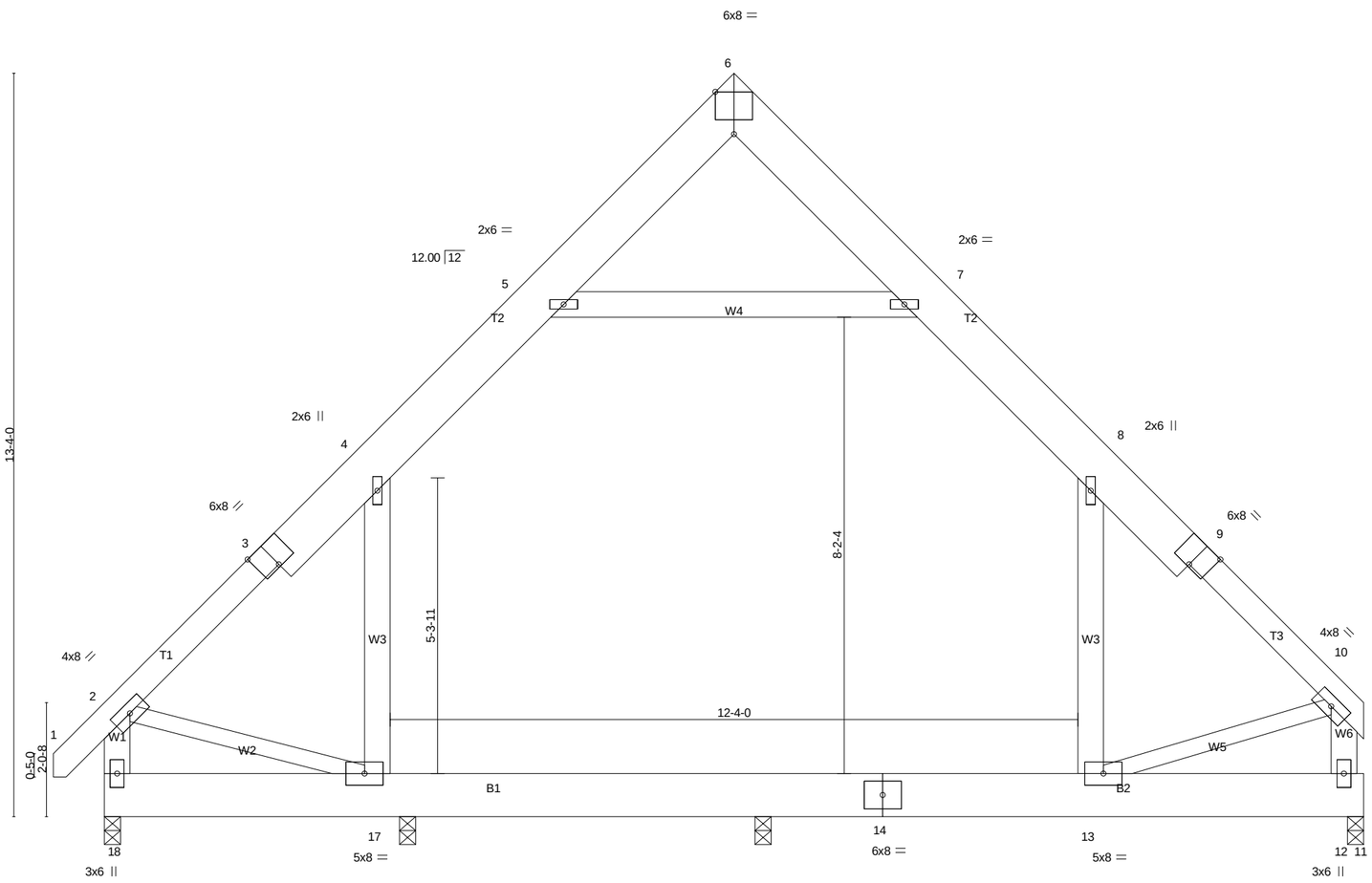
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	D3	ATTIC	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:05 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-Y10tlq2FXA6VRkf9QG_AgtixwXAhL_fZsFs7?7ybO6K

-0-11-0	4-10-12	8-2-13	11-3-8	14-4-3	17-8-4	22-7-0
0-11-0	4-10-12	3-4-1	3-0-11	3-0-11	3-4-1	4-10-12

Scale = 1:29.4



4-10-12	5-3-8	11-11-8	17-8-4	22-7-0
4-10-12	0-4-12	6-8-0	5-8-12	4-10-12

Plate Offsets (X,Y)-- [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,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	0.15	Vert(LL)	-0.02	13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.04	13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.02	13	>999	240	Weight: 265 lb	FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except* W2,W5: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 18=276(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 18 except 16=-249(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 18=999(LC 21), 12=963(LC 21), 16=605(LC 20), 15=997(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-968/79, 3-19=-849/82, 4-19=-823/92, 4-20=-759/169, 5-20=-634/183, 7-21=-611/180, 8-21=-684/166, 8-9=-694/16, 9-10=-836/1, 2-18=-963/73, 10-12=-814/20
BOT CHORD 17-18=-255/297, 16-17=0/531, 15-16=0/531, 14-15=0/531, 13-14=0/531
WEBS 5-7=-660/241, 4-17=-351/267, 2-17=-27/584, 10-13=0/465

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-2 to 3-7-11, Interior(1) 3-7-11 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 22-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-17, 8-13
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-17, 15-16, 13-15
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18 except (jt=lb) 16=249.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

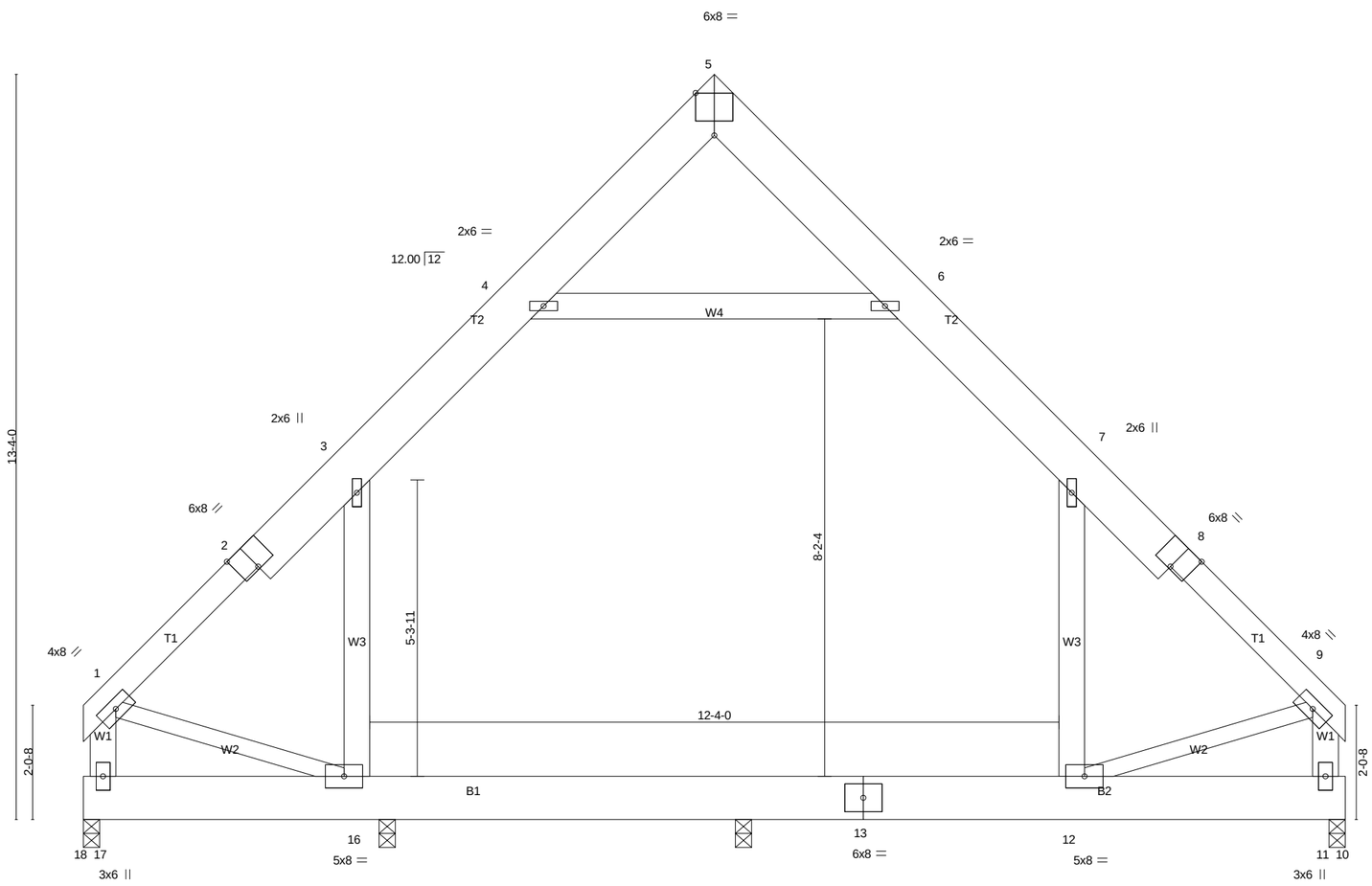
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	D4	ATTIC	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:06 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-0EaGyA3tIUEM3uEL_zWPD5E6ewWw4Rvi5vbhXaybO6J

4-10-12	8-2-13	11-3-8	14-4-3	17-8-4	22-7-0
4-10-12	3-4-1	3-0-11	3-0-11	3-4-1	4-10-12

Scale = 1:29.4



4-10-12	5-3-8	11-11-8	17-8-4	22-7-0
4-10-12	0-4-12	6-8-0	5-8-12	4-10-12

Plate Offsets (X,Y)-- [2:0-4-0,Edge], [5:0-4-0,Edge], [8:0-4-0,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 0.15	Vert(LL) -0.02 12 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.30	Vert(CT) -0.04 12 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.17	Horz(CT) 0.00 11 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.02 12 >999 240	Weight: 262 lb FT = 20%

LUMBER-
TOP CHORD 2x10 SP No.1 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x6 SP No.1 *Except*
W2: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 17=-257(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 17 except 15=-255(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 17=972(LC 21), 11=960(LC 21), 15=598(LC 20), 14=998(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-954/77, 2-3=-813/90, 3-19=-758/168, 4-19=-633/182, 6-20=-607/179, 7-20=-680/164, 7-8=-691/14, 8-9=-833/0, 1-17=-930/50, 9-11=-811/18
BOT CHORD 16-17=-241/284, 15-16=0/529, 14-15=0/529, 13-14=0/529, 12-13=0/529
WEBS 4-6=-657/240, 3-16=-362/267, 1-16=-40/598, 9-12=0/462

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-12 to 4-10-12, Interior(1) 4-10-12 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 22-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (10.0 psf) on member(s). 3-4, 6-7, 4-6; Wall dead load (5.0psf) on member(s).3-16, 7-12
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 15-16, 14-15, 12-14
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17 except (jt=lb) 15=255.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	E1	COMMON	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:06 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-0EaGyA3tlUEM3uEL_zWPD5E4zwWD4Nhi5vbhXaybO6J

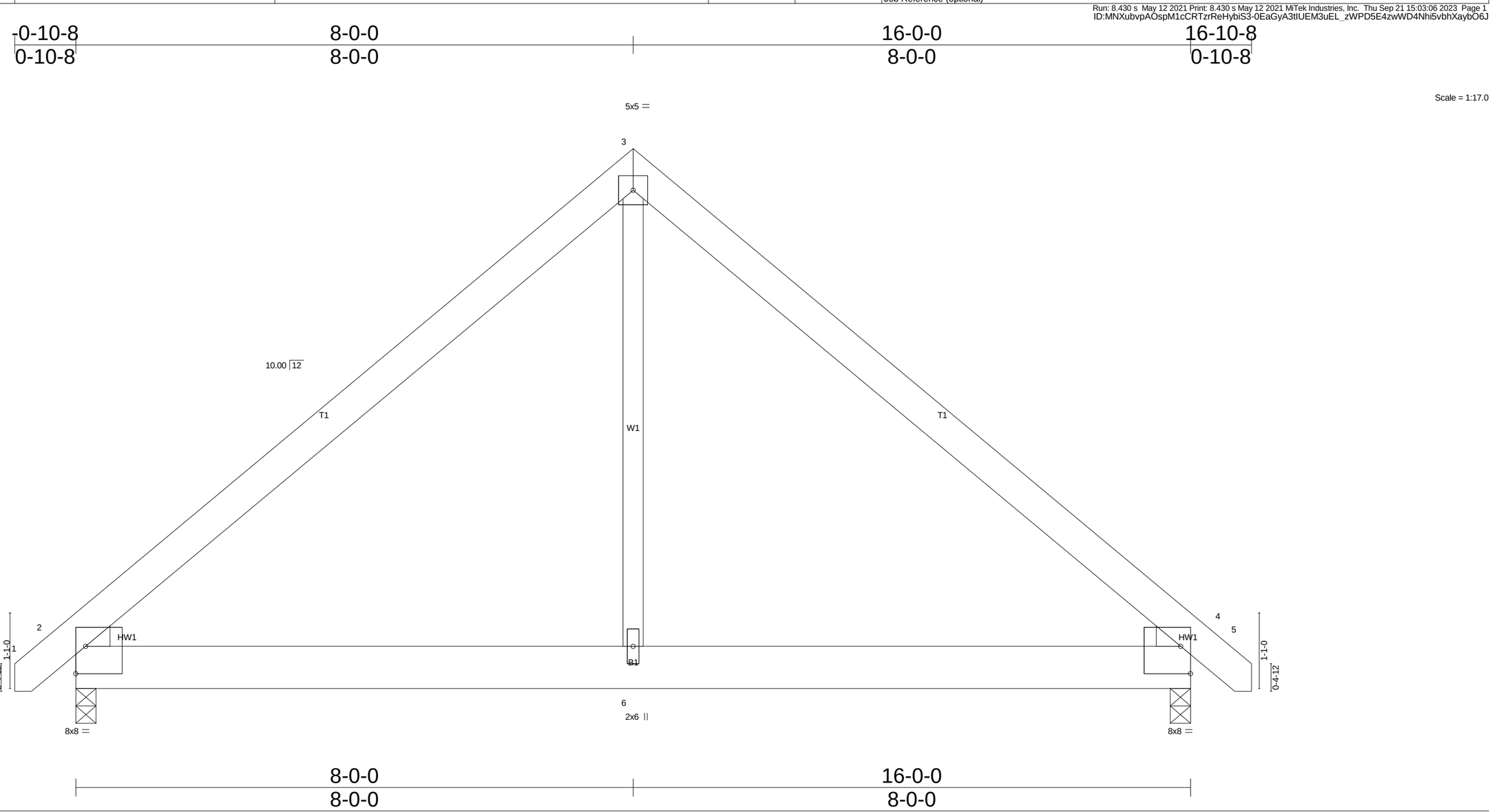


Plate Offsets (X,Y)-- [2:Edge,0-4-11], [4:Edge,0-4-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.02	2-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.04	2-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.04	4-6	>999	240	Weight: 115 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=682/0-3-8 (min. 0-1-8), 4=682/0-3-8 (min. 0-1-8)
Max Horz 2=-175(LC 10)
Max Uplift 2=-84(LC 9), 4=-84(LC 8)
Max Grav 2=759(LC 2), 4=759(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-826/578, 3-7=-693/613, 3-8=-693/612, 4-8=-826/577
BOT CHORD 2-9=-268/529, 6-9=-268/529, 6-10=-268/529, 4-10=-268/529
WEBS 3-6=-539/597

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 8-0-0, Exterior(2) 8-0-0 to 12-4-13, Interior(1) 12-4-13 to 16-9-1 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	E1GE	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:07 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-UQ8eAW4V3nMDg1oXYh1elInFjKtepuisJZLE30ybO6I

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0-10-8 8-0-0 8-0-0 0-10-8

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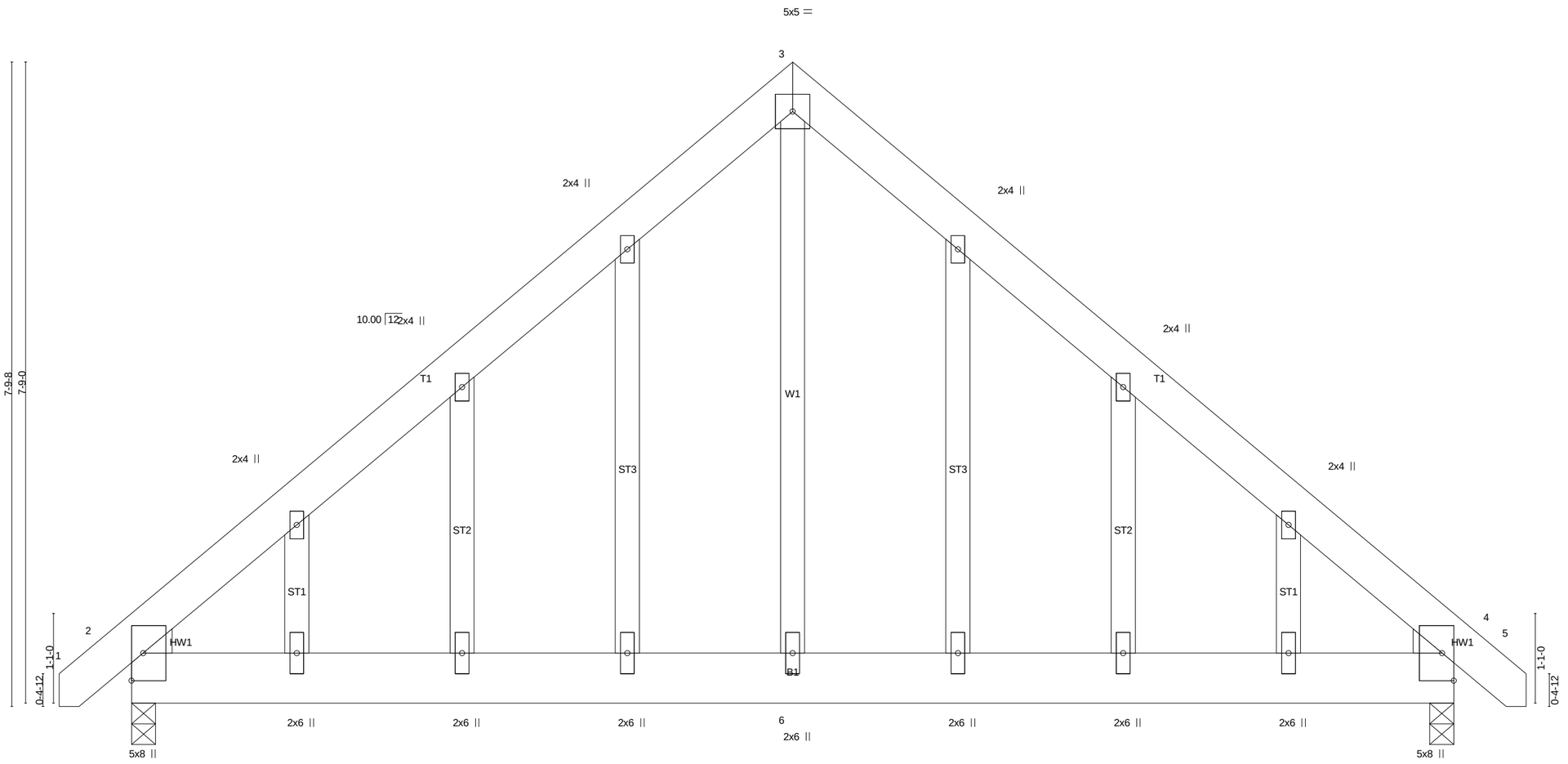

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.02	2-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	-0.04	2-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.02	2-6	>999	240	Weight: 145 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=682/0-3-8 (min. 0-1-8), 4=682/0-3-8 (min. 0-1-8)
Max Horz 2=-219(LC 10)
Max Uplift2=-132(LC 12), 4=-132(LC 13)
Max Grav 2=785(LC 19), 4=785(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-883/207, 3-4=-882/207
BOT CHORD 2-19=-19/598, 6-19=-19/598, 6-20=-19/598, 4-20=-19/598
WEBS 3-6=0/597

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-9-1 to 3-7-12, Exterior(2) 3-7-12 to 8-0-0, Corner(3) 8-0-0 to 12-4-13, Exterior(2) 12-4-13 to 16-9-1 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) 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=132, 4=132.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	G1GE	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:07 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-UQ8eAW4V3nMDg1oXYh1elInJCKwTpvCsJZLE30ybO6I

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6-4-0 | 6-4-0 | 0-10-8

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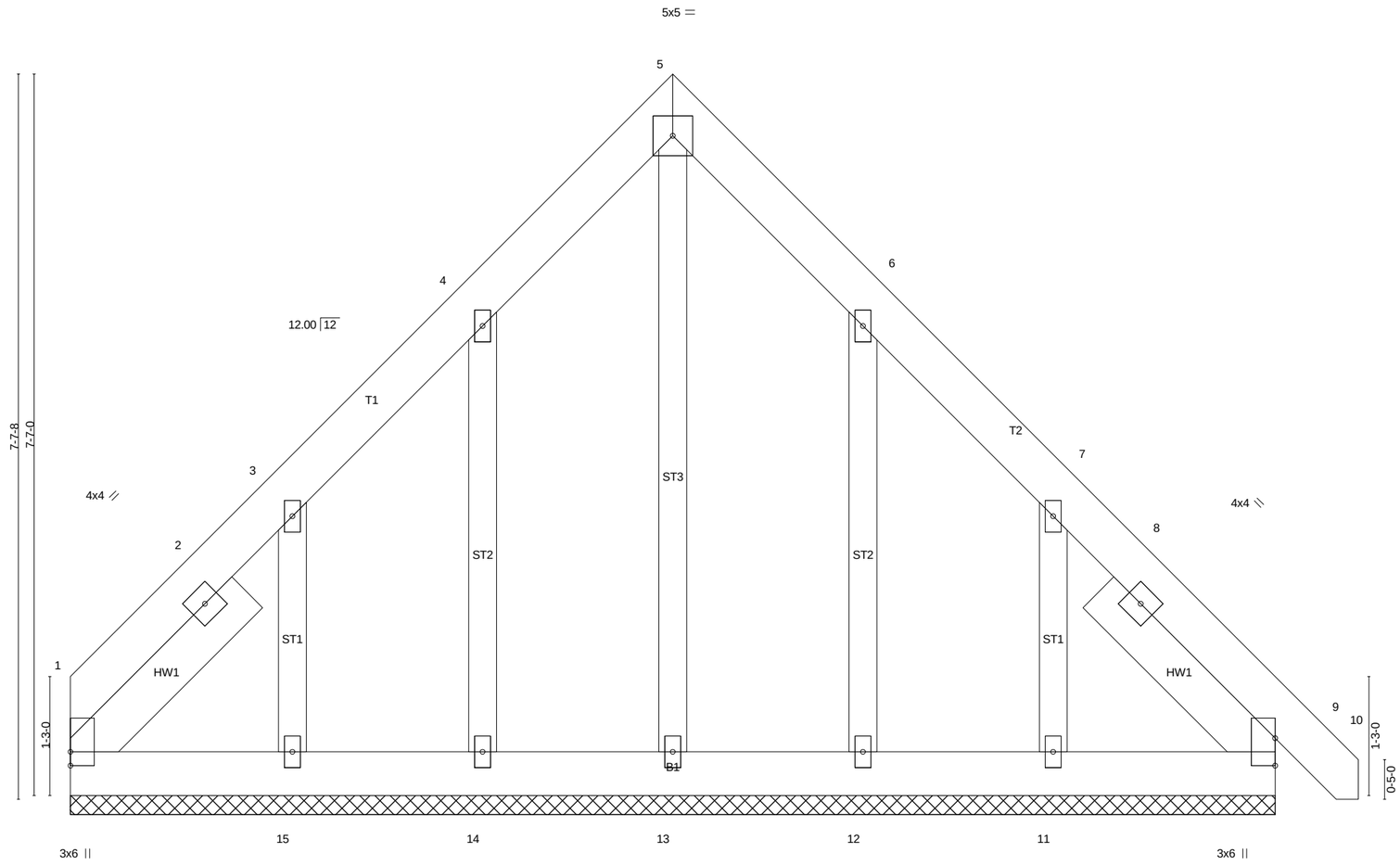

12-8-0
12-8-0

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) 0.00 9 n/r 120	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.03	Vert(CT) 0.00 9 n/r 120	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.10	Horz(CT) 0.00 9 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S		Weight: 119 lb FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2
SLIDER Left 2x6 SP No.1 -x 2-6-0, Right 2x6 SP No.1 -x 2-6-0

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

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

REACTIONS. All bearings 12-8-0.
(lb) - Max Horz 1=-212(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9 except 14=-114(LC 12), 15=-243(LC 12), 12=-111(LC 13), 11=-233(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 13, 14, 12, 11 except 15=250(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-15=-260/254, 7-11=-260/245

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 4-3-13, Exterior(2) 4-3-13 to 6-4-0, Corner(3) 6-4-0 to 10-8-13, Exterior(2) 10-8-13 to 13-5-2 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) 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9 except (jt=lb) 14=114, 15=243, 12=111, 11=233.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 9.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	G2GDR	COMMON	1	2	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:08 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-zch0Ns47q5V4IBNj5OYtIWKP?k83YI6?YD4ocSybO6H

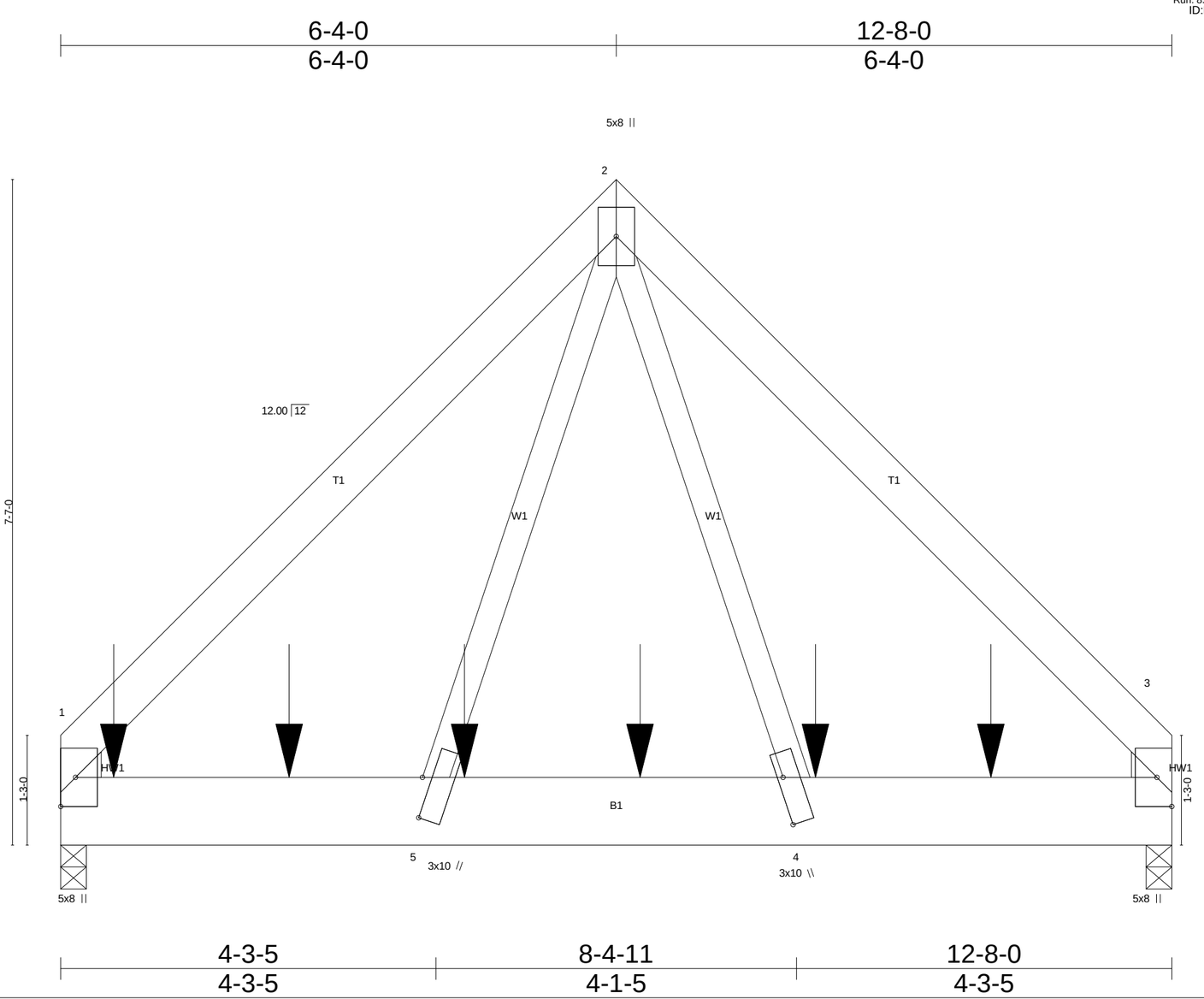

Plate Offsets (X,Y)-- [4:0-6-9,0-0-12], [5:0-5-7,0-1-4]

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	0.35	Vert(LL)	-0.02	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.06	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.38	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	-0.00	5	>999	240	Weight: 228 lb	FT = 20%

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

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

REACTIONS. (lb/size) 1=4693/0-3-8 (min. 0-2-13), 3=3788/0-3-8 (min. 0-2-4)
Max Horz 1=-165(LC 4)
Max Grav 1=4777(LC 2), 3=3841(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4246/0, 2-3=-4212/0
BOT CHORD 1-6=0/2791, 6-7=0/2791, 5-7=0/2791, 5-8=0/1855, 8-9=0/1855, 4-9=0/1855, 4-10=0/2767, 3-10=0/2767
WEBS 2-5=0/3100, 2-4=0/3021

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: 2x10 - 2 rows staggered at 0-5-0 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 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1296 lb down at 0-7-4, 1291 lb down at 2-7-4, 1291 lb down at 4-7-4, 1291 lb down at 6-7-4, and 1291 lb down at 8-7-4, and 1291 lb down at 10-7-4 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=-20, 1-2=-60, 2-3=-60
Concentrated Loads (lb)
Vert: 4=-1248(B) 6=-1253(B) 7=-1248(B) 8=-1248(B) 9=-1248(B) 10=-1248(B)

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	H1GDR	Common Girder	1	**2**	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:08 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-zch0Ns47q5V4IBNj5OYtIWKOgk4ZYFz?YD4ocSybO6H

5-1-12 | 10-3-8
5-1-12 | 5-1-12

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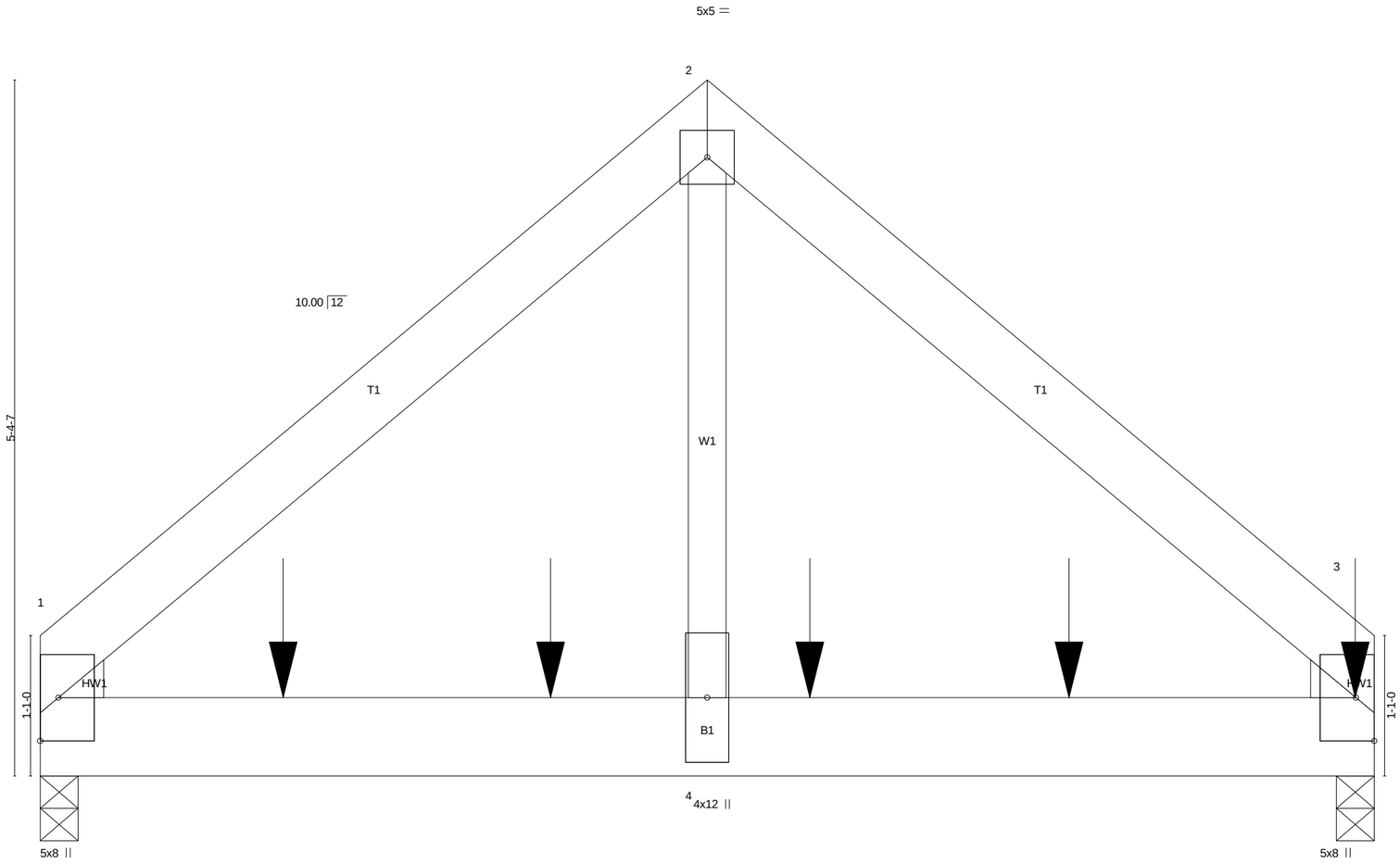


5-1-12 | 10-3-8
5-1-12 | 5-1-12

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	0.44	Vert(LL)	-0.03	1-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.07	1-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.52	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	-0.00	1-4	>999	240	Weight: 144 lb	FT = 20%

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

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

REACTIONS. (lb/size) 1=4027/0-3-8 (min. 0-2-6), 3=4263/0-3-8 (min. 0-2-8)
Max Horz 1=114(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3388/0, 2-3=-3414/0
BOT CHORD 1-5=0/2432, 5-6=0/2432, 4-6=0/2432, 4-7=0/2432, 7-8=0/2432, 3-8=0/2432
WEBS 2-4=0/4216

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: 2x8 - 2 rows staggered at 0-4-0 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 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2488 lb down at 1-10-8, 1243 lb down at 3-11-4, 1243 lb down at 5-11-4, and 1243 lb down at 7-11-4, and 1273 lb down at 10-1-12 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: 1-2=-60, 2-3=-60, 1-3=-20
Concentrated Loads (lb)
Vert: 3=-1273(F) 5=-2488(F) 6=-1243(F) 7=-1243(F) 8=-1243(F)

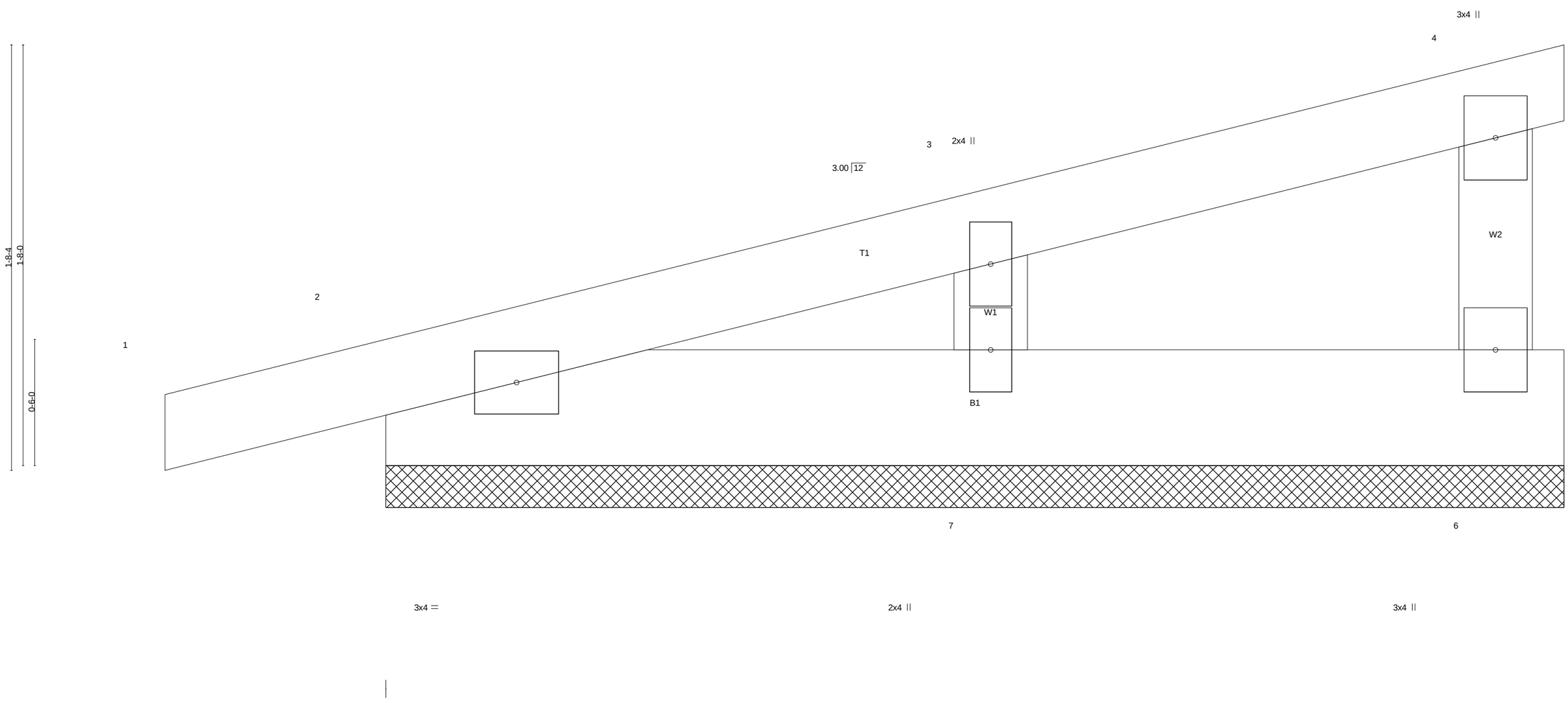
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	M1GE	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:09 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-RpFObC5lbPdxwLywf636rjsfO8c7Hqg8ntqL8uybO6G

-0-10-8 2-6-8 4-8-0
0-10-8 2-6-8 2-1-8

Scale = 1:4.7



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 21 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 4-8-0.
(lb) - Max Horz 2=66(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 5, 6, 2, 7
Max Grav All reactions 250 lb or less at joint(s) 5, 6, 2, 7

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 3-6-5, Exterior(2) 3-6-5 to 4-8-0 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 requires continuous bottom chord bearing.
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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 6, 2, 7.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	M2	MONOPITCH	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:09 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-RpFObC5lbPdxwLywf636rjsfd8clHqI8ntqL8uybO6G

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0-10-8 2-10-0

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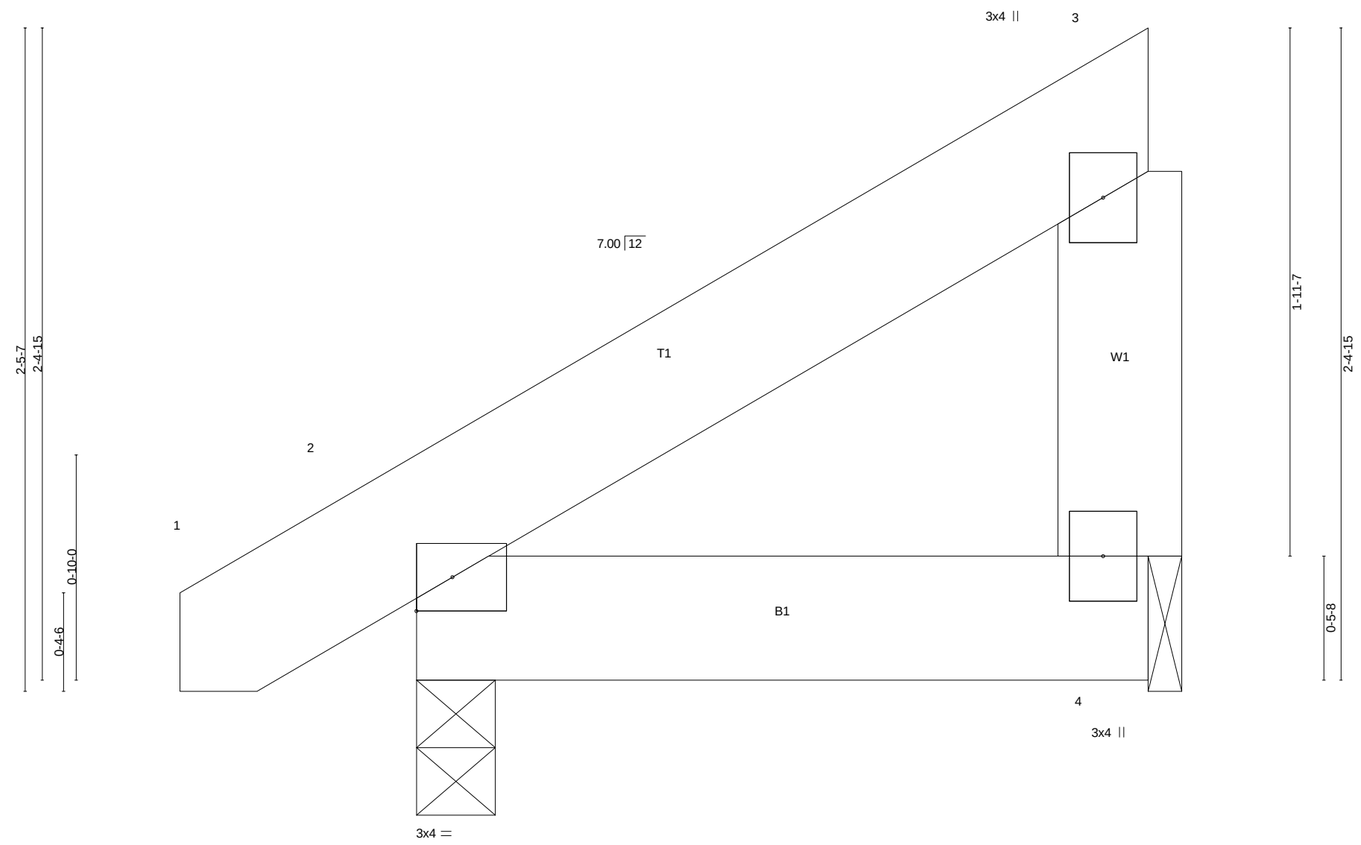


2-10-0
2-10-0

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) -0.00 2 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.04	Vert(CT) -0.00 2 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 4 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00 2 **** 240	Weight: 20 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=160/0-3-8 (min. 0-1-8), 4=88/0-1-8 (min. 0-1-8)
Max Horz 2=63(LC 12)
Max Uplift2=-2(LC 12), 4=-31(LC 12)
Max Grav 2=160(LC 1), 4=98(LC 19)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

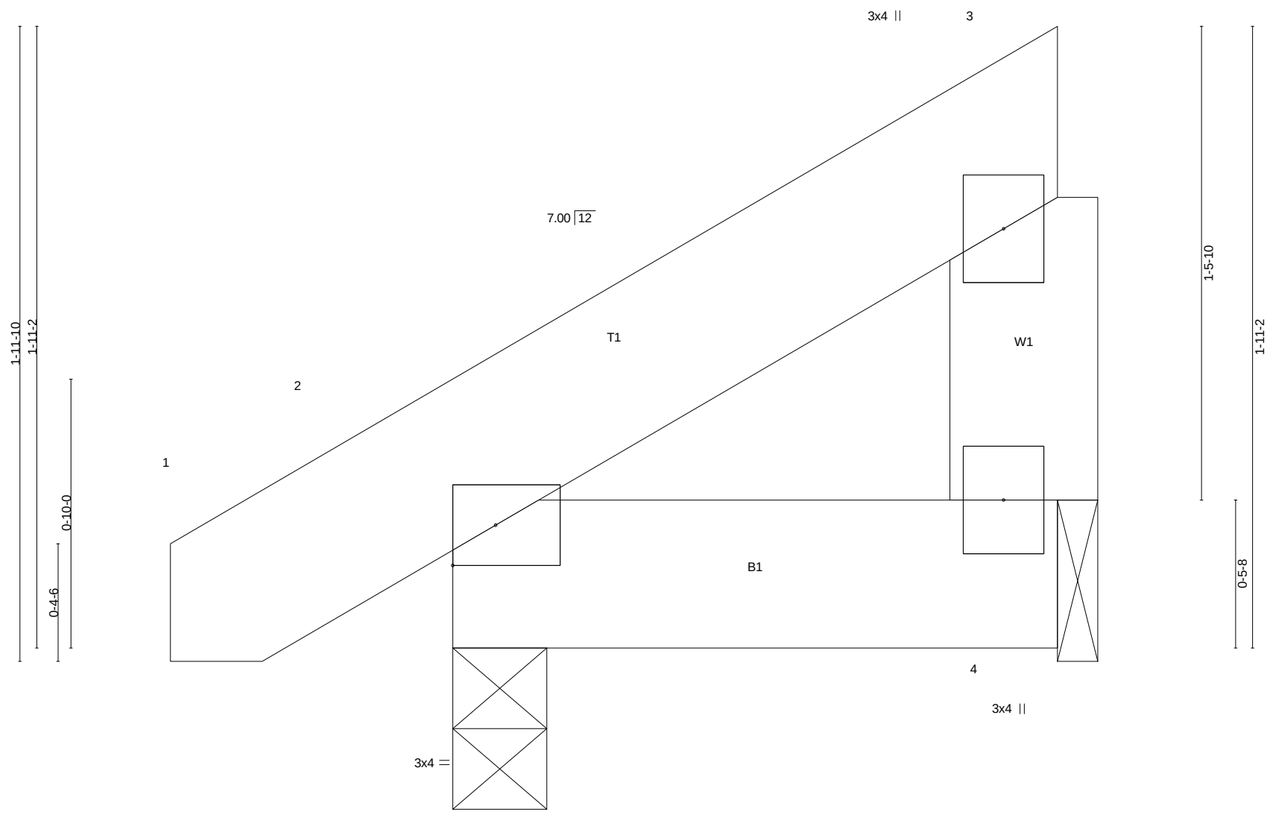
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	M3	MONOPITCH	6	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:10 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-v?pmoY6NMiloXVX6DpaLNxPqgYyC0HXI?XZugLybO6F

-0-10-8 2-0-0
0-10-8 2-0-0

Scale = 1:5.3



2-0-0
2-0-0

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 0.02	Vert(LL) -0.00 2 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.03	Vert(CT) -0.00 2 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 4 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00 2 **** 240	Weight: 14 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=125/0-3-8 (min. 0-1-8), 4=59/0-1-8 (min. 0-1-8)
Max Horz 2=47(LC 12)
Max Uplift 2=-3(LC 12), 4=-22(LC 12)
Max Grav 2=125(LC 1), 4=66(LC 19)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

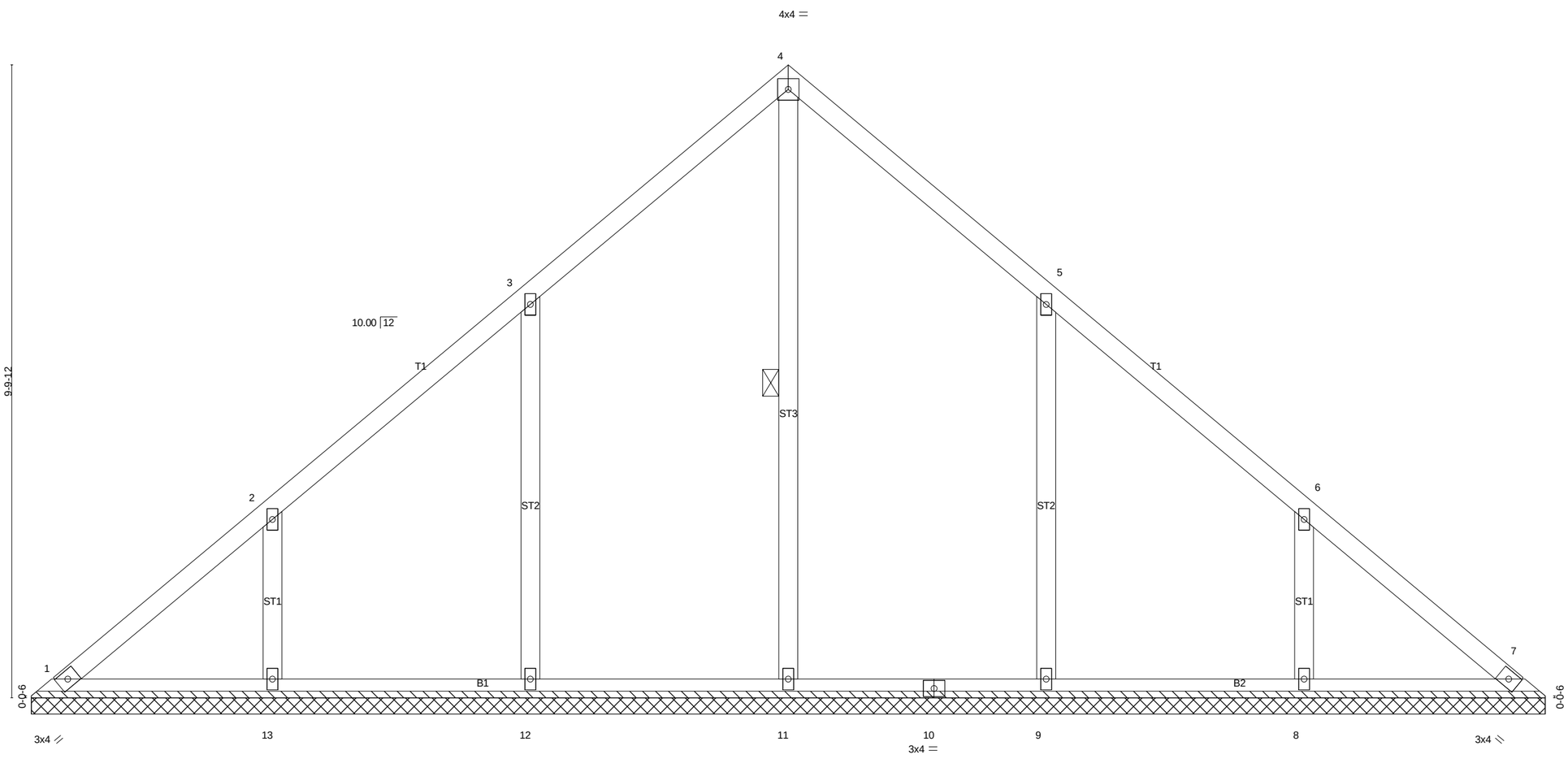
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC1	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:10 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-v?pmoY6NMiloXVX6DpaLNxPogYw50E1I?XZugLybO6F

11-9-5 | 23-6-10
11-9-5 | 11-9-5

Scale = 1:21.6



23-6-3 | 23-6-10
23-6-3 | 0-0-7

Plate Offsets (X,Y)-- [5:0-0-0,0-0-0], [6:0-0-0,0-0-0]

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	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 118 lb	FT = 20%

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

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

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

REACTIONS. All bearings 23-5-12.
(lb) - Max Horz 1=227(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 12=-136(LC 12), 13=-126(LC 12), 9=-136(LC 13), 8=-126(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=431(LC 22), 12=557(LC 19), 13=396(LC 19), 9=556(LC 20), 8=397(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-347/247, 2-13=-325/235, 5-9=-347/247, 6-8=-325/235

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 4-9-10, Interior(1) 4-9-10 to 11-9-5, Exterior(2) 11-9-5 to 16-2-2, Interior(1) 16-2-2 to 23-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 12=136, 13=126, 9=136, 8=126.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

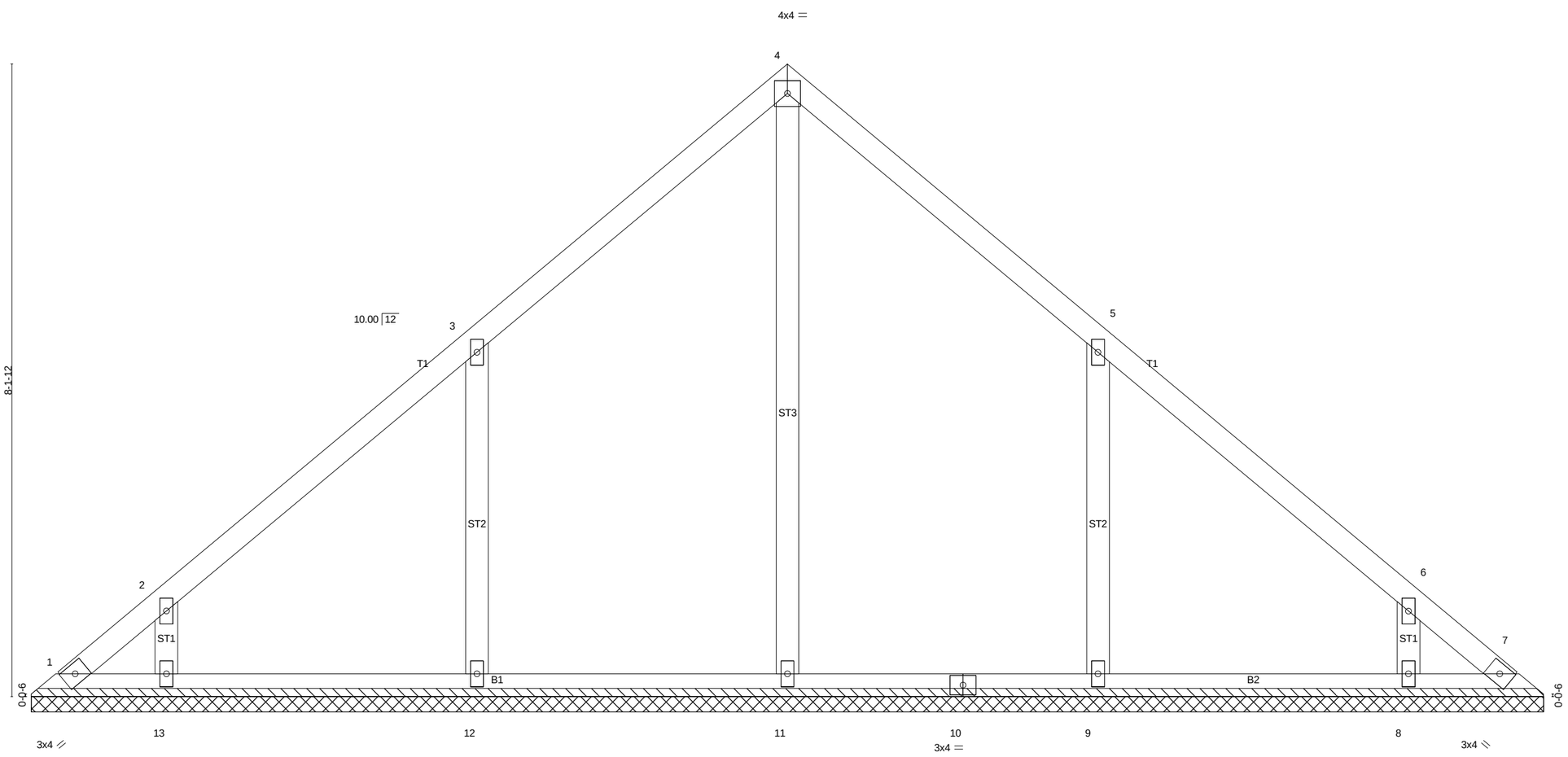
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC2	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:11 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-NBN90u7060te9f6InX5aw8yzHxGxliEREAJSCnybO6E

9-9-5 | 19-6-10
9-9-5 | 9-9-5

Scale = 1:18.0



19-6-3 | 19-6-10
19-6-3 | 0-0-7

Plate Offsets (X,Y)-- [5:0-0-0,0-0-0], [6:0-0-0,0-0-0]

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	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 92 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 19-5-12.
(lb) - Max Horz 1=-187(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 13, 8 except 12=-141(LC 12), 9=-141(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=437(LC 22), 12=475(LC 19), 13=269(LC 19), 9=475(LC 20), 8=269(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-358/254, 2-13=-271/214, 5-9=-358/254, 6-8=-271/214

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 4-9-10, Interior(1) 4-9-10 to 9-9-5, Exterior(2) 9-9-5 to 14-2-2, Interior(1) 14-2-2 to 19-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 13, 8 except (jt=lb) 12=141, 9=141.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC3	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:11 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-NBN90u7060te9f6InX5aw8yzOxGGIjEREAJSCnybO6E

7-9-5 | 15-6-10
7-9-5 | 7-9-5

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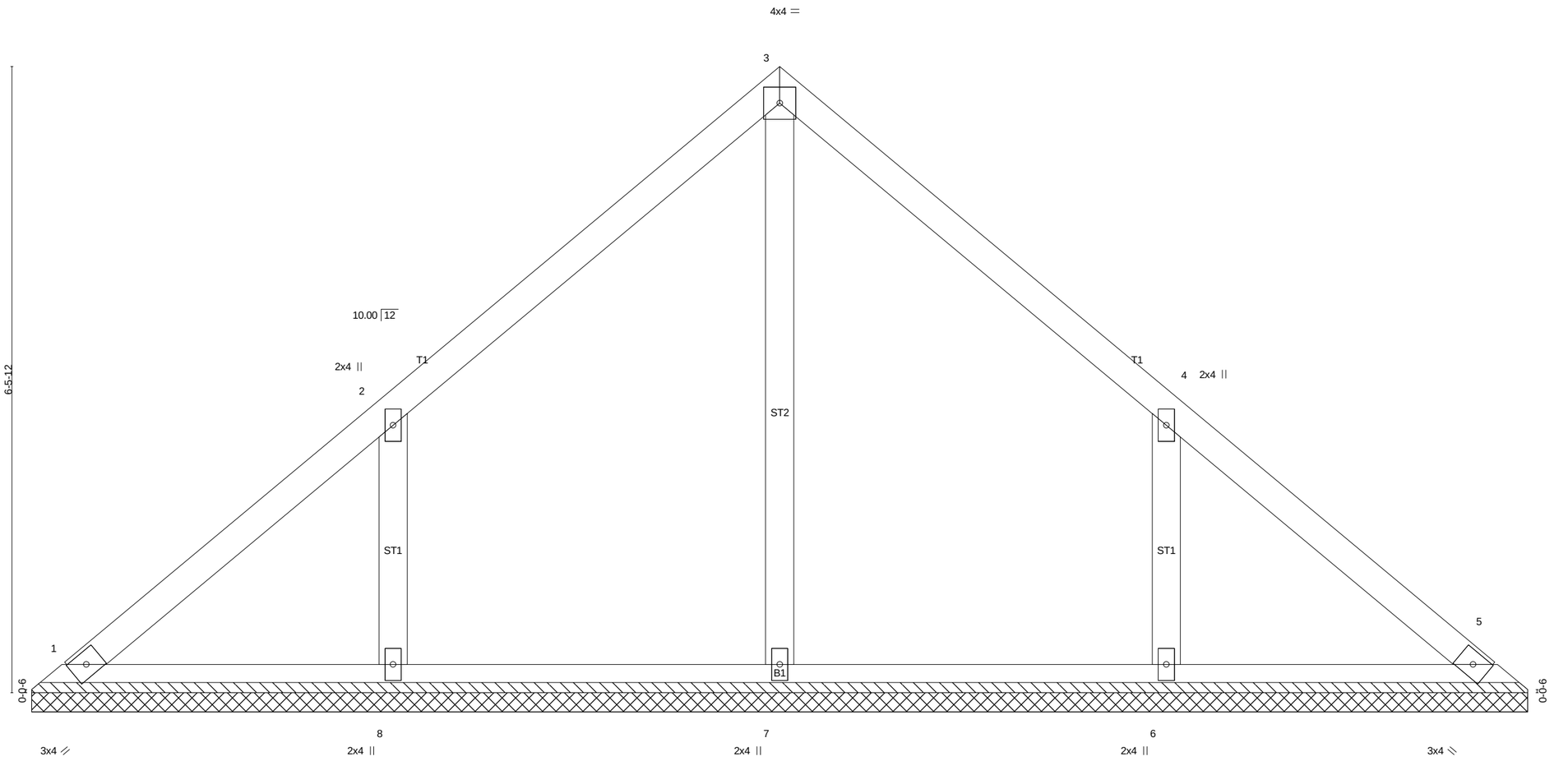

15-6-3 | 15-6-10
15-6-3 | 0-0-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 68 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 15-5-12.
(lb) - Max Horz 1=147(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-141(LC 12), 6=-141(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=409(LC 19), 8=422(LC 19), 6=422(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-352/253, 4-6=-352/253

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 4-9-10, Interior(1) 4-9-10 to 7-9-5, Exterior(2) 7-9-5 to 12-2-2, Interior(1) 12-2-2 to 15-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=141, 6=141.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC4	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:12 2023 Page 1
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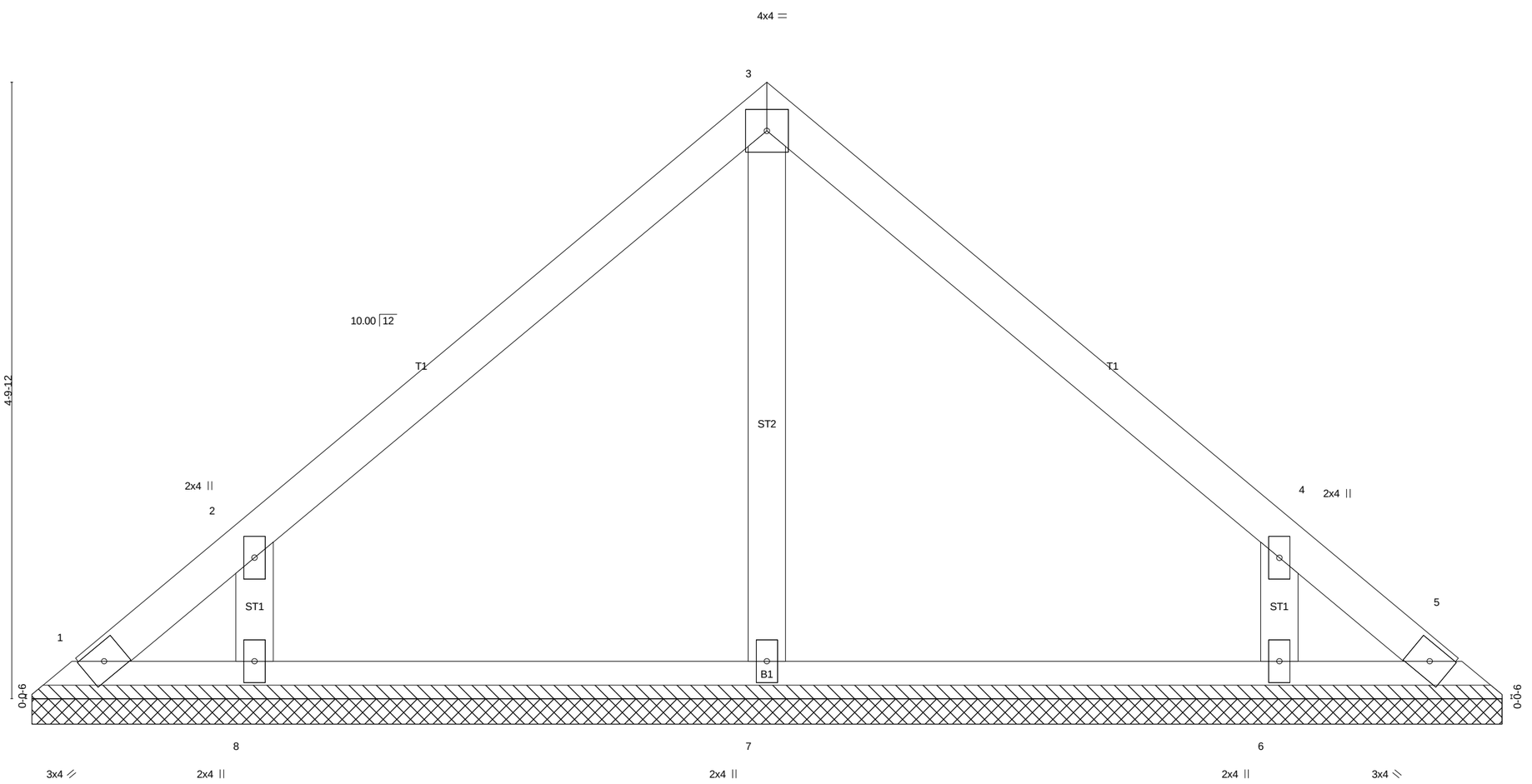
5-9-5 11-6-10
5-9-5 5-9-5

Scale = 1:11.2



11-6-3 11-6-10
11-6-3 0-0-7

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

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.13	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.09	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Horz(CT) 0.00 5 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S		Weight: 47 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 11-5-12.
(lb) - Max Horz 1=107(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-125(LC 12), 6=-125(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=327(LC 19), 6=327(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-320/253, 4-6=-320/253

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 4-9-10, Interior(1) 4-9-10 to 5-9-5, Exterior(2) 5-9-5 to 10-2-2, Interior(1) 10-2-2 to 11-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=125, 6=125.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC5	VALLEY	1	1	Job Reference (optional)

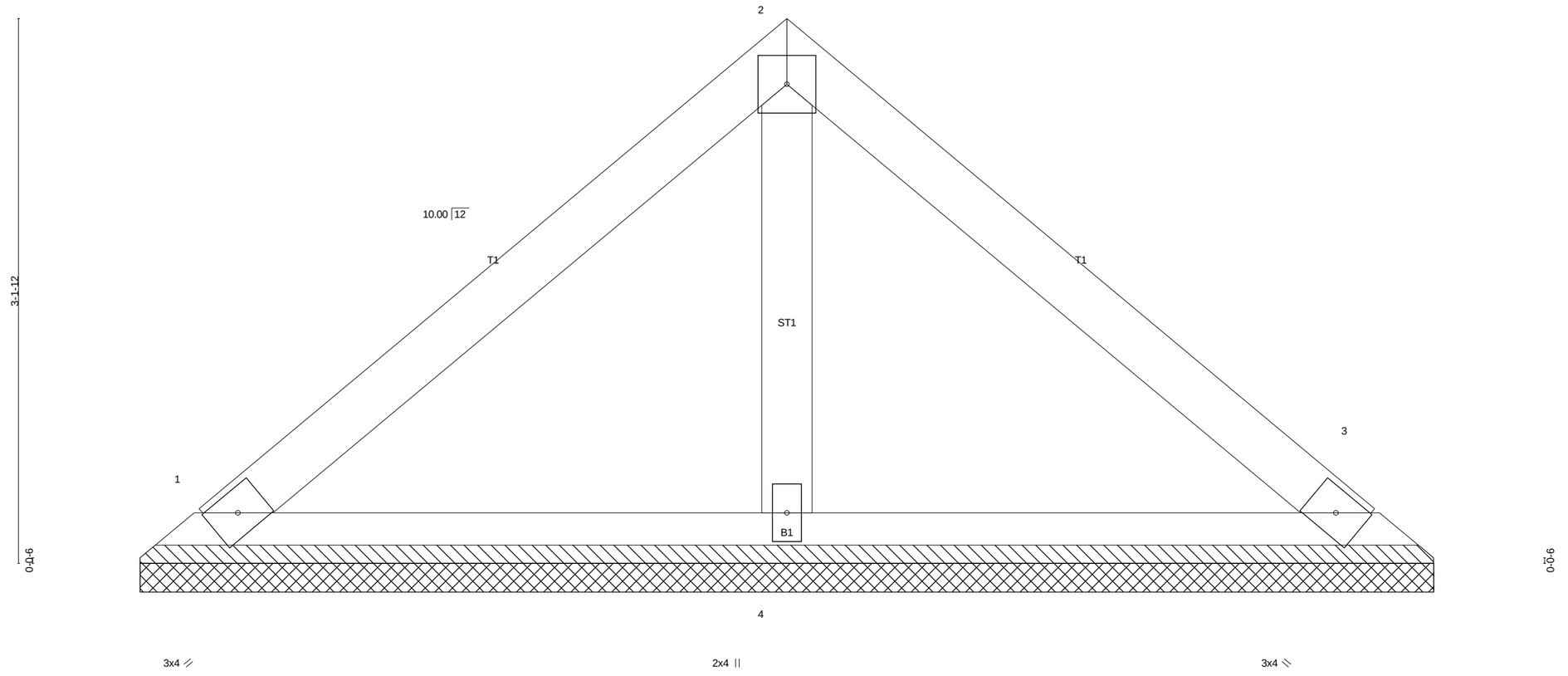
Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:12 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-rNxXDE8etK?VnphVKEcpSMU8tLcmUBgbTq2?lDybO6D

3-9-5
3-9-5

7-6-10
3-9-5

Scale = 1:8.2



7-6-3
7-6-3

7-6-10
0-0-7

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.17	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.08	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.02	Horz(CT) 0.00 3 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 28 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=156/7-5-12 (min. 0-1-8), 3=156/7-5-12 (min. 0-1-8), 4=228/7-5-12 (min. 0-1-8)
Max Horz 1=-67(LC 8)
Max Uplift1=-24(LC 13), 3=-30(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VC7	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:13 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-JaVvQa8Ged7MOyGhux82?Z1KplyJDeHkiUoZHgybO6C

1-9-5 | 3-6-10
1-9-5 | 1-9-5

Scale = 1:4.3

3-6-3 | 3-6-10
3-6-3 | 0-0-7

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 0.06	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 3 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 11 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=110/3-5-12 (min. 0-1-8), 3=110/3-5-12 (min. 0-1-8)
Max Horz 1=-27(LC 8)
Max Uplift1=-5(LC 12), 3=-5(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

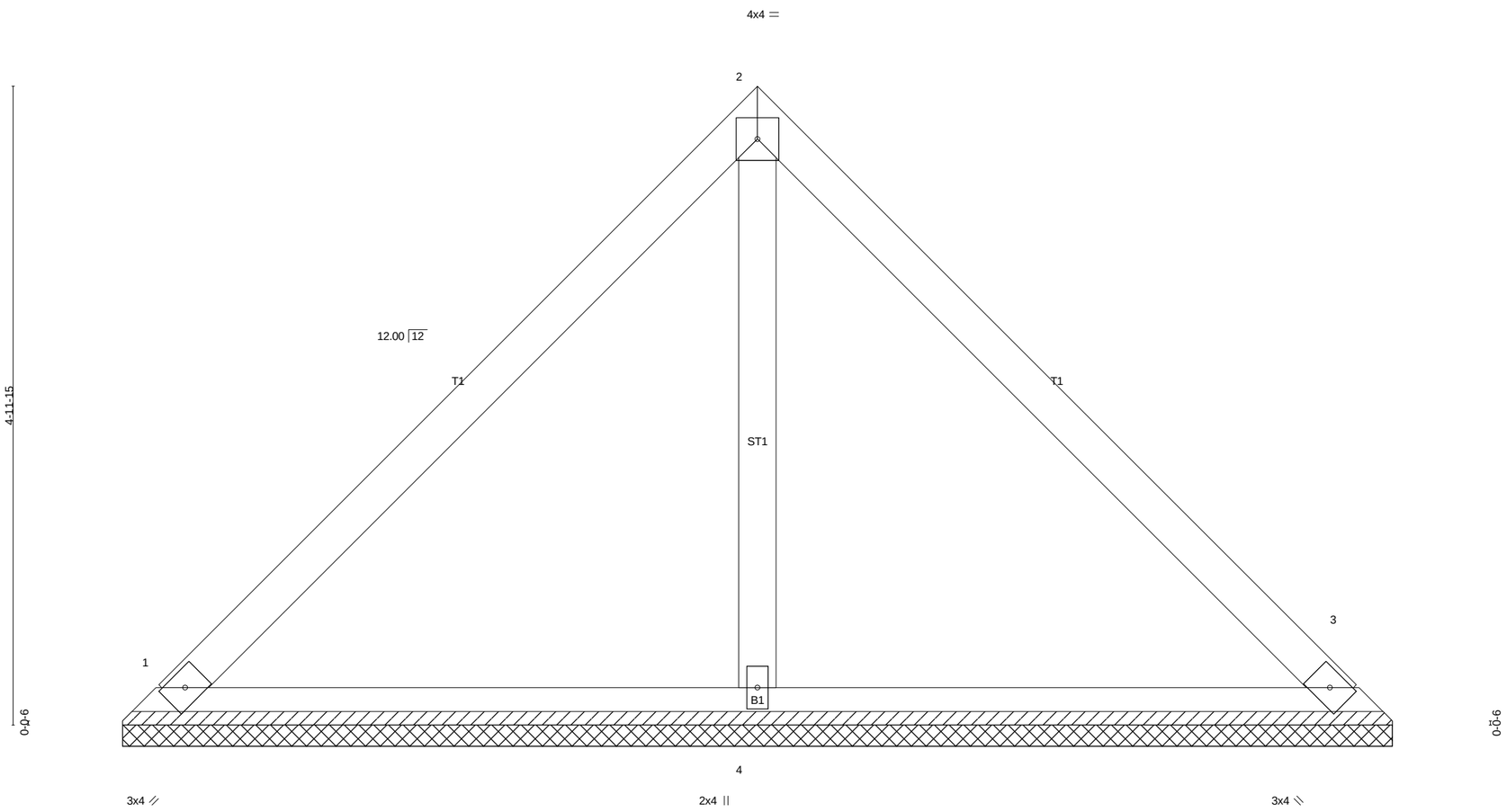
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VG1	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:13 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-JaVvQa8Ged7MOyGhux82?Z1HVlxpDdEkiUoZHgybO6C

4-11-15 | 9-11-14
4-11-15 | 4-11-15

Scale: 1"=1'



0-0-6 | 9-11-14
0-0-6 | 9-11-8

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	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 41 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=211/9-11-2 (min. 0-1-8), 3=211/9-11-2 (min. 0-1-8), 4=322/9-11-2 (min. 0-1-8)
Max Horz 1=111(LC 9)
Max Uplift1=-28(LC 13), 3=-28(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
6) Non Standard bearing condition. Review required.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

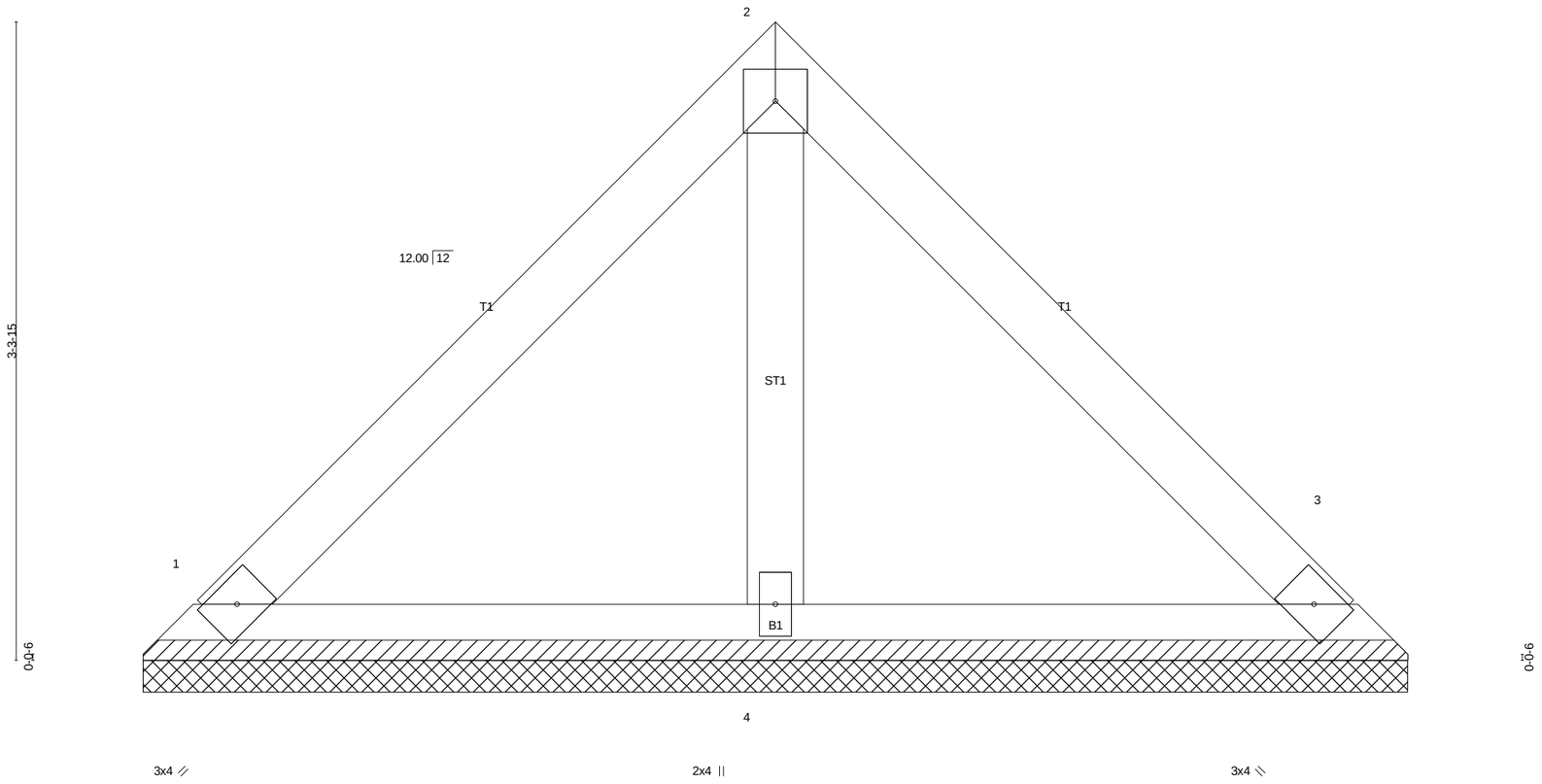
Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VG2	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:13 2023 Page 1
ID:MNXubvpAOspM1cCRTzrReHybiS3-JaVvQa8Ged7MOyGhux82?Z1IwlyHDe_kiUoZHgybO6C

3-3-15
3-3-15
6-7-14
3-3-15

Scale = 1:8.7



0-0-6
0-0-6
6-7-14
6-7-8

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 0.15	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.07	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.02	Horz(CT) 0.00 3 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 26 lb FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=145/6-7-2 (min. 0-1-8), 3=145/6-7-2 (min. 0-1-8), 4=186/6-7-2 (min. 0-1-8)
Max Horz 1=71(LC 9)
Max Uplift1=-26(LC 13), 3=-26(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
6) Non Standard bearing condition. Review required.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Southern Touch/45 West Pointe/Harnett
J0923-5290	VG3	VALLEY	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Curtis Quick

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Thu Sep 21 15:03:14 2023 Page 1
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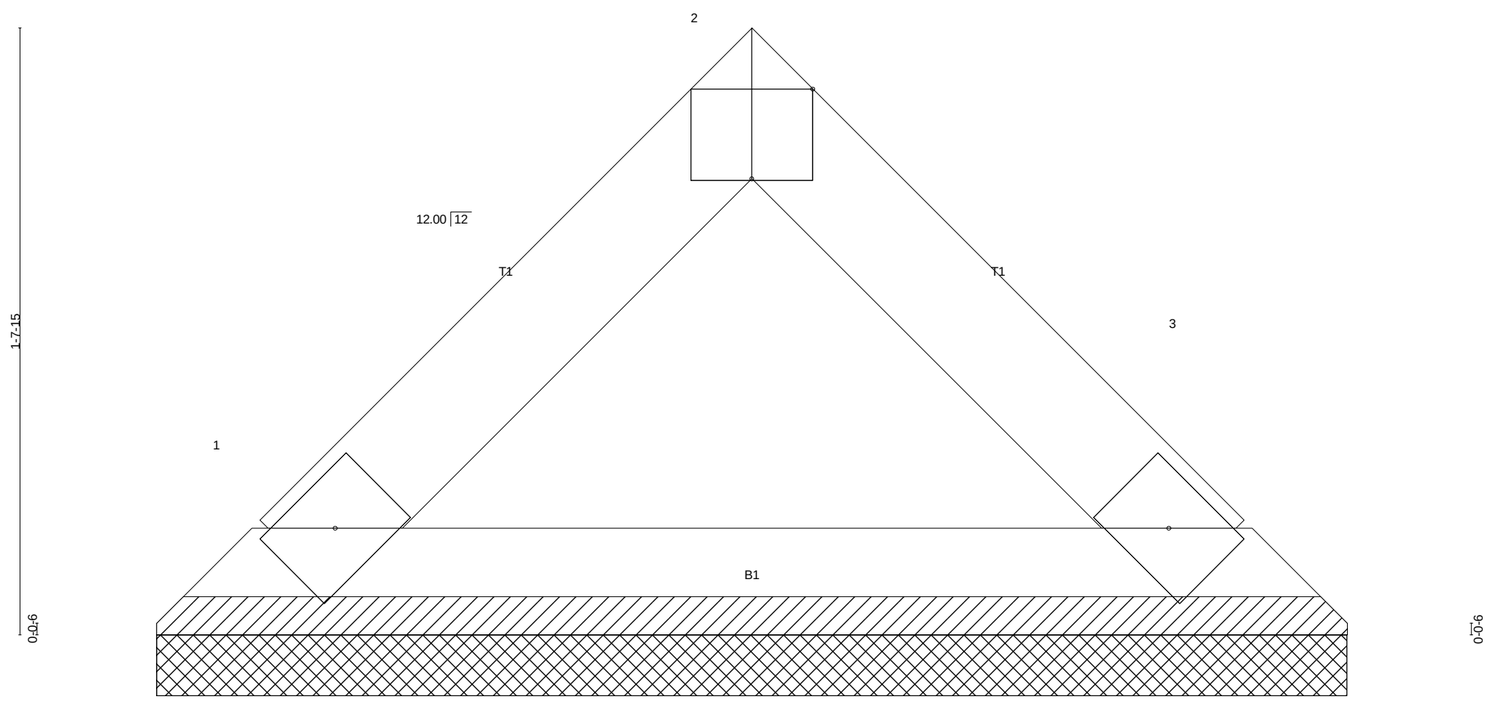
1-7-15
1-7-15

3-3-14
1-7-15

3x4 =

Scale = 1:4.7



3x4 ⟋ 3x4 ⟍

0-0-6
0-0-6

3-3-14
3-3-8

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	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 11 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=105/3-3-2 (min. 0-1-8), 3=105/3-3-2 (min. 0-1-8)
Max Horz 1=31(LC 9)
Max Uplift1=-3(LC 13), 3=-3(LC 13)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
6) Non Standard bearing condition. Review required.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard