Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A1	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:12 2019 Page 1
ID:Uji5valhyQwqiNdVML5MY0ynK3e-6EWe65zYfoxUVvKsMD3cM9RXgB4cs?WWsyd1ZVzPqDn

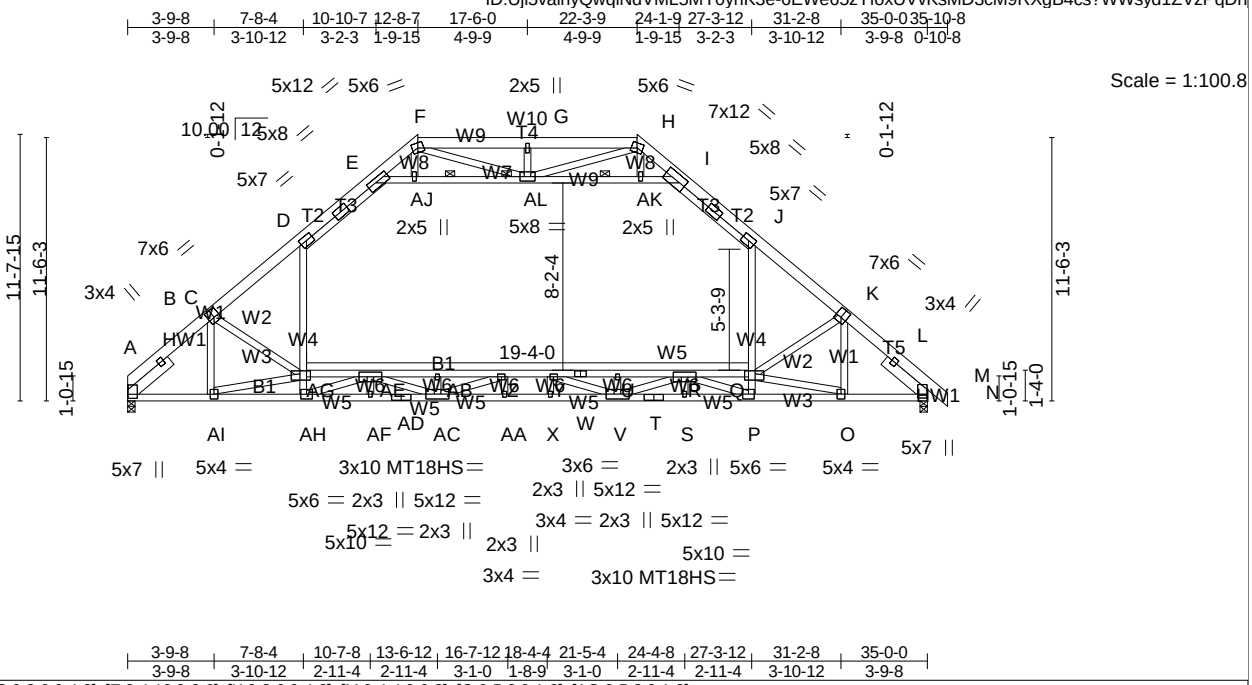

Plate Offsets (X,Y)-- [A:0-4-8,0-0-3], [C:0-3-0,0-4-8], [E:0-4-10,0-2-6], [K:0-3-0,0-4-8], [M:0-4-4,0-0-3], [Q:0-5-8,0-1-8], [AG:0-5-8,0-1-8]

LOADING (psf)		SPACING-	1-7-3	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.89	Vert(LL)	-0.55	X-AA	>761	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.91	X-AA	>464	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.09	M	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.32	Q-AG	726	360	Weight: 335 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T2: 2x6 SP SS, T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B2: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except*
W4,W7: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 2-4-13, Right 2x6 SP No.2 2-4-13

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): F-H.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt E-AL, I-AL
JOINTS 1 Brace at Jt(s): AL, Y, Z, AE, AB, U, R

REACTIONS. (lb/size) A=1354/0-4-0 (min. 0-2-0), M=1397/0-4-0 (min. 0-2-0)
Max Horz A=-217(LC 6)
Max Grav A=1685(LC 2), M=1721(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-B=-500/57, B-C=-2185/69, C-D=-2362/24, D-E=-1528/177, E-F=-291/430, F-G=-392/512, G-H=-392/512, H-I=-291/430, I-J=-1528/177, J-K=-2361/24, K-L=-2182/68, L-M=-477/51
BOT CHORD A-AI=-36/1704, AH-AI=-647/958, AF-AH=-20/2454, AD-AF=-20/2454, AC-AD=-20/2454, AA-AC=0/4285, X-AA=0/4285, V-X=0/4285, T-V=0/2347, S-T=0/2347, P-S=0/2347, O-P=-522/952, M-O=0/1582, AE-AG=-237/1700, AB-AE=-2278/0, Z-AB=-2278/0, Y-Z=-2860/0, W-Y=-2277/0, U-W=-2277/0, R-U=-2277/0, Q-R=-332/1722
WEBS AG-AH=0/978, D-AG=0/1314, E-AJ=-2176/0, AJ-AL=-2185/0, AK-AL=-2200/0, I-AK=-2191/0, P-Q=0/978, J-Q=0/1314, G-AL=-261/107, F-AL=-198/517, H-AL=-199/518, AE-AH=-2413/0, AC-AE=0/1599, Z-AC=-673/105, P-R=-2414/0, R-V=0/1600, V-Y=-668/95, C-AI=-422/44, AG-AI=-105/1579, K-O=-440/65, O-Q=-192/1627

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). D-E, I-J, E-AJ, AJ-AL, AK-AL, I-AK
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. AE-AG, AB-AE, Z-AB, Y-Z, U-Y, R-U, Q-R
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A3	PIGGYBACK BASE	8	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:14 2019 Page 1

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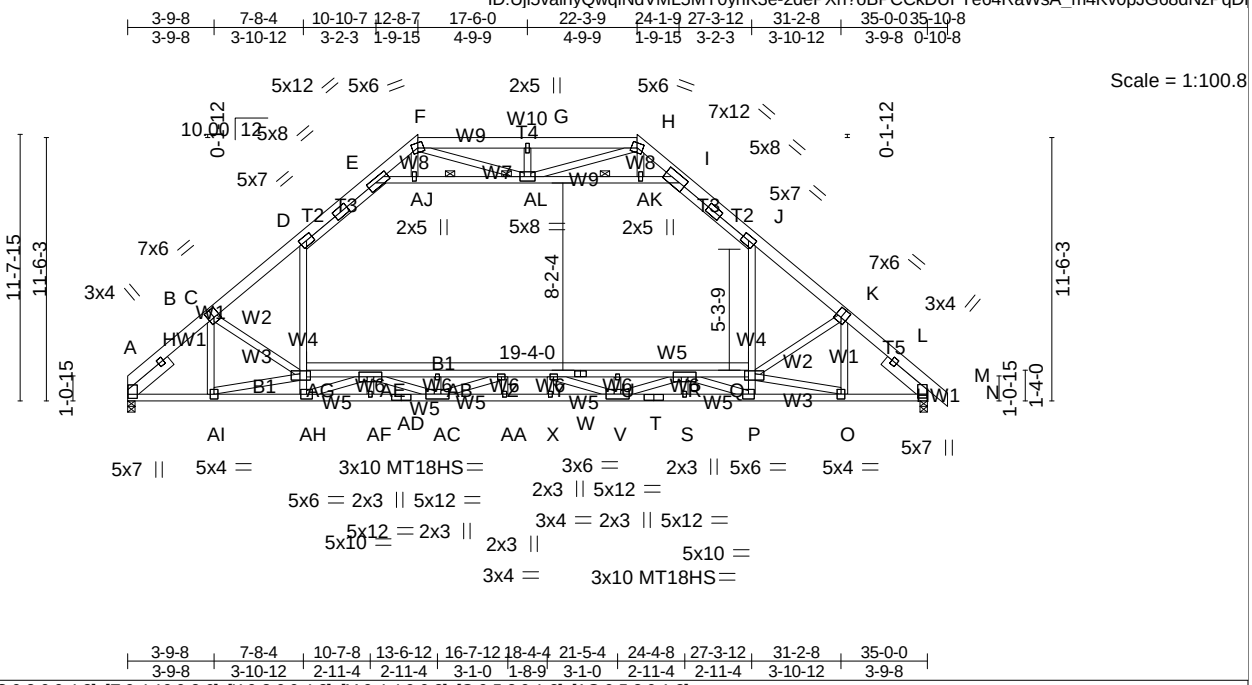

Plate Offsets (X,Y)-- [A:0-4-8,0-0-3], [C:0-3-0,0-4-8], [E:0-4-10,0-2-6], [K:0-3-0,0-4-8], [M:0-4-4,0-0-3], [Q:0-5-8,0-1-8], [AG:0-5-8,0-1-8]

LOADING (psf)		SPACING-	1-7-3	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.89	Vert(LL)	-0.55	X-AA	>761	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.91	X-AA	>464	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.09	M	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.32	Q-AG	726	360	Weight: 335 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* T2: 2x6 SP SS, T3: 2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* B2: 2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W4,W7: 2x4 SP No.2
SLIDER	Left 2x6 SP No.2 2-4-13, Right 2x6 SP No.2 2-4-13

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): F-H.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt E-AL, I-AL
JOINTS	1 Brace at Jt(s): AL, Y, Z, AE, AB, U, R

REACTIONS. (lb/size) A=1354/0-4-0 (min. 0-2-0), M=1397/0-4-0 (min. 0-2-0)
Max Horz A=-217(LC 6)
Max Grav A=1685(LC 2), M=1721(LC 2)

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

TOP CHORD A-B=-500/57, B-C=-2185/69, C-D=-2362/24, D-E=-1528/177, E-F=-291/430, F-G=-392/512, G-H=-392/512, H-I=-291/430, I-J=-1528/177, J-K=-2361/24, K-L=-2182/68, L-M=-477/51

BOT CHORD A-AI=-36/1704, AH-AI=-647/958, AF-AH=-20/2454, AD-AF=-20/2454, AC-AD=-20/2454, AA-AC=0/4285, X-AA=0/4285, V-X=0/4285, T-V=0/2347, S-T=0/2347, P-S=0/2347, O-P=-522/952, M-O=0/1582, AE-AG=-237/1700, AB-AE=-2278/0, Z-AB=-2278/0, Y-Z=-2860/0, W-Y=-2277/0, U-W=-2277/0, R-U=-2277/0, Q-R=-332/1722

WEBS AG-AH=0/978, D-AG=0/1314, E-AJ=-2176/0, AJ-AL=-2185/0, AK-AL=-2200/0, I-AK=-2191/0, P-Q=0/978, J-Q=0/1314, G-AL=-261/107, F-AL=-198/517, H-AL=-199/518, AE-AH=-2413/0, AC-AE=0/1599, Z-AC=-673/105, P-R=-2414/0, R-V=0/1600, V-Y=-668/95, C-AI=-422/44, AG-AI=-105/1579, K-O=-440/65, O-Q=-192/1627

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). D-E, I-J, E-AJ, AJ-AL, AK-AL, I-AK
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. AE-AG, AB-AE, Z-AB, Y-Z, U-Y, R-U, Q-R
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A3G	PIGGYBACK BASE	1	2	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:17 2019 Page 1

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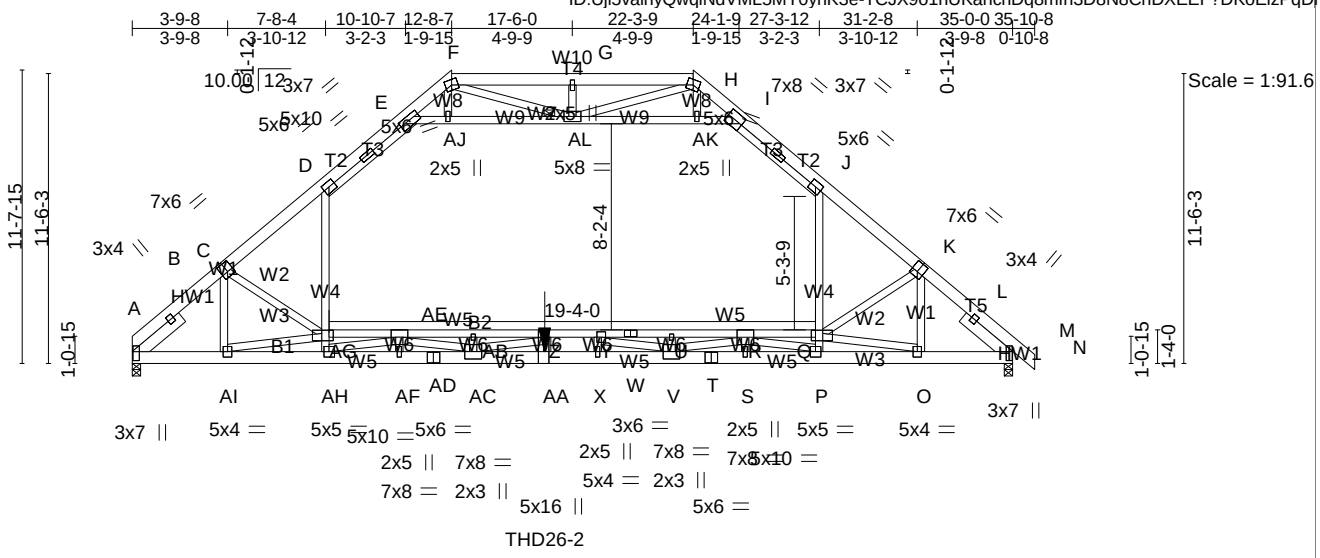


Plate Offsets (X,Y)-- [A:0-4-8,0-0-6], [C:0-3-0,0-4-8], [E:0-2-10,0-2-6], [K:0-3-0,0-4-8], [M:0-4-8,0-0-2], [Q:0-5-8,0-1-8], [AA:0-0-0,0-1-12], [AG:0-5-8,0-1-8]

LOADING (psf)		SPACING-	1-7-3	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.41	Z	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.78	AA	>542	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.05	M	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.25	Q-AG	960	360	Weight: 723 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
T2: 2x6 SP SS, T3: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B2,B4: 2x4 SP No.2, B3: 2x6 SP SS
WEBS 2x4 SP No.3 *Except*
W4,W7: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 2-4-13, Right 2x6 SP No.2 2-4-13

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): F-H.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: AH-AI,O-P. 4-4-0 oc bracing: Q-AG
JOINTS 1 Brace at Jt(s): AL

REACTIONS. (lb/size) A=1962/0-4-0 (min. 0-1-8), M=1939/0-4-0 (min. 0-1-8)
Max Horz A=-217(LC 4)
Max Grav A=2419(LC 2), M=2375(LC 2)

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

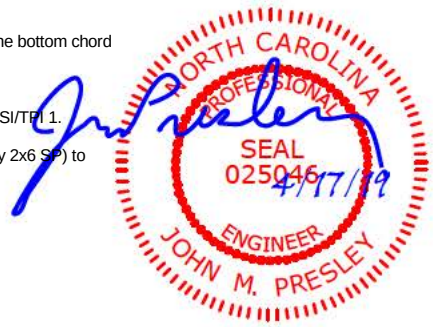
TOP CHORD A-B=-1752/0, B-C=-3048/0, C-D=-3648/0, D-E=-2151/0, E-F=0/797, F-G=0/1007, G-H=0/1007, H-I=0/821, I-J=-2162/0, J-K=-3614/0, K-L=-2976/0, L-M=-1680/0

BOT CHORD A-AI=0/2361, AH-AI=-771/993, AF-AH=0/4142, AD-AF=0/4142, AC-AD=0/4142, AA-AC=0/9420, X-AA=0/9420, V-X=0/9420, T-V=0/3414, S-T=0/3414, P-S=0/3414, O-P=-880/698, M-O=0/2266, AE-AG=0/2534, AB-AE=-5232/0, Z-AB=-5232/0, Y-Z=-7005/0, W-Y=-4130/0, U-W=-4130/0, R-U=-4130/0, Q-R=0/3026

WEBS AG-AH=0/1883, D-AG=0/2219, E-AJ=-3494/0, AJ-AL=-3508/0, AK-AL=-3560/0, I-AK=-3546/0, P-Q=0/1825, J-Q=0/2153, G-AL=-291/85, F-AL=-191/523, H-AL=-171/569, X-Y=0/731, Z-AA=0/660, AE-AF=-270/0, AB-AC=-262/0, AE-AH=-4016/0, AC-AE=0/3841, Z-AC=-2145/0, R-S=-251/0, P-R=-3777/0, R-V=0/3429, V-Y=-3323/0, C-AI=-989/0, AG-AI=0/2338, C-AG=-199/292, K-O=-1072/0, O-Q=0/2731, K-Q=-168/356

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, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). D-E, I-J, E-AJ, AJ-AL, AK-AL, I-AK
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. AE-AG, AB-AE, Z-AB, Y-Z, U-Y, R-U, Q-R
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) Use USP THD26-2 (With 18-16d nails into Girder & 8-10d nails into Truss) or equivalent at 16-4-12 from the left end to connect truss(es) a11 (2 ply 2x6 SP) to front face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.
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

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A3G	PIGGYBACK BASE	1	2	Job Reference (optional)

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: A-D=-48, D-E=-56, E-F=-48, F-H=-48, H-I=-48, I-J=-56, J-N=-48, AM-AQ=-16, Q-AG=-16, E-I=-8
Concentrated Loads (lb)
Vert: AA=-1150(F)

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A5	ROOF TRUSS	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:19 2019 Page 1

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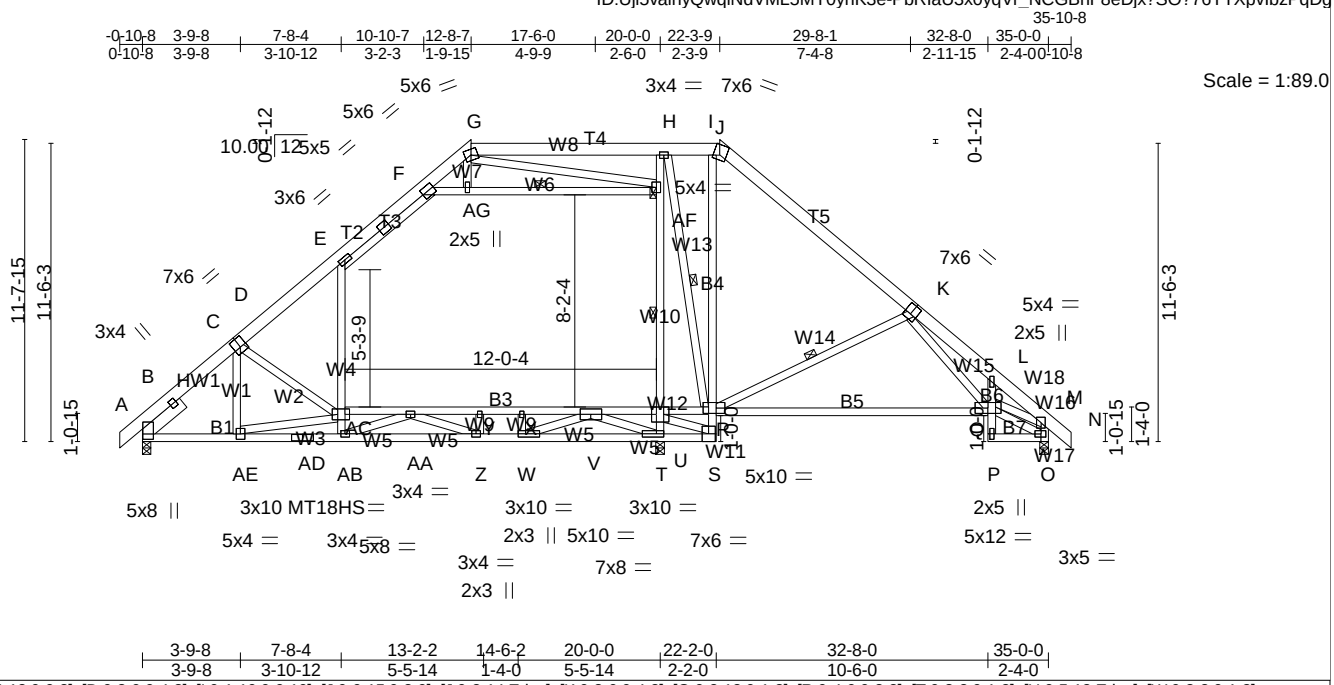

Plate Offsets (X,Y)-- [B:0-4-12,0-0-3], [D:0-3-0,0-4-8], [I:0-1-10,0-0-10], [J:0-0-15,0-2-9], [J:0-2-14,Edge], [K:0-3-0,0-4-8], [O:0-2-12,0-1-8], [R:0-4-0,0-2-8], [T:0-3-8,0-1-8], [U:0-5-12,Edge], [W:0-3-8,0-1-8], [AC:0-5-8,0-2-8]

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	0.89	Vert(LL)	-0.35	Q-R	>507	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-0.71	Q-R	>252	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.07	O	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.12	U-AC	1189	360	Weight: 341 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except* T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* B4,B6: 2x4 SP No.3, B5: 2x4 SP No.1
WEBS 2x4 SP No.3 *Except* W4,W10,W6: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-11-12

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): G-J.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
4-4-0 oc bracing: X-AA
4-6-0 oc bracing: AA-AC
4-9-0 oc bracing: V-X
10-0-0 oc bracing: U-V
WEBS 1 Row at midpt U-AF, H-R, K-R, F-AF
JOINTS 1 Brace at Jt(s): AF, X, AA, V

REACTIONS. (lb/size) B=1338/0-4-0 (min. 0-1-14), T=794/0-4-0 (min. 0-1-8), O=1158/0-4-0 (min. 0-1-8)
Max Horz B=298(LC 9)
Max Uplift B=-114(LC 10), T=-111(LC 6), O=-111(LC 10)
Max Grav B=1590(LC 18), T=1103(LC 25), O=1162(LC 18)

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

TOP CHORD B-C=-476/68, C-D=-1950/180, D-E=-1616/157, E-F=-1265/278, F-G=-709/179, G-H=-1157/283, H-I=-894/305, I-J=-882/304, J-K=-1304/286, K-L=-1865/193, L-M=-1882/204, M-O=-1185/208
BOT CHORD B-AE=-193/1600, AD-AE=-424/2814, AB-AD=-424/2814, Z-AB=-28/2715, W-Z=0/2139, T-W=-66/501, S-T=-1572/0, R-S=-704/15, I-R=-175/743, Q-R=-102/1270, AA-AC=-1677/419, Y-AA=-1274/0, X-Y=-1274/0, V-X=-1274/0, U-V=0/2921
WEBS AB-AC=-104/260, E-AC=0/471, T-U=-505/380, U-AF=-107/996, H-AF=-103/842, H-R=-1214/191, K-R=-532/292, K-Q=0/526, F-AG=-779/184, AF-AG=-790/181, G-AF=-179/826, AC-AE=-1235/240, D-AC=-435/205, W-X=-483/0, AA-AB=-442/587, Z-AA=-618/237, V-W=0/1869, T-V=-2338/0, R-U=-45/1392, S-U=-50/1531, M-Q=-61/1290

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-AG, AF-AG, R-U
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. AA-AC, Y-AA, X-Y, V-X, U-V
9) Bearing at joint(s) O considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) B=114, T=111, O=111.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A6	ROOF TRUSS	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:21 2019 Page 1
ID:Uji5valhyQwqiNdVML5MY0ynK3e-LzZ2?A4BYZ4C4IWbNckjD3J3Sp9DT2orwrI0NTzPqDe

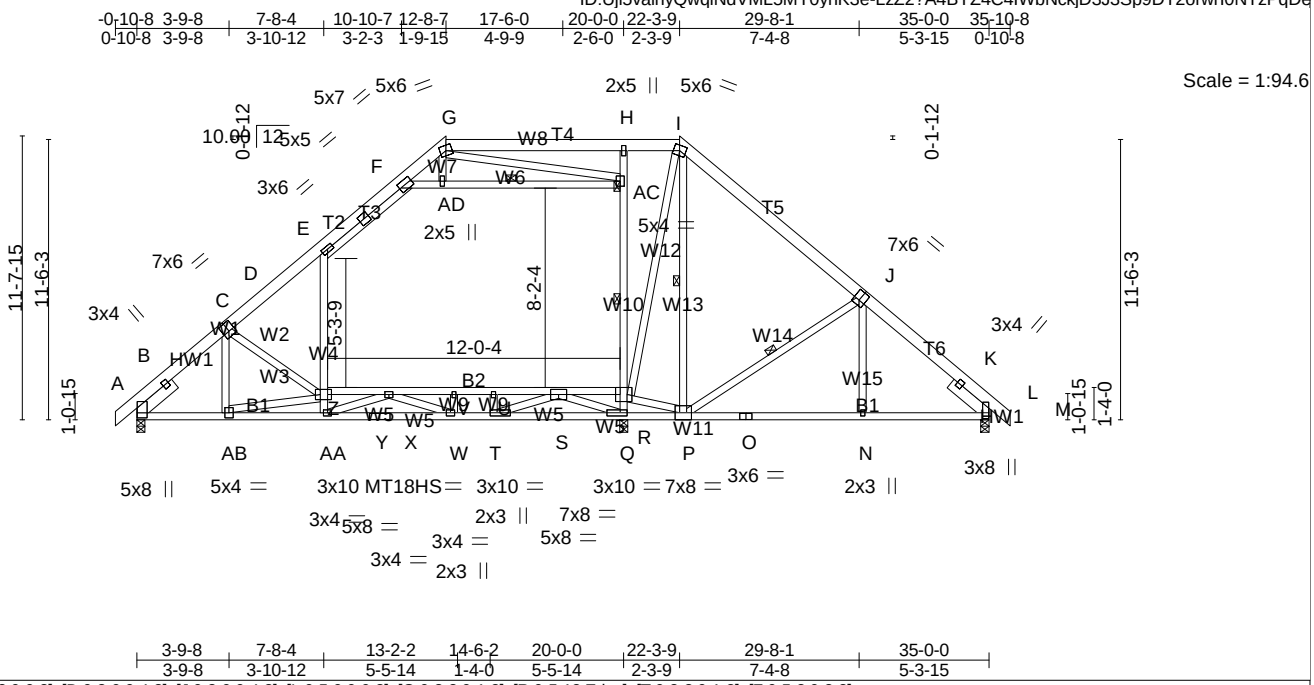

Plate Offsets (X,Y)-- [B:0-4-12,0-0-3], [D:0-3-0,0-4-8], [J:0-3-0,0-4-8], [L:0-5-0,0-0-3], [Q:0-3-8,0-1-8], [R:0-5-12,Edge], [T:0-3-8,0-1-8], [Z:0-5-8,0-2-8]

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	0.88	Vert(LL)	-0.23	W-AA	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.43	W-AA	>561	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.08	L	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.12	R-Z	1231	360	Weight: 334 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W4,W10,W6,W11: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-11-12, Right 2x6 SP No.2 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): G-I.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
4-5-0 oc bracing: U-X
4-8-0 oc bracing: X-Z
4-10-0 oc bracing: S-U
10-0-0 oc bracing: R-S
WEBS 1 Row at midpt R-AC, I-P, J-P, F-AC
JOINTS 1 Brace at Jt(s): AC, U, X, S

REACTIONS. (lb/size) B=1358/0-4-0 (min. 0-1-14), Q=739/0-4-0 (min. 0-1-8), L=1175/0-4-0 (min. 0-1-8)
Max Horz B=278(LC 9)
Max Uplift B=-110(LC 10), Q=-126(LC 6), L=-104(LC 10)
Max Grav B=1597(LC 18), Q=1072(LC 25), L=1175(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-479/68, C-D=-1959/173, D-E=-1645/152, E-F=-1278/276, F-G=-689/184, G-H=-1063/302, H-I=-1136/308, I-J=-1179/302, J-K=-1436/252, K-L=-357/92
BOT CHORD B-AB=-202/1601, AA-AB=-409/2700, Y-AA=-10/2667, W-Y=-10/2667, T-W=0/2138, Q-T=-32/526, P-Q=-1568/25, O-P=-71/1049, N-O=-71/1049, L-N=-71/1049, X-Z=-1540/390, V-X=-1239/0, U-V=-1239/0, S-U=-1239/0, R-S=0/2865
WEBS Z-AA=-86/282, E-Z=0/490, Q-R=-512/362, R-AC=-373/192, H-AC=-427/199, I-R=-195/1283, I-P=-713/56, J-P=-418/264, F-AD=-857/187, AC-AD=-868/184, G-AC=-178/787, Z-AB=-1119/230, D-Z=-416/201, P-R=0/2590, T-U=-467/3, X-AA=-444/539, W-X=-567/251, S-T=0/1824, Q-S=-2323/0

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-AD, AC-AD
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. X-Z, V-X, U-V, S-U, R-S
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) B=110, Q=126, L=104.
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	FINLEY CLASSIC
69016039	A7	ROOF TRUSS	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:22 2019 Page 1
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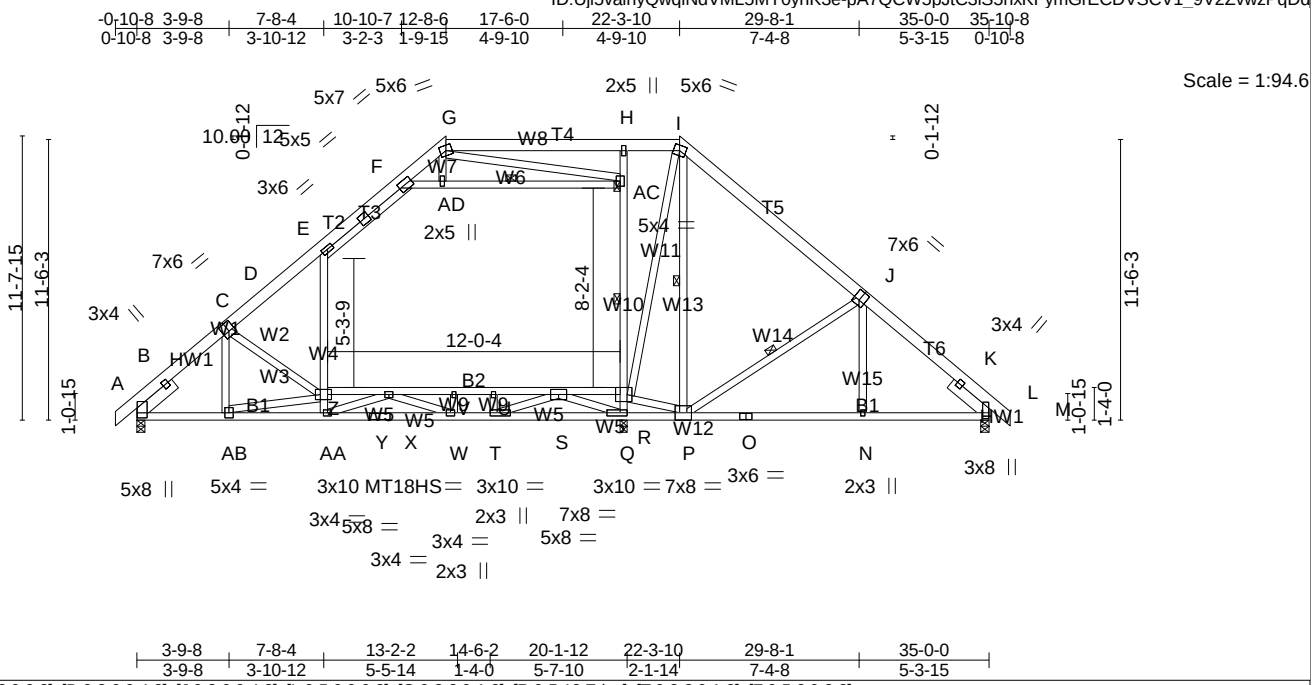

Plate Offsets (X,Y)-- [B:0-4-12,0-0-3], [D:0-3-0,0-4-8], [J:0-3-0,0-4-8], [L:0-5-0,0-0-3], [Q:0-3-8,0-1-8], [R:0-5-12,Edge], [T:0-3-8,0-1-8], [Z:0-5-8,0-2-8]

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	0.88	Vert(LL)	-0.23	W-AA	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.43	W-AA	>561	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.08	L	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.12	R-Z	1231	360	Weight: 334 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* W4,W10,W6,W12: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-11-12, Right 2x6 SP No.2 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): G-I.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except: 4-5-0 oc bracing: U-X; 4-8-0 oc bracing: X-Z; 4-10-0 oc bracing: S-U; 10-0-0 oc bracing: R-S
WEBS 1 Row at midpt I-P, J-P, R-AC, F-AC
JOINTS 1 Brace at Jt(s): AC, U, X, S

REACTIONS. (lb/size) B=1358/0-4-0 (min. 0-1-14), L=1175/0-4-0 (min. 0-1-8), Q=739/0-3-8 (min. 0-1-8)
Max Horz B=-278(LC 8)
Max Uplift B=-110(LC 10), L=-104(LC 10), Q=-126(LC 6)
Max Grav B=1597(LC 18), L=1175(LC 1), Q=1072(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-479/68, C-D=-1959/173, D-E=-1645/152, E-F=-1278/276, F-G=-689/184, G-H=-1063/302, H-I=-1136/308, I-J=-1179/302, J-K=-1436/252, K-L=-357/92
BOT CHORD B-AB=-202/1601, AA-AB=-409/2700, Y-AA=-10/2666, W-Y=-10/2666, T-W=0/2138, Q-T=-32/526, P-Q=-1568/25, O-P=-71/1049, N-O=-71/1049, L-N=-71/1049, X-Z=-1540/390, V-X=-1239/0, U-V=-1239/0, S-U=-1239/0, R-S=0/2865
WEBS Z-AA=-86/282, E-Z=0/490, I-P=-713/56, J-P=-418/264, Q-R=-512/362, R-AC=-373/192, H-AC=-427/199, F-AD=-857/187, AC-AD=-868/184, G-AC=-178/787, Z-AB=-1119/230, D-Z=-416/201, P-R=0/2590, I-R=-195/1283, T-U=-467/3, X-AA=-444/539, W-X=-567/251, S-T=0/1824, Q-S=-2323/0

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-AD, AC-AD
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. X-Z, V-X, U-V, S-U, R-S
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) B=110, L=104, Q=126.
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	FINLEY CLASSIC
69016039	A8	ROOF TRUSS	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:23 2019 Page 1

ID:Uji5valhyQwqiNdVML5MY0ynK3e-HMhoQs6S3AKwKcgzV1mBJUOO0dt5x_N8O9n6RMzPqDc

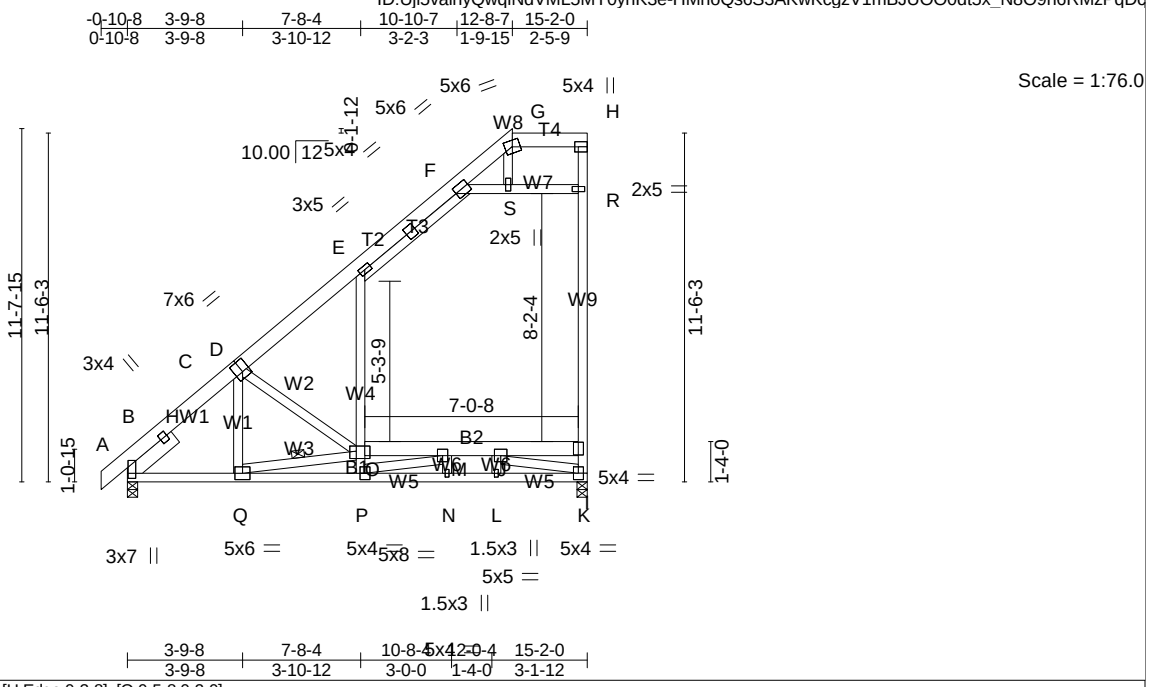

Plate Offsets (X,Y)-- [B:0-4-4,0-0-3], [D:0-3-0,0-4-8], [H:Edge,0-3-8], [O:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.94	Vert(LL)	0.21	O	>859	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.36	O	>503	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.04	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.09	I-O	948	360	Weight: 159 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* T3: 2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B1: 2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W4,W7: 2x4 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): G-H.
BOT CHORD	Rigid ceiling directly applied or 5-1-5 oc bracing. Except: 3-4-0 oc bracing: I-O
WEBS	1 Row at midpt O-Q

REACTIONS. (lb/size) K=766/0-4-0 (min. 0-1-8), B=709/0-4-0 (min. 0-1-8)
Max Horz B=430(LC 10)
Max Uplift K=-134(LC 10)
Max Grav K=1078(LC 18), B=767(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD C-D=-858/0, D-E=-471/311, I-K=-377/145, I-R=-293/162
BOT CHORD B-Q=-448/830, P-Q=-1459/3709, N-P=-344/2034, L-N=-344/2034, K-L=-344/2034, M-O=-3839/1377, J-M=-1984/258, I-J=-324/337
WEBS O-P=-746/491, E-O=-349/325, D-Q=-196/672, O-Q=-3046/1027, D-O=-803/362, M-P=-1237/2265, J-K=-2184/548

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=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-S, R-S
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. M-O, J-M, I-J
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) K=134.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A8A	PIGGYBACK BASE	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:24 2019 Page 1
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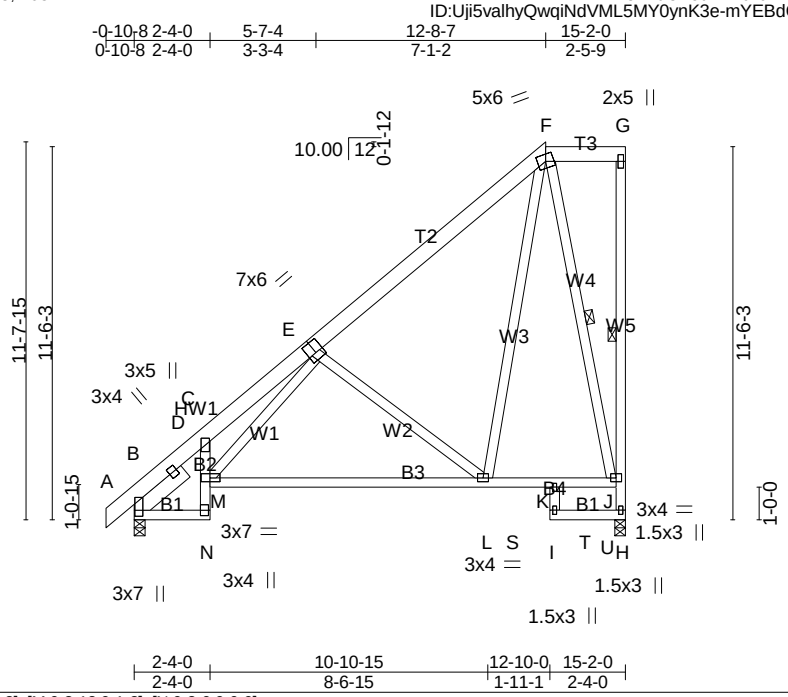

Plate Offsets (X,Y)-- [B:0-4-8,0-0-3], [E:0-3-0,0-4-8], [M:0-3-12,0-1-8], [N:0-2-0,0-0-0]

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	0.29	Vert(LL)	-0.16	L-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.33	L-M	>543	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.06	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 145 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt G-H, F-J

REACTIONS. (lb/size) H=599/0-4-0 (min. 0-1-8), B=655/0-4-0 (min. 0-1-8)
Max Horz B=430(LC 10)
Max Uplift H=-233(LC 10)
Max Grav H=662(LC 17), B=655(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-259/25, C-D=-625/0, D-E=-860/147, E-F=-417/1, H-J=-630/273
BOT CHORD B-N=-288/485, L-M=-353/647
WEBS F-J=-640/283, F-L=-114/518, E-L=-527/341, E-M=-132/367

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=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) except (jt=lb) H=233.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A9	ROOF TRUSS	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:25 2019 Page 1

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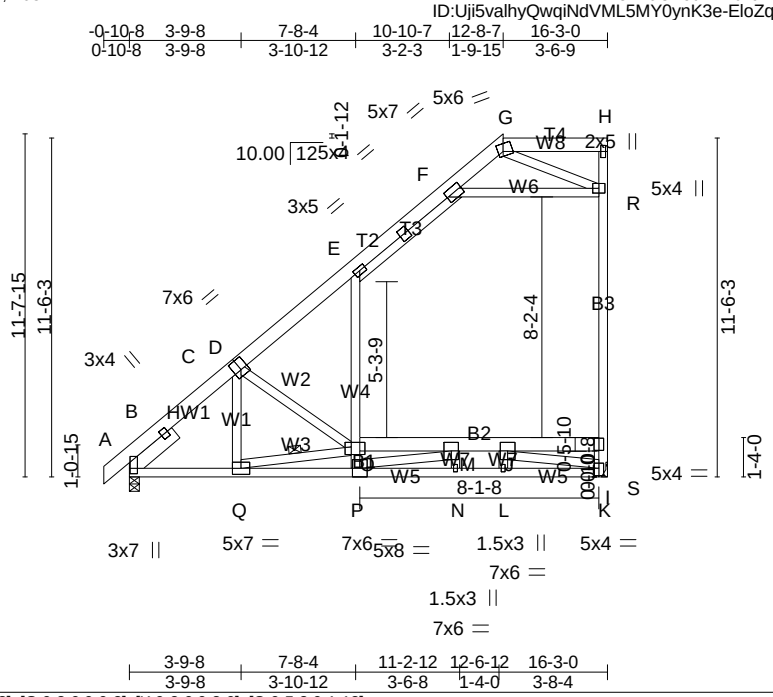

Plate Offsets (X,Y)-- [B:0-4-8,0-0-3], [D:0-3-0,0-4-8], [G:0-3-0,0-0-8], [K:0-2-0,0-3-0], [O:0-5-8,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.57	Vert(LL)	0.25	P	>774	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-0.46	N-P	>423	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.06	S	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.12	I-O	851	360	Weight: 172 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* T3: 2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3: 2x4 SP No.2, B1: 2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W4,W6: 2x4 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): G-H.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-10 oc bracing: P-Q. 3-0-0 oc bracing: I-O 5-7-0 oc bracing: I-S 6-0-0 oc bracing: I-R, H-R
WEBS	1 Row at midpt O-Q
JOINTS	1 Brace at Jt(s): H, R

REACTIONS. (lb/size) B=764/0-4-0 (min. 0-1-8), S=829/Mechanical
Max Horz B=430(LC 10)
Max Uplift S=-104(LC 10)
Max Grav B=845(LC 18), S=1152(LC 18)

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

TOP CHORD	C-D=-969/0, D-E=-359/74, F-G=-292/119
BOT CHORD	K-S=-1152/144, I-K=-470/97, I-R=-340/134, B-Q=-291/799, P-Q=-1060/4086, N-P=-219/2355, L-N=-219/2355, K-L=-219/2355, M-O=-4206/1091, J-M=-2286/201
WEBS	O-P=-547/338, M-P=-919/1989, D-Q=-135/718, O-Q=-3342/782, D-O=-877/332, F-R=-177/318, G-R=-609/271, J-K=-2496/296

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=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-R
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. M-O, J-M, I-J
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) S=104.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A9A	ROOF TRUSS	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:26 2019 Page 1
ID:Uji5valhyQwqiNdVML5MY0ynK3e-ixMx2t8KM5iVB3PYA9Juw60xDqs78K2a470m2hzPqDZ

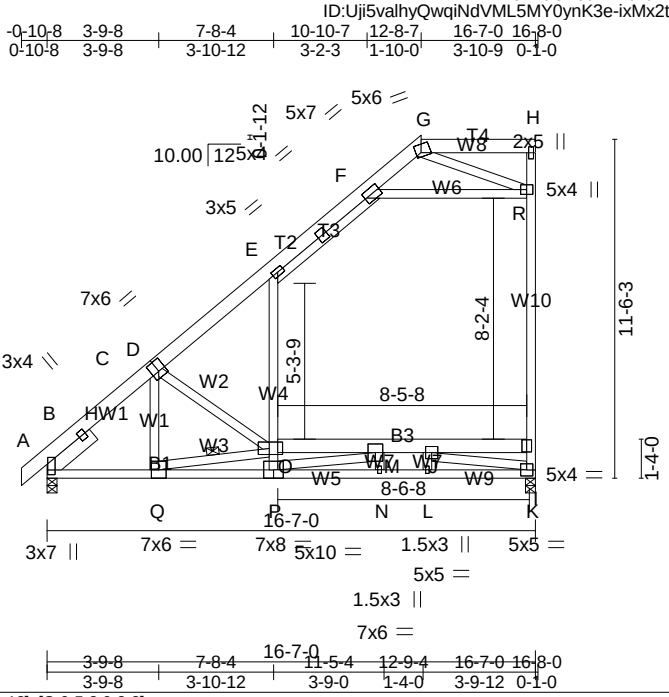

Plate Offsets (X,Y)-- [B:0-4-4,0-0-3], [D:0-3-0,0-4-8], [G:0-3-0,0-0-12], [O:0-5-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	0.27	N-P	>730	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.51	N-P	>389	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.06	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.13	I-O	802	360	Weight: 176 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T3: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B1: 2x4 SP No.1, B2: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W4,W6,W10: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): G-H.
BOT CHORD Rigid ceiling directly applied or 4-11-14 oc bracing. Except:
2-9-0 oc bracing: I-O
WEBS 1 Row at midpt O-Q

REACTIONS. (lb/size) B=781/0-4-0 (min. 0-1-8), K=849/0-4-0 (min. 0-1-8)
Max Horz B=430(LC 10)
Max Uplift K=-95(LC 10)
Max Grav B=869(LC 18), K=1174(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-253/12, C-D=-1001/0, D-E=-446/246, F-G=-329/218, I-K=-494/146, I-R=-353/168
BOT CHORD B-Q=-466/913, P-Q=-1529/4238, N-P=-287/2438, L-N=-287/2438, K-L=-287/2438, M-O=-4358/1442, J-M=-2364/183, I-J=-362/398
WEBS O-P=-638/446, E-O=-299/318, F-R=-485/575, G-R=-688/377, M-P=-1348/2439, J-K=-2590/513, D-Q=-203/735, O-Q=-3472/1081, D-O=-900/377

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=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). E-F, F-R
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. M-O, J-M, I-J
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) K.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	A11	Flat Girder	1	2	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:26 2019 Page 1
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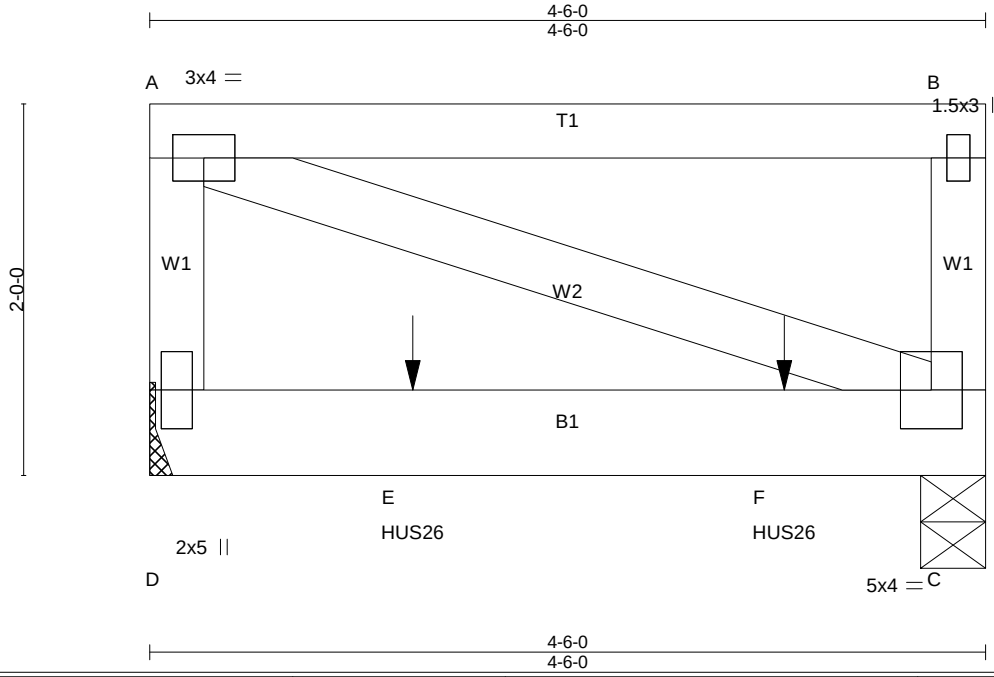

Scale = 1:12.4

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	0.58	Vert(LL)	-0.04	C-D	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.07	C-D	>677	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 54 lb	FT = 20%

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

BRACING-
TOP CHORD 2-0-0 oc purlins: A-B, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) D=1166/Mechanical, C=1295/0-4-3 (min. 0-1-8)
Max Horz D=59(LC 7)
Max Uplift C=-14(LC 5)
Max Grav D=1404(LC 2), C=1579(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-D=-379/0, B-C=-379/0

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 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) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) C.
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) 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, 25, 26, 27, 28, 29, 30, 31, 32 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Use USP HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-5-0 from the left end to 3-5-0 to connect truss(es) A9 (1 ply 2x4 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-180, C-D=-20
Concentrated Loads (lb)
Vert: E=-809(F) F=-810(F)
2) Dead + 0.75 Roof Live (balanced) + 0.75 Attic Floor: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-165, C-D=-20
Concentrated Loads (lb)
Vert: E=-1102(F) F=-1103(F)
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: A-B=-130, C-D=-40
Concentrated Loads (lb)
Vert: E=-651(F) F=-653(F)

Continued on page 2

LOAD CASE(S) Standard

4) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=16, B-C=20
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
5) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=-20, B-C=-16
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
6) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-106, C-D=-20
      Horz: A-D=27, B-C=9
   Concentrated Loads (lb)
      Vert: E=124(F) F=123(F)
7) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-95, C-D=-20
      Horz: A-D=-9, B-C=-27
   Concentrated Loads (lb)
      Vert: E=124(F) F=123(F)
8) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=13, B-C=19
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
9) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=-19, B-C=-13
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
10) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=13, B-C=19
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
11) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-46, C-D=-12
      Horz: A-D=-19, B-C=-13
   Concentrated Loads (lb)
      Vert: E=116(F) F=115(F)
12) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-105, C-D=-20
      Horz: A-D=24, B-C=8
   Concentrated Loads (lb)
      Vert: E=124(F) F=123(F)
13) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
      Vert: A-B=-95, C-D=-20
      Horz: A-D=-8, B-C=-24
   Concentrated Loads (lb)
      Vert: E=124(F) F=123(F)
14) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
   Uniform Loads (plf)
      Vert: A-B=-120, C-D=-20
   Concentrated Loads (lb)
      Vert: E=-986(F) F=-986(F)
15) 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=-154, C-D=-20
      Horz: A-D=20, B-C=7
   Concentrated Loads (lb)
      Vert: E=21(F) F=21(F)
16) 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=-146, C-D=-20
      Horz: A-D=-7, B-C=-20
   Concentrated Loads (lb)
      Vert: E=21(F) F=21(F)
17) 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=-154, C-D=-20
      Horz: A-D=18, B-C=6
   Concentrated Loads (lb)
      Vert: E=21(F) F=21(F)
18) 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=-146, C-D=-20
      Horz: A-D=-6, B-C=-18
   Concentrated Loads (lb)
      Vert: E=21(F) F=21(F)
19) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60

Continued on page 3

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=16, B-C=20
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
20) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=-20, B-C=-16
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
21) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-106, C-D=-20
Horz: A-D=27, B-C=9
Concentrated Loads (lb)
Vert: E=-534(F) F=-535(F)
22) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-95, C-D=-20
Horz: A-D=-9, B-C=-27
Concentrated Loads (lb)
Vert: E=-534(F) F=-535(F)
23) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=13, B-C=19
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
24) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=-19, B-C=-13
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
25) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=13, B-C=19
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
26) Reversal: Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-46, C-D=-12
Horz: A-D=-19, B-C=-13
Concentrated Loads (lb)
Vert: E=-542(F) F=-543(F)
27) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-105, C-D=-20
Horz: A-D=24, B-C=8
Concentrated Loads (lb)
Vert: E=-534(F) F=-535(F)
28) Reversal: Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: A-B=-95, C-D=-20
Horz: A-D=-8, B-C=-24
Concentrated Loads (lb)
Vert: E=-534(F) F=-535(F)
29) Reversal: 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=-154, C-D=-20
Horz: A-D=20, B-C=7
Concentrated Loads (lb)
Vert: E=-983(F) F=-984(F)
30) Reversal: 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=-146, C-D=-20
Horz: A-D=-7, B-C=-20
Concentrated Loads (lb)
Vert: E=-983(F) F=-984(F)
31) Reversal: 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=-154, C-D=-20
Horz: A-D=18, B-C=6
Concentrated Loads (lb)
Vert: E=-983(F) F=-984(F)
32) Reversal: 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=-146, C-D=-20
Horz: A-D=-6, B-C=-18
Concentrated Loads (lb)
Vert: E=-983(F) F=-984(F)

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	B1	ATTIC	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:27 2019 Page 1
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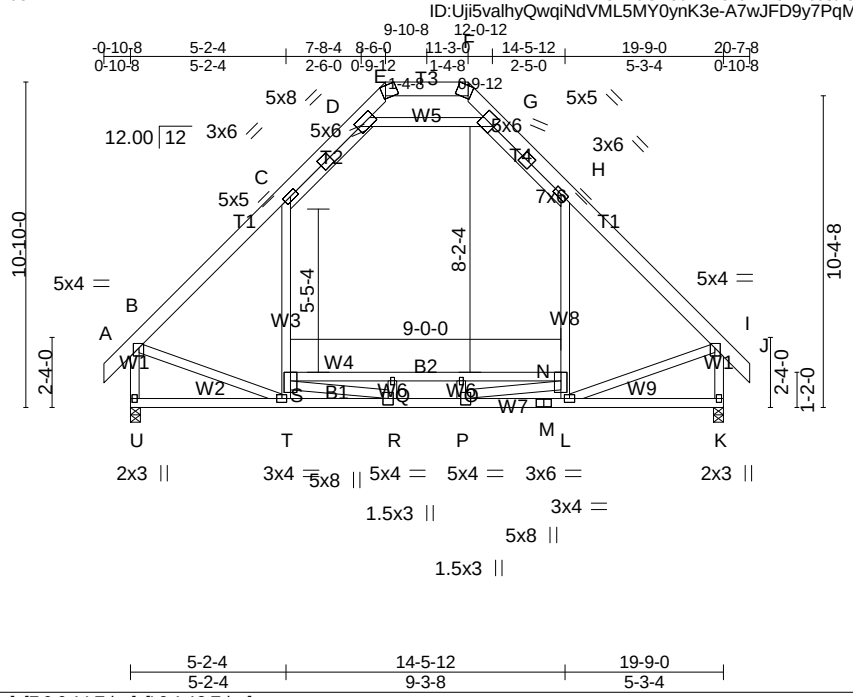

Plate Offsets (X,Y)-- [B:0-1-12,Edge], [E:0-0-14,Edge], [F:0-0-14,Edge], [I:0-1-12,Edge]

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	0.78	Vert(LL)	0.14	T	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.19	Q-S	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.01	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.09	N-S	1274	360	Weight: 183 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T2,T4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* W3,W8,W5: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): E-F.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 3-9-0 oc bracing: N-S

REACTIONS. (lb/size) U=980/0-4-0 (min. 0-1-13), K=979/0-4-0 (min. 0-1-13)
Max Horz U=-307(LC 8)
Max Grav U=1152(LC 2), K=1149(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1043/96, C-D=-659/189, D-E=-120/432, F-G=-121/436, G-H=-653/189, H-I=-1042/97, B-U=-1108/109, I-K=-1103/111, E-F=-170/628
BOT CHORD T-U=-298/354, R-T=-166/821, P-R=0/1847, M-P=0/623, L-M=0/623, Q-S=-1317/0, O-Q=-1311/0, N-O=-1317/0
WEBS C-S=0/424, H-N=0/428, D-G=-1248/429, B-T=-30/709, I-L=-33/708, Q-R=-253/19, O-P=-251/19, R-S=0/1353, N-P=0/1355

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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 (5.0 psf) on member(s). C-D, G-H, D-G
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. Q-S, O-Q, N-O
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	B2	ATTIC	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD — 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:28 2019 Page 1

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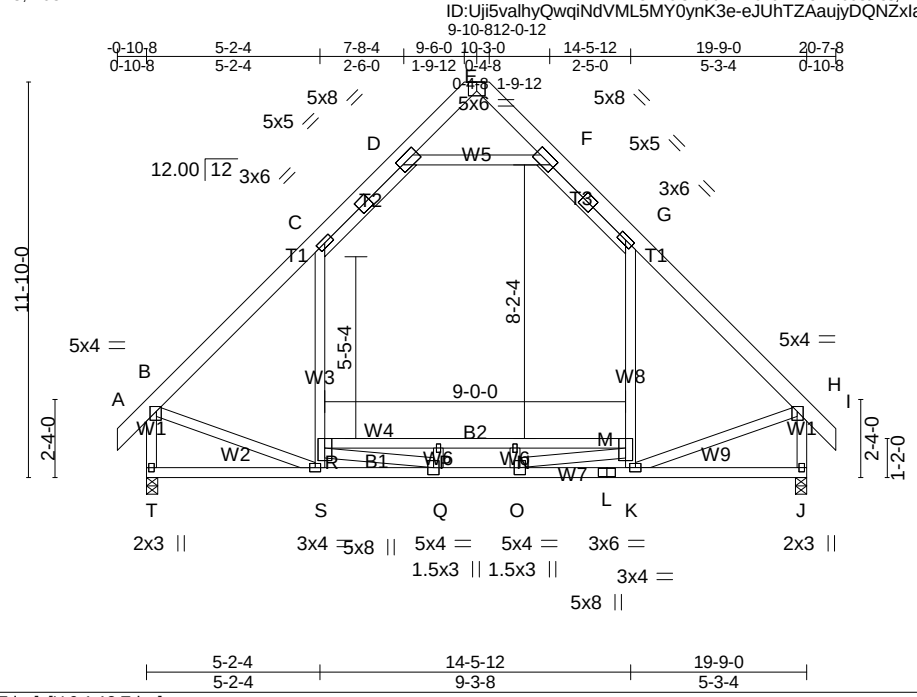

Plate Offsets (X,Y)-- [B:0-1-12,Edge], [E:0-3-0,Edge], [H:0-1-12,Edge]

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	0.72	Vert(LL)	0.15	S	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.20	P-R	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.01	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.09	M-R	1256	360	Weight: 184 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T2,T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* W3,W8,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 9-10-10 oc bracing. Except: 3-9-0 oc bracing: M-R

REACTIONS. (lb/size) T=980/0-4-0 (min. 0-1-13), J=979/0-4-0 (min. 0-1-13)
Max Horz T=334(LC 9)
Max Grav T=1171(LC 19), J=1168(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1083/91, C-D=-704/182, D-E=-84/266, E-F=-84/270, F-G=-698/182, G-H=-1082/92, B-T=-1141/104, H-J=-1136/106
BOT CHORD S-T=-326/384, Q-S=-157/855, O-Q=0/1849, L-O=0/617, K-L=0/617, P-R=-1327/0, N-P=-1321/0, M-N=-1327/0
WEBS C-R=0/429, G-M=0/432, D-F=-927/346, B-S=-14/730, H-K=-18/730, P-Q=-253/21, N-O=-251/21, Q-R=0/1357, M-O=0/1358

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=25ft; 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) Ceiling dead load (5.0 psf) on member(s). C-D, F-G, D-F
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. P-R, N-P, M-N
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	FINLEY CLASSIC
69016039	B3	ATTIC	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:29 2019 Page 1
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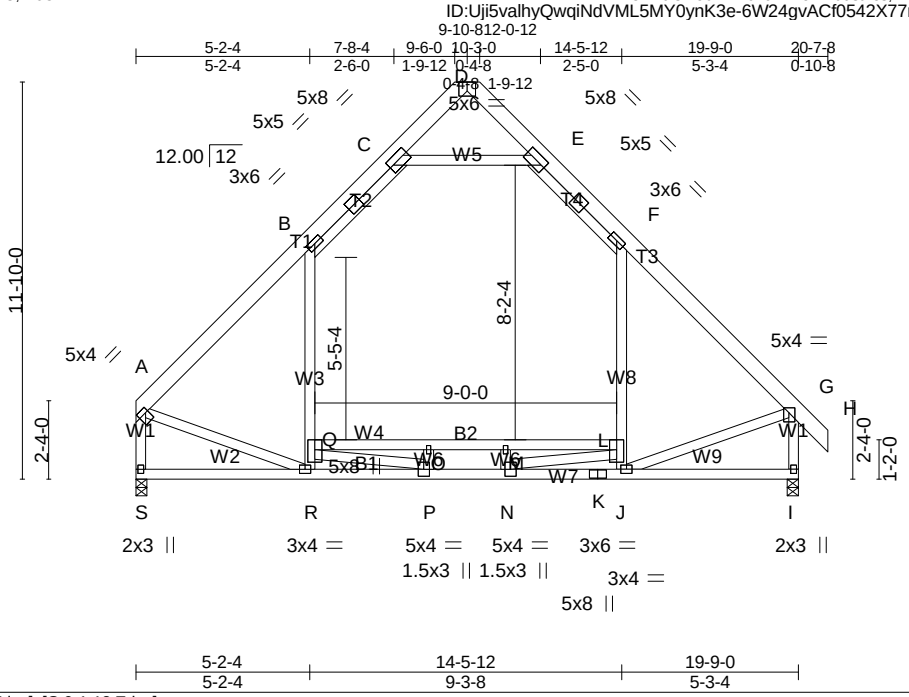

Plate Offsets (X,Y)-- [A:0-1-0,0-1-12], [D:0-3-0,Edge], [G:0-1-12,Edge]

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	0.73	Vert(LL)	0.15	R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.21	O-Q	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.01	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.09	L-Q	1233	360	Weight: 181 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T2,T4: 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* W3,W8,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. Except: 3-9-0 oc bracing: L-Q

REACTIONS. (lb/size) S=917/0-4-0 (min. 0-1-12), I=980/0-4-0 (min. 0-1-13)
Max Horz S=-325(LC 6)
Max Grav S=1131(LC 19), I=1169(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-B=-1084/76, B-C=-705/181, C-D=-83/270, D-E=-85/272, E-F=-699/178, F-G=-1084/88, A-S=-1100/63, G-I=-1138/102
BOT CHORD R-S=-308/366, P-R=-156/862, N-P=0/1850, K-N=0/615, J-K=0/615, O-Q=-1327/0, M-O=-1321/0, L-M=-1327/0
WEBS B-Q=0/424, F-L=0/432, C-E=-934/344, A-R=-15/726, G-J=-17/732, O-P=-252/21, M-N=-251/20, P-Q=0/1354, L-N=0/1361

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=25ft; 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) Ceiling dead load (5.0 psf) on member(s). B-C, E-F, C-E
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. O-Q, M-O, L-M
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	FINLEY CLASSIC
69016039	D1	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:30 2019 Page 1
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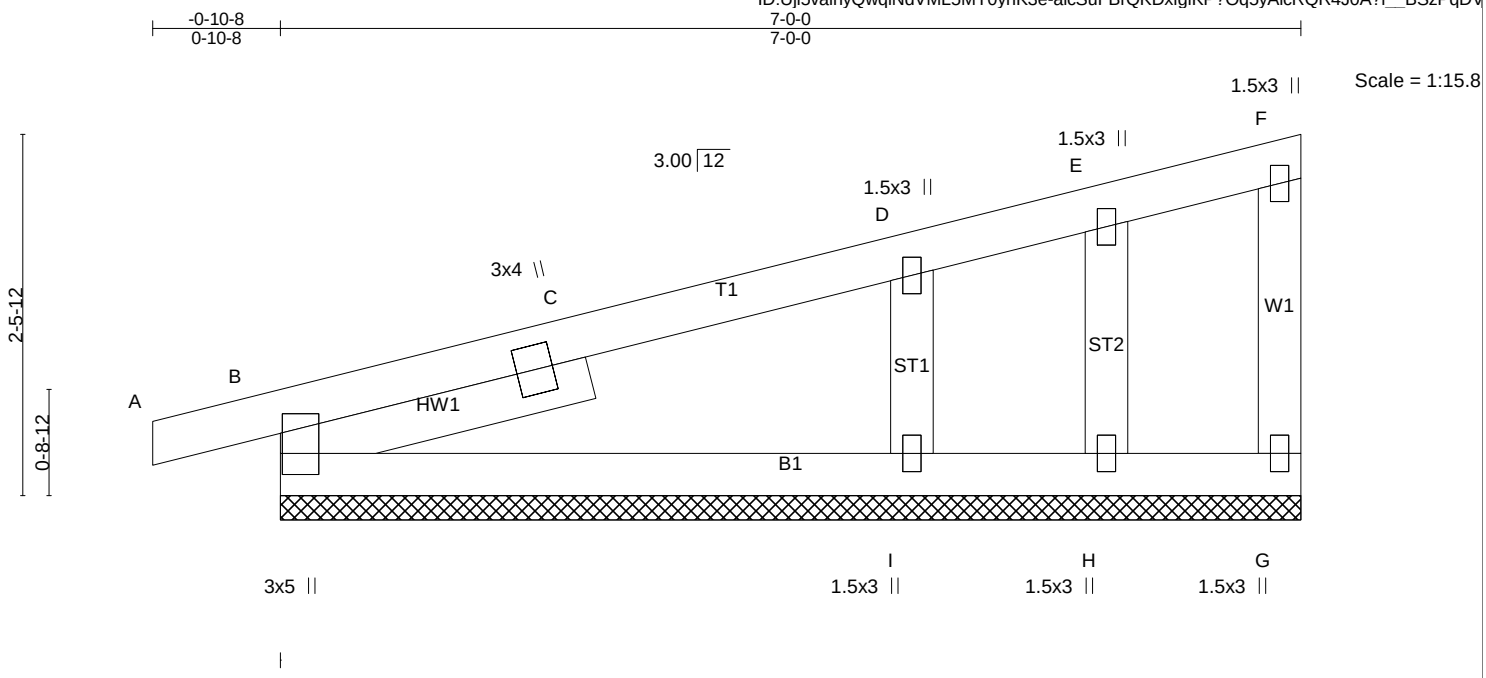

Plate Offsets (X,Y)-- [B:0-3-6,0-0-3]

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	0.22	Vert(LL)	-0.00	A	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	0.00	A	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	G	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 33 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
SLIDER Left 2x4 SP No.2 2-2-5

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

REACTIONS. All bearings 7-0-0.
(lb) - Max Horz B=83(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) G, B, H, I
Max Grav All reactions 250 lb or less at joint(s) G, B, H except I=356(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS D-I=-252/186

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) Truss designed for wind loads in the plane of the truss only.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 1-4-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) G, B, H, I.
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	FINLEY CLASSIC
69016039	D2	Monopitch	7	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:30 2019 Page 1
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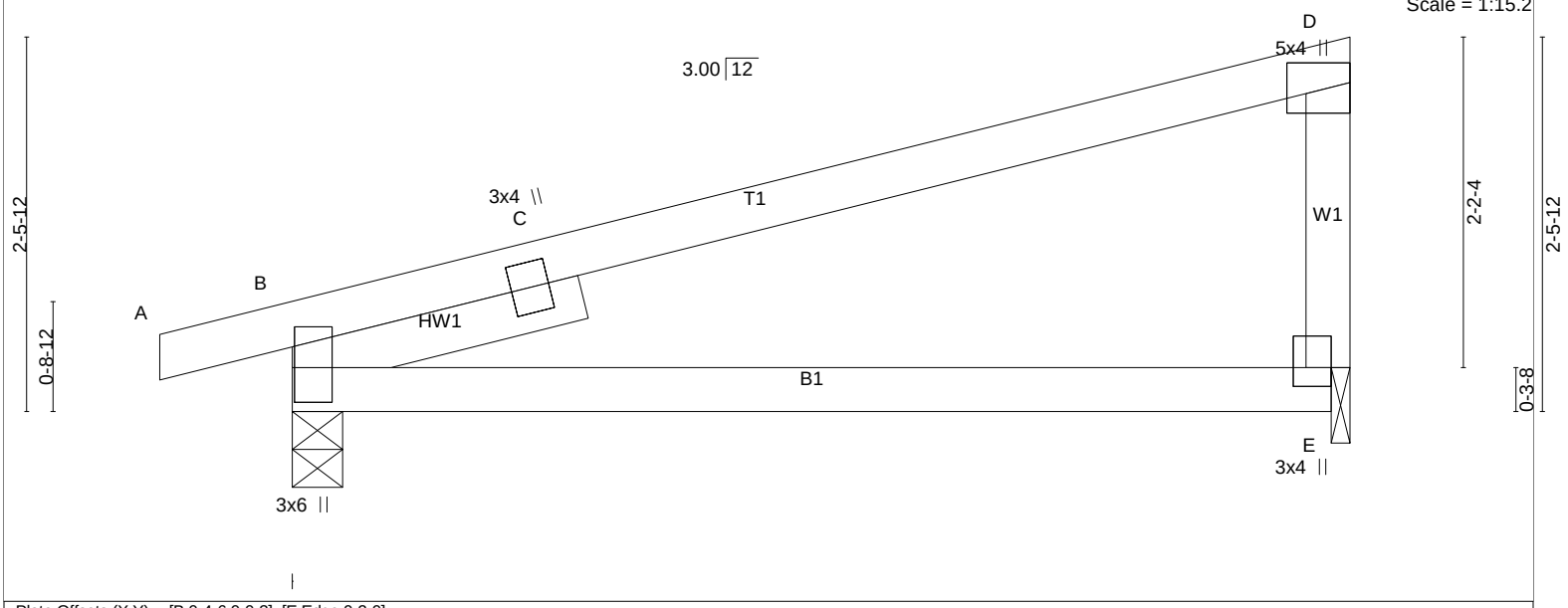

Plate Offsets (X,Y)-- [B:0-4-6,0-0-3], [E:Edge,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.61	Vert(LL)	-0.06	E-H	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.14	E-H	>600	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 28 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 1-11-12

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

REACTIONS. (lb/size) B=330/0-4-0 (min. 0-1-8), E=271/0-1-8 (min. 0-1-8)
Max Horz B=86(LC 9)
Max Uplift B=-81(LC 6), E=-55(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-338/0

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) E 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) E.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) B, E.
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	FINLEY CLASSIC
69016039	P1	Common Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:31 2019 Page 1
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0-10-8 | 7-2-0 | 7-2-0 | 0-10-8

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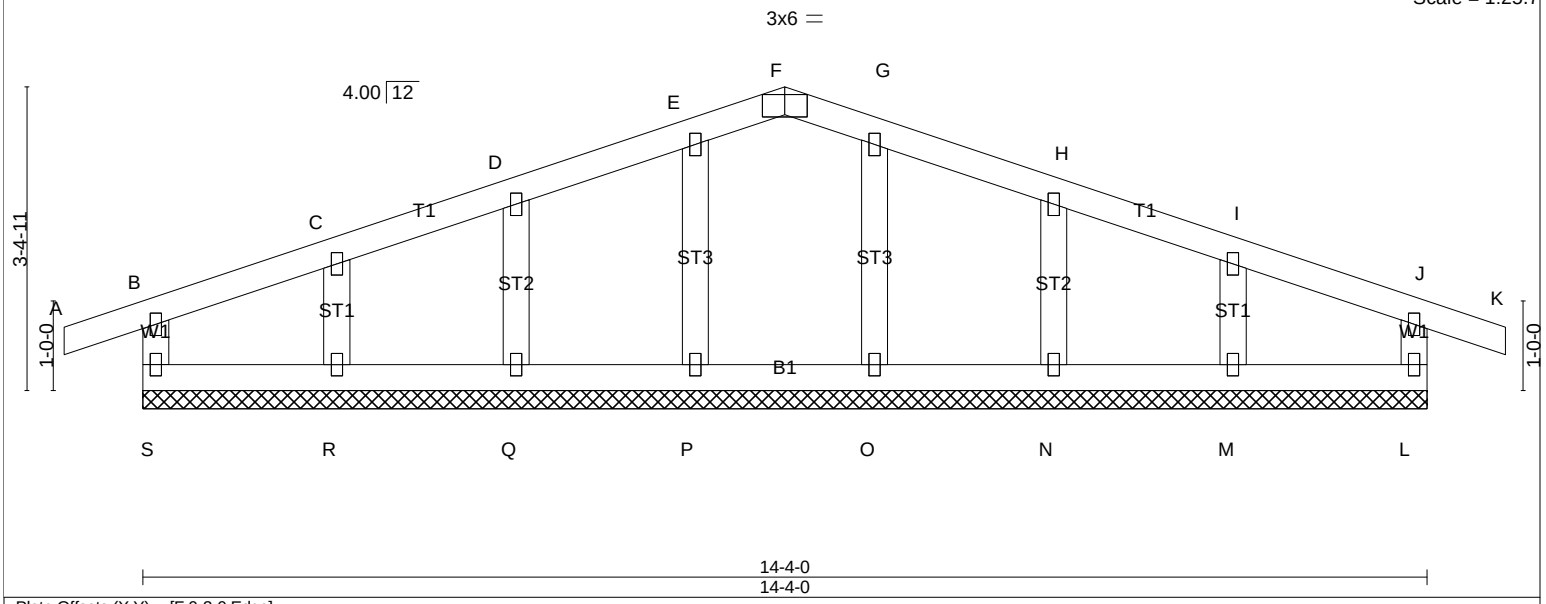

Plate Offsets (X,Y)-- [F:0-3-0,Edge]

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	0.07	Vert(LL)	-0.00	K	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	-0.00	K	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	L	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 65 lb	FT = 20%

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

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

REACTIONS. All bearings 14-4-0.
(lb) - Max Horz S=21(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) S, L, P, Q, R, O, N, M
Max Grav All reactions 250 lb or less at joint(s) S, L, P, Q, R, O, N, M

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 (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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) Truss designed for wind loads in the plane of the truss only.
4) All plates are 1.5x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
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 100 lb uplift at joint(s) S, L, P, Q, R, O, N, M.
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	FINLEY CLASSIC
69016039	P2	Common	5	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:32 2019 Page 1
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0-10-8 | 7-2-0 | 7-2-0 | 0-10-8

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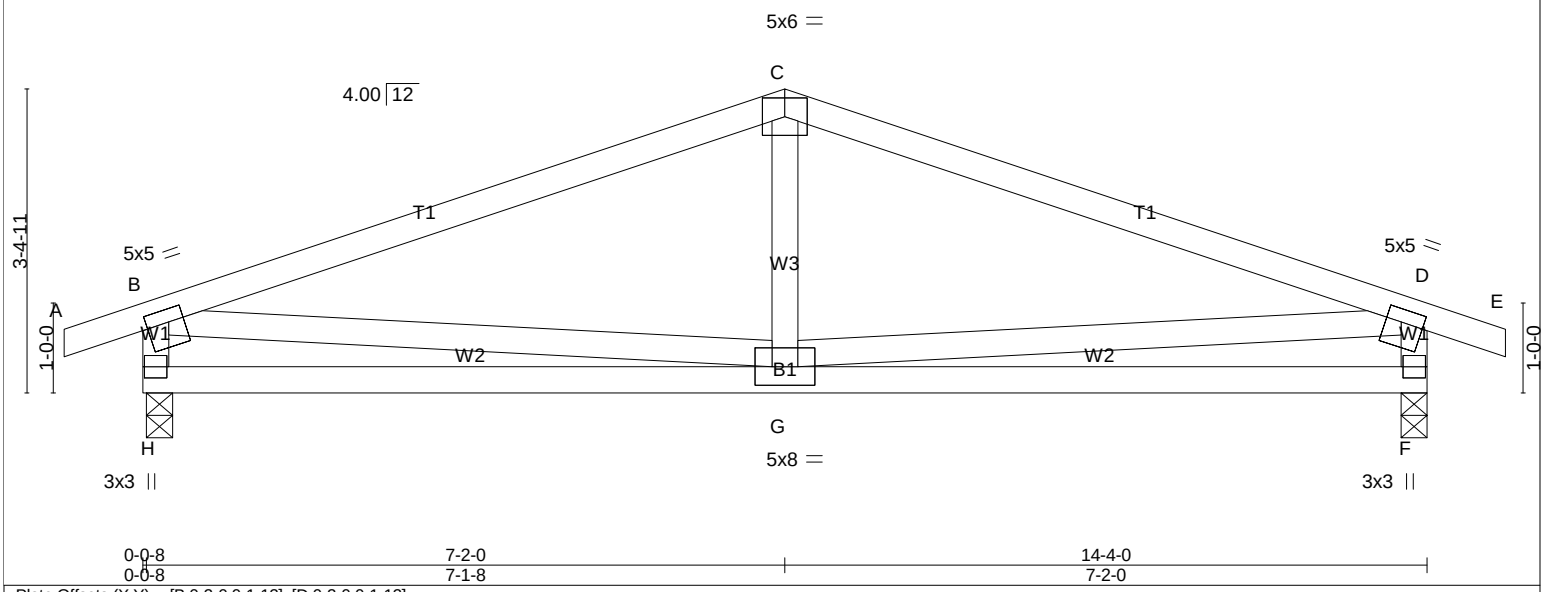


0-0-8 | 7-2-0 | 14-4-0
0-0-8 | 7-1-8 | 7-2-0

Plate Offsets (X,Y)-- [B:0-2-0,0-1-12], [D:0-2-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.05	G-H	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.44	Vert(CT)	-0.11	G-H	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 72 lb	FT = 20%

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 5-5-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=623/0-3-8 (min. 0-1-8), F=623/0-3-8 (min. 0-1-8)
Max Horz H=21(LC 10)
Max UpliftH=-119(LC 6), F=-119(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-811/214, C-D=-811/214, B-H=-559/242, D-F=-559/242
BOT CHORD G-H=-155/383, F-G=-136/383
WEBS D-G=-2/386, B-G=-1/386

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=25ft; 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 100 lb uplift at joint(s) except (jt=lb) H=119, F=119.
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	FINLEY CLASSIC
69016039	P3	Common	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:32 2019 Page 1
ID:z0oN0DalXDWpI7qMoT13CgyIcaZ-X5jCIxD5yxTfv_siXQQIANGwUF1tYBXSS3T5GKzPqDT

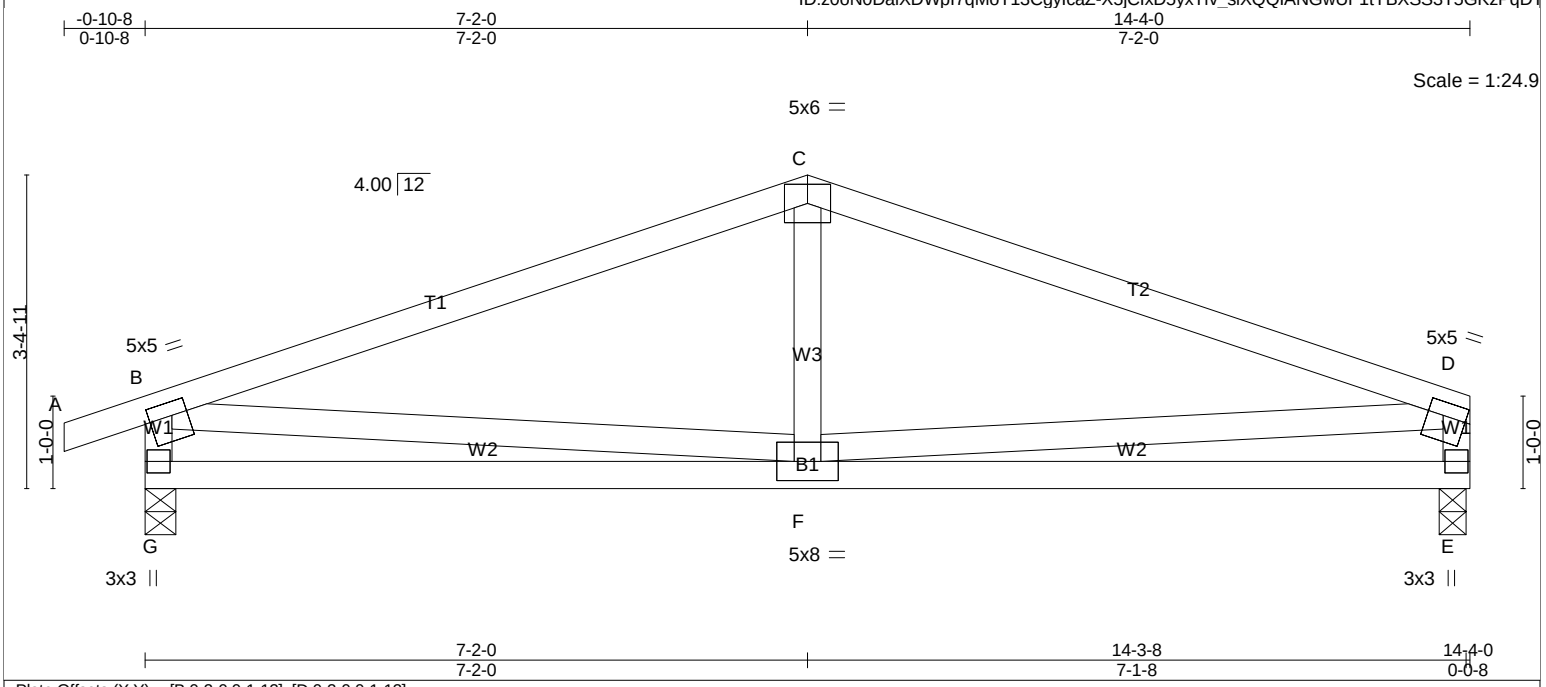


Plate Offsets (X,Y)-- [B:0-2-0,0-1-12], [D:0-2-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.05	F-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.44	Vert(CT)	-0.11	F-G	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.01	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 71 lb	FT = 20%

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 4-1-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) G=625/0-4-0 (min. 0-1-8), E=559/0-3-8 (min. 0-1-8)
Max Horz G=26(LC 10)
Max Uplift G=-119(LC 6), E=-78(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-820/220, C-D=-816/217, B-G=-561/243, D-E=-495/183
BOT CHORD F-G=-159/381, E-F=-88/279
WEBS B-F=-9/403, D-F=-26/441

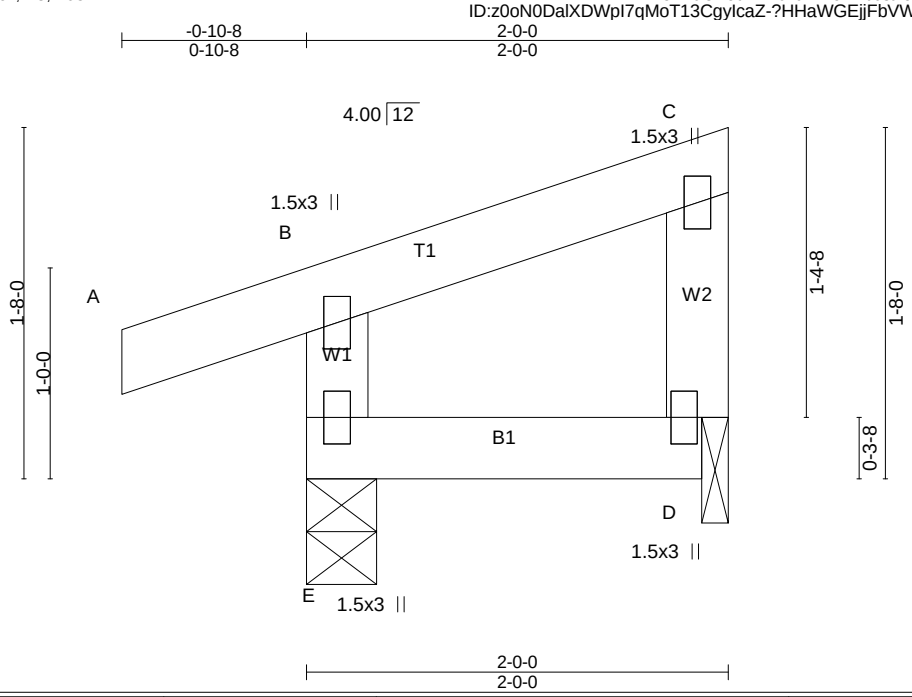
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical 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 100 lb uplift at joint(s) E except (jt=lb) G=119.
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	FINLEY CLASSIC
69016039	P4	Roof Special	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:33 2019 Page 1
ID:z0oN0DalXDWpI7qMoT13CgylcaZ-?HHaWGEjjFbVW8Ru48yXjboI1fTeHgdchjCeonzPqDS



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	-0.00	E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 10 lb	FT = 20%

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 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=148/0-4-0 (min. 0-1-8), D=50/0-1-8 (min. 0-1-8)
Max Horz E=58(LC 9)
Max UpliftE=-59(LC 6), D=-22(LC 7)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) D 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) D.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) E, D.
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	FINLEY CLASSIC
69016039	P5	Roof Special Supported Gable	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:33 2019 Page 1
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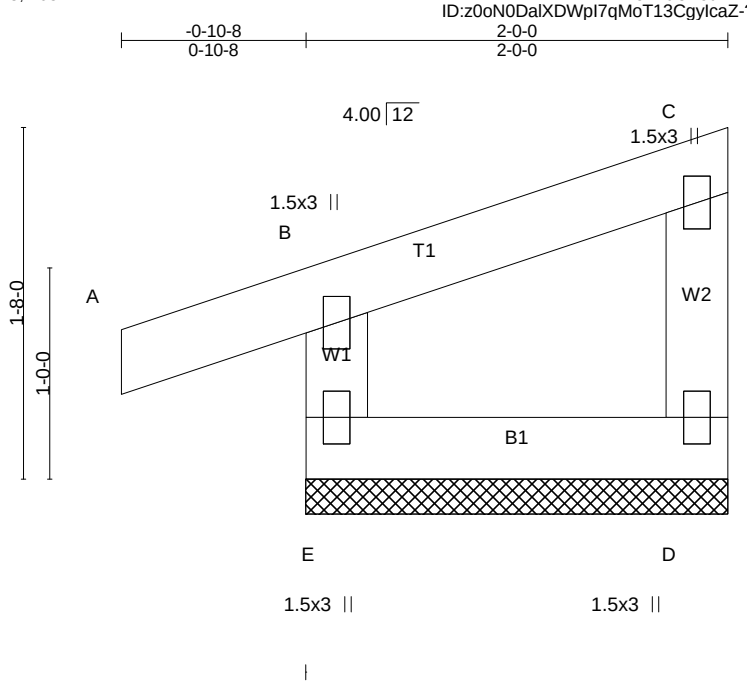

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	-0.00	A	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	A	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 10 lb	FT = 20%

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 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=148/2-0-0 (min. 0-1-8), D=50/2-0-0 (min. 0-1-8)
Max Horz E=58(LC 7)
Max UpliftE=-59(LC 6), D=-22(LC 7)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) Truss designed for wind loads in the plane of the truss only.
3) Gable requires continuous bottom chord bearing.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) E, D.
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	FINLEY CLASSIC
69016039	PA4	Piggyback	5	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:34 2019 Page 1
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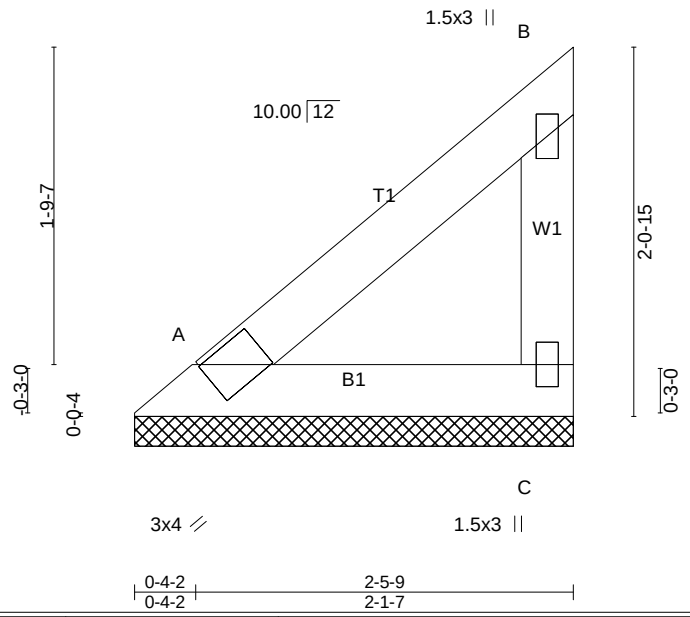

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 10 lb	FT = 20%

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 2-5-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=78/2-5-9 (min. 0-1-8), C=78/2-5-9 (min. 0-1-8)
Max Horz A=61(LC 7)
Max Uplift A=-1(LC 10), C=-28(LC 10)
Max Grav A=79(LC 18), C=90(LC 17)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) Gable requires continuous bottom chord bearing.
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) 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.
6) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	PA5	PIGGYBACK	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:34 2019 Page 1
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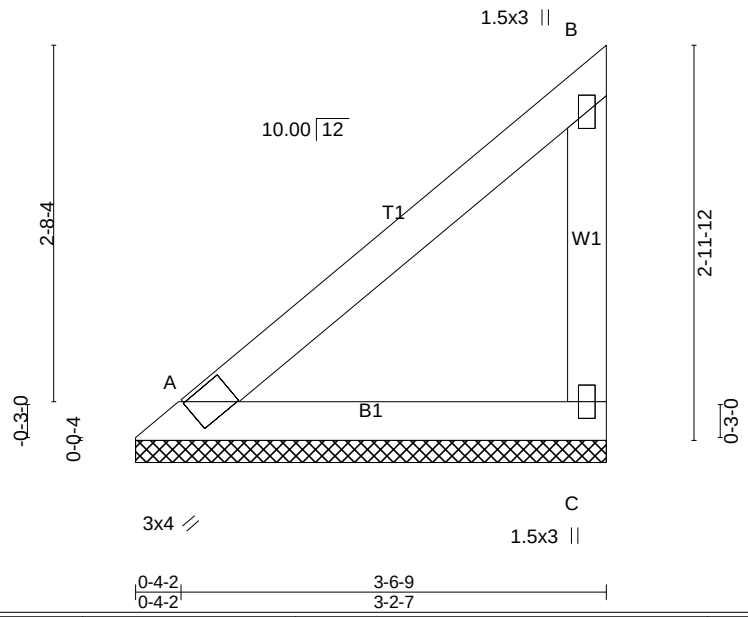

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 15 lb	FT = 20%

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 3-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=121/3-6-9 (min. 0-1-8), C=121/3-6-9 (min. 0-1-8)
Max Horz A=95(LC 7)
Max Uplift A=-1(LC 10), C=-43(LC 10)
Max Grav A=123(LC 18), C=140(LC 17)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) Gable requires continuous bottom chord bearing.
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) 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.
6) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	PA6	PIGGYBACK	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:35 2019 Page 1
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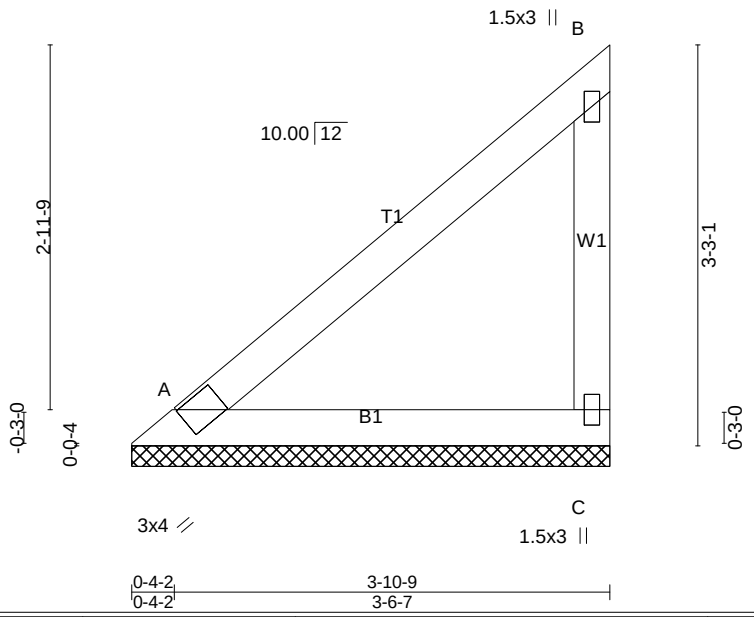

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 16 lb	FT = 20%

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 3-10-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=134/3-10-9 (min. 0-1-8), C=134/3-10-9 (min. 0-1-8)
Max Horz A=106(LC 7)
Max Uplift A=-2(LC 10), C=-48(LC 10)
Max Grav A=137(LC 18), C=155(LC 17)

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

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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
2) Gable requires continuous bottom chord bearing.
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) 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.
6) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	PB1	GABLE	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:35 2019 Page 1
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2-0-11 | 4-9-10 | 2-0-11

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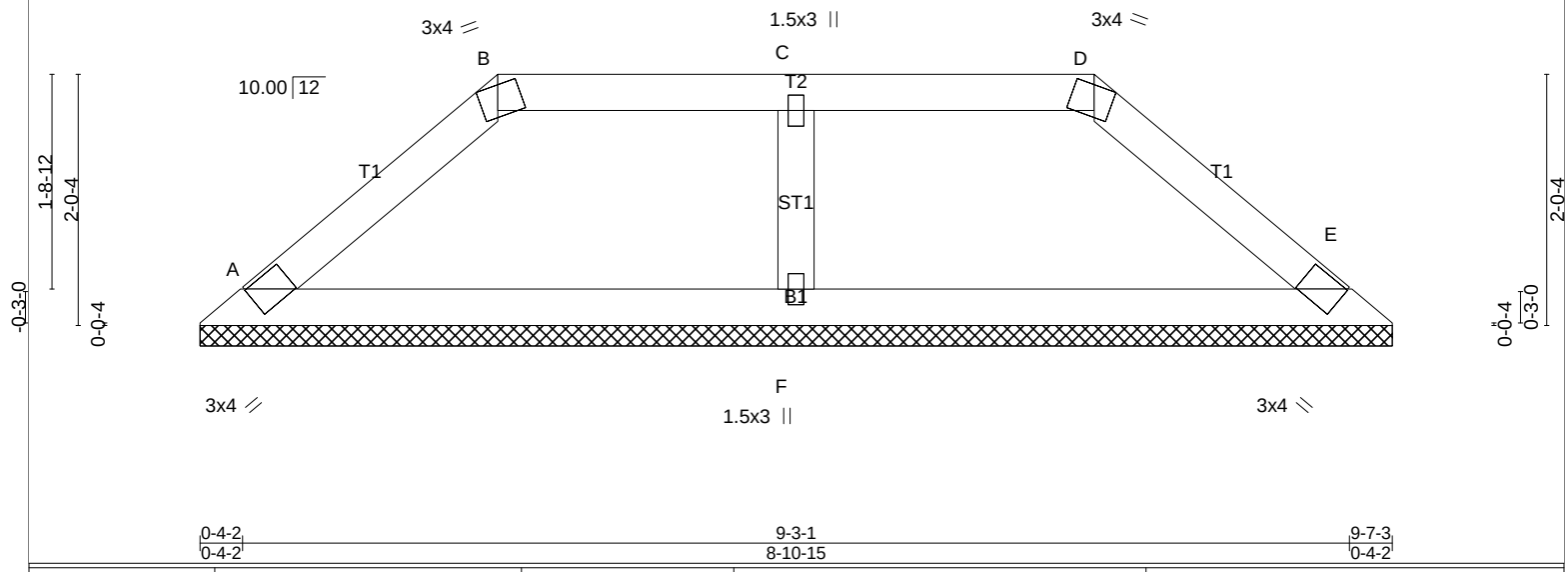

0-4-2 | 9-3-1 | 9-7-3
0-4-2 | 8-10-15 | 0-4-2

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 32 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, except 2-0-0 oc purlins (6-0-0 max.): B-D.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=215/9-7-3 (min. 0-1-8), E=215/9-7-3 (min. 0-1-8), F=278/9-7-3 (min. 0-1-8)
Max Horz A=-43(LC 6)
Max UpliftA=-31(LC 10), E=-32(LC 11), F=-22(LC 7)

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

NOTES- (11)
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=25ft; 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) Truss designed for wind loads in the plane of the truss only.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	PB1A	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:36 2019 Page 1
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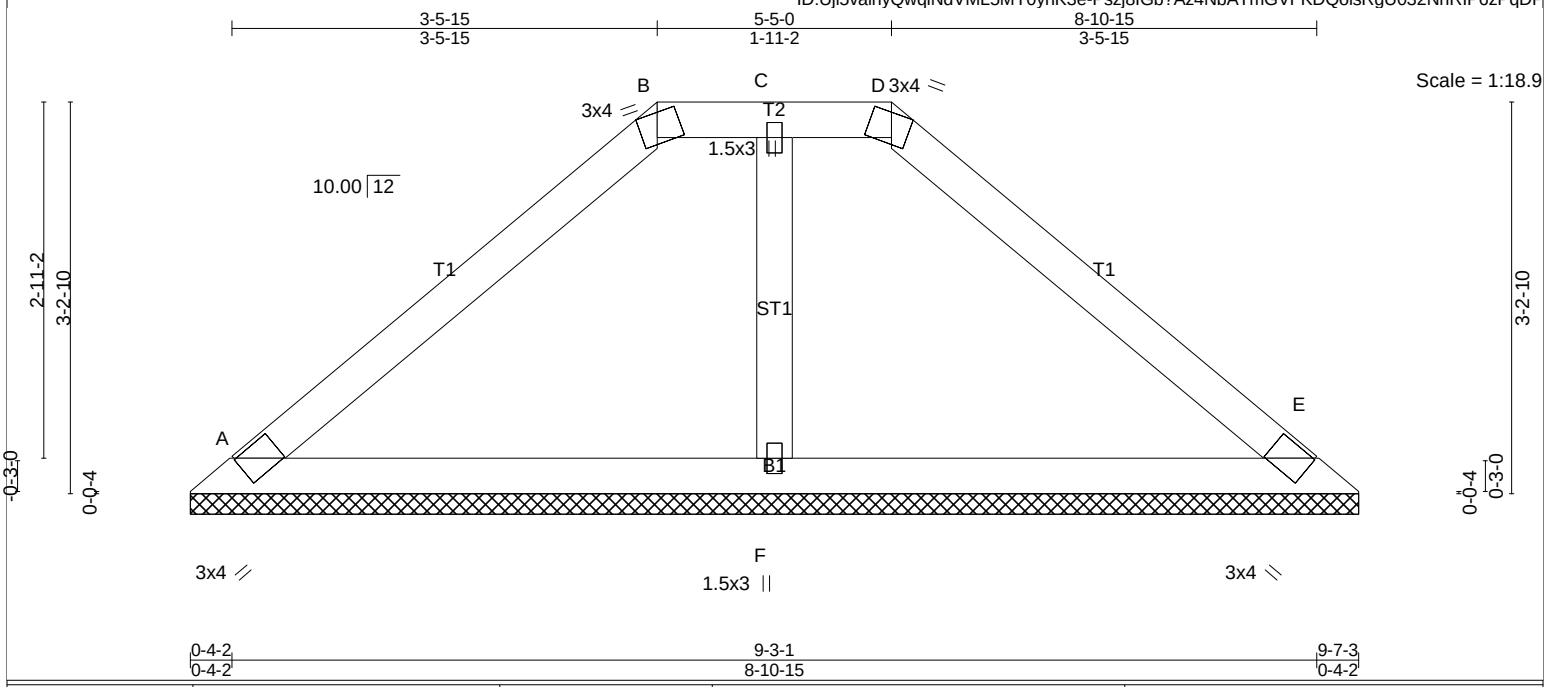

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 35 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, except 2-0-0 oc purlins (6-0-0 max.): B-D.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=248/9-7-3 (min. 0-1-8), E=248/9-7-3 (min. 0-1-8), F=211/9-7-3 (min. 0-1-8)
Max Horz A=-72(LC 8)
Max Uplift A=-53(LC 10), E=-58(LC 11)
Max Grav A=248(LC 1), E=248(LC 1), F=232(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-B=-255/125, D-E=-255/125

NOTES- (11)
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=25ft; 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) Truss designed for wind loads in the plane of the truss only.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	PB2	Piggyback	10	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:36 2019 Page 1
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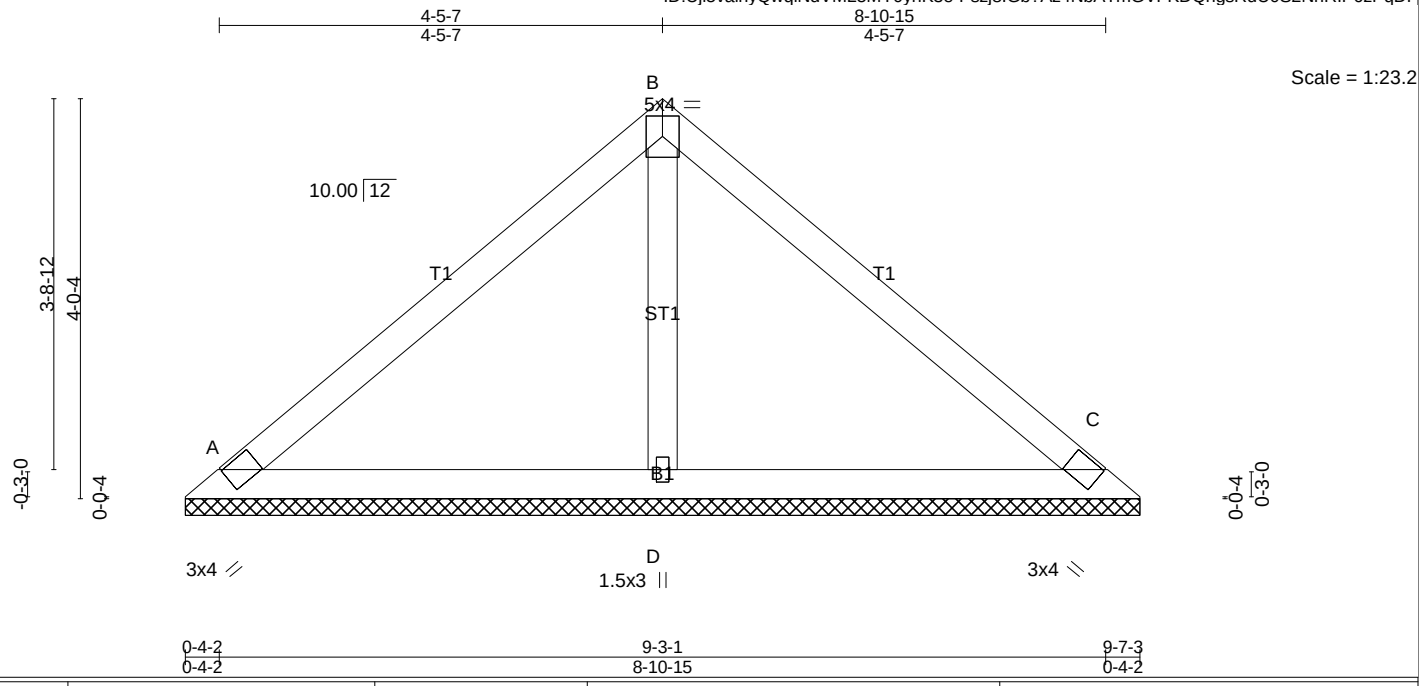

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 36 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=182/9-7-3 (min. 0-1-8), C=182/9-7-3 (min. 0-1-8), D=344/9-7-3 (min. 0-1-8)
Max Horz A=-91(LC 8)
Max UpliftA=-25(LC 11), C=-37(LC 11), D=-16(LC 10)

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

NOTES- (7)
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=25ft; 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) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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.
7) Piggyback cap bottom chord to be attached to 2x4 purlins located at each end of cap bottom chord and at 24" oc max spacing with two 16d nails each.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	V1	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD

8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:37 2019 Page 1
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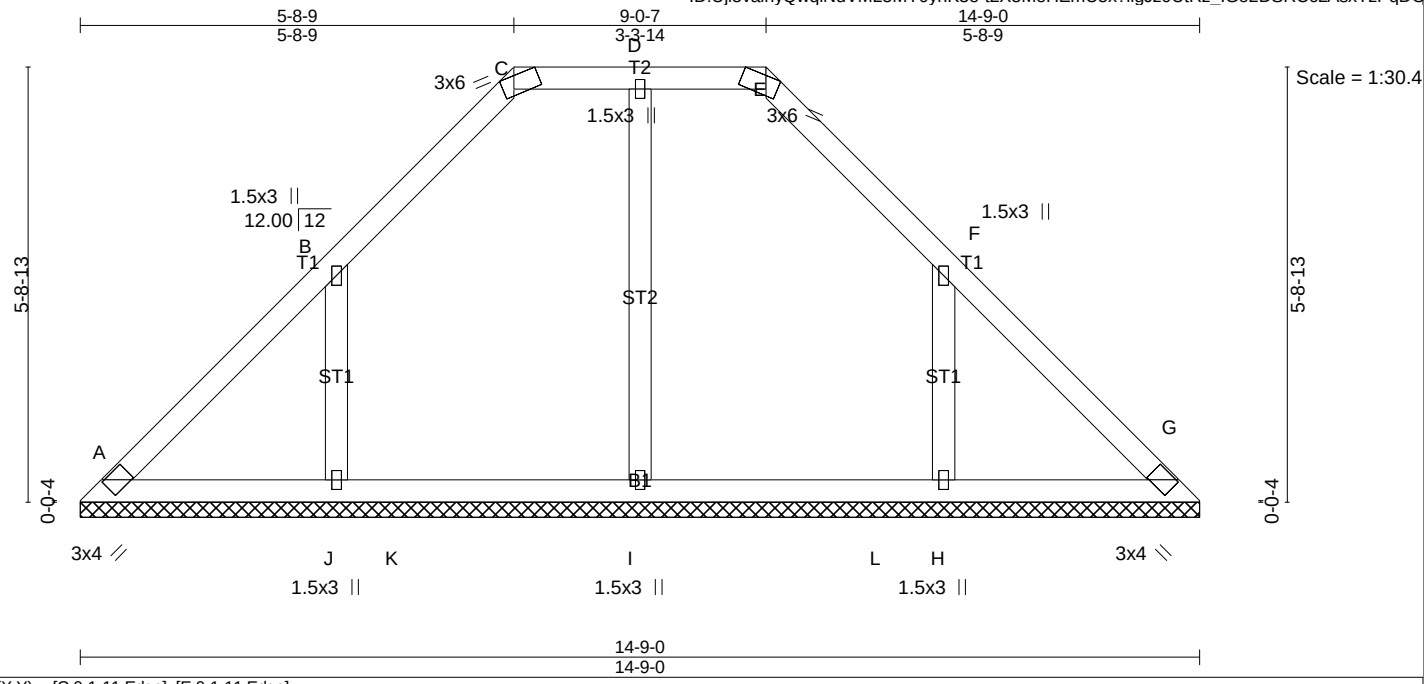

Plate Offsets (X,Y)-- [C:0-1-11,Edge], [E:0-1-11,Edge]

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	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	G	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 66 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, except 2-0-0 oc purlins (6-0-0 max.): C-E.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 14-9-0.
(lb) - Max Horz A=-135(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) A, G, I except J=-179(LC 10), H=-178(LC 11)
Max Grav All reactions 250 lb or less at joint(s) A, G except I=315(LC 20), J=365(LC 17), H=364(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS B-J=-253/209, F-H=-253/208

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=25ft; 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) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) A, G, I except (jt=lb) J=179, H=178.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	FINLEY CLASSIC
69016039	V2	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:37 2019 Page 1
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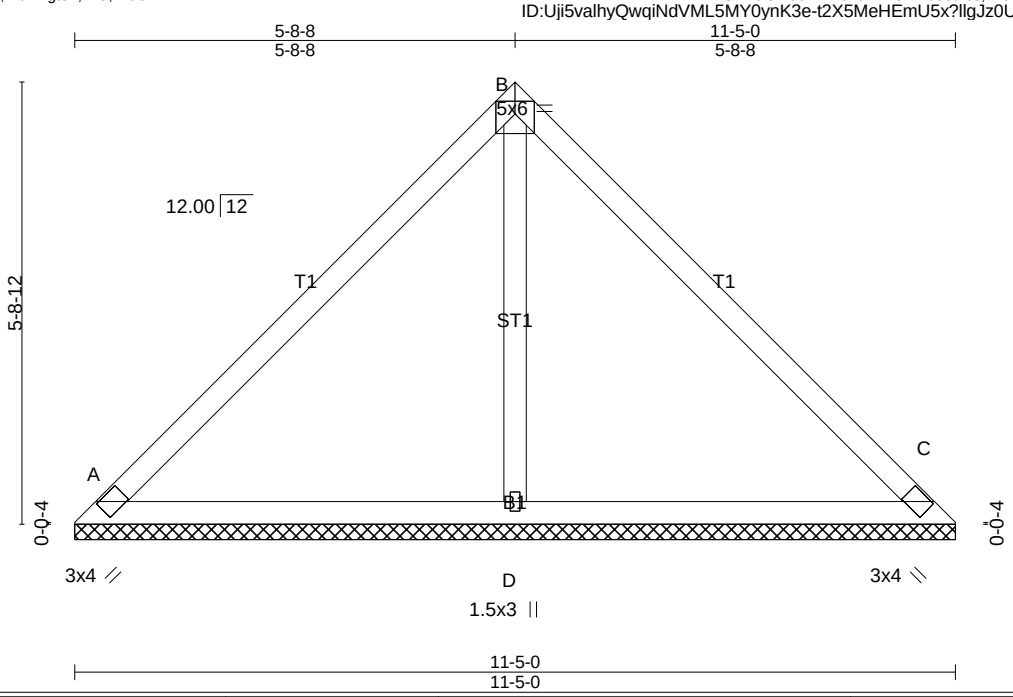

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 47 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=233/11-5-0 (min. 0-1-8), C=233/11-5-0 (min. 0-1-8), D=394/11-5-0 (min. 0-1-8)
Max Horz A=-133(LC 6)
Max UpliftA=-38(LC 11), C=-38(LC 11), D=-22(LC 10)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) A, C, D.
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	FINLEY CLASSIC
69016039	V3	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:38 2019 Page 1
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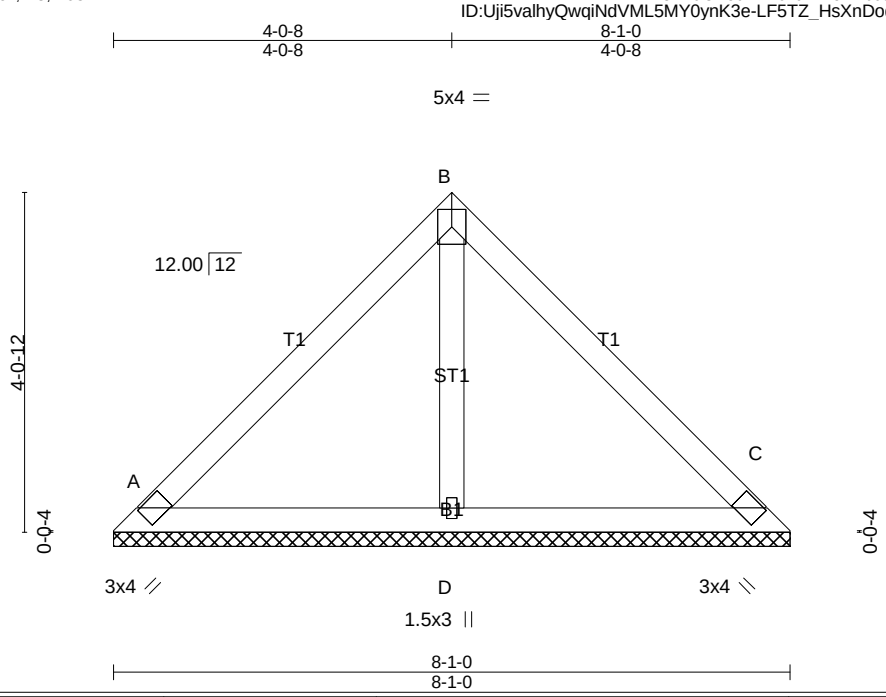

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 33 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=161/8-1-0 (min. 0-1-8), C=161/8-1-0 (min. 0-1-8), D=272/8-1-0 (min. 0-1-8)
Max Horz A=-92(LC 6)
Max UpliftA=-26(LC 11), C=-26(LC 11), D=-15(LC 10)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) A, C, D.
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	FINLEY CLASSIC
69016039	V4	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, MJUDD 8.240 s Feb 11 2019 MiTek Industries, Inc. Wed Apr 17 12:32:38 2019 Page 1
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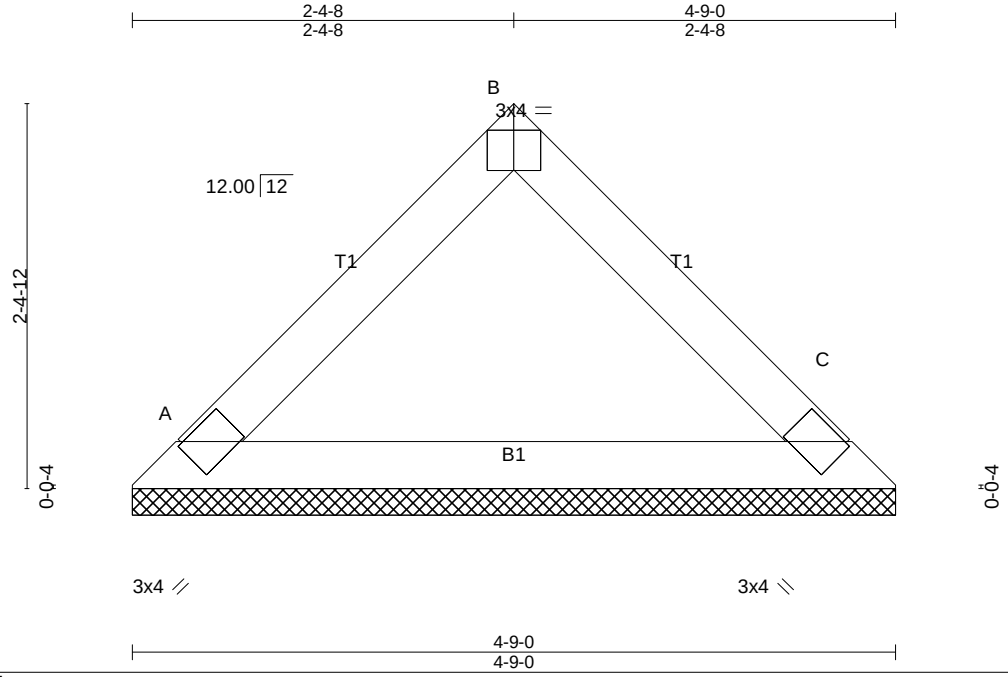

Plate Offsets (X,Y)-- [B:0-2-0,Edge]

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	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: 16 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 4-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=164/4-9-0 (min. 0-1-8), C=164/4-9-0 (min. 0-1-8)
Max Horz A=51(LC 7)
Max UpliftA=-13(LC 10), C=-13(LC 11)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas 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) A, C.
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