

Job 69028978	Truss A1	Truss Type Common Supported Gable	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:50:47 2019 Page 1

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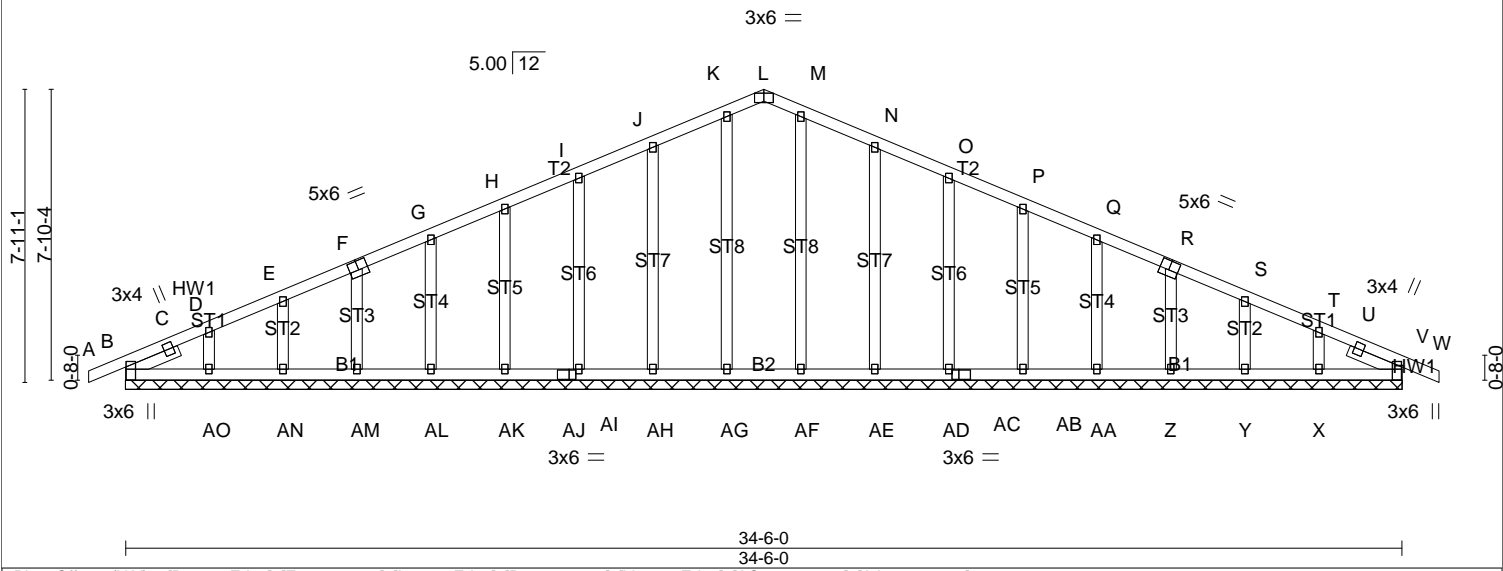
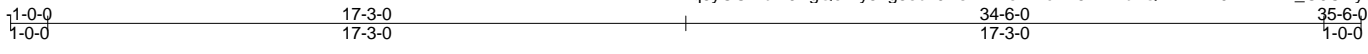


Plate Offsets (X,Y)-- [B:0-4-3,Edge], [F:0-3-0,0-3-0], [L:0-3-0,Edge], [R:0-3-0,0-3-0], [V:0-4-3,Edge], [AC:0-2-4,0-1-8], [AJ:0-2-4,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.10	Vert(LL) -0.00 V n/r 120	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.04	Vert(CT) -0.00 W n/r 90		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.11	Horz(CT) 0.01 V n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-SH			Weight: 210 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 - 1-6-7, Right 2x4 SP No.3 - 1-6-7

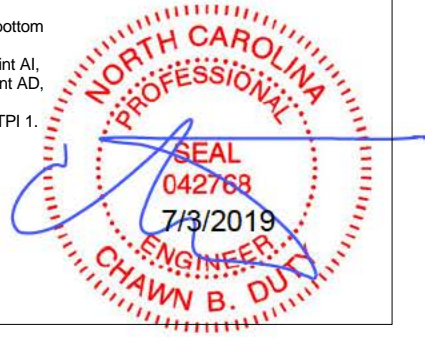
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) B=160/34-6-0 (min. 0-4-8), AG=153/34-6-0 (min. 0-4-8), AH=161/34-6-0 (min. 0-4-8), AI=160/34-6-0 (min. 0-4-8), AK=160/34-6-0 (min. 0-4-8), AL=160/34-6-0 (min. 0-4-8), AM=160/34-6-0 (min. 0-4-8), AN=159/34-6-0 (min. 0-4-8), AO=168/34-6-0 (min. 0-4-8), AF=153/34-6-0 (min. 0-4-8), AE=161/34-6-0 (min. 0-4-8), AD=160/34-6-0 (min. 0-4-8), AB=160/34-6-0 (min. 0-4-8), AA=160/34-6-0 (min. 0-4-8), Z=160/34-6-0 (min. 0-4-8), Y=159/34-6-0 (min. 0-4-8), X=169/34-6-0 (min. 0-4-8), V=160/34-6-0 (min. 0-4-8)
Max Horz B=-133(LC 11)
Max Uplift B=-11(LC 11), AH=-61(LC 10), AI=-44(LC 10), AK=-47(LC 10), AL=-46(LC 10), AM=-48(LC 10), AN=-40(LC 10), AO=-86(LC 10), AE=66(LC 11), AD=-44(LC 11), AB=47(LC 11), AA=46(LC 11), Z=-48(LC 11), Y=-42(LC 11), X=-76(LC 11)
Max Grav B=160(LC 1), AG=155(LC 20), AH=163(LC 21), AI=160(LC 1), AK=160(LC 21), AL=160(LC 1), AM=160(LC 21), AN=159(LC 1), AO=169(LC 21), AF=153(LC 1), AE=163(LC 22), AD=160(LC 1), AB=160(LC 22), AA=160(LC 1), Z=160(LC 22), Y=159(LC 1), X=169(LC 22), V=160(LC 1)

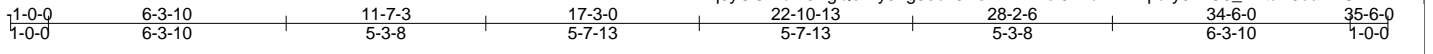
FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/3, B-C=-184/44, C-D=-172/50, D-E=-127/56, E-F=-94/67, F-G=-74/83, G-H=-55/104, H-I=-51/125, I-J=-64/145, J-K=-81/192, K-L=-80/189, L-M=-80/189, M-N=-81/192, N-O=-64/145, O-P=-51/106, P-Q=-40/65, Q-R=-40/32, R-S=-56/16, S-T=-76/20, T-U=-118/41, U-V=-129/33, V-W=0/3
BOT CHORD B-AO=-38/139, AN-AO=-38/139, AM-AN=-38/139, AL-AM=-38/139, AK-AL=-38/139, AJ-AK=-38/139, AI-AJ=-38/139, AH-AI=-38/139, AG-AH=-38/139, AF-AG=-38/139, AE-AF=-38/139, AD-AE=-38/139, AC-AD=-38/139, AB-AC=-38/139, AA-AB=-38/139, Z-AA=-38/139, Y-Z=-38/139, X-Y=-38/139, V-X=-38/139
WEBS K-AG=-115/5, J-AH=-123/102, I-AI=-120/77, H-AK=-120/81, G-AL=-120/80, F-AM=-120/81, E-AN=-120/78, D-AO=-124/106, M-AF=-113/0, N-AE=-123/102, O-AD=-120/77, P-AB=-120/81, Q-AA=-120/80, R-Z=-120/81, S-Y=-120/78, T-X=-124/99

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 2x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 11 lb uplift at joint B, 61 lb uplift at joint AH, 44 lb uplift at joint AI, 47 lb uplift at joint AK, 46 lb uplift at joint AL, 48 lb uplift at joint AM, 40 lb uplift at joint AN, 86 lb uplift at joint AO, 66 lb uplift at joint AE, 44 lb uplift at joint AD, 47 lb uplift at joint AB, 46 lb uplift at joint AA, 48 lb uplift at joint Z, 42 lb uplift at joint Y and 76 lb uplift at joint X.
 - 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



UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:50:53 2019 Page 1
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Scale = 1:61.0

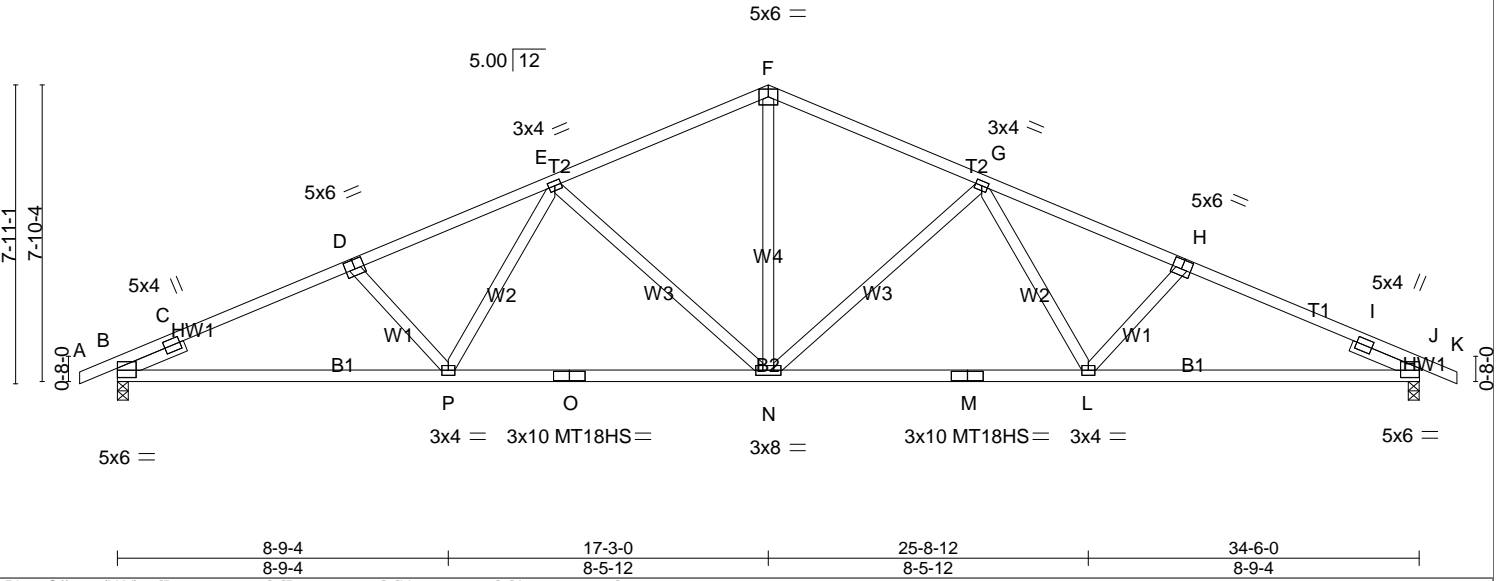


Plate Offsets (X,Y)-- [B:0-0-0,0-2-15], [D:0-3-0,0-3-0], [H:0-3-0,0-3-0], [J:0-0-0,0-2-15]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.92	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.98	Vert(LL) -0.18 L-N >999 240	MT18HS	244/190
BCLL 0.0 *	Lumber DOL 1.15	WB 0.73	Vert(CT) -0.42 N-P >989 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) 0.13 J n/a n/a		
	Code IRC2015/TPI2014				Weight: 177 lb FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 WEBS 2x4 SP No.3
 SLIDER Left 2x4 SP No.3 - 1-11-0, Right 2x4 SP No.3 - 1-11-0

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 1-9-11 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) B=1440/0-3-8 (min. 0-2-4), J=1440/0-3-8 (min. 0-2-4)
 Max Horz B=-133(LC 15)
 Max Uplift B=-216(LC 10), J=-216(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/23, B-C=-917/6, C-D=-2637/719, D-E=-2450/689, E-F=-1809/577, F-G=-1809/577, G-H=-2450/689, H-I=-2637/719, I-J=-917/6, J-K=0/23
 BOT CHORD B-P=-550/2368, O-P=-418/2061, N-O=-418/2061, M-N=-418/2061, L-M=-418/2061, J-L=-550/2368
 WEBS F-N=-268/1032, G-N=-644/270, G-L=-34/408, H-L=-240/180, E-N=-644/270, E-P=-34/408, D-P=-240/180

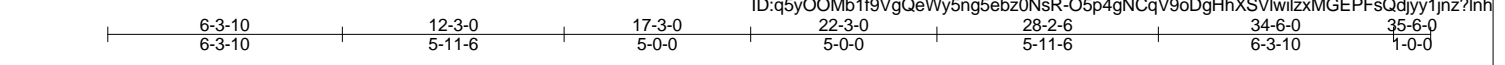
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; 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) 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 20.0psf 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 216 lb uplift at joint B and 216 lb uplift at joint J.
 - 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 69028978	Truss A3	Truss Type Common	Qty 9	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:50:58 2019 Page 1
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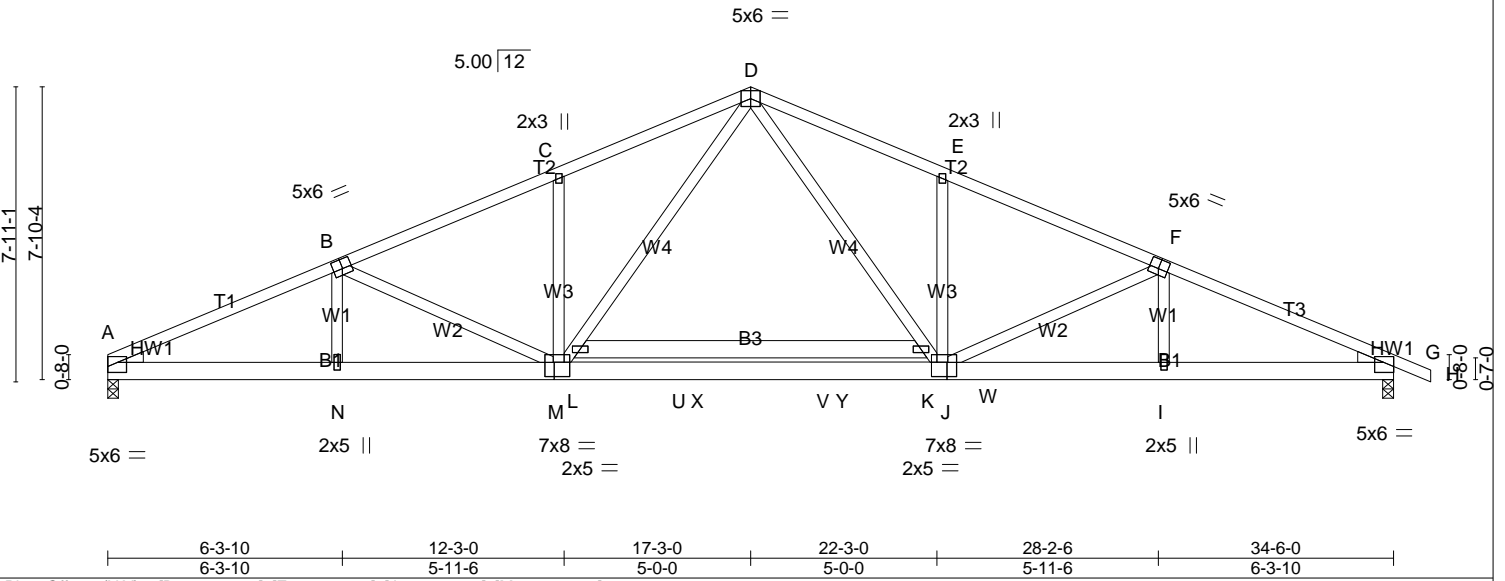


Plate Offsets (X,Y)-- [B:0-3-0,0-3-0], [F:0-3-0,0-3-0], [J:0-3-0,0-4-8], [M:0-3-0,0-4-8]

LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TP12014	CSI. TC 0.63 BC 0.89 WB 0.54 Matrix-MSH	DEFL. in (loc) l/defl L/d Vert(LL) -0.26 K-L >999 240 Vert(CT) -0.56 K-L >745 180 Horz(CT) 0.08 G n/a n/a	PLATES MT20 GRIP 244/190 Weight: 229 lb FT = 20%
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LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x6 SP No.2
 WEBS 2x4 SP No.3
 WEDGE
 Left: 2x4 SP No.2 , Right: 2x4 SP No.2

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

REACTIONS. (lb/size) A=1474/0-3-8 (min. 0-2-5), G=1536/0-3-8 (min. 0-2-7)
 Max Horz A=-140(LC 11)
 Max Uplift A=-136(LC 10), G=-159(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-2935/594, B-C=-2591/513, C-D=-2599/632, D-E=-2597/631, E-F=-2589/511, F-G=-2925/585, G-H=0/23
 BOT CHORD A-N=-445/2638, M-N=-447/2639, M-U=-68/1680, U-V=-68/1680, V-W=-68/1680, J-W=-68/1680, I-J=-438/2630, G-I=-436/2629, L-X=-83/118, X-Y=-83/118, K-Y=-83/118
 WEBS D-K=-199/1060, J-K=-296/1006, E-J=-361/236, F-J=-390/200, F-I=-69/73, L-M=-298/1009, D-L=-201/1062, C-M=-360/235, B-M=-399/209, B-N=-64/78

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; 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 20.0psf 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 136 lb uplift at joint A and 159 lb uplift at joint G.
 - 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 69028978	Truss A4	Truss Type Common Supported Gable	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:03 2019 Page 1

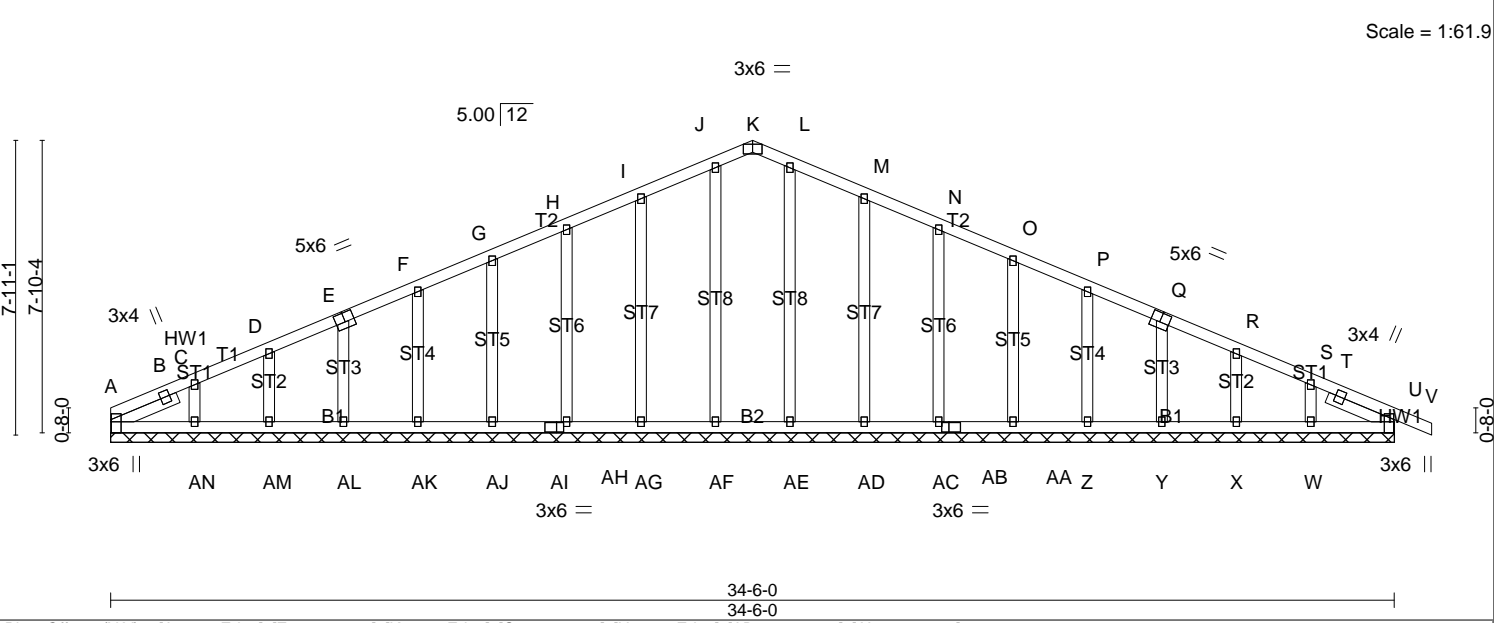
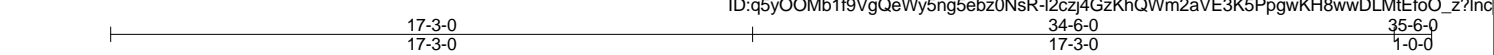


Plate Offsets (X,Y)-- [A:0-4-3,Edge], [E:0-3-0,0-3-0], [K:0-3-0,Edge], [Q:0-3-0,0-3-0], [U:0-4-3,Edge], [AB:0-2-4,0-1-8], [AI:0-2-4,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.10	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.04	Vert(LL) -0.00 U n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.11	Vert(CT) -0.00 V n/r 90		
BCDL 10.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.01 U n/a n/a		
	Code IRC2015/TPI2014				Weight: 209 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 - 1-11-0, Right 2x4 SP No.3 - 1-11-0

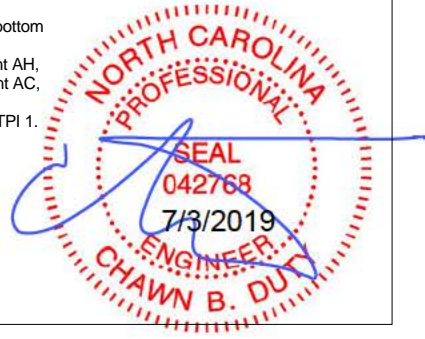
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=85/34-6-0 (min. 0-4-7), AF=153/34-6-0 (min. 0-4-7), AG=161/34-6-0 (min. 0-4-7), AH=160/34-6-0 (min. 0-4-7), AJ=160/34-6-0 (min. 0-4-7), AK=160/34-6-0 (min. 0-4-7), AL=161/34-6-0 (min. 0-4-7), AM=156/34-6-0 (min. 0-4-7), AN=184/34-6-0 (min. 0-4-7), AE=153/34-6-0 (min. 0-4-7), AD=161/34-6-0 (min. 0-4-7), AC=160/34-6-0 (min. 0-4-7), AA=160/34-6-0 (min. 0-4-7), Z=160/34-6-0 (min. 0-4-7), Y=160/34-6-0 (min. 0-4-7), X=160/34-6-0 (min. 0-4-7), W=166/34-6-0 (min. 0-4-7), U=160/34-6-0 (min. 0-4-7)
Max Horz A=-134(LC 15)
Max Uplift A=-3(LC 11), AG=-60(LC 10), AH=-44(LC 10), AJ=-47(LC 10), AK=-47(LC 10), AL=-48(LC 10), AM=-42(LC 10), AN=-88(LC 10), AD=-66(LC 11), AC=-44(LC 11), AA=-47(LC 11), Z=-47(LC 11), Y=-47(LC 11), X=-45(LC 11), W=-72(LC 11)
Max Grav A=111(LC 19), AF=155(LC 20), AG=163(LC 21), AH=160(LC 1), AJ=160(LC 21), AK=160(LC 1), AL=161(LC 21), AM=156(LC 1), AN=185(LC 21), AE=153(LC 1), AD=163(LC 22), AC=160(LC 1), AA=160(LC 22), Z=160(LC 1), Y=160(LC 22), X=160(LC 1), W=167(LC 22), U=160(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-190/37, B-C=-174/50, C-D=-130/56, D-E=-95/67, E-F=-74/82, F-G=-55/102, G-H=-49/123, H-I=-62/143, I-J=-79/190, J-K=-78/187, K-L=-78/187, L-M=-79/190, M-N=-62/143, N-O=-49/104, O-P=-39/63, P-Q=-39/30, Q-R=-55/15, R-S=-79/22, S-T=-118/43, T-U=-133/36, U-V=0/3
BOT CHORD A-AN=-40/140, AM-AN=-40/140, AL-AM=-40/140, AK-AL=-40/140, AJ-AK=-40/140, AI-AJ=-40/140, AH-AI=-40/140, AG-AH=-40/140, AF-AG=-40/140, AE-AF=-40/140, AD-AE=-40/140, AC-AD=-40/140, AB-AC=-40/140, AA-AB=-40/140, Z-AA=-40/140, Y-Z=-40/140, X-Y=-40/140, W-X=-40/140, U-W=-40/140
WEBS J-AF=-115/6, I-AG=-123/102, H-AH=-120/77, G-AJ=-120/81, F-AK=-120/80, E-AL=-120/81, D-AM=-119/78, C-AN=-136/110, L-AE=-113/0, M-AD=-123/102, N-AC=-120/77, O-AA=-120/81, P-Z=-120/81, Q-Y=-120/81, R-X=-121/80, S-W=-123/97

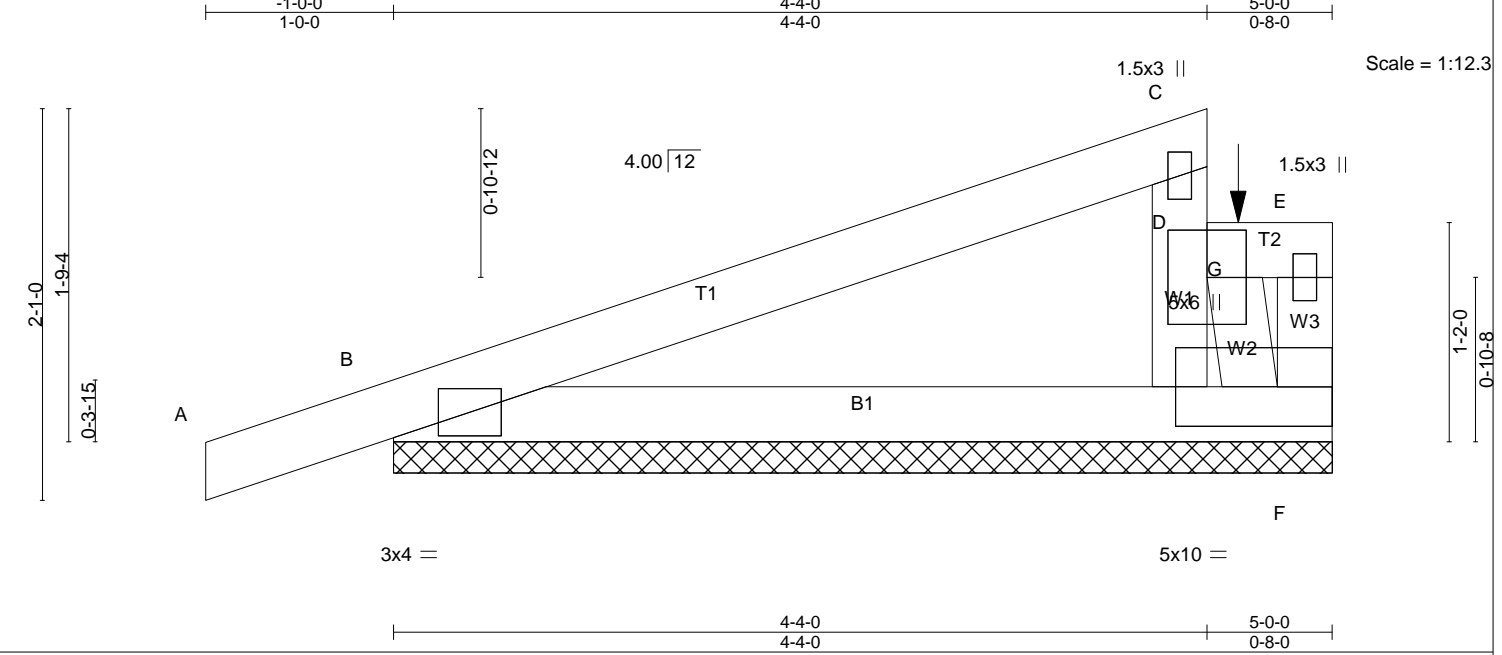
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 2x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3 lb uplift at joint A, 60 lb uplift at joint AG, 44 lb uplift at joint AH, 47 lb uplift at joint AJ, 47 lb uplift at joint AK, 48 lb uplift at joint AL, 42 lb uplift at joint AM, 88 lb uplift at joint AN, 66 lb uplift at joint AD, 44 lb uplift at joint AC, 47 lb uplift at joint AA, 47 lb uplift at joint Z, 47 lb uplift at joint Y, 45 lb uplift at joint X and 72 lb uplift at joint W.
 - 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 69028978	Truss J1	Truss Type Monopitch Supported Gable	Qty 2	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
 8-310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:08 2019 Page 1
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LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr NO Code IRC2015/TPI2014	CSI. TC 0.34 BC 0.27 WB 0.23 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) 0.00 A n/r 120 Vert(CT) 0.01 A n/r 90 Horz(CT) 0.00 F n/a n/a	PLATES GRIP MT20 244/190 Weight: 20 lb FT = 20%
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LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3	BRACING- TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: D-E. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS. (lb/size) F=334/5-0-0 (min. 0-1-8), B=271/5-0-0 (min. 0-1-8)
 Max Horz B=60(LC 7)
 Max Uplift B=68(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/17, B-C=-152/0, E-F=-111/0, D-G=-75/0, E-G=-75/0
 BOT CHORD B-F=0/103
 WEBS D-F=-173/49, C-D=-85/103

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) C-C wind load user defined.
 - 4) Truss designed for wind loads in the plane of the truss only.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) Gable studs spaced at 2-0-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint B.
 - 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) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
 - 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

- LOAD CASE(S)**
- 1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: A-C=60, B-F=20, D-E=160
 Concentrated Loads (lb)
 Vert: G=90
 - 2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: A-C=50, B-F=20, D-E=150
 Concentrated Loads (lb)
 Vert: G=90
 - 3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: A-C=20, B-F=40, D-E=120
 Concentrated Loads (lb)
 Vert: G=90
 - 4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60



Continued on page 2

This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss J1	Truss Type Monopitch Supported Gable	Qty 2	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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ID:q5yOOMB1f9VgQeWy5ng5ebz0NsR-50PsmoK69E2otpSS1cwG6sNjGInUbSk51WNZ3Bz?InX

LOAD CASE(S)

- Uniform Loads (plf)
 - Vert: A-B=59, B-C=49, B-F=12, D-E=-48
 - Horz: A-B=-71, B-C=-61, E-F=41
- Concentrated Loads (lb)
 - Vert: G=-90
- 5) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=-4, B-C=-42, B-F=-20, D-E=-136
 - Horz: A-B=-16, B-C=22, E-F=-38
 - Concentrated Loads (lb)
 - Vert: G=-90
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=42, B-C=28, B-F=-12, D-E=-89
 - Horz: A-B=-54, B-C=-40, E-F=21
 - Concentrated Loads (lb)
 - Vert: G=-90
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=10, B-C=16, B-F=-12, D-E=-72
 - Horz: A-B=-22, B-C=-28, E-F=-16
 - Concentrated Loads (lb)
 - Vert: G=-90
- 8) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=15, B-C=9, B-F=-20, D-E=-109
 - Horz: A-B=-35, B-C=-29, E-F=10
 - Concentrated Loads (lb)
 - Vert: G=-90
- 9) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=2, B-C=-4, B-F=-20, D-E=-91
 - Horz: A-B=-22, B-C=-16, E-F=-28
 - Concentrated Loads (lb)
 - Vert: G=-90
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=23, B-C=28, B-F=-12, D-E=-89
 - Horz: A-B=-35, B-C=-40, E-F=20
 - Concentrated Loads (lb)
 - Vert: G=-90
- 11) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=5, B-C=11, B-F=-12, D-E=-72
 - Horz: A-B=-17, B-C=-23, E-F=-14
 - Concentrated Loads (lb)
 - Vert: G=-90
- 12) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=23, B-C=28, B-F=-12, D-E=-89
 - Horz: A-B=-35, B-C=-40, E-F=20
 - Concentrated Loads (lb)
 - Vert: G=-90
- 13) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=5, B-C=11, B-F=-12, D-E=-72
 - Horz: A-B=-17, B-C=-23, E-F=-14
 - Concentrated Loads (lb)
 - Vert: G=-90
- 14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=15, B-C=9, B-F=-20, D-E=-109
 - Horz: A-B=-35, B-C=-29, E-F=8
 - Concentrated Loads (lb)
 - Vert: G=-90
- 15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=-3, B-C=-9, B-F=-20, D-E=-91
 - Horz: A-B=-17, B-C=-11, E-F=-26
 - Concentrated Loads (lb)
 - Vert: G=-90
- 16) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
 - Uniform Loads (plf)
 - Vert: A-C=-20, B-F=-20, D-E=-120
 - Concentrated Loads (lb)
 - Vert: G=-90
- 17) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=-24, B-C=-28, B-F=-20, D-E=-142
 - Horz: A-B=-26, B-C=-22, E-F=7
 - Concentrated Loads (lb)
 - Vert: G=-90
- 18) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=-34, B-C=-38, B-F=-20, D-E=-128
 - Horz: A-B=-16, B-C=-12, E-F=-21
 - Concentrated Loads (lb)
 - Vert: G=-90
- 19) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60



Continued on page 3

This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss J1	Truss Type Monopitch Supported Gable	Qty 2	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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LOAD CASE(S)

- Uniform Loads (plf)
 - Vert: A-B=-24, B-C=-28, B-F=-20, D-E=-142
 - Horz: A-B=-26, B-C=-22, E-F=6
- Concentrated Loads (lb)
 - Vert: G=-90
- 20) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
 - Uniform Loads (plf)
 - Vert: A-B=-37, B-C=-42, B-F=-20, D-E=-128
 - Horz: A-B=-13, B-C=-8, E-F=-19
 - Concentrated Loads (lb)
 - Vert: G=-90
- 21) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
 - Uniform Loads (plf)
 - Vert: A-C=-60, B-F=-20, D-E=-120
 - Concentrated Loads (lb)
 - Vert: G=-90
- 22) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
 - Uniform Loads (plf)
 - Vert: A-C=-20, B-F=-20, D-E=-160
 - Concentrated Loads (lb)
 - Vert: G=-90
- 23) 3rd Dead + 0.75 Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
 - Uniform Loads (plf)
 - Vert: A-C=-50, B-F=-20, D-E=-120
 - Concentrated Loads (lb)
 - Vert: G=-90
- 24) 4th Dead + 0.75 Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
 - Uniform Loads (plf)
 - Vert: A-C=-20, B-F=-20, D-E=-150
 - Concentrated Loads (lb)
 - Vert: G=-90



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.

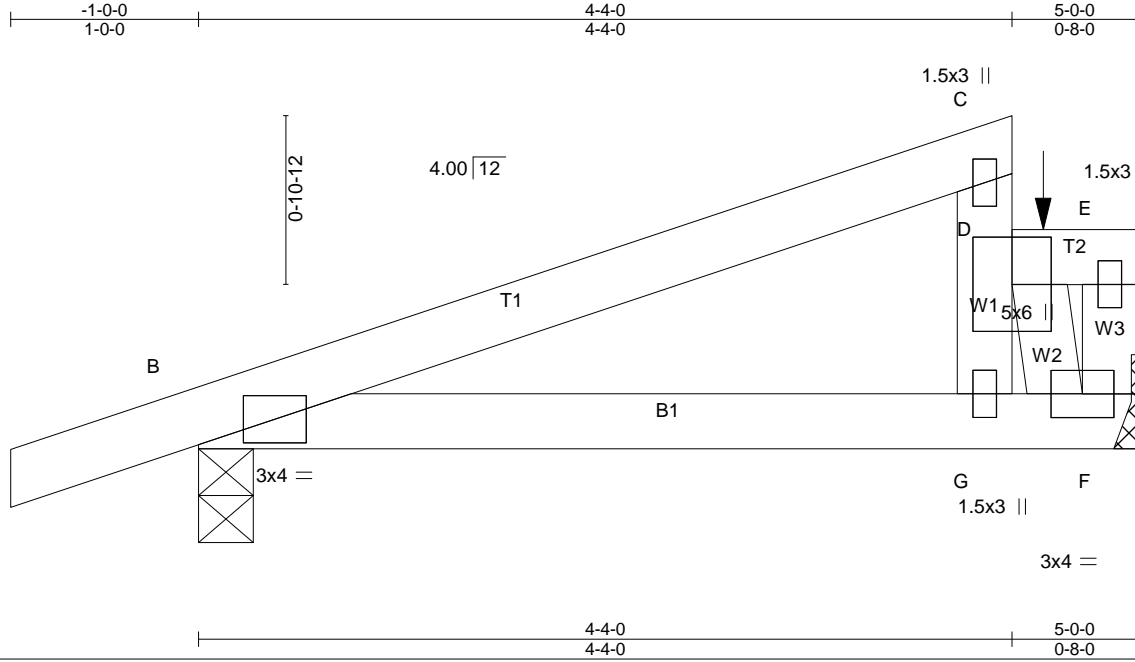


Job 69028978	Truss J2	Truss Type Monopitch	Qty 9	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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Scale = 1:12.3

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.24	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.25	Vert(LL) -0.01 G-J >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.34	Vert(CT) -0.02 G-J >999 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MSH	Horz(CT) 0.00 F n/a n/a		
	Code IRC2015/TPI2014			Weight: 20 lb	FT = 20%

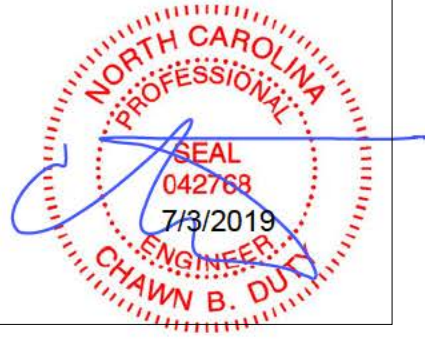
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: D-E.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) F=310/Mechanical, B=272/0-3-8 (min. 0-1-8)
Max Horz B=60(LC 7)
Max Uplift B=66(LC 6)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/19, B-C=-177/0, E-F=42/0, D-E=-17/18
BOT CHORD B-G=0/143, F-G=0/199
WEBS D-G=-32/170, C-D=-88/79, D-F=-390/6

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - C-C wind load user defined.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint B.
 - 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) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

- LOAD CASE(S)**
- Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-C=60, F-H=-20, D-E=-160
Concentrated Loads (lb)
Vert: D=90
 - Dead + 0.75 Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-C=50, F-H=-20, D-E=-150
Concentrated Loads (lb)
Vert: D=90
 - Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: A-C=20, F-H=-40, D-E=-120
Concentrated Loads (lb)
Vert: D=90
 - Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=59, B-C=49, F-H=-12, D-E=-48
Horz: A-B=-71, B-C=-61, E-F=41



Continued on page 2

This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss J2	Truss Type Monopitch	Qty 9	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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LOAD CASE(S)

- Concentrated Loads (lb)
Vert: D=-90
- 5) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-4, B-C=-42, F-H=-20, D-E=-136
Horz: A-B=-16, B-C=22, E-F=-38
Concentrated Loads (lb)
Vert: D=-90
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=42, B-C=28, F-H=-12, D-E=-89
Horz: A-B=-54, B-C=-40, E-F=21
Concentrated Loads (lb)
Vert: D=-90
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=10, B-C=16, F-H=-12, D-E=-72
Horz: A-B=-22, B-C=-28, E-F=-16
Concentrated Loads (lb)
Vert: D=-90
- 8) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=15, B-C=9, F-H=-20, D-E=-109
Horz: A-B=-35, B-C=-29, E-F=10
Concentrated Loads (lb)
Vert: D=-90
- 9) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=2, B-C=-4, F-H=-20, D-E=-91
Horz: A-B=-22, B-C=-16, E-F=-28
Concentrated Loads (lb)
Vert: D=-90
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=23, B-C=28, F-H=-12, D-E=-89
Horz: A-B=-35, B-C=40, E-F=20
Concentrated Loads (lb)
Vert: D=-90
- 11) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=5, B-C=11, F-H=-12, D-E=-72
Horz: A-B=-17, B-C=-23, E-F=-14
Concentrated Loads (lb)
Vert: D=-90
- 12) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=23, B-C=28, F-H=-12, D-E=-89
Horz: A-B=-35, B-C=40, E-F=20
Concentrated Loads (lb)
Vert: D=-90
- 13) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=5, B-C=11, F-H=-12, D-E=-72
Horz: A-B=-17, B-C=-23, E-F=-14
Concentrated Loads (lb)
Vert: D=-90
- 14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=15, B-C=9, F-H=-20, D-E=-109
Horz: A-B=-35, B-C=-29, E-F=8
Concentrated Loads (lb)
Vert: D=-90
- 15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-3, B-C=-9, F-H=-20, D-E=-91
Horz: A-B=-17, B-C=-11, E-F=-26
Concentrated Loads (lb)
Vert: D=-90
- 16) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
Uniform Loads (plf)
Vert: A-C=-20, F-H=-20, D-E=-120
Concentrated Loads (lb)
Vert: D=-90
- 17) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-24, B-C=-28, F-H=-20, D-E=-142
Horz: A-B=-26, B-C=-22, E-F=7
Concentrated Loads (lb)
Vert: D=-90
- 18) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-34, B-C=-38, F-H=-20, D-E=-128
Horz: A-B=-16, B-C=-12, E-F=-21
Concentrated Loads (lb)
Vert: D=-90
- 19) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-24, B-C=-28, F-H=-20, D-E=-142
Horz: A-B=-26, B-C=-22, E-F=6



Continued on page 3

This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss J2	Truss Type Monopitch	Qty 9	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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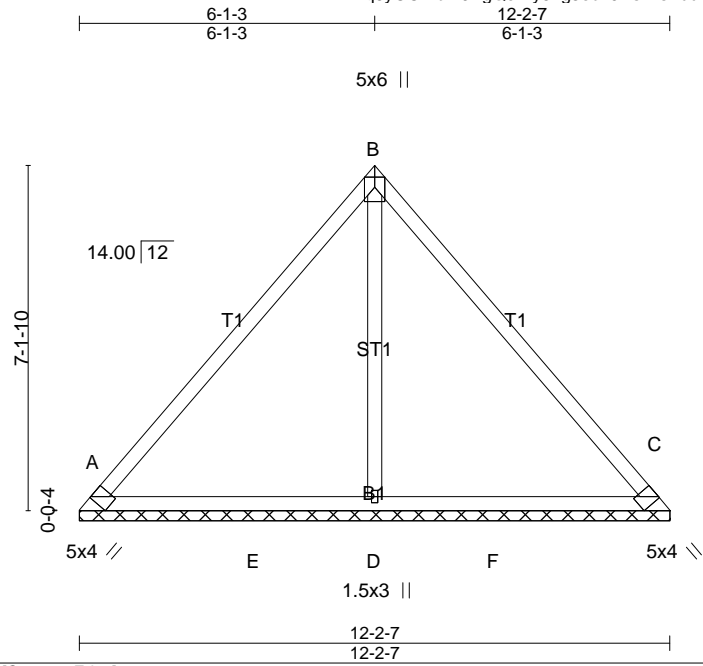
LOAD CASE(S)

- Concentrated Loads (lb)
Vert: D=-90
- 20) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: A-B=-37, B-C=-42, F-H=-20, D-E=-128
Horz: A-B=-13, B-C=-8, E-F=-19
- Concentrated Loads (lb)
Vert: D=-90
- 21) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: A-C=-60, F-H=-20, D-E=-120
- Concentrated Loads (lb)
Vert: D=-90
- 22) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: A-C=-20, F-H=-20, D-E=-160
- Concentrated Loads (lb)
Vert: D=-90
- 23) 3rd Dead + 0.75 Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: A-C=-50, F-H=-20, D-E=-120
- Concentrated Loads (lb)
Vert: D=-90
- 24) 4th Dead + 0.75 Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: A-C=-20, F-H=-20, D-E=-150
- Concentrated Loads (lb)
Vert: D=-90



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.





Scale: 1/4"=1'

Plate Offsets (X,Y)-- [A:0-3-7,Edge], [B:Edge,0-2-8], [C:0-0-11,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 0.47	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.41	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.17	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-SH			
				Weight: 54 lb	FT = 20%

LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.3	BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
--	--

REACTIONS. (lb/size) A=262/12-2-6 (min. 0-1-9), C=262/12-2-6 (min. 0-1-9), D=404/12-2-6 (min. 0-1-9)
 Max Horz A=183(LC 7)
 Max Uplift A=51(LC 11), C=34(LC 10), D=39(LC 10)
 Max Grav A=262(LC 1), C=262(LC 1), D=522(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-253/127, B-C=-229/105
 BOT CHORD A-E=-62/129, D-E=-62/129, D-F=-62/129, C-F=-62/129
 WEBS B-D=-200/55

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; 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 20.0psf 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 51 lb uplift at joint A, 34 lb uplift at joint C and 39 lb uplift at joint D.
 - 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

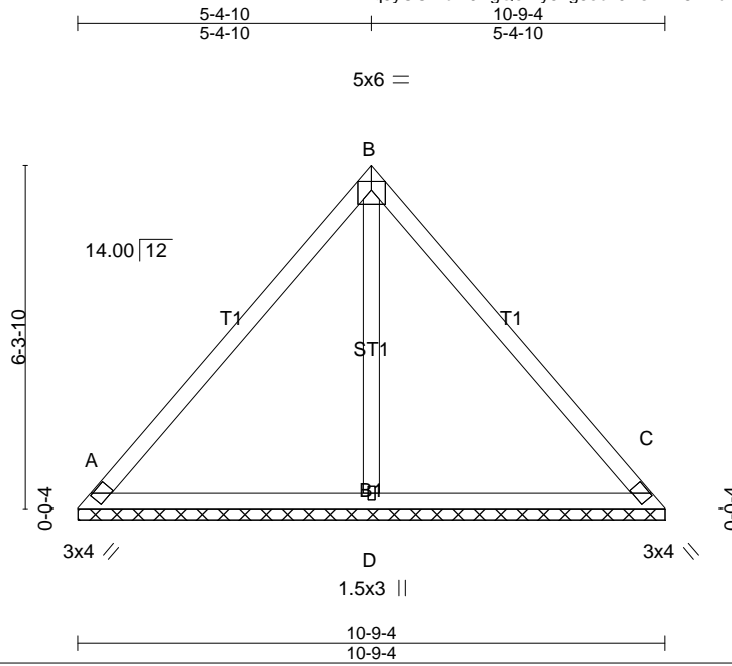


Job 69028978	Truss V2	Truss Type Valley	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

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Scale = 1:42.3

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

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 0.36	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.34	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.12	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 48 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS. (lb/size) A=230/10-9-3 (min. 0-1-8), C=230/10-9-3 (min. 0-1-8), D=354/10-9-3 (min. 0-1-8)
 Max Horz A=-160(LC 6)
 Max Uplift A=45(LC 11), C=-30(LC 10), D=-34(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-222/112, B-C=-201/93
 BOT CHORD A-D=-54/113, C-D=-54/113
 WEBS B-D=-175/51

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint A, 30 lb uplift at joint C and 34 lb uplift at joint D.
 - Non Standard bearing condition. Review required.
 - 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



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.

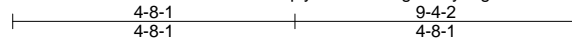


Job 69028978	Truss V3	Truss Type Valley	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts

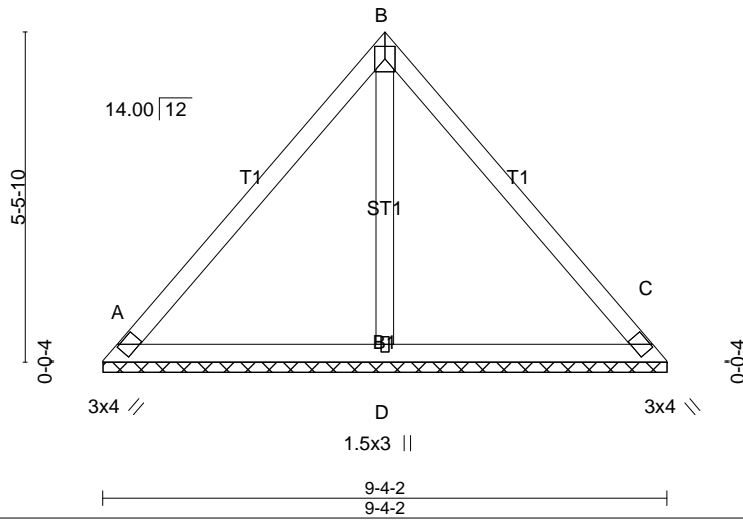
8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:24 2019 Page 1

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5x4 =

Scale = 1:38.2



LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.26 BC 0.26 WB 0.08 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) n/a - n/a 999 Vert(CT) n/a - n/a 999 Horz(CT) 0.00 C n/a n/a	PLATES GRIP MT20 244/190 Weight: 41 lb FT = 20%
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LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.3	BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS. (lb/size) A=197/9-4-1 (min. 0-1-8), C=197/9-4-1 (min. 0-1-8), D=304/9-4-1 (min. 0-1-8)
Max Horz A=-138(LC 6)
Max Uplift A=-39(LC 11), C=-26(LC 10), D=-29(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-191/96, B-C=-173/82
BOT CHORD A-D=-47/97, C-D=-47/97
WEBS B-D=-151/46

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20.0psf 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 39 lb uplift at joint A, 26 lb uplift at joint C and 29 lb uplift at joint D.
 - 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

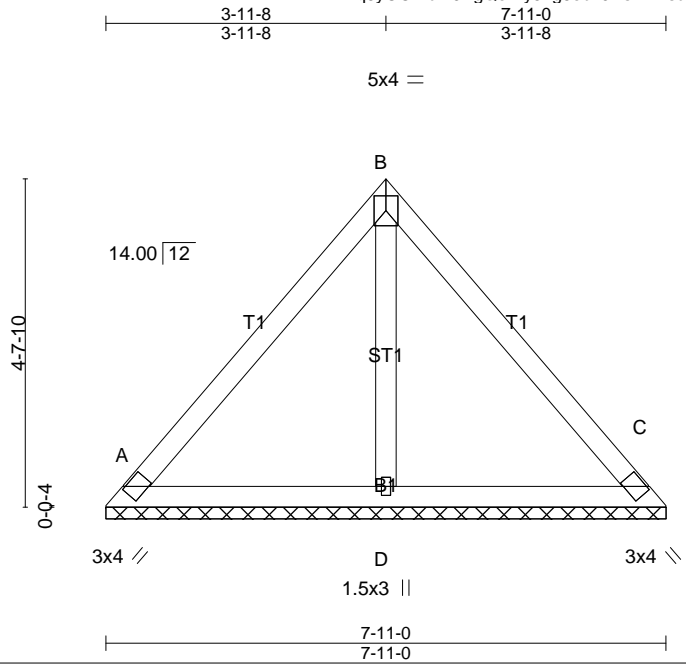


This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness and accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss V4	Truss Type Valley	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:28 2019 Page 1
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Scale = 1:32.6

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.18	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.18	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.05	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.00 C n/a n/a		
	Code IRC2015/TPI2014			Weight: 35 lb	FT = 20%

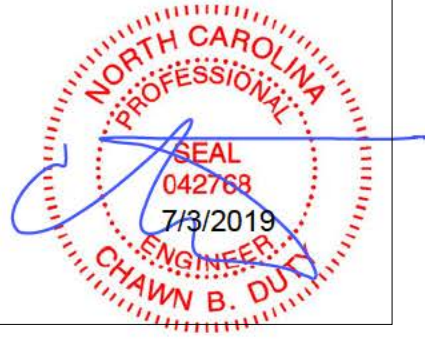
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS. (lb/size) A=165/7-10-15 (min. 0-1-8), C=165/7-10-15 (min. 0-1-8), D=255/7-10-15 (min. 0-1-8)
 Max Horz A=115(LC 7)
 Max Uplift A=-32(LC 11), C=-22(LC 10), D=-24(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-159/80, B-C=-145/71
 BOT CHORD A-D=-39/81, C-D=-39/81
 WEBS B-D=-126/41

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint A, 22 lb uplift at joint C and 24 lb uplift at joint D.
 - Non Standard bearing condition. Review required.
 - 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



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness and accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss V5	Truss Type Valley	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:32 2019 Page 1
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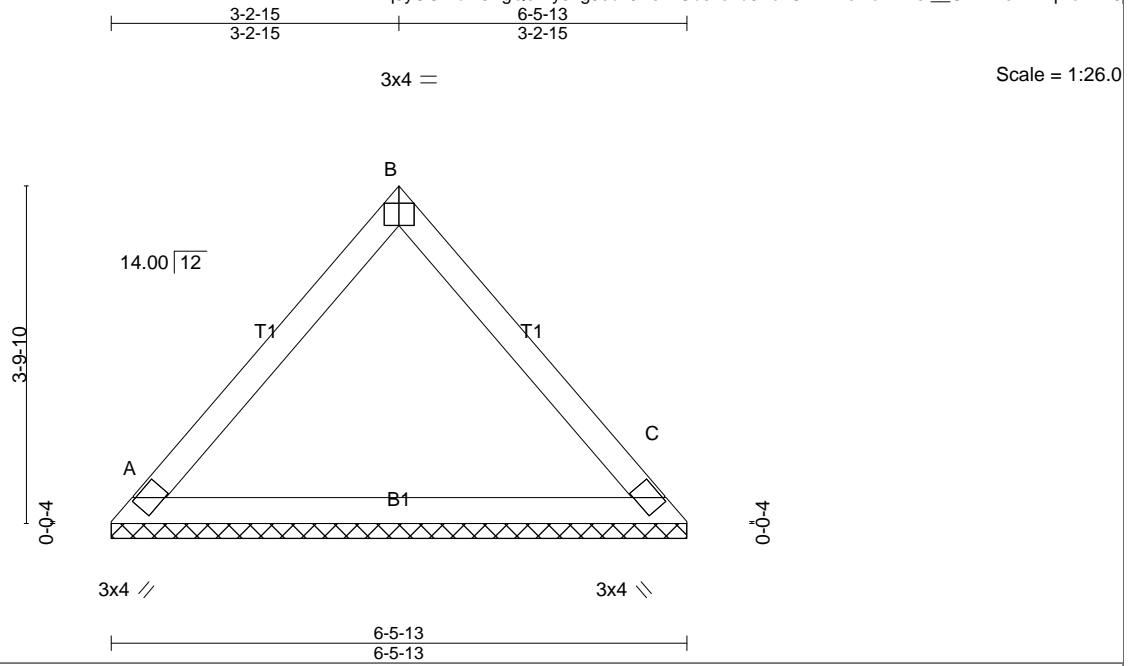


Plate Offsets (X,Y)-- [B:Edge,0-3-1]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.17	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.26	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 23 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 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) A=235/6-5-13 (min. 0-1-8), C=235/6-5-13 (min. 0-1-8)
 Max Horz A=-93(LC 8)
 Max Uplift A=-27(LC 11), C=-27(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-182/85, B-C=-182/85
 BOT CHORD A-C=-19/116

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20.0psf 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 27 lb uplift at joint A and 27 lb uplift at joint C.
 - 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



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



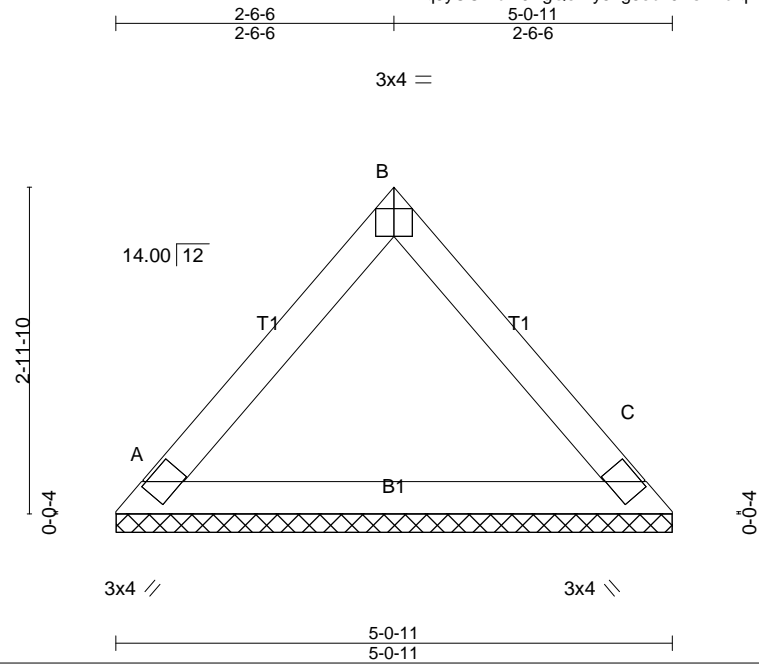


Plate Offsets (X,Y)-- [B:Edge,0-3-1]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.10	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.15	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 18 lb	FT = 20%

LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2	BRACING- TOP CHORD Structural wood sheathing directly applied or 5-1-1 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS. (lb/size) A=178/5-0-10 (min. 0-1-8), C=178/5-0-10 (min. 0-1-8)
Max Horz A=-70(LC 6)
Max Uplift A=-21(LC 11), C=-21(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-138/67, B-C=-138/67
BOT CHORD A-C=-14/88

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20.0psf 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 21 lb uplift at joint A and 21 lb uplift at joint C.
 - 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

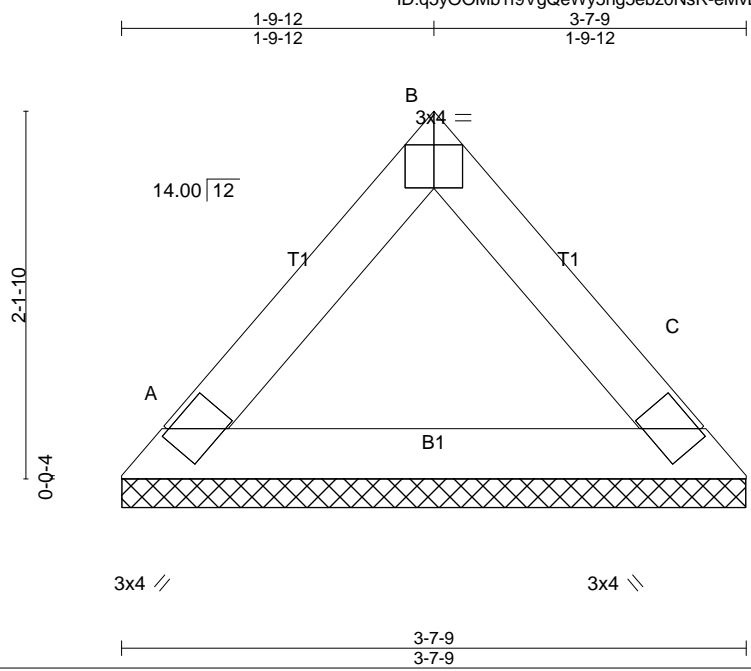


This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



Job 69028978	Truss V7	Truss Type Valley	Qty 1	Ply 1	HH HUNT / EDISON FARMHOUSE RF
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Kevin Ouzts
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 8.310 s May 22 2019 MiTek Industries, Inc. Wed Jul 3 14:51:41 2019 Page 1



Scale = 1:13.4

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

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.06	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.11	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 13 lb	FT = 20%

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-7-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=121/3-7-8 (min. 0-1-8), C=121/3-7-8 (min. 0-1-8)
 Max Horz A=-48(LC 6)
 Max Uplift A=-14(LC 11), C=-14(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-88/44, B-C=-88/44
 BOT CHORD A-C=-14/50

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20.0psf 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 14 lb uplift at joint A and 14 lb uplift at joint C.
 - 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.

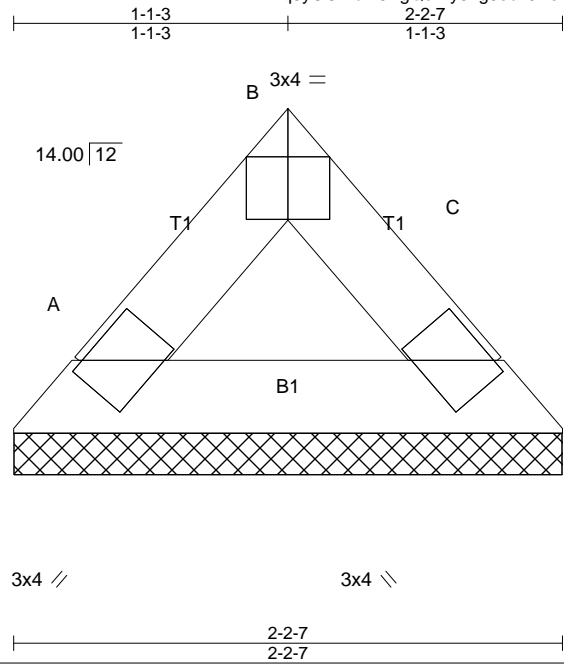
LOAD CASE(S) Standard



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.



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Scale = 1:9.2

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

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.02	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.03	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 C n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 7 lb	FT = 20%

LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2	BRACING- TOP CHORD Structural wood sheathing directly applied or 2-2-13 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS. (lb/size) A=64/2-2-6 (min. 0-1-8), C=64/2-2-6 (min. 0-1-8)
Max Horz A=25(LC 7)
Max Uplift A=7(LC 11), C=7(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-47/23, B-C=-47/23
BOT CHORD A-C=-7/26

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20.0psf 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 7 lb uplift at joint A and 7 lb uplift at joint C.
 - 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

